

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044033.D
 Acq On : 14 Jan 2020 11:49
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 20:32:33 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	150123	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	600674	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	379715	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	818383	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	755742	20.00	ng	0.00
87) Perylene-d12	24.76	264	843334	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	673813	82.41	ng	-0.01
7) Phenol-d6	7.12	99	920200	80.52	ng	0.00
23) Nitrobenzene-d5	9.10	82	849371	75.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	356887	89.81	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1725357	82.32	ng	-0.02
79) Terphenyl-d14	19.94	244	2550900	80.14	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	144270	40.469	ng	96
3) Pyridine	3.82	79	413549	39.268	ng	93
4) n-Nitrosodimethylamine	3.73	42	176847	37.717	ng	98
6) Aniline	7.27	93	581337	38.727	ng	99
8) 2-Chlorophenol	7.52	128	383115	39.914	ng	97
9) Benzaldehyde	7.08	77	252802	34.561	ng	100
10) Phenol	7.14	94	466088	39.582	ng	99
11) bis(2-Chloroethyl)ether	7.36	93	387782	38.151	ng	98
12) 1,3-Dichlorobenzene	7.84	146	457005	40.687	ng	99
13) 1,4-Dichlorobenzene	7.98	146	457116	41.246	ng	98
14) 1,2-Dichlorobenzene	8.30	146	432591	40.666	ng	99
15) Benzyl Alcohol	8.19	79	336063	37.258	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	554858	35.284	ng	98
17) 2-Methylphenol	8.39	107	333486	39.136	ng	98
18) Hexachloroethane	9.03	117	173990	40.346	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	296589	34.847	ng	# 96
20) 3+4-Methylphenols	8.72	107	452922	38.101	ng	98
22) Acetophenone	8.77	105	574362	38.462	ng	98
24) Nitrobenzene	9.14	77	425501	38.261	ng	99
25) Isophorone	9.67	82	772444	36.668	ng	98
26) 2-Nitrophenol	9.86	139	227994	43.333	ng	98
27) 2,4-Dimethylphenol	9.93	122	308024	38.891	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	515987	36.741	ng	99
29) 2,4-Dichlorophenol	10.40	162	380243	40.249	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	430587	40.649	ng	99
31) Naphthalene	10.80	128	1172150	40.325	ng	100
32) Benzoic acid	10.08	122	222061	36.200	ng	94
33) 4-Chloroaniline	10.90	127	536188	38.674	ng	99
34) Hexachlorobutadiene	11.10	225	261355	40.411	ng	98
35) Caprolactam	11.68	113	137800	39.182	ng	97
36) 4-Chloro-3-methylphenol	12.03	107	394461	39.222	ng	97
37) 2-Methylnaphthalene	12.41	142	861540	39.369	ng	98
38) 1-Methylnaphthalene	12.62	142	804281	38.778	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	446979	40.162	ng	99

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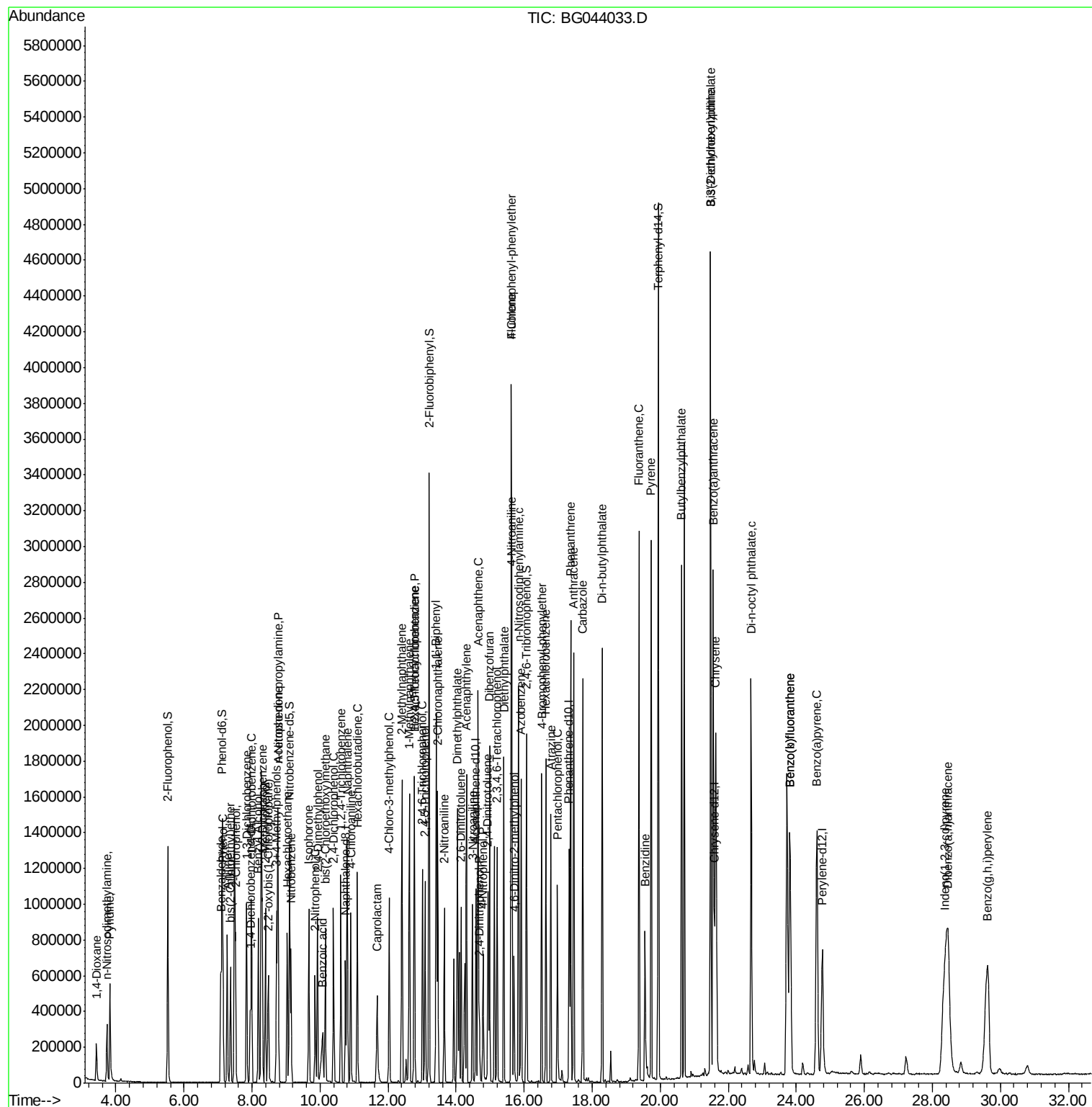
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	206754	35.833	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	310353	40.527	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	320236	40.545	nq	99
46) 1,1'-Biphenyl	13.42	154	1085671	39.878	nq	99
47) 2-Chloronaphthalene	13.46	162	871754	39.626	nq	98
48) 2-Nitroaniline	13.65	65	275920	38.990	nq	97
49) Acenaphthylene	14.30	152	1275426	40.336	nq	99
50) Dimethylphthalate	14.04	163	1066933	39.573	nq	100
51) 2,6-Dinitrotoluene	14.15	165	241636	39.652	nq	98
52) Acenaphthene	14.64	154	882549	39.800	nq	98
53) 3-Nitroaniline	14.48	138	285378	41.239	nq	96
54) 2,4-Dinitrophenol	14.69	184	115270	40.068	nq	95
55) Dibenzofuran	14.98	168	1229734	40.285	nq	99
56) 4-Nitrophenol	14.79	139	222959	42.045	nq	93
57) 2,4-Dinitrotoluene	14.94	165	350780	42.304	nq	99
58) Fluorene	15.63	166	982066	40.590	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	280939	41.365	nq	96
60) Diethylphthalate	15.40	149	1088556	40.367	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	518268	39.449	nq	98
62) 4-Nitroaniline	15.64	138	290435	42.500	nq	97
63) Azobenzene	15.91	77	964824	38.580	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	171696	41.386	nq	98
66) n-Nitrosodiphenylamine	15.84	169	917255	38.060	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	350733	38.105	nq	99
68) Hexachlorobenzene	16.64	284	385618	38.881	nq	99
69) Atrazine	16.78	200	287531	36.704	nq	99
70) Pentachlorophenol	16.98	266	214767	39.282	nq	99
71) Phenanthrene	17.36	178	1564892	39.866	nq	99
72) Anthracene	17.46	178	1561803	40.259	nq	100
73) Carbazole	17.72	167	1487648	41.514	nq	99
74) Di-n-butylphthalate	18.29	149	1822071	39.825	nq	100
75) Fluoranthene	19.37	202	1827694	40.713	nq	100
77) Benzidine	19.56	184	639267	33.653	nq	99
78) Pyrene	19.74	202	1842050	37.341	nq	99
80) Butylbenzylphthalate	20.63	149	911058	38.792	nq	95
81) Benzo(a)anthracene	21.56	228	1800882	38.430	nq	100
82) 3,3'-Dichlorobenzidine	21.48	252	698491	37.728	nq	99
83) Chrysene	21.64	228	1879425	42.208	nq	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	1233340	38.059	nq	99
85) Di-n-octyl phthalate	22.68	149	2165576	39.750	nq	98
86) Indeno(1,2,3-cd)pyrene	28.37	276	1188312	19.637	nq	# 89
88) Benzo(b)fluoranthene	23.82	252	1930086	38.713	nq	98
89) Benzo(k)fluoranthene	23.82	252	1930086	40.711	nq	98
90) Benzo(a)pyrene	24.61	252	1891519	40.198	nq	98
91) Dibenzo(a,h)anthracene	28.46	278	1929091	40.821	nq	97
92) Benzo(g,h,i)perylene	29.61	276	1882984	40.114	nq	96

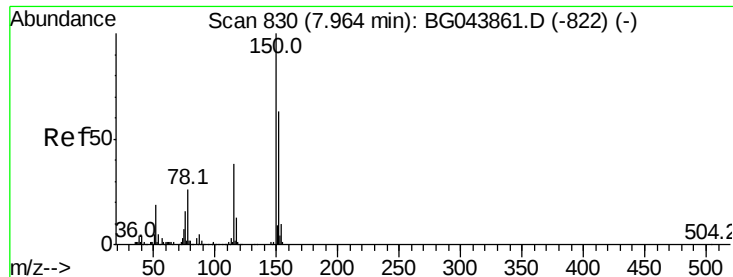
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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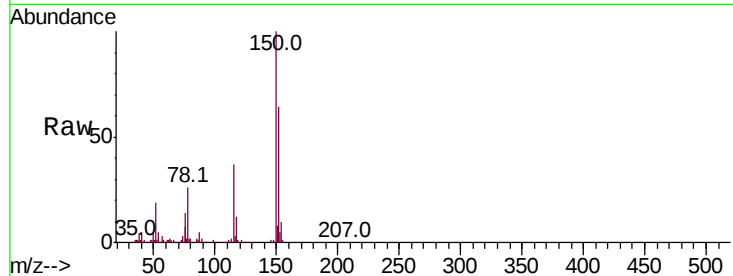


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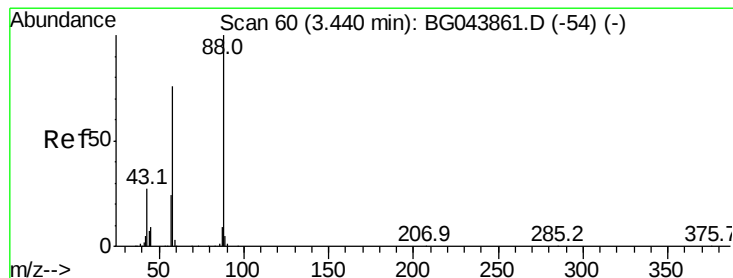
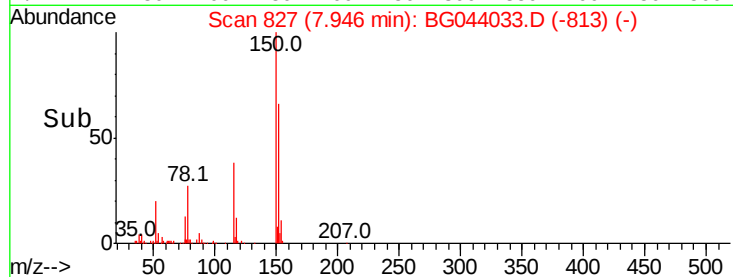
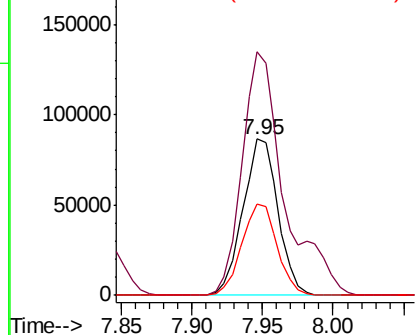
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.0	190.4
115	58.1	47.8	71.8



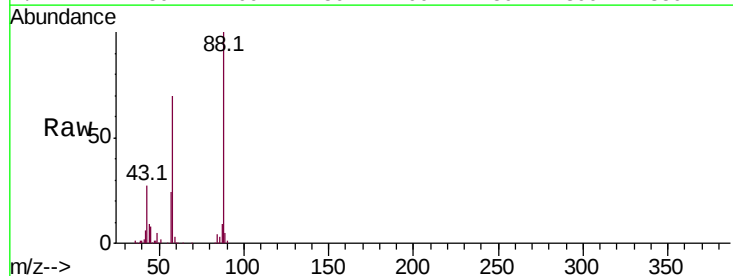
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



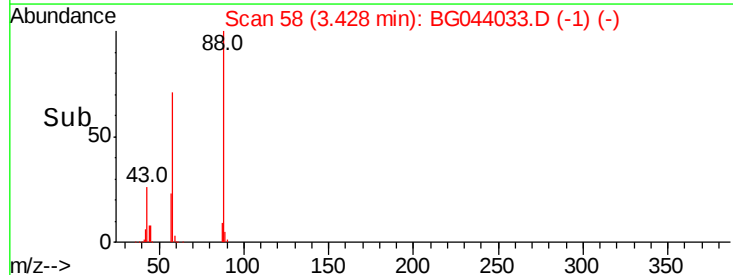
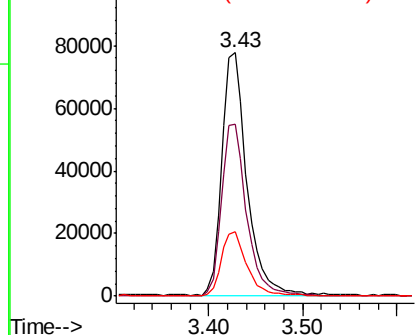
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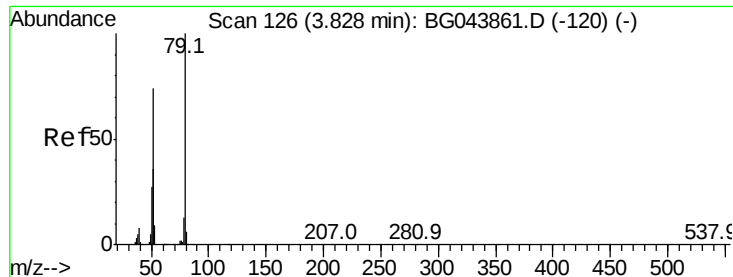
1,4-Dioxane
Concen: 40.469 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	59.8	89.8
43	27.6	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: 39.268 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

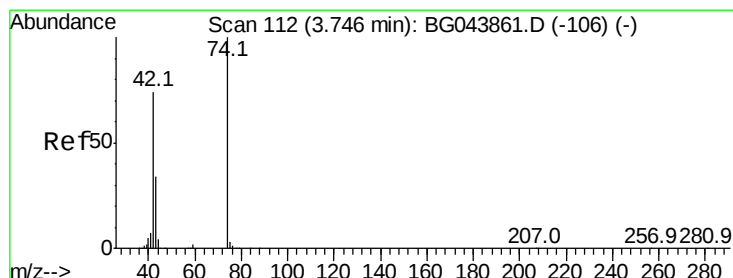
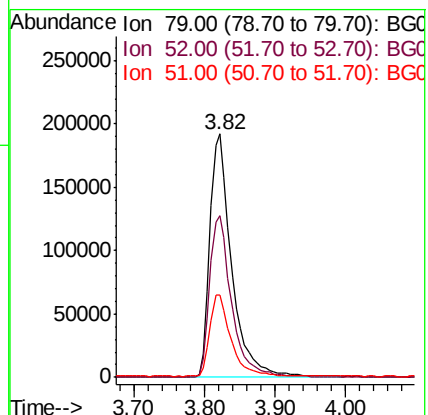
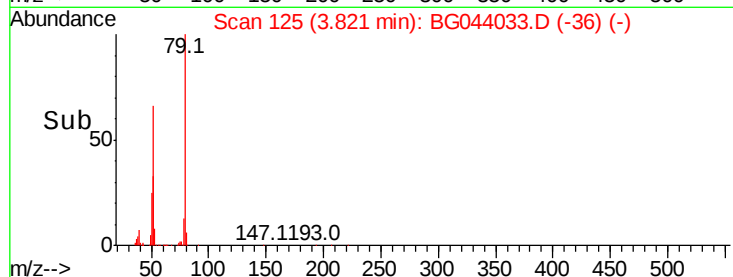
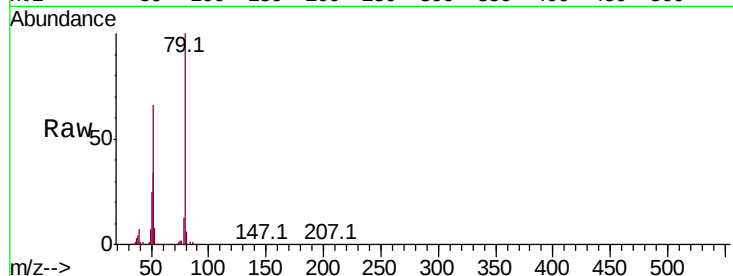
Tot Ion: 79 Resp: 413549

Ion Ratio Lower Upper

79 100

52 66.4 58.9 88.3

51 33.7 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 37.717 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

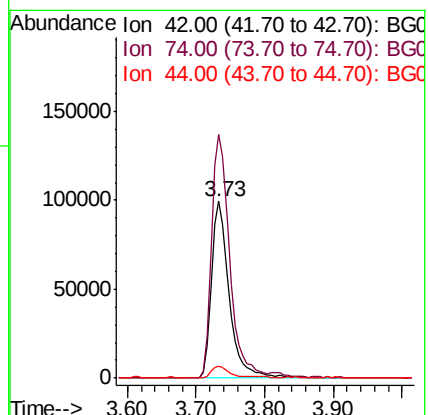
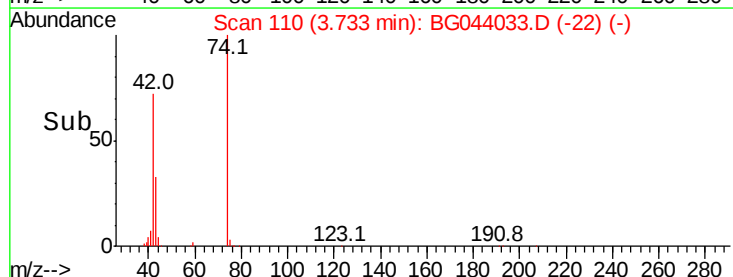
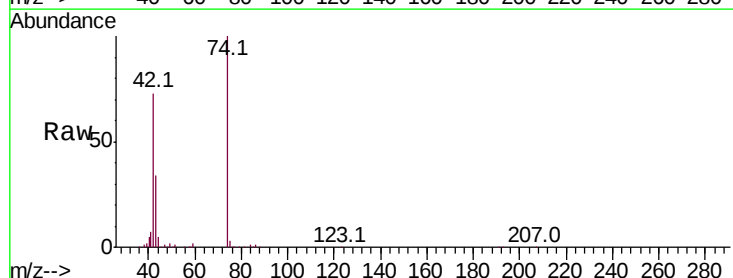
Tgt Ion: 42 Resp: 176847

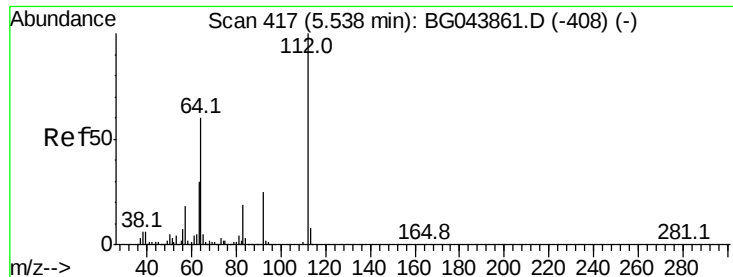
Ion Ratio Lower Upper

42 100

74 137.9 108.6 162.8

44 6.5 5.0 7.6





#5

2-Fluorophenol

Concen: 82.413 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

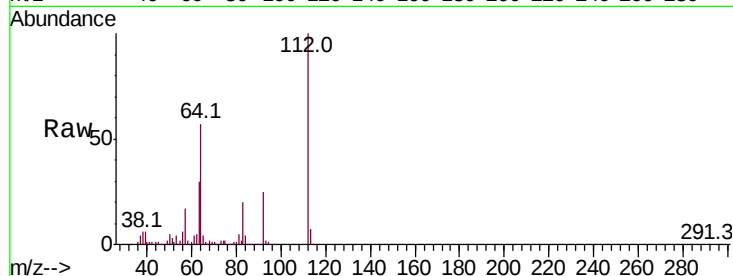
Tot Ion:112 Resp: 673813

Ion Ratio Lower Upper

112 100

64 56.8 47.8 71.6

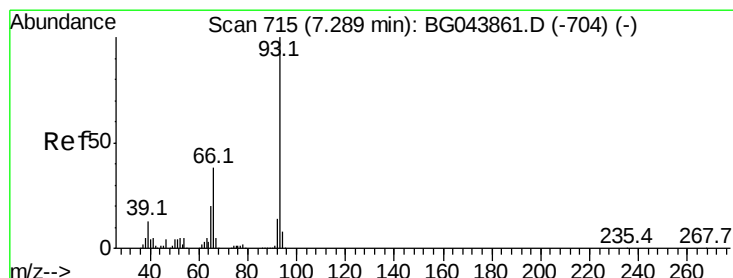
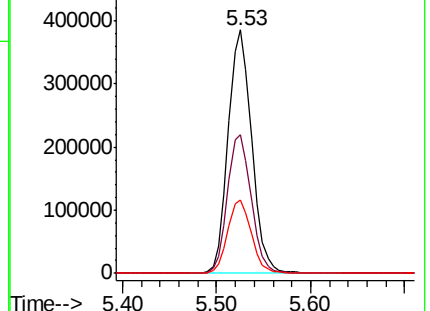
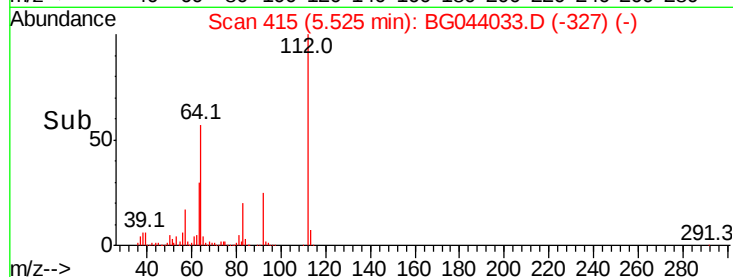
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.727 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

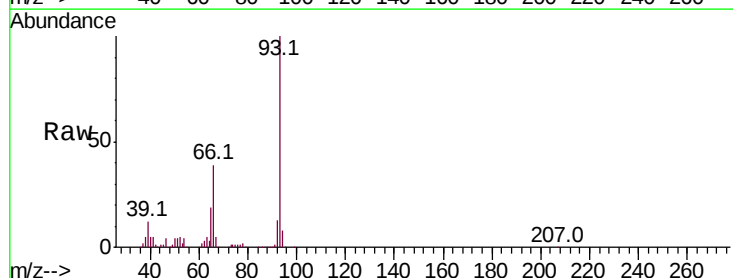
Tgt Ion: 93 Resp: 581337

Ion Ratio Lower Upper

93 100

66 38.7 30.8 46.2

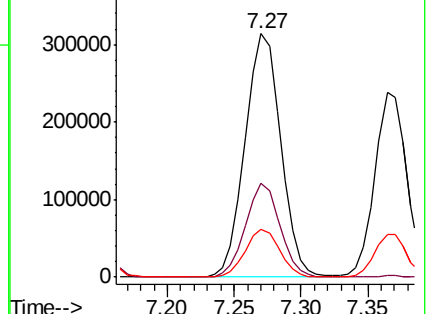
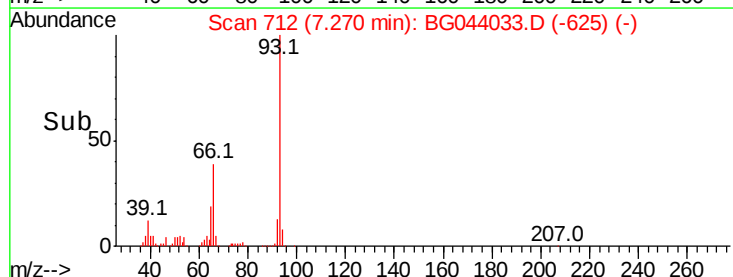
65 19.4 16.0 24.0

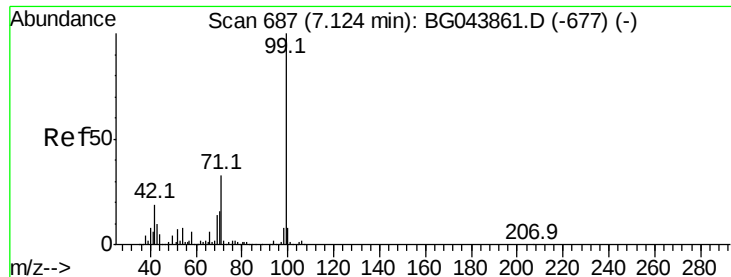


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.517 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

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ClientSampleId :

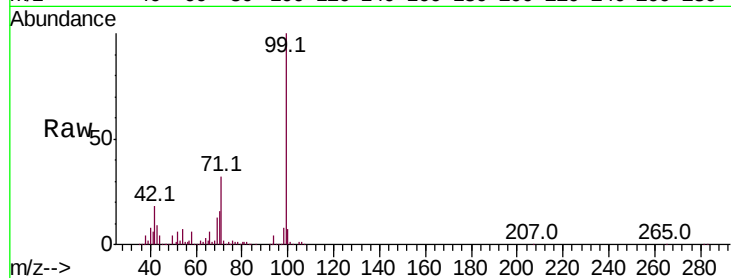
Tot Ion: 99 Resp: 920200

Ion Ratio Lower Upper

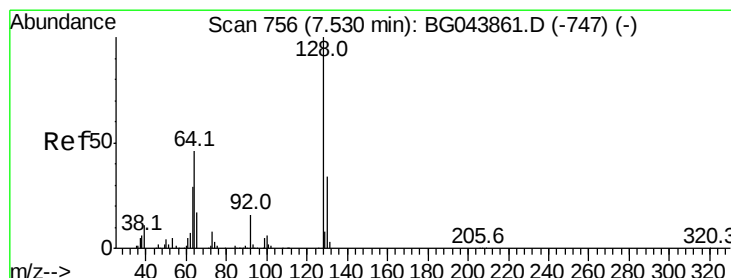
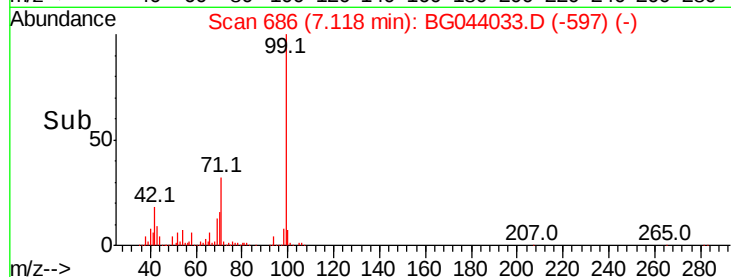
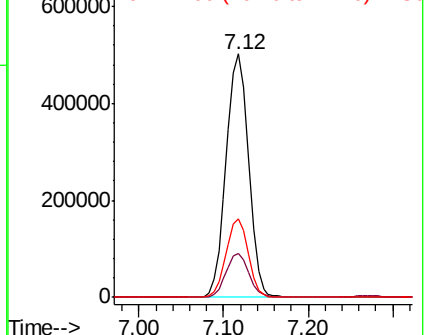
99 100

42 17.9 14.9 22.3

71 32.5 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: 39.914 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

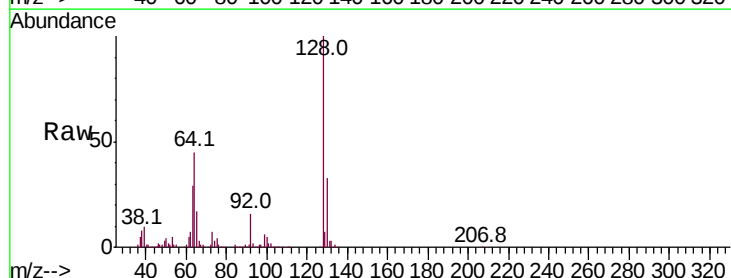
Tgt Ion:128 Resp: 383115

Ion Ratio Lower Upper

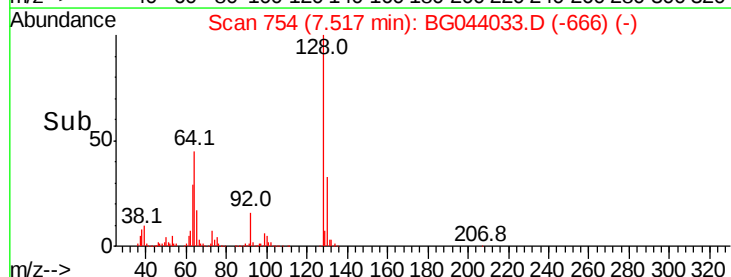
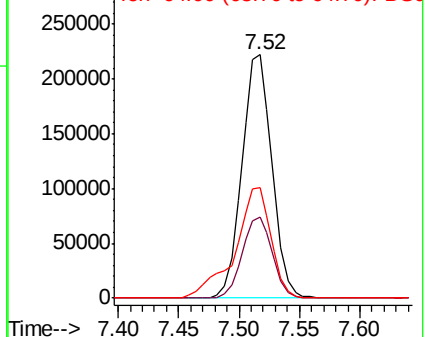
128 100

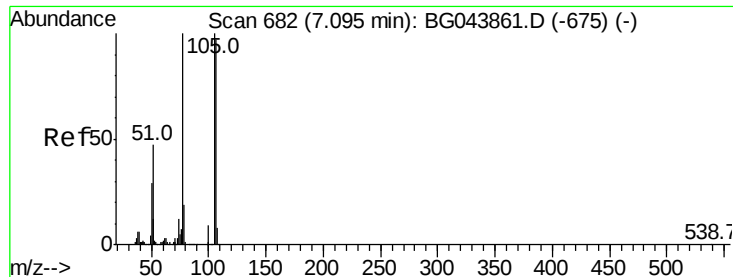
130 33.2 13.8 53.8

64 45.1 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: 34.561 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

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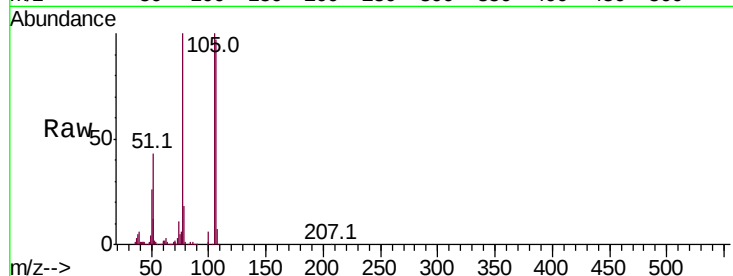
Tot Ion: 77 Resp: 252802

