

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044604.D
 Acq On : 26 Feb 2020 15:22
 Operator : CG/JU
 Sample : PB127106BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:42:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	60901	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	271129	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	173422	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	416540	20.00	ng	0.00
76) Chrysene-d12	21.50	240	416876	20.00	ng	0.00
87) Perylene-d12	24.57	264	288322	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	468104	123.32	ng	0.00
7) Phenol-d6	7.05	99	653022	125.69	ng	0.00
23) Nitrobenzene-d5	9.03	82	359799	68.37	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	285407	116.07	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	871945	72.00	ng	0.00
79) Terphenyl-d14	19.87	244	1440088	65.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	50594	30.546	ng	98
3) Pyridine	3.72	79	129886	28.104	ng	95
4) n-Nitrosodimethylamine	3.63	42	64055	36.492	ng	100
6) Aniline	7.20	93	134521	21.266	ng	100
8) 2-Chlorophenol	7.44	128	171564	41.406	ng	98
10) Phenol	7.08	94	216697	43.039	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	156442	36.960	ng	96
12) 1,3-Dichlorobenzene	7.77	146	172177	34.840	ng	98
13) 1,4-Dichlorobenzene	7.91	146	172731	34.778	ng	99
14) 1,2-Dichlorobenzene	8.22	146	166588	35.270	ng	99
15) Benzyl Alcohol	8.11	79	144934	41.362	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	203837	35.833	ng	97
17) 2-Methylphenol	8.33	107	148298	41.229	ng	97
18) Hexachloroethane	8.96	117	62358	34.355	ng	98
19) n-Nitroso-di-n-propylamine	8.68	70	124394	37.247	ng	99
20) 3+4-Methylphenols	8.65	107	206636	41.961	ng	98
22) Acetophenone	8.69	105	245078	36.003	ng	# 99
24) Nitrobenzene	9.08	77	177175	34.749	ng	99
25) Isophorone	9.60	82	347283	35.274	ng	98
26) 2-Nitrophenol	9.79	139	100905	36.492	ng	98
27) 2,4-Dimethylphenol	9.86	122	163161	42.025	ng	97
28) bis(2-Chloroethoxy)methane	10.08	93	219254	33.676	ng	99
29) 2,4-Dichlorophenol	10.33	162	177220	38.180	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	175615	32.714	ng	100
31) Naphthalene	10.73	128	516111	34.885	ng	99
32) Benzoic acid	10.02	122	96843	57.527	ng	95
33) 4-Chloroaniline	10.83	127	102955	15.800	ng	98
34) Hexachlorobutadiene	11.02	225	103629	30.739	ng	99
35) Caprolactam	11.60	113	30869	18.577	ng	93
36) 4-Chloro-3-methylphenol	11.97	107	192131	40.212	ng	97
37) 2-Methylnaphthalene	12.34	142	392431	35.891	ng	98
38) 1-Methylnaphthalene	12.55	142	375861	36.177	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	205568	35.210	ng	99
41) Hexachlorocyclopentadiene	12.69	237	94764	38.991	ng	100

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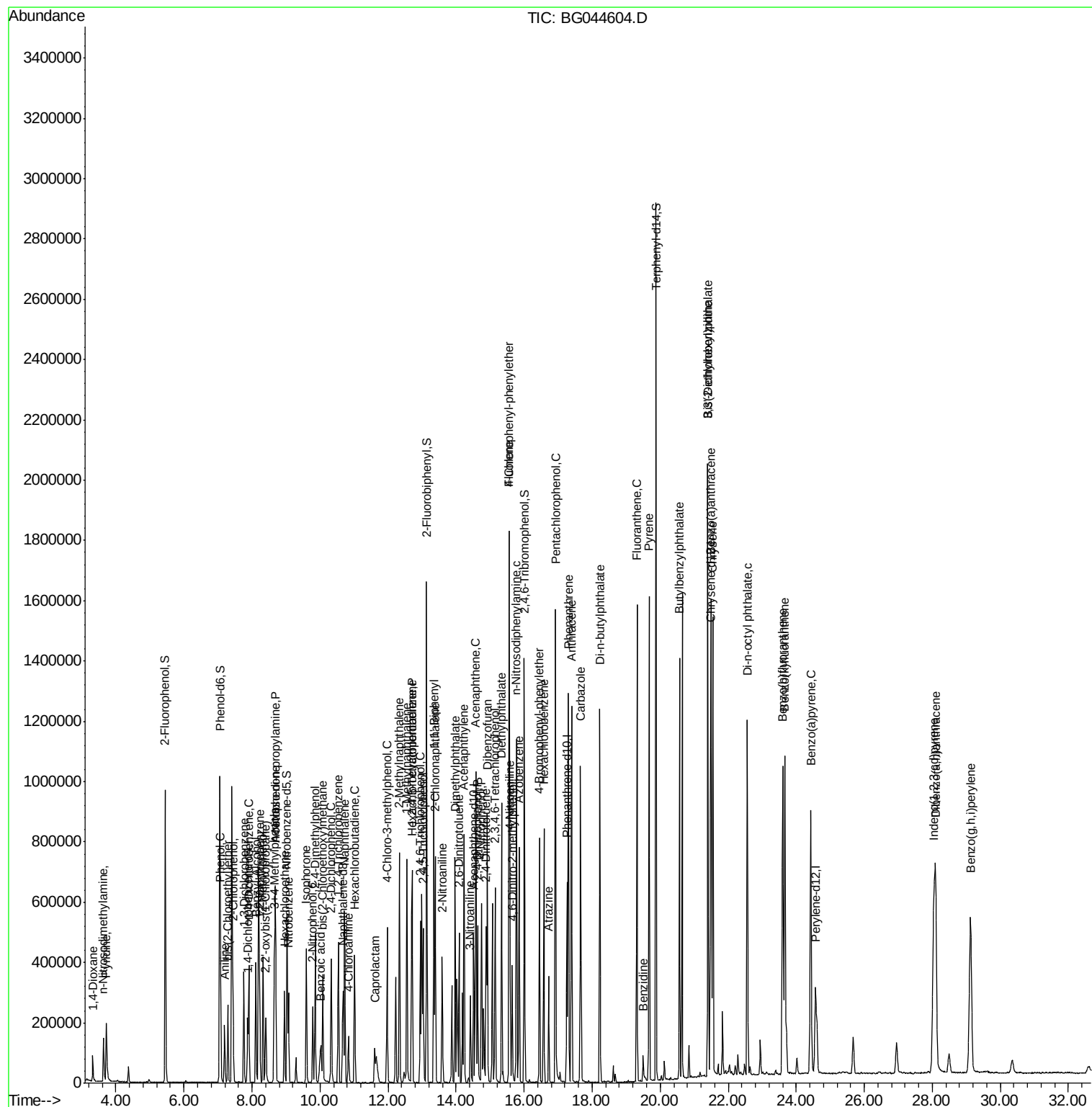
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.95	196	145942	38.499	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	158535	40.711	ng	97
46) 1,1'-Biphenyl	13.35	154	512555	35.714	ng	98
47) 2-Chloronaphthalene	13.39	162	399532	35.502	ng	98
48) 2-Nitroaniline	13.59	65	118525	37.941	ng	98
49) Acenaphthylene	14.23	152	626853	37.735	ng	99
50) Dimethylphthalate	13.98	163	525469	37.540	ng	99
51) 2,6-Dinitrotoluene	14.09	165	121654	39.408	ng	97
52) Acenaphthene	14.58	154	386704	36.518	ng	100
53) 3-Nitroaniline	14.42	138	89109	26.764	ng	99
54) 2,4-Dinitrophenol	14.63	184	147886	80.357	ng	97
55) Dibenzofuran	14.92	168	624396	38.462	ng	100
56) 4-Nitrophenol	14.75	139	208739	91.146	ng	99
57) 2,4-Dinitrotoluene	14.88	165	174698	40.251	ng	98
58) Fluorene	15.56	166	499574	38.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147696	41.187	ng	97
60) Diethylphthalate	15.34	149	533958	38.500	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	259076	37.018	ng	98
62) 4-Nitroaniline	15.59	138	123299	36.985	ng	96
63) Azobenzene	15.85	77	460049	38.976	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	107621	41.727	ng	97
66) n-Nitrosodiphenylamine	15.77	169	469483	36.133	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	177055	34.244	ng	99
68) Hexachlorobenzene	16.58	284	193104	33.033	ng	99
69) Atrazine	16.72	200	70630	14.704	ng	98
70) Pentachlorophenol	16.92	266	326519	111.043	ng	98
71) Phenanthrene	17.30	178	827020	35.862	ng	99
72) Anthracene	17.40	178	808274	35.566	ng	99
73) Carbazole	17.67	167	763885	36.927	ng	99
74) Di-n-butylphthalate	18.23	149	942241	36.349	ng	99
75) Fluoranthene	19.32	202	992311	36.349	ng	99
77) Benzidine	19.50	184	72389	5.069	ng	98
78) Pyrene	19.67	202	1009578	33.362	ng	100
80) Butylbenzylphthalate	20.57	149	433265	32.732	ng	98
81) Benzo(a)anthracene	21.48	228	952158	32.498	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	261319	22.576	ng	99
83) Chrysene	21.55	228	916006	32.335	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	601880	33.000	ng	99
85) Di-n-octyl phthalate	22.56	149	1058993	33.001	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1133641	31.182	ng	100
88) Benzo(b)fluoranthene	23.61	252	1007933	53.170	ng	99
89) Benzo(k)fluoranthene	23.66	252	964896	52.459	ng	99
90) Benzo(a)pyrene	24.43	252	940847	52.824	ng	99
91) Dibenzo(a,h)anthracene	28.09	278	940095	53.370	ng	99
92) Benzo(g,h,i)perylene	29.12	276	948894	53.767	ng	99

