

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044034.D
 Acq On : 14 Jan 2020 13:15
 Operator : JU
 Sample : PB126078BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 20:32:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	128767	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	538604	20.00	ng	-0.02
39) Acenaphthene-d10	14.59	164	338022	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	727365	20.00	ng	-0.01
76) Chrysene-d12	21.60	240	654990	20.00	ng	0.00
87) Perylene-d12	24.79	264	586991	20.00	ng	0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	839636	119.73	ng	-0.01
7) Phenol-d6	7.12	99	1077697	109.94	ng	0.00
23) Nitrobenzene-d5	9.10	82	668217	66.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	399883	113.05	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1427691	76.52	ng	-0.02
79) Terphenyl-d14	19.96	244	2242274	81.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	112088	36.656	ng	97
3) Pyridine	3.81	79	271216	30.024	ng	93
4) n-Nitrosodimethylamine	3.72	42	147891	36.773	ng	94
6) Aniline	7.27	93	348909	27.098	ng	97
8) 2-Chlorophenol	7.52	128	341476	41.476	ng	99
9) Benzaldehyde	7.08	77	130326	20.772	ng	99
10) Phenol	7.15	94	415674	41.155	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	328166	37.641	ng	97
12) 1,3-Dichlorobenzene	7.84	146	370840	38.491	ng	96
13) 1,4-Dichlorobenzene	7.98	146	370024	38.925	ng	99
14) 1,2-Dichlorobenzene	8.31	146	346992	38.029	ng	99
15) Benzyl Alcohol	8.19	79	286071	36.976	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	434643	32.224	ng	99
17) 2-Methylphenol	8.39	107	290812	39.788	ng	99
18) Hexachloroethane	9.03	117	137770	37.246	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	246934	33.825	ng	98
20) 3+4-Methylphenols	8.72	107	395782	38.816	ng	98
22) Acetophenone	8.77	105	467889	34.943	ng	# 99
24) Nitrobenzene	9.15	77	356367	35.738	ng	98
25) Isophorone	9.67	82	659378	34.908	ng	99
26) 2-Nitrophenol	9.86	139	191753	40.645	ng	96
27) 2,4-Dimethylphenol	9.93	122	318599	44.862	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	427123	33.918	ng	98
29) 2,4-Dichlorophenol	10.40	162	332058	39.199	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	345825	36.410	ng	99
31) Naphthalene	10.80	128	1002892	38.478	ng	100
32) Benzoic acid	10.07	122	177664	32.974	ng	94
33) 4-Chloroaniline	10.90	127	249482	20.069	ng	99
34) Hexachlorobutadiene	11.10	225	203290	35.055	ng	98
35) Caprolactam	11.68	113	82529	26.171	ng	98
36) 4-Chloro-3-methylphenol	12.04	107	345949	38.362	ng	98
37) 2-Methylnaphthalene	12.41	142	732143	37.311	ng	96
38) 1-Methylnaphthalene	12.63	142	699458	37.610	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	355004	35.832	ng	100

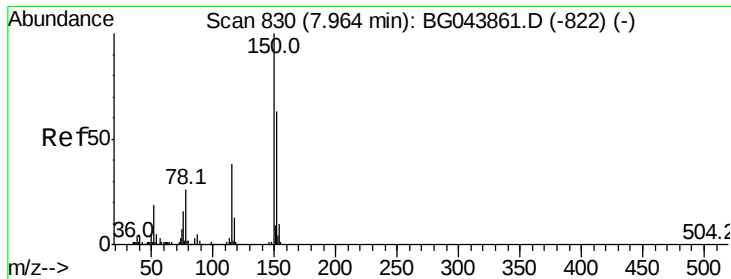
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044034.D
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Quant Time: Jan 14 20:32:55 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	340574	66.306	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	260193	38.168	nq	94
44) 2,4,5-Trichlorophenol	13.09	196	281994	40.107	nq	98
46) 1,1'-Biphenyl	13.42	154	909891	37.543	nq	98
47) 2-Chloronaphthalene	13.46	162	709256	36.216	nq	98
48) 2-Nitroaniline	13.66	65	216712	34.401	nq	92
49) Acenaphthylene	14.30	152	1102810	39.179	nq	98
50) Dimethylphthalate	14.04	163	884946	36.871	nq	98
51) 2,6-Dinitrotoluene	14.15	165	205557	37.892	nq	95
52) Acenaphthene	14.64	154	699121	35.417	nq	98
53) 3-Nitroaniline	14.48	138	172747	28.042	nq	98
54) 2,4-Dinitrophenol	14.69	184	215604	78.150	nq	94
55) Dibenzofuran	14.98	168	1061127	39.049	nq	99
56) 4-Nitrophenol	14.80	139	392367	83.117	nq	94
57) 2,4-Dinitrotoluene	14.94	165	286599	38.827	nq	97
58) Fluorene	15.63	166	837891	38.903	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	242312	40.079	nq	96
60) Diethylphthalate	15.40	149	893290	37.212	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	432653	36.994	nq	98
62) 4-Nitroaniline	15.66	138	211182	34.715	nq	95
63) Azobenzene	15.91	77	825782	37.093	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	161604	43.568	nq	93
66) n-Nitrosodiphenylamine	15.84	169	780332	36.430	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	284525	34.780	nq	98
68) Hexachlorobenzene	16.64	284	306031	34.718	nq	97
69) Atrazine	16.80	200	292496	42.009	nq	99
70) Pentachlorophenol	16.98	266	373769	76.920	nq	99
71) Phenanthrene	17.37	178	1322412	37.904	nq	99
72) Anthracene	17.46	178	1365423	39.601	nq	99
73) Carbazole	17.74	167	1262140	39.629	nq	97
74) Di-n-butylphthalate	18.29	149	1499726	36.881	nq	98
75) Fluoranthene	19.37	202	1523463	38.183	nq	98
77) Benzidine	19.56	184	448078	27.216	nq	98
78) Pyrene	19.74	202	1526019	35.693	nq	98
80) Butylbenzylphthalate	20.63	149	717550	35.252	nq	99
81) Benzo(a)anthracene	21.57	228	1472390	36.253	nq	97
82) 3,3'-Dichlorobenzidine	21.49	252	495981	30.911	nq	99
83) Chrysene	21.65	228	1530662	39.663	nq	94
84) Bis(2-ethylhexyl)phthalate	21.49	149	1016795	36.203	nq	100
85) Di-n-octyl phthalate	22.69	149	1782959	37.761	nq	97
86) Indeno(1,2,3-cd)pyrene	28.46	276	1856925	35.407	nq	# 78
88) Benzo(b)fluoranthene	23.84	252	1473761	42.470	nq	97
89) Benzo(k)fluoranthene	23.84	252	1473761	44.661	nq	97
90) Benzo(a)pyrene	24.63	252	1462281	44.647	nq	97
91) Dibenzo(a,h)anthracene	28.50	278	1562922	47.516	nq	97
92) Benzo(g,h,i)perylene	29.69	276	1571807	48.107	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

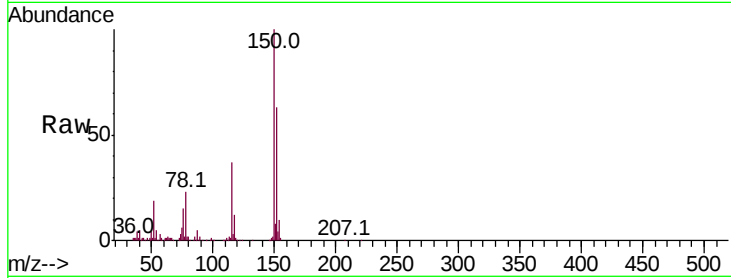


#1

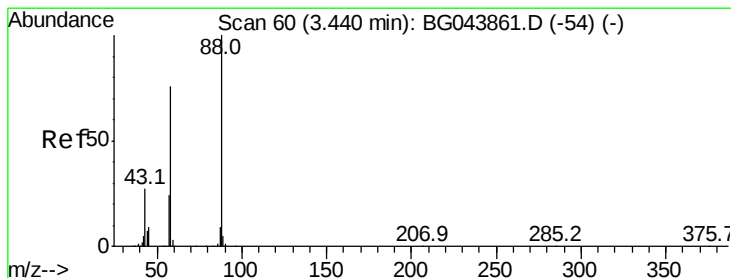
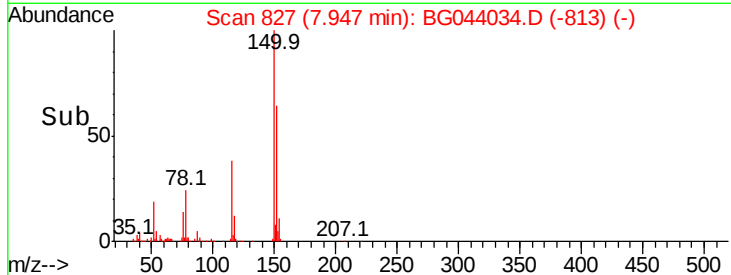
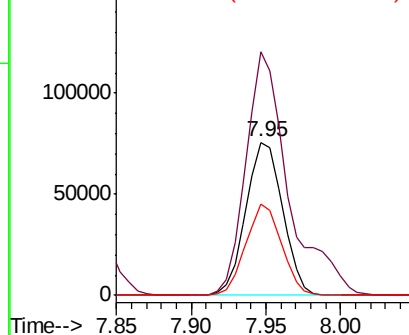
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 128767
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.4
115 59.6 47.8 71.8



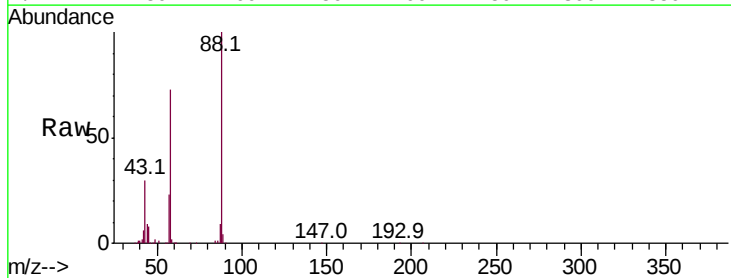
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



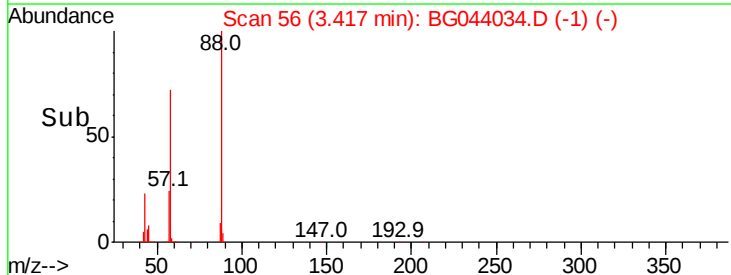
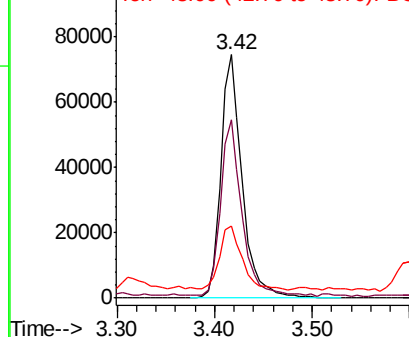
#2

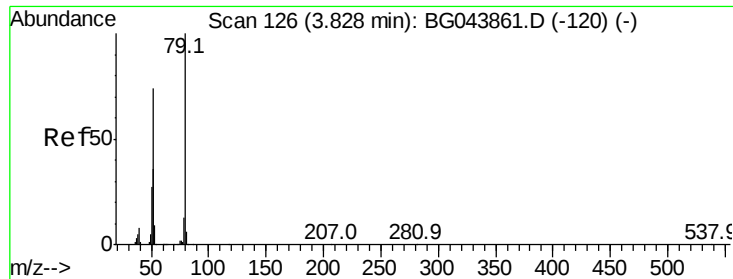
1,4-Dioxane
Concen: 36.656 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion: 88 Resp: 112088
Ion Ratio Lower Upper
88 100
58 71.9 59.8 89.8
43 27.2 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.024 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

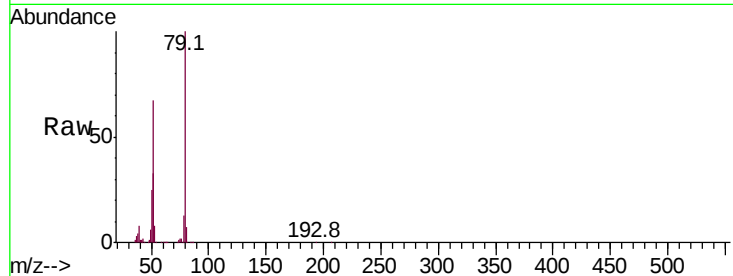
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 271216

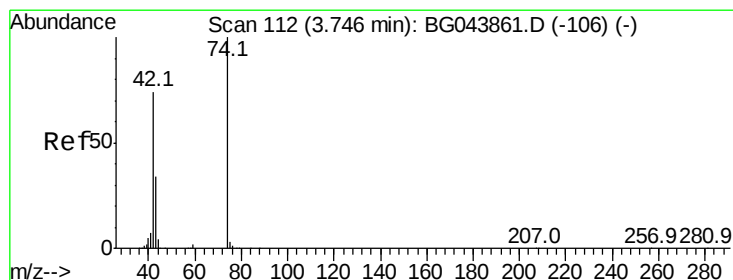
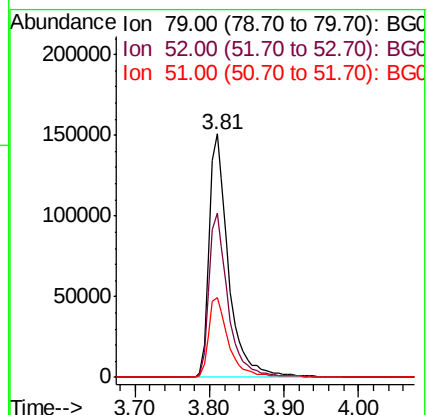
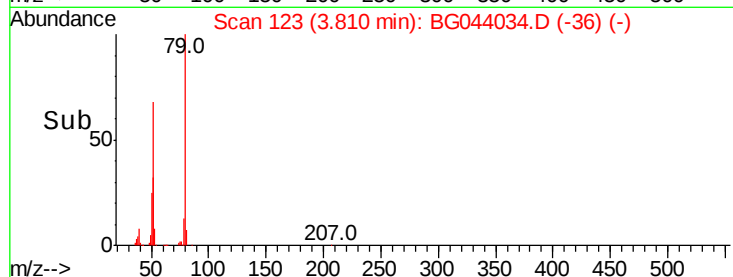
Ion	Ratio	Lower	Upper
79	100		
52	67.3	58.9	88.3
51	32.6	28.6	43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.773 ng

RT: 3.72 min Scan# 108

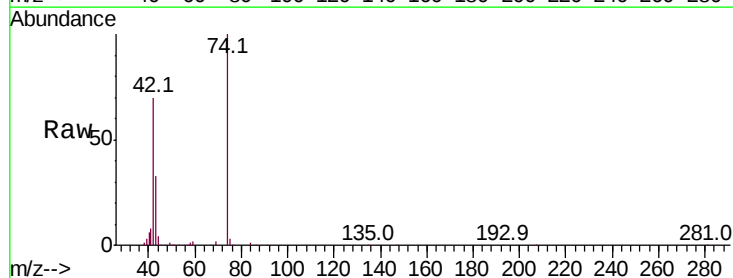
Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion: 42 Resp: 147891

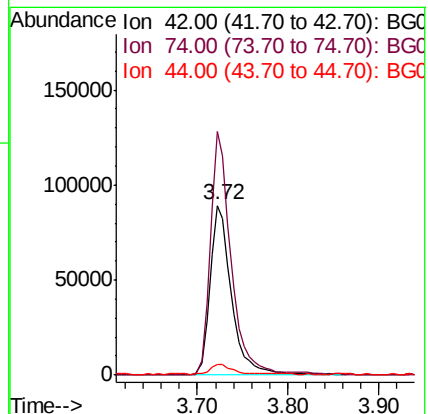
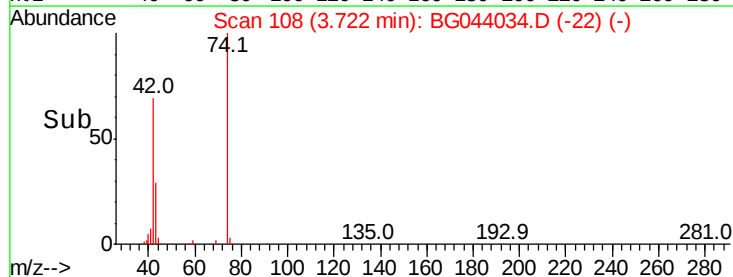
Ion	Ratio	Lower	Upper
42	100		
74	143.6	108.6	162.8
44	6.3	5.0	7.6

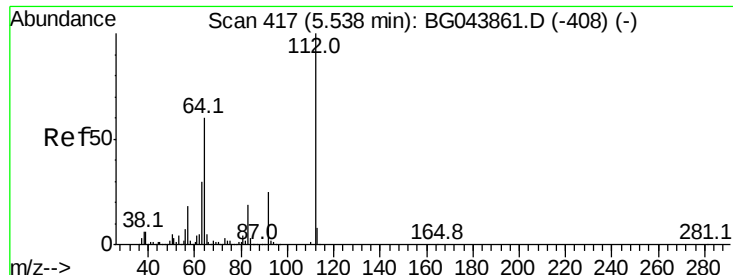


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.726 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

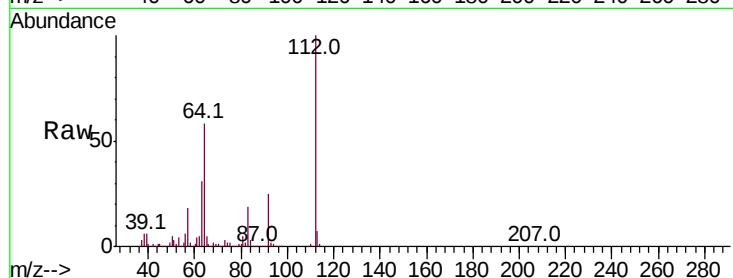
Tot Ion:112 Resp: 839636

Ion Ratio Lower Upper

112 100

64 58.0 47.8 71.6

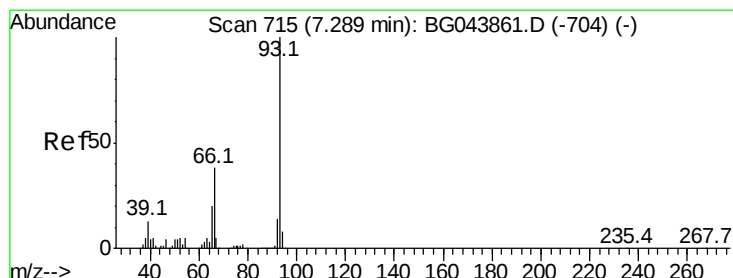
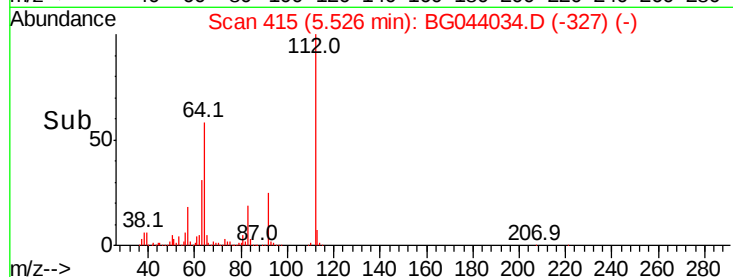
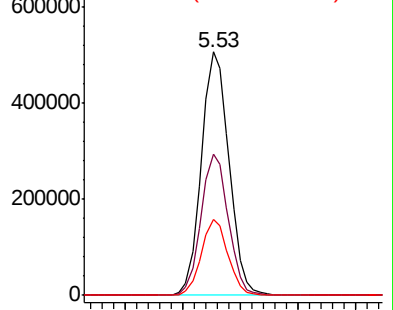
63 31.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.098 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

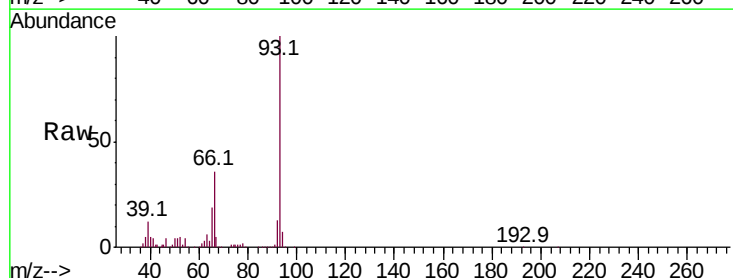
Tgt Ion: 93 Resp: 348909

Ion Ratio Lower Upper

93 100

66 36.2 30.8 46.2

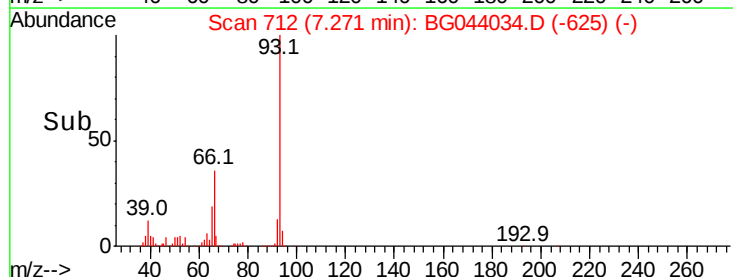
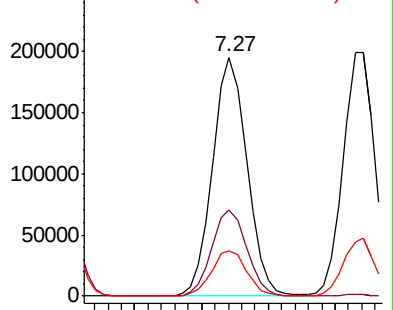
65 18.8 16.0 24.0

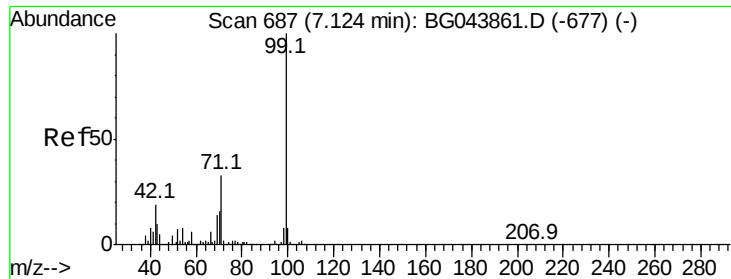


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.937 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

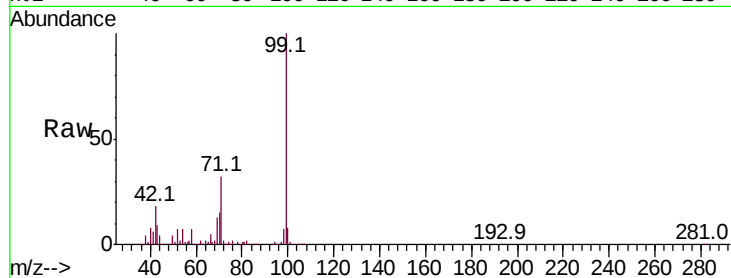
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1077697

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.4	26.4	39.6

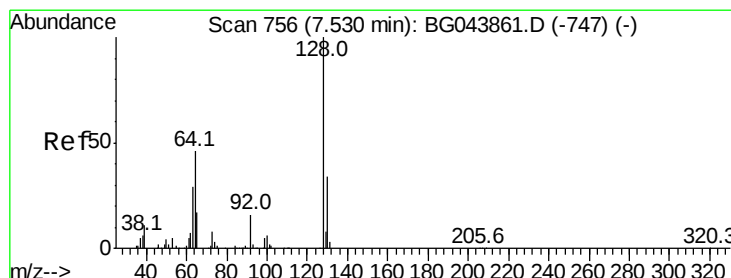
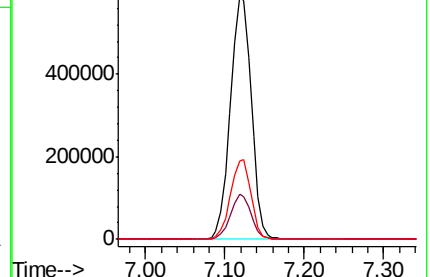
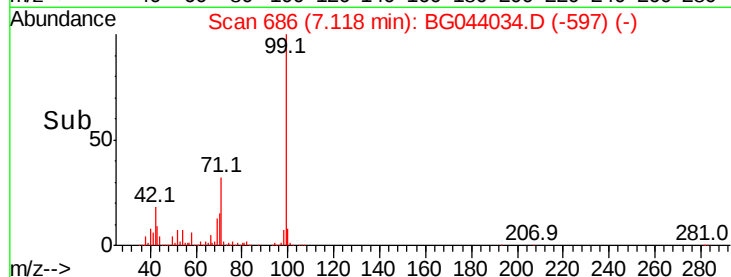


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.476 ng

RT: 7.52 min Scan# 754

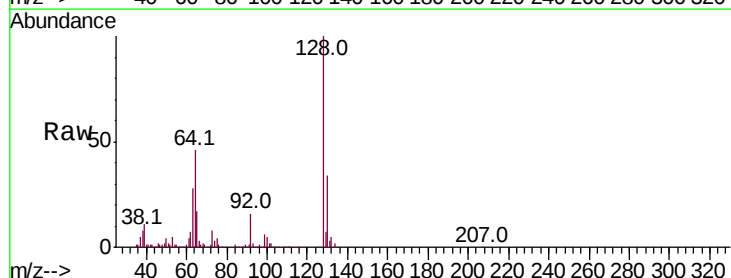
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion: 128 Resp: 341476

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.8	53.8
64	45.9	27.6	67.6

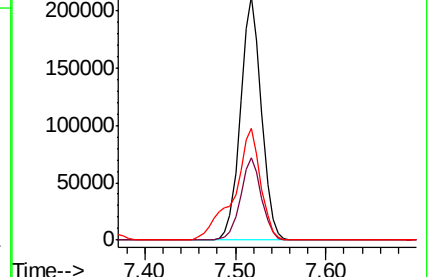
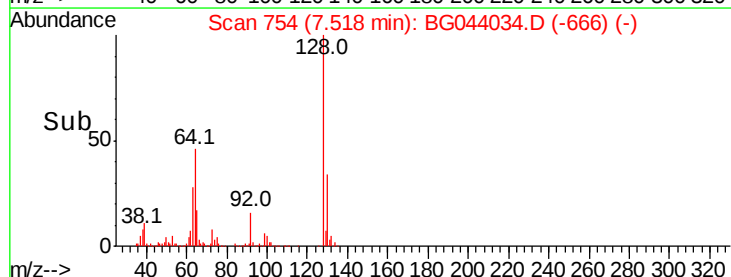


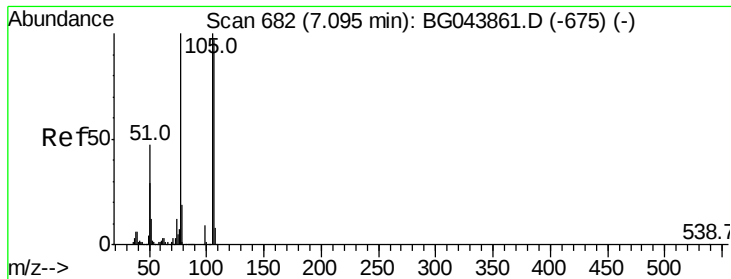
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.772 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

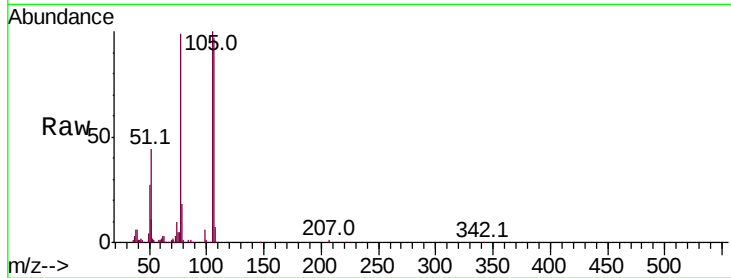
Tot Ion: 77 Resp: 130326

Ion Ratio Lower Upper

77 100

105 101.0 80.2 120.2

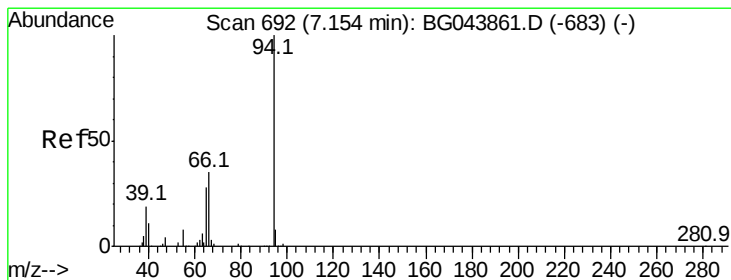
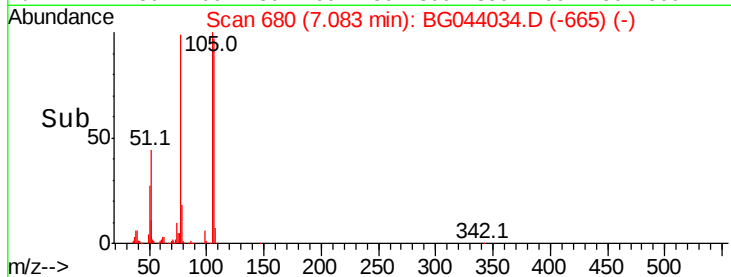
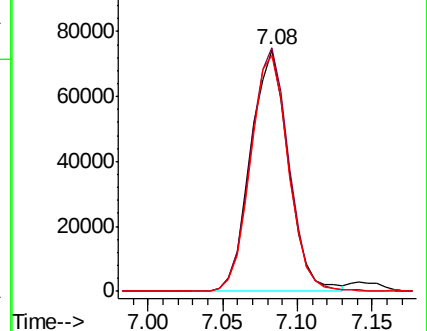
106 98.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.155 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