Ion Ratio Lower Upper

77 100

105 100.4 80.2 120.2

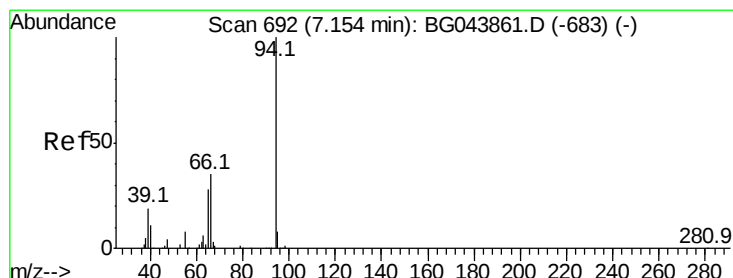
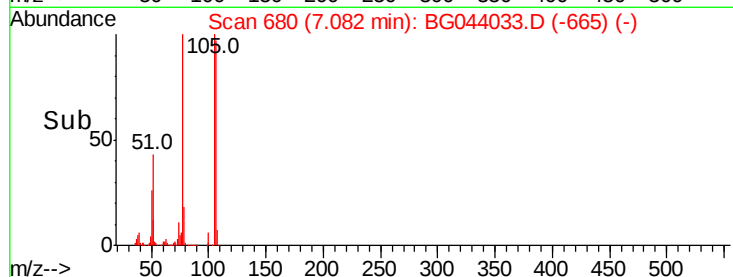
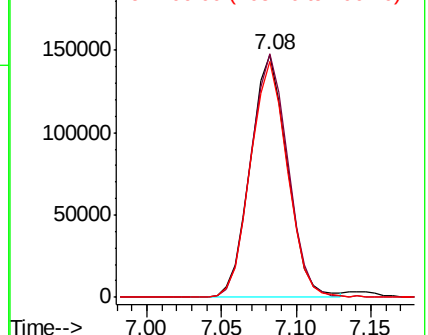
106 97.1 77.2 117.2



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: 39.582 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

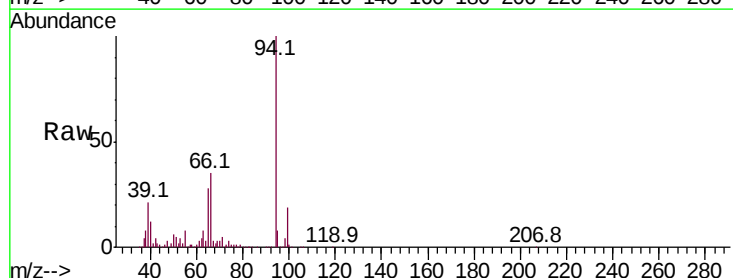
Tgt Ion: 94 Resp: 466088

Ion Ratio Lower Upper

94 100

65 27.8 8.1 48.1

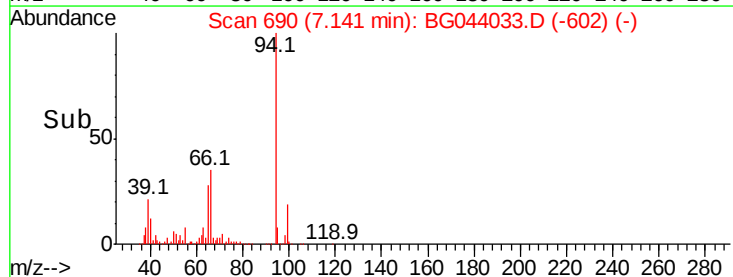
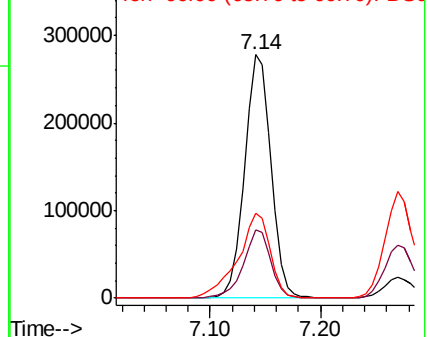
66 34.8 15.6 55.6

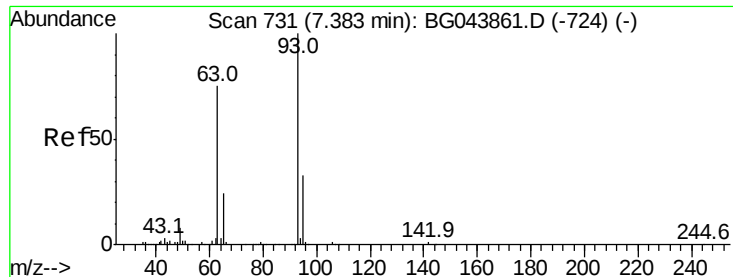


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

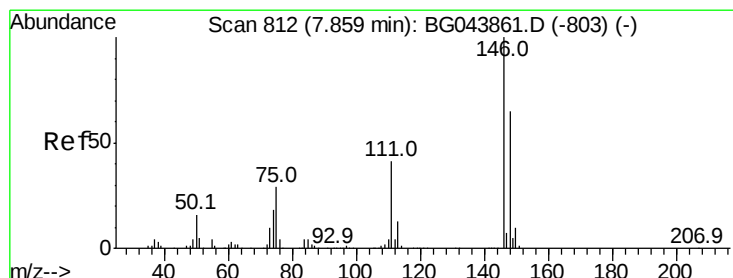
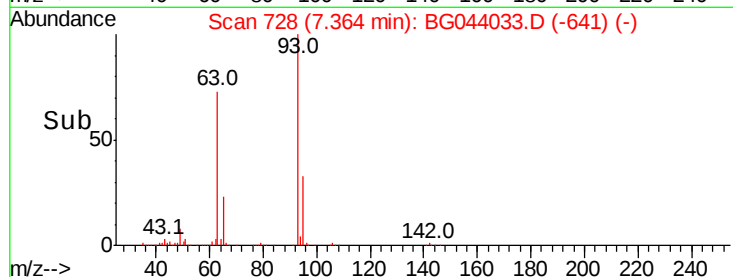
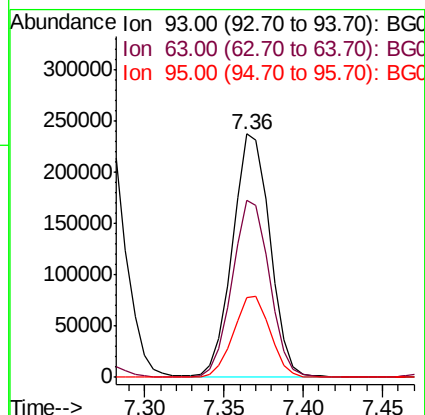
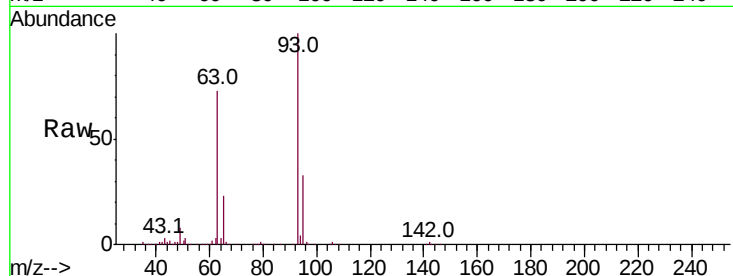




#11
 bis(2-Chloroethyl)ether
 Concen: 38.151 ng
 RT: 7.36 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

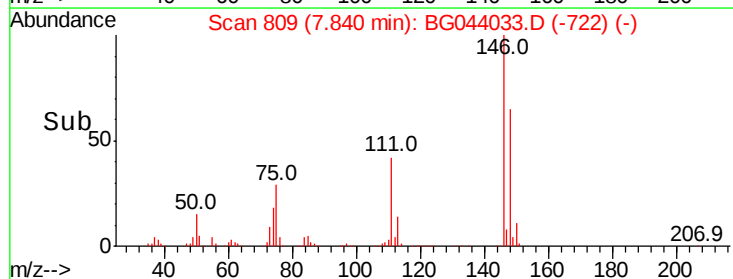
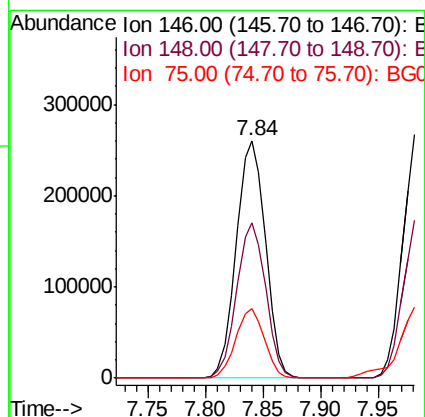
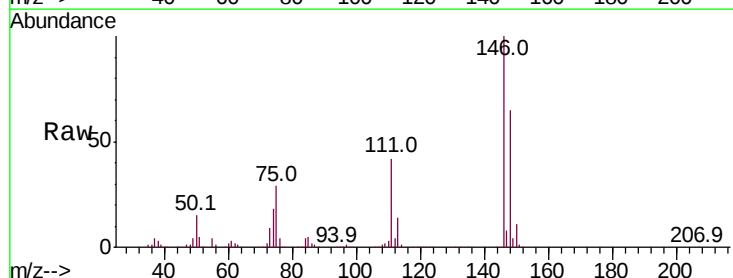
Instrument :
 BNA_G
 ClientSampleId :

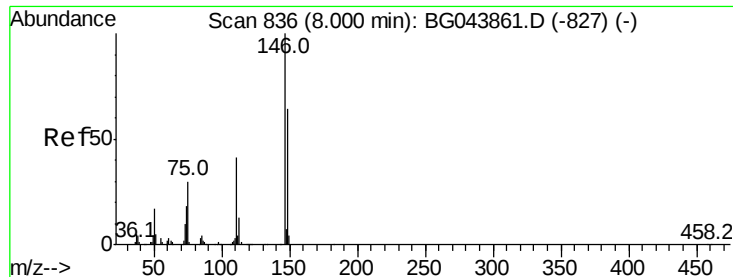
Tot Ion: 93 Resp: 387782
 Ion Ratio Lower Upper
 93 100
 63 72.5 55.0 95.0
 95 32.7 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.687 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

Tgt Ion: 146 Resp: 457005
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.1 78.1
 75 29.1 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 41.246 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

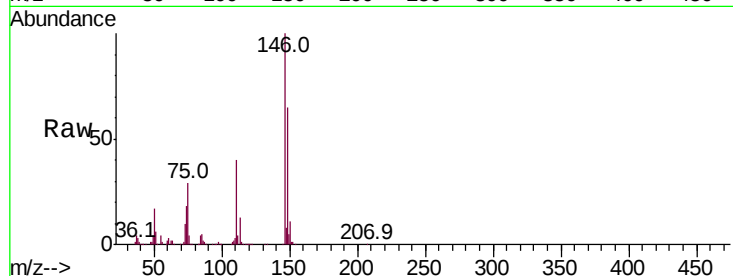
Tot Ion:146 Resp: 457116

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

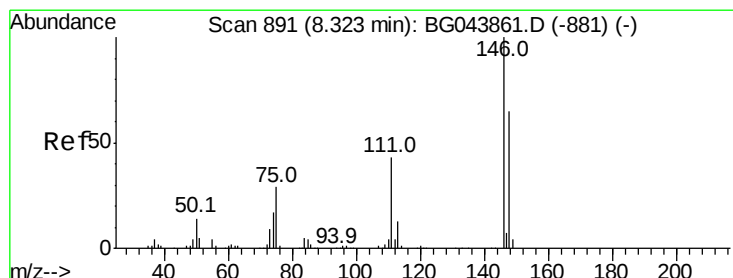
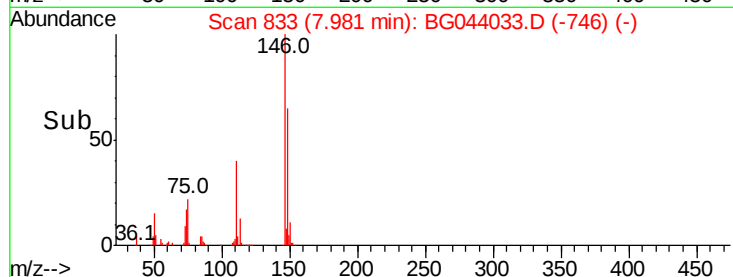
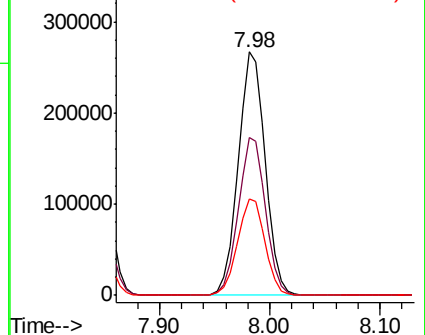
111 39.8 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.666 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

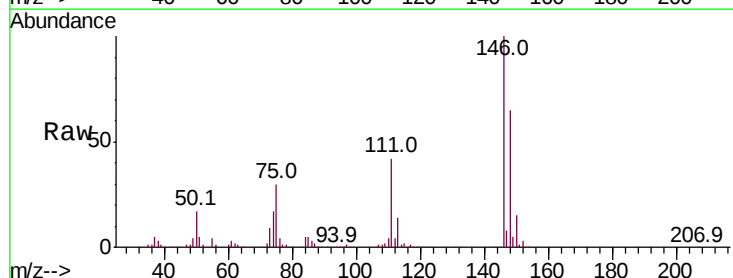
Tgt Ion:146 Resp: 432591

Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

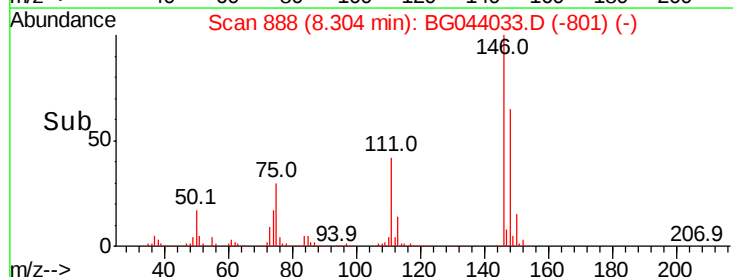
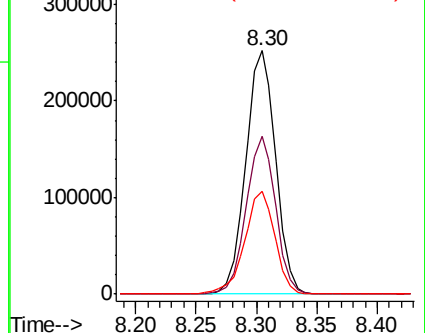
111 42.4 34.4 51.6

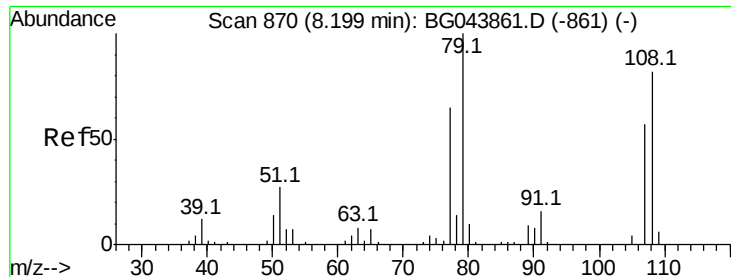


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.258 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

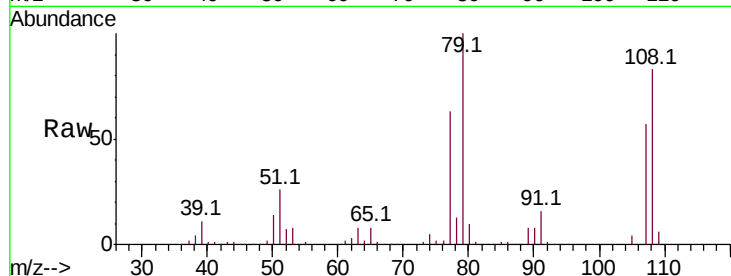
Tot Ion: 79 Resp: 336063

Ion Ratio Lower Upper

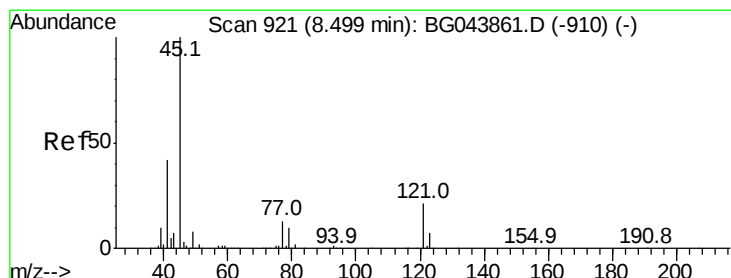
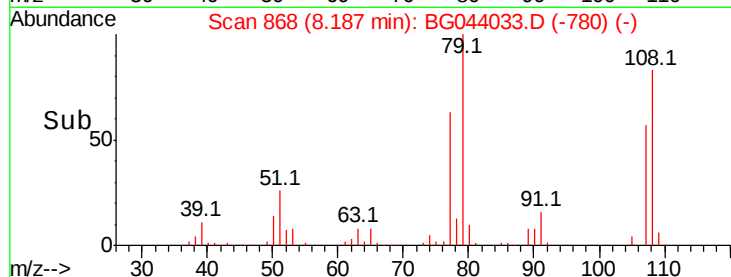
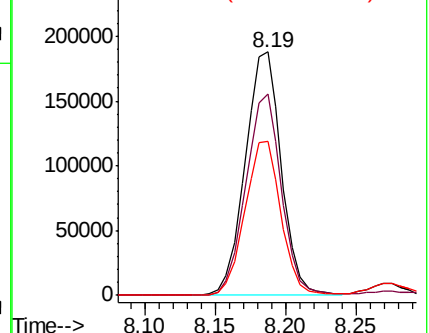
79 100

108 82.8 65.6 98.4

77 63.4 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: 35.284 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

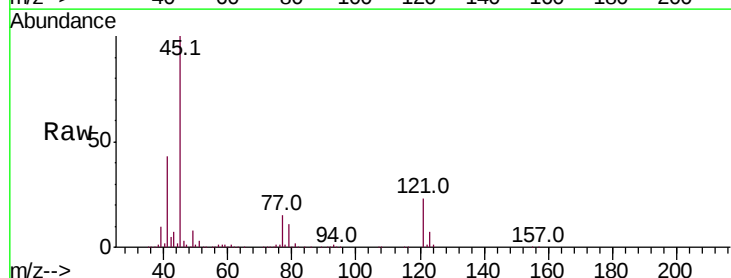
Tgt Ion: 45 Resp: 554858

Ion Ratio Lower Upper

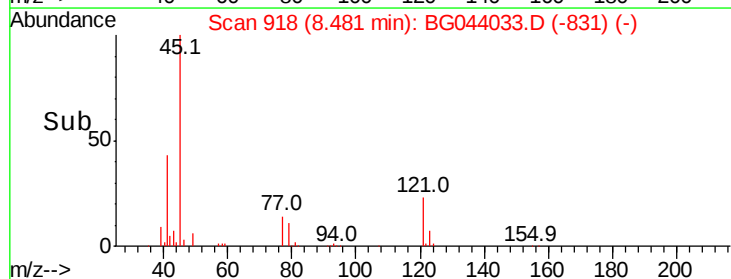
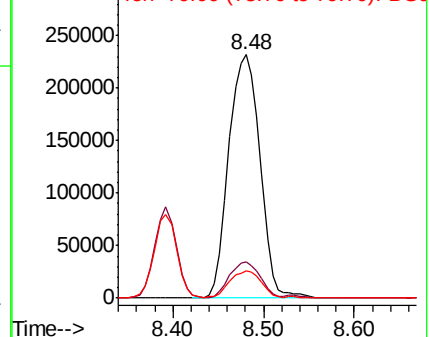
45 100

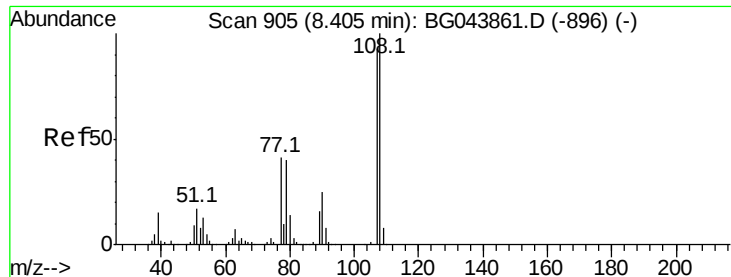
77 14.8 0.0 33.8

79 11.2 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

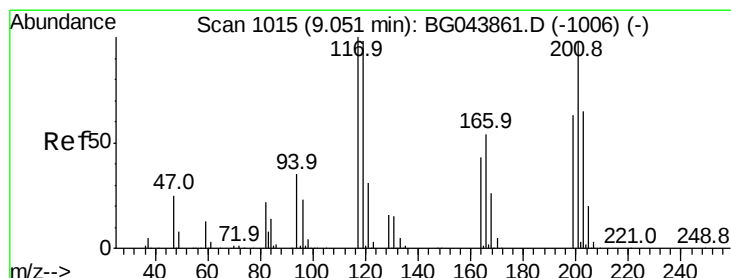
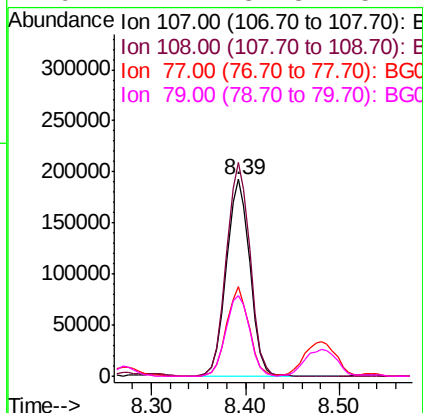
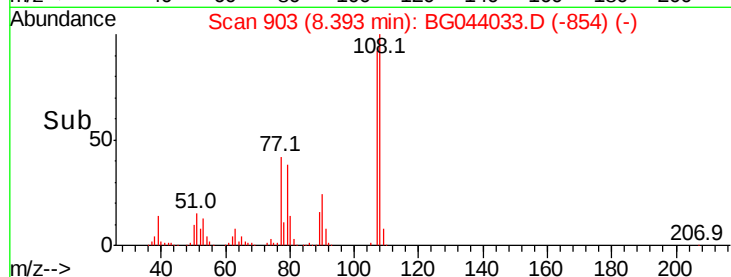
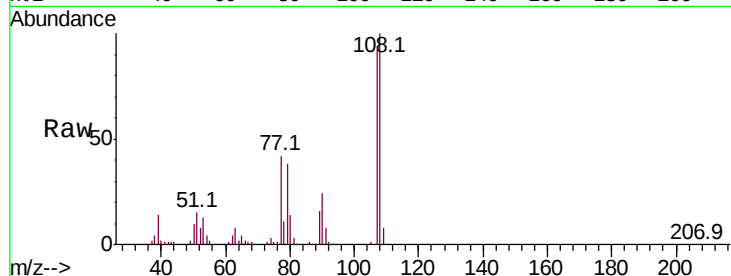




#17
2-Methylphenol
Concen: 39.136 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

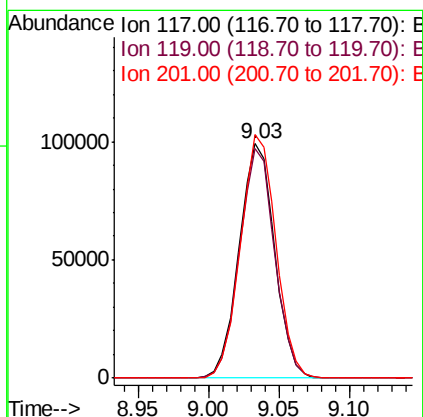
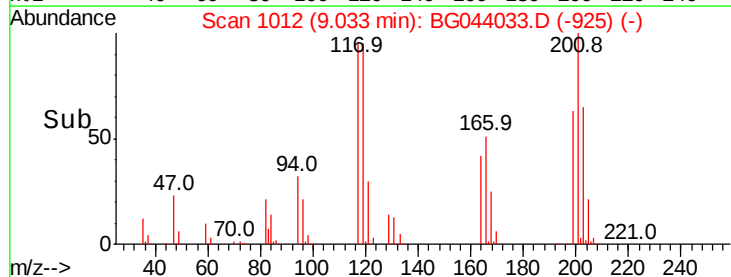
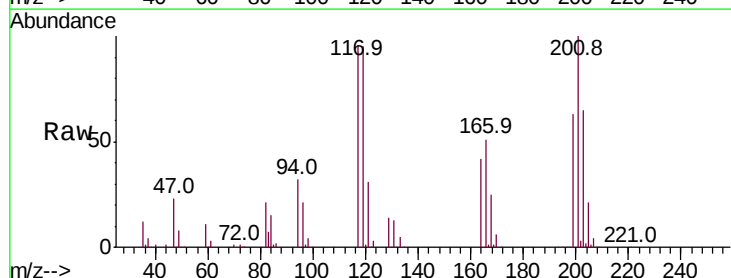
Instrument :
BNA_G
ClientSampleId :

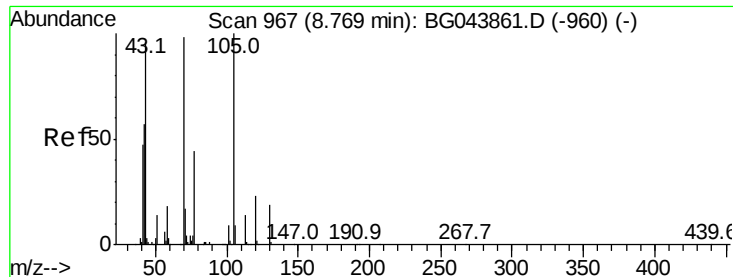
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.1	129.1
77	45.3	35.4	53.0
79	41.1	34.8	52.2



#18
Hexachloroethane
Concen: 40.346 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.1	117.1
201	103.8	78.6	117.8

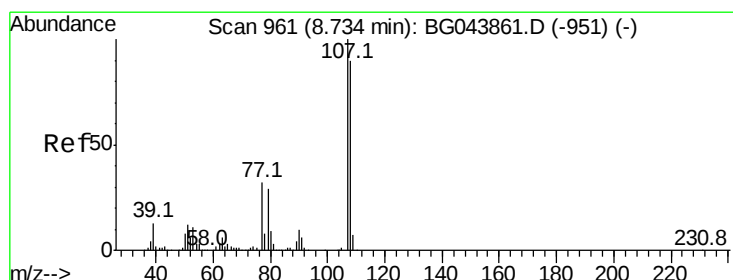
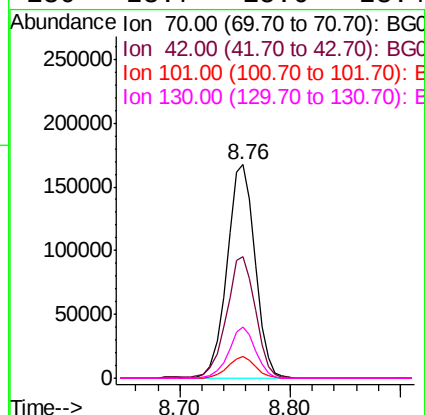
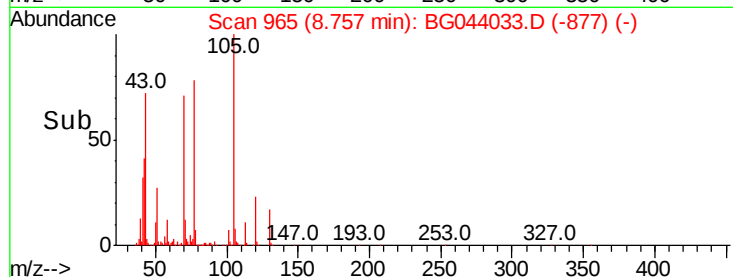
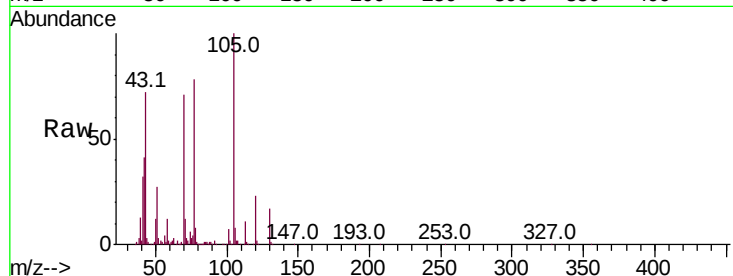




#19
n-Nitroso-di-n-propylamine
Concen: 34.847 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

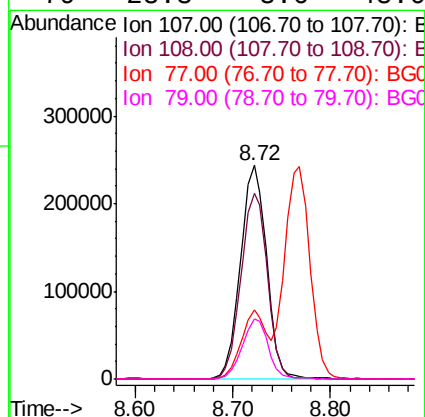
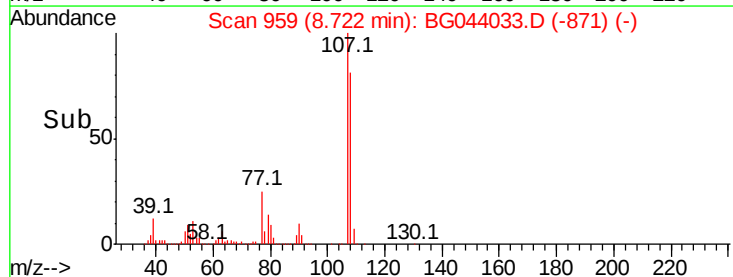
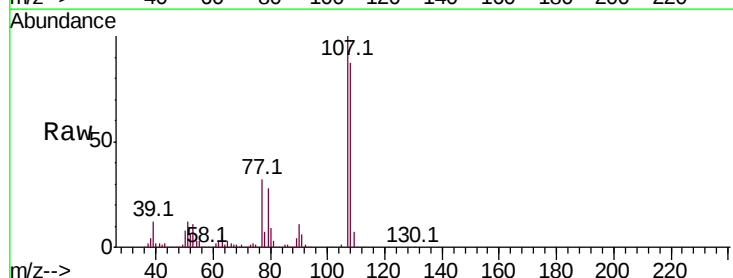
Instrument :
BNA_G
ClientSampleId :

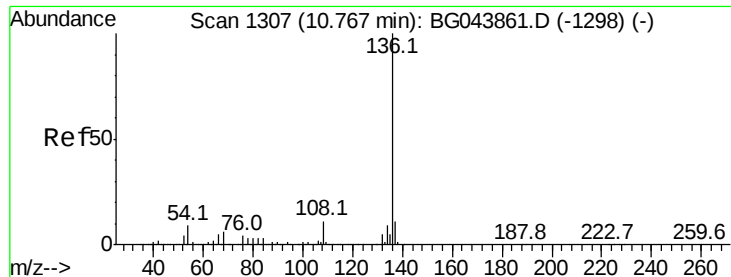
Tot Ion: 70 Resp: 296589
Ion Ratio Lower Upper
70 100
42 57.2 47.0 70.4
101 10.3 7.2 10.8
130 23.7 15.6 23.4#