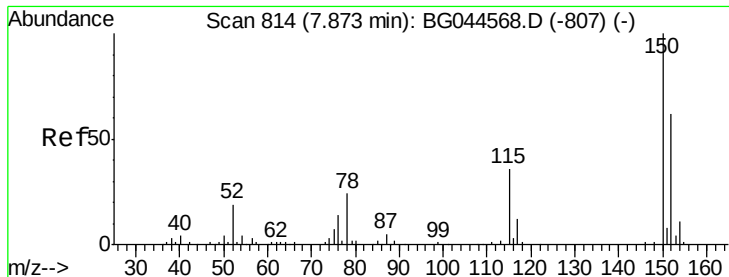
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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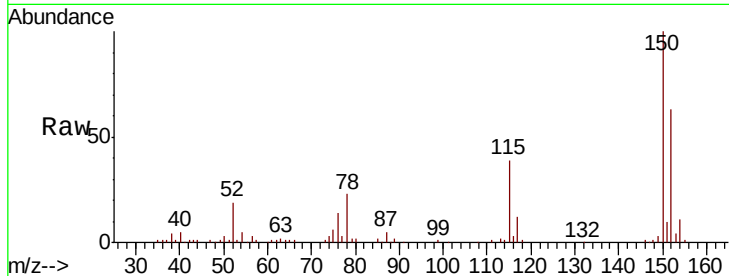


#1

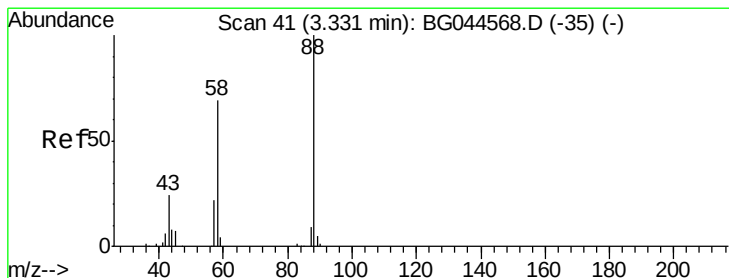
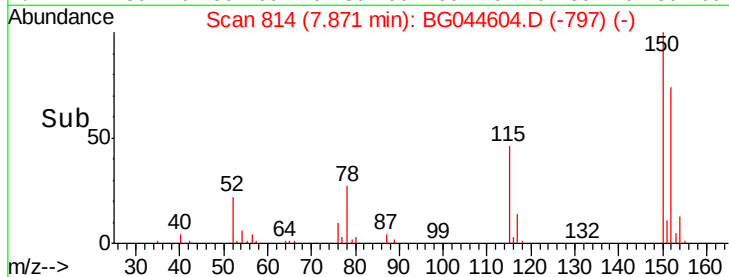
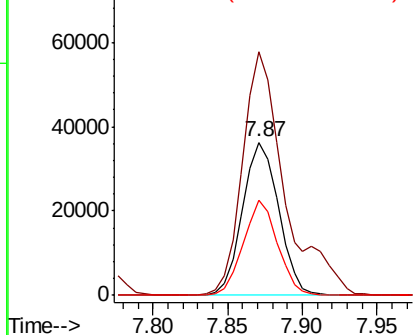
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60901
Ion Ratio Lower Upper
152 100
150 159.0 128.9 193.3
115 62.1 47.0 70.4



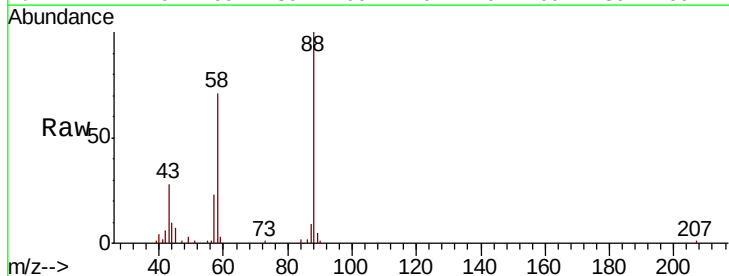
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



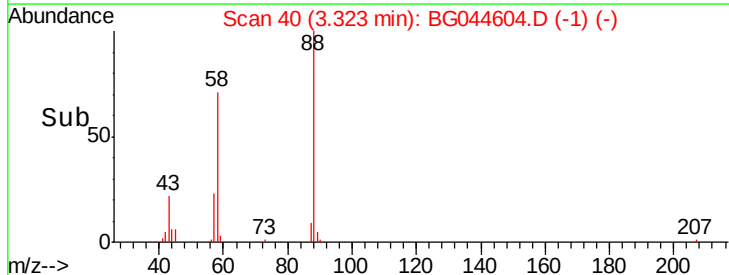
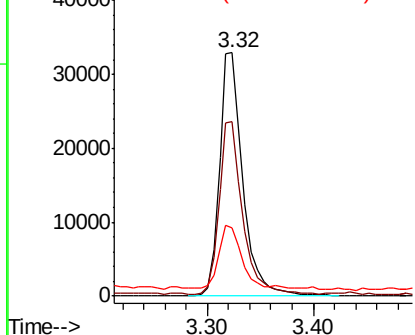
#2

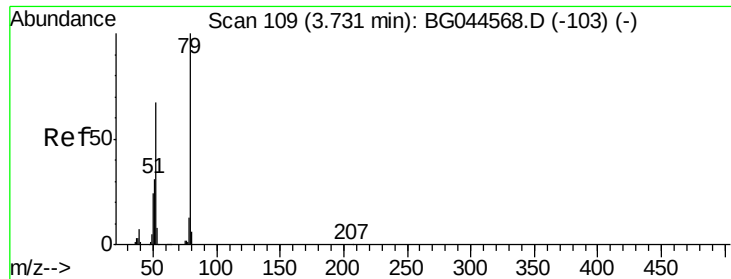
1,4-Dioxane
Concen: 30.546 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion: 88 Resp: 50594
Ion Ratio Lower Upper
88 100
58 70.7 55.8 83.8
43 24.2 20.6 31.0



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: 28.104 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

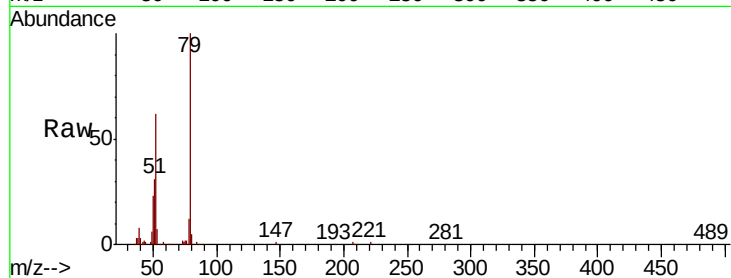
Tot Ion: 79 Resp: 129886

Ion Ratio Lower Upper

79 100

52 61.8 53.7 80.5

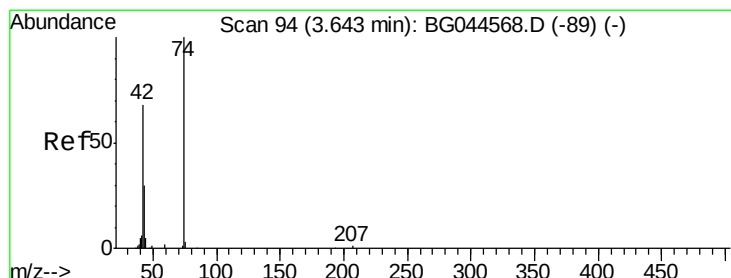
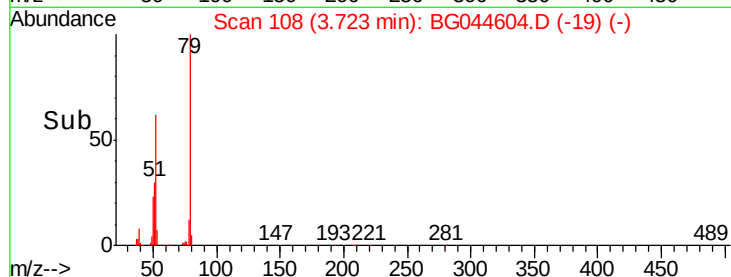
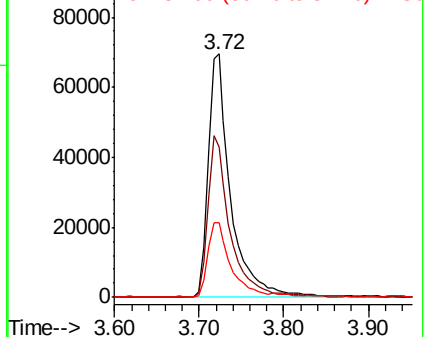
51 30.6 25.4 38.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.492 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