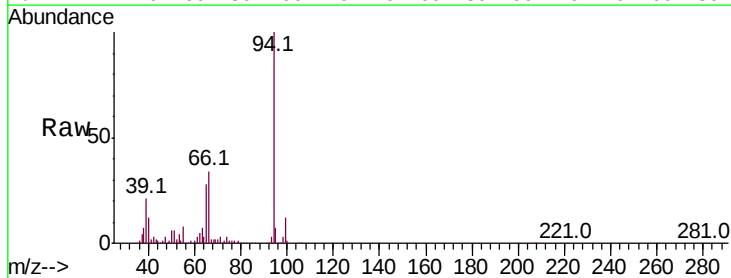
Tgt Ion: 94 Resp: 415674

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

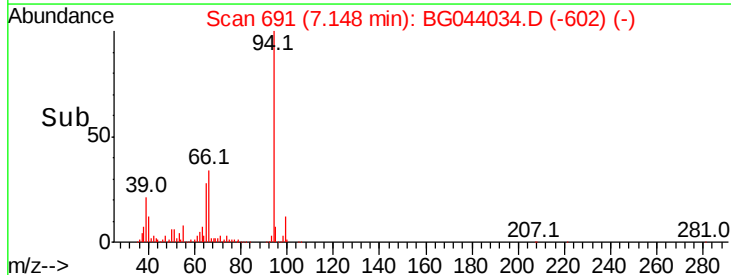
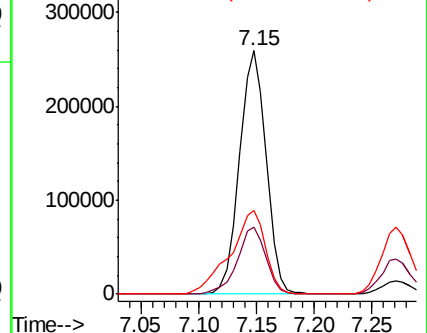
66 34.2 15.6 55.6

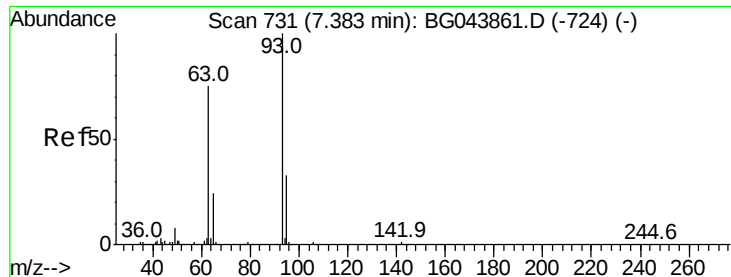


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.641 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampled :

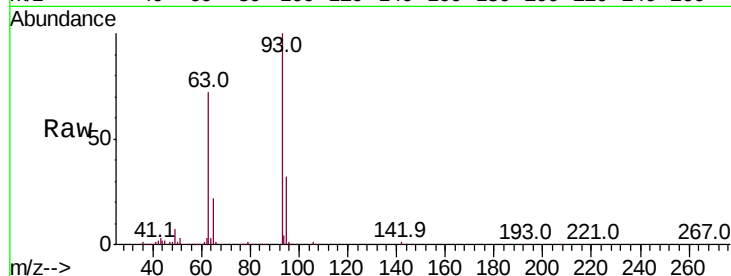
Tot Ion: 93 Resp: 328166

Ion Ratio Lower Upper

93 100

63 72.4 55.0 95.0

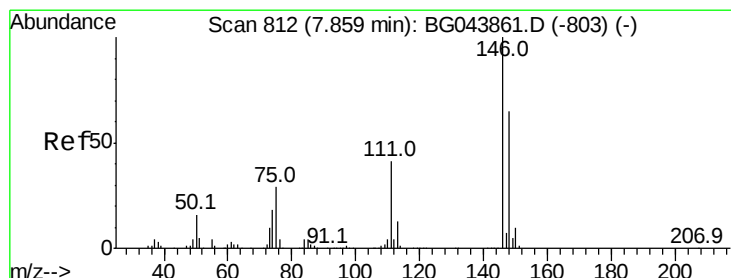
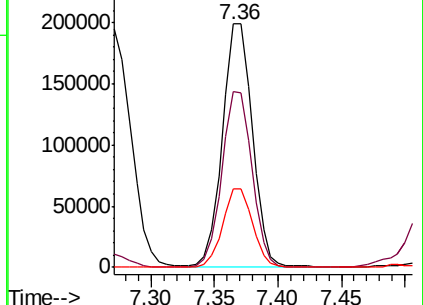
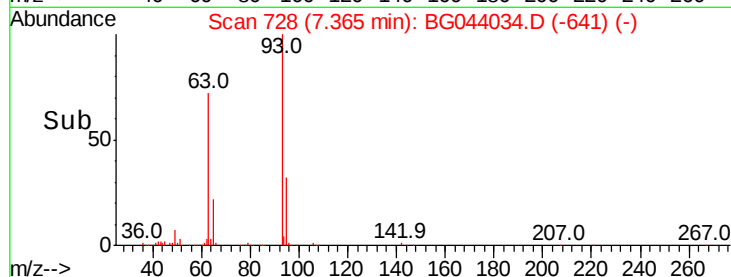
95 32.2 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.491 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

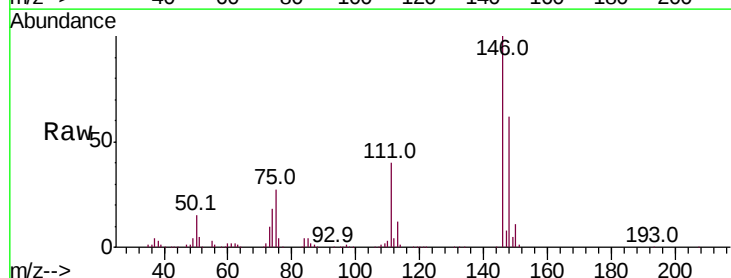
Tgt Ion: 146 Resp: 370840

Ion Ratio Lower Upper

146 100

148 62.0 52.1 78.1

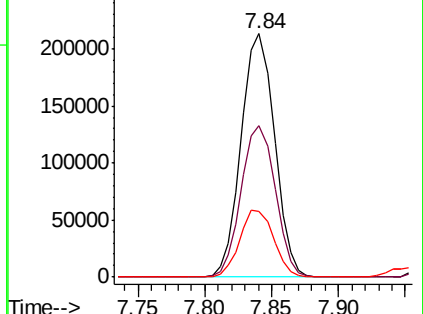
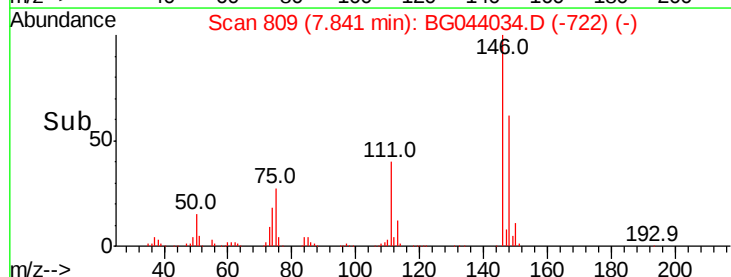
75 27.2 23.0 34.4

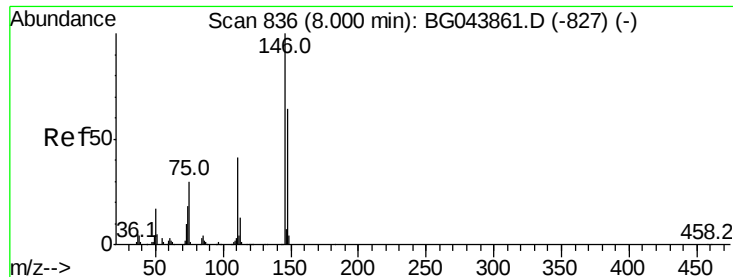


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

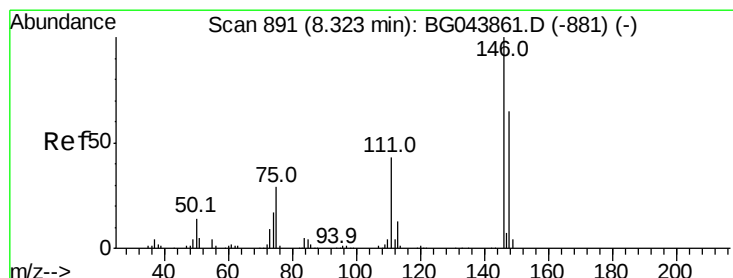
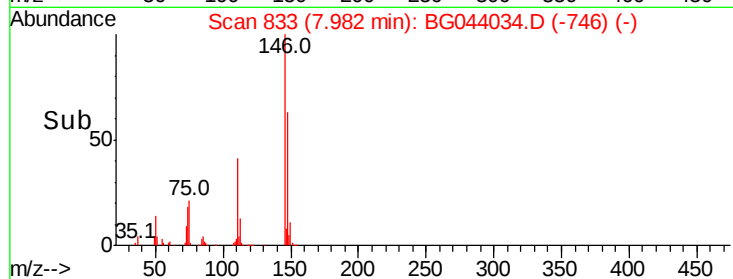
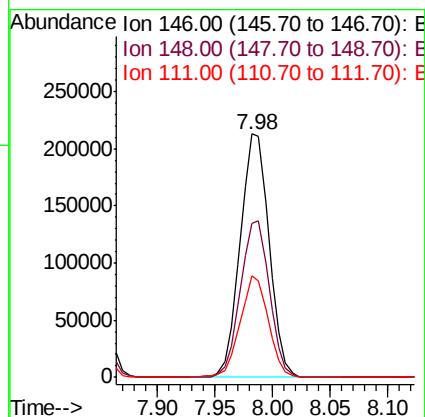
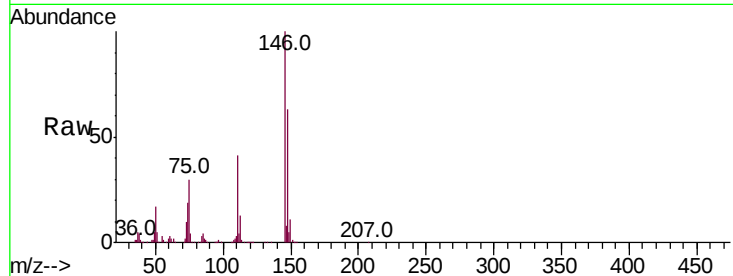




#13
 1,4-Dichlorobenzene
 Concen: 38.925 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

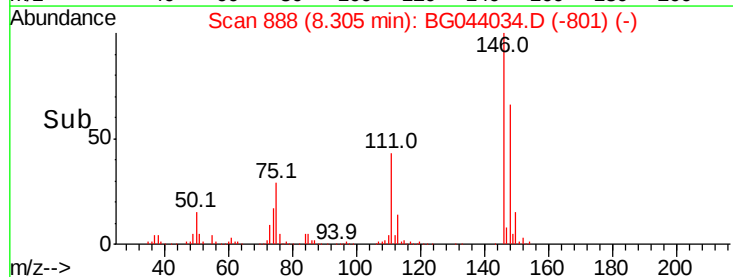
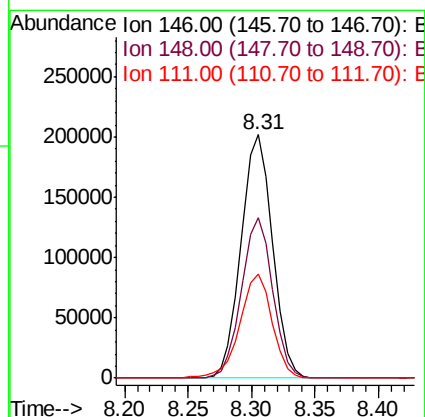
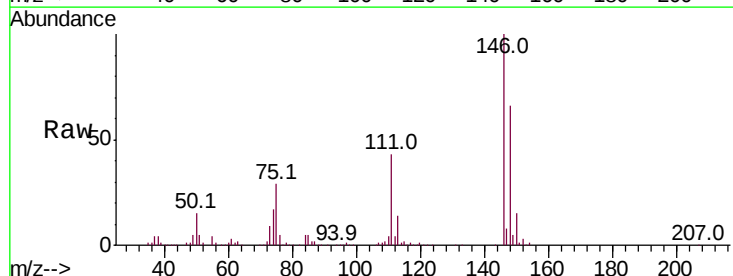
Instrument :
 BNA_G
 ClientSampled :

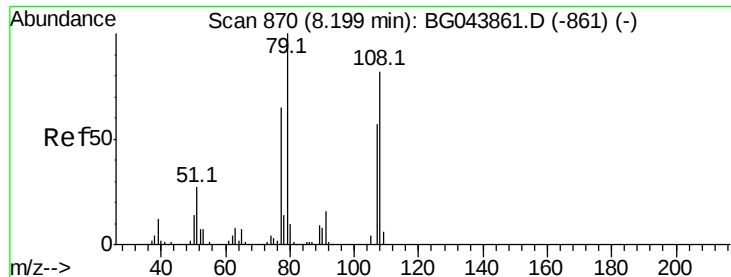
Tot Ion:146 Resp: 370024
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.2 76.8
 111 41.5 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 38.029 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion:146 Resp: 346992
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 42.7 34.4 51.6





#15

Benzyl Alcohol

Concen: 36.976 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampled :

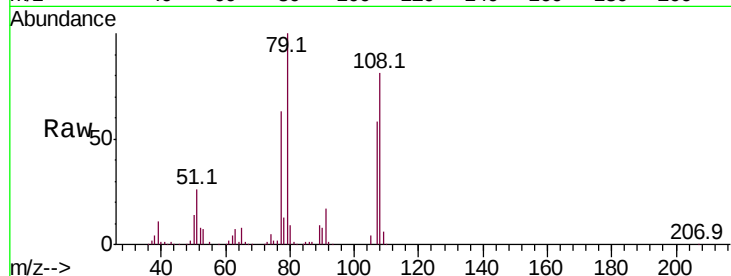
Tot Ion: 79 Resp: 286071

Ion Ratio Lower Upper

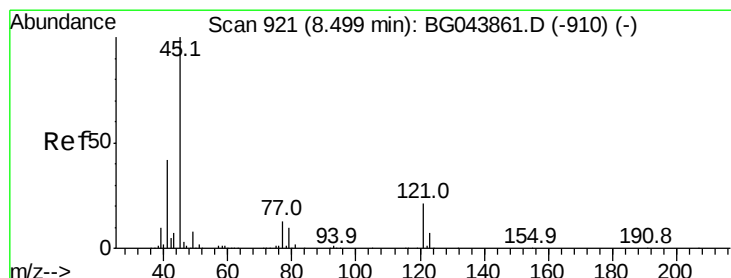
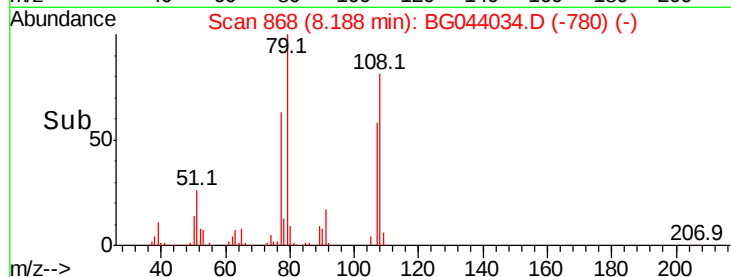
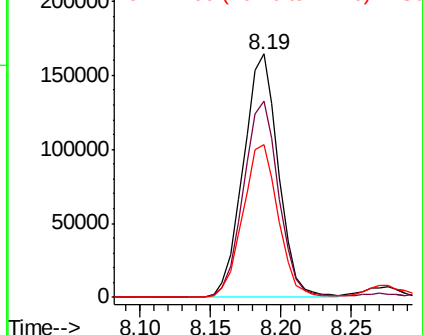
79 100

108 80.7 65.6 98.4

77 62.6 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.224 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

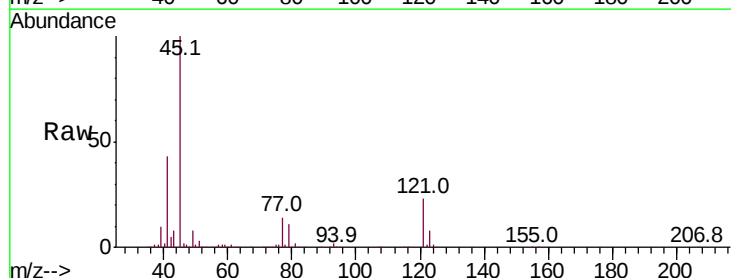
Tgt Ion: 45 Resp: 434643

Ion Ratio Lower Upper

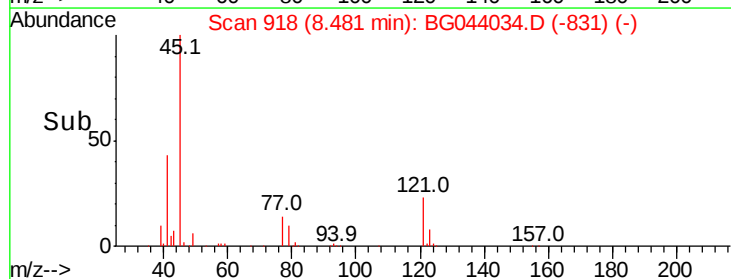
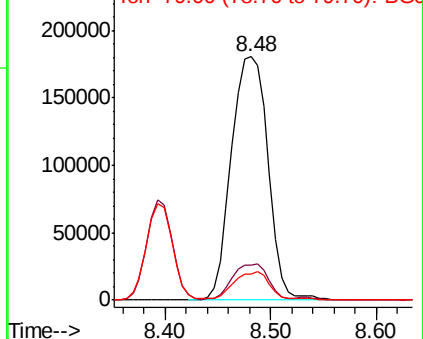
45 100

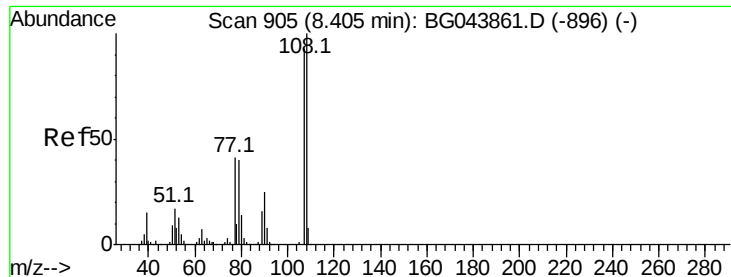
77 14.5 0.0 33.8

79 10.6 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

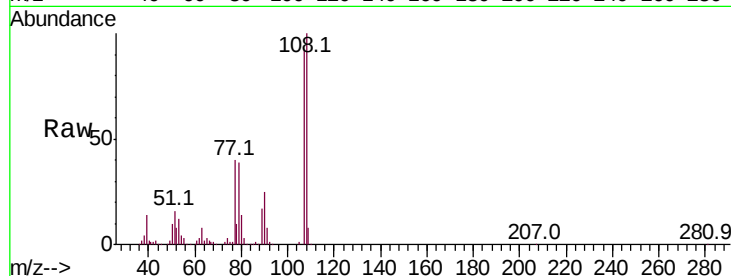




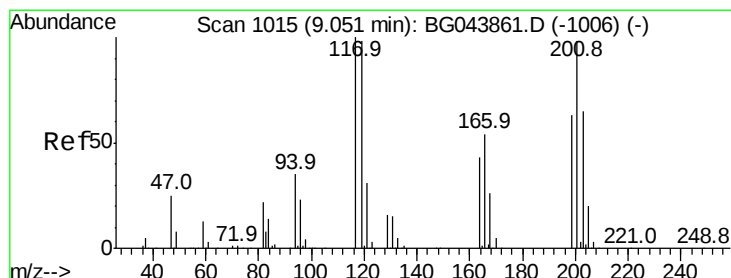
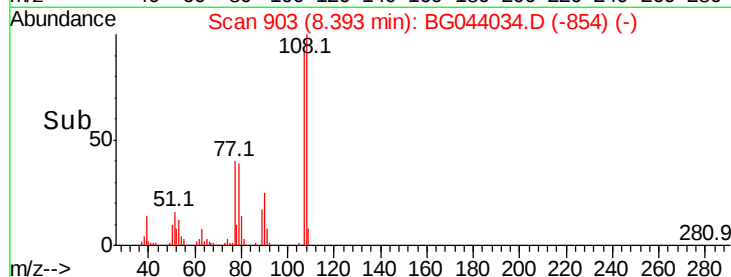
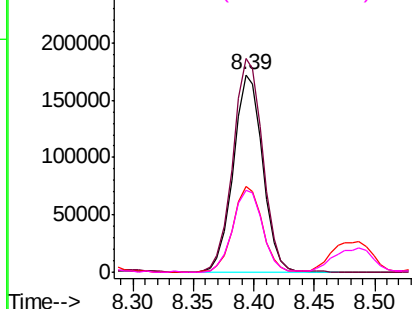
#17
2-Methylphenol
Concen: 39.788 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 290812
Ion Ratio Lower Upper
107 100
108 108.1 86.1 129.1
77 43.2 35.4 53.0
79 41.8 34.8 52.2

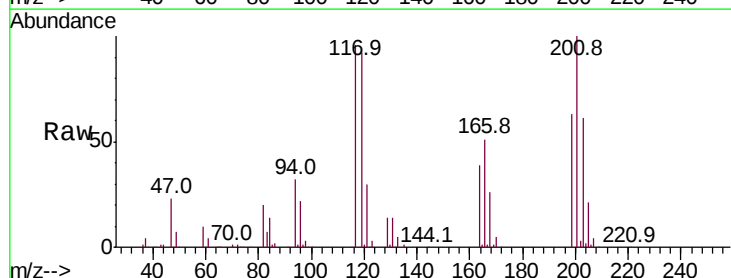


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

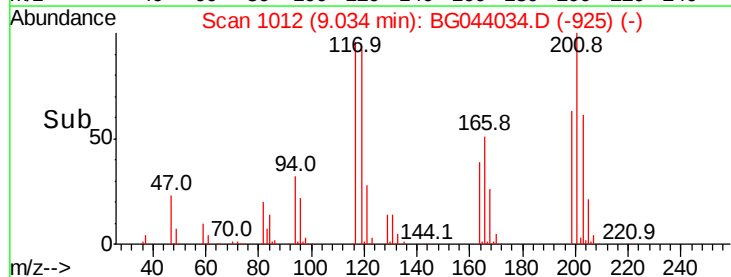
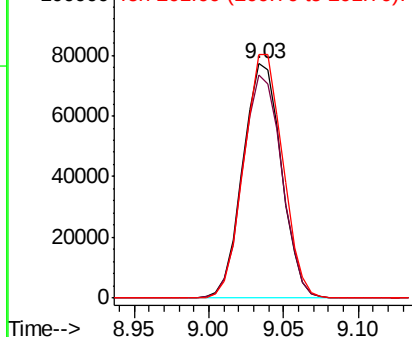


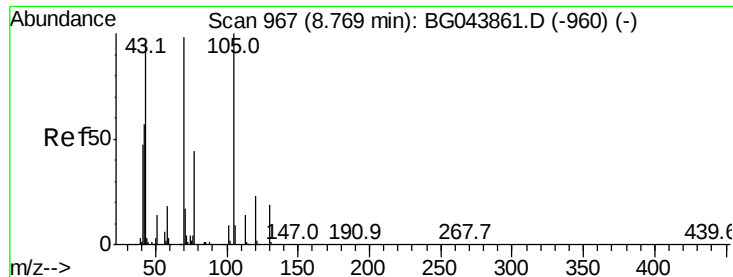
#18
Hexachloroethane
Concen: 37.246 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:117 Resp: 137770
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1
201 103.9 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.825 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 246934

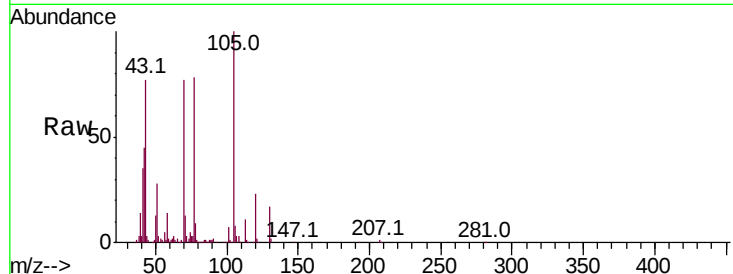
Ion Ratio Lower Upper

70 100

42 58.3 47.0 70.4

101 9.7 7.2 10.8

130 22.7 15.6 23.4

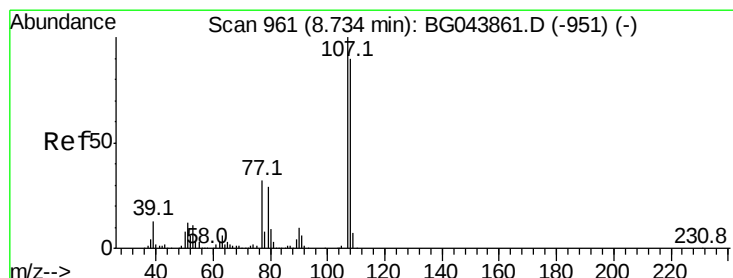
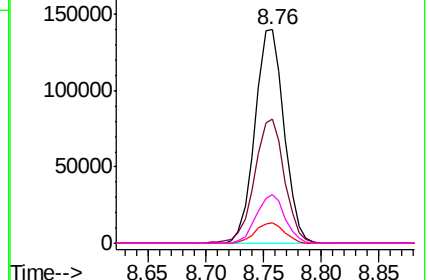
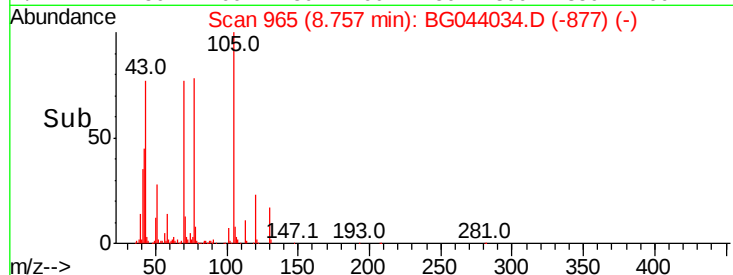


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.816 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:107 Resp: 395782

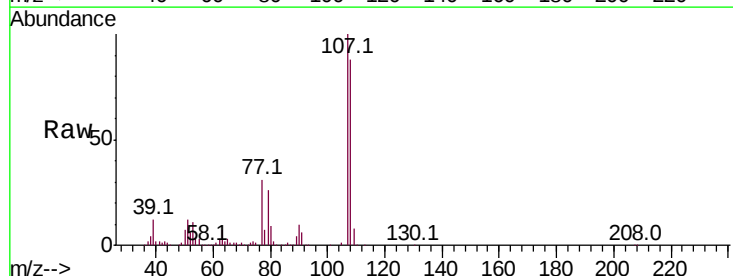
Ion Ratio Lower Upper

107 100

108 88.4 70.3 110.3

77 31.3 12.4 52.4

79 26.2 8.6 48.6

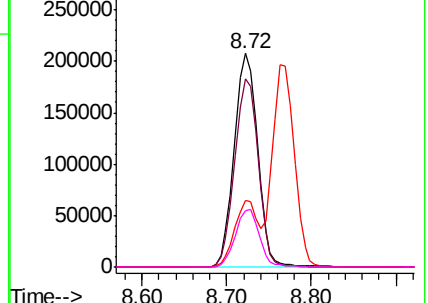
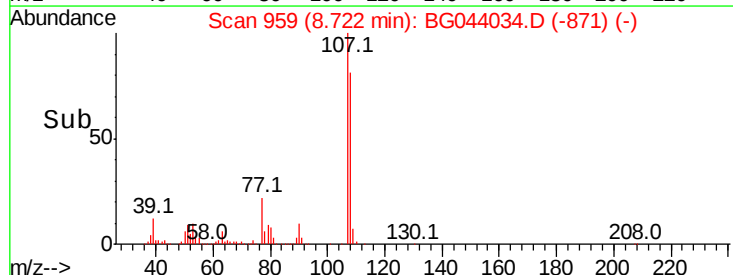


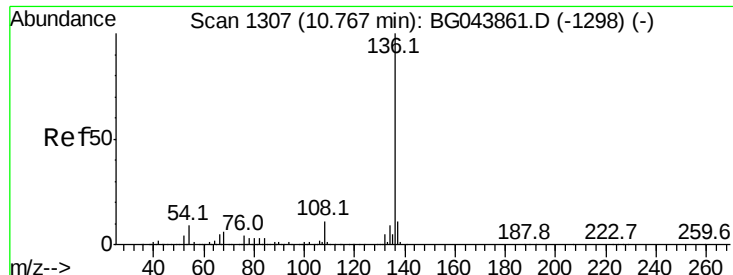
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 538604

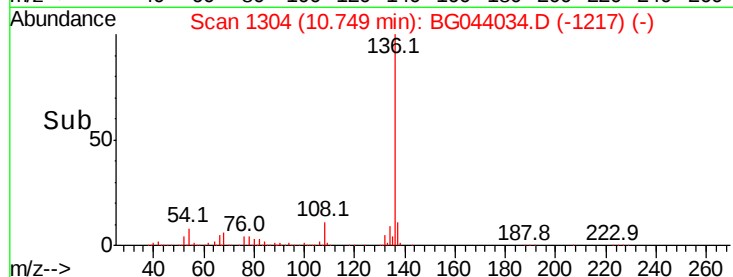
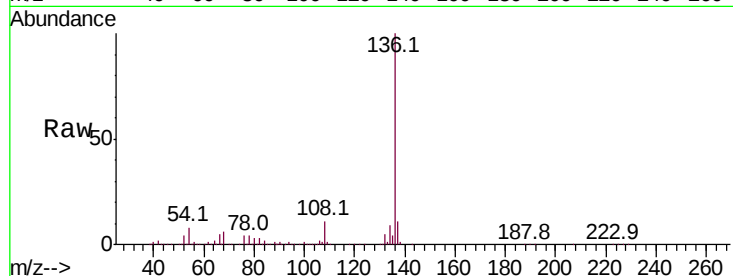
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 7.0 10.4

68 6.5 4.9 7.3



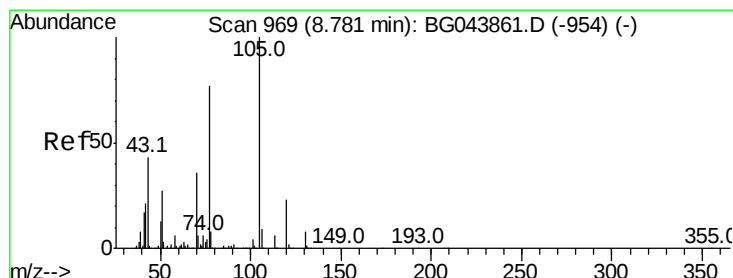
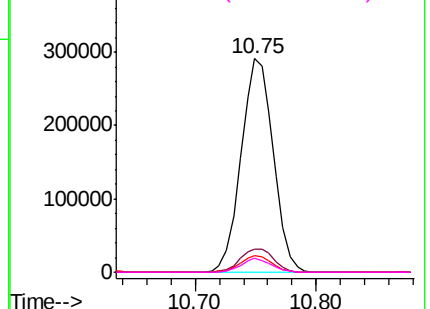
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.943 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:105 Resp: 467889