#20
3+4-Methylphenols
Concen: 38.101 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:107 Resp: 452922
Ion Ratio Lower Upper
107 100
108 86.9 70.3 110.3
77 32.1 12.4 52.4
79 28.3 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 600674

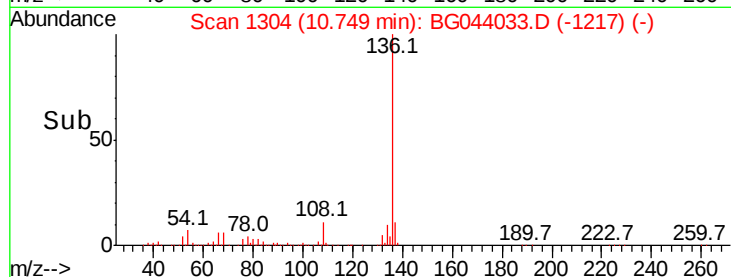
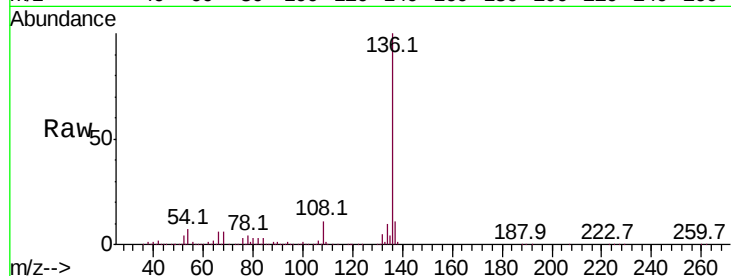
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.5 7.0 10.4

68 6.1 4.9 7.3



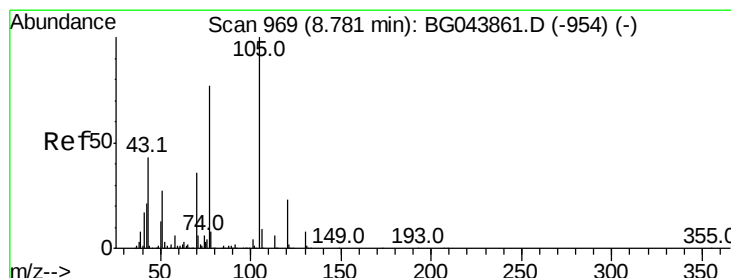
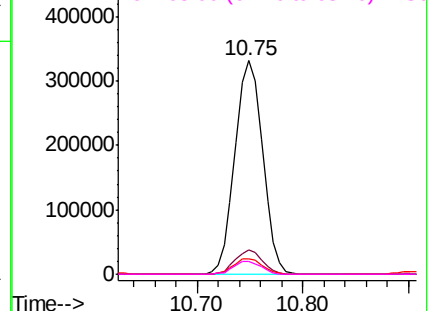
Abundance

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: 38.462 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Tgt Ion:105 Resp: 574362

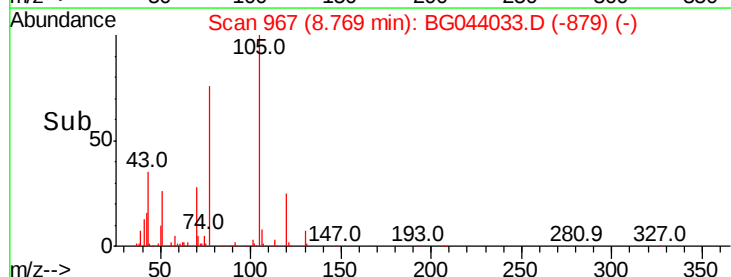
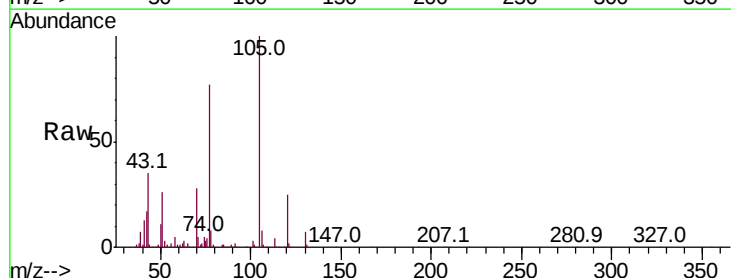
Ion Ratio Lower Upper

105 100

71 4.8 4.8 7.2

51 25.9 21.4 32.0

120 24.7 18.6 28.0



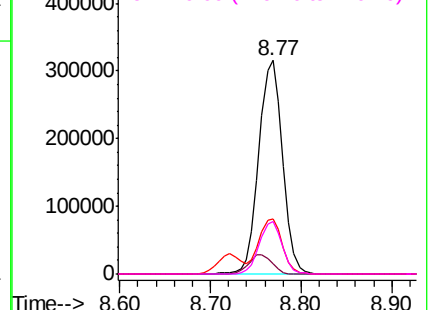
Abundance

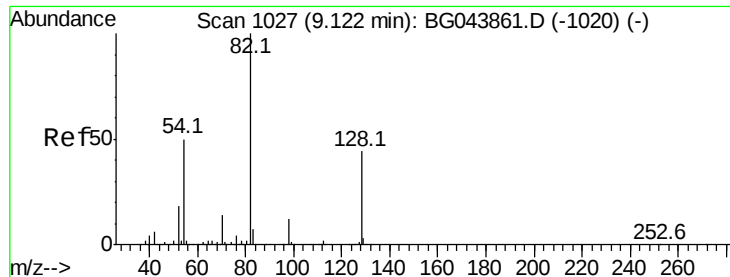
Ion 105.00 (104.70 to 105.70): E

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

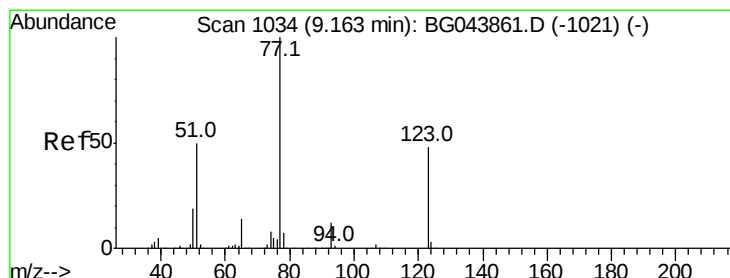
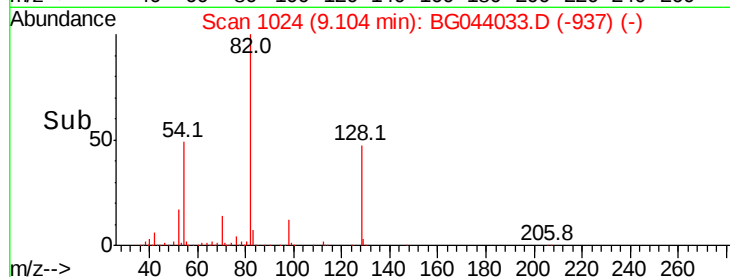
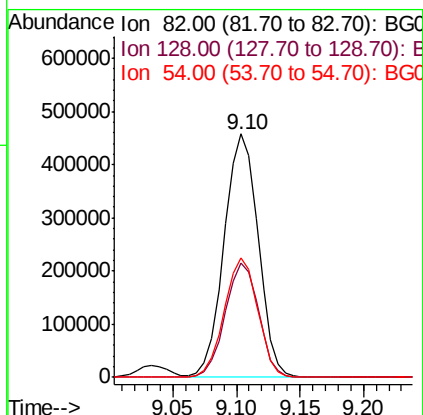
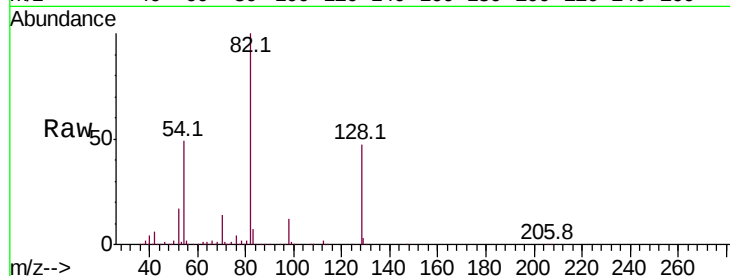




#23
Nitrobenzene-d5
Concen: 75.645 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

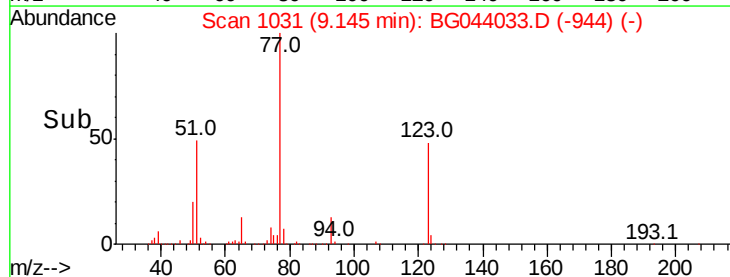
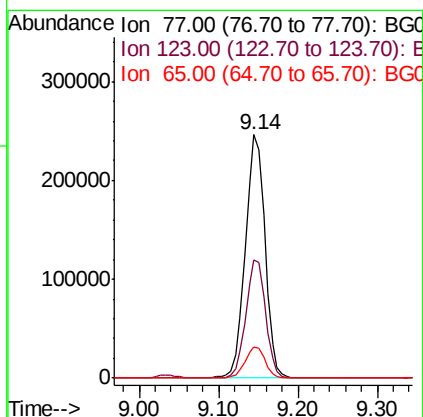
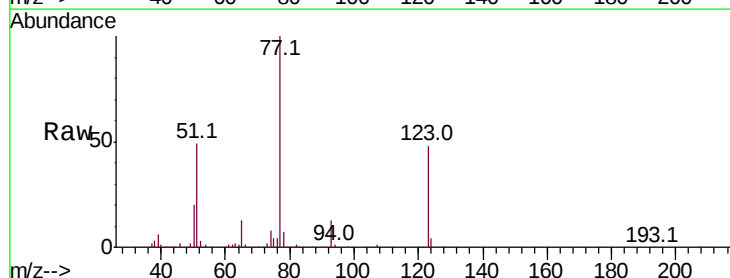
Instrument :
BNA_G
ClientSampleId :

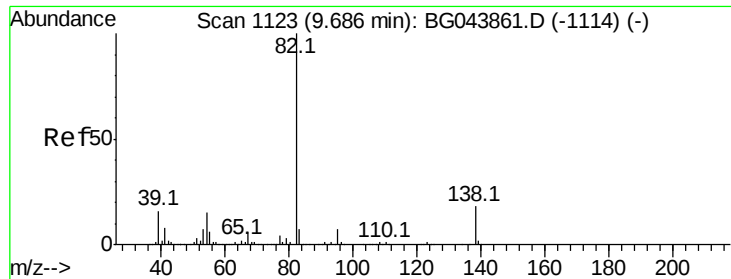
Tot Ion: 82 Resp: 849371
Ion Ratio Lower Upper
82 100
128 46.8 35.1 52.7
54 48.9 40.1 60.1



#24
Nitrobenzene
Concen: 38.261 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion: 77 Resp: 425501
Ion Ratio Lower Upper
77 100
123 48.4 38.7 58.1
65 13.0 11.1 16.7

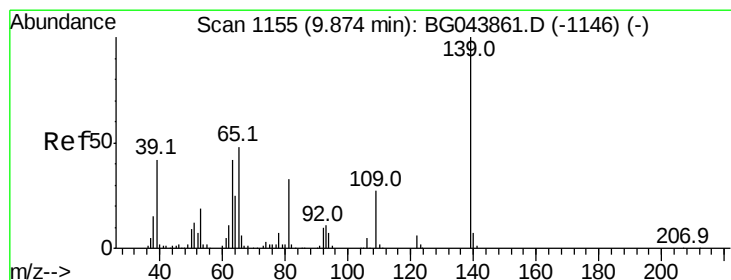
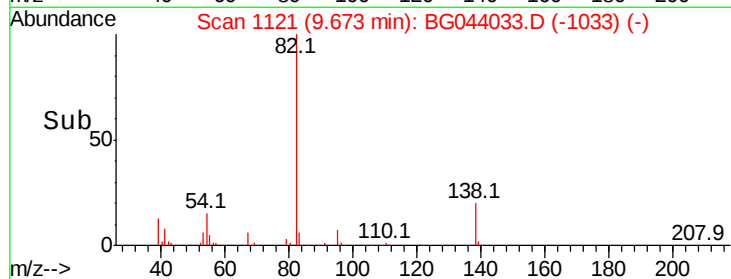
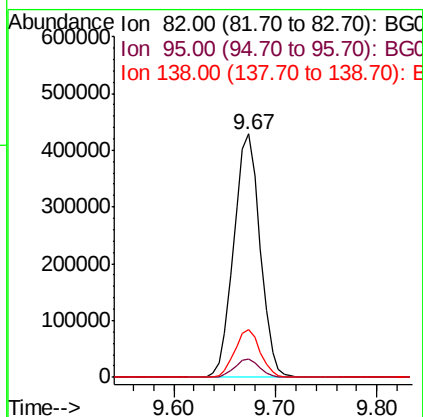
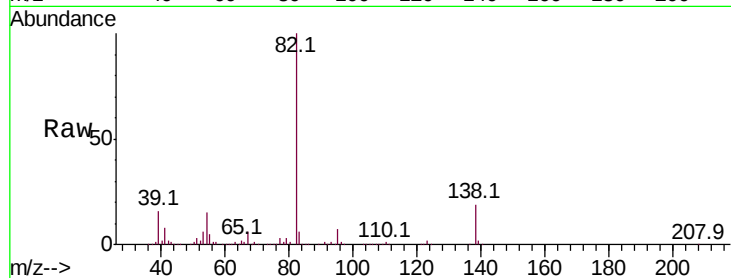




#25
Isophorone
Concen: 36.668 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

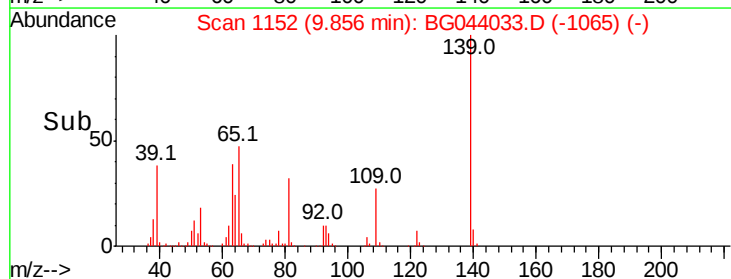
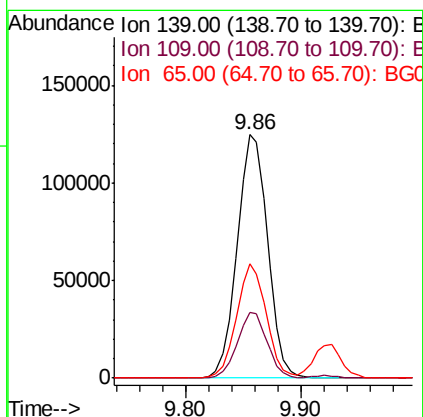
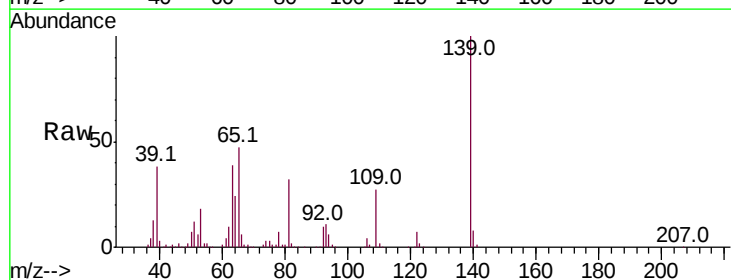
Instrument :
BNA_G
ClientSampled :

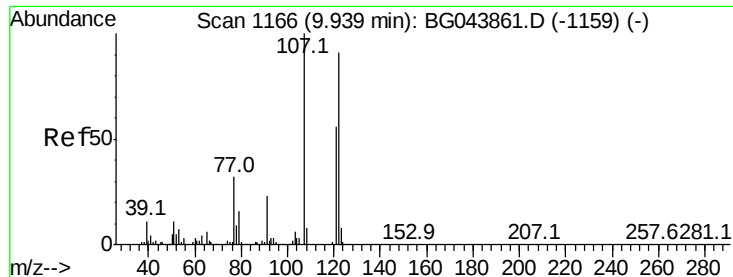
Tot Ion: 82 Resp: 772444
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.5 14.6 22.0



#26
2-Nitrophenol
Concen: 43.333 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion: 139 Resp: 227994
Ion Ratio Lower Upper
139 100
109 26.8 21.3 31.9
65 46.8 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 38.891 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

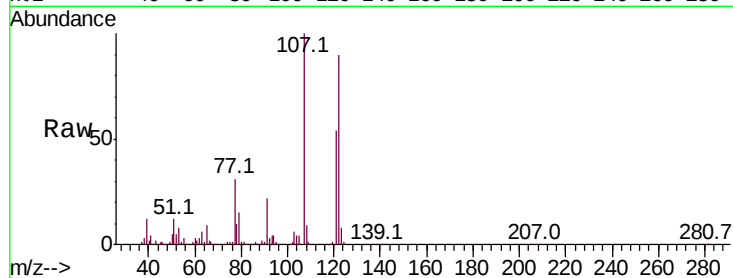
Tot Ion:122 Resp: 308024

Ion Ratio Lower Upper

122 100

107 111.5 88.0 132.0

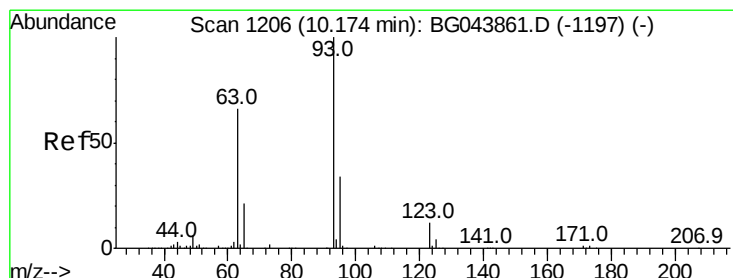
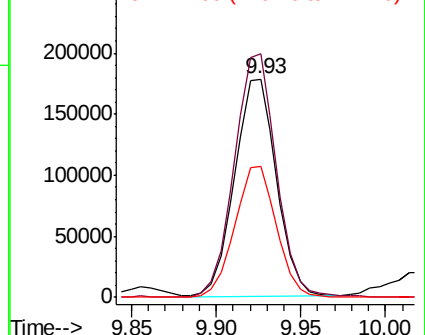
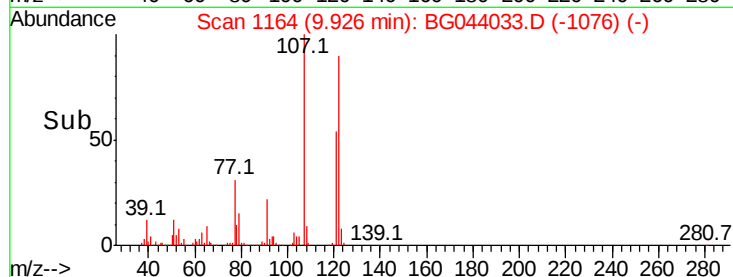
121 60.3 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.741 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

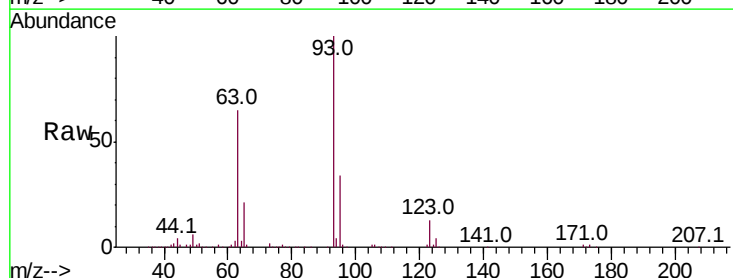
Tgt Ion: 93 Resp: 515987

Ion Ratio Lower Upper

93 100

95 34.1 27.2 40.8

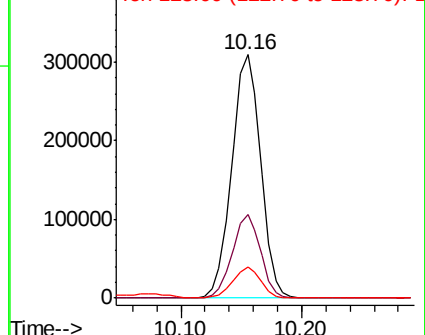
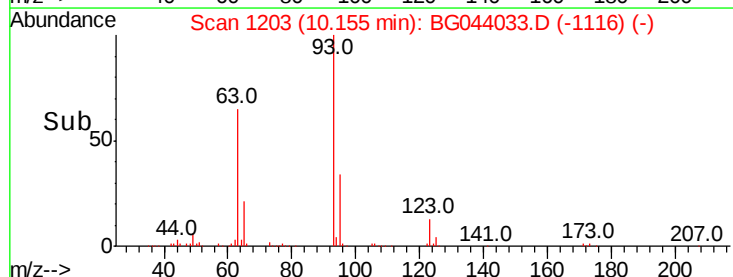
123 12.8 9.7 14.5

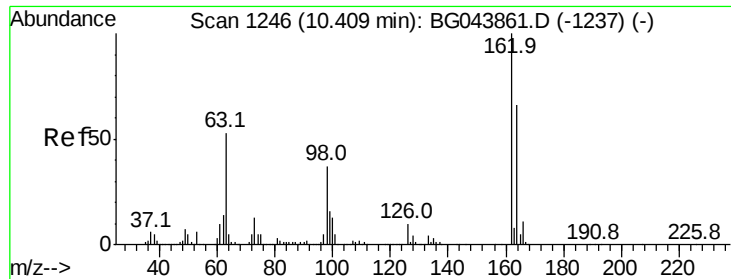


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

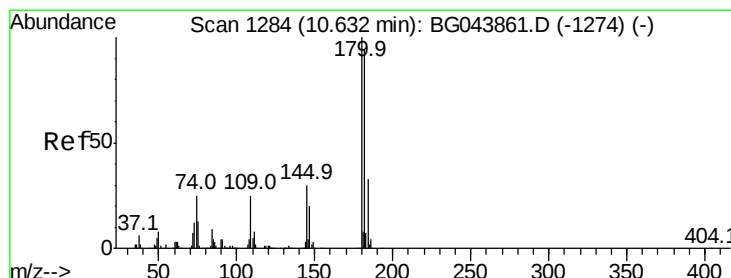
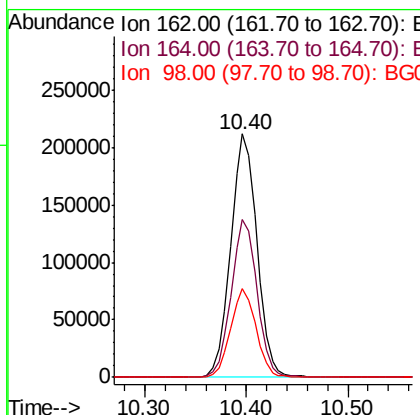
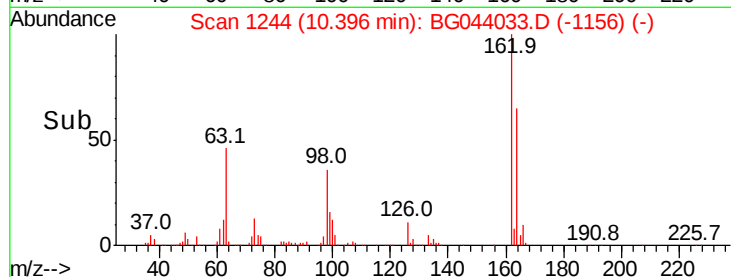
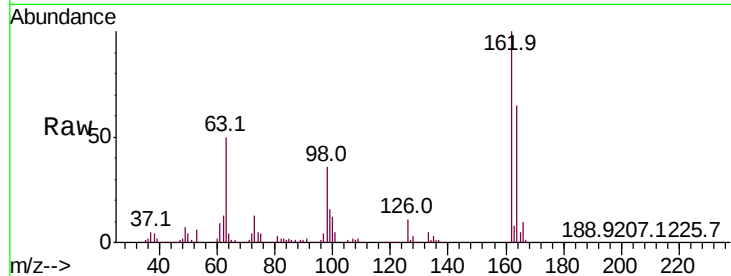




#29
2,4-Dichlorophenol
Concen: 40.249 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

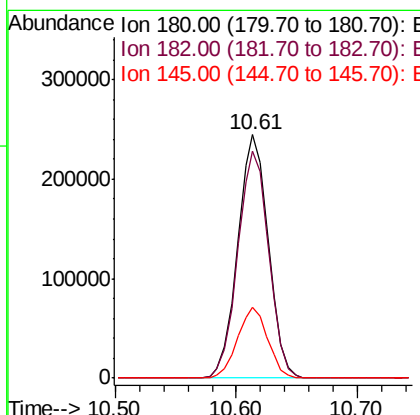
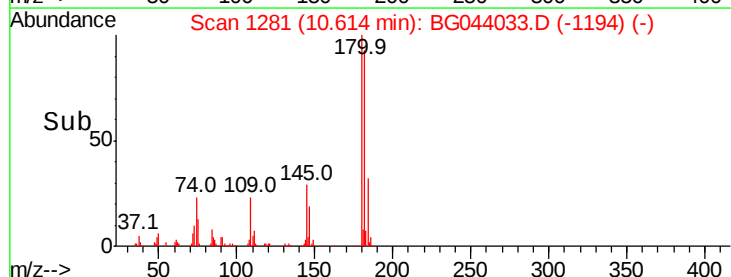
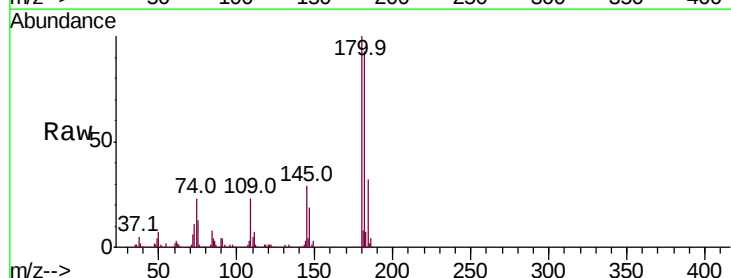
Instrument :
BNA_G
ClientSampleId :

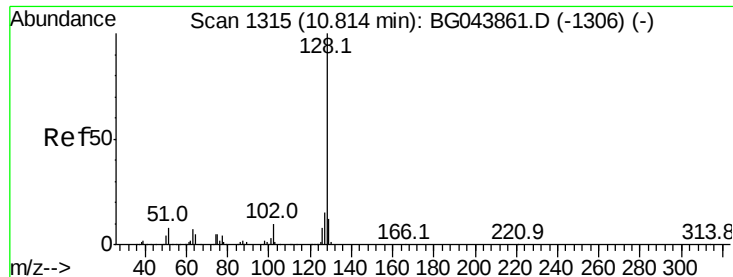
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.3	86.3
98	36.4	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 40.649 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.0	112.4
145	29.0	24.2	36.4

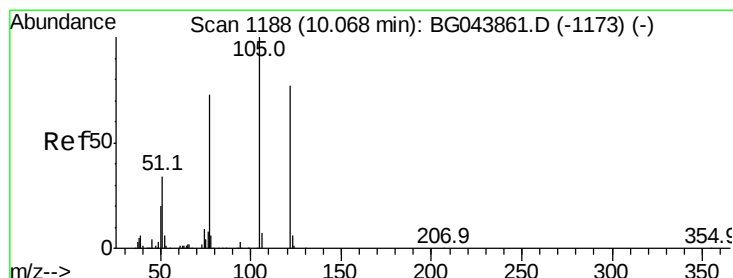
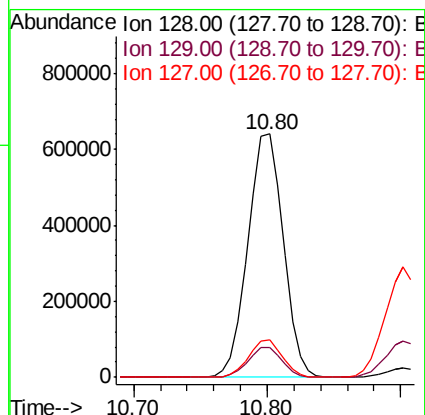
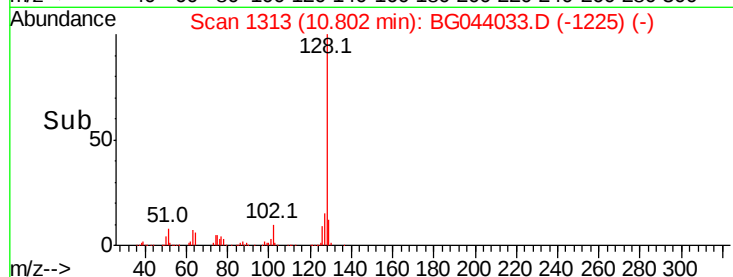
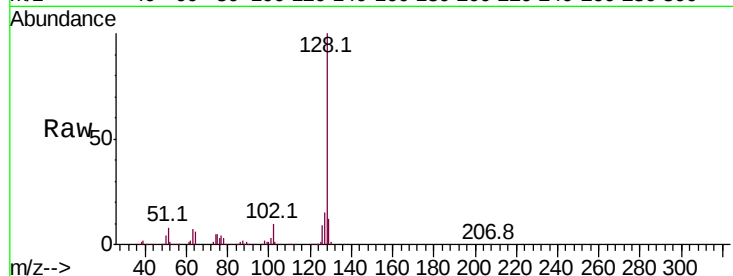




#31
Naphthalene
Concen: 40.325 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

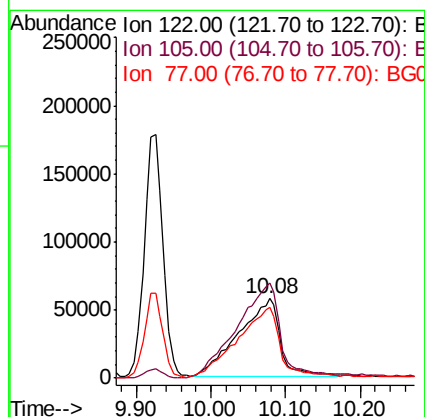
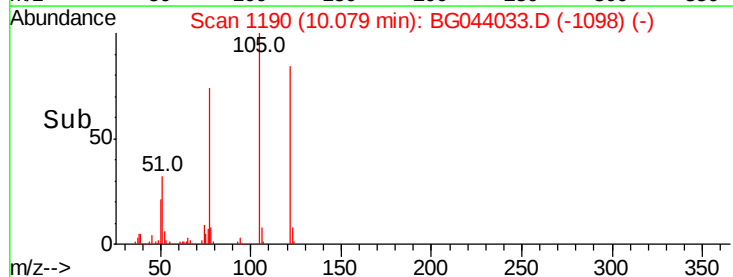
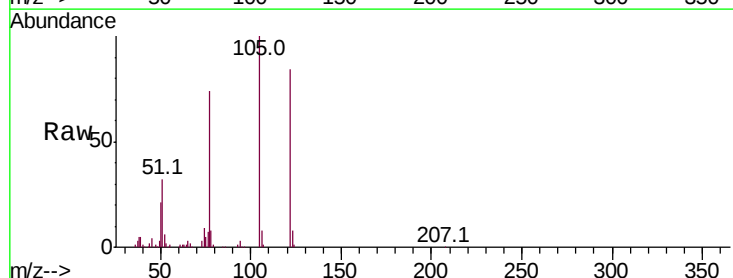
Instrument :
BNA_G
ClientSampled :