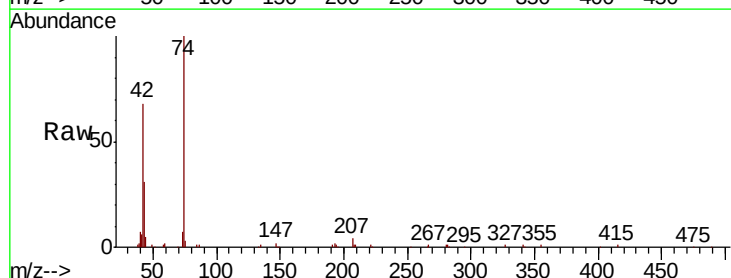
Tgt Ion: 42 Resp: 64055

Ion Ratio Lower Upper

42 100

74 147.2 117.6 176.4

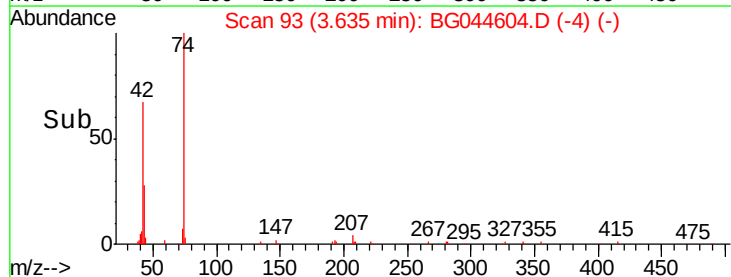
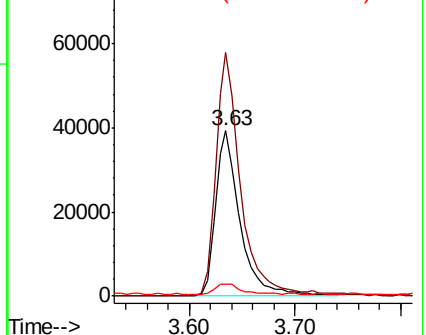
44 7.4 6.3 9.5

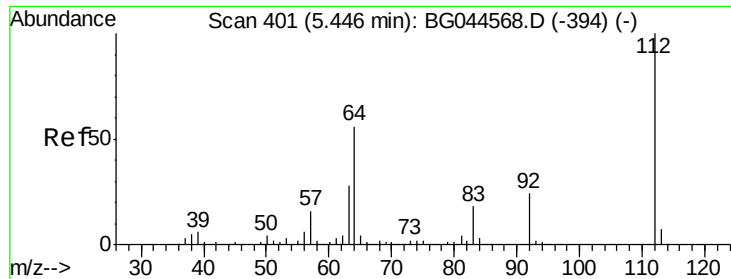


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.325 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

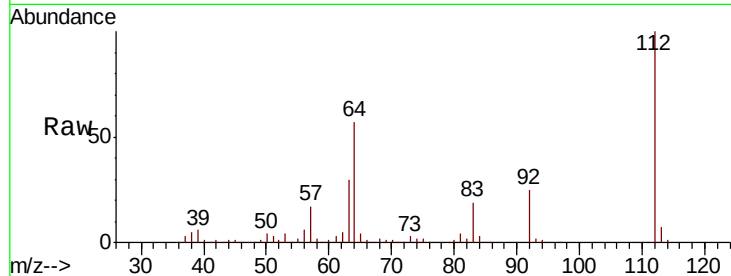
Tot Ion:112 Resp: 468104

Ion Ratio Lower Upper

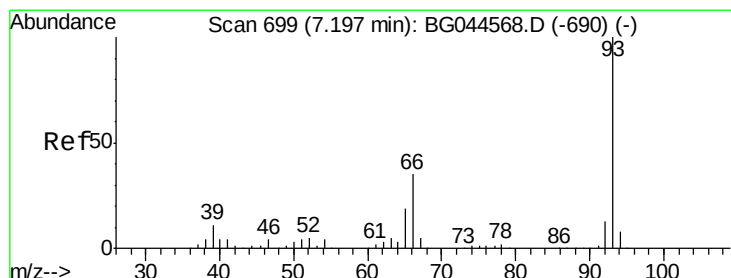
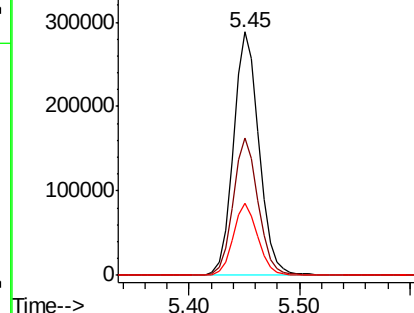
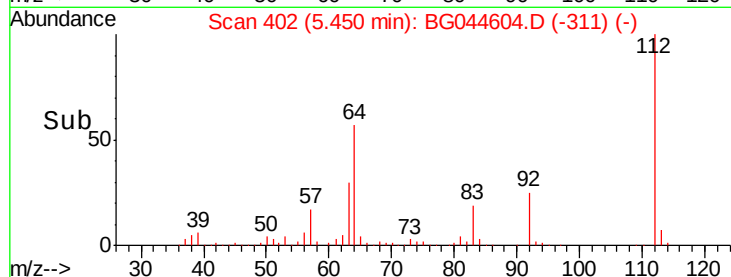
112 100

64 56.7 44.8 67.2

63 29.8 22.3 33.5



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: 21.266 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

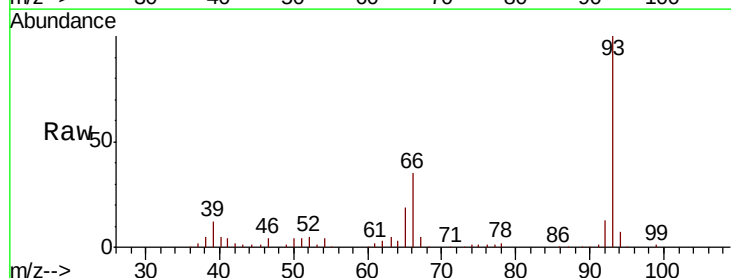
Tgt Ion: 93 Resp: 134521

Ion Ratio Lower Upper

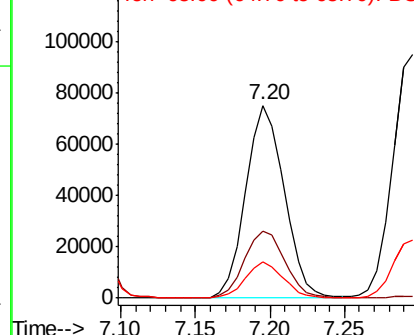
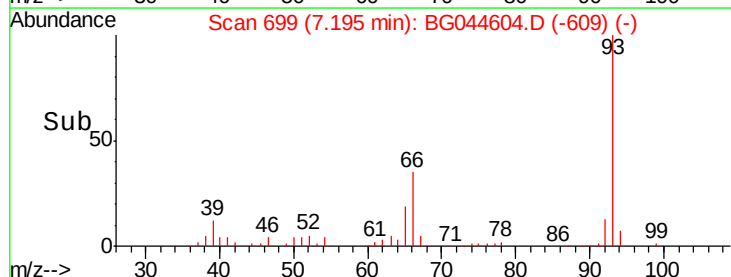
93 100

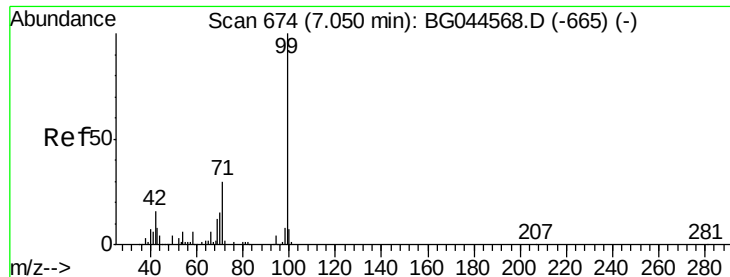
66 34.7 27.8 41.8

65 18.9 14.9 22.3



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: 125.687 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

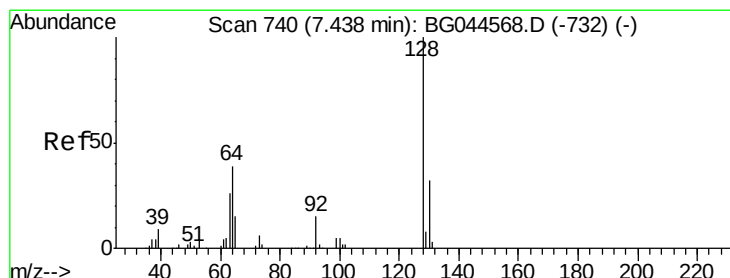
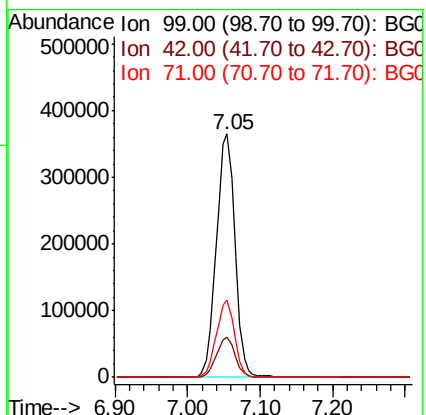
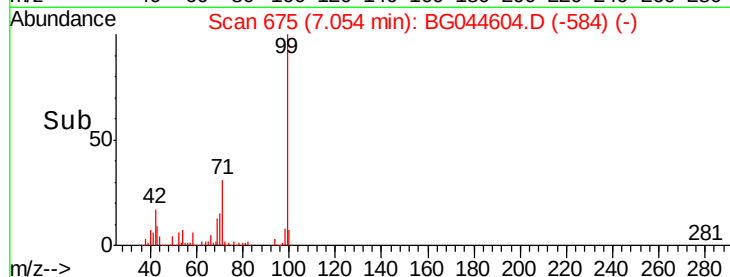
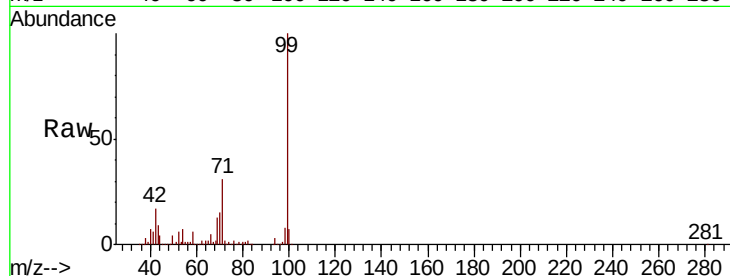
Tot Ion: 99 Resp: 653022