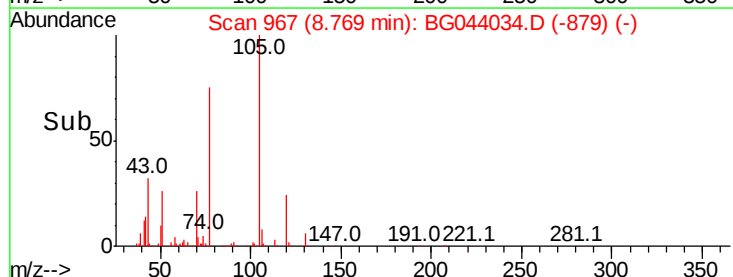
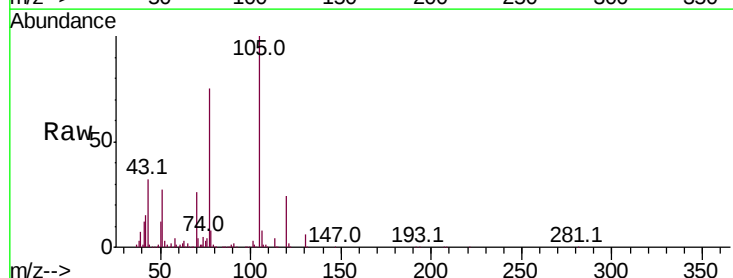
Ion Ratio Lower Upper

105 100

71 4.3 4.8 7.2#

51 26.5 21.4 32.0

120 24.0 18.6 28.0



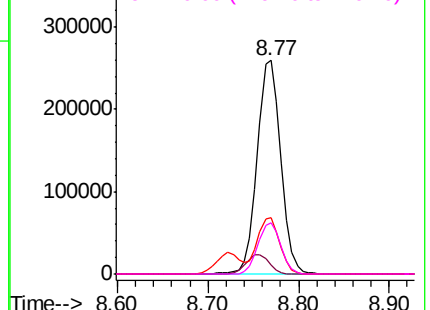
Abundance

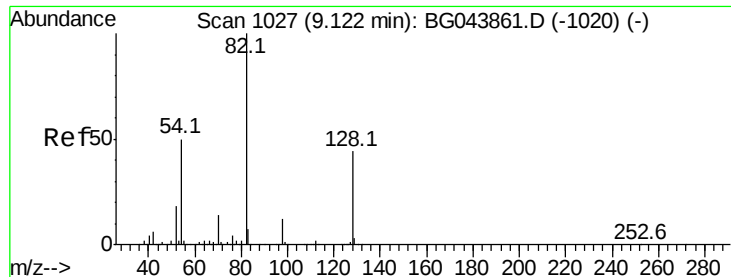
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

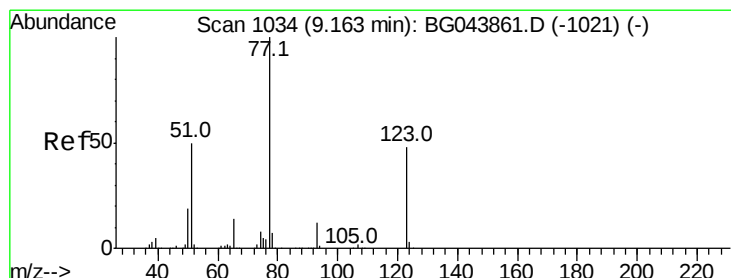
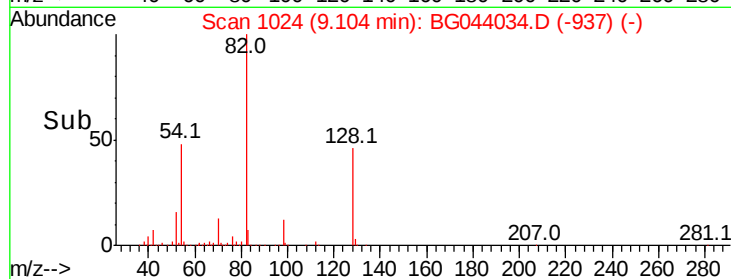
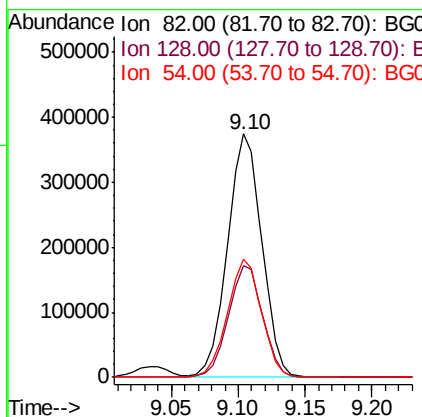
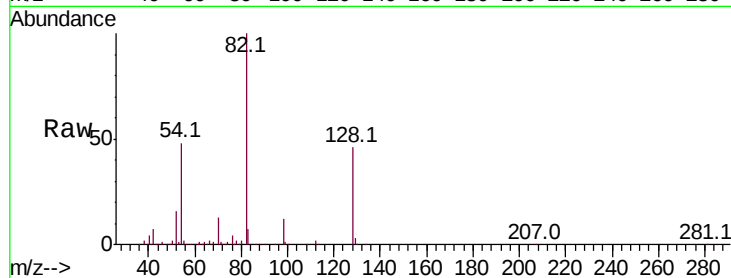




#23
Nitrobenzene-d5
Concen: 66.369 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

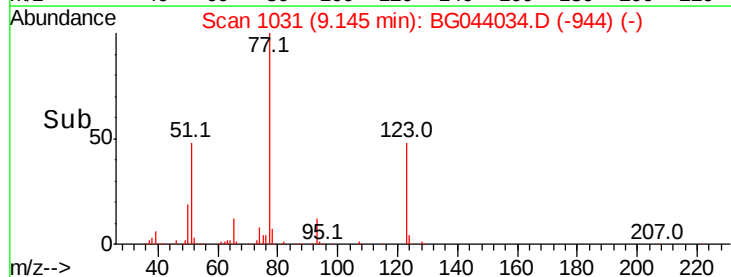
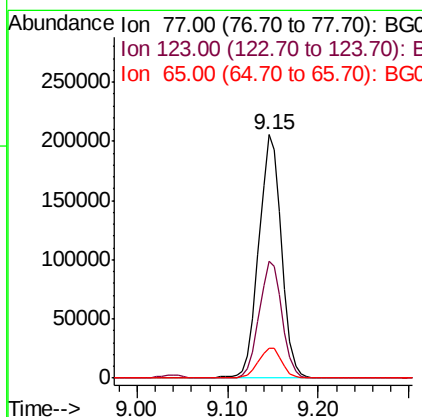
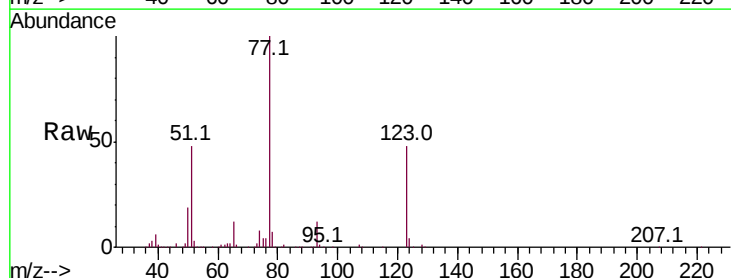
Instrument :
BNA_G
ClientSampled :

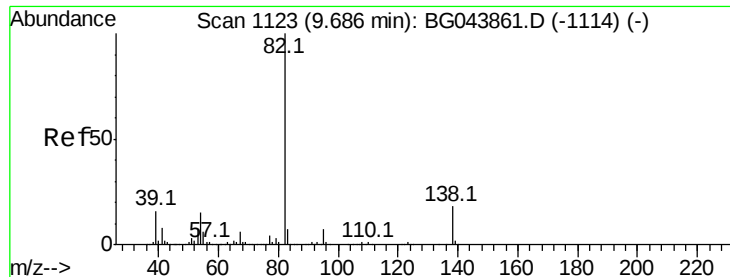
Tot Ion	82	Resp	668217
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.1	52.7
54	48.5	40.1	60.1



#24
Nitrobenzene
Concen: 35.738 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	77	Resp	356367
Ion Ratio	Lower	Upper	
77	100		
123	47.9	38.7	58.1
65	12.2	11.1	16.7

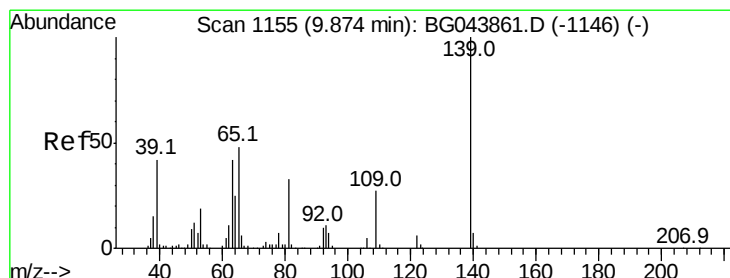
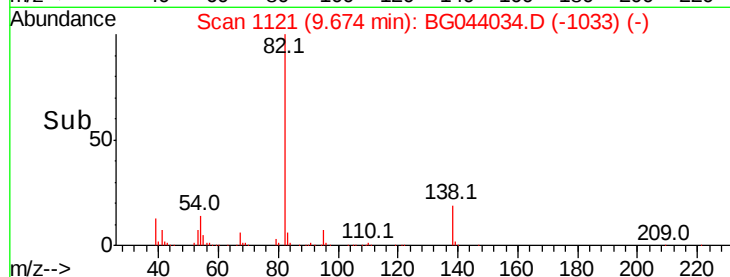
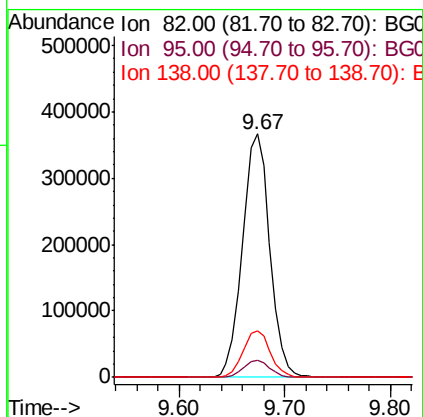
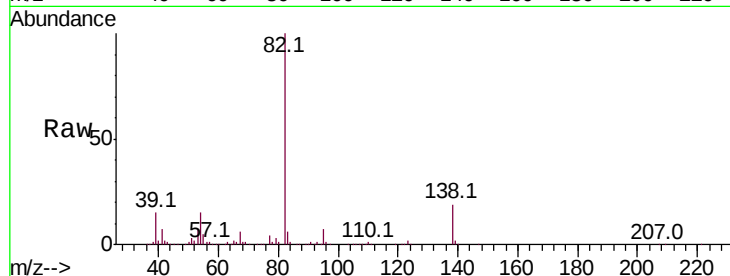




#25
Isophorone
Concen: 34.908 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

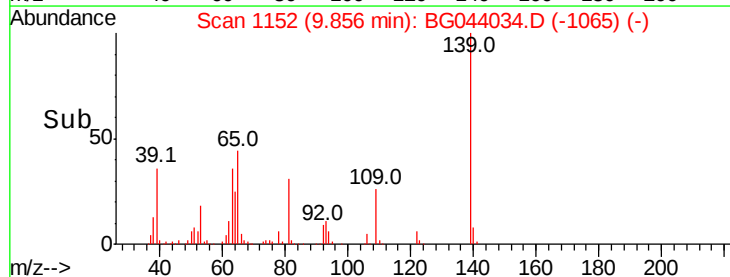
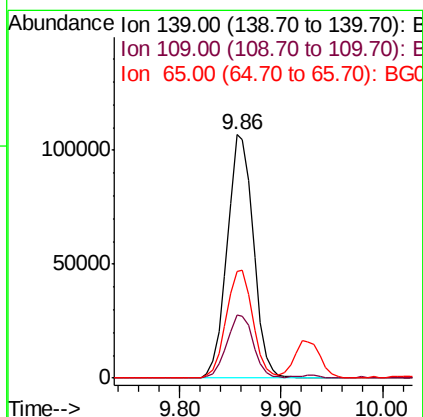
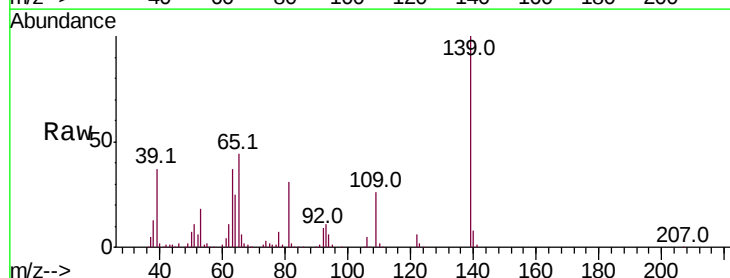
Instrument :
BNA_G
ClientSampleId :

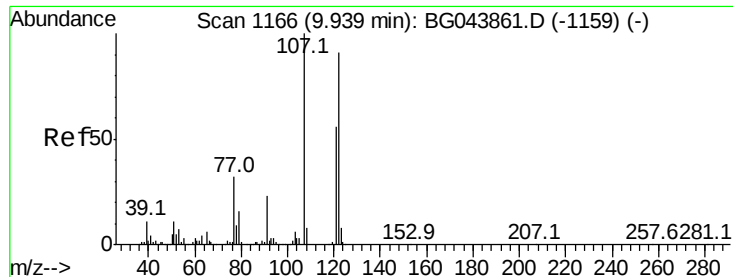
Tot Ion: 82 Resp: 659378
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 19.1 14.6 22.0



#26
2-Nitrophenol
Concen: 40.645 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion: 139 Resp: 191753
Ion Ratio Lower Upper
139 100
109 25.9 21.3 31.9
65 44.1 38.6 57.8

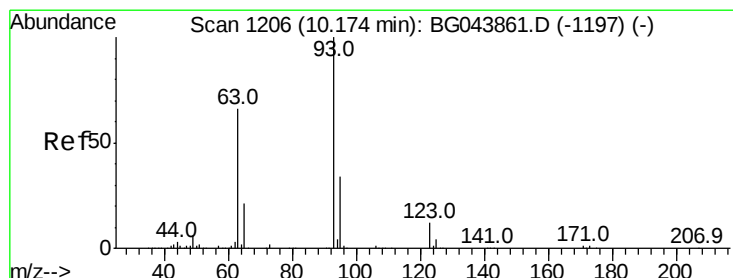
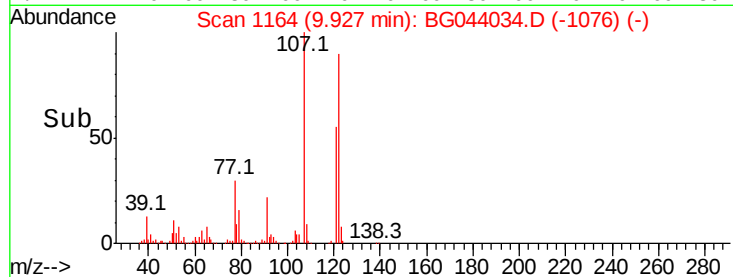
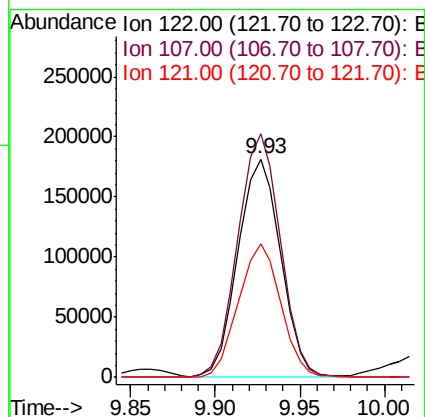
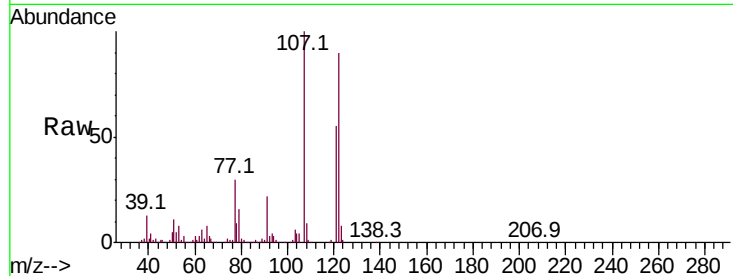




#27
2,4-Dimethylphenol
Concen: 44.862 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

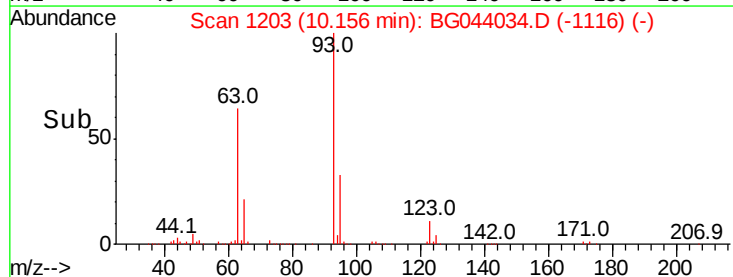
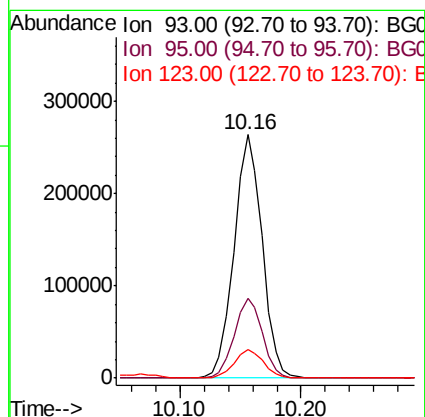
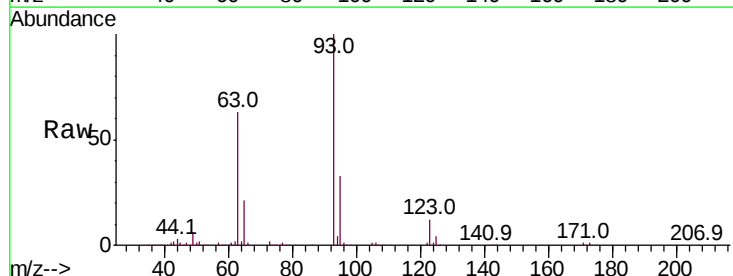
Instrument :
BNA_G
ClientSampled :

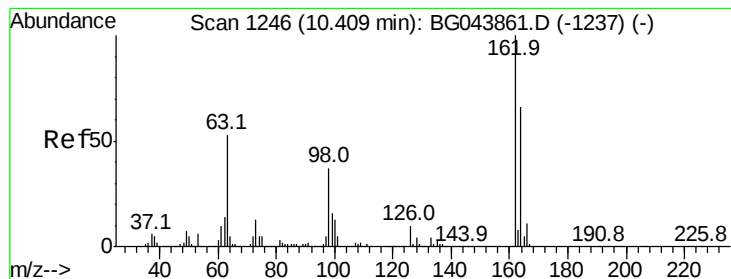
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.0	132.0
121	61.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 33.918 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.2	40.8
123	11.5	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 39.199 ng

RT: 10.40 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampled :

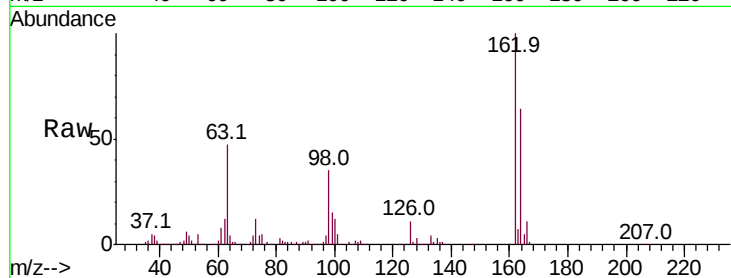
Tot Ion:162 Resp: 332058

Ion Ratio Lower Upper

162 100

164 64.5 46.3 86.3

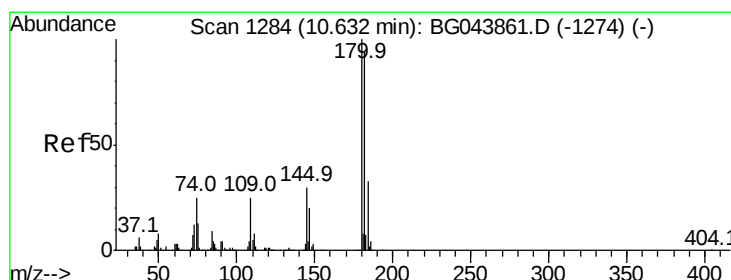
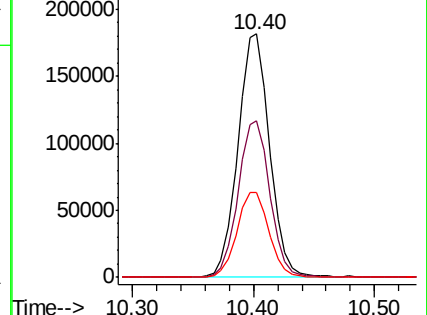
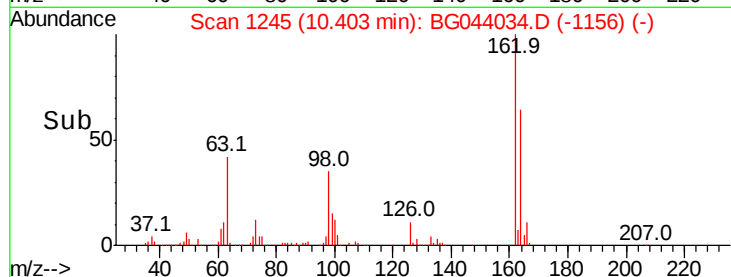
98 34.7 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.410 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

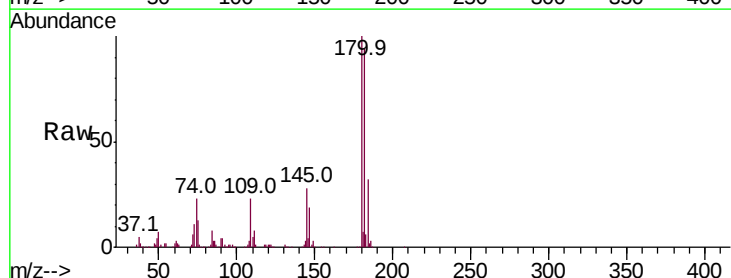
Tgt Ion:180 Resp: 345825

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

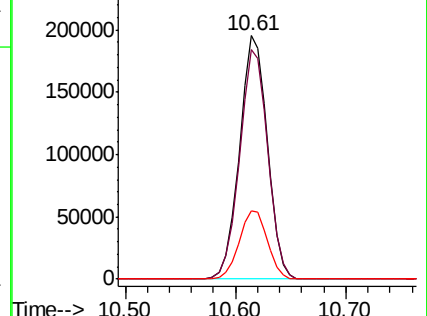
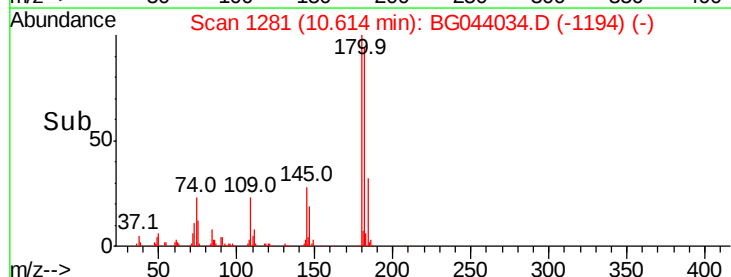
145 28.1 24.2 36.4

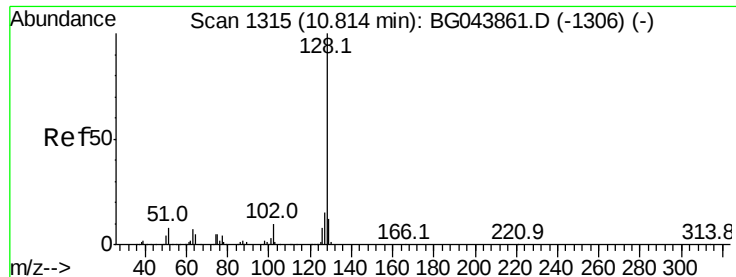


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

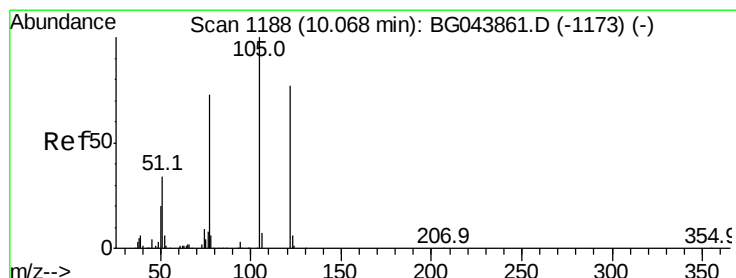
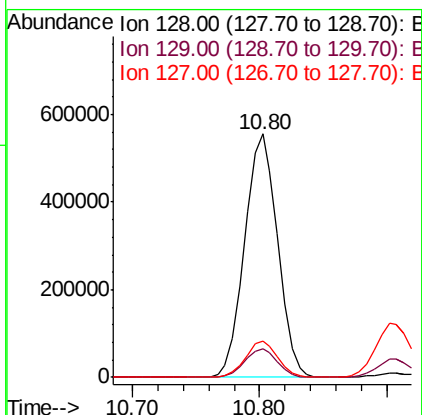
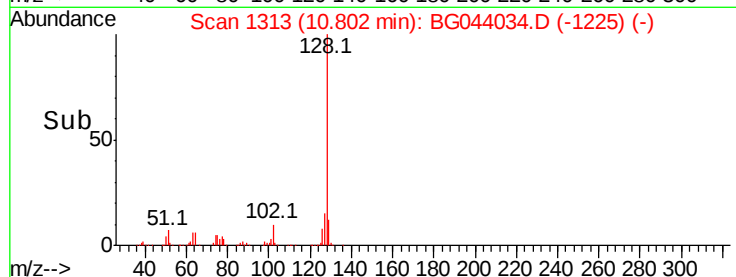
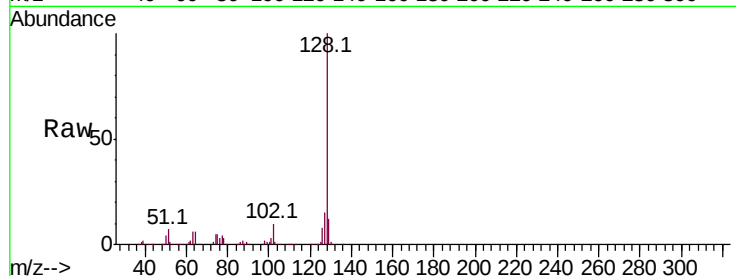




#31
Naphthalene
Concen: 38.478 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

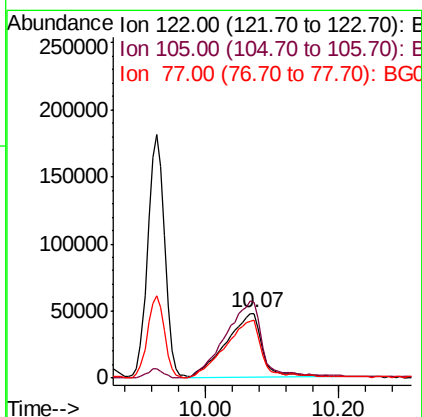
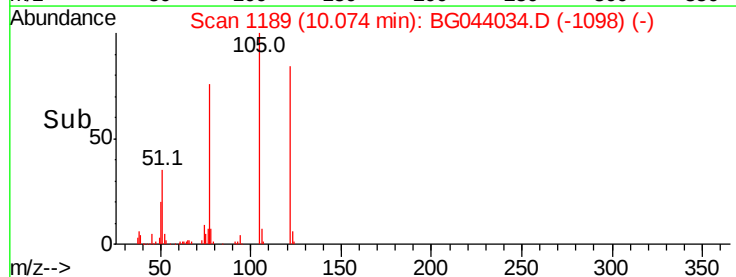
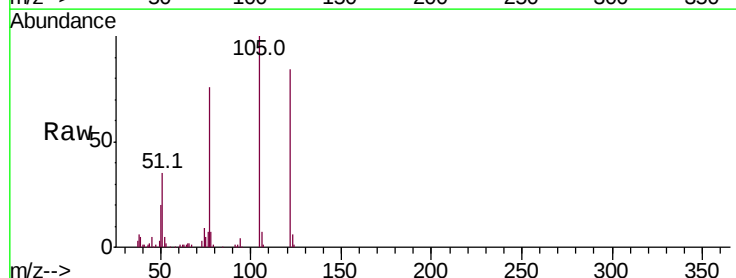
Instrument :
BNA_G
ClientSampleId :

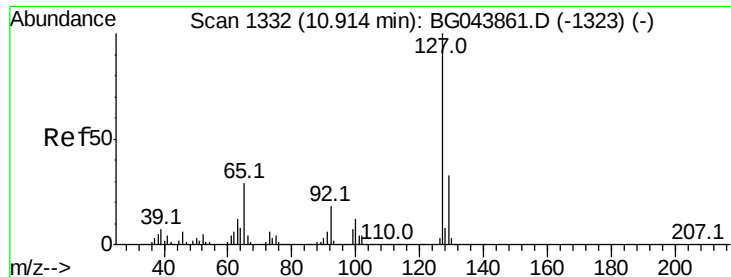
Tot Ion:128 Resp: 1002892
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 15.0 12.0 18.0



#32
Benzoic acid
Concen: 32.974 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:122 Resp: 177664
Ion Ratio Lower Upper
122 100
105 118.6 106.4 146.4
77 90.6 74.6 114.6

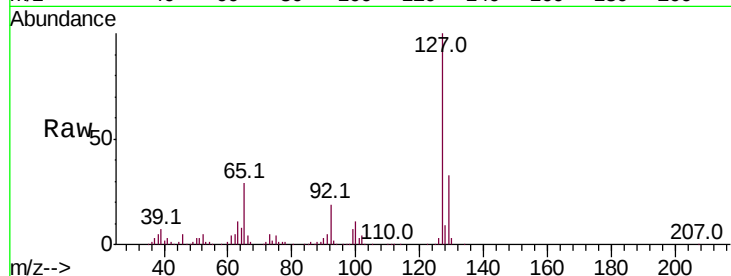




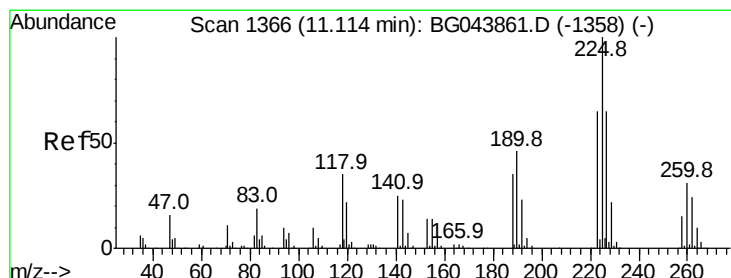
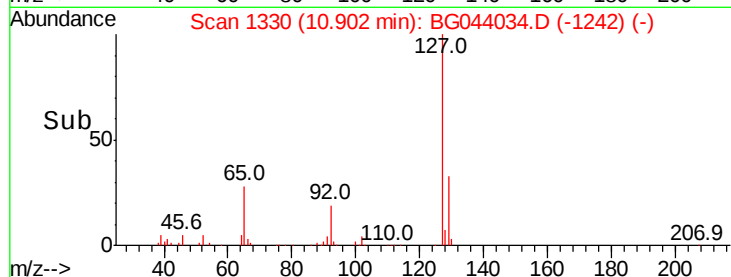
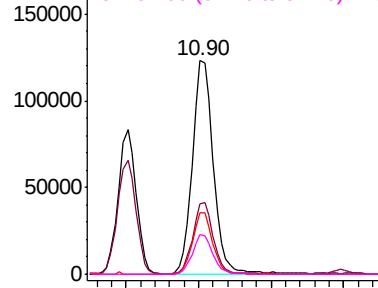
#33
4-Chloroaniline
Concen: 20.069 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	249482
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	28.5	23.3	34.9
92	18.7	14.7	22.1