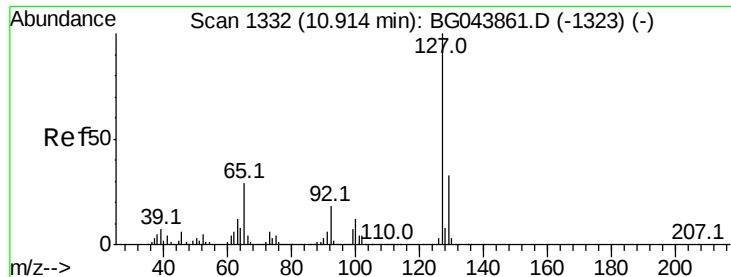
Tot Ion:128 Resp: 1172150
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 15.2 12.0 18.0



#32
Benzoic acid
Concen: 36.200 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:122 Resp: 222061
Ion Ratio Lower Upper
122 100
105 119.5 106.4 146.4
77 88.9 74.6 114.6

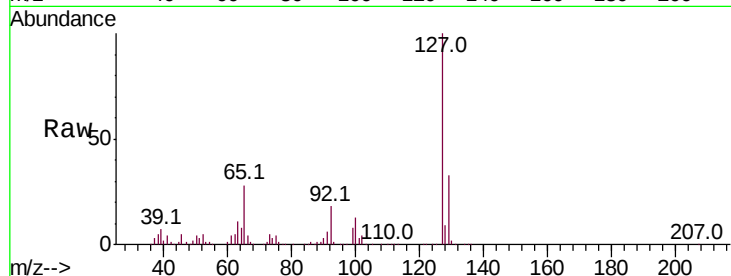




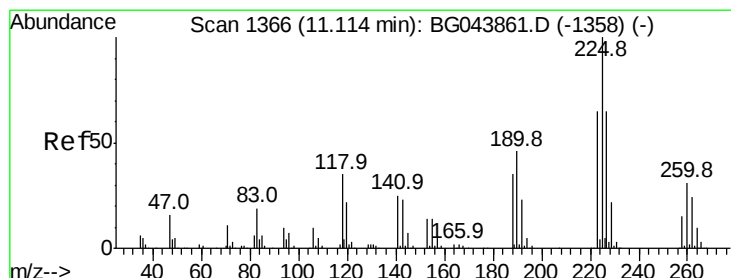
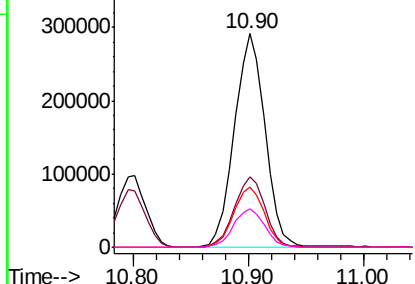
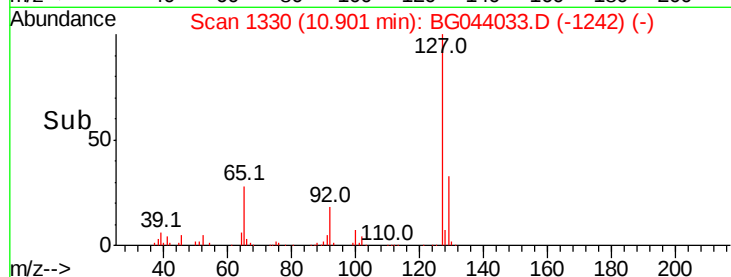
#33
4-Chloroaniline
Concen: 38.674 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	536188
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	27.9	23.3	34.9
92	18.1	14.7	22.1

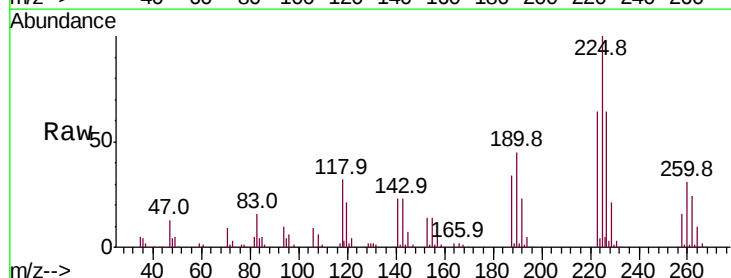


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

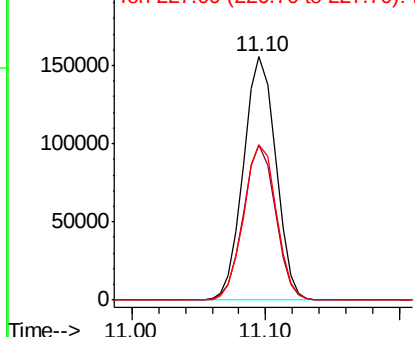
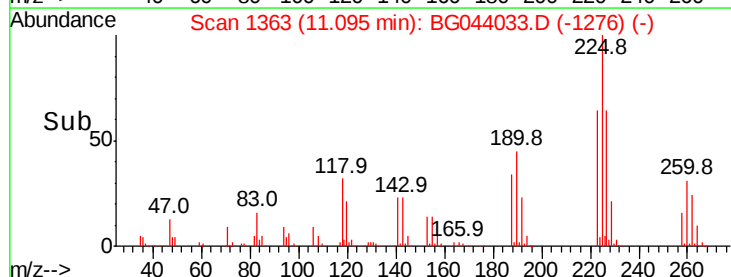


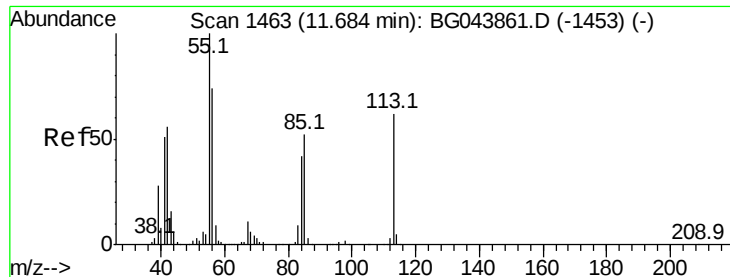
#34
Hexachlorobutadiene
Concen: 40.411 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:	225	Resp:	261355
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	63.9	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: 39.182 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

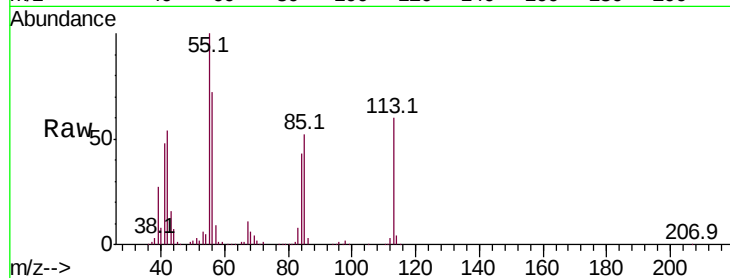
Tot Ion:113 Resp: 137800

Ion Ratio Lower Upper

113 100

55 166.6 142.5 182.5

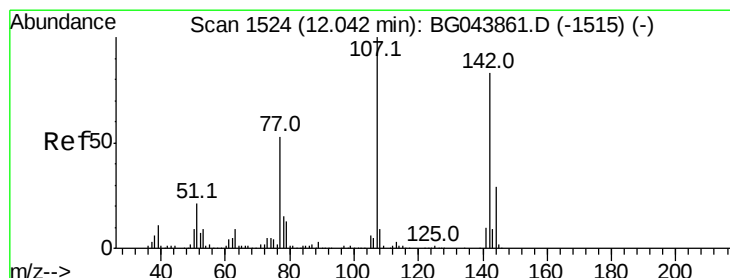
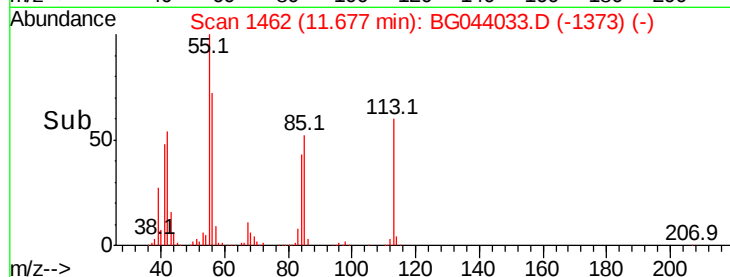
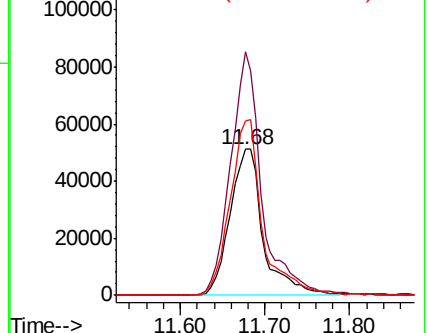
56 119.4 101.4 141.4



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: 39.222 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

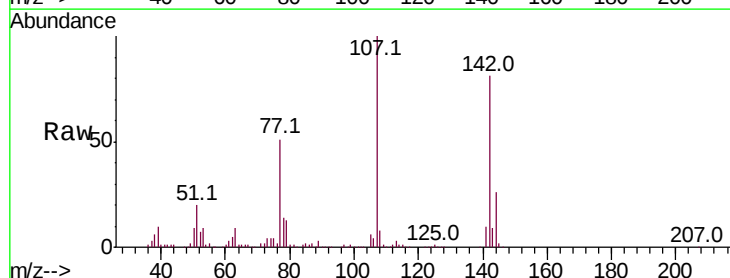
Tgt Ion:107 Resp: 394461

Ion Ratio Lower Upper

107 100

144 26.3 23.4 35.2

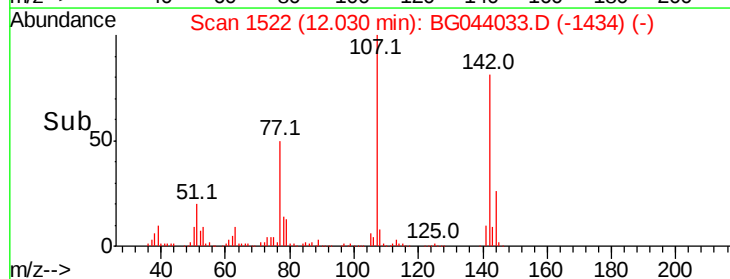
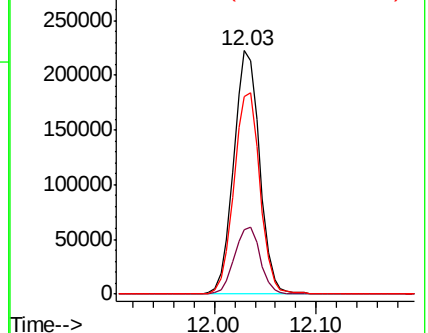
142 81.1 66.3 99.5

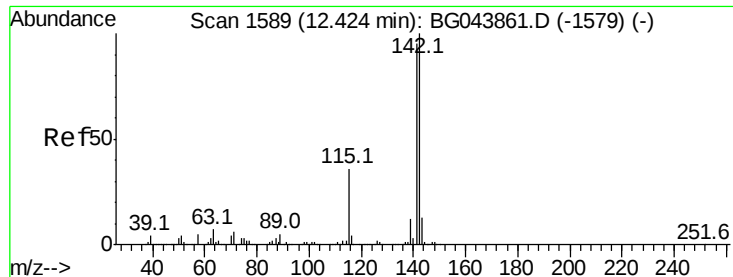


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

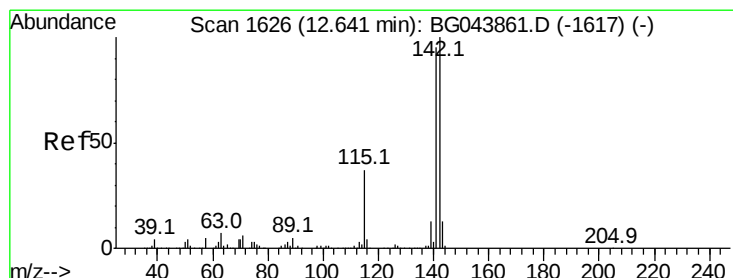
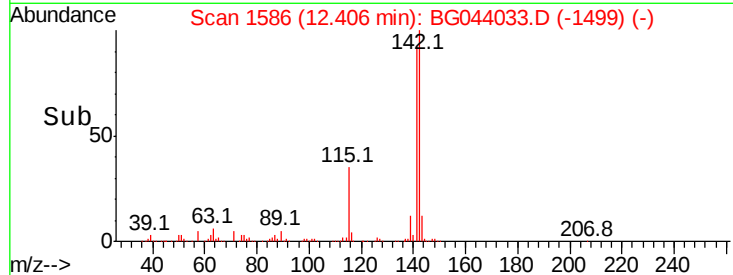
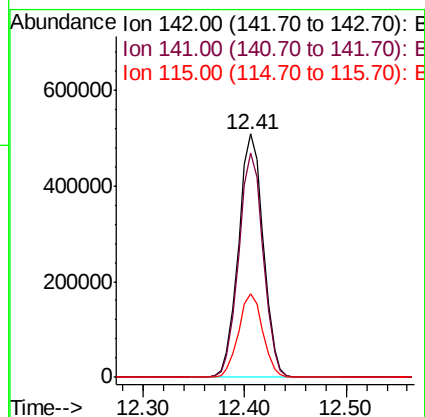
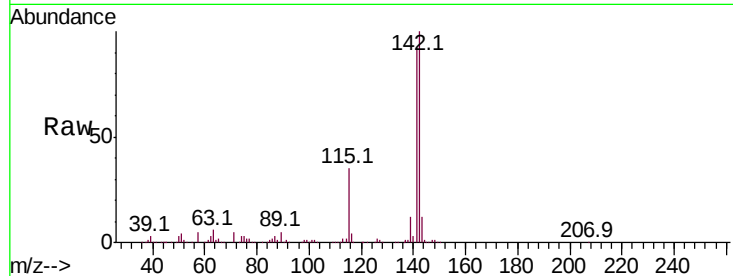




#37
 2-Methylnaphthalene
 Concen: 39.369 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

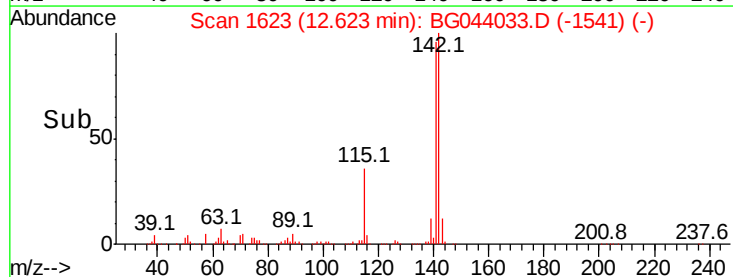
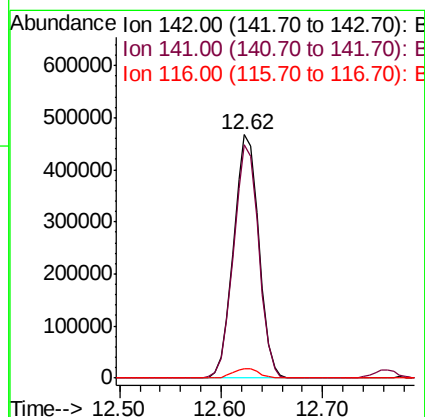
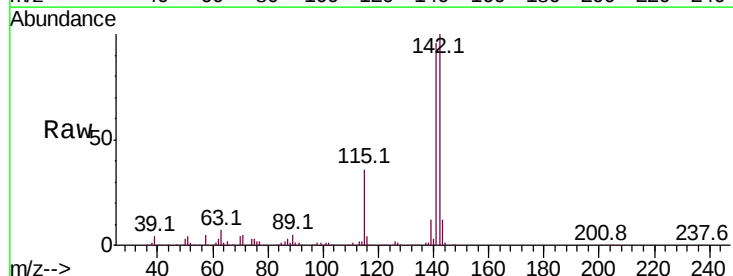
Instrument :
 BNA_G
 ClientSampleId :

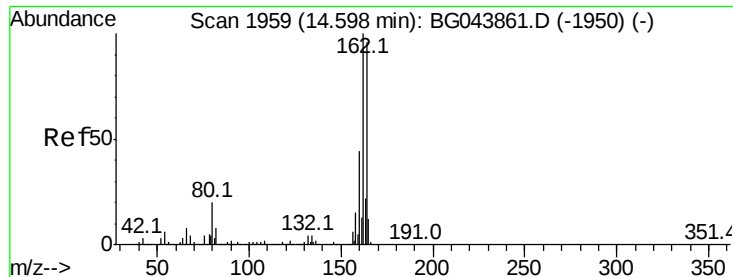
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.8
115	34.6	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 38.778 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

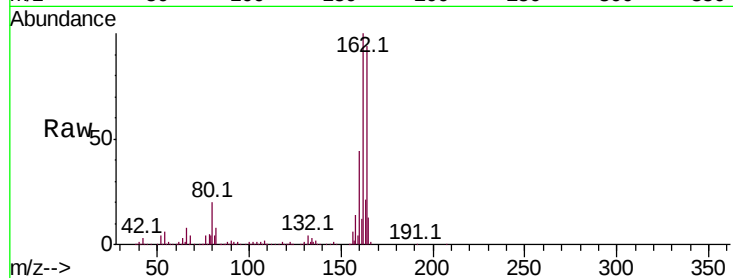
Tot Ion:164 Resp: 379715

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.4

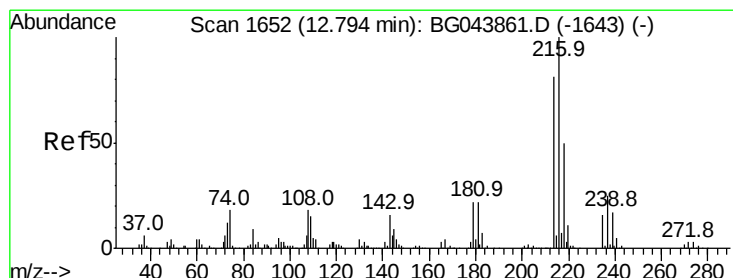
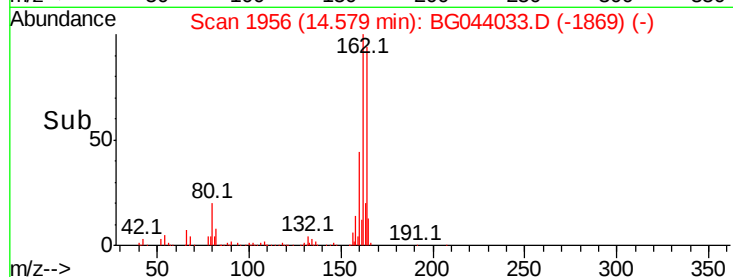
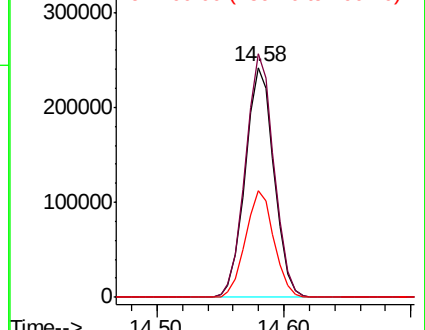
160 46.6 36.1 54.1



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: 40.162 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Tgt Ion:216 Resp: 446979

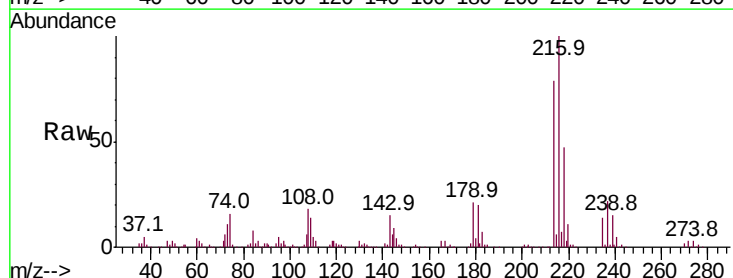
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.2 17.3 25.9

108 17.8 15.3 22.9

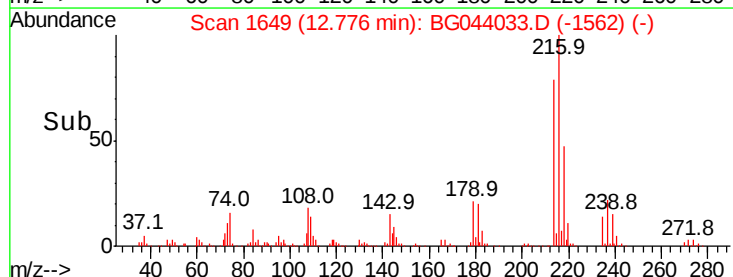
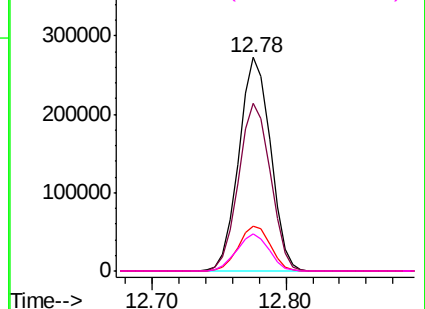


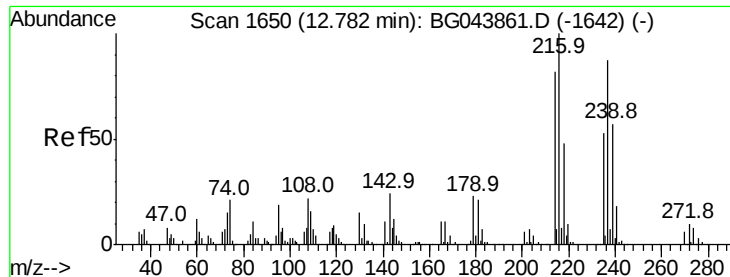
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.833 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

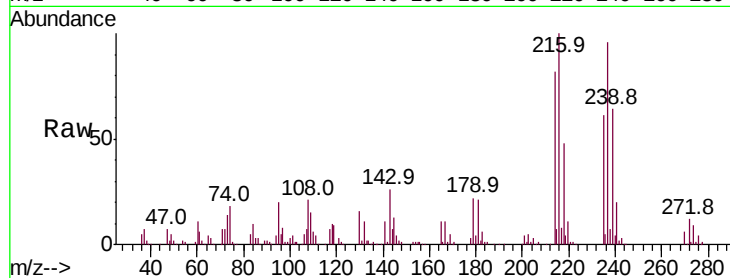
Tot Ion:237 Resp: 206754

Ion Ratio Lower Upper

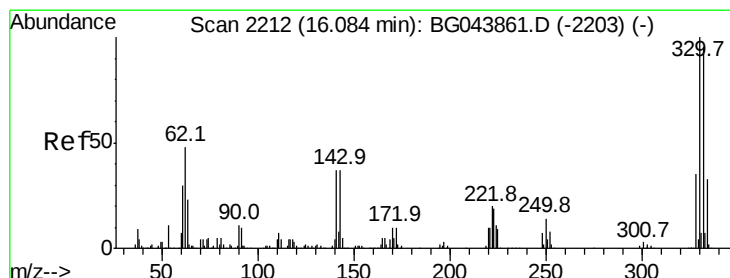
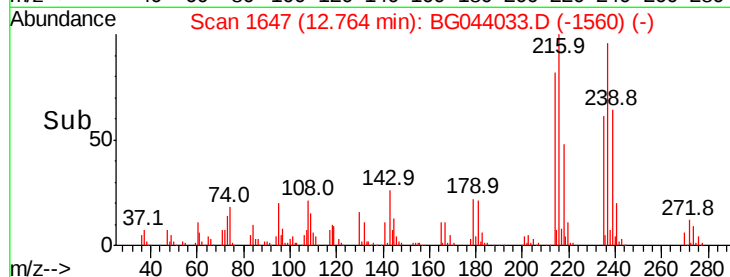
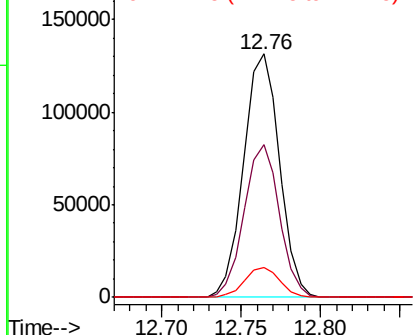
237 100

235 63.0 41.1 81.1

272 12.1 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: 89.814 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

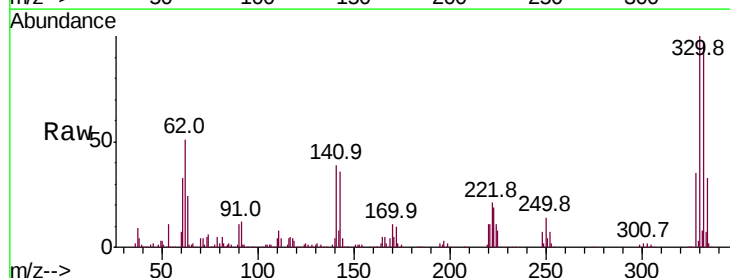
Tgt Ion:330 Resp: 356887

Ion Ratio Lower Upper

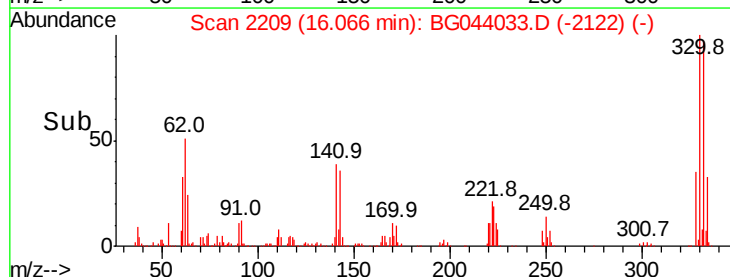
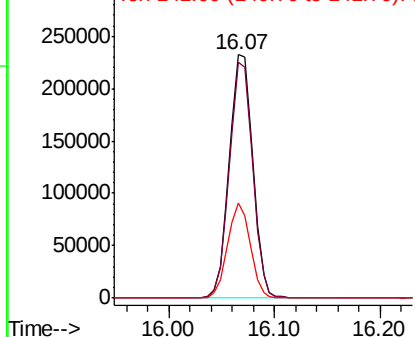
330 100

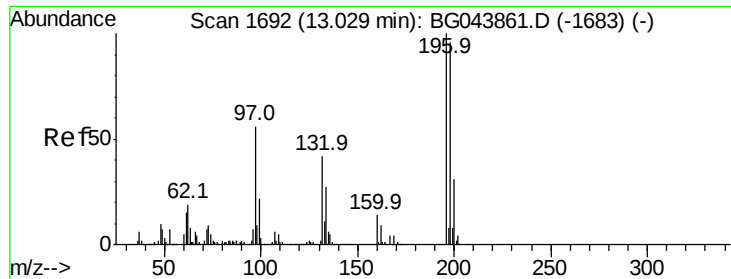
332 96.0 77.2 115.8

141 37.8 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

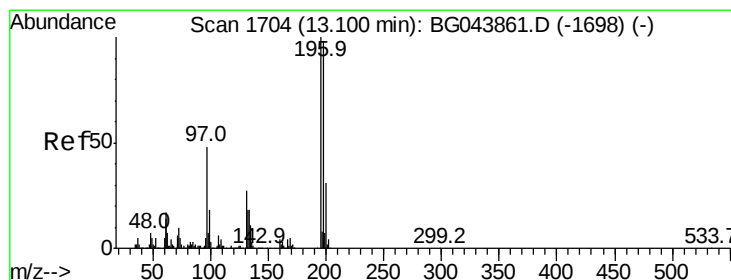
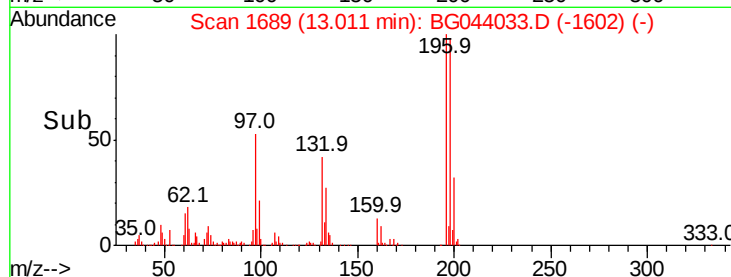
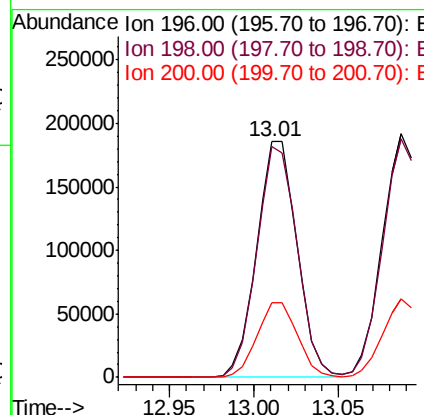
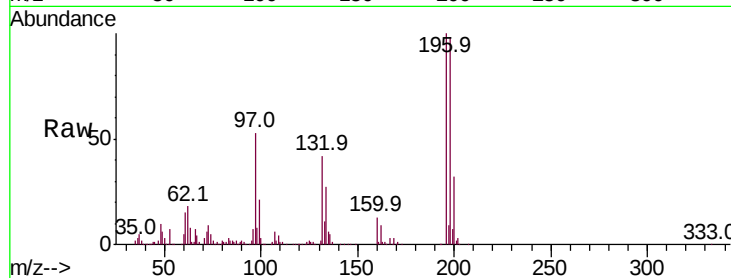




#43
 2,4,6-Trichlorophenol
 Concen: 40.527 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

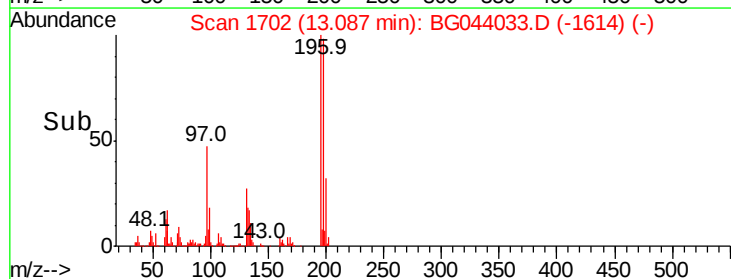
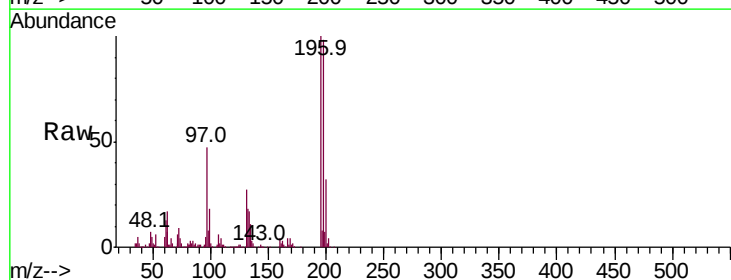
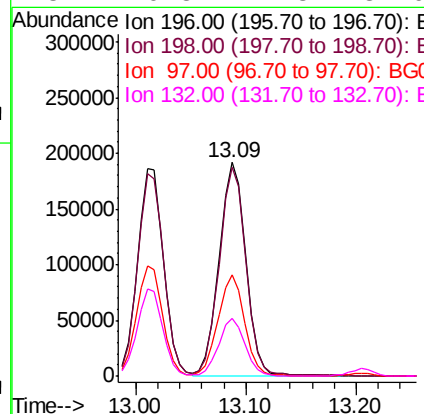
Instrument :
 BNA_G
 ClientSampled :