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

71 31.5 24.4 36.6



#8

2-Chlorophenol

Concen: 41.406 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

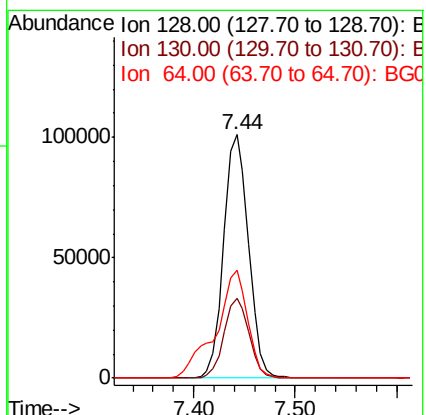
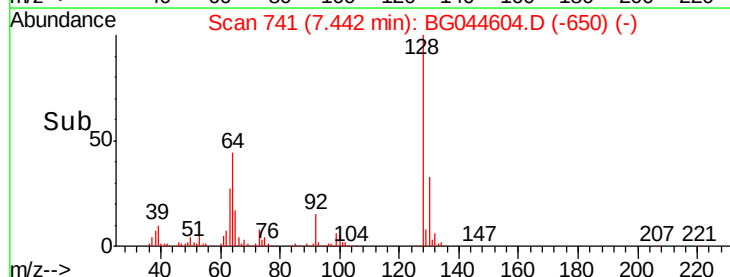
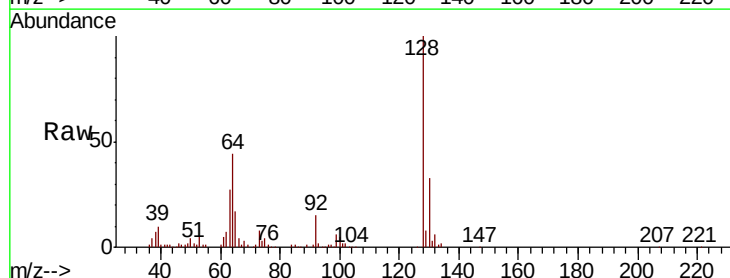
Tgt Ion: 128 Resp: 171564

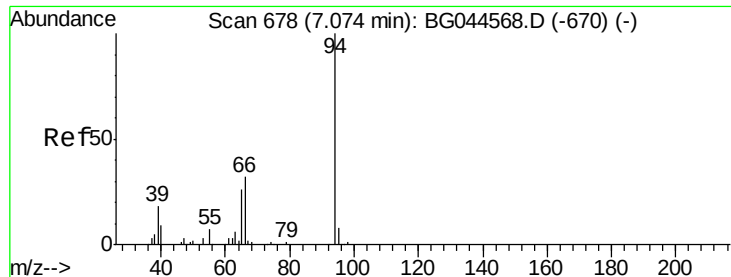
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 44.2 22.5 62.5





#10

Phenol

Concen: 43.039 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

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ClientSampleId :

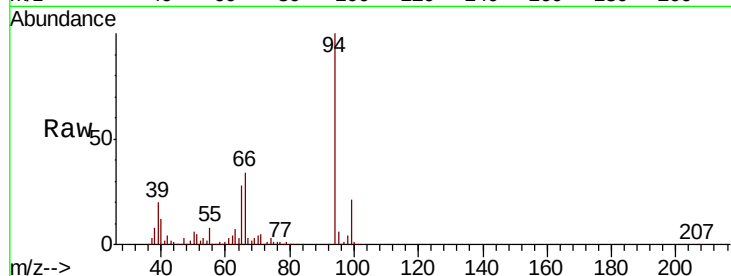
Tot Ion: 94 Resp: 216697

Ion Ratio Lower Upper

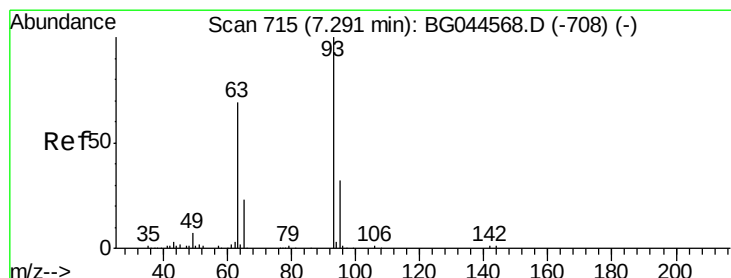
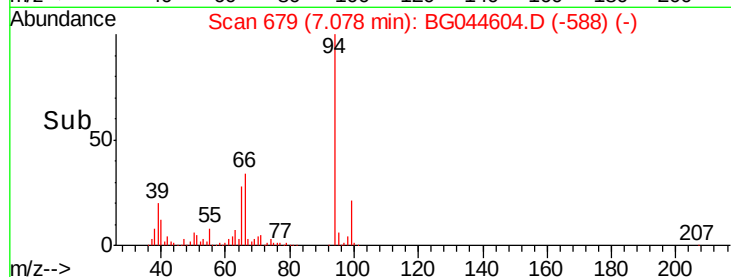
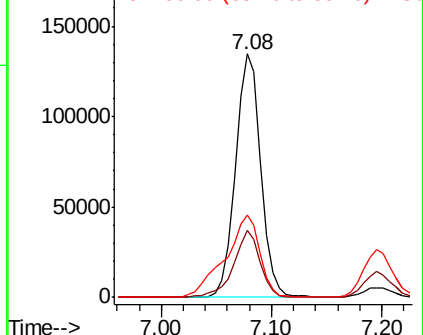
94 100

65 27.7 6.4 46.4

66 34.1 13.9 53.9



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: 36.960 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

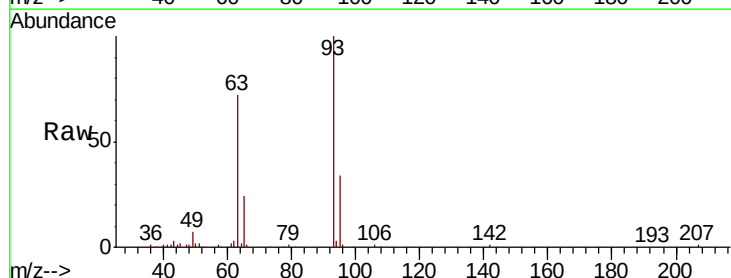
Tgt Ion: 93 Resp: 156442

Ion Ratio Lower Upper

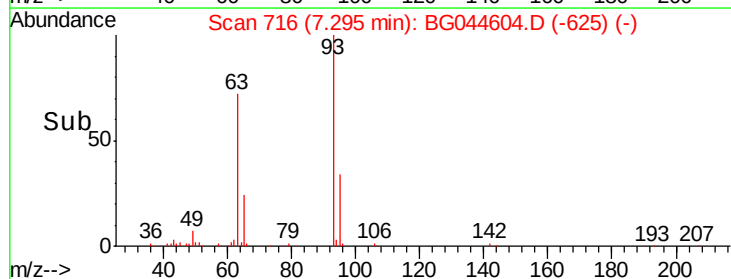
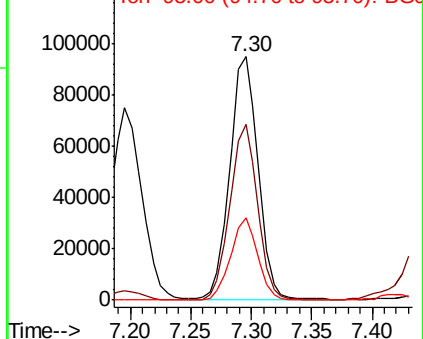
93 100

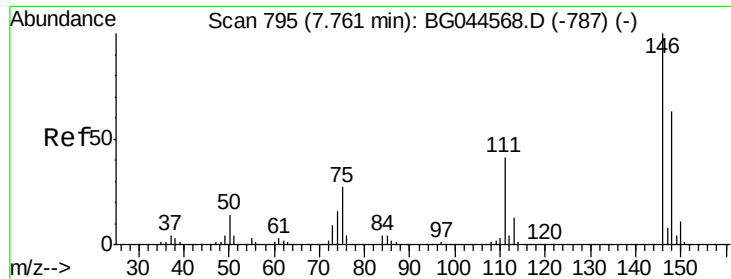
63 72.2 48.9 88.9

95 33.8 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

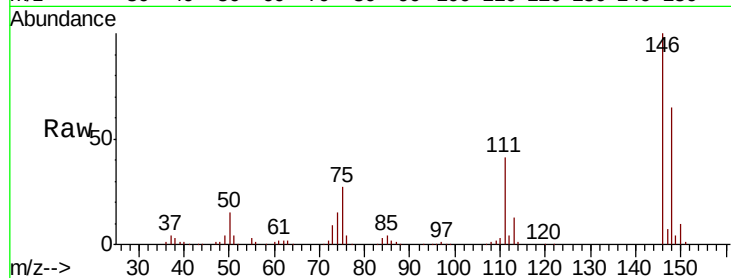




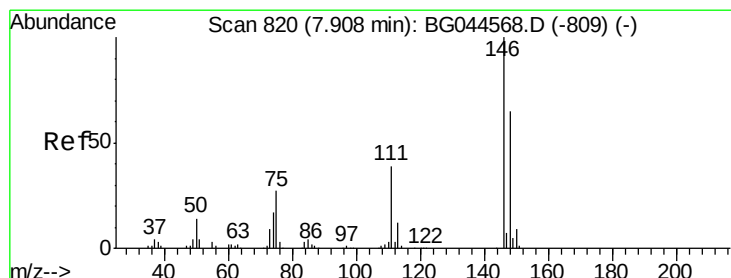
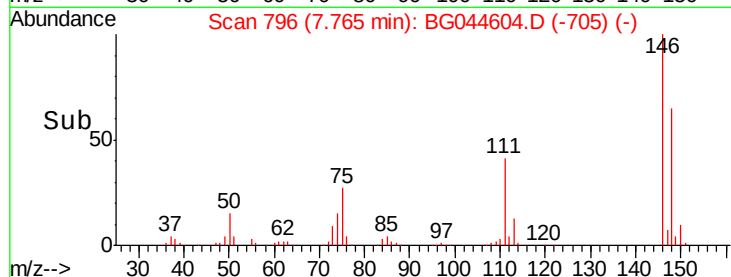
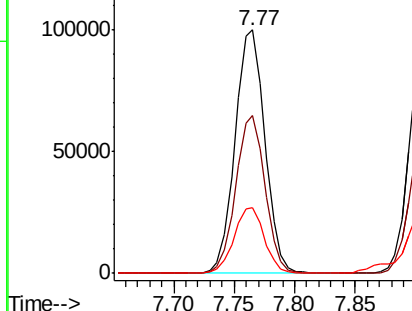
#12
 1,3-Dichlorobenzene
 Concen: 34.840 ng
 RT: 7.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	27.1	21.4	32.0