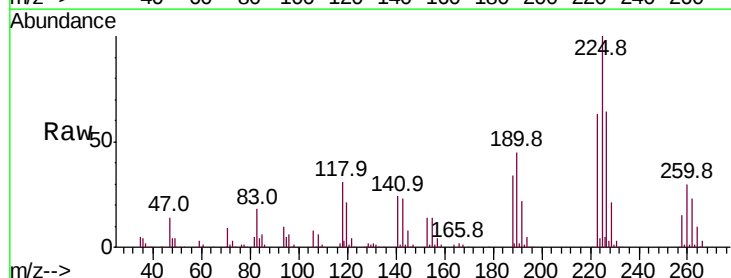


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

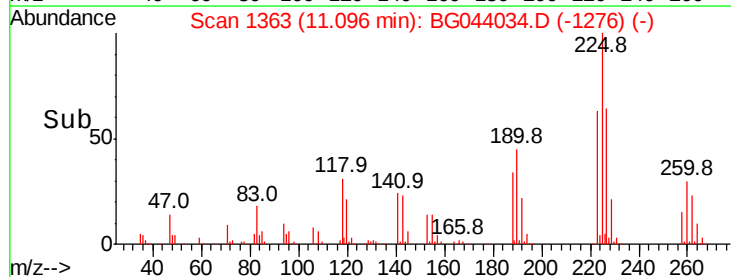
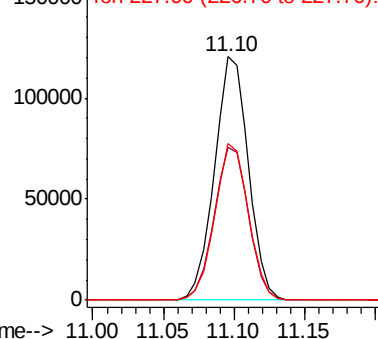


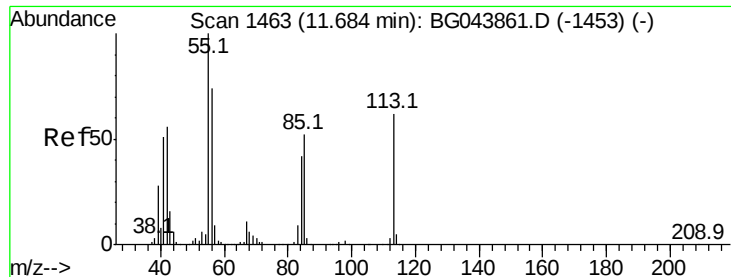
#34
Hexachlorobutadiene
Concen: 35.055 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:	225	Resp:	203290
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	64.1	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.171 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

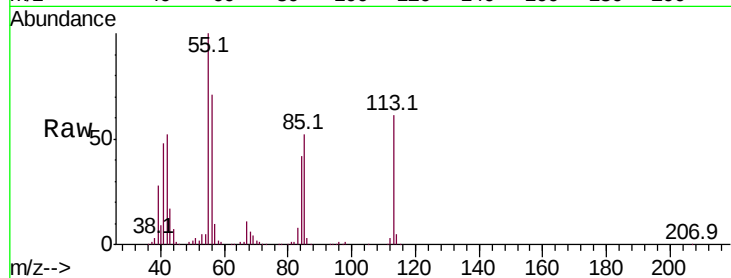
Tot Ion:113 Resp: 82529

Ion Ratio Lower Upper

113 100

55 162.8 142.5 182.5

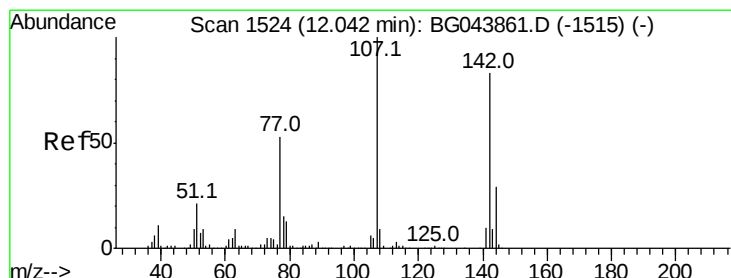
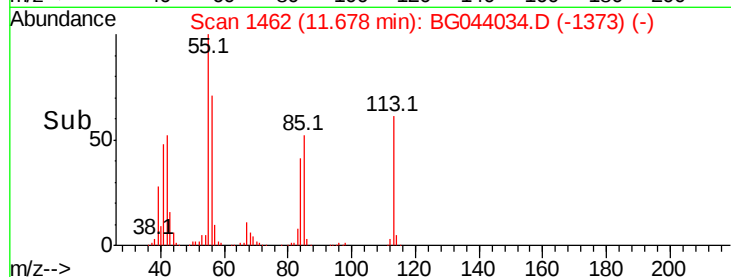
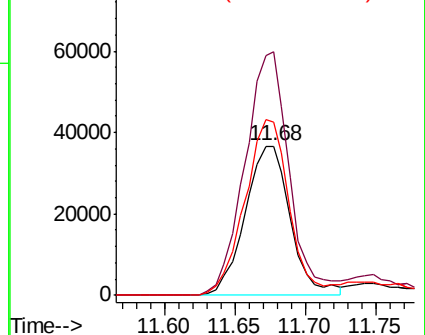
56 116.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.362 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

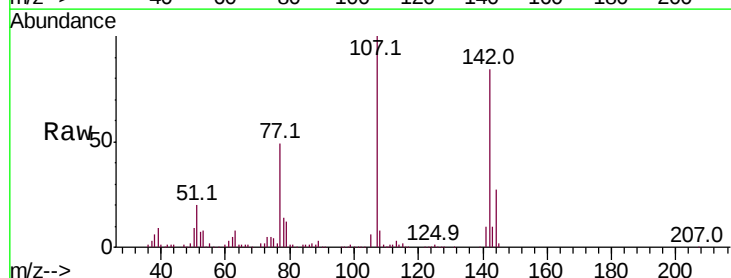
Tgt Ion:107 Resp: 345949

Ion Ratio Lower Upper

107 100

144 26.8 23.4 35.2

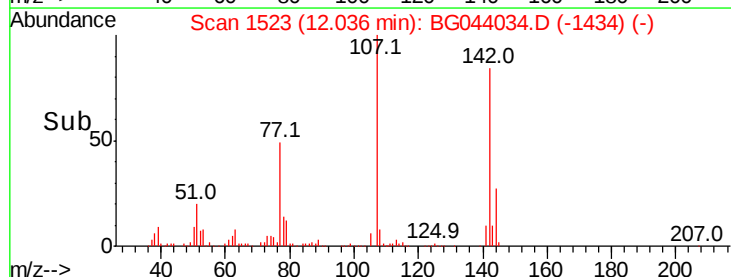
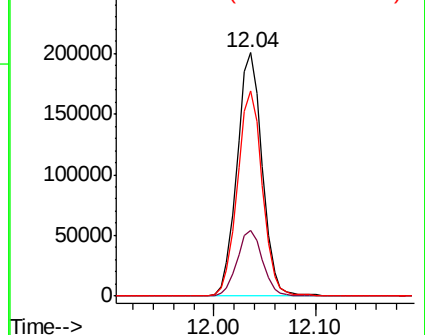
142 84.3 66.3 99.5

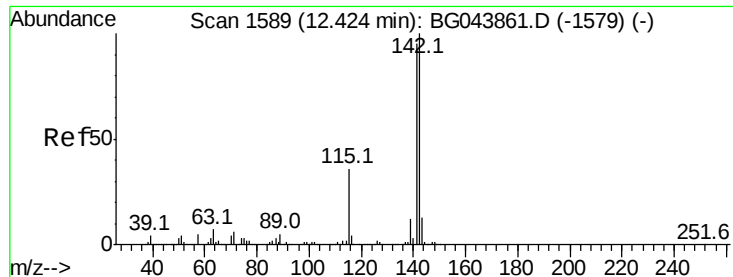


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

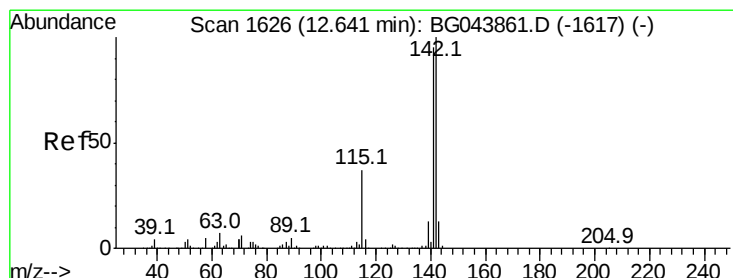
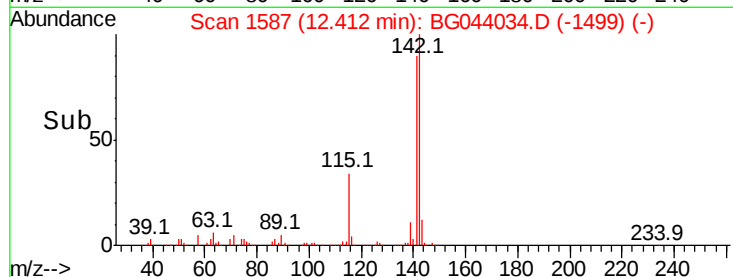
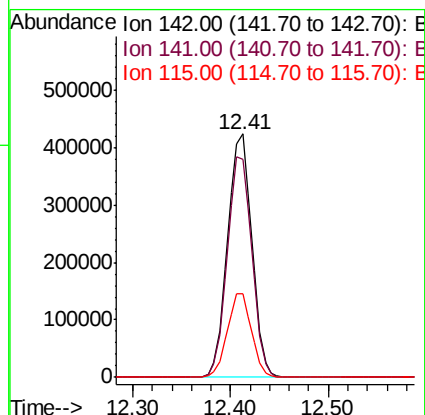
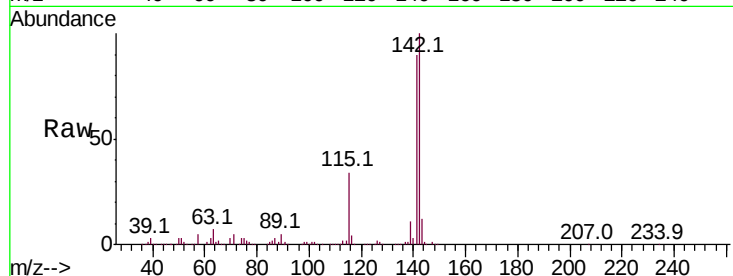




#37
2-Methylnaphthalene
Concen: 37.311 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

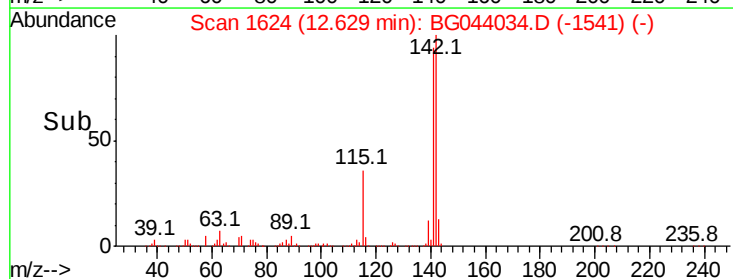
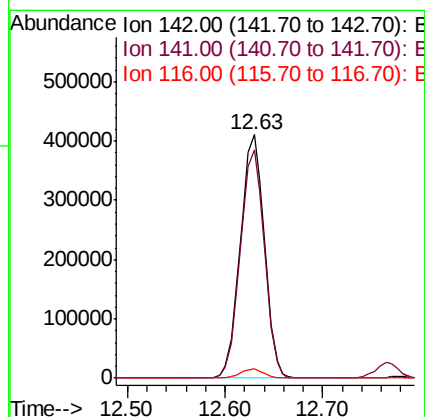
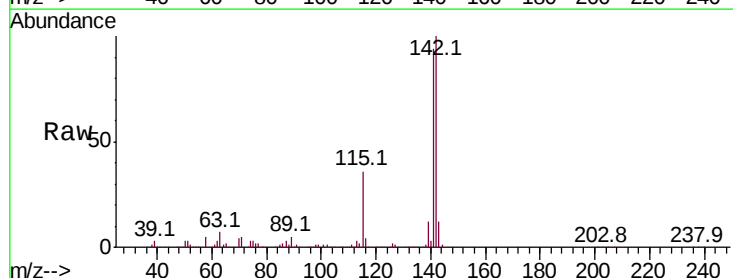
Instrument :
BNA_G
ClientSampled :

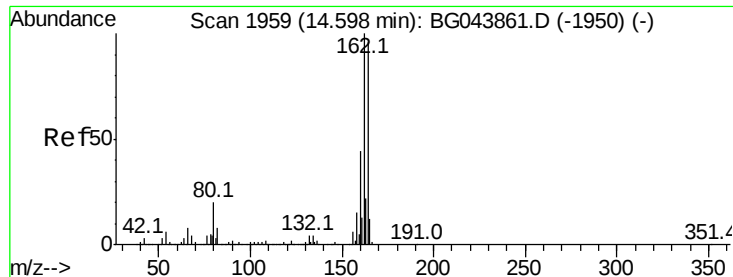
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.8	113.8
115	34.3	28.6	42.8



#38
1-Methylnaphthalene
Concen: 37.610 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.0	114.0
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

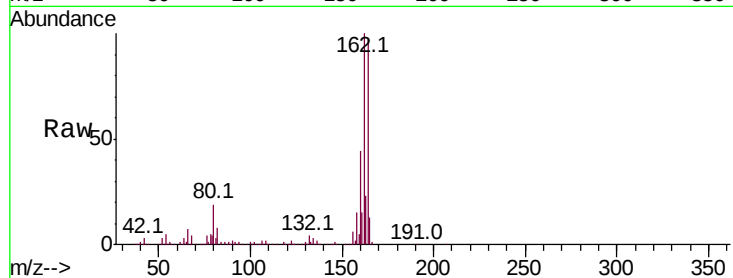
Tot Ion:164 Resp: 338022

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

160 45.4 36.1 54.1

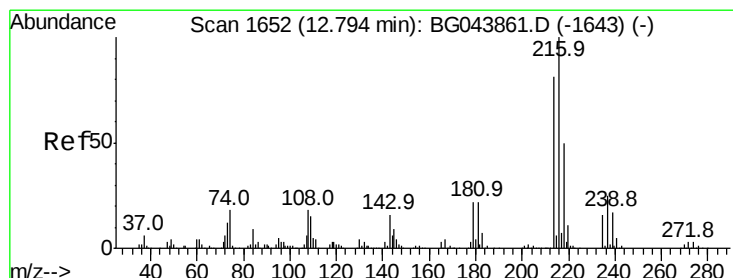
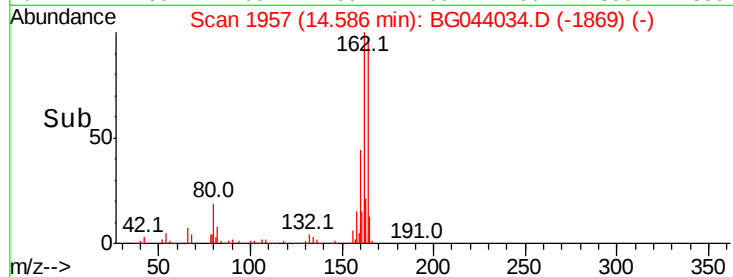
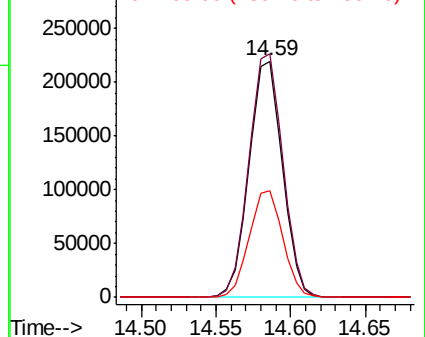


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.832 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:216 Resp: 355004

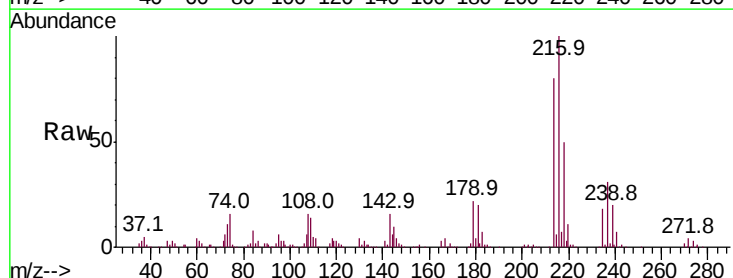
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.7 17.3 25.9

108 18.9 15.3 22.9



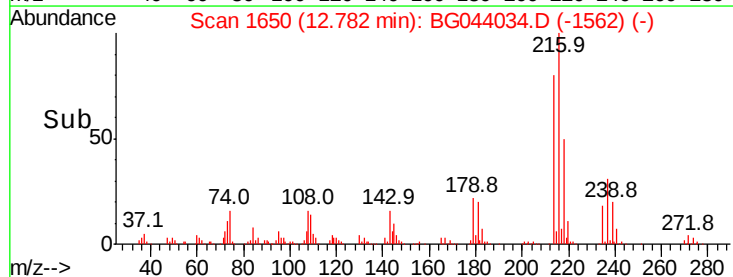
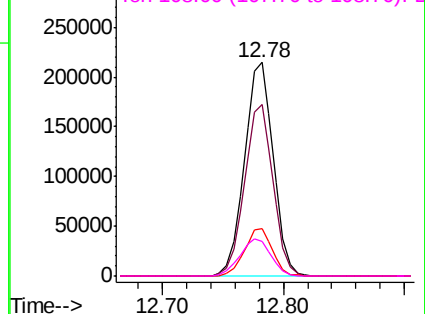
Abundance

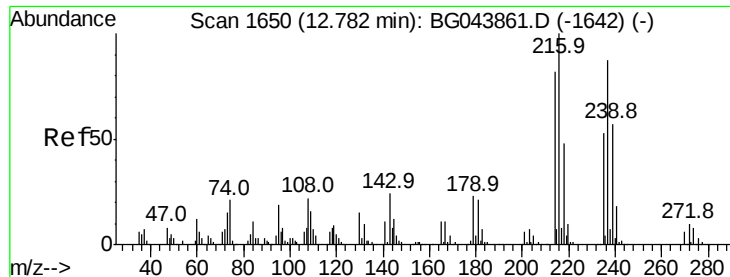
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.306 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

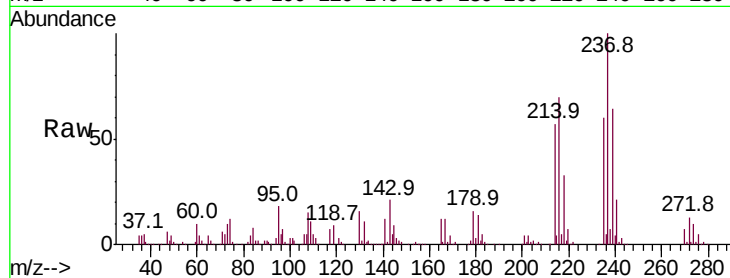
Tot Ion:237 Resp: 340574

Ion Ratio Lower Upper

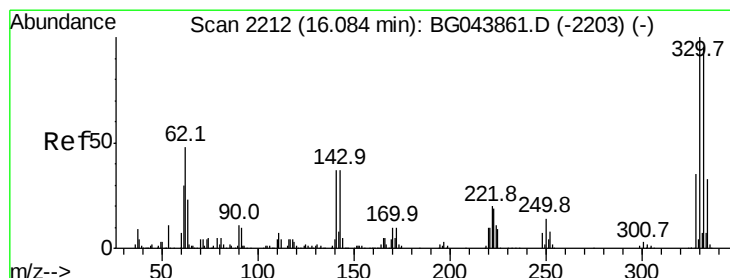
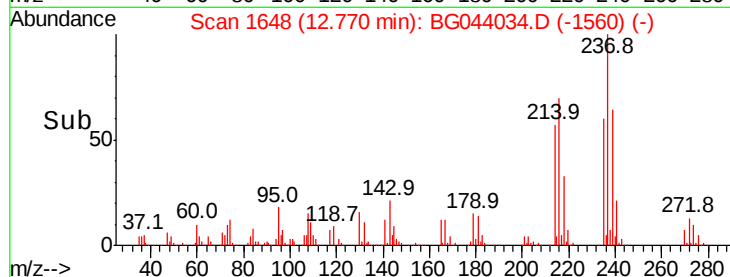
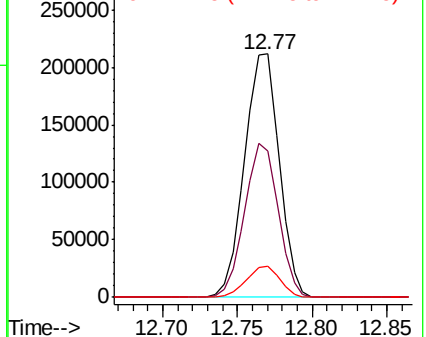
237 100

235 60.3 41.1 81.1

272 13.0 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.047 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

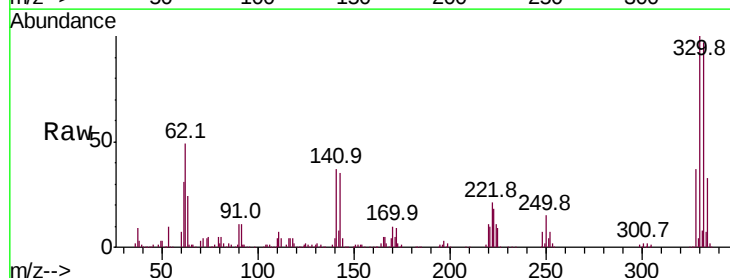
Tgt Ion:330 Resp: 399883

Ion Ratio Lower Upper

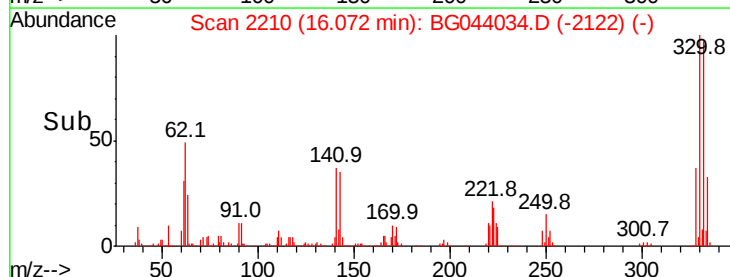
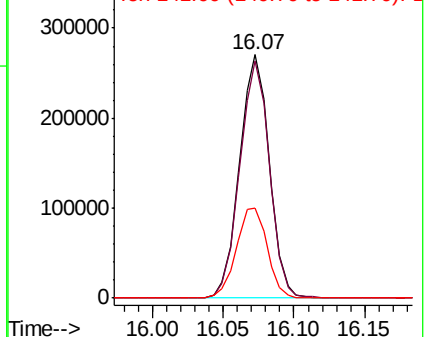
330 100

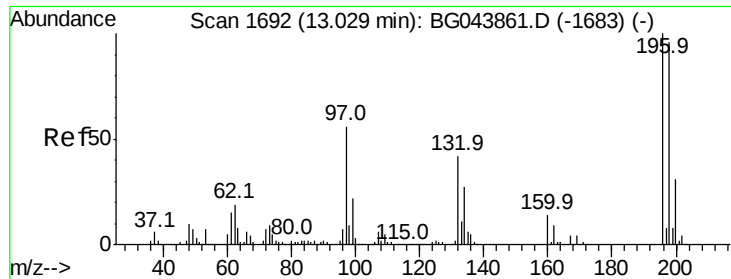
332 97.1 77.2 115.8

141 38.6 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

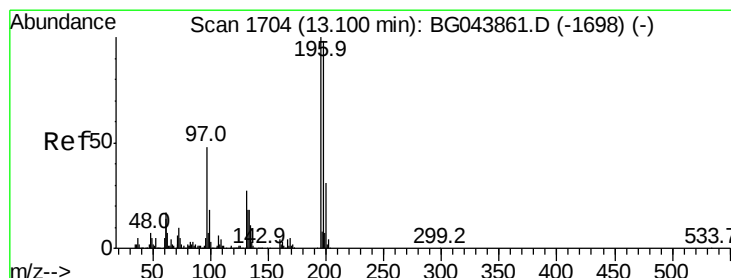
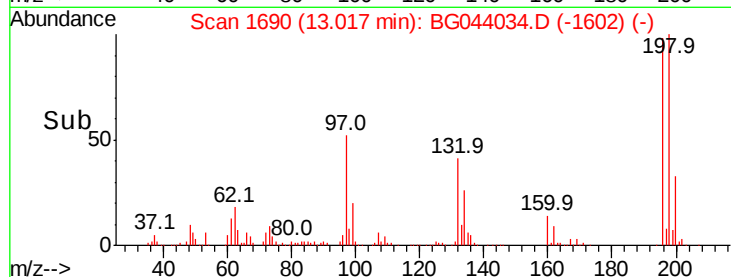
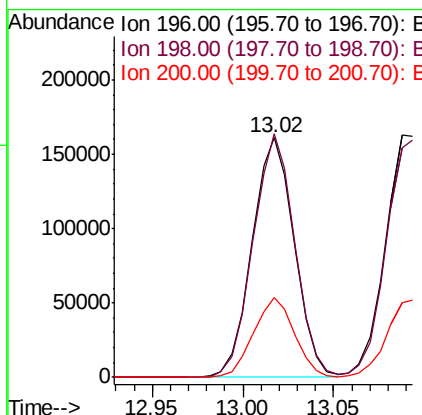
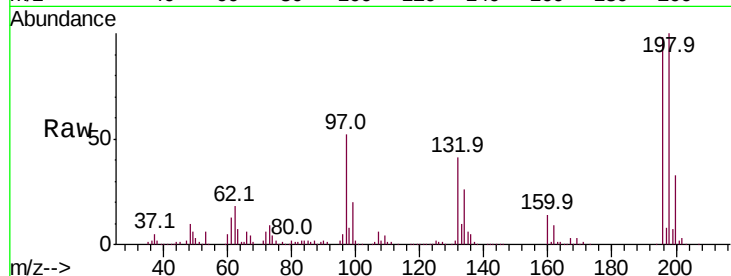




#43
 2,4,6-Trichlorophenol
 Concen: 38.168 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

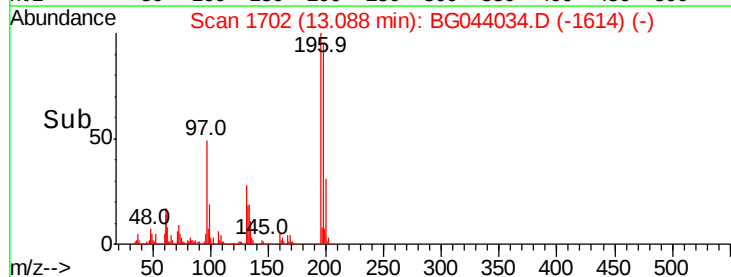
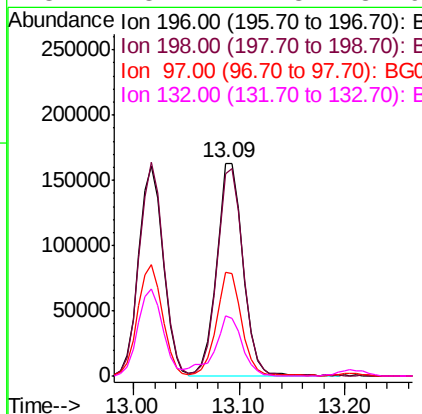
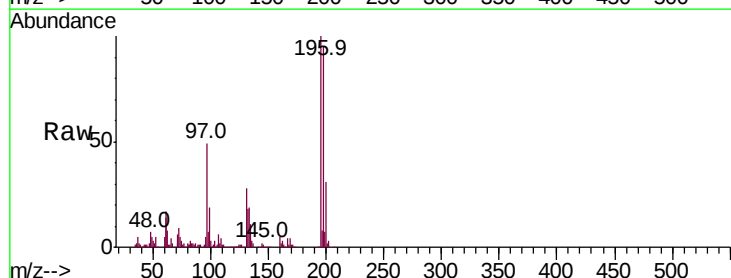
Instrument :
 BNA_G
 ClientSampleId :

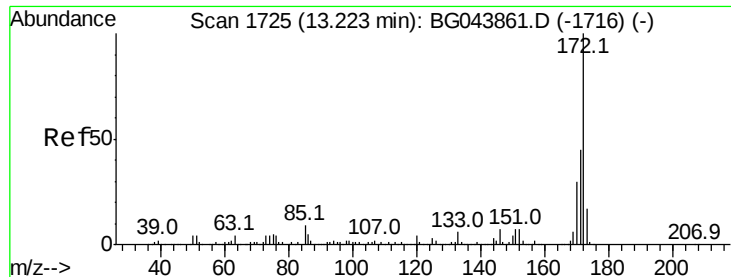
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.7	76.6	115.0
200	33.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.107 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.3	117.5
97	48.7	38.8	58.2
132	28.4	21.3	31.9

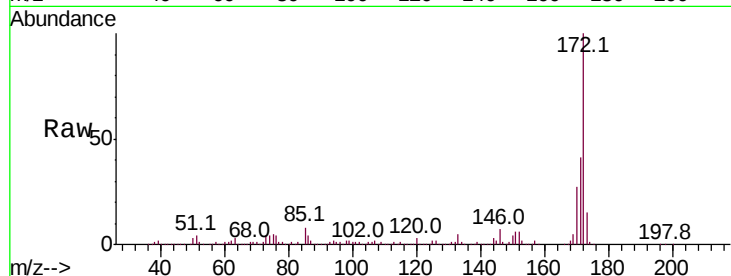




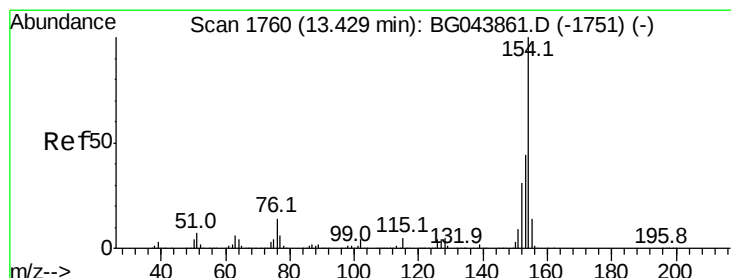
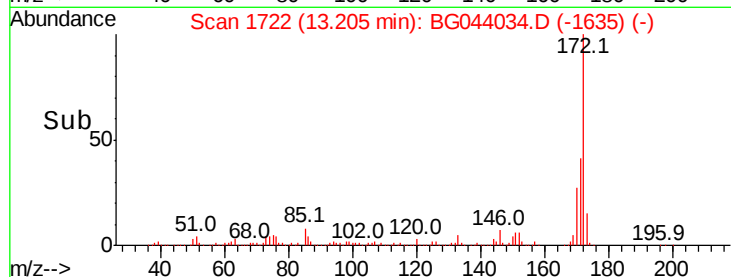
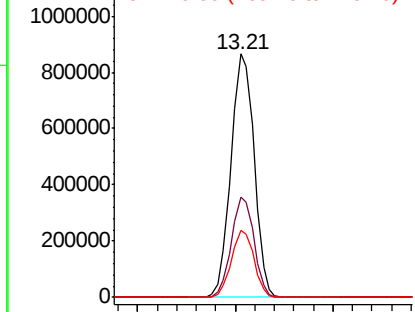
#45
2-Fluorobiphenyl
Concen: 76.523 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1427691
Ion Ratio Lower Upper
172 100
171 41.2 35.8 53.8
170 27.5 24.2 36.4