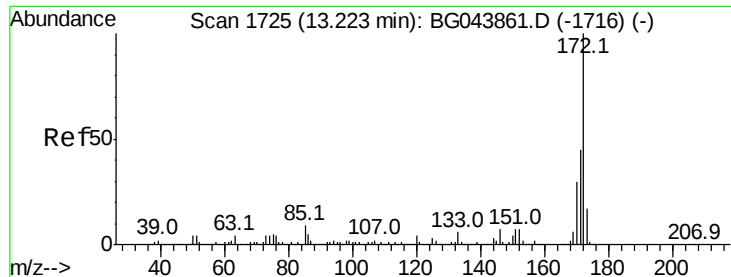
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.6	115.0
200	31.7	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.545 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.3	117.5
97	47.2	38.8	58.2
132	26.8	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 82.324 ng

RT: 13.20 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

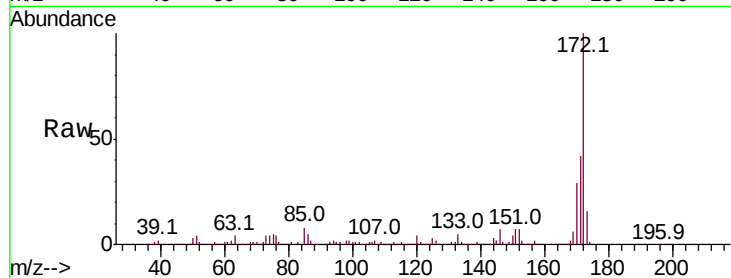
Instrument :

BNA_G

ClientSampled :

Tot Ion:172 Resp: 1725357

Ion	Ratio	Lower	Upper
172	100		
171	42.1	35.8	53.8
170	29.0	24.2	36.4

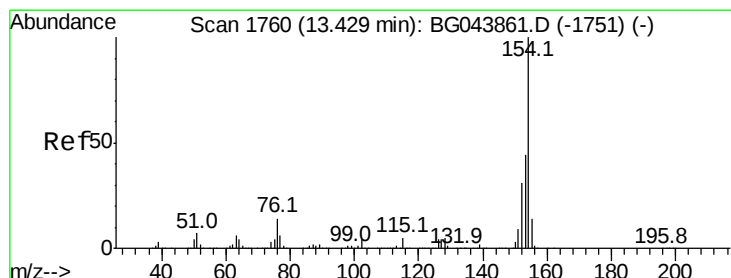
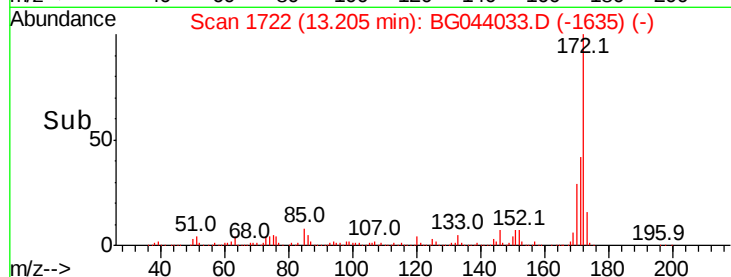
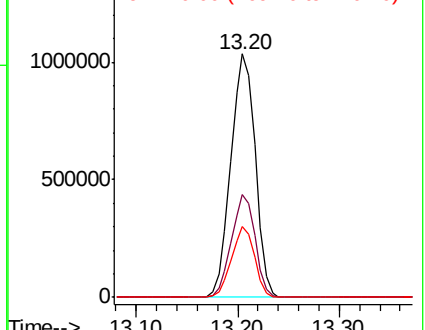


Abundance

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: 39.878 ng

RT: 13.42 min Scan# 1758

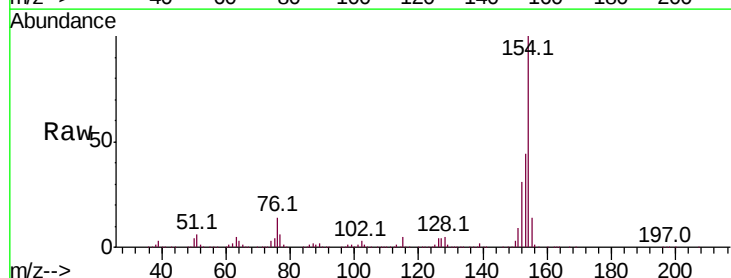
Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Tgt Ion:154 Resp: 1085671

Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.6	63.6
76	13.7	0.0	34.4

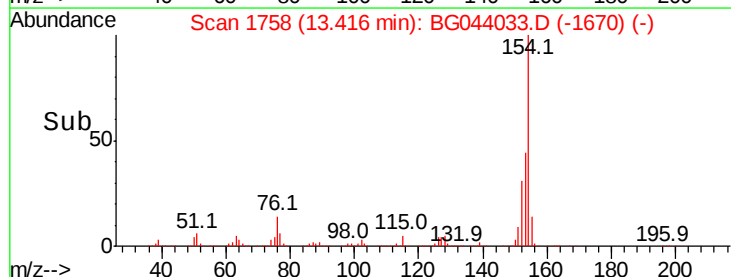
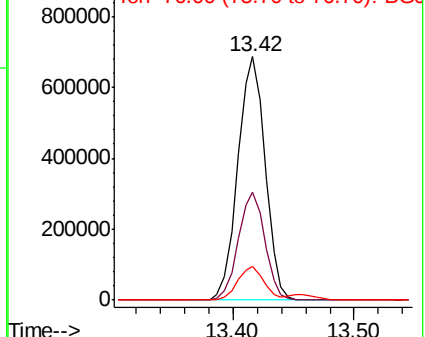


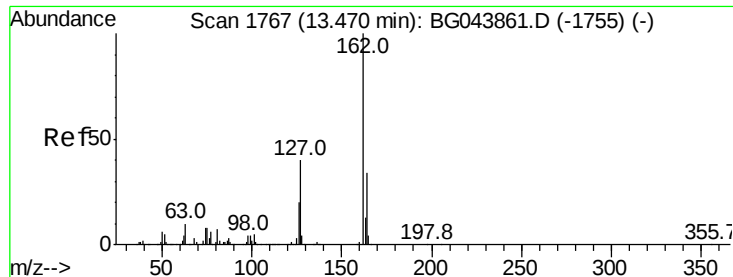
Abundance

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

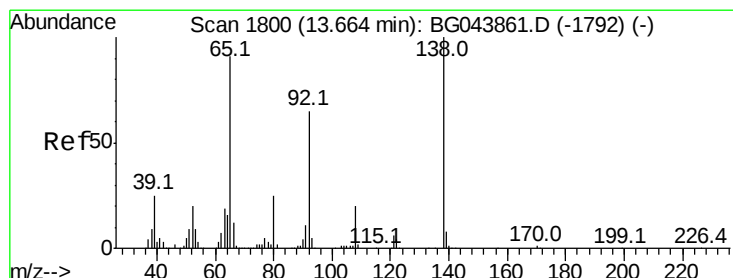
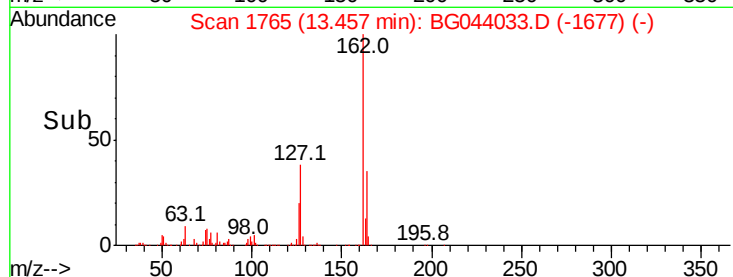
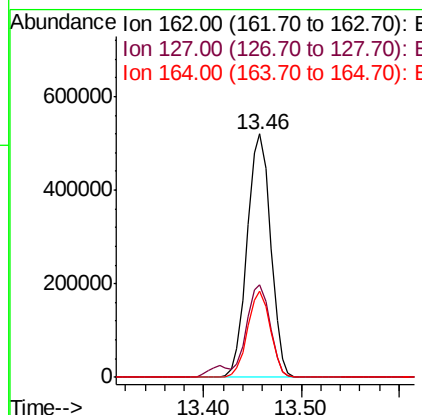
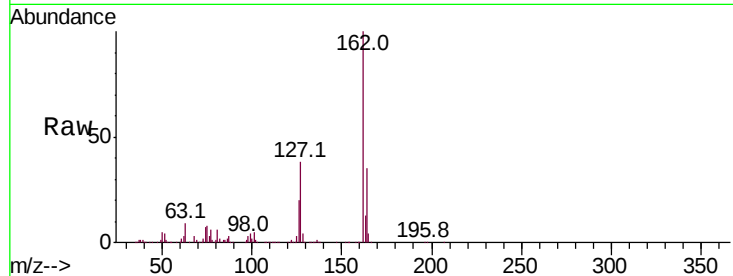




#47
 2-Chloronaphthalene
 Concen: 39.626 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

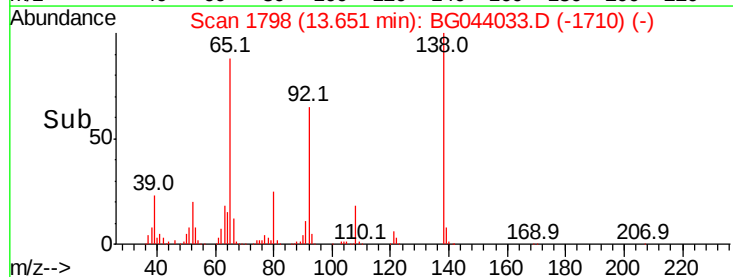
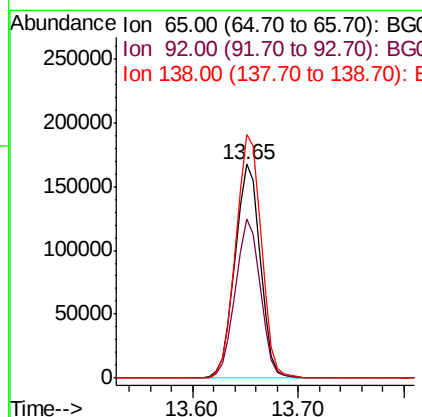
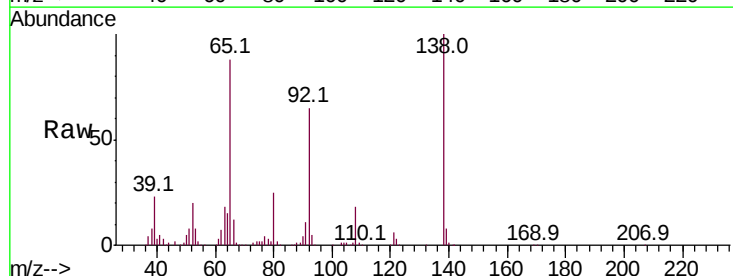
Instrument :
 BNA_G
 ClientSampleId :

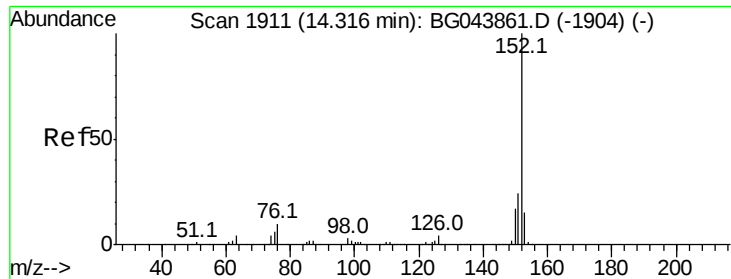
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	35.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.990 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	57.4	86.2
138	113.7	88.2	132.4





#49

Acenaphthylene

Concen: 40.336 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

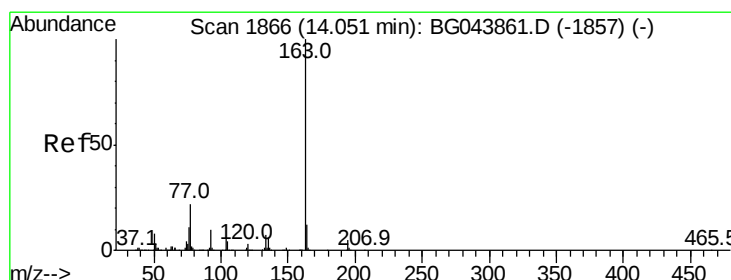
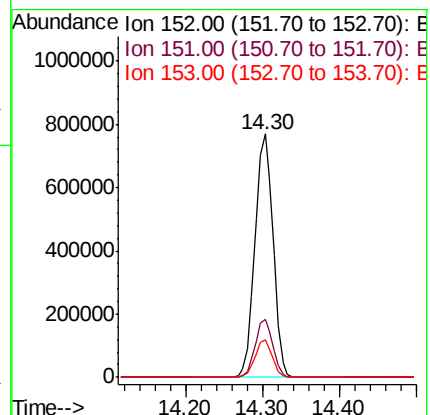
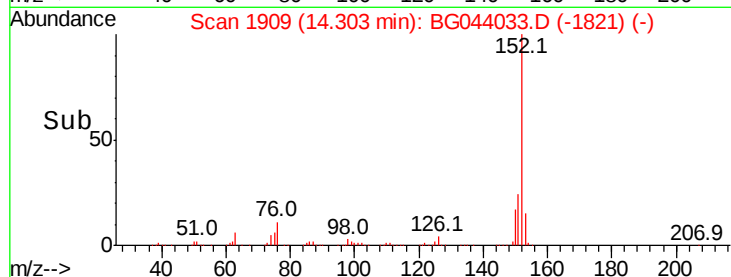
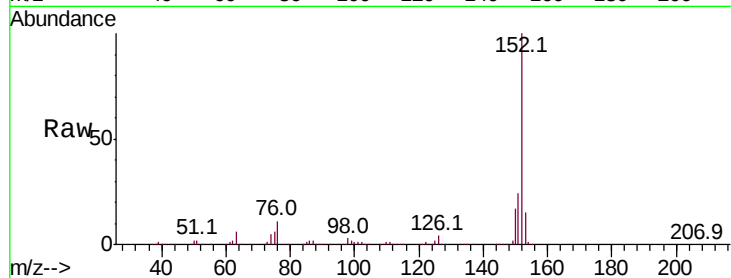
Tot Ion:152 Resp: 1275426

Ion Ratio Lower Upper

152 100

151 23.7 19.4 29.2

153 15.4 12.0 18.0



#50

Dimethylphthalate

Concen: 39.573 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

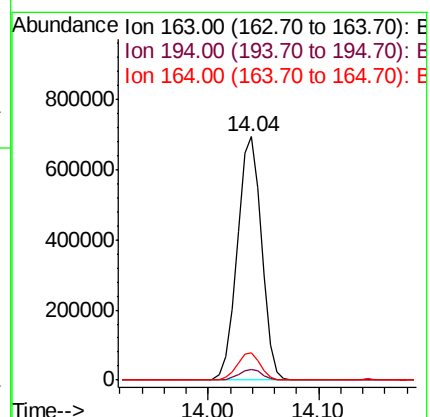
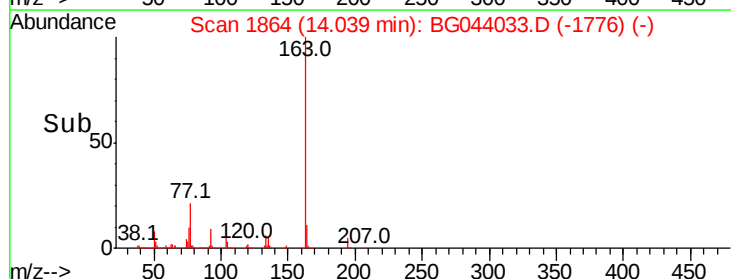
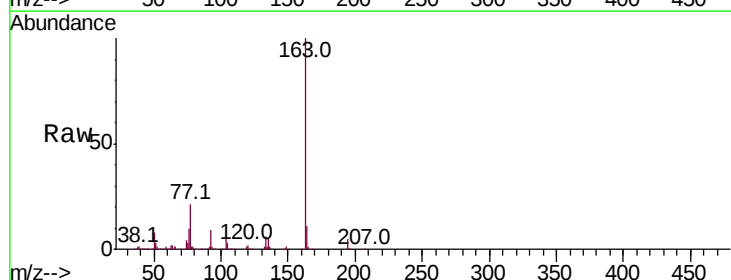
Tgt Ion:163 Resp: 1066933

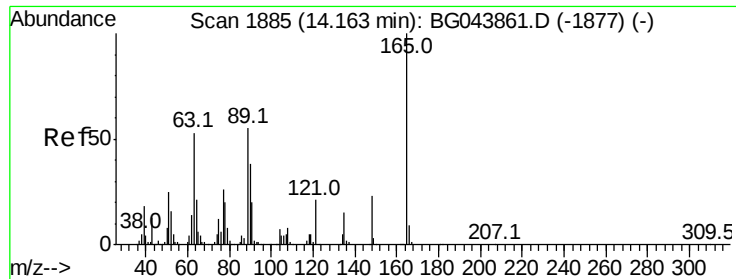
Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

164 11.4 9.3 13.9

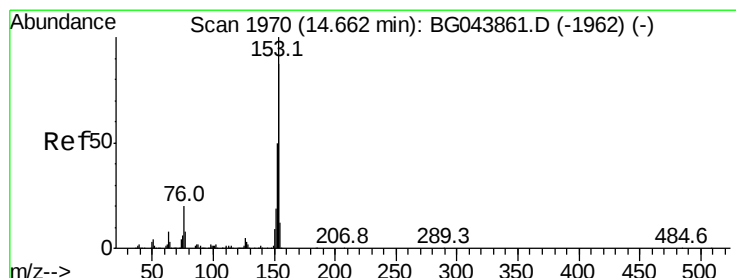
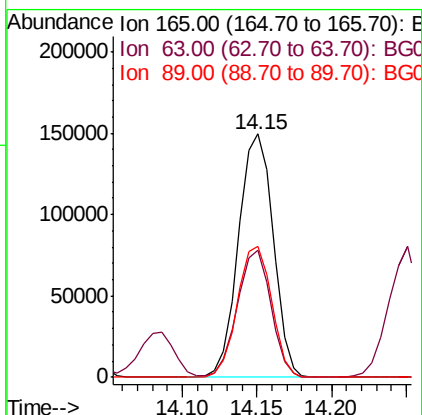
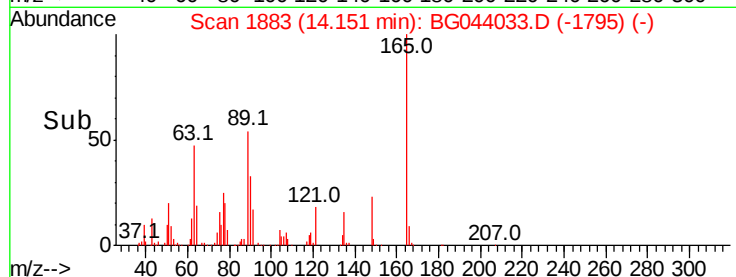
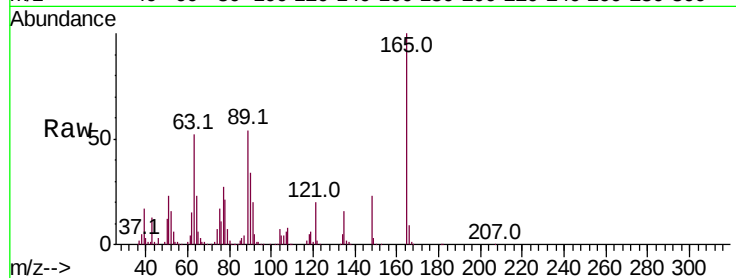




#51
2,6-Dinitrotoluene
Concen: 39.652 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

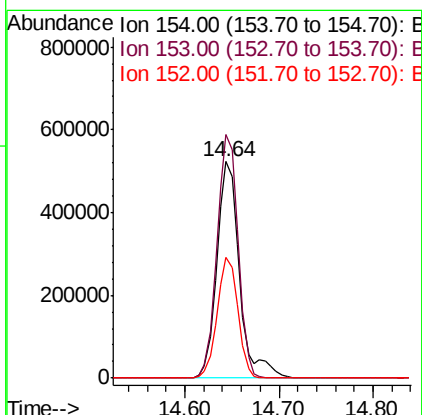
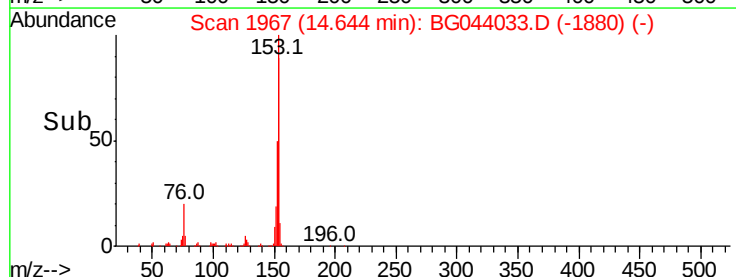
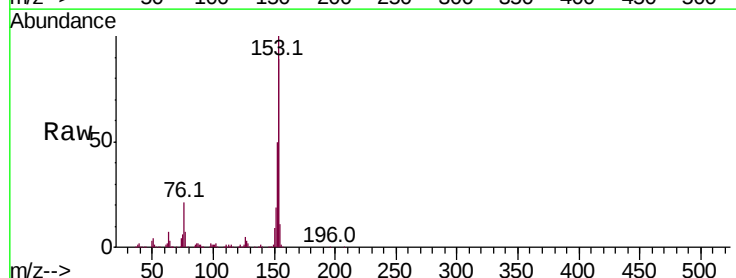
Instrument :
BNA_G
ClientSampleId :

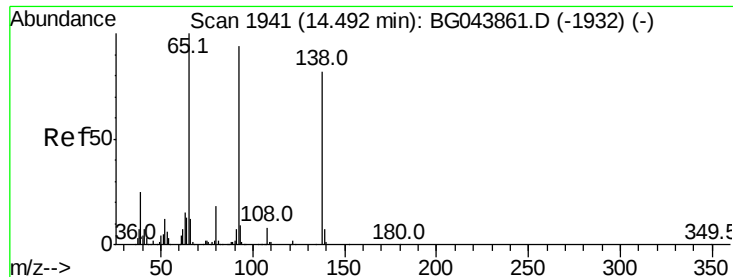
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	43.1	64.7
89	54.0	43.8	65.6



#52
Acenaphthene
Concen: 39.800 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.6	137.4
152	55.8	45.4	68.0

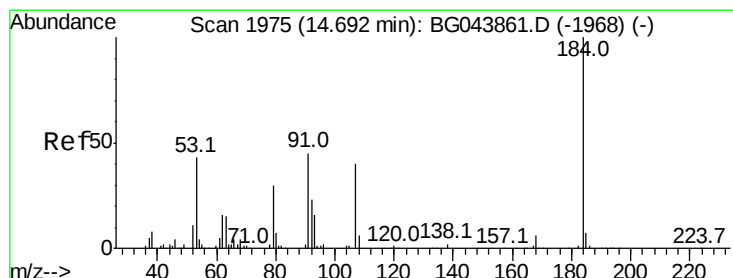
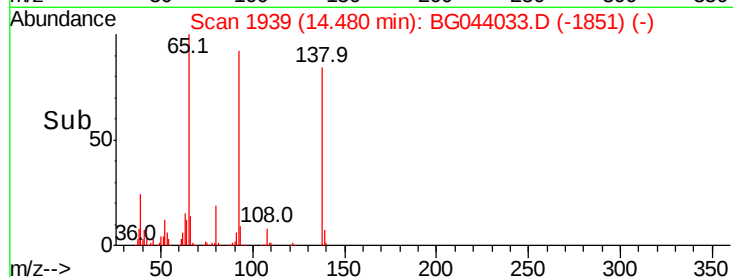
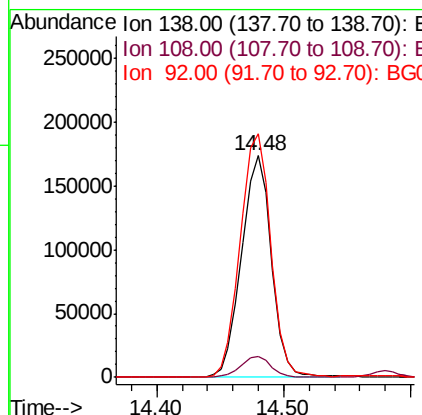
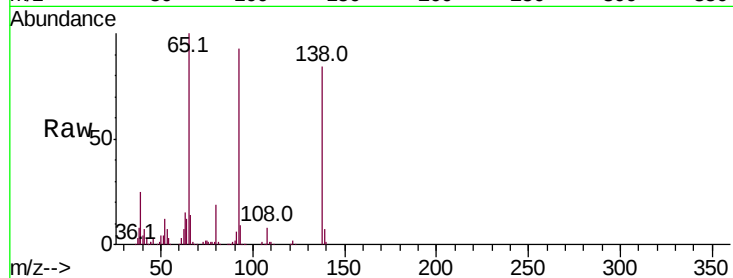




#53
3-Nitroaniline
Concen: 41.239 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

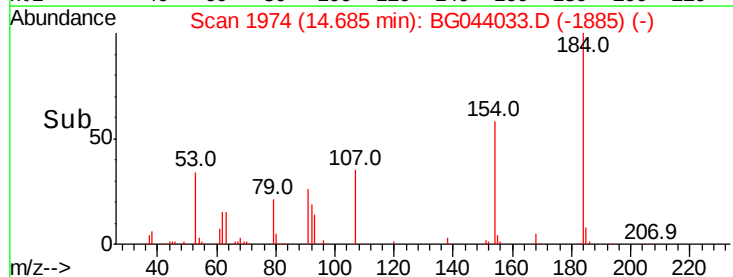
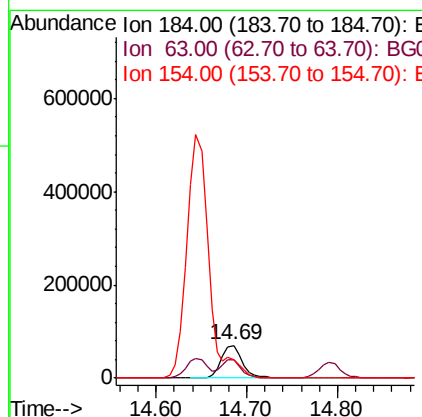
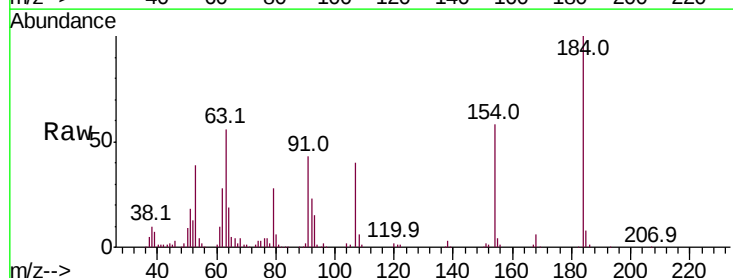
Instrument :
BNA_G
ClientSampled :

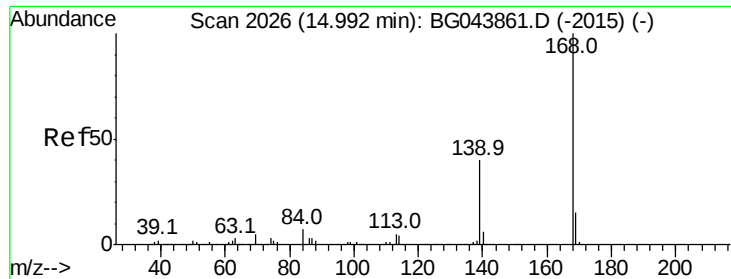
Tot Ion:138 Resp: 285378
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 109.9 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 40.068 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:184 Resp: 115270
Ion Ratio Lower Upper
184 100
63 55.6 46.6 70.0
154 58.1 50.2 75.4

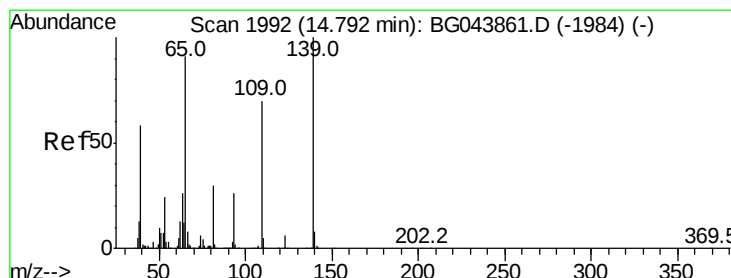
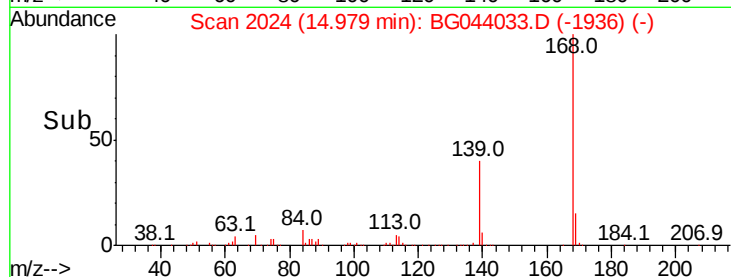
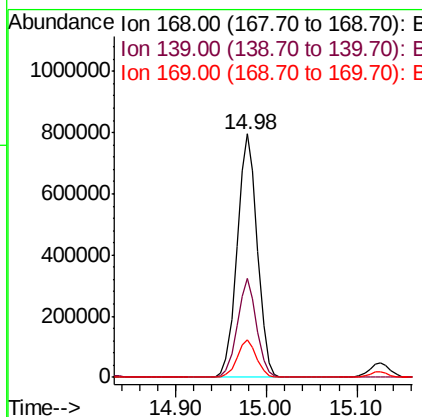
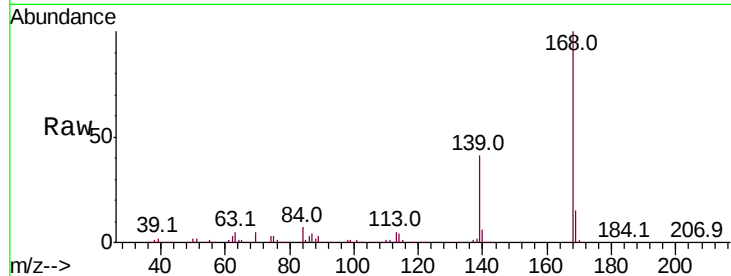




#55
Dibenzofuran
Concen: 40.285 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

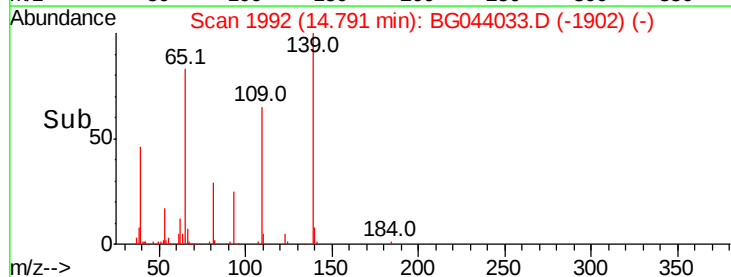
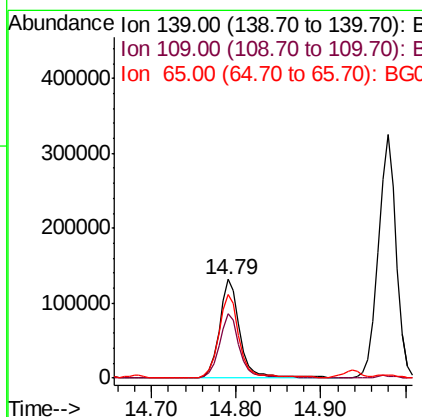
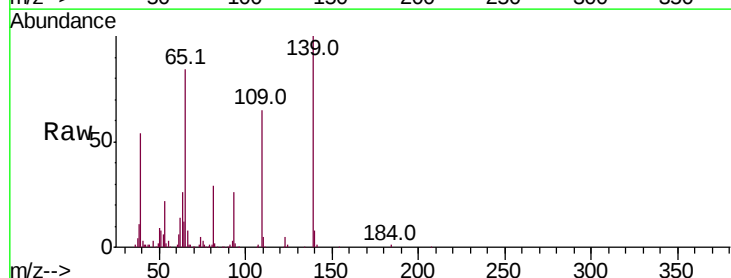
Instrument :
BNA_G
ClientSampleId :