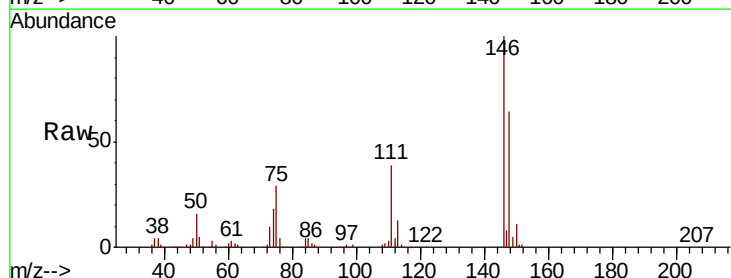


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

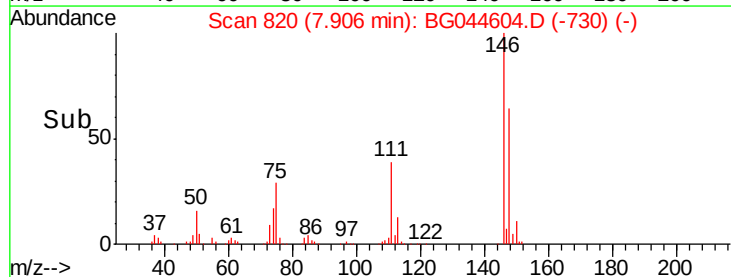
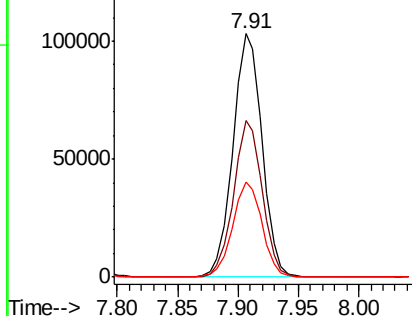


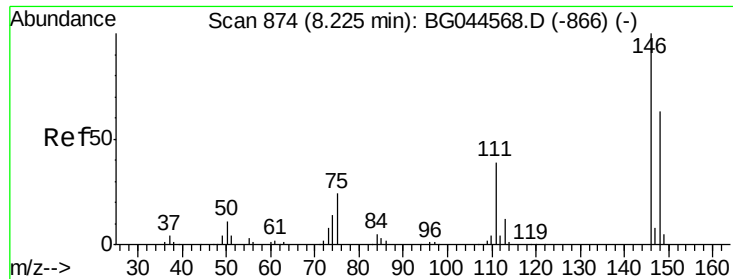
#13
 1,4-Dichlorobenzene
 Concen: 34.778 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	38.9	30.8	46.2



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

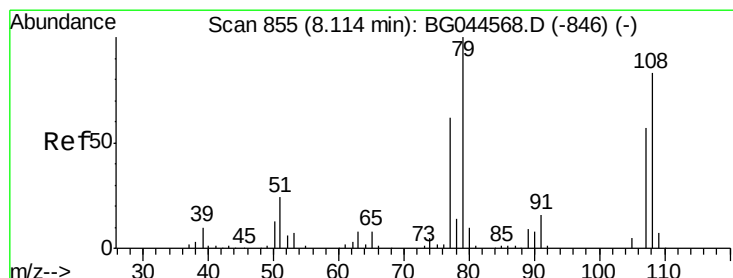
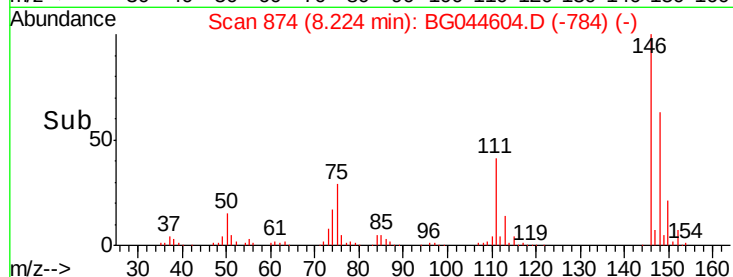
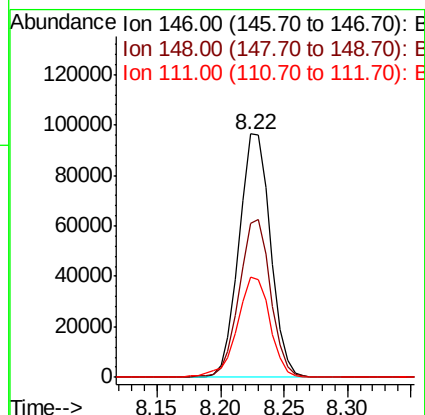
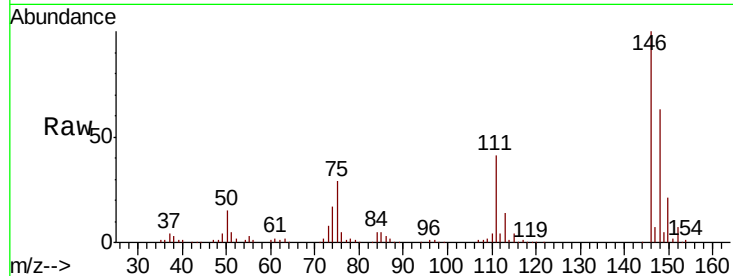




#14
 1,2-Dichlorobenzene
 Concen: 35.270 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

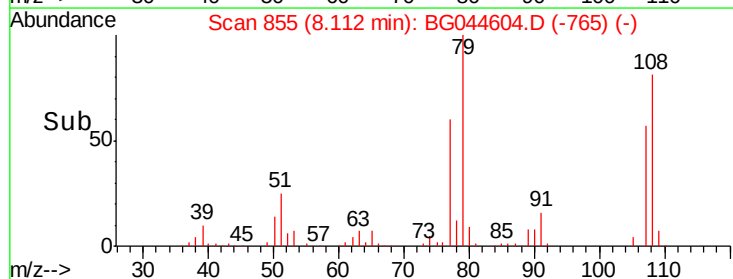
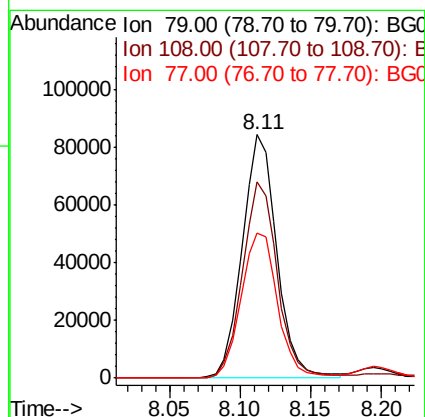
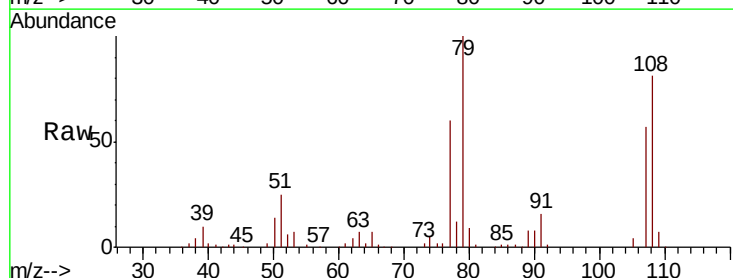
Instrument :
 BNA_G
 ClientSampled :

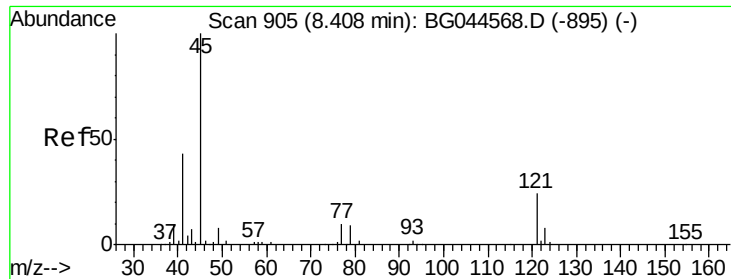
Tot Ion:146 Resp: 166588
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.7 76.1
 111 41.1 31.8 47.6



#15
 Benzyl Alcohol
 Concen: 41.362 ng
 RT: 8.11 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion: 79 Resp: 144934
 Ion Ratio Lower Upper
 79 100
 108 80.6 66.0 99.0
 77 59.7 49.6 74.4