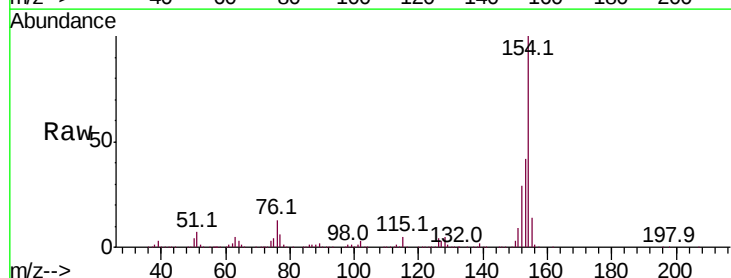


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

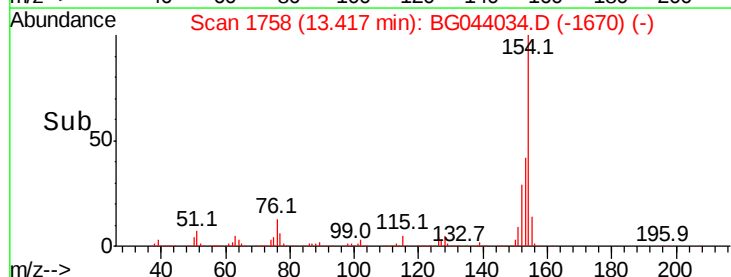
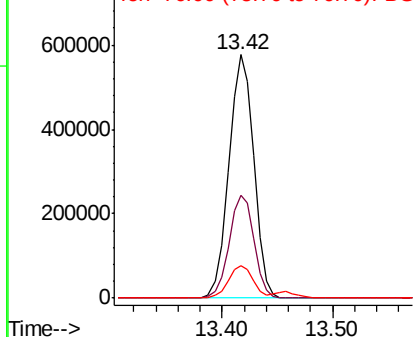


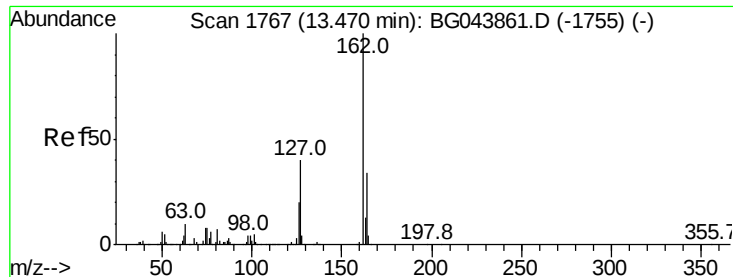
#46
1,1'-Biphenyl
Concen: 37.543 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:154 Resp: 909891
Ion Ratio Lower Upper
154 100
153 42.4 23.6 63.6
76 13.3 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

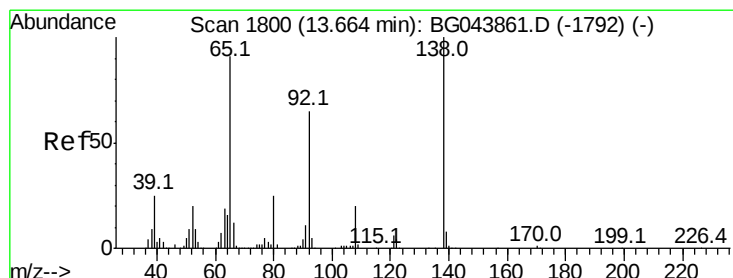
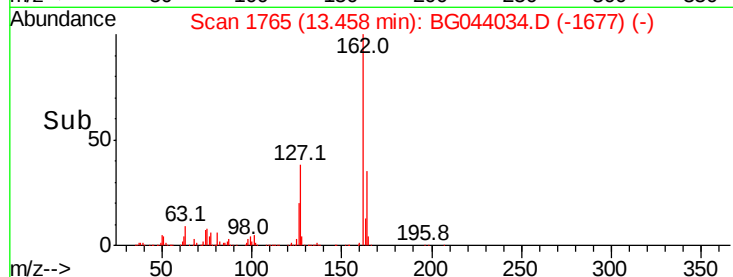
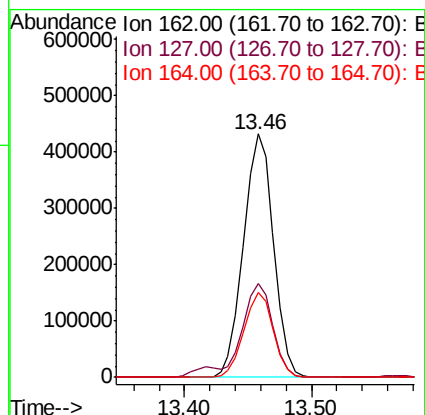
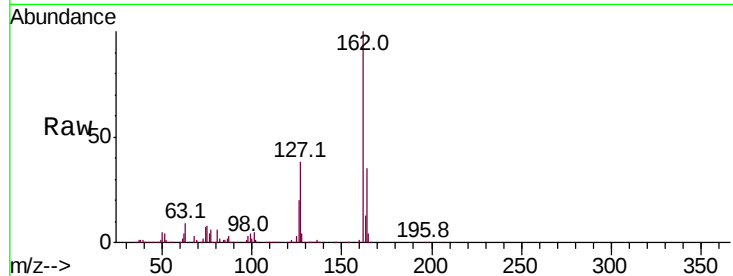




#47
2-Chloronaphthalene
Concen: 36.216 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

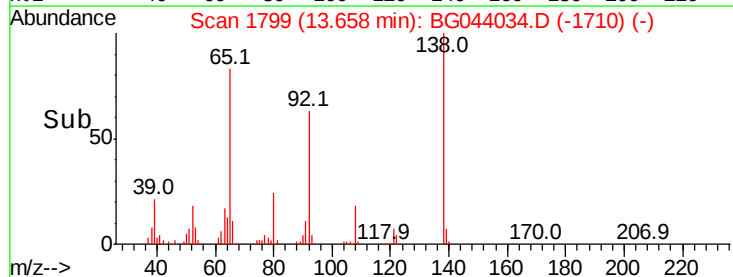
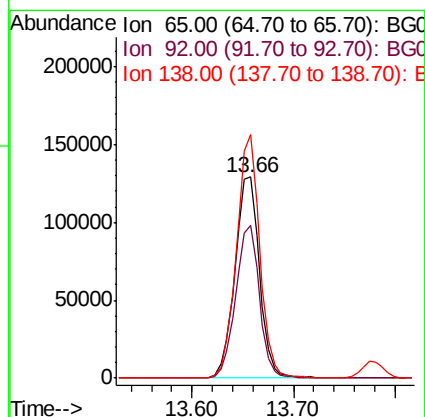
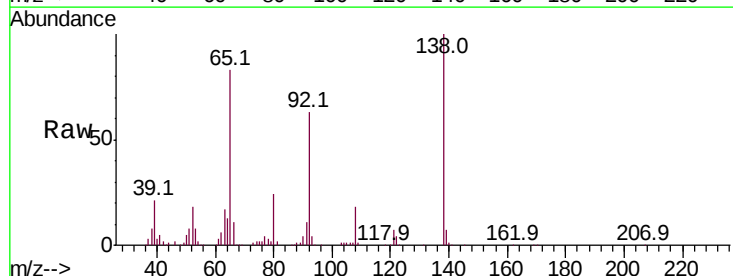
Instrument :
BNA_G
ClientSampled :

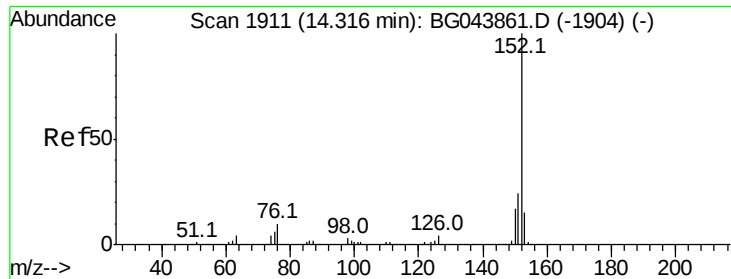
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.1	48.1
164	34.9	27.5	41.3



#48
2-Nitroaniline
Concen: 34.401 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	57.4	86.2
138	121.0	88.2	132.4





#49

Acenaphthylene

Concen: 39.179 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

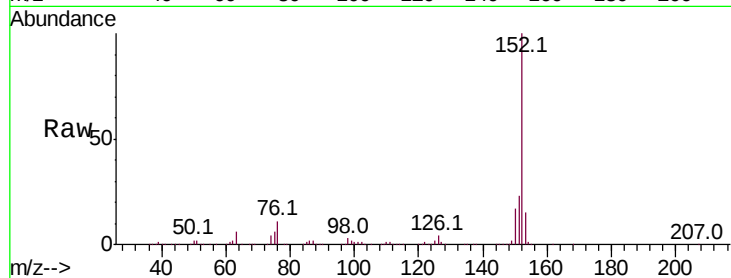
Tot Ion:152 Resp: 1102810

Ion	Ratio	Lower	Upper
152	100		
151	22.9	19.4	29.2
153	15.1	12.0	18.0

152 100

151 22.9 19.4 29.2

153 15.1 12.0 18.0

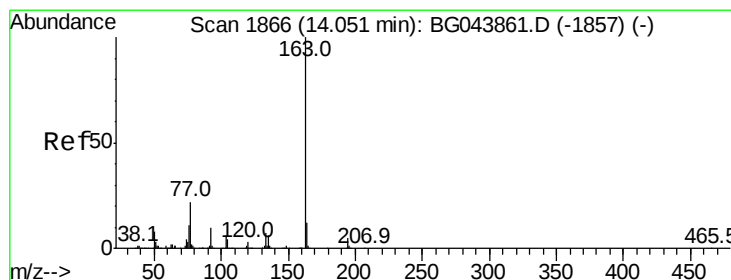
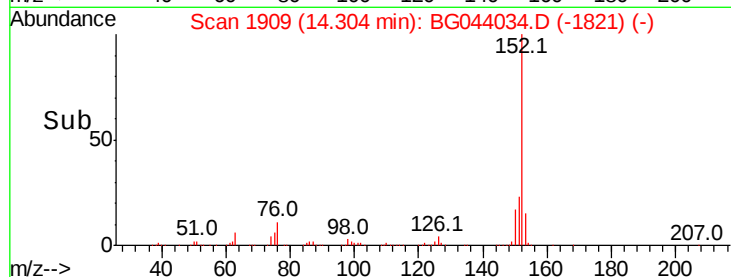
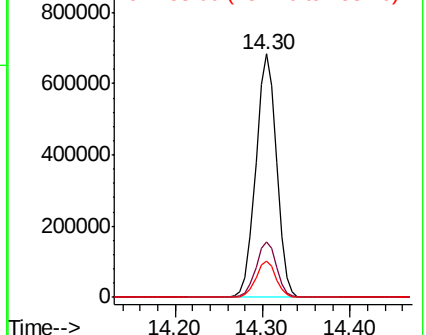


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.871 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

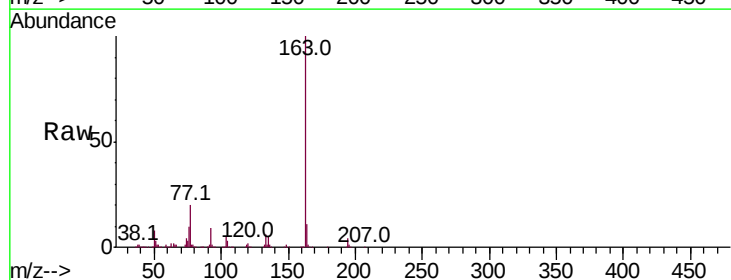
Tgt Ion:163 Resp: 884946

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.9	9.3	13.9

163 100

194 4.3 3.7 5.5

164 10.9 9.3 13.9

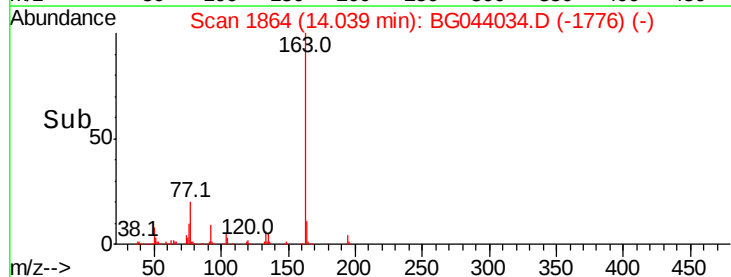
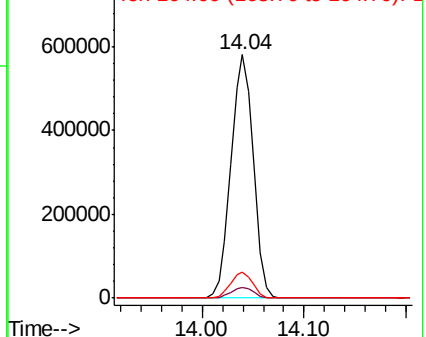


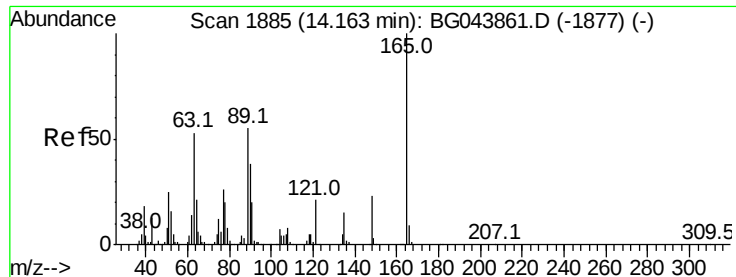
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

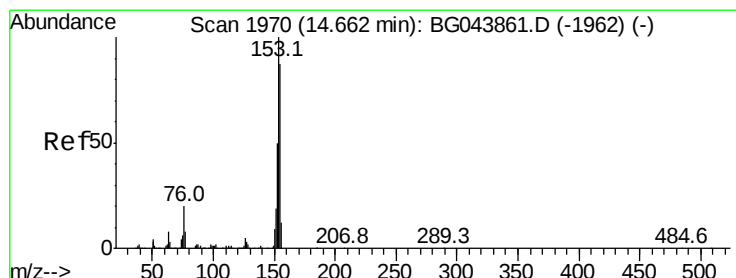
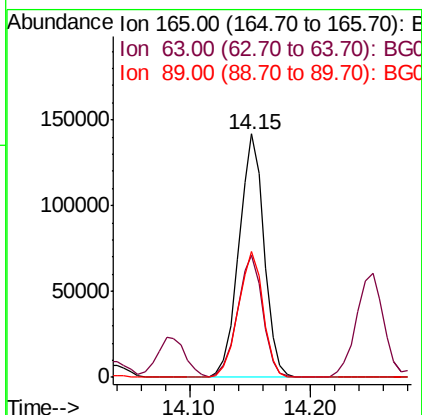
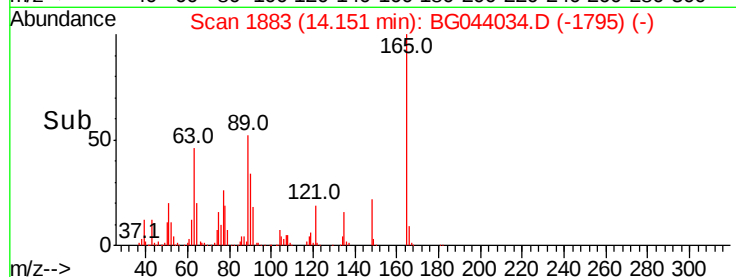
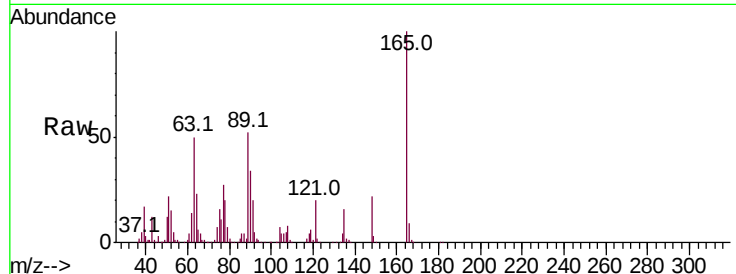




#51
2,6-Dinitrotoluene
Concen: 37.892 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

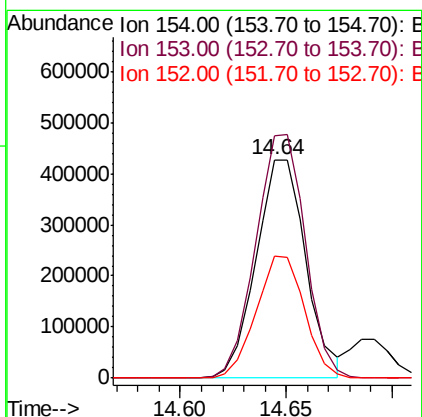
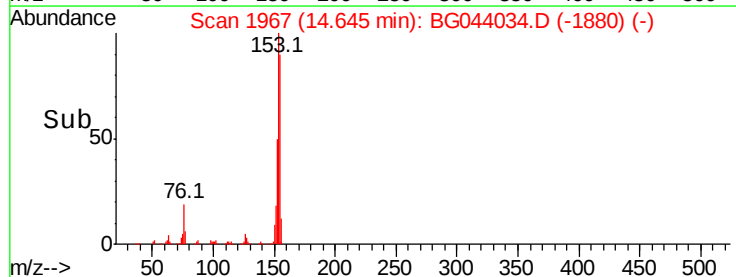
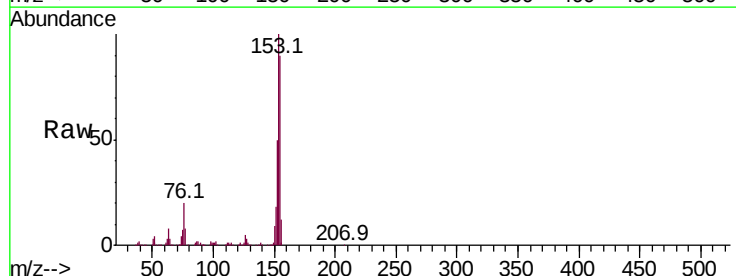
Instrument :
BNA_G
ClientSampleId :

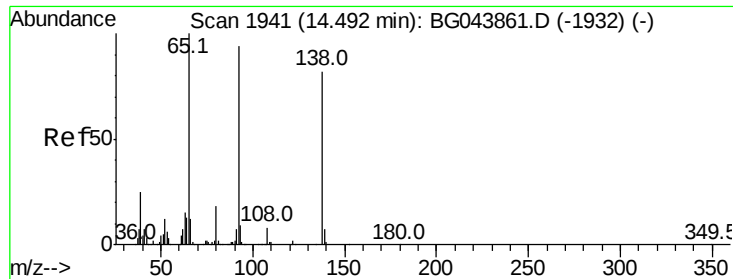
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	43.1	64.7
89	51.9	43.8	65.6



#52
Acenaphthene
Concen: 35.417 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.6	137.4
152	56.0	45.4	68.0





#53

3-Nitroaniline

Concen: 28.042 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampled :

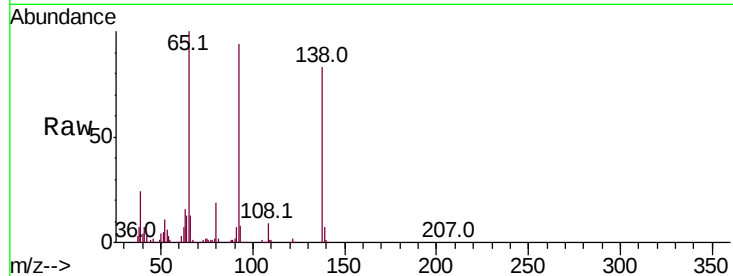
Tot Ion:138 Resp: 172747

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.2

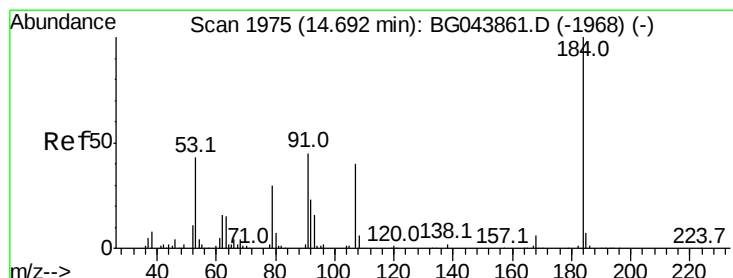
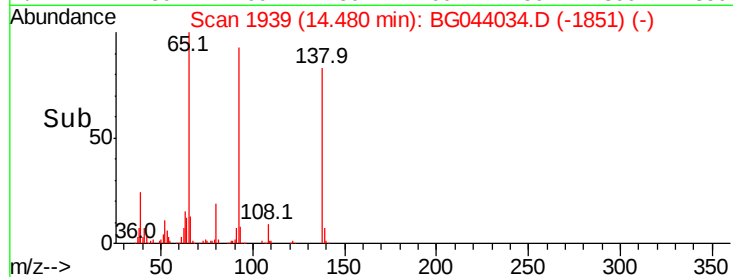
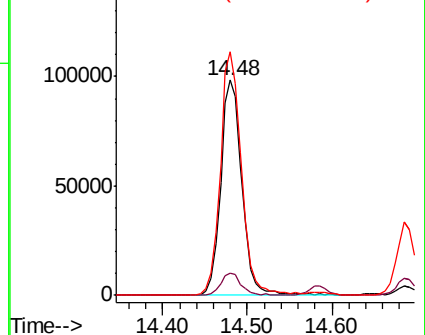
92 113.1 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.150 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

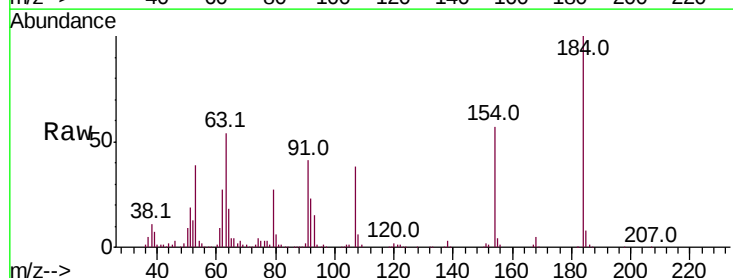
Tgt Ion:184 Resp: 215604

Ion Ratio Lower Upper

184 100

63 54.1 46.6 70.0

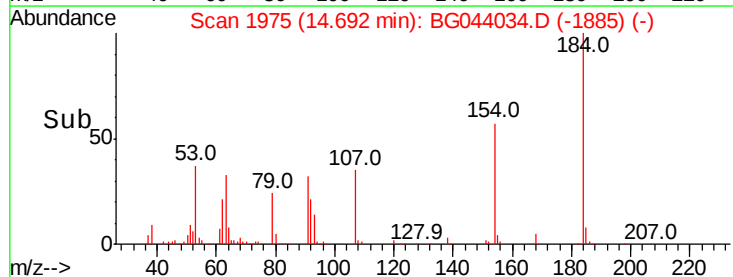
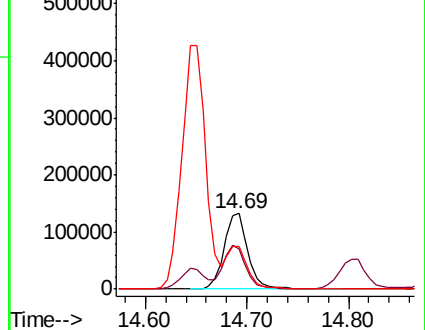
154 57.3 50.2 75.4

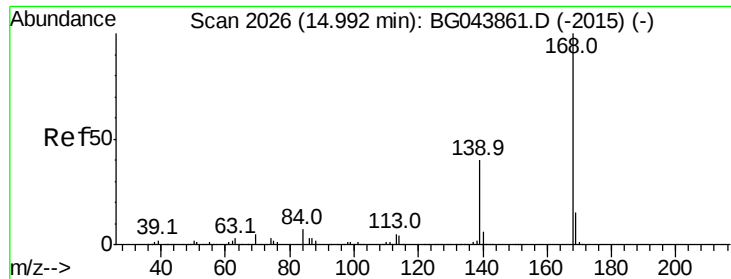


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

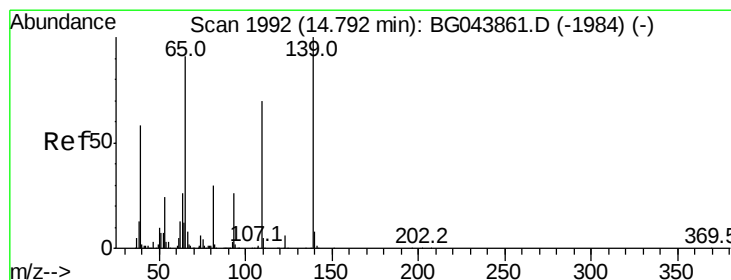
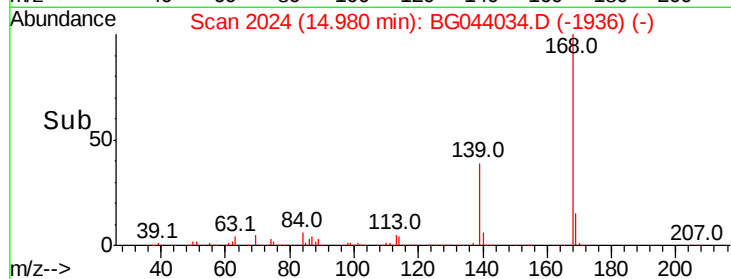
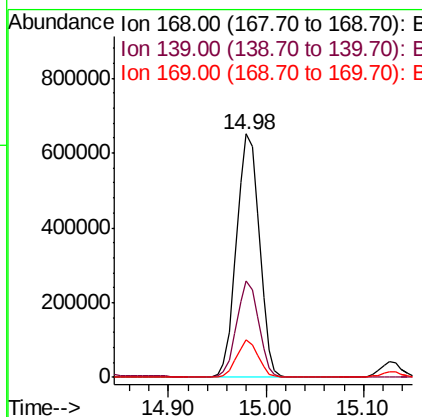
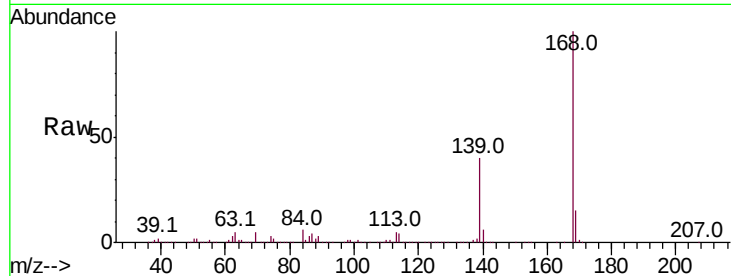




#55
Dibenzenofuran
Concen: 39.049 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

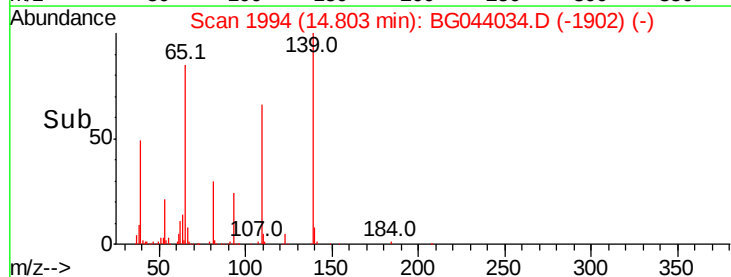
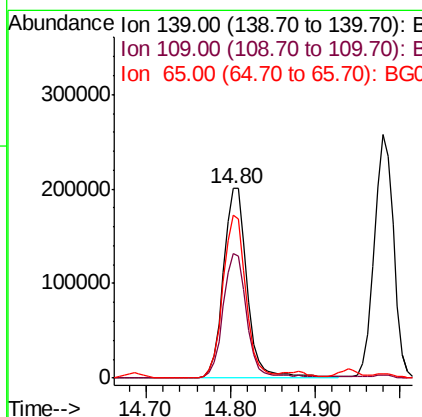
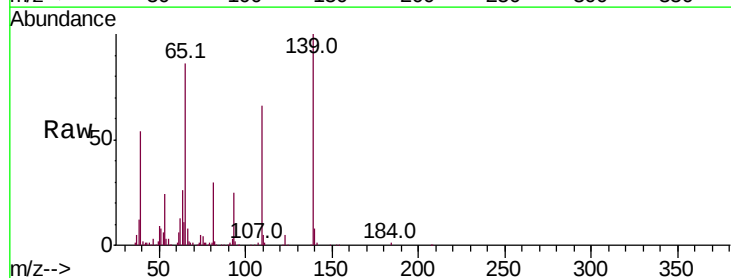
Instrument :
BNA_G
ClientSampleId :

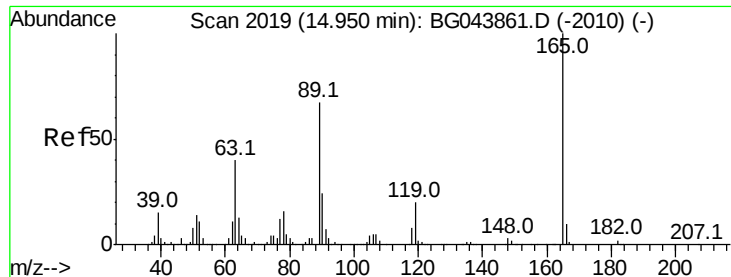
Tot Ion:168 Resp: 1061127
Ion Ratio Lower Upper
168 100
139 39.5 32.2 48.2
169 15.2 12.2 18.2



#56
4-Nitrophenol
Concen: 83.117 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:139 Resp: 392367
Ion Ratio Lower Upper
139 100
109 65.6 50.4 90.4
65 85.7 71.4 111.4