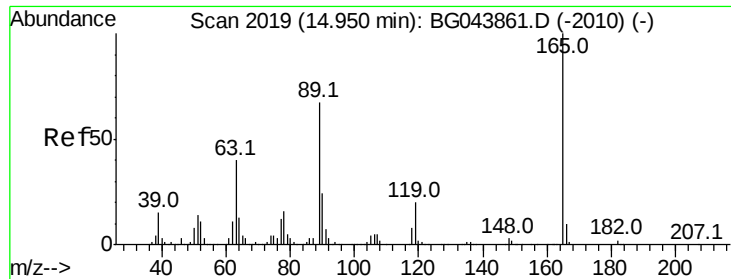
Tot Ion:168 Resp: 1229734
Ion Ratio Lower Upper
168 100
139 40.8 32.2 48.2
169 15.2 12.2 18.2



#56
4-Nitrophenol
Concen: 42.045 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:139 Resp: 222959
Ion Ratio Lower Upper
139 100
109 64.8 50.4 90.4
65 84.4 71.4 111.4

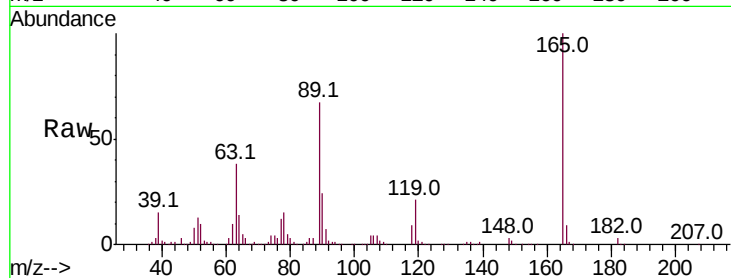




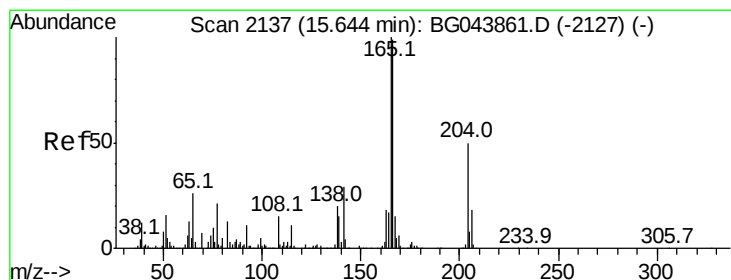
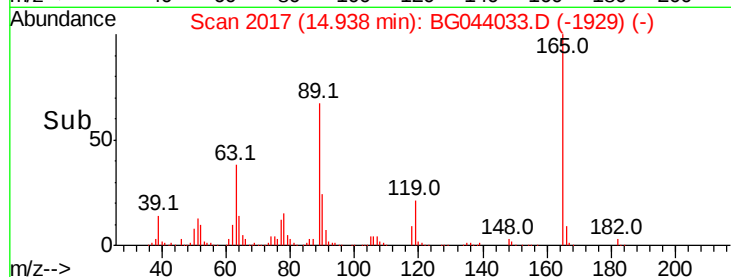
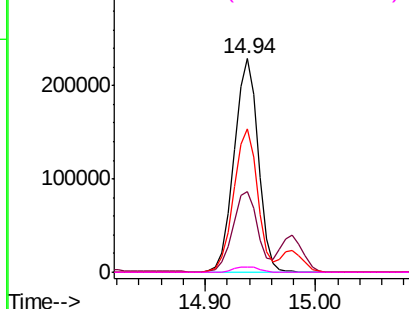
#57
2,4-Dinitrotoluene
Concen: 42.304 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 350780
Ion Ratio Lower Upper
165 100
63 37.7 31.9 47.9
89 67.1 53.8 80.6
182 2.6 2.0 3.0

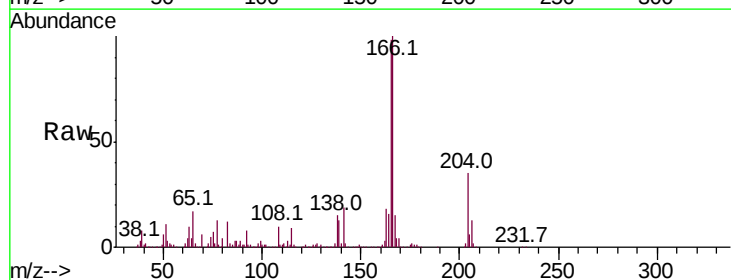


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

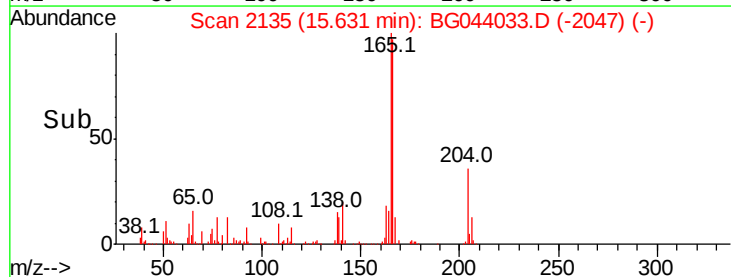
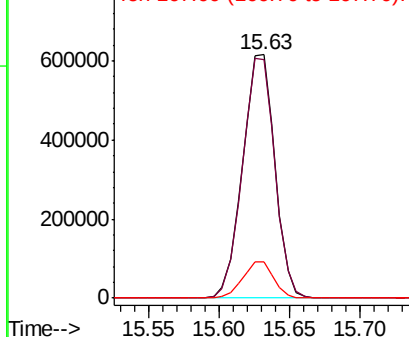


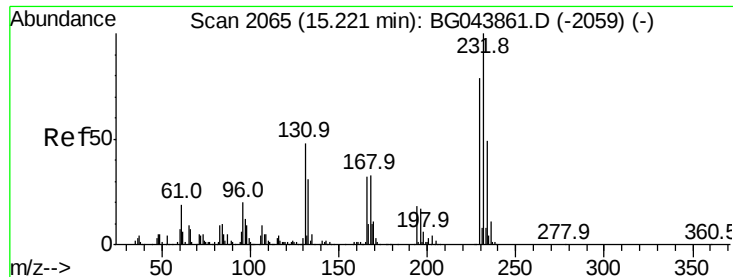
#58
Fluorene
Concen: 40.590 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:166 Resp: 982066
Ion Ratio Lower Upper
166 100
165 97.9 80.8 121.2
167 14.8 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

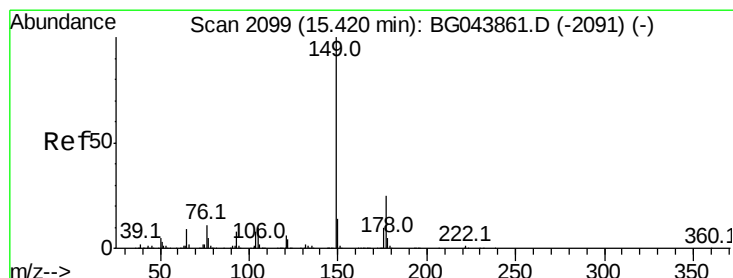
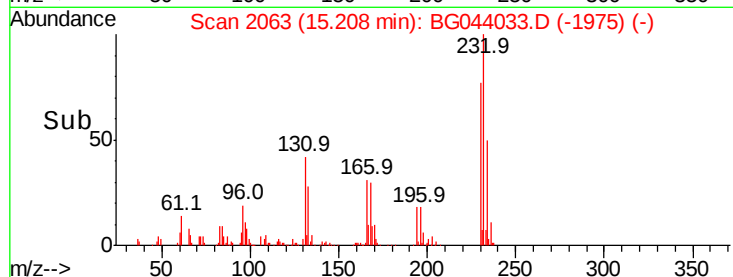
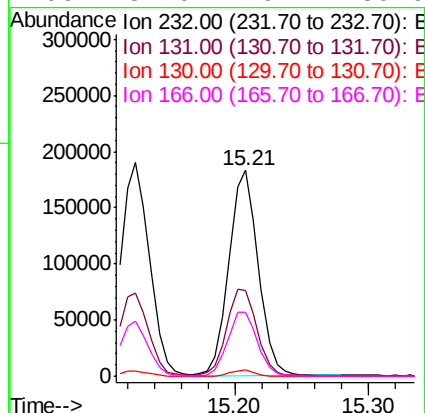
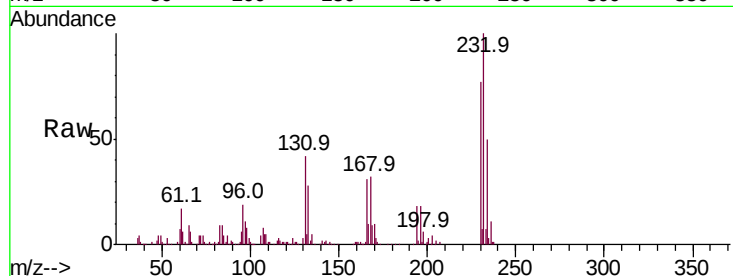




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.365 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

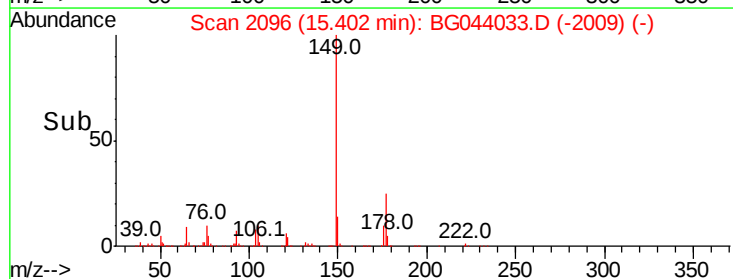
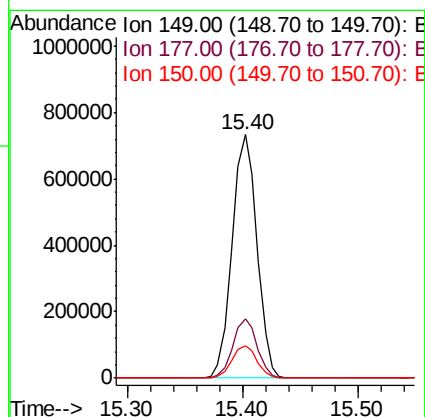
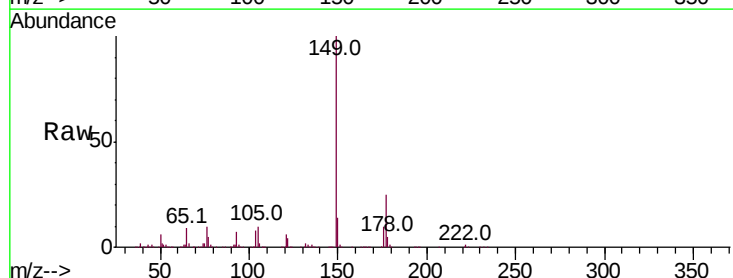
Instrument :
 BNA_G
 ClientSampleId :

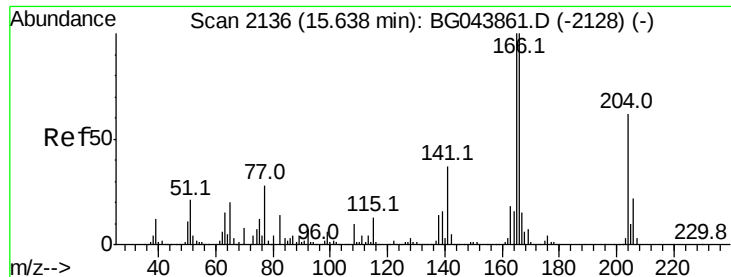
Tot Ion:	232	Resp:	280939
Ion	Ratio	Lower	Upper
232	100		
131	44.0	38.2	57.2
130	2.6	2.2	3.2
166	32.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 40.367 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044033.D
 Acq: 14 Jan 2020 11:49

Tgt Ion:	149	Resp:	1088556
Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.0	30.0
150	13.6	11.1	16.7

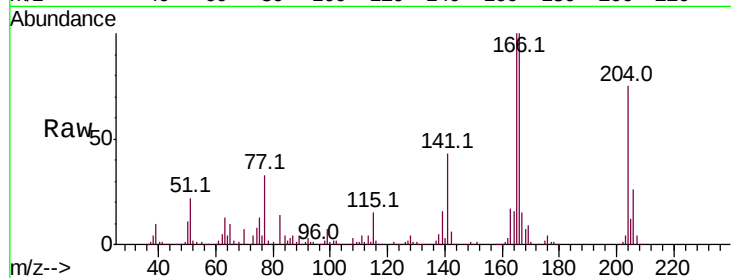




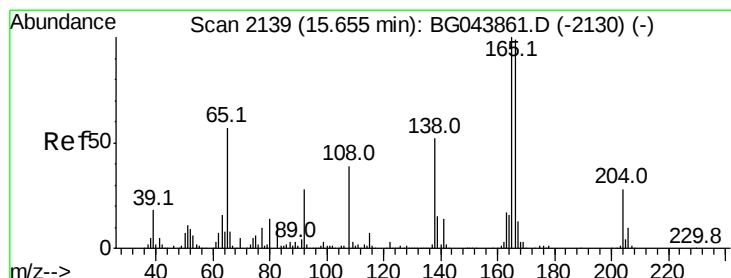
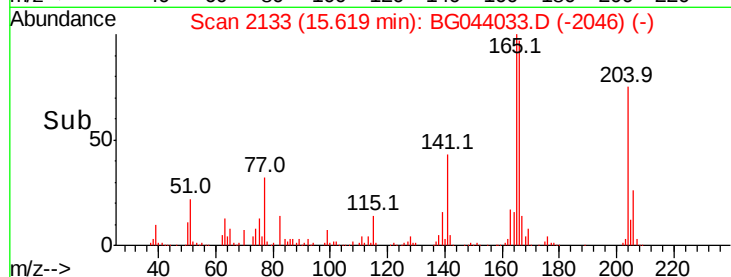
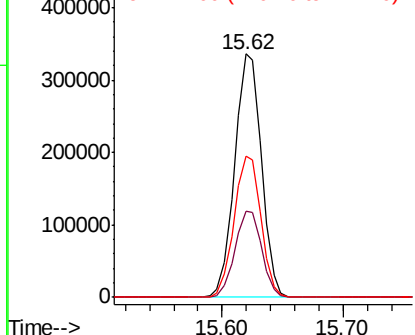
#61
4-Chlorophenyl-phenylether
Concen: 39.449 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 518268
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.2
141 57.9 48.2 72.2

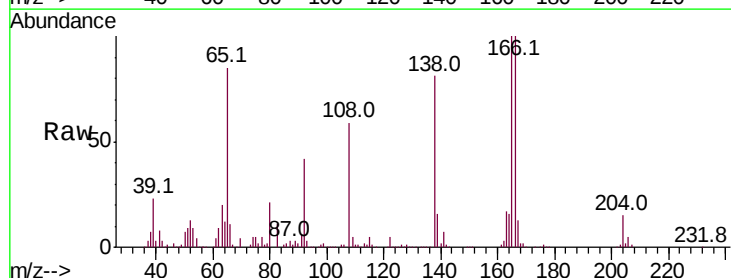


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

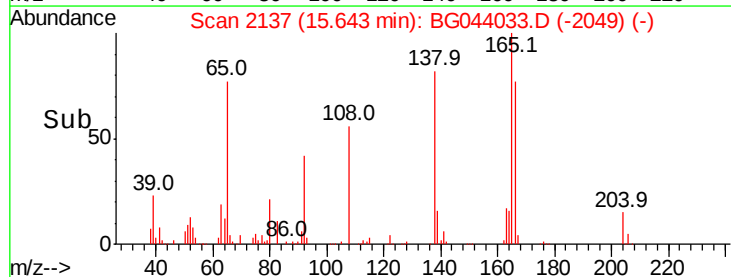
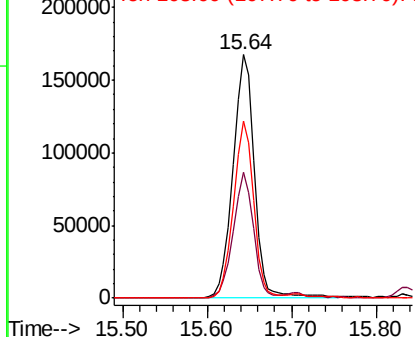


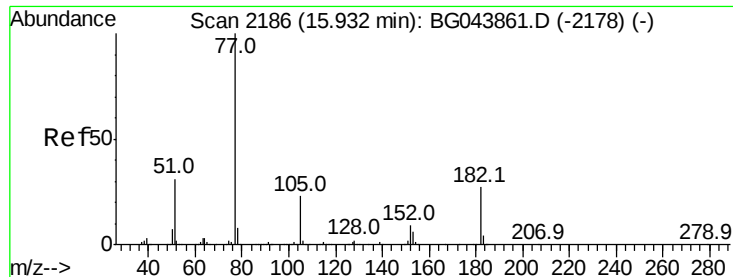
#62
4-Nitroaniline
Concen: 42.500 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:138 Resp: 290435
Ion Ratio Lower Upper
138 100
92 51.9 34.3 74.3
108 72.7 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: 38.580 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 964824

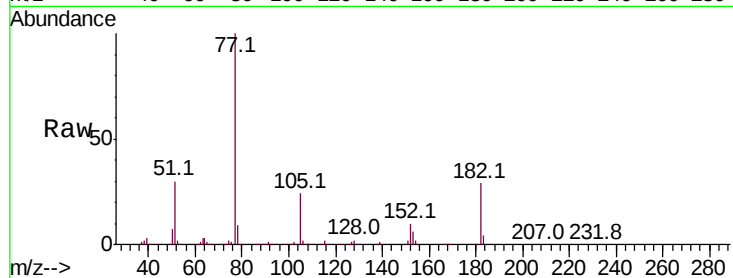
Ion Ratio Lower Upper

77 100

182 28.8 7.3 47.3

105 23.9 3.2 43.2

51 30.1 10.6 50.6

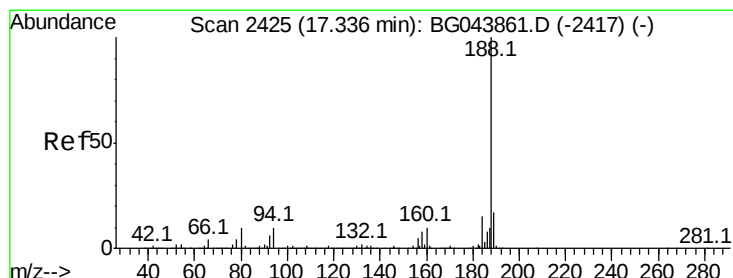
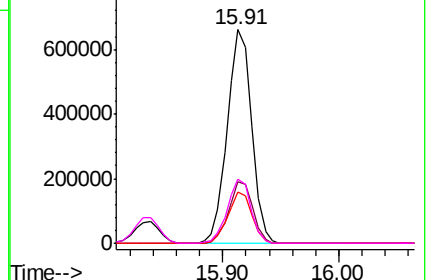
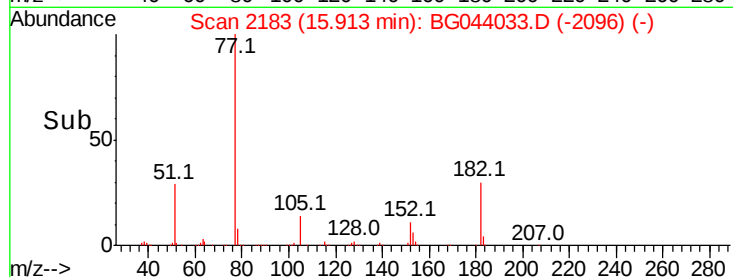


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044033.D

Acq: 14 Jan 2020 11:49

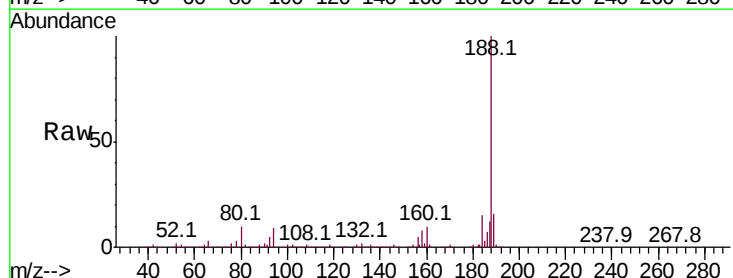
Tgt Ion: 188 Resp: 818383

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

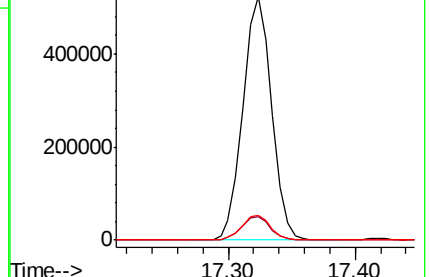
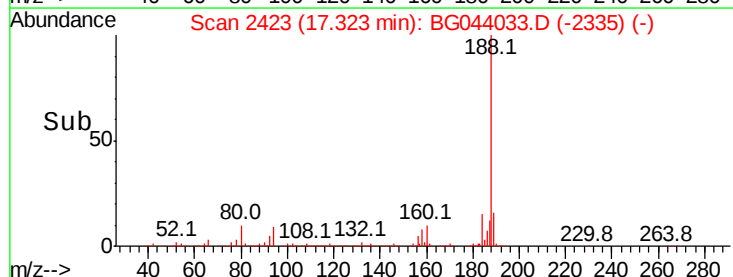
80 10.2 8.2 12.4

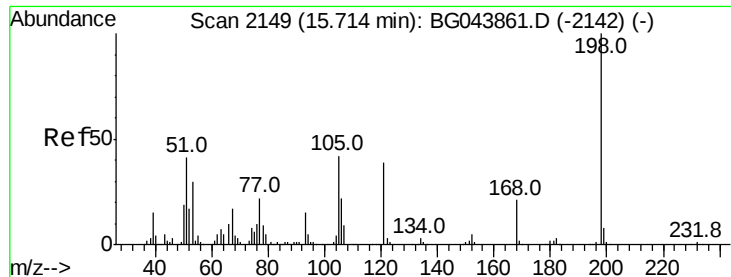


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.386 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

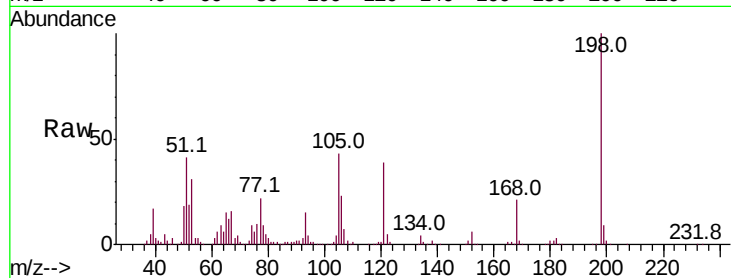
Tot Ion:198 Resp: 171696

Ion Ratio Lower Upper

198 100

51 40.7 22.5 62.5

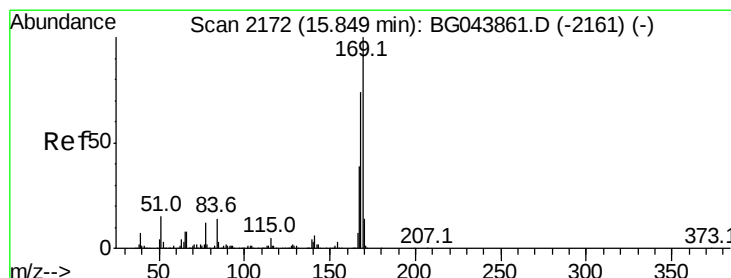
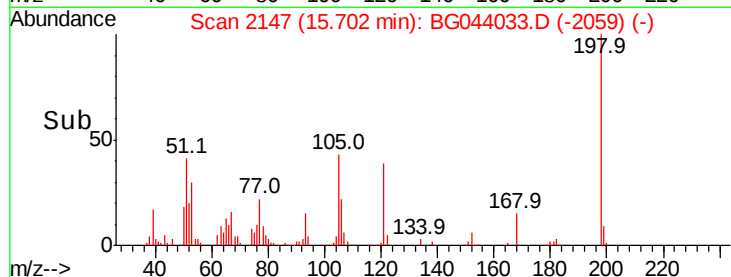
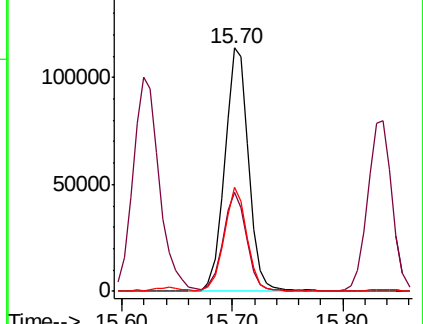
105 42.8 22.3 62.3



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: 38.060 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

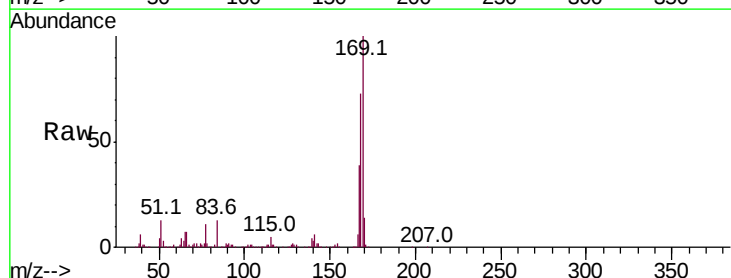
Tgt Ion:169 Resp: 917255

Ion Ratio Lower Upper

169 100

168 72.7 59.0 88.6

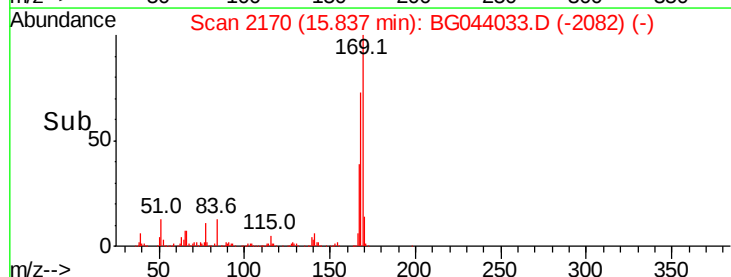
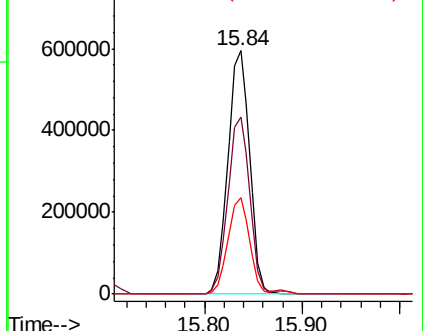
167 39.4 31.4 47.0

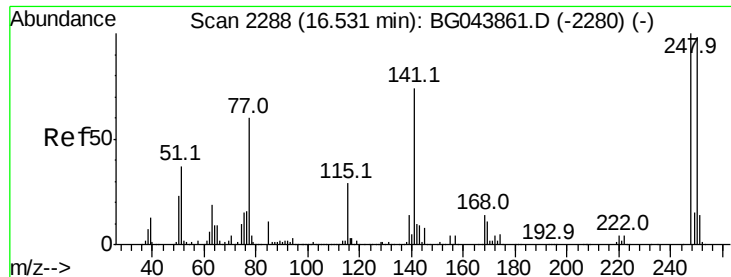


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.105 ng

RT: 16.51 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

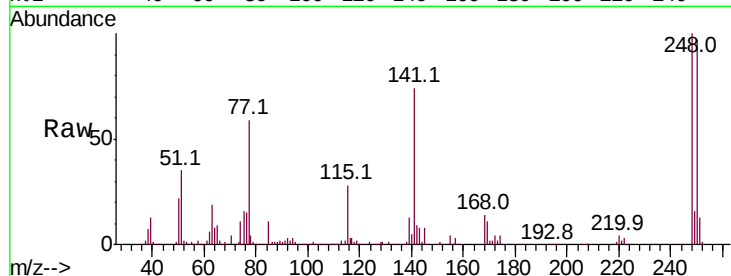
Tot Ion:248 Resp: 350733

Ion Ratio Lower Upper

248 100

250 97.1 78.2 117.2

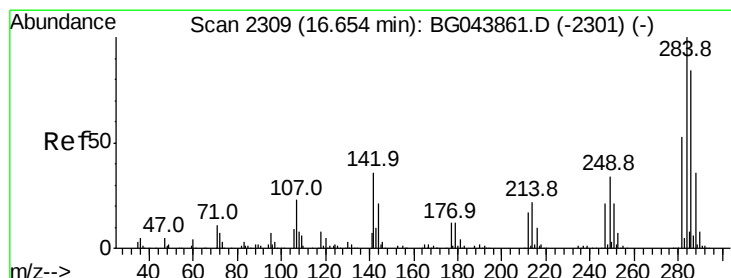
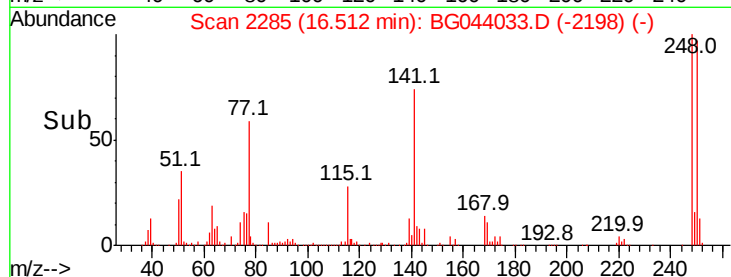
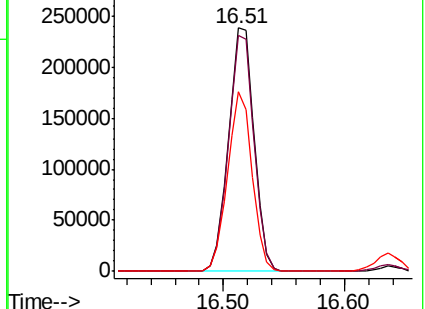
141 73.8 59.3 88.9



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: 38.881 ng

RT: 16.64 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

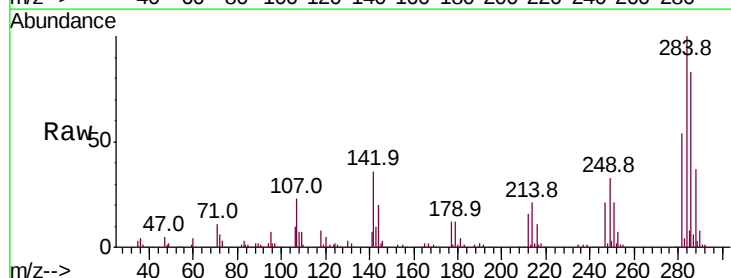
Tgt Ion:284 Resp: 385618

Ion Ratio Lower Upper

284 100

142 36.1 28.6 43.0

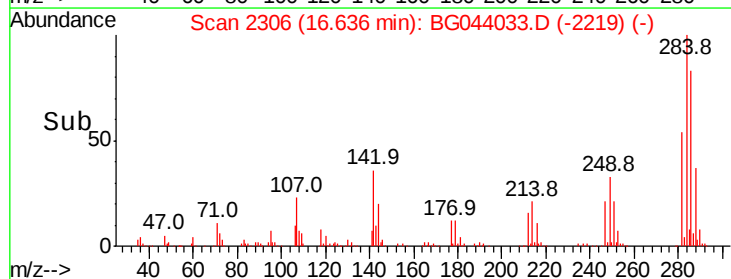
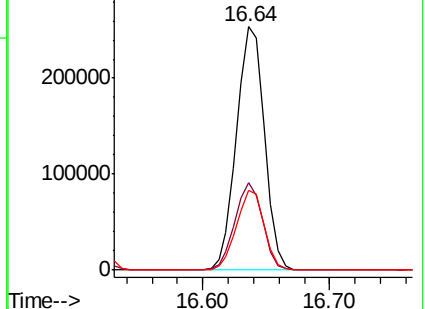
249 32.9 27.0 40.6