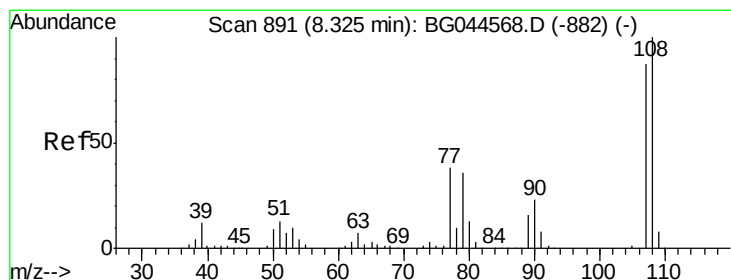
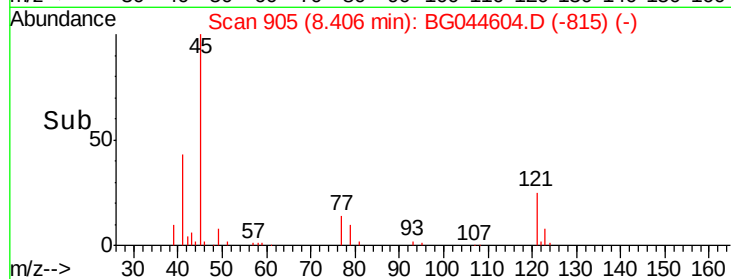
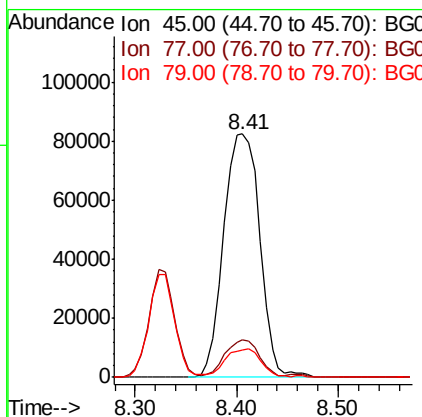
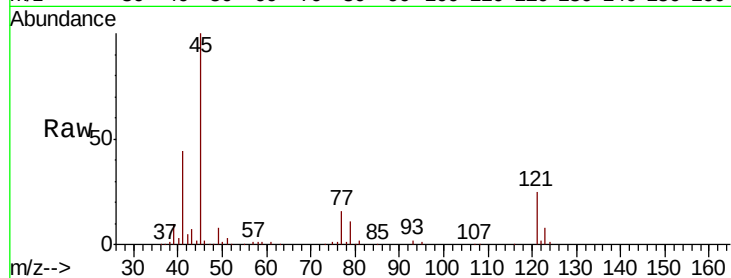




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.833 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

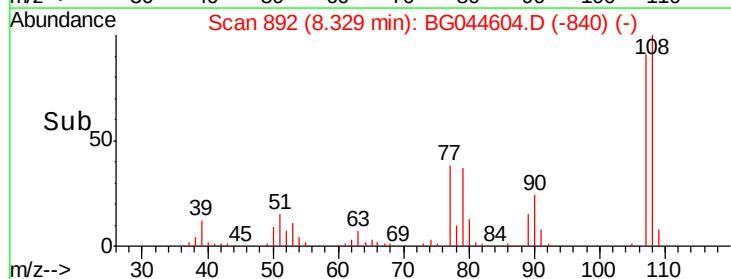
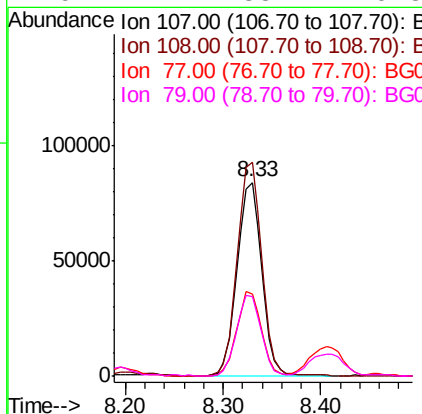
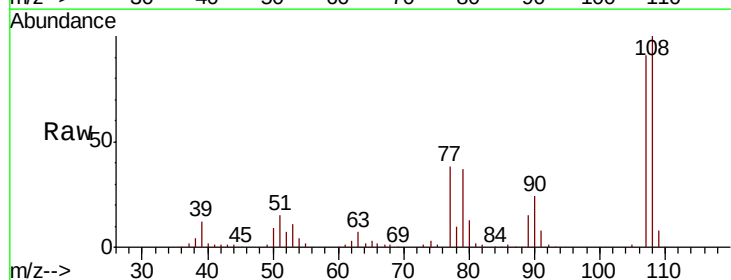
Instrument :
BNA_G
ClientSampleId :

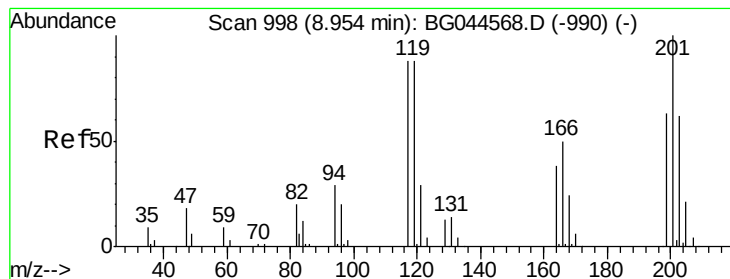
Tot Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.4
79	11.3	0.0	32.3



#17
2-Methylphenol
Concen: 41.229 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.7	137.5
77	42.4	35.1	52.7
79	41.1	33.2	49.8





#18

Hexachloroethane

Concen: 34.355 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

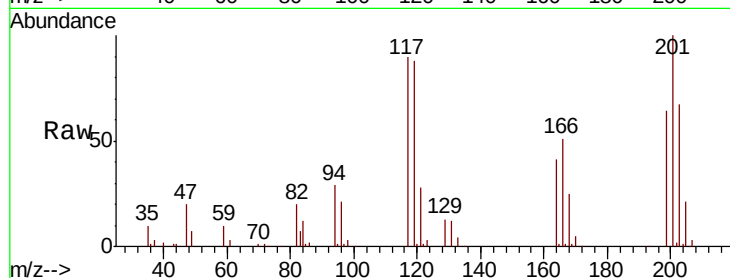
Tot Ion:117 Resp: 62358

Ion Ratio Lower Upper

117 100

119 97.4 80.0 120.0

201 111.2 90.5 135.7

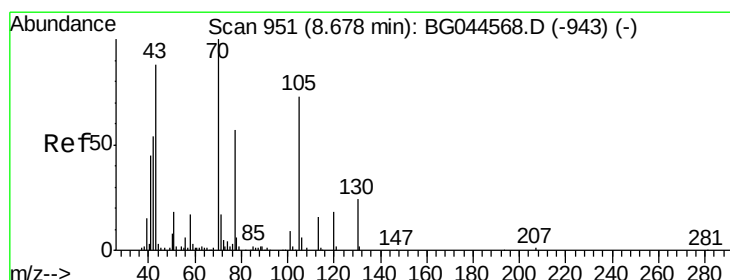
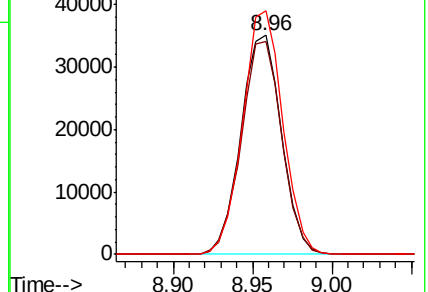
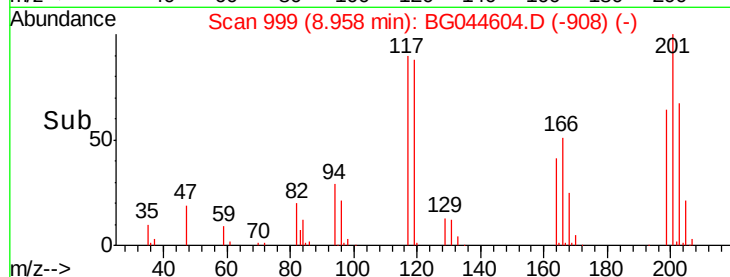


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 37.247 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion: 70 Resp: 124394

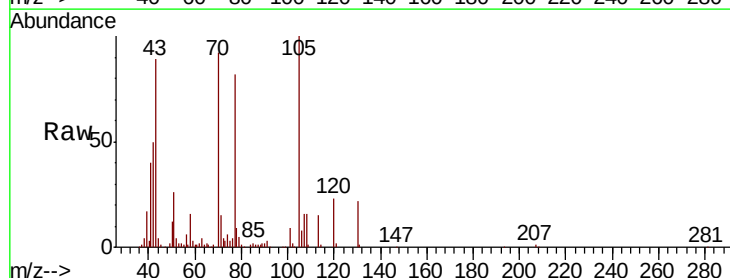
Ion Ratio Lower Upper

70 100

42 54.3 43.4 65.0

101 9.9 7.5 11.3

130 24.1 18.9 28.3



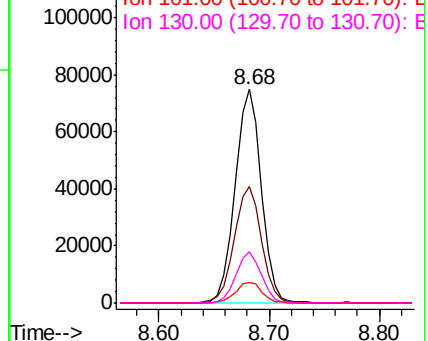
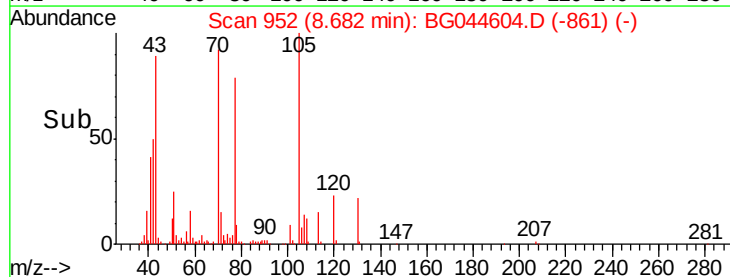
Abundance