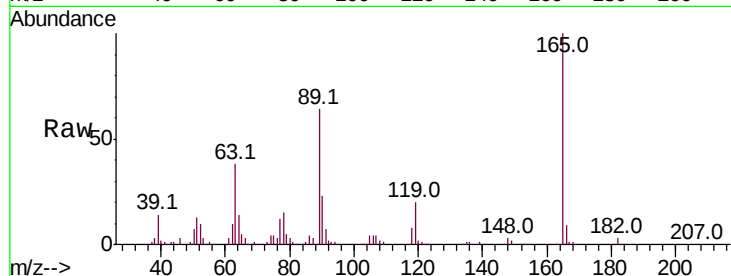




#57
2,4-Dinitrotoluene
Concen: 38.827 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	31.9	47.9
89	64.0	53.8	80.6
182	2.7	2.0	3.0



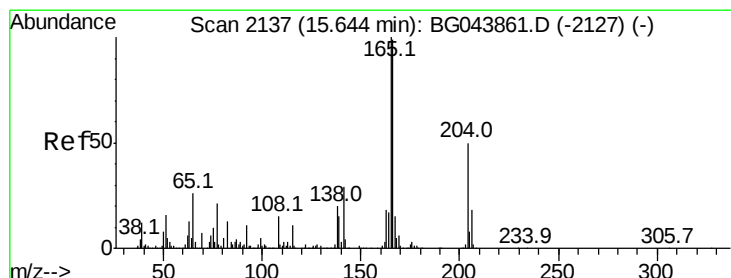
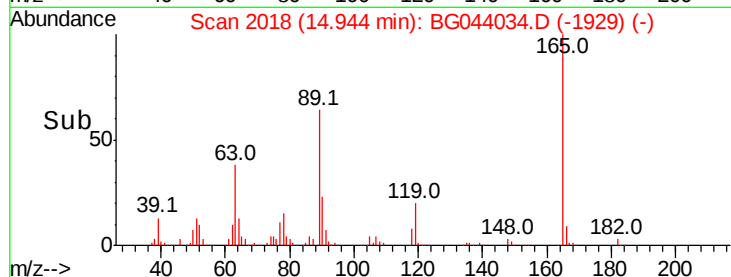
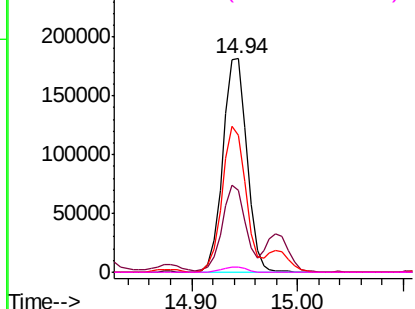
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

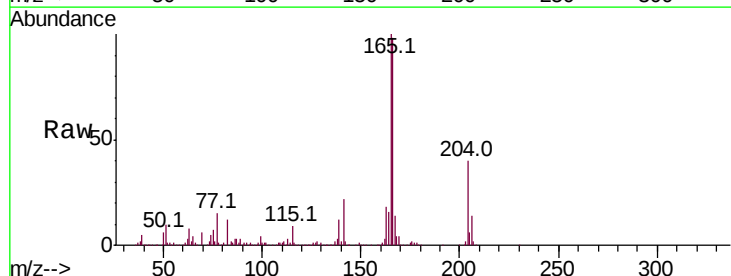
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.903 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.8	121.2
167	14.7	12.1	18.1

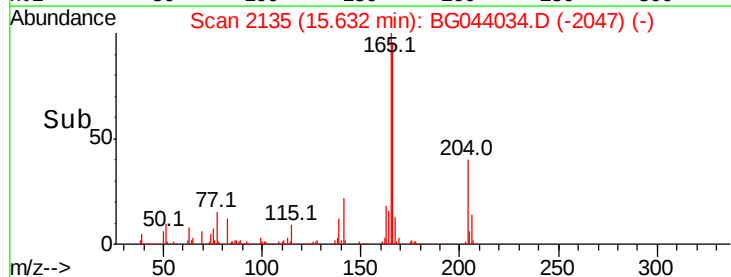
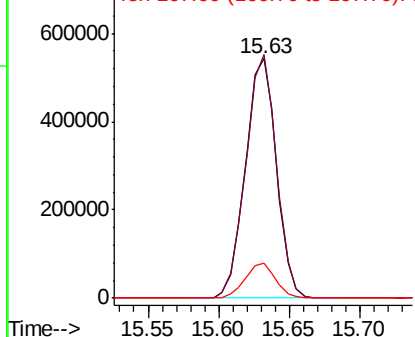


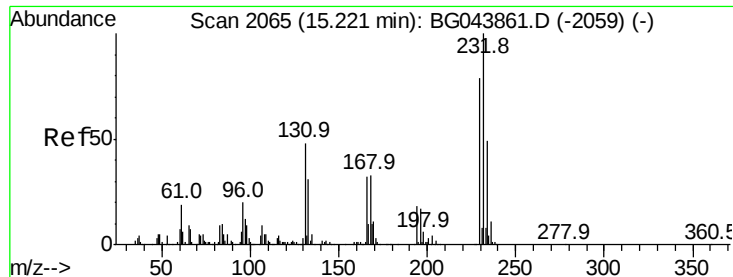
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

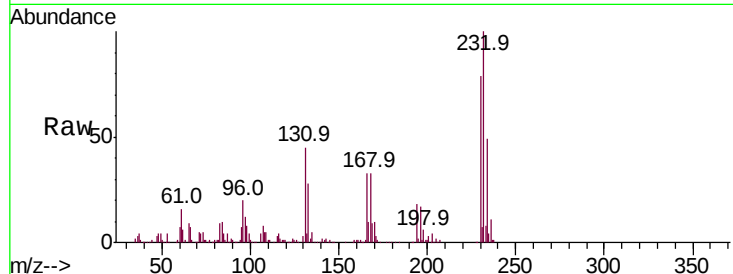




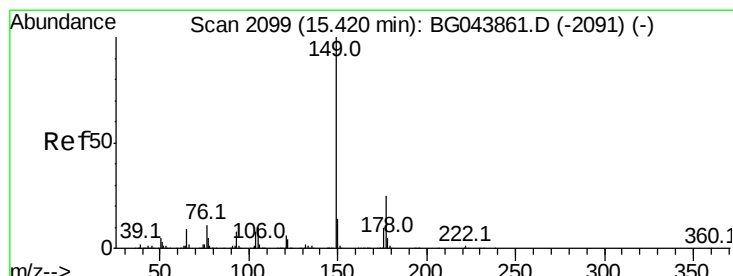
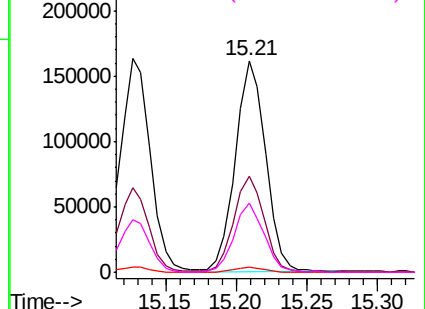
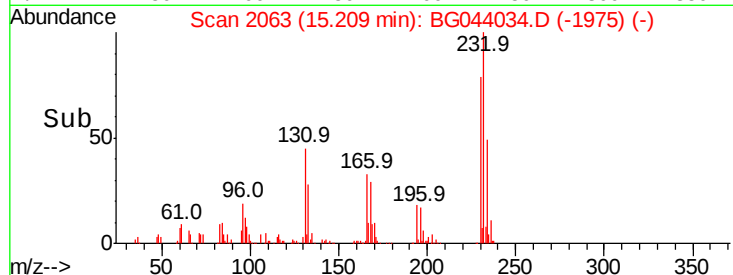
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.079 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	242312
Ion	Ratio	Lower	Upper
232	100		
131	44.3	38.2	57.2
130	2.5	2.2	3.2
166	31.9	26.4	39.6

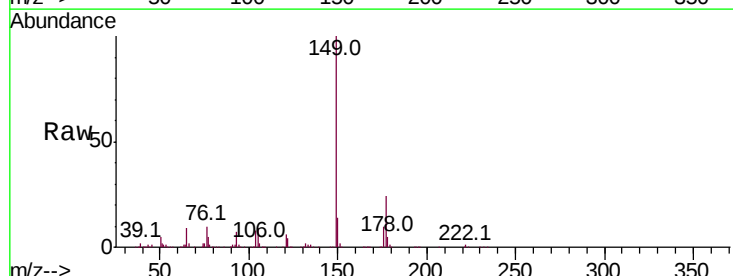


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

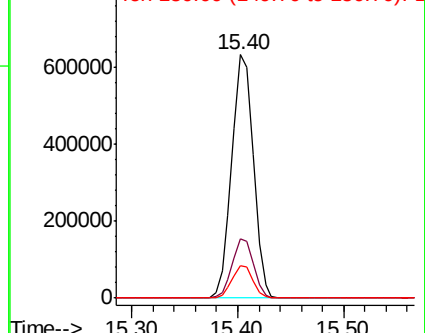
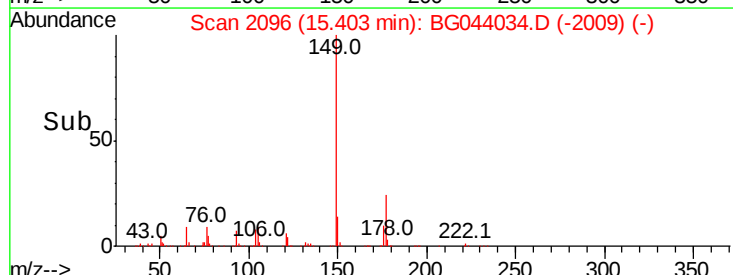


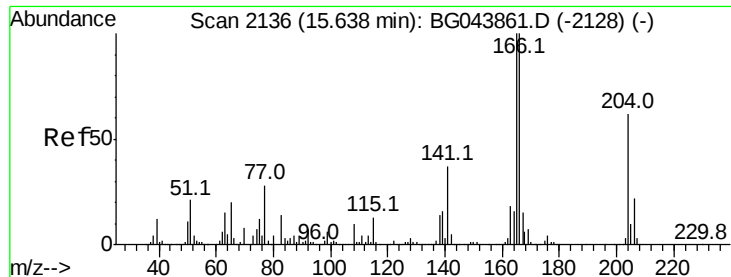
#60
 Diethylphthalate
 Concen: 37.212 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion:	149	Resp:	893290
Ion	Ratio	Lower	Upper
149	100		
177	24.2	20.0	30.0
150	13.6	11.1	16.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 36.994 ng

RT: 15.63 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

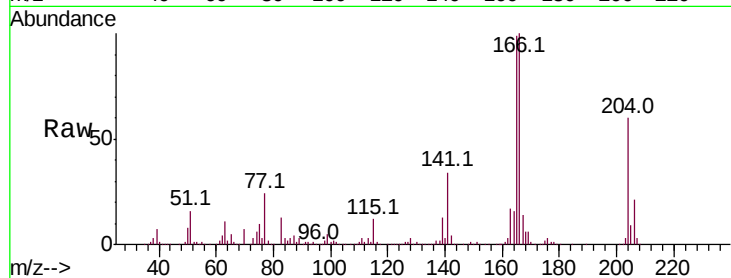
Tot Ion:204 Resp: 432653

Ion Ratio Lower Upper

204 100

206 35.8 28.2 42.2

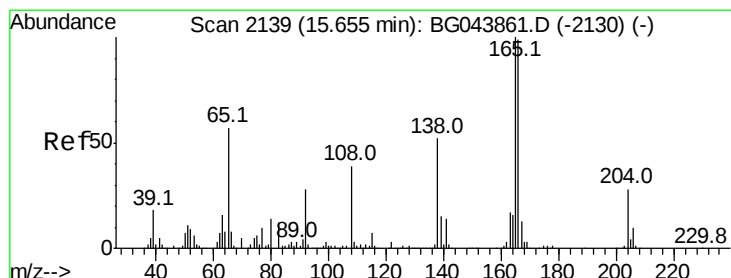
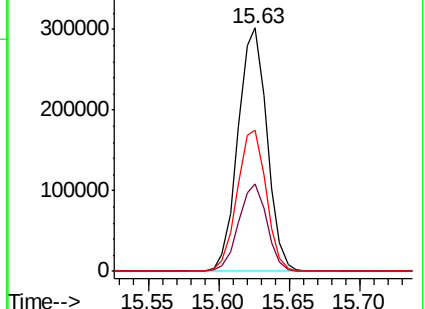
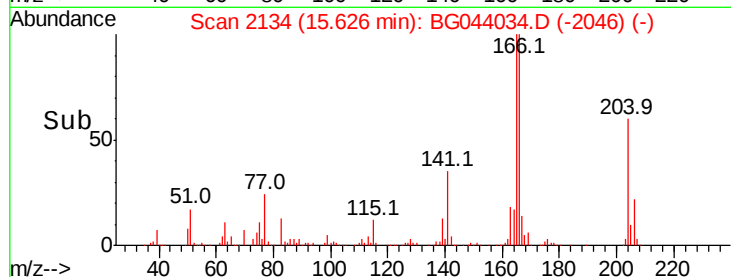
141 57.8 48.2 72.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 34.715 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

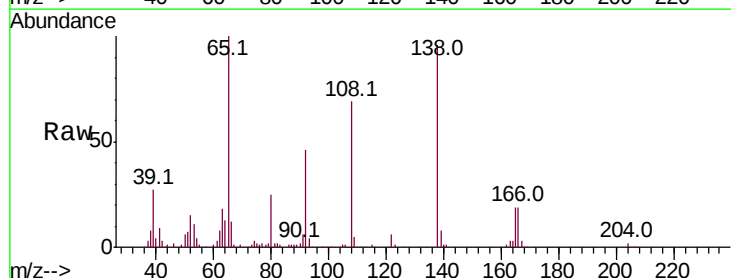
Tgt Ion:138 Resp: 211182

Ion Ratio Lower Upper

138 100

92 48.3 34.3 74.3

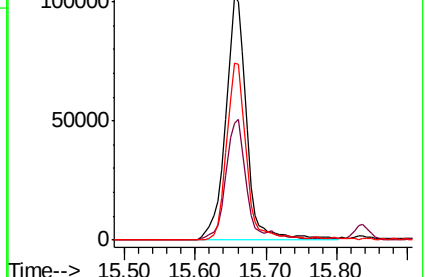
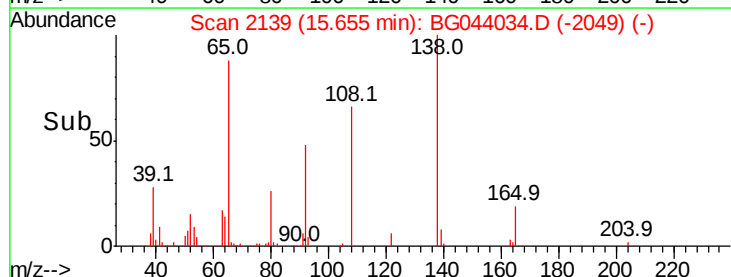
108 72.5 55.0 95.0

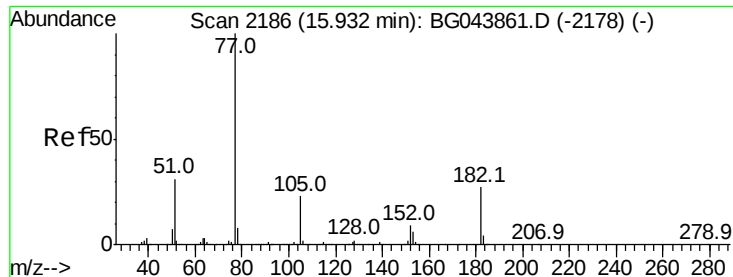


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.093 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 825782

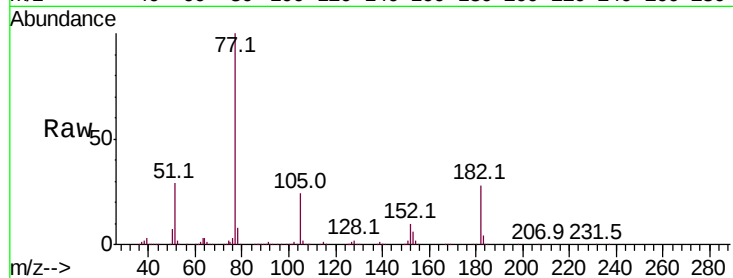
Ion Ratio Lower Upper

77 100

182 27.7 7.3 47.3

105 23.6 3.2 43.2

51 29.3 10.6 50.6

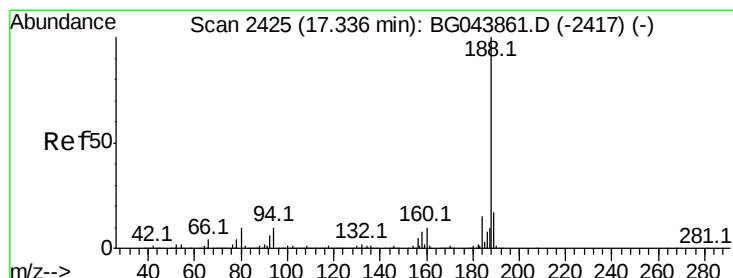
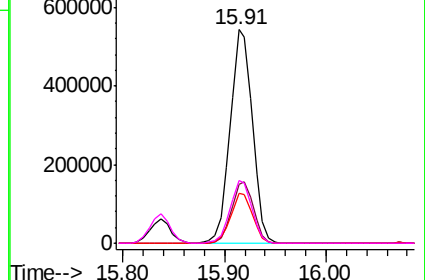
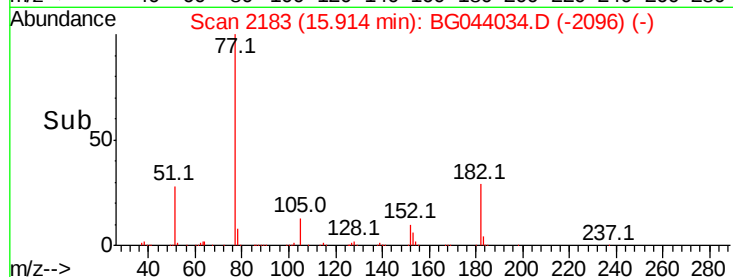


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

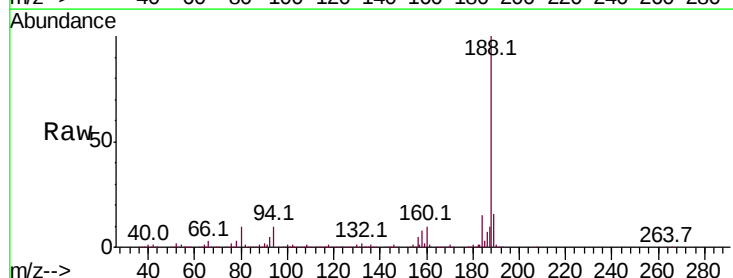
Tgt Ion: 188 Resp: 727365

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

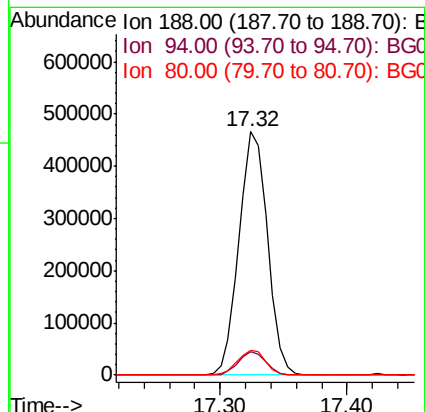
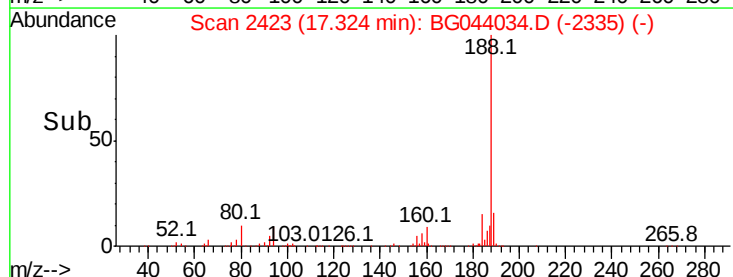
80 10.3 8.2 12.4

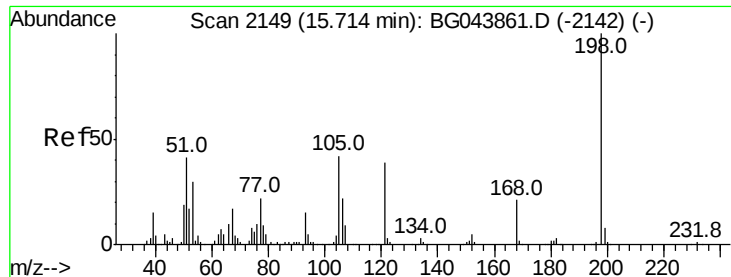


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.568 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

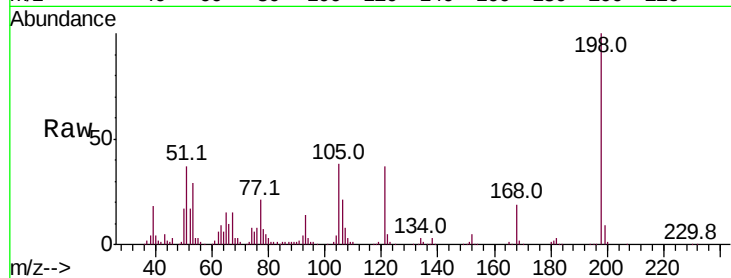
Tot Ion:198 Resp: 161604

Ion	Ratio	Lower	Upper
198	100		
51	37.4	22.5	62.5
105	38.1	22.3	62.3

198 100

51 37.4 22.5 62.5

105 38.1 22.3 62.3

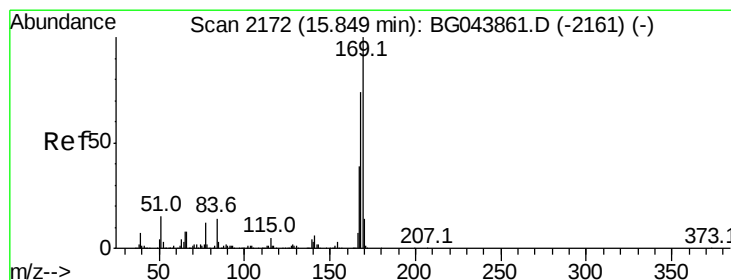
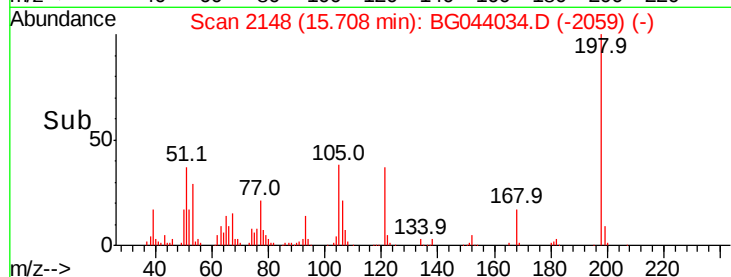
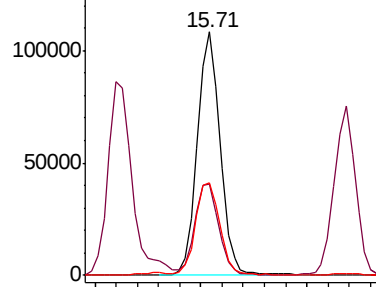


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.430 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

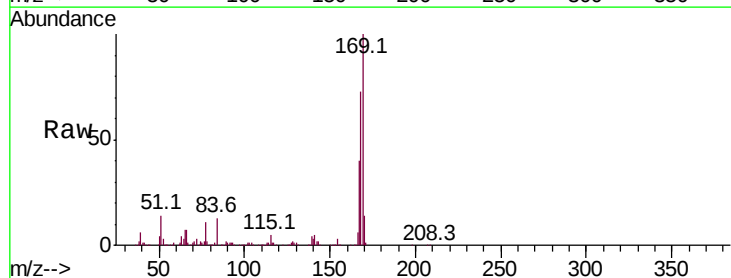
Tgt Ion:169 Resp: 780332

Ion	Ratio	Lower	Upper
169	100		
168	72.6	59.0	88.6
167	40.1	31.4	47.0

169 100

168 72.6 59.0 88.6

167 40.1 31.4 47.0

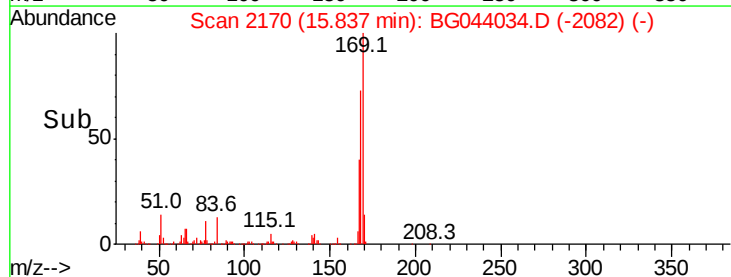
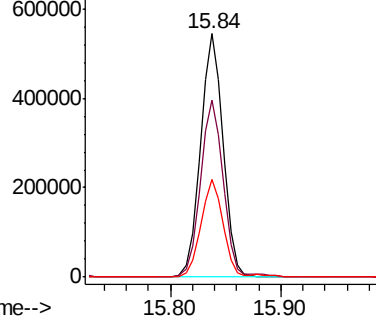


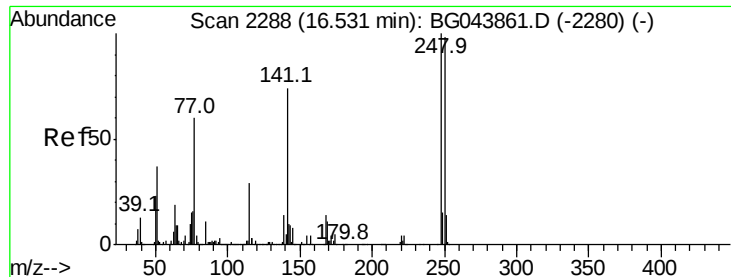
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

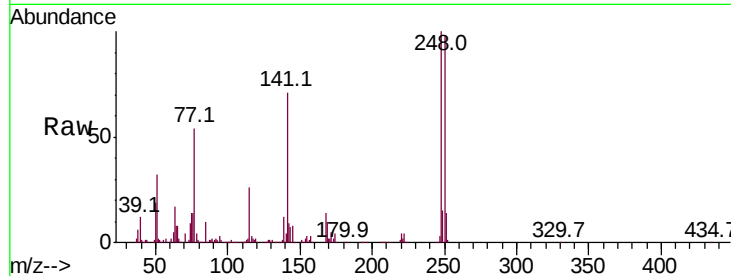




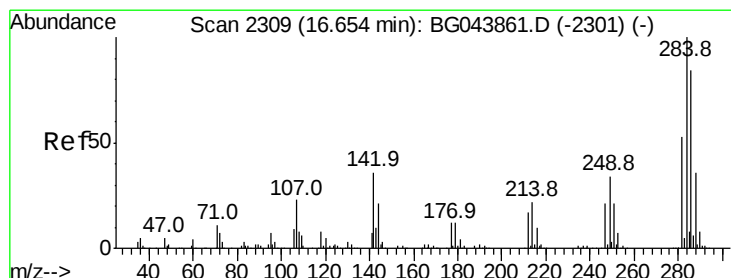
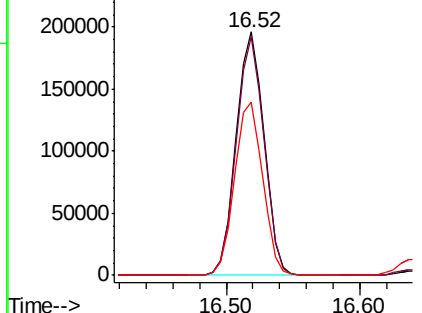
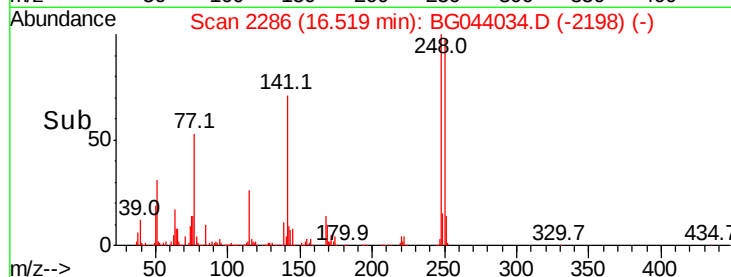
#67
 4-Bromophenyl-phenylether
 Concen: 34.780 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 284525
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.2 117.2
 141 71.2 59.3 88.9

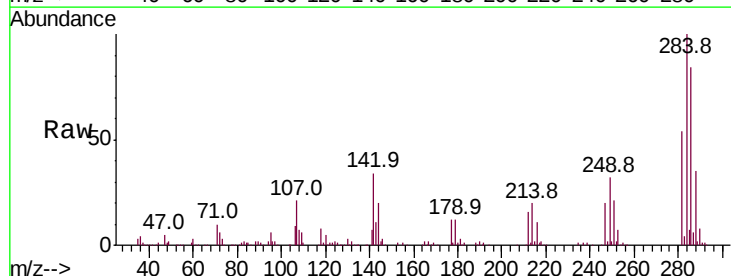


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

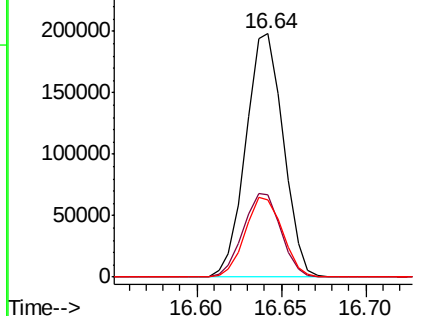
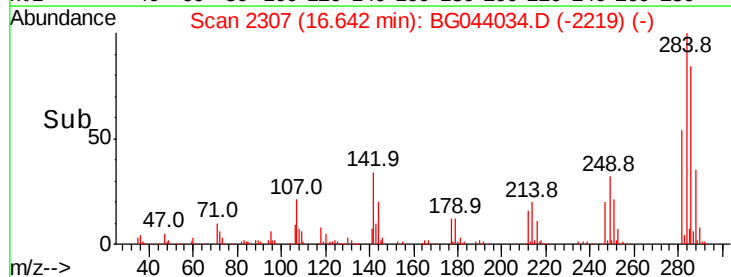


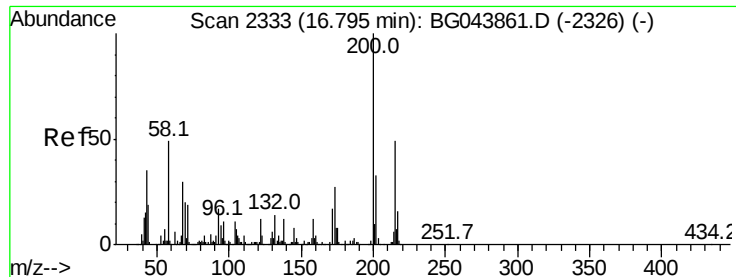
#68
 Hexachlorobenzene
 Concen: 34.718 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion:284 Resp: 306031
 Ion Ratio Lower Upper
 284 100
 142 33.8 28.6 43.0
 249 31.9 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.009 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