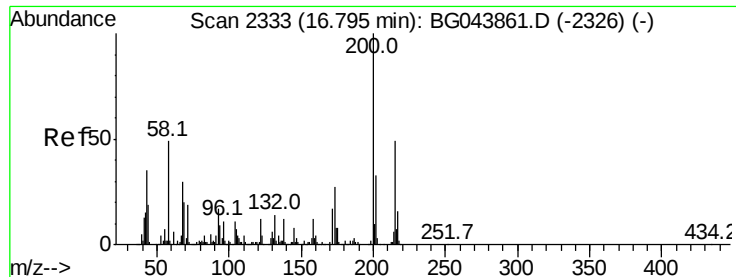


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.704 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

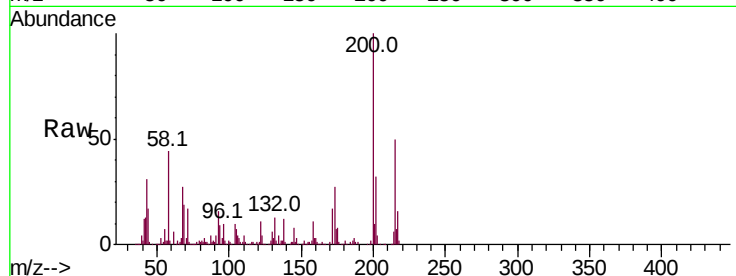
Tot Ion:200 Resp: 287531

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

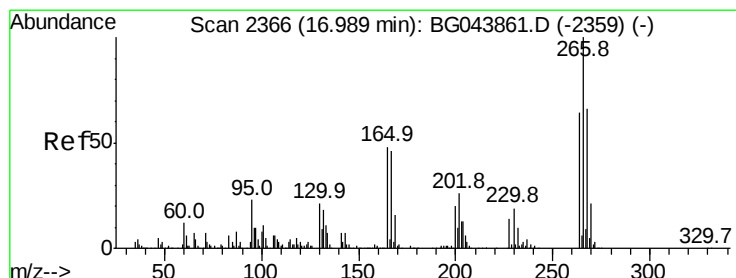
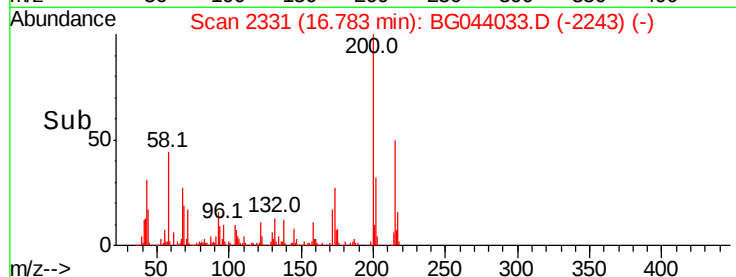
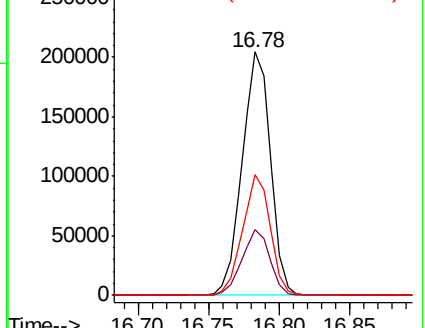
215 49.7 28.6 68.6



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: 39.282 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

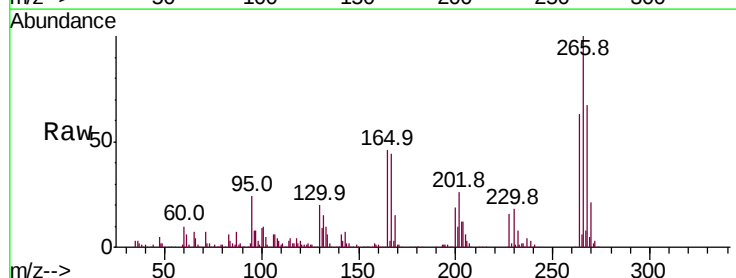
Tgt Ion:266 Resp: 214767

Ion Ratio Lower Upper

266 100

268 66.8 52.6 79.0

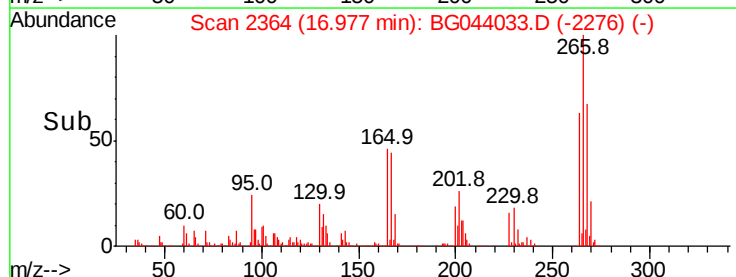
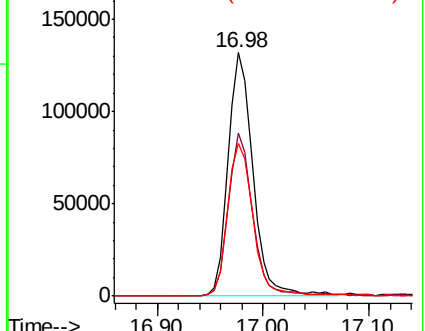
264 62.9 50.8 76.2

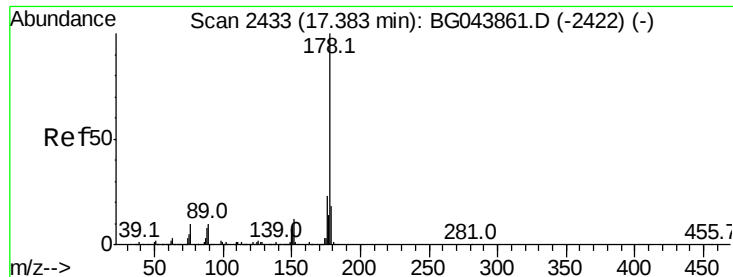


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

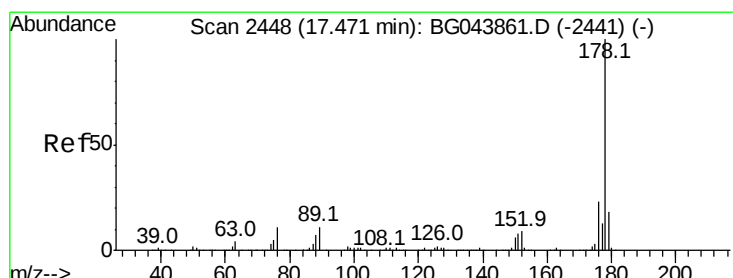
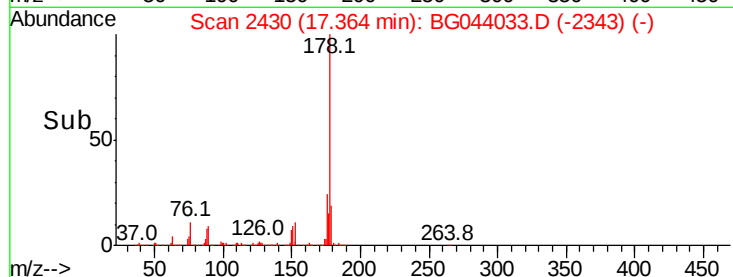
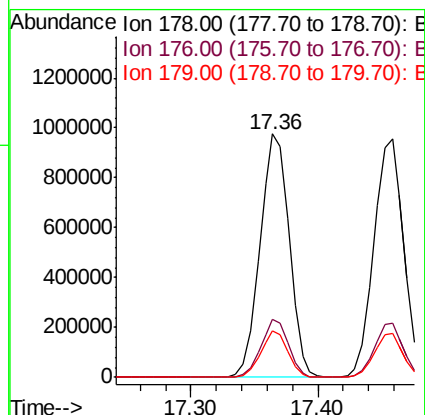
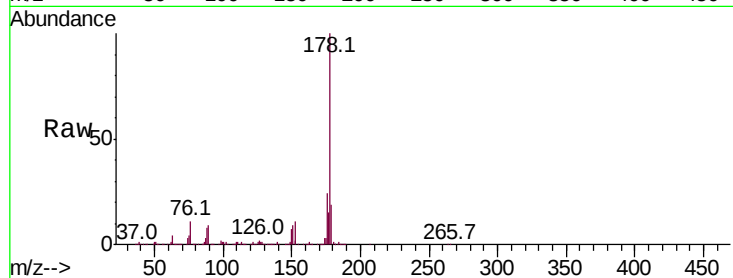




#71
Phenanthrene
Concen: 39.866 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

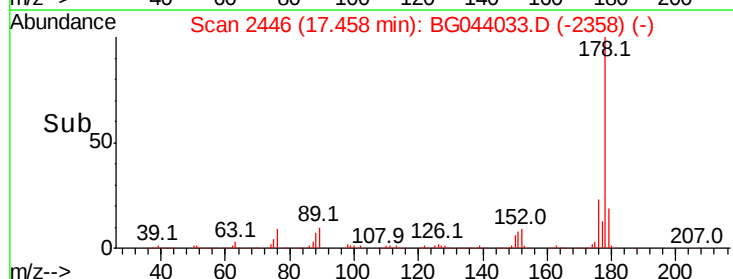
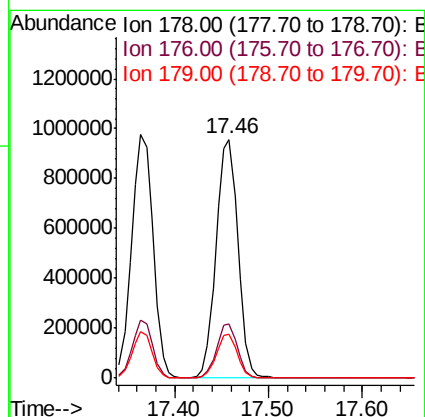
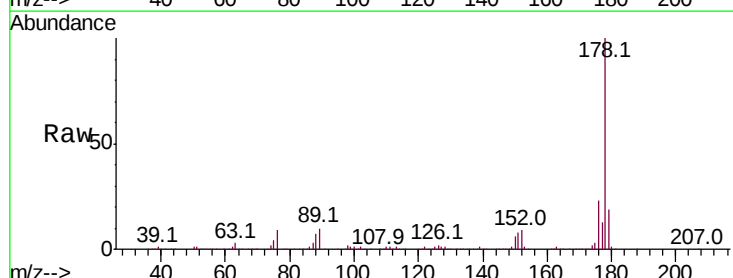
Instrument :
BNA_G
ClientSampleId :

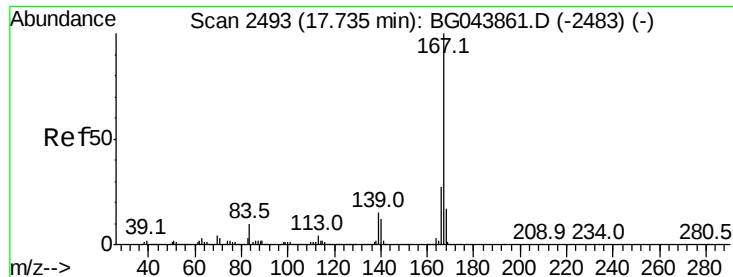
Tot Ion:178 Resp: 1564892
Ion Ratio Lower Upper
178 100
176 23.6 18.6 28.0
179 19.1 14.4 21.6



#72
Anthracene
Concen: 40.259 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044033.D
Acq: 14 Jan 2020 11:49

Tgt Ion:178 Resp: 1561803
Ion Ratio Lower Upper
178 100
176 22.7 18.3 27.5
179 18.6 14.6 22.0





#73

Carbazole

Concen: 41.514 ng

RT: 17.72 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

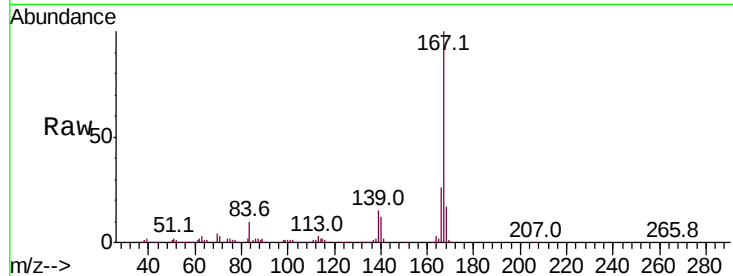
Tot Ion:167 Resp: 1487648

Ion Ratio Lower Upper

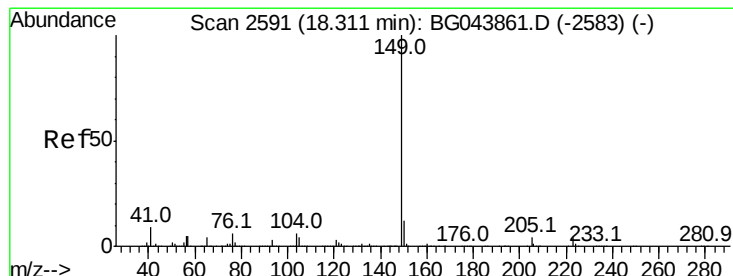
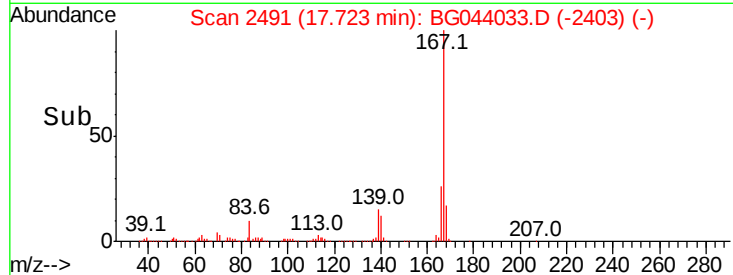
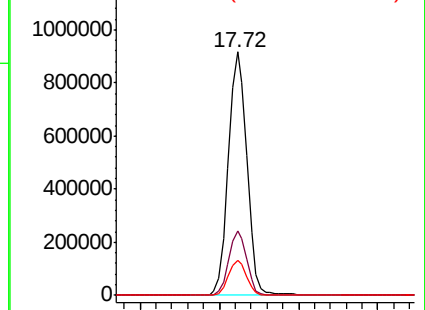
167 100

166 26.4 21.6 32.4

139 14.6 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.825 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

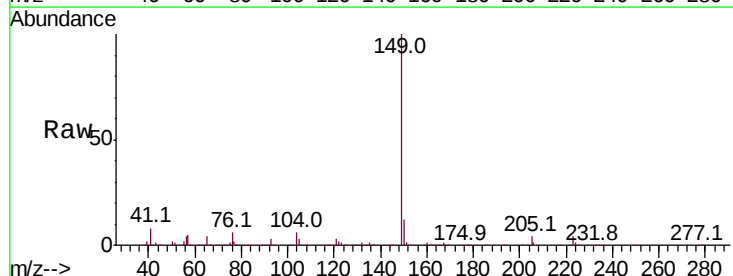
Tgt Ion:149 Resp: 1822071

Ion Ratio Lower Upper

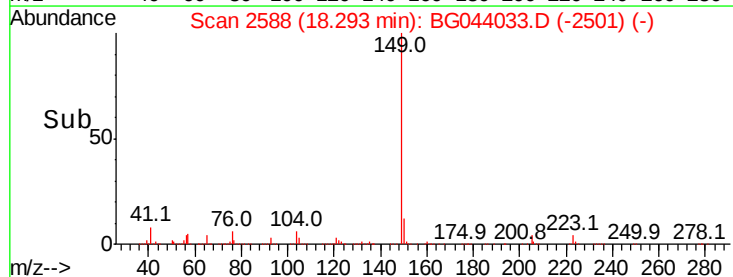
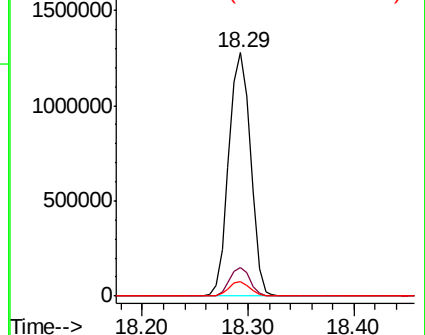
149 100

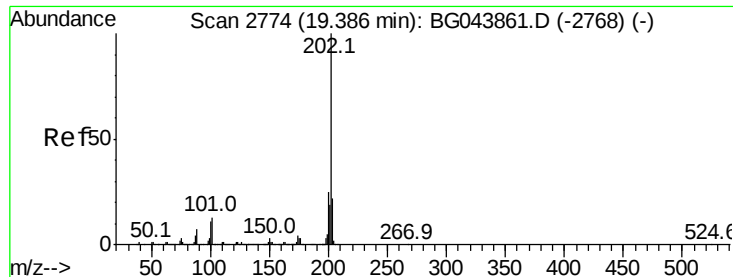
150 12.0 9.7 14.5

104 6.1 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.713 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

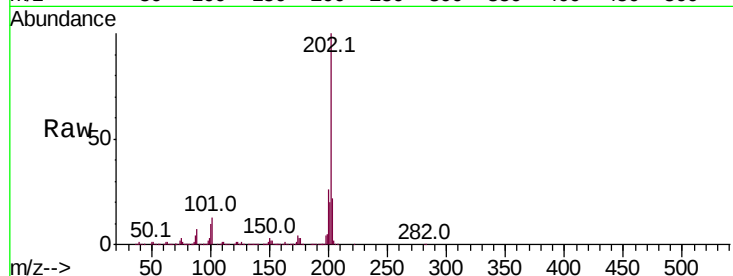
Tot Ion:202 Resp: 1827694

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

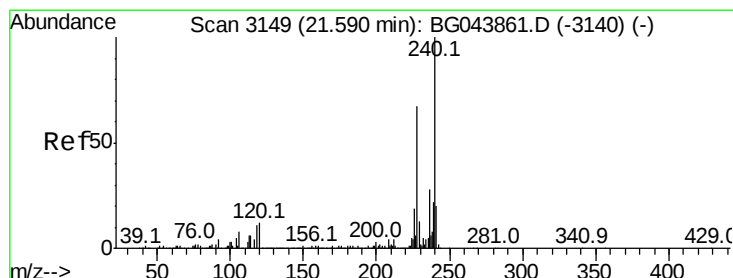
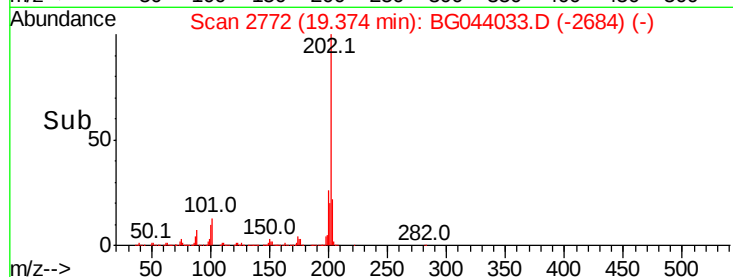
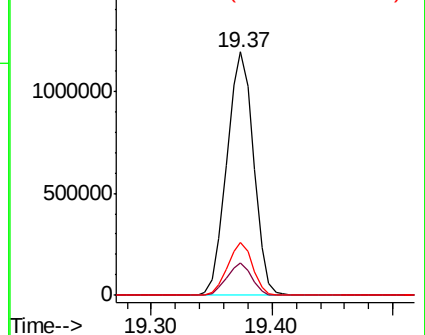
203 21.9 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

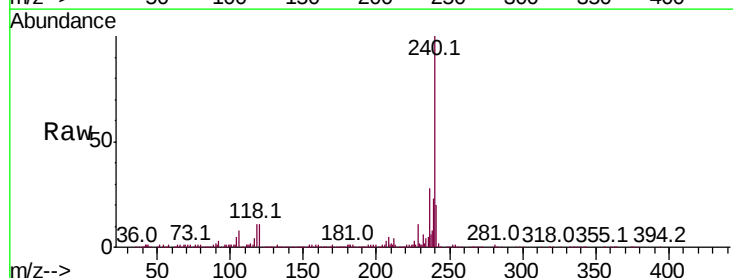
Tgt Ion:240 Resp: 755742

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

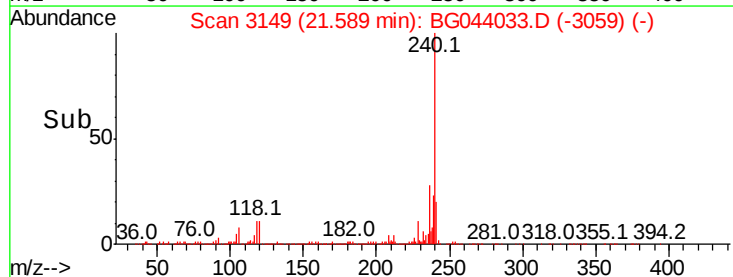
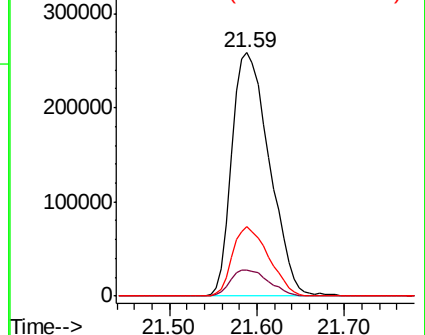
236 28.5 22.2 33.2

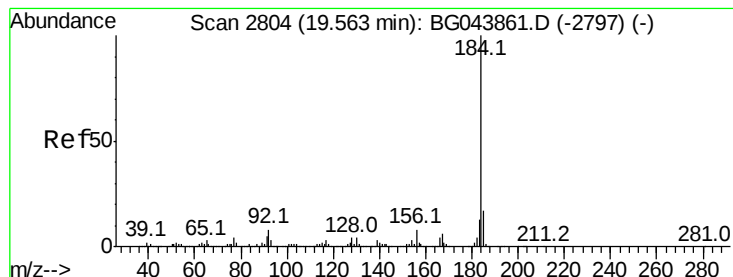


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.653 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

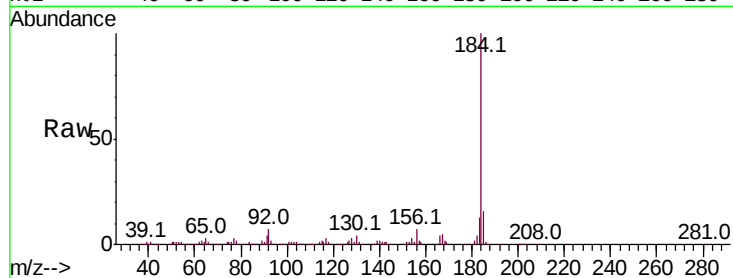
Tot Ion:184 Resp: 639267

Ion Ratio Lower Upper

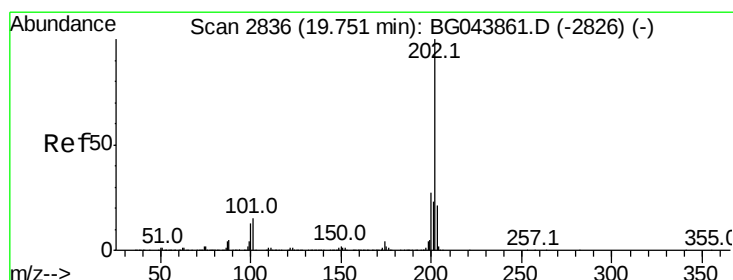
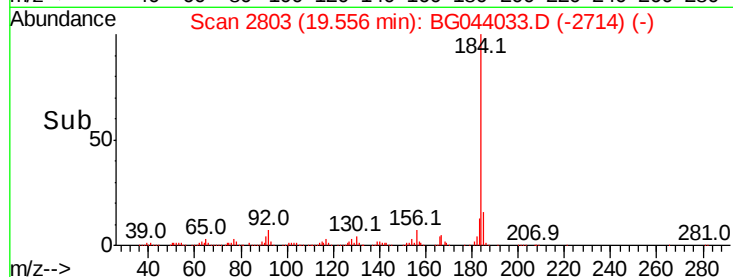
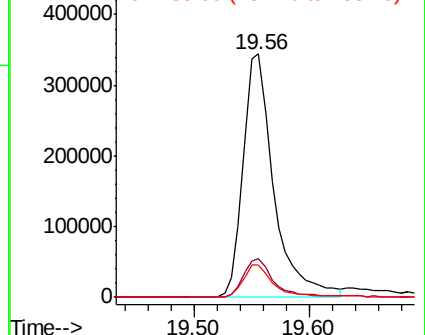
184 100

185 15.8 13.4 20.0

183 13.3 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: 37.341 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

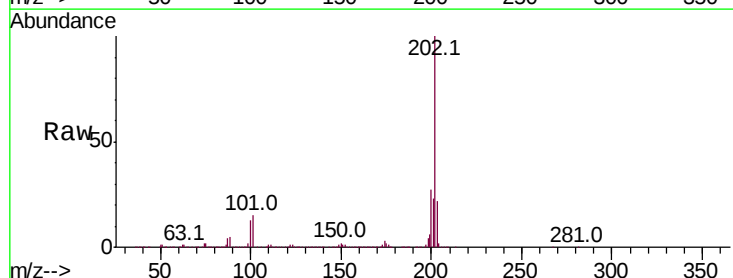
Tgt Ion:202 Resp: 1842050

Ion Ratio Lower Upper

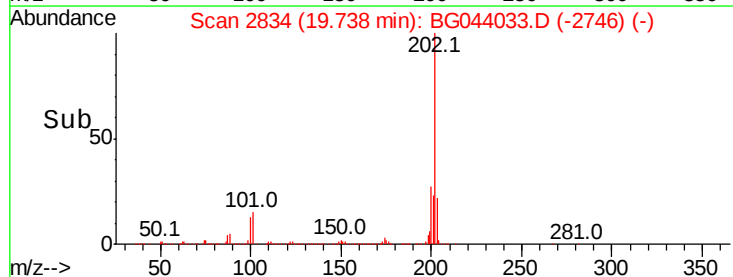
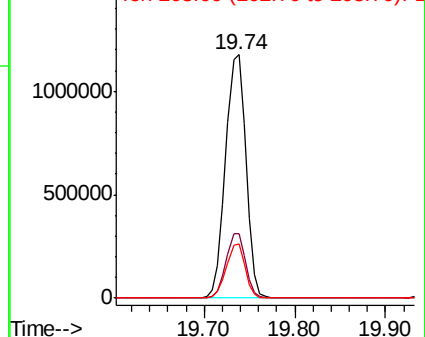
202 100

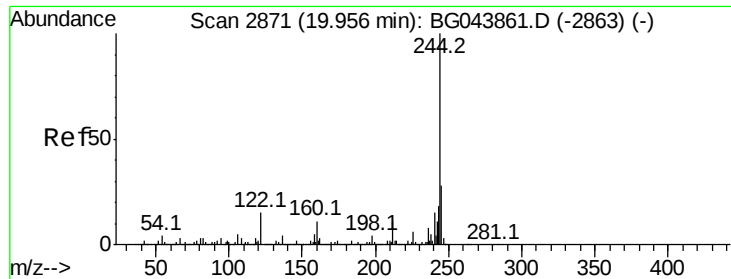
200 26.7 21.7 32.5

203 22.3 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: 80.143 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

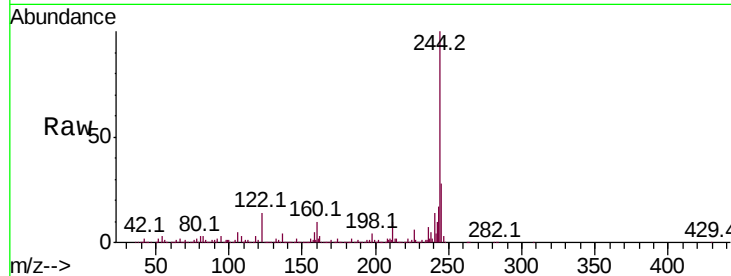
Tot Ion:244 Resp: 2550900

Ion Ratio Lower Upper

244 100

212 10.3 8.6 13.0

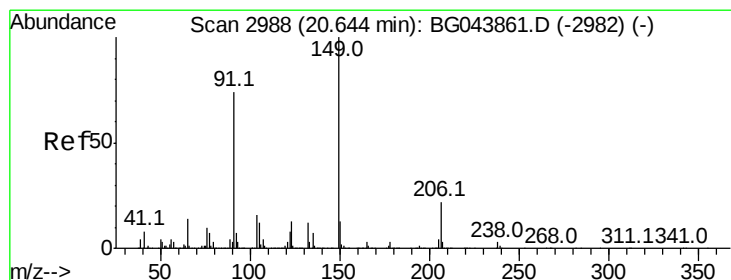
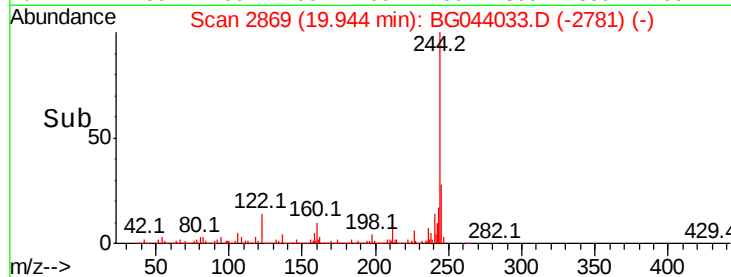
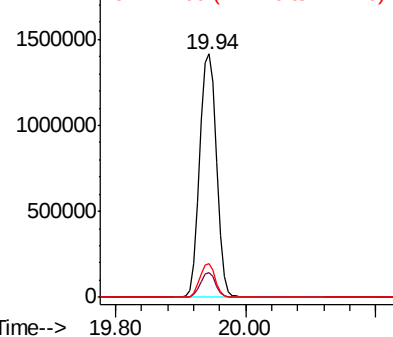
122 13.9 11.9 17.9



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: 38.792 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

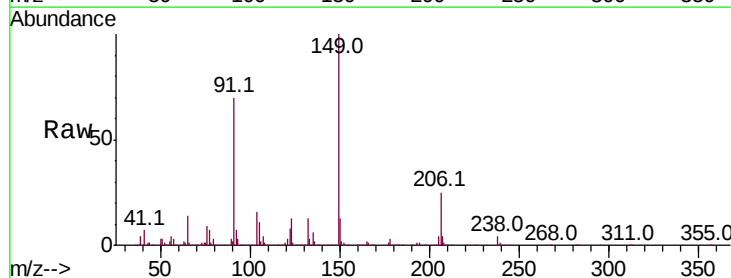
Tgt Ion:149 Resp: 911058

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

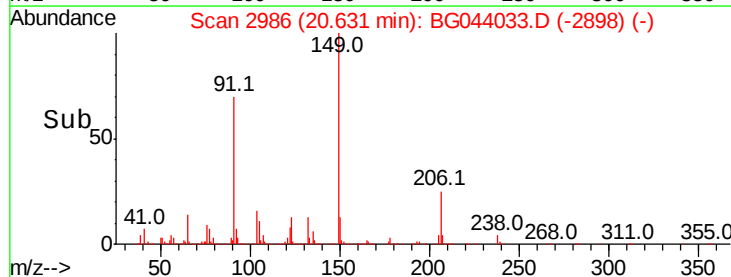
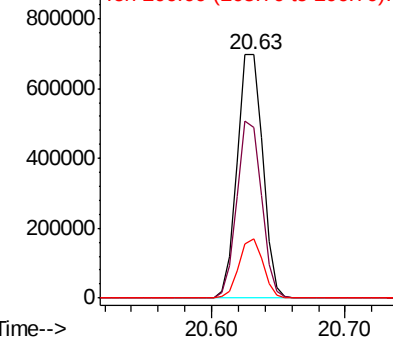
206 24.6 17.8 26.6