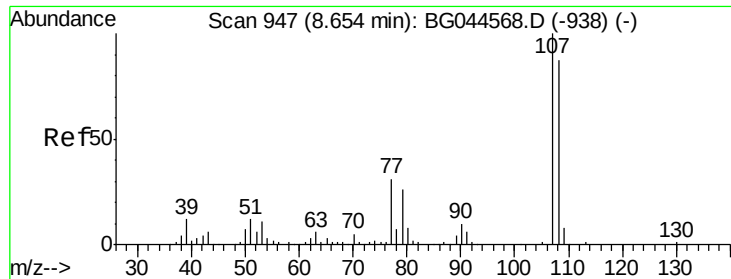
Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

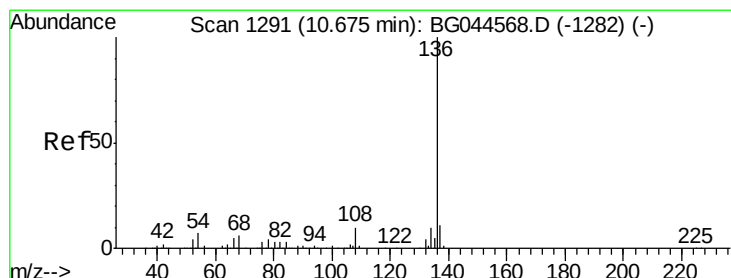
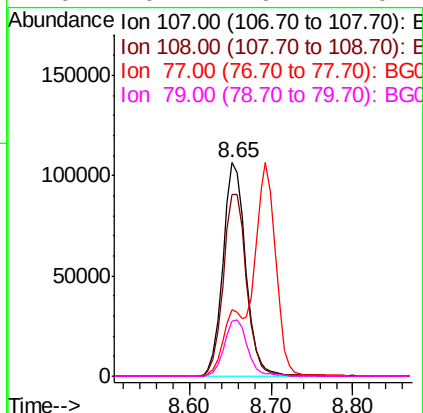
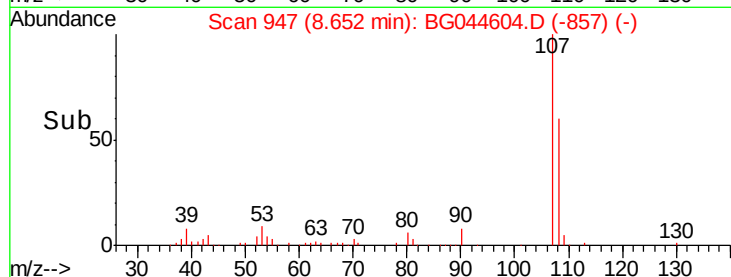
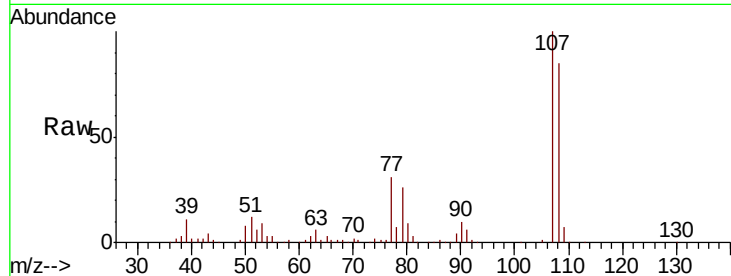




#20
3+4-Methylphenols
Concen: 41.961 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

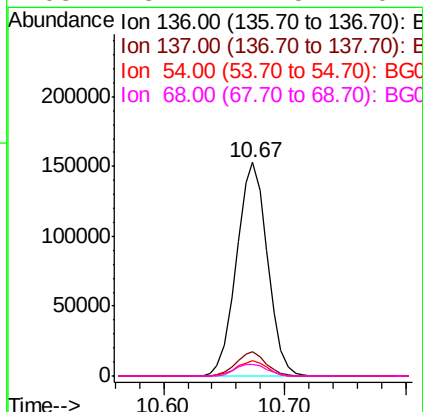
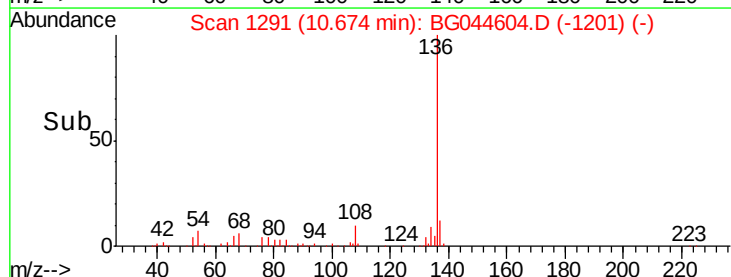
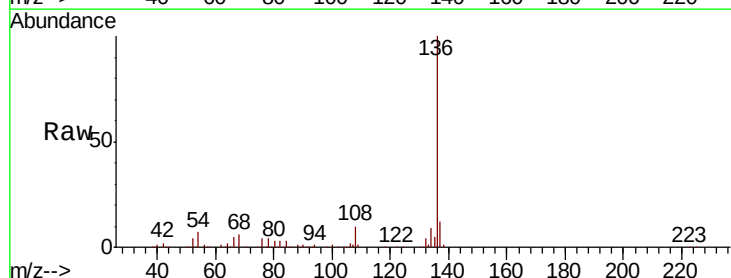
Instrument :
BNA_G
ClientSampleId :

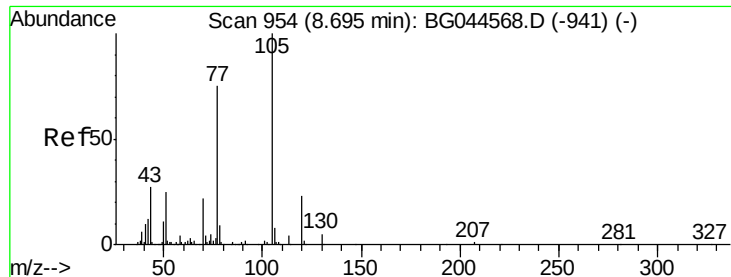
Tot Ion:	107	Resp:	206636
Ion	Ratio	Lower	Upper
107	100		
108	85.2	67.5	107.5
77	31.0	11.3	51.3
79	26.1	6.4	46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:	136	Resp:	271129
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.0	5.7	8.5
68	5.7	4.5	6.7

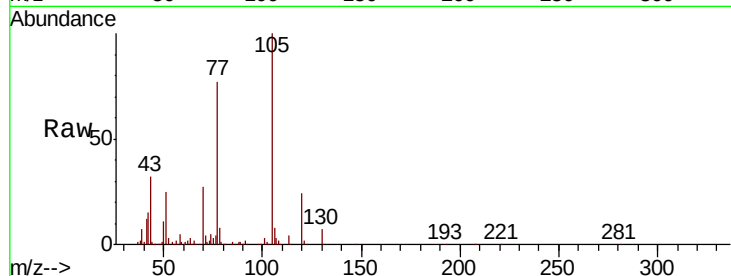




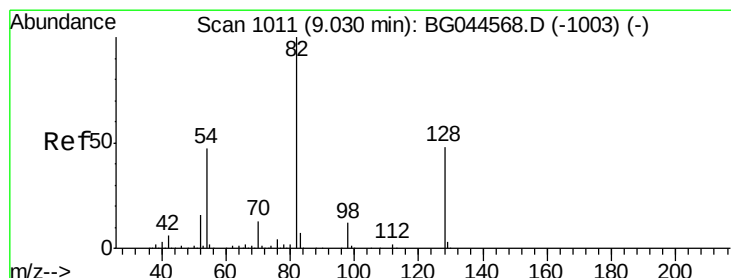
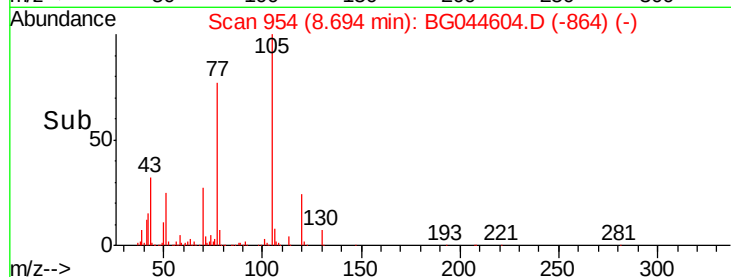
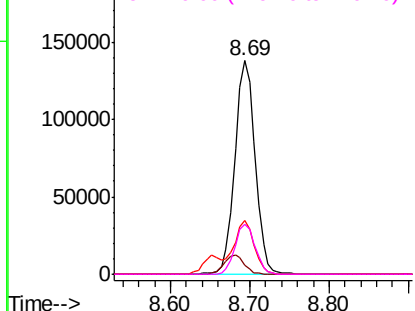
#22
Acetophenone
Concen: 36.003 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
105	100		
71	4.4	2.8	4.2#
51	25.3	19.9	29.9
120	23.5	18.6	28.0