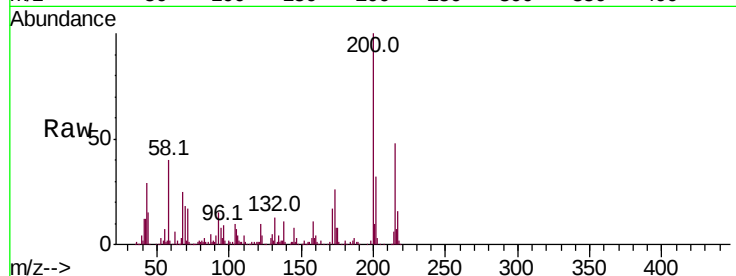
Tot Ion:200 Resp: 292496

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

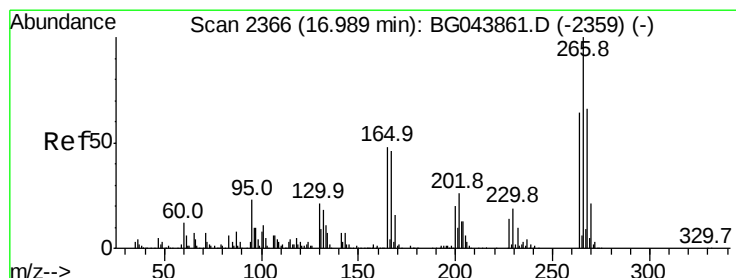
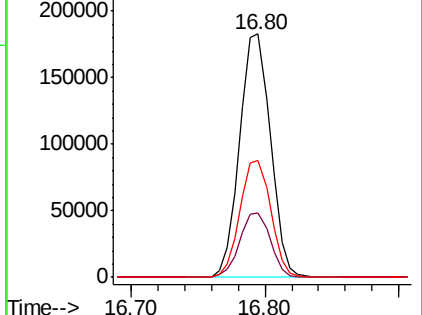
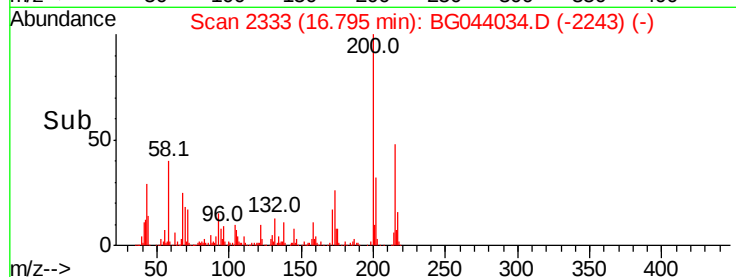
215 48.0 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.920 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

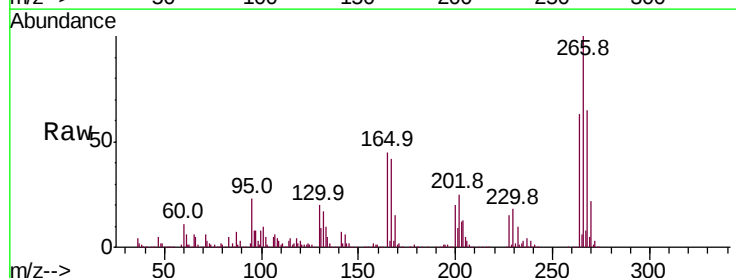
Tgt Ion:266 Resp: 373769

Ion Ratio Lower Upper

266 100

268 64.6 52.6 79.0

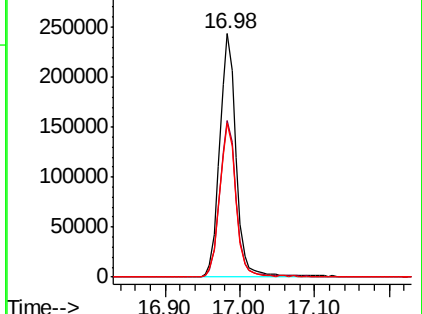
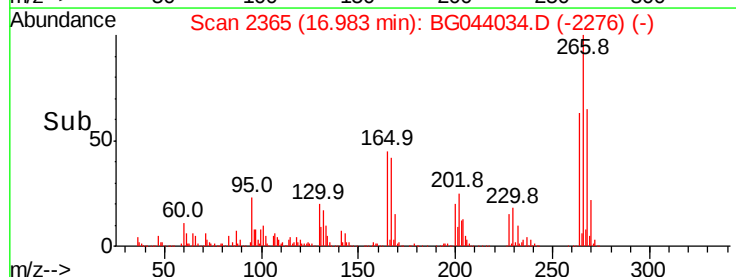
264 63.0 50.8 76.2

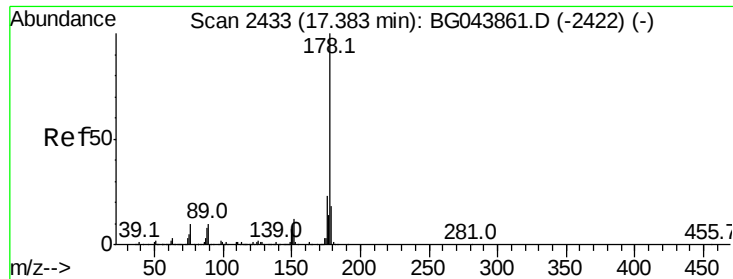


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

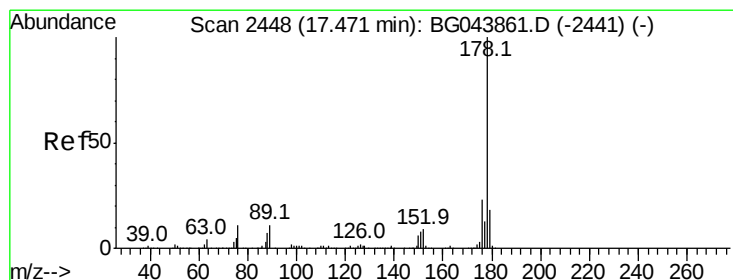
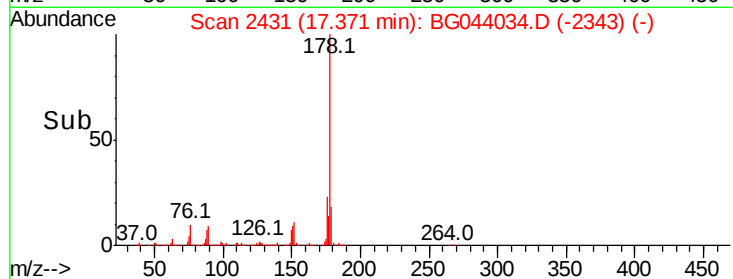
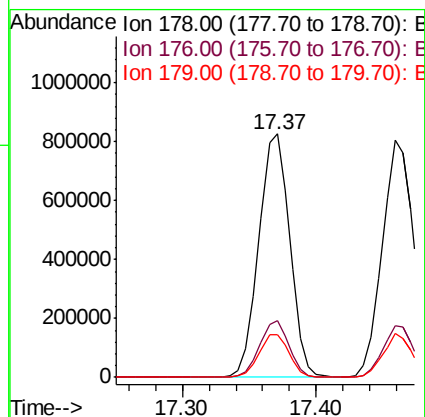
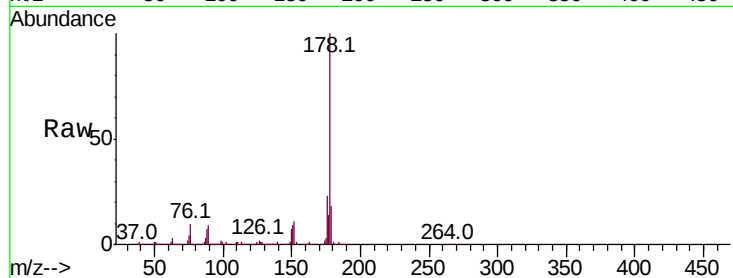




#71
Phenanthrene
Concen: 37.904 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

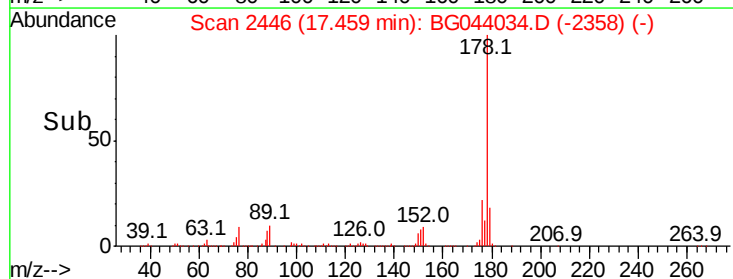
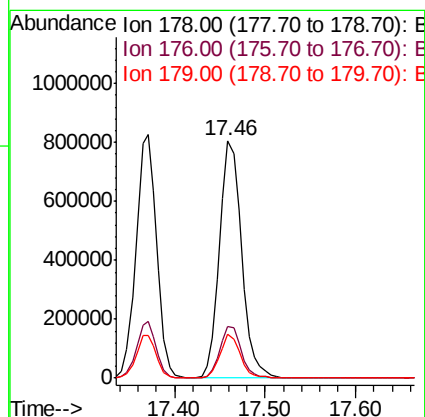
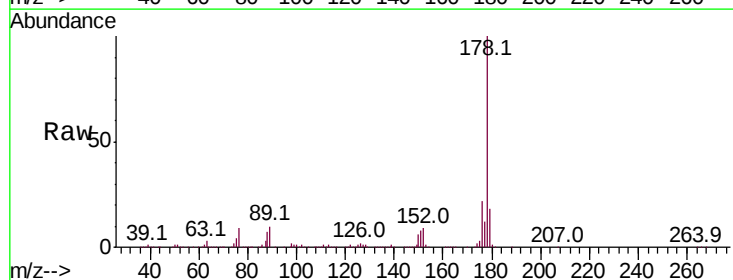
Instrument :
BNA_G
ClientSampled :

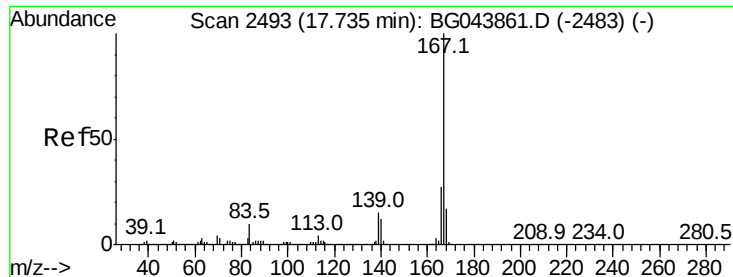
Tot Ion:178 Resp: 1322412
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 17.6 14.4 21.6



#72
Anthracene
Concen: 39.601 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:178 Resp: 1365423
Ion Ratio Lower Upper
178 100
176 22.0 18.3 27.5
179 18.4 14.6 22.0

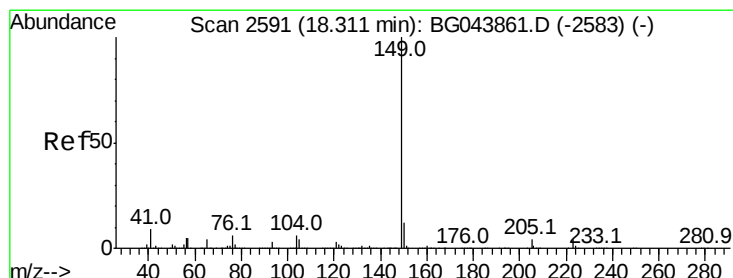
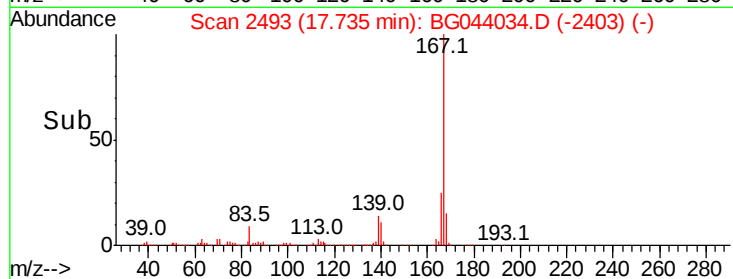
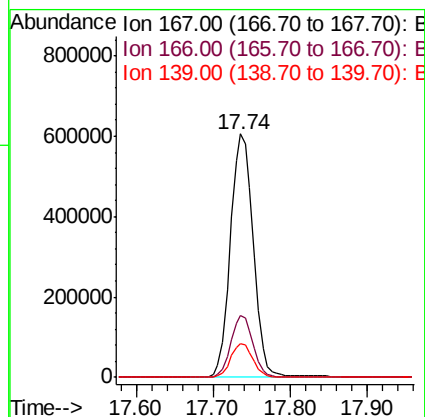
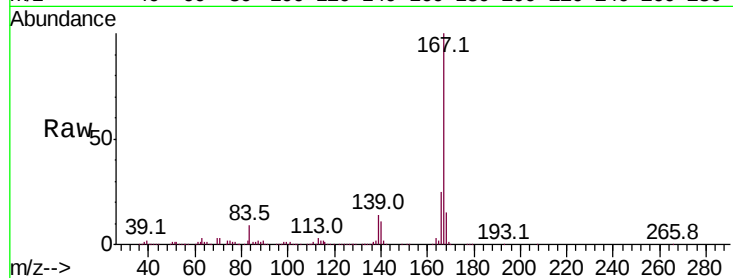




#73
 Carbazole
 Concen: 39.629 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

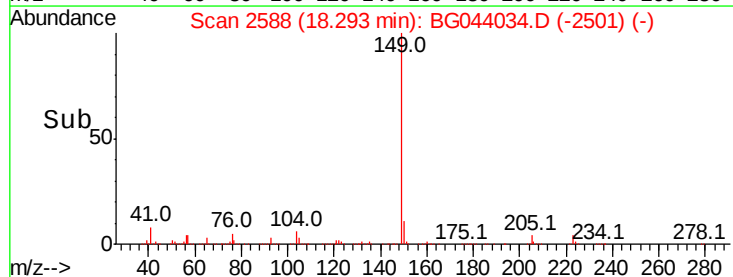
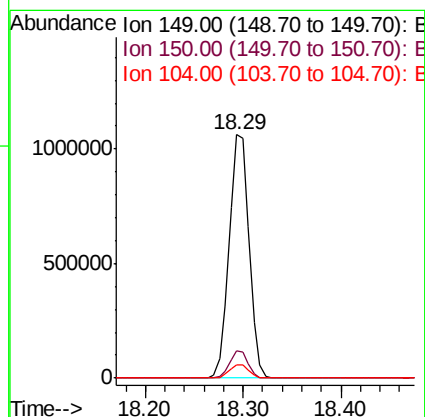
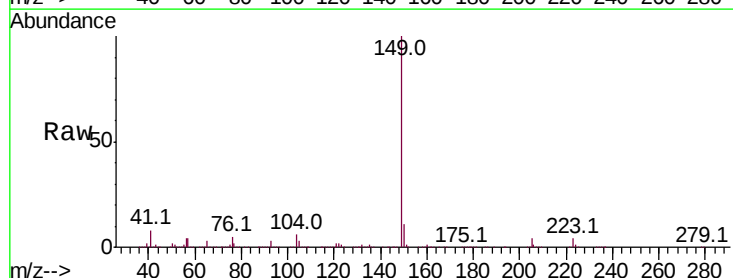
Instrument :
 BNA_G
 ClientSampleId :

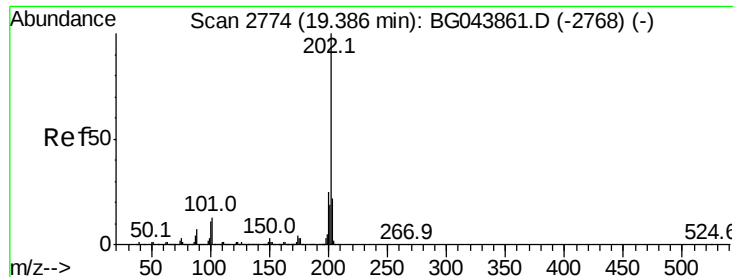
Tot Ion:167 Resp: 1262140
 Ion Ratio Lower Upper
 167 100
 166 25.2 21.6 32.4
 139 13.8 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 36.881 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion:149 Resp: 1499726
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 5.6 5.0 7.4





#75

Fluoranthene

Concen: 38.183 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

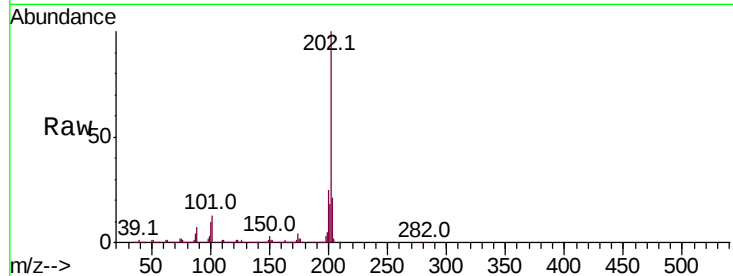
Tot Ion:202 Resp: 1523463

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.3

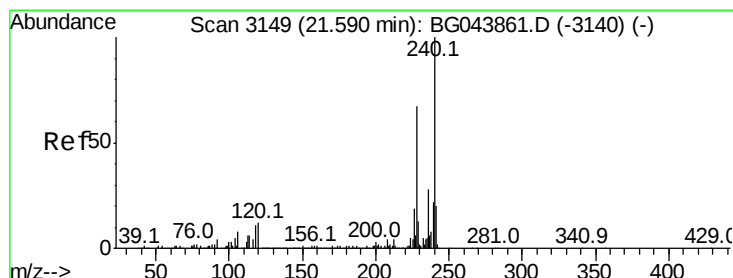
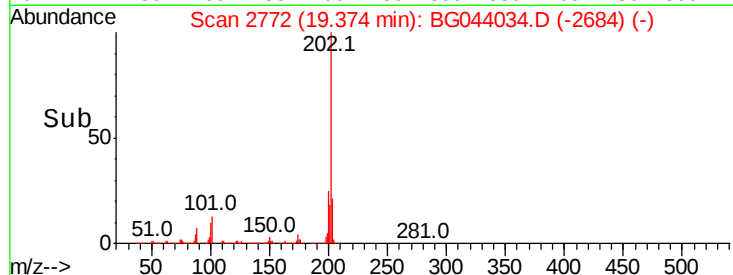
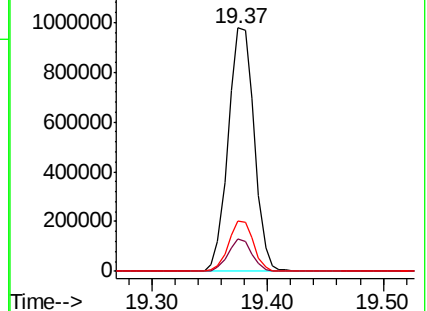
203 20.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

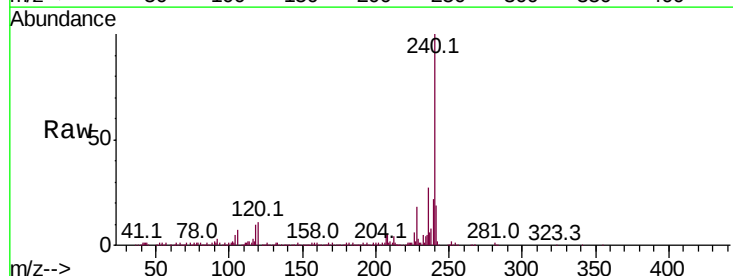
Tgt Ion:240 Resp: 654990

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

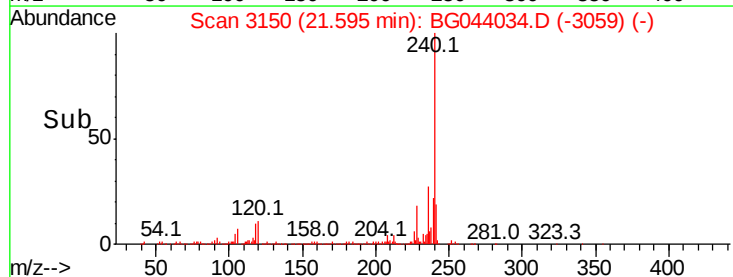
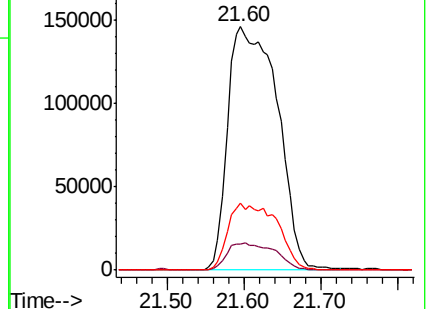
236 27.4 22.2 33.2

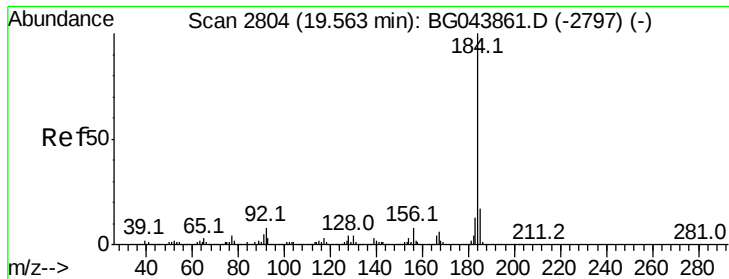


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.216 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

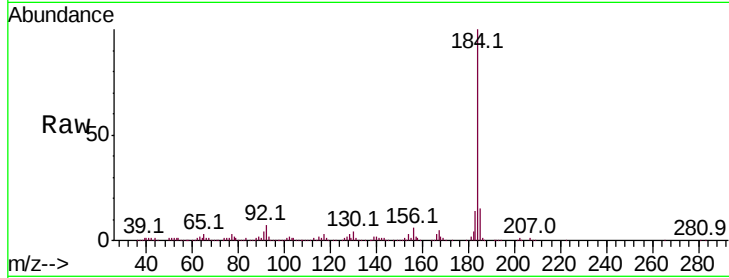
Tot Ion:184 Resp: 448078

Ion Ratio Lower Upper

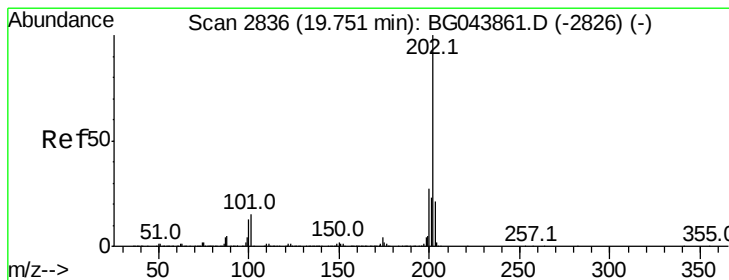
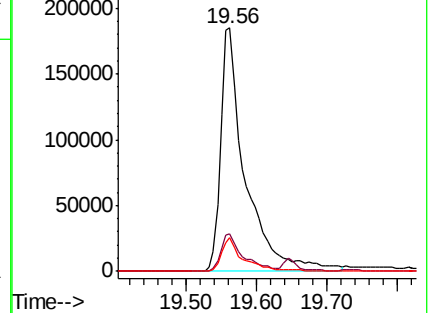
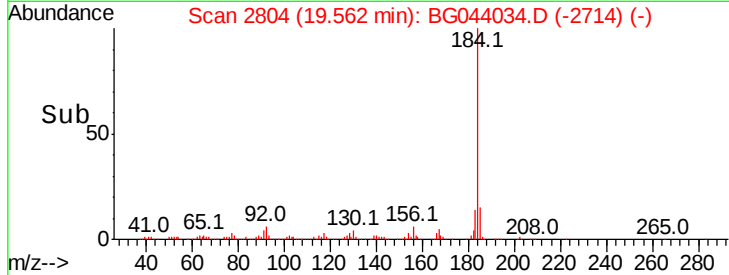
184 100

185 15.4 13.4 20.0

183 13.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.693 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

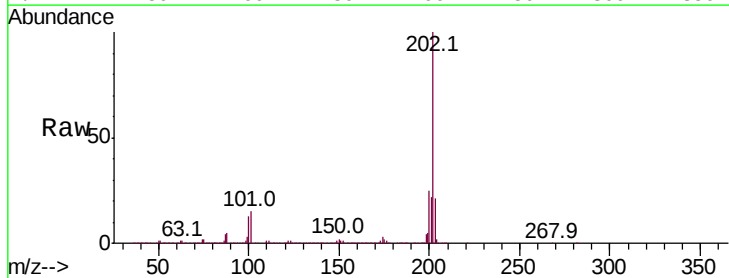
Tgt Ion:202 Resp: 1526019

Ion Ratio Lower Upper

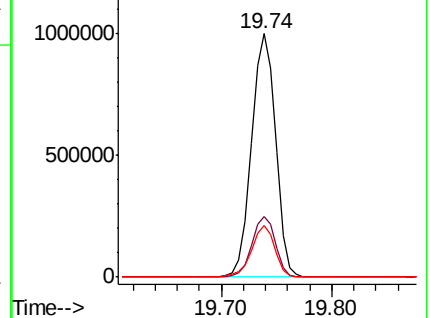
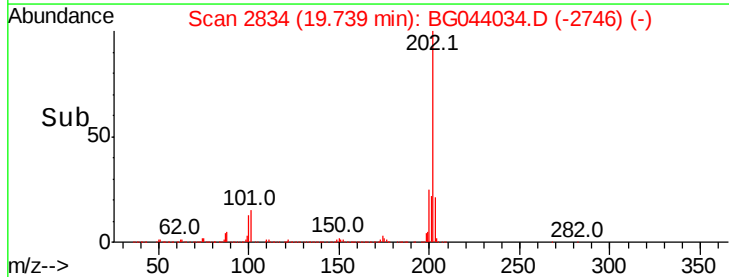
202 100

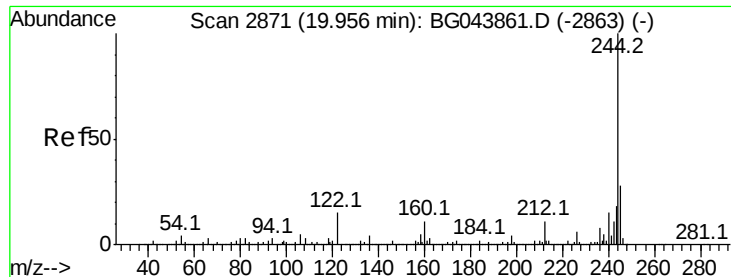
200 25.1 21.7 32.5

203 21.3 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

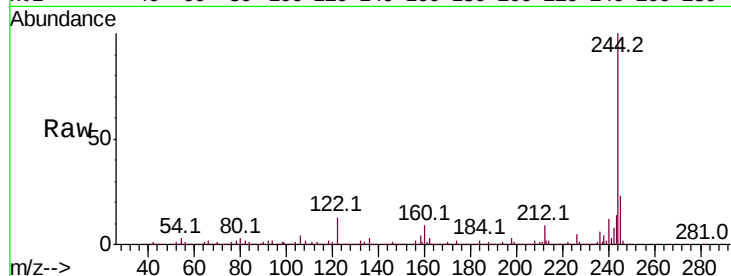




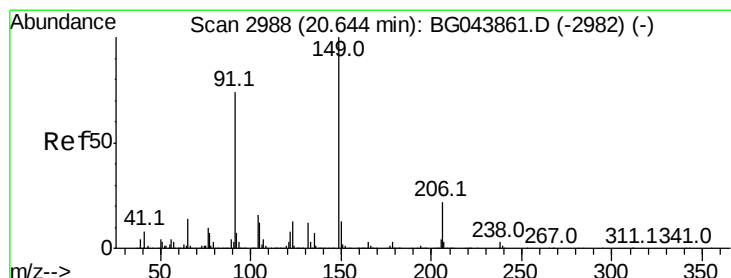
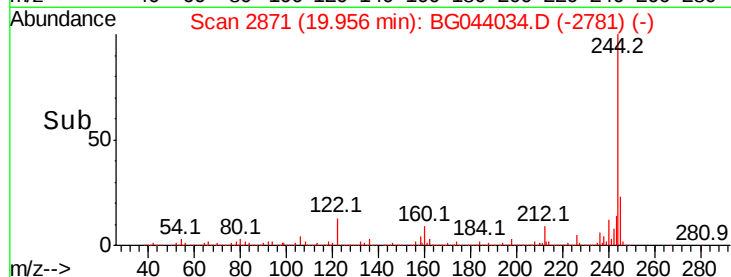
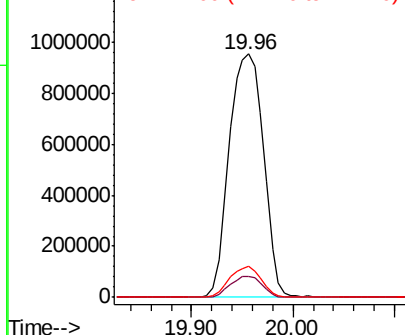
#79
 Terphenyl-d14
 Concen: 81.684 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2242274
 Ion Ratio Lower Upper
 244 100
 212 8.7 8.6 13.0
 122 12.8 11.9 17.9

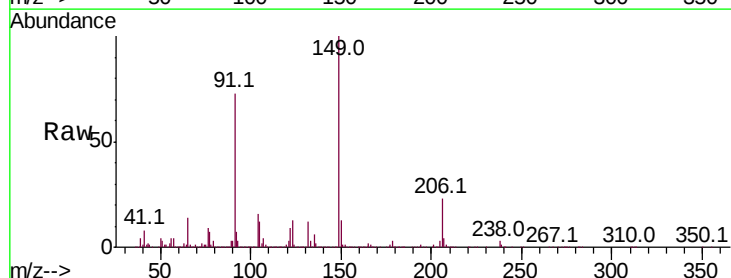


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

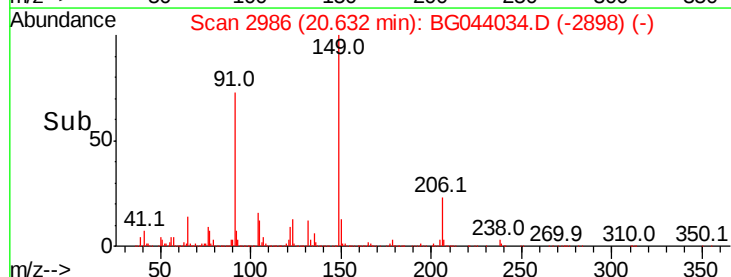
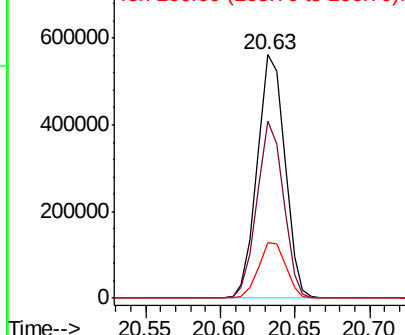