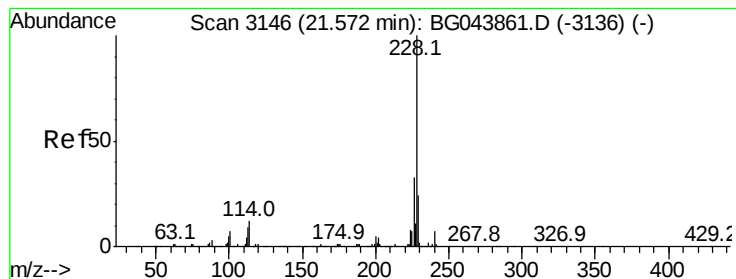


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.430 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

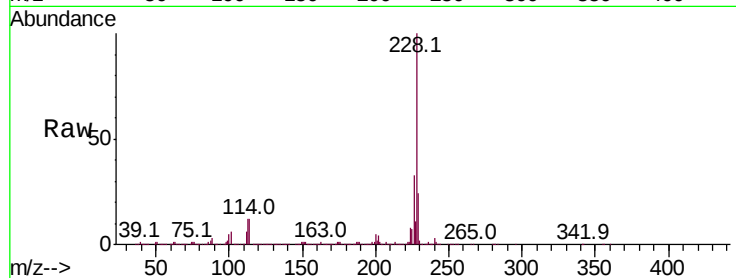
Tot Ion:228 Resp: 1800882

Ion Ratio Lower Upper

228 100

226 32.8 26.2 39.4

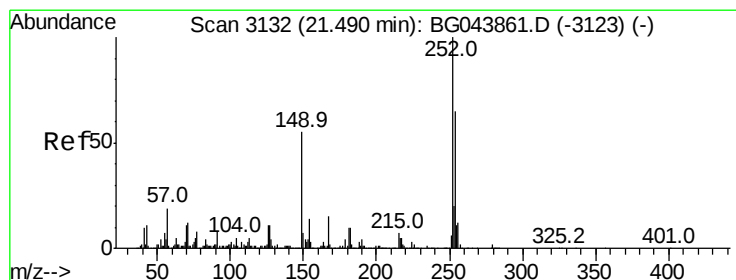
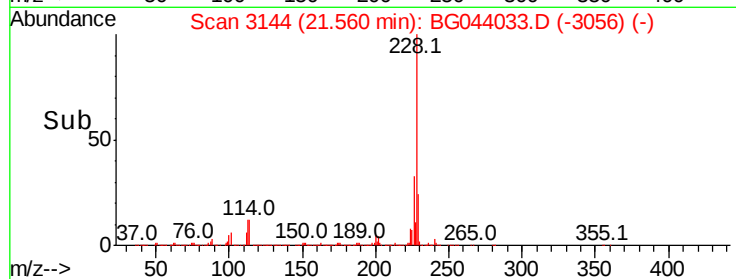
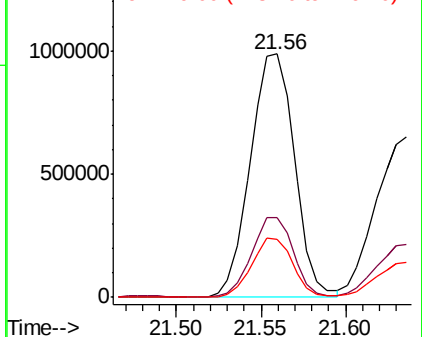
229 24.0 18.9 28.3



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: 37.728 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

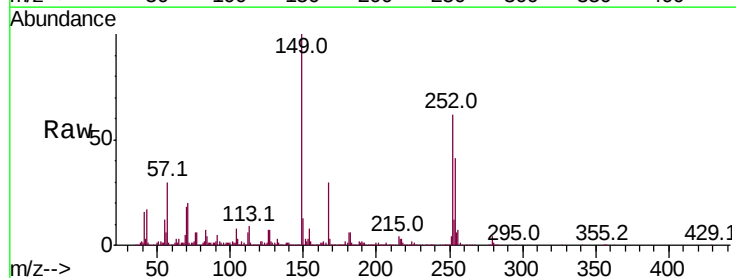
Tgt Ion:252 Resp: 698491

Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

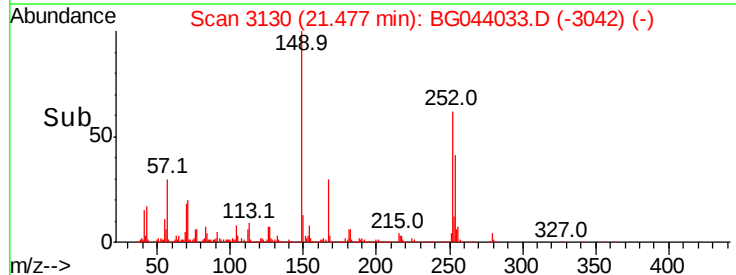
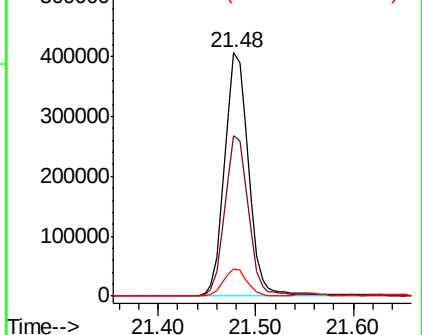
126 11.0 9.1 13.7

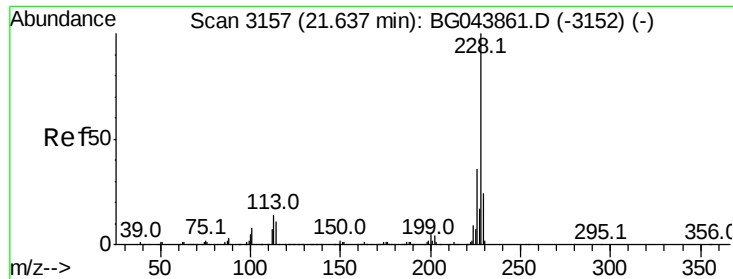


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.208 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

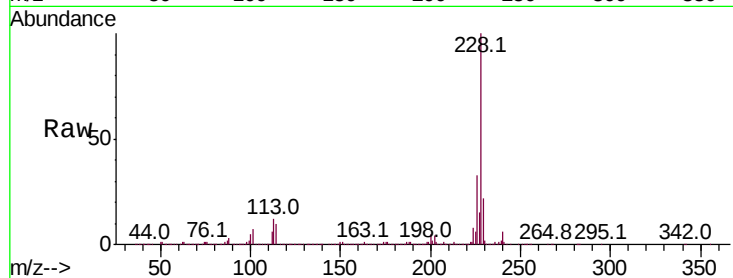
Tot Ion:228 Resp: 1879425

Ion Ratio Lower Upper

228 100

226 33.2 28.8 43.2

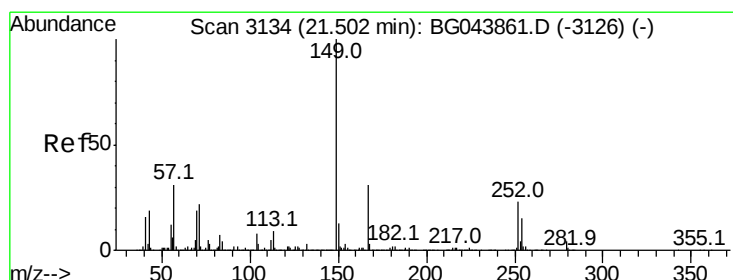
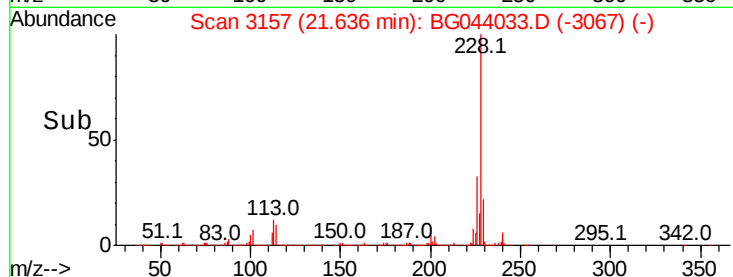
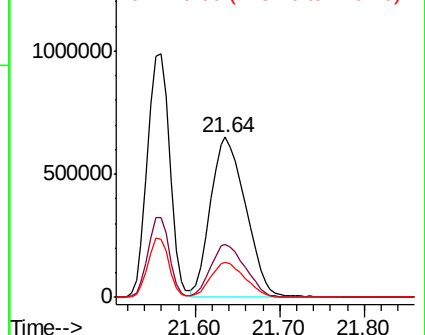
229 21.6 19.0 28.6



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: 38.059 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

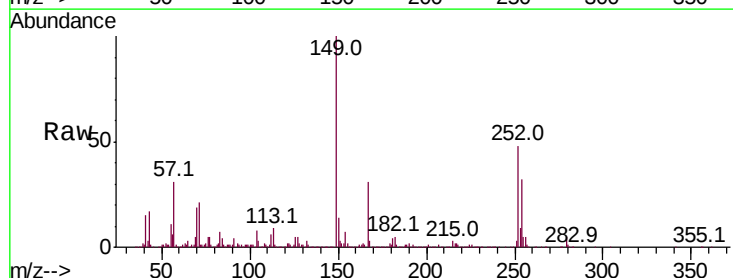
Tgt Ion:149 Resp: 1233340

Ion Ratio Lower Upper

149 100

167 31.3 24.7 37.1

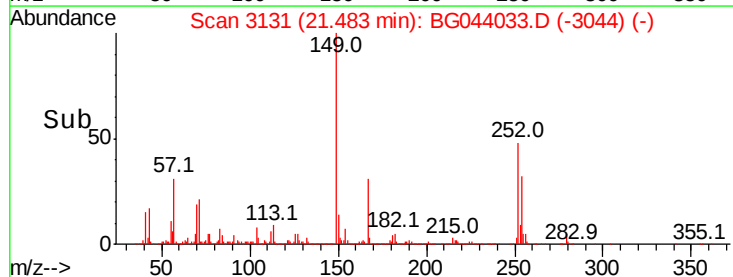
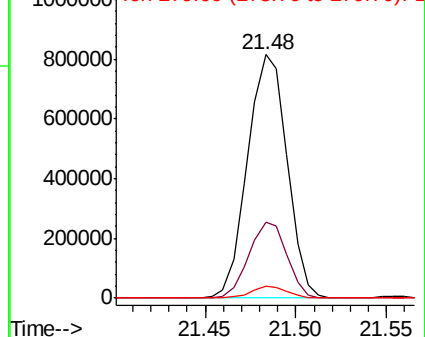
279 4.9 3.3 4.9

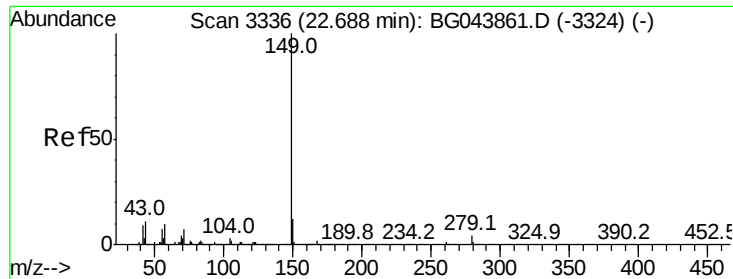


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.750 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampled :

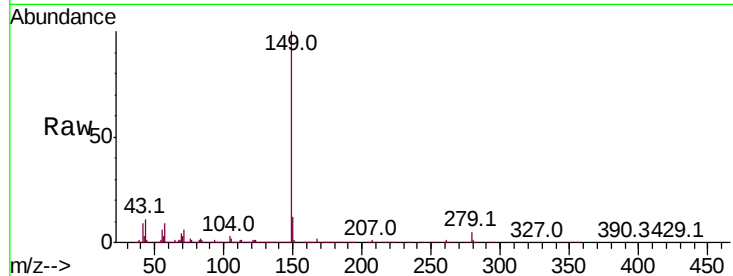
Tot Ion:149 Resp: 2165576

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

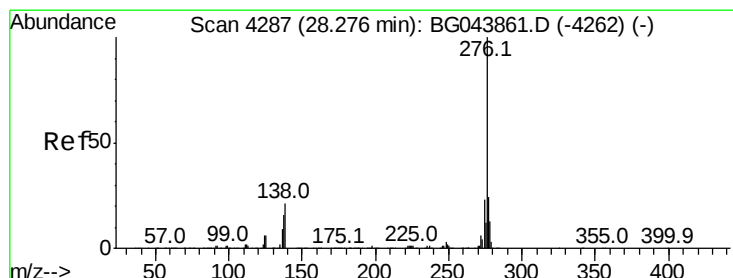
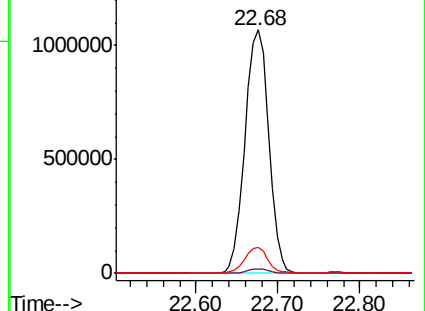
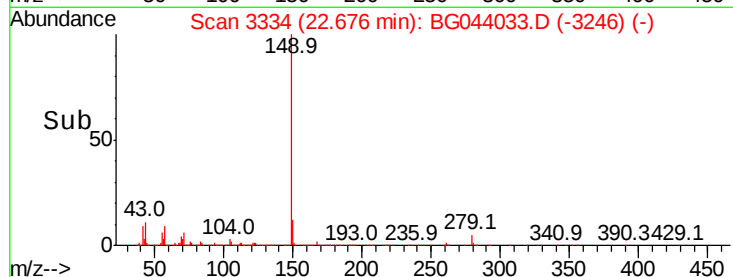
43 10.4 8.8 13.2



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: 19.637 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.09 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

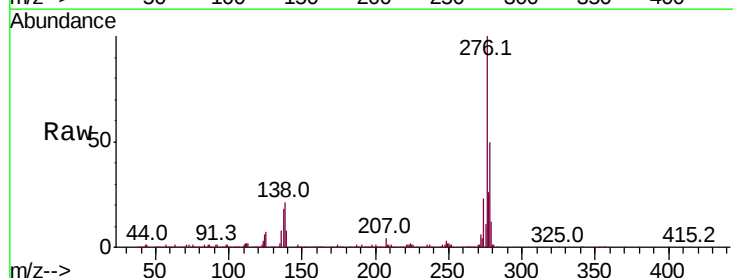
Tgt Ion:276 Resp: 1188312

Ion Ratio Lower Upper

276 100

138 18.1 21.0 31.4#

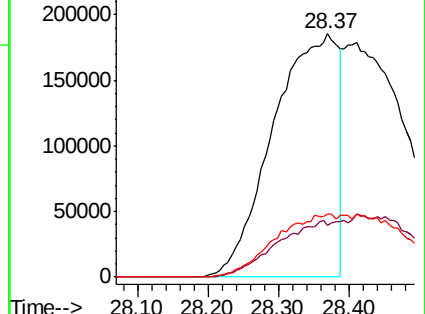
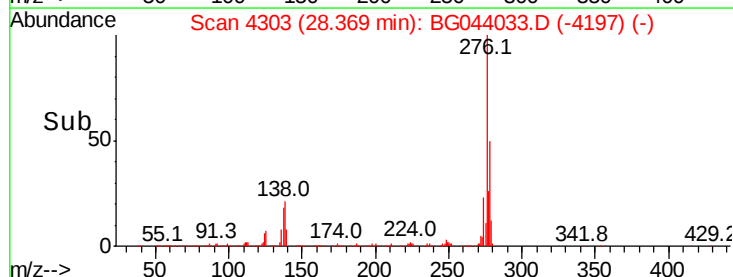
277 23.7 21.1 31.7

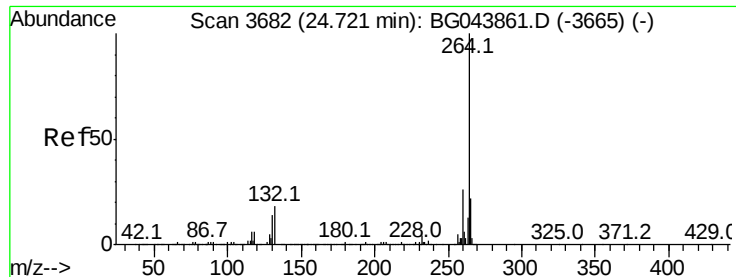


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.76 min Scan# 3689

Delta R.T. 0.04 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

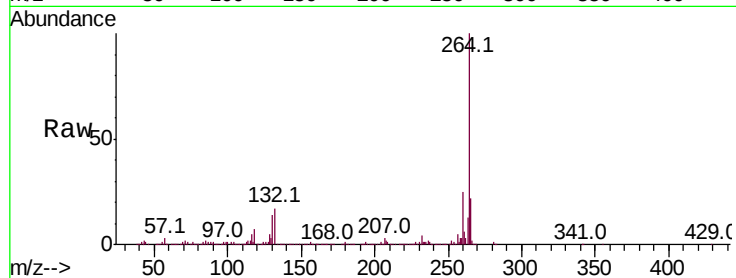
Tot Ion:264 Resp: 843334

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	21.8	17.4	26.2

264 100

260 25.0 20.4 30.6

265 21.8 17.4 26.2

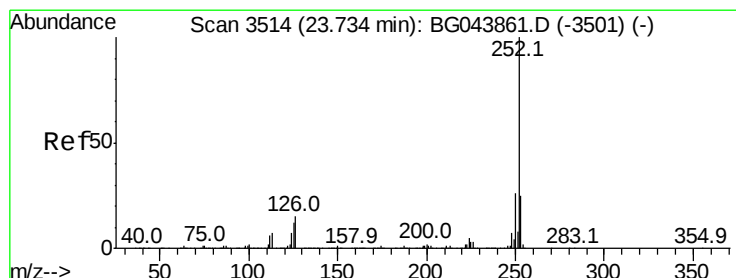
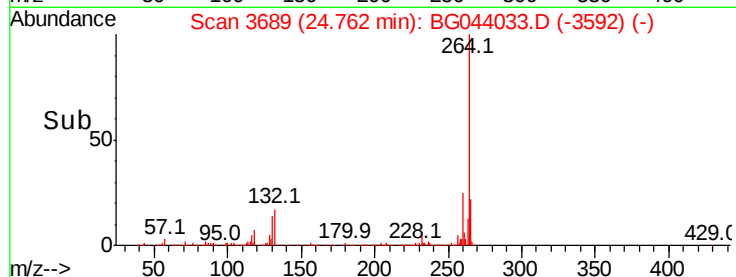
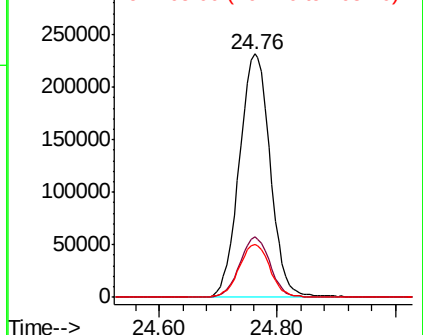


Abundance

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: 38.713 ng

RT: 23.82 min Scan# 3528

Delta R.T. 0.08 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

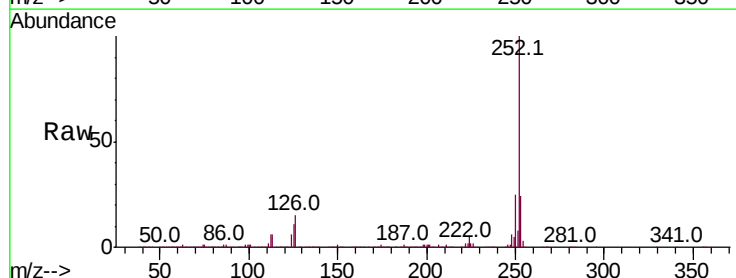
Tgt Ion:252 Resp: 1930086

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.7	29.5
125	10.7	9.4	14.2

252 100

253 23.9 19.7 29.5

125 10.7 9.4 14.2

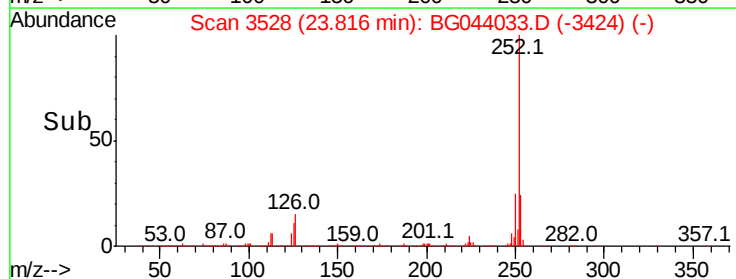
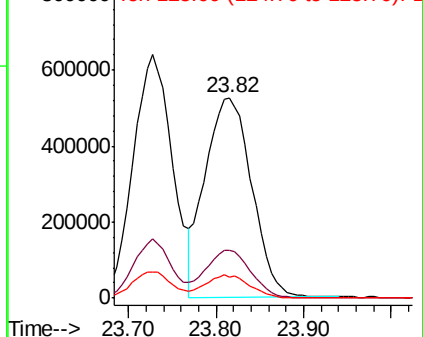


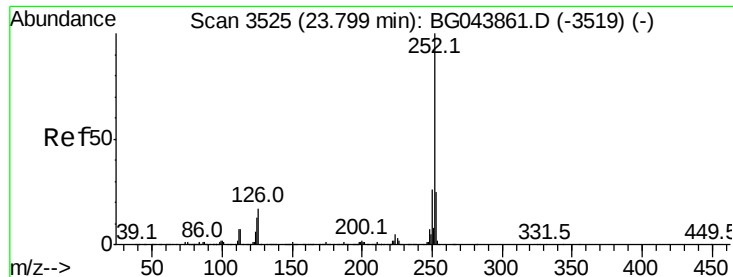
Abundance

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: 40.711 ng

RT: 23.82 min Scan# 3528

Delta R.T. 0.02 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

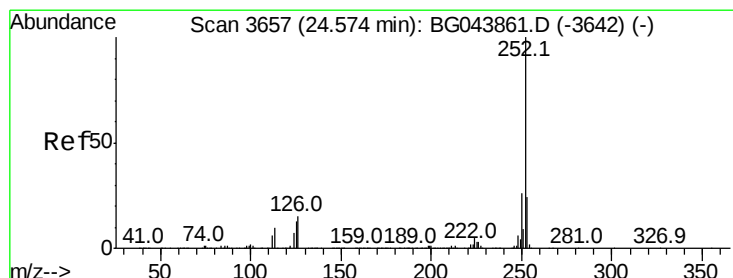
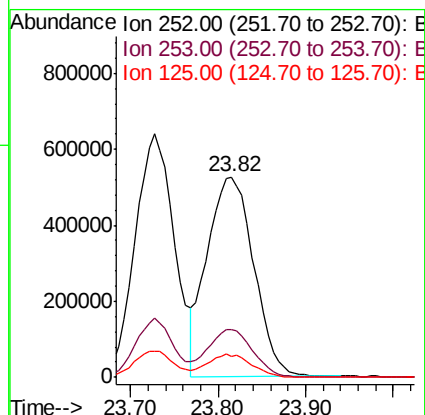
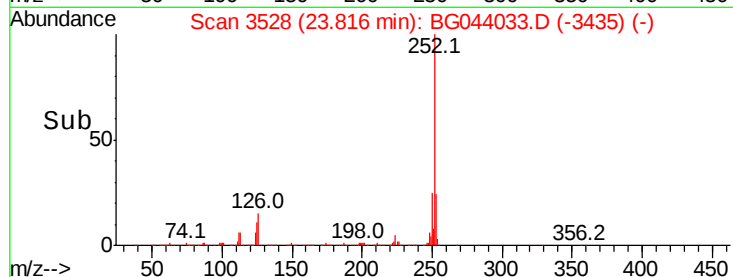
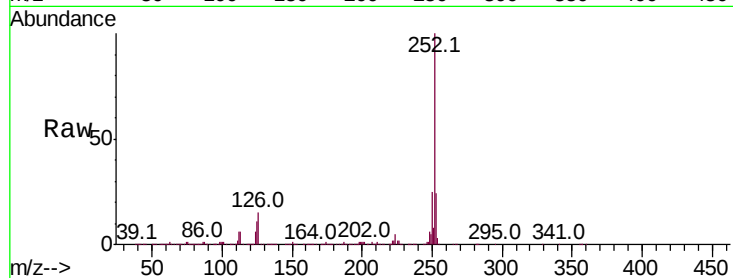
Tot Ion:252 Resp: 1930086

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

125 10.7 9.9 14.9



#90

Benzo(a)pyrene

Concen: 40.198 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.03 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

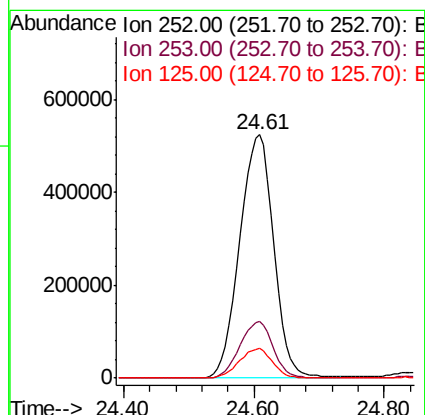
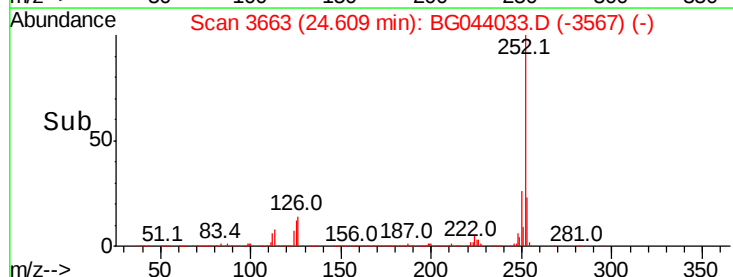
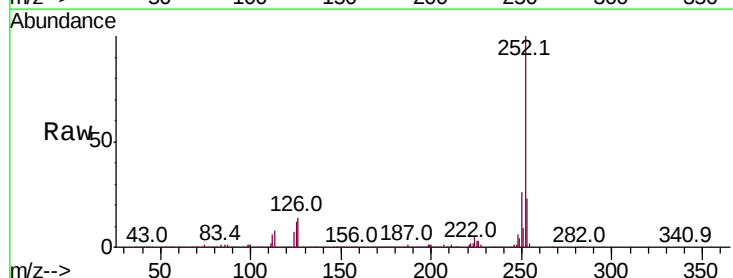
Tgt Ion:252 Resp: 1891519

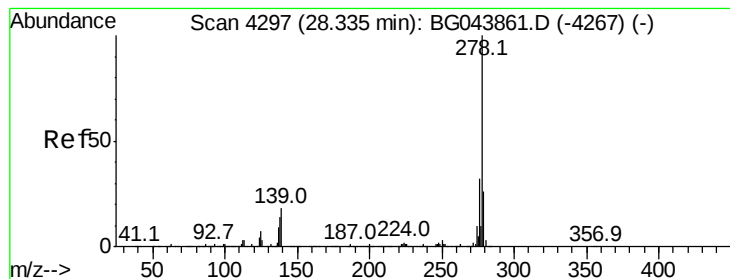
Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

125 12.1 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 40.821 ng

RT: 28.46 min Scan# 4319

Delta R.T. 0.13 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

Instrument :

BNA_G

ClientSampleId :

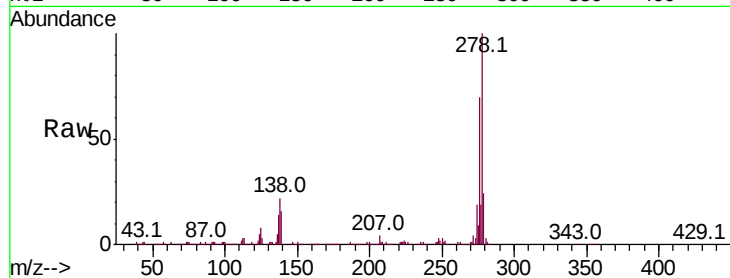
Tot Ion:278 Resp: 1929091

Ion Ratio Lower Upper

278 100

139 16.4 14.2 21.4

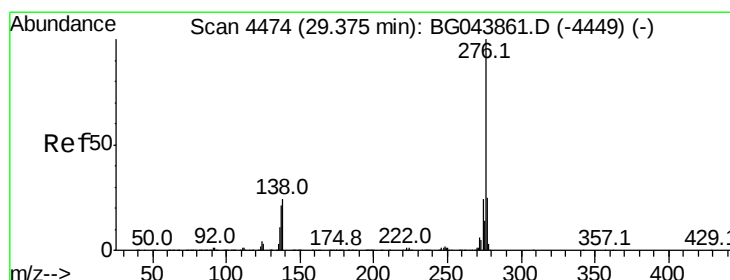
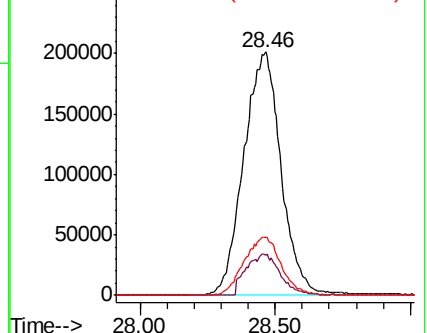
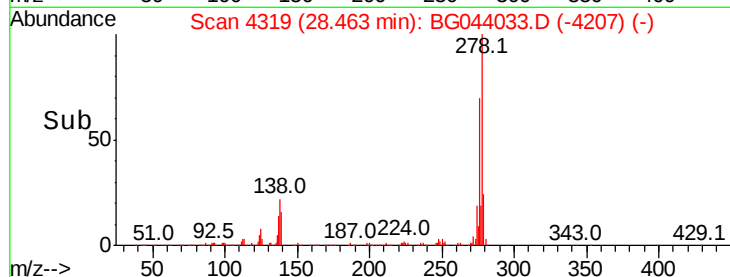
279 24.0 20.6 30.8



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: 40.114 ng

RT: 29.61 min Scan# 4515

Delta R.T. 0.24 min

Lab File: BG044033.D

Acq: 14 Jan 2020 11:49

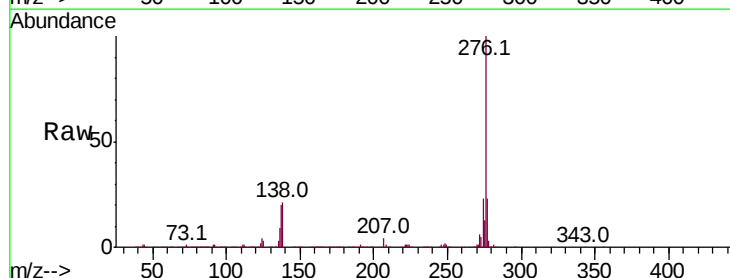
Tgt Ion:276 Resp: 1882984

Ion Ratio Lower Upper

276 100

277 23.4 20.2 30.4

138 21.3 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