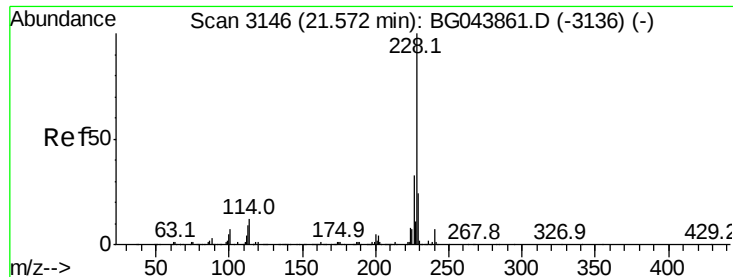
#80
 Butylbenzylphthalate
 Concen: 35.252 ng
 RT: 20.63 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion:149 Resp: 717550
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.5 89.3
 206 22.6 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.253 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

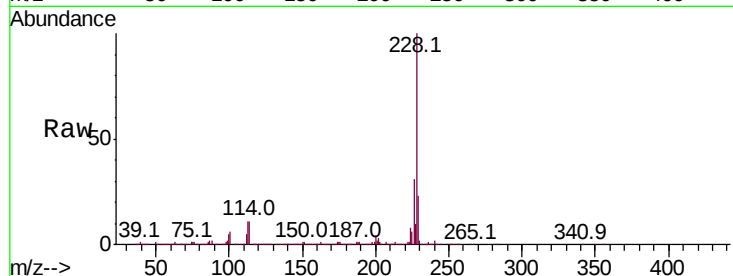
Tot Ion:228 Resp: 1472390

Ion Ratio Lower Upper

228 100

226 31.1 26.2 39.4

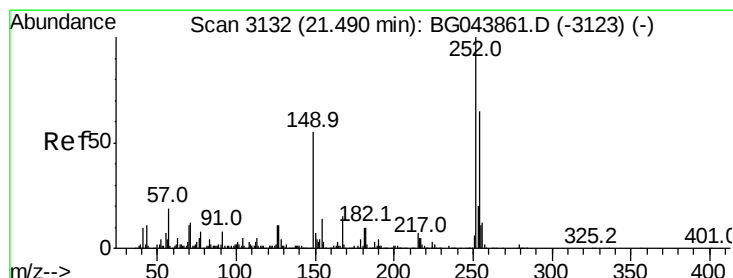
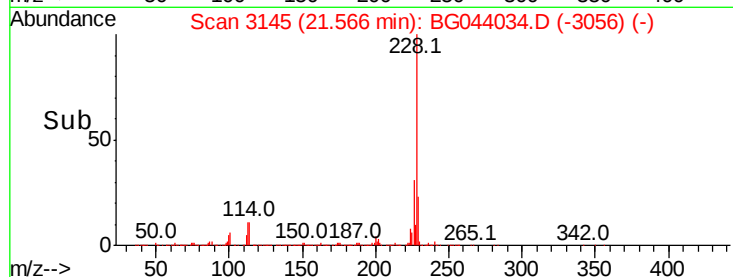
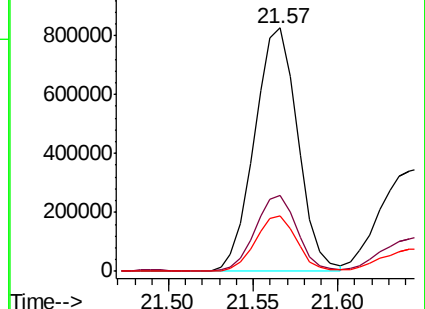
229 22.6 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.911 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

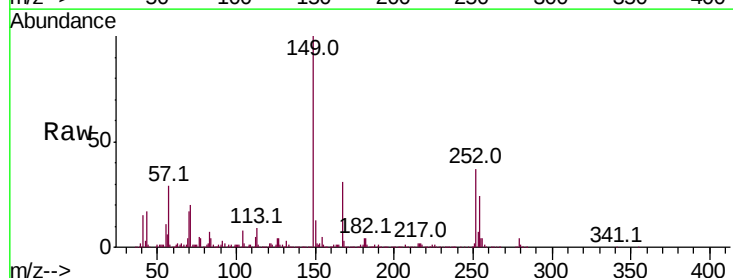
Tgt Ion:252 Resp: 495981

Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

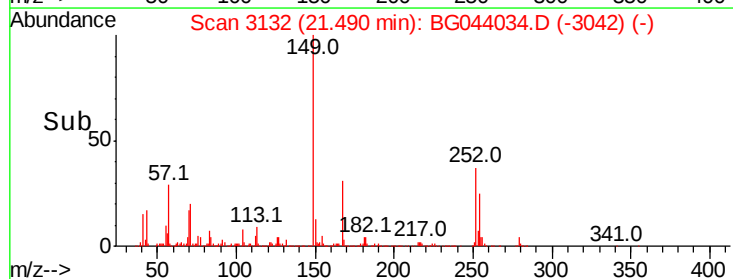
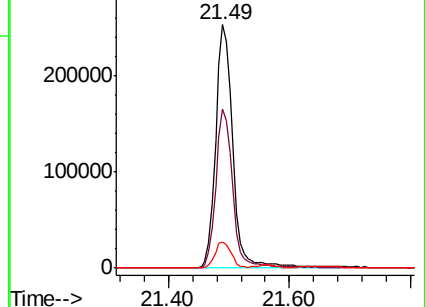
126 10.6 9.1 13.7

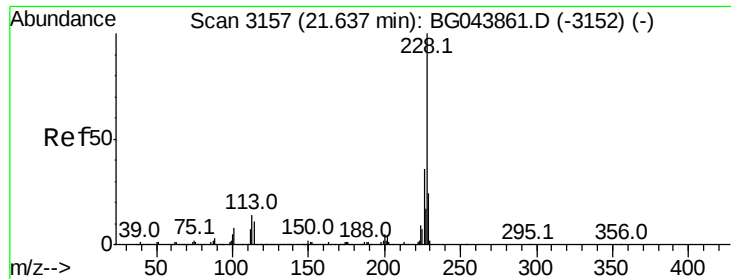


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.663 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

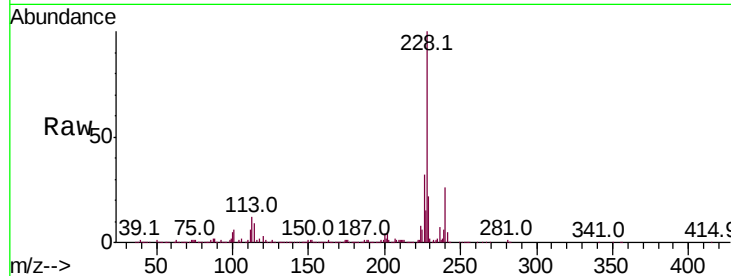
Tot Ion:228 Resp: 1530662

Ion	Ratio	Lower	Upper
228	100		
226	32.3	28.8	43.2
229	21.5	19.0	28.6

228 100

226 32.3 28.8 43.2

229 21.5 19.0 28.6

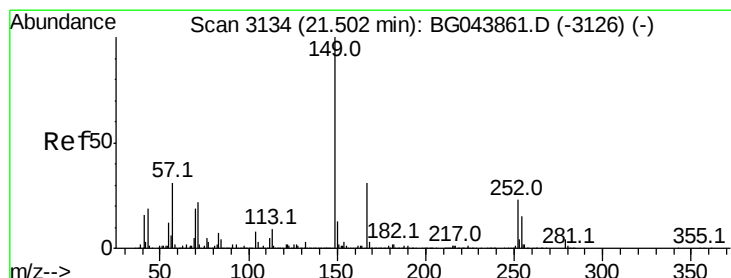
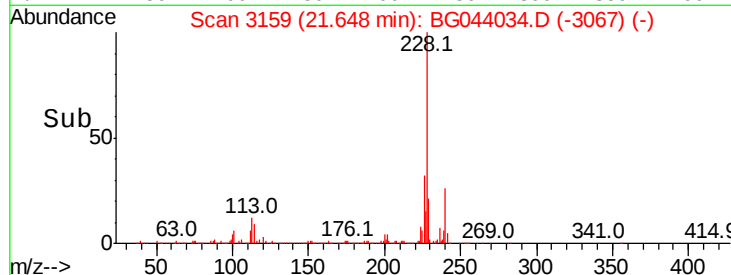
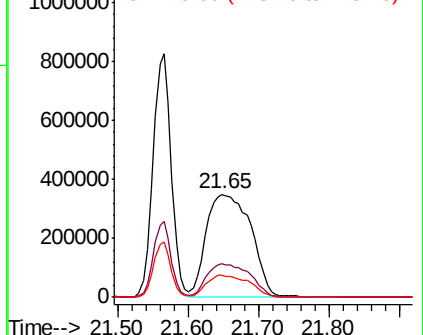


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.203 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

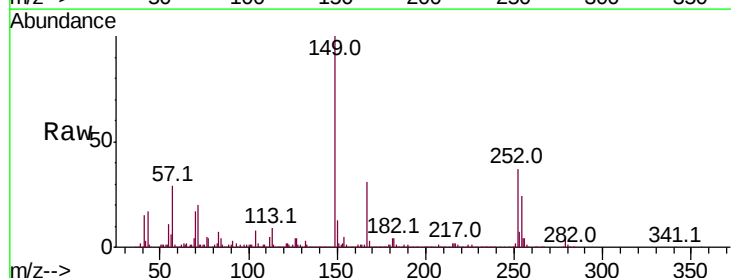
Tgt Ion:149 Resp: 1016795

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.7	37.1
279	4.4	3.3	4.9

149 100

167 30.7 24.7 37.1

279 4.4 3.3 4.9

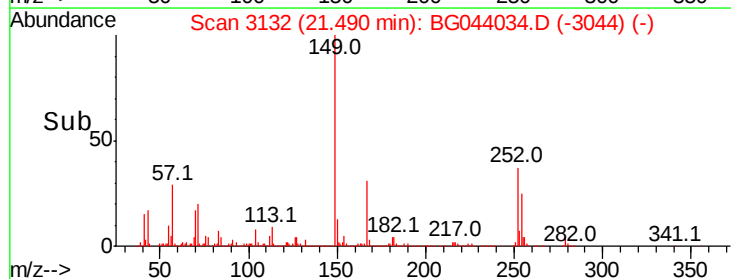
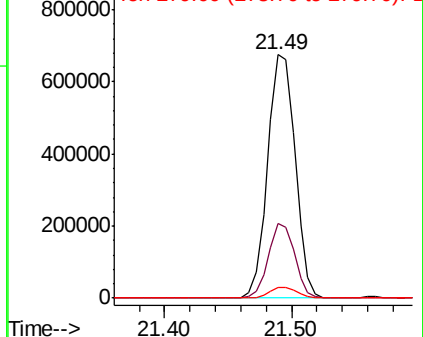


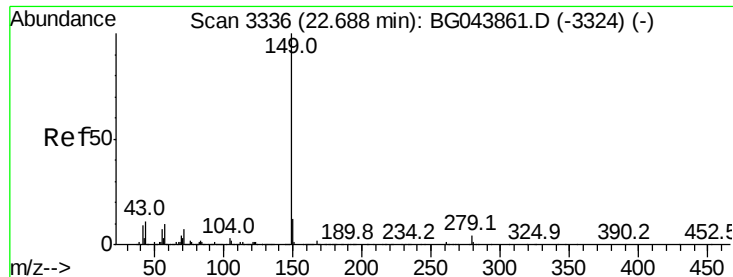
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.761 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

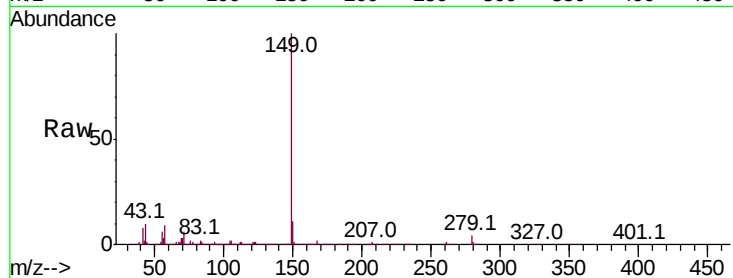
Tot Ion:149 Resp: 1782959

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

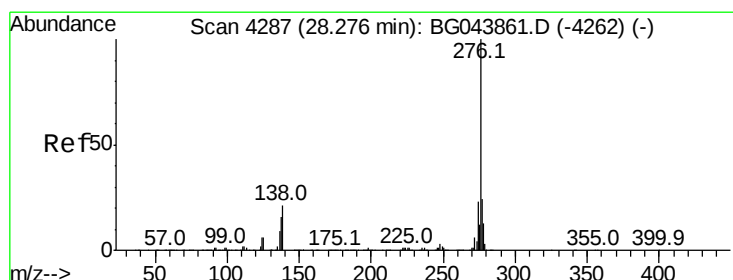
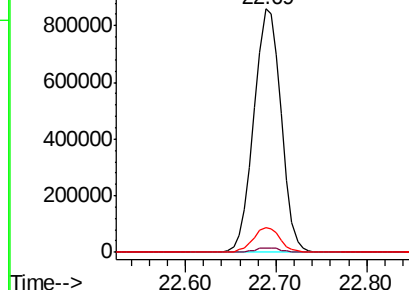
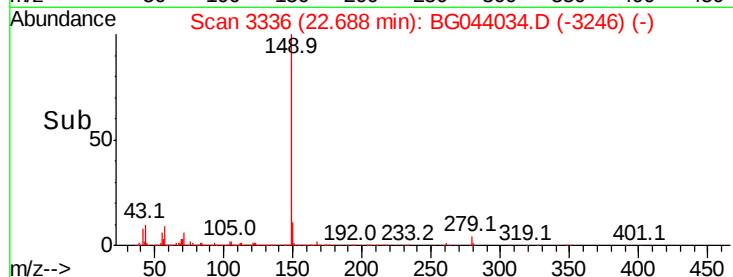
43 9.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.407 ng

RT: 28.46 min Scan# 4318

Delta R.T. 0.18 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

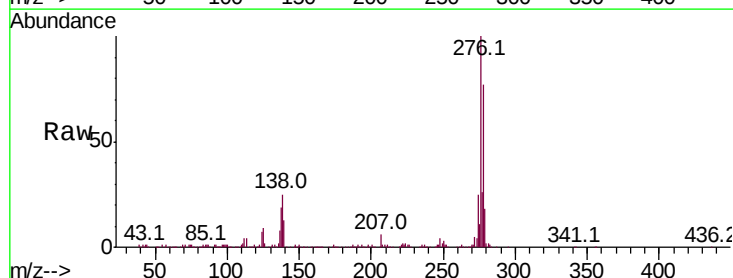
Tgt Ion:276 Resp: 1856925

Ion Ratio Lower Upper

276 100

138 12.5 21.0 31.4#

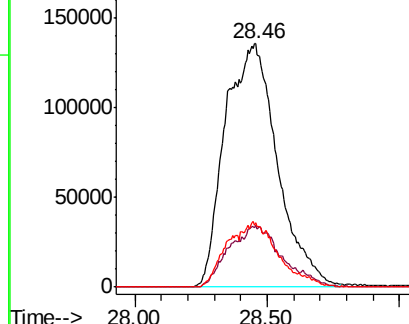
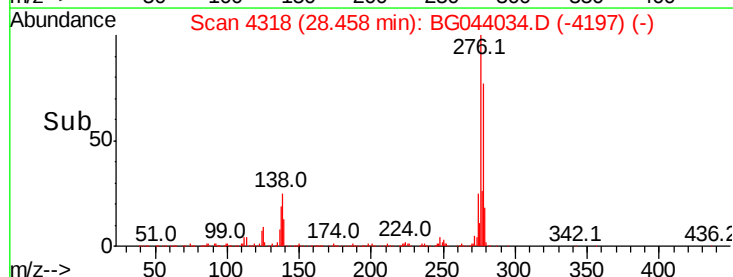
277 17.7 21.1 31.7#

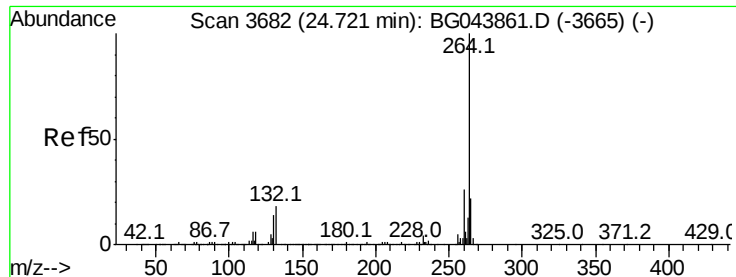


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.07 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

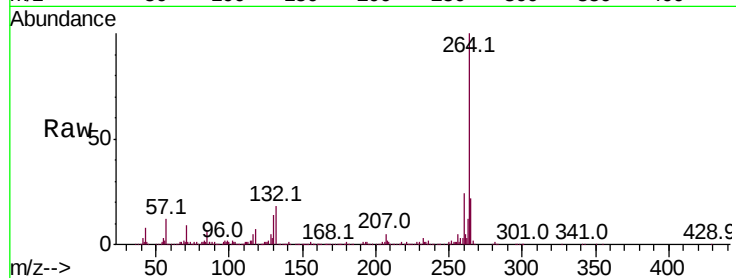
Tot Ion:264 Resp: 586991

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	21.8	17.4	26.2

264 100

260 23.8 20.4 30.6

265 21.8 17.4 26.2

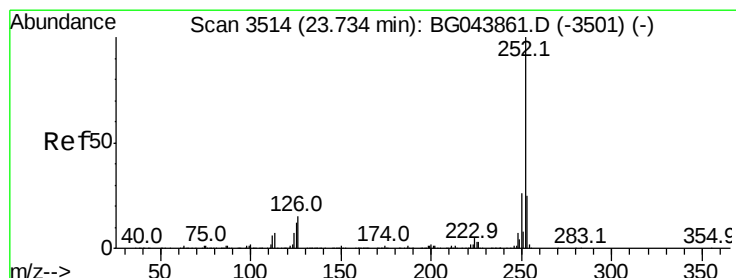
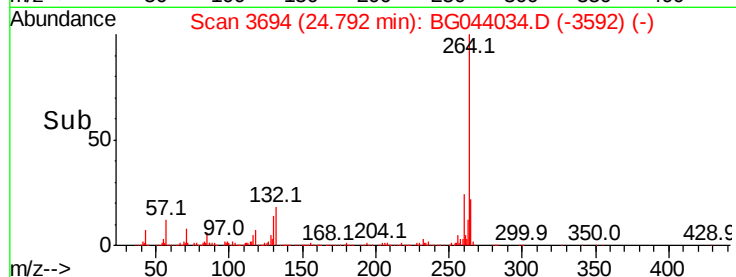
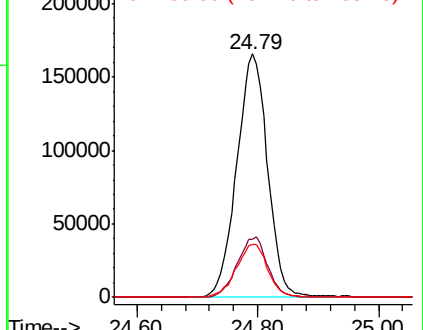


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.470 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.11 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

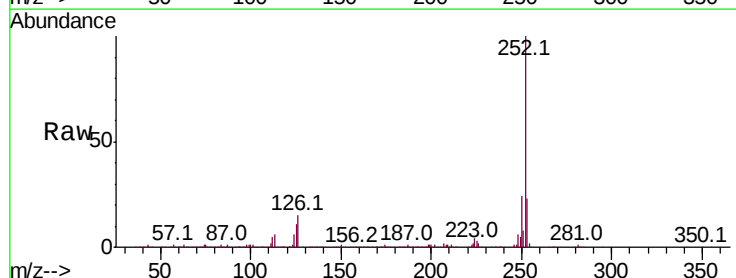
Tgt Ion:252 Resp: 1473761

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.7	29.5
125	11.2	9.4	14.2

252 100

253 23.1 19.7 29.5

125 11.2 9.4 14.2

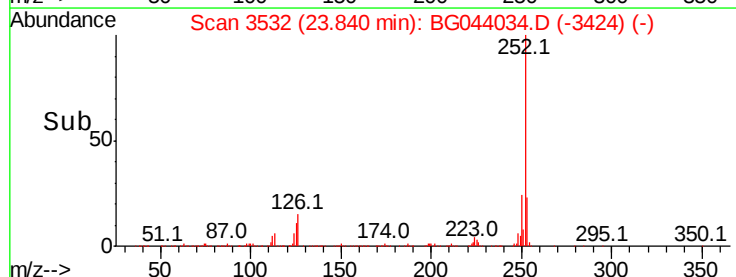
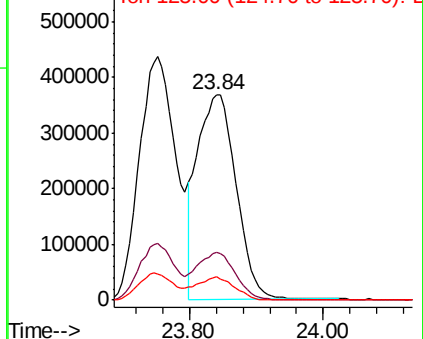


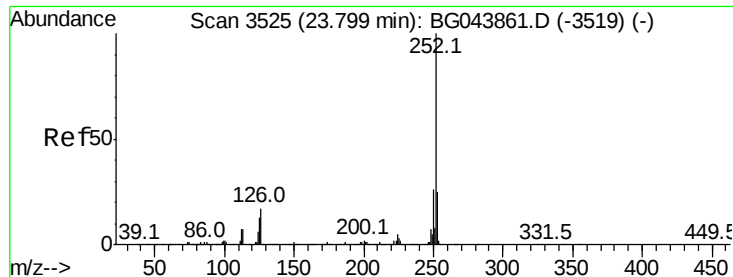
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

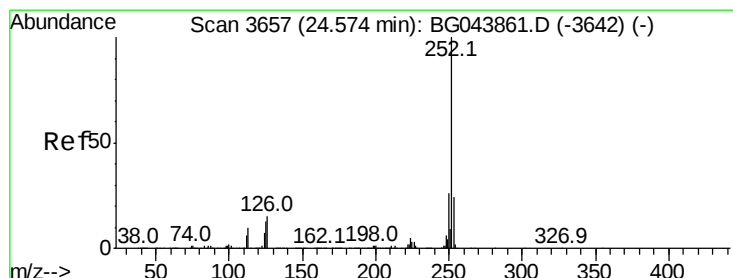
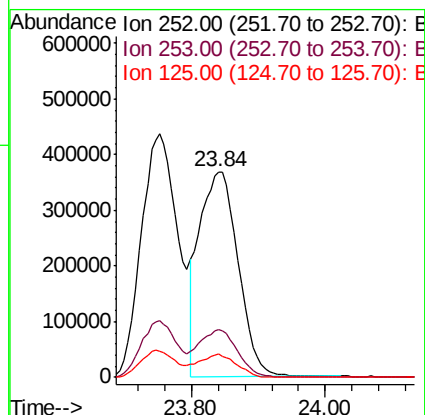
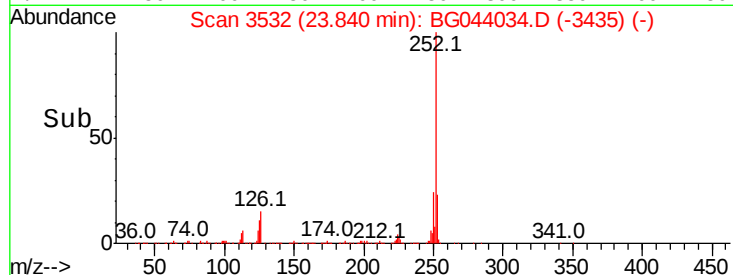
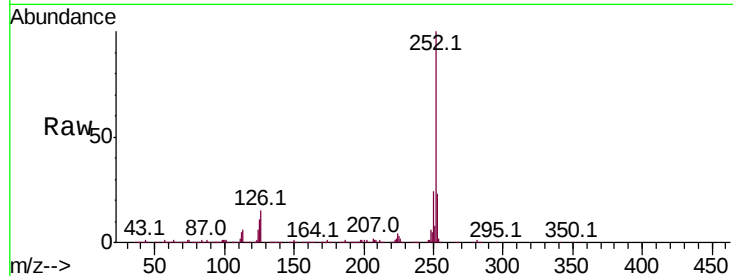




#89
Benzo(k)fluoranthene
Concen: 44.661 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.04 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

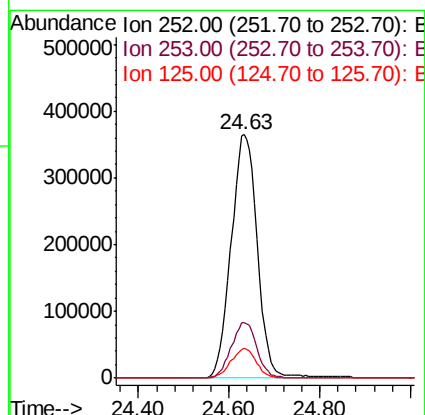
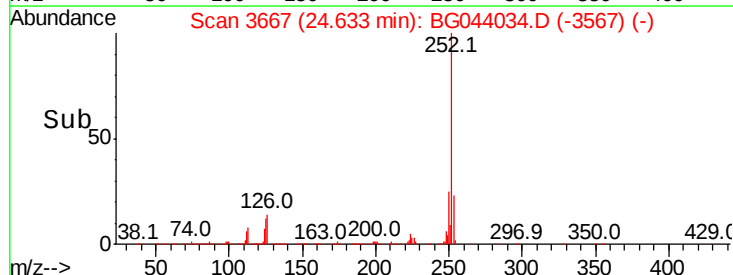
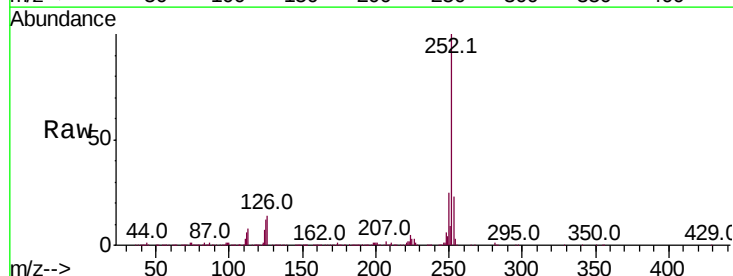
Instrument :
BNA_G
ClientSampled :

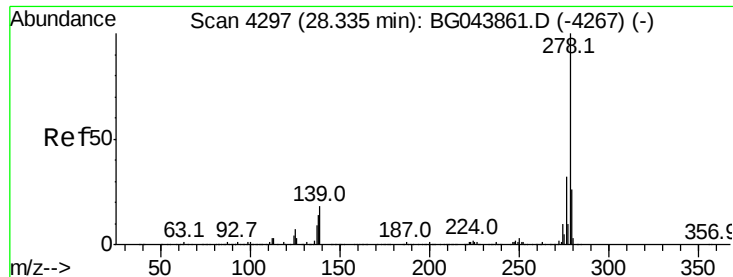
Tot Ion:252 Resp: 1473761
Ion Ratio Lower Upper
252 100
253 23.1 19.4 29.2
125 11.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 44.647 ng
RT: 24.63 min Scan# 3667
Delta R.T. 0.06 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:252 Resp: 1462281
Ion Ratio Lower Upper
252 100
253 22.6 19.3 28.9
125 12.2 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 47.516 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.16 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

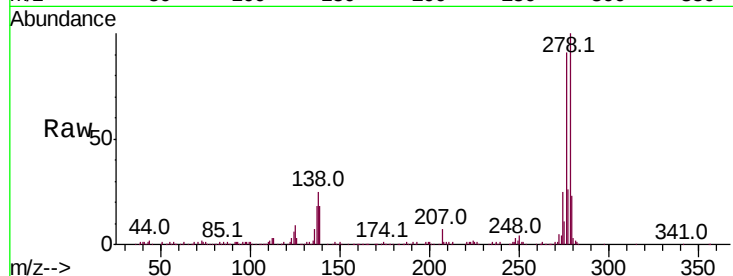
Tot Ion:278 Resp: 1562922

Ion Ratio Lower Upper

278 100

139 17.7 14.2 21.4

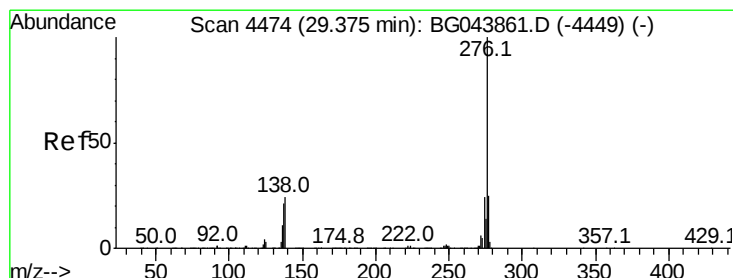
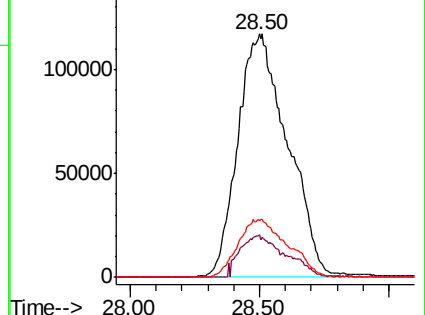
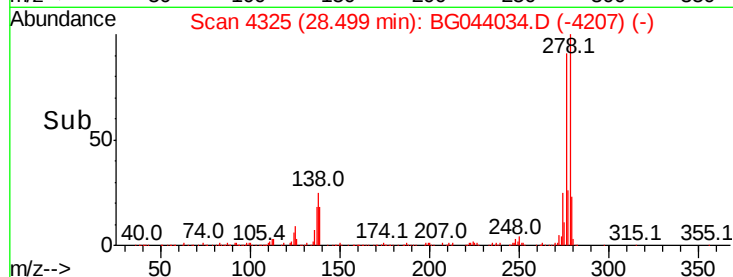
279 23.3 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.107 ng

RT: 29.69 min Scan# 4528

Delta R.T. 0.32 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

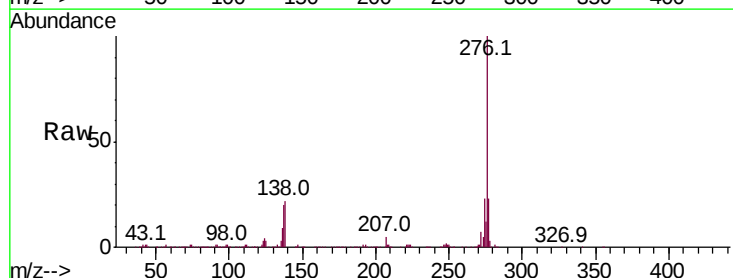
Tgt Ion:276 Resp: 1571807

Ion Ratio Lower Upper

276 100

277 23.0 20.2 30.4

138 21.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