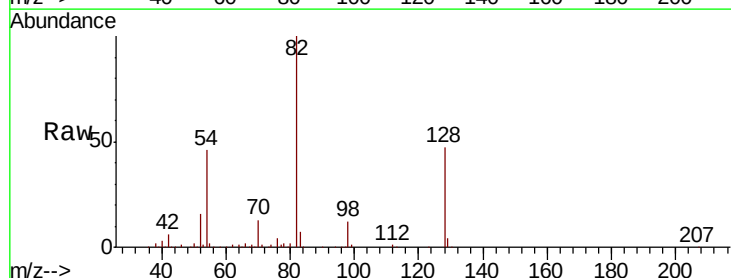


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

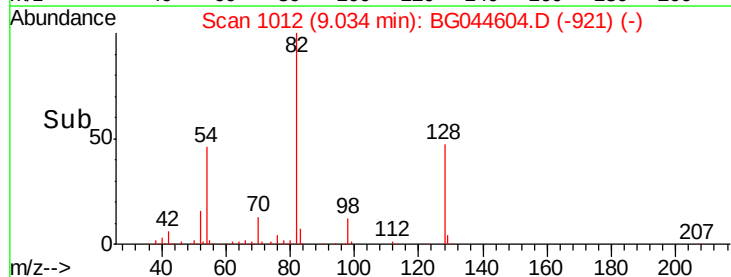
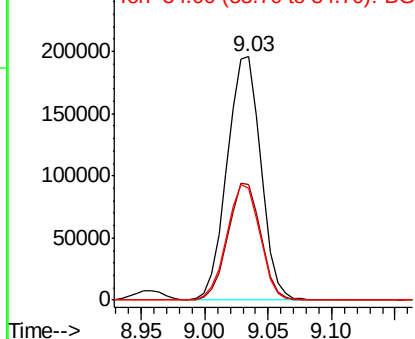


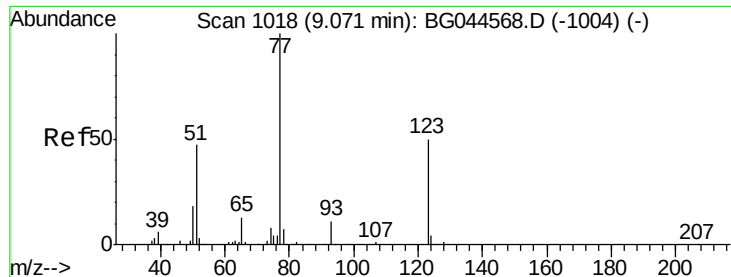
#23
Nitrobenzene-d5
Concen: 68.367 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.1	57.1
54	46.0	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

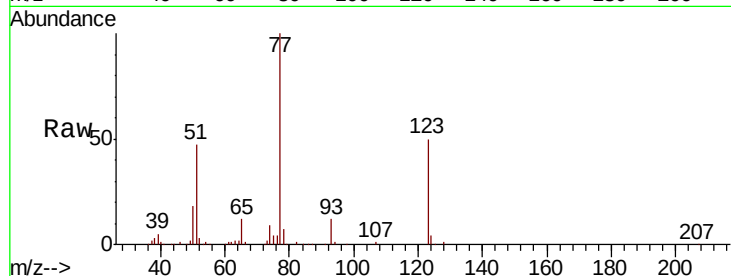




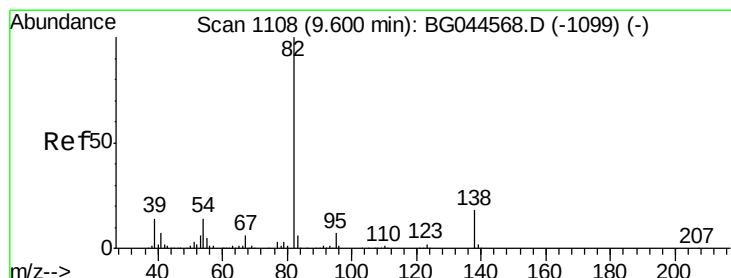
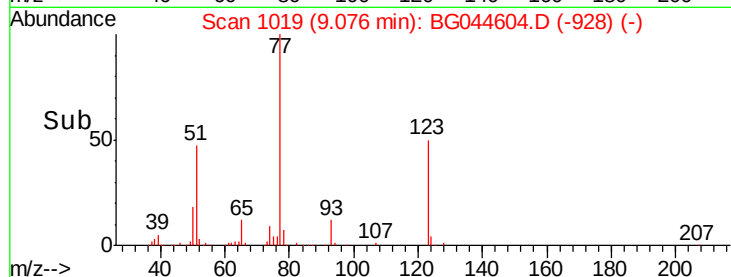
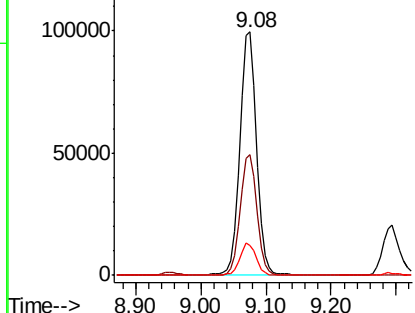
#24
Nitrobenzene
Concen: 34.749 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.1	60.1
65	12.1	10.4	15.6

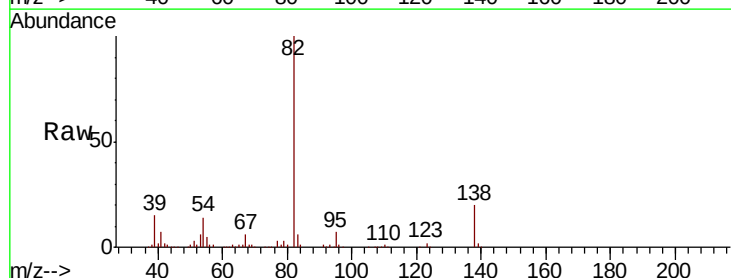


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

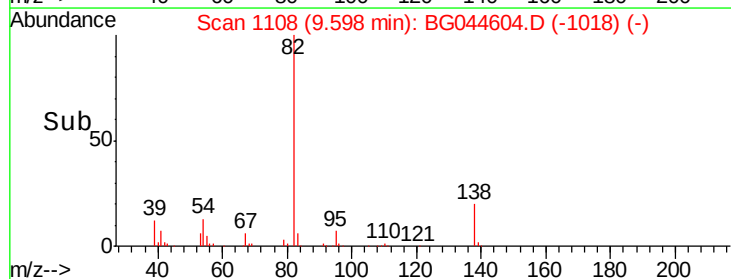
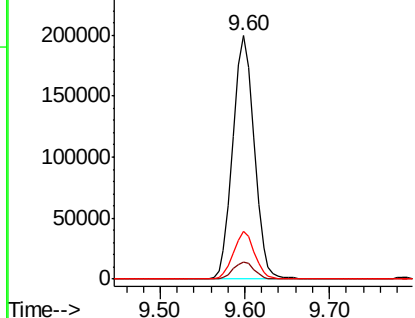


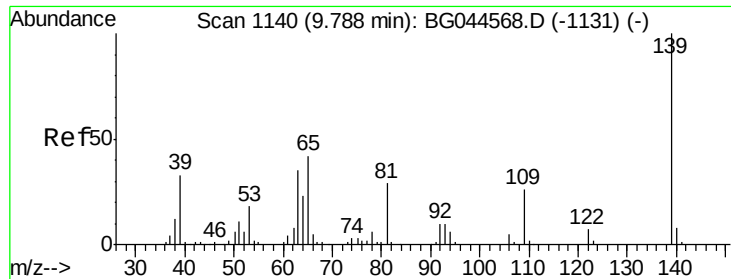
#25
Isophorone
Concen: 35.274 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.7	14.7	22.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

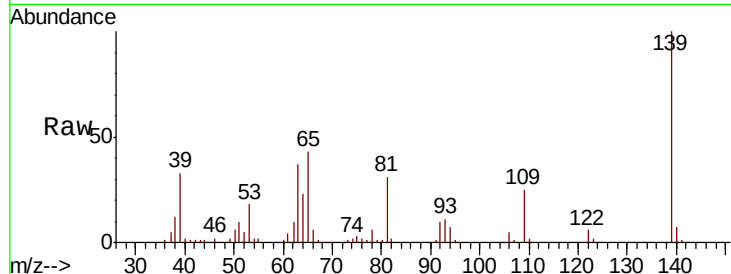




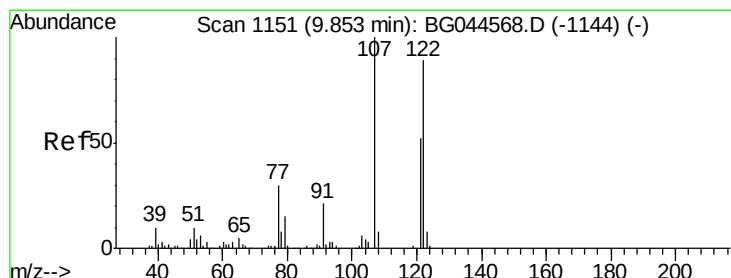
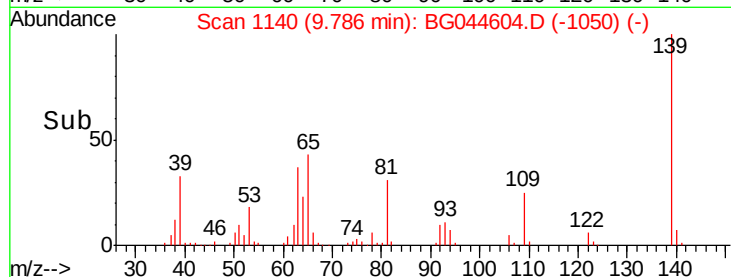
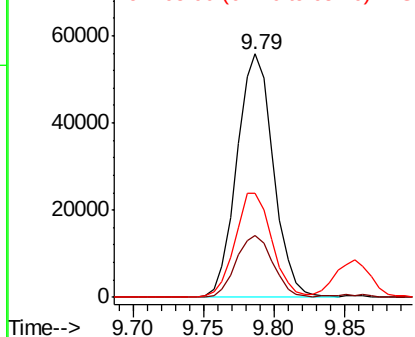
#26
2-Nitrophenol
Concen: 36.492 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	25.2	20.6	31.0
65	43.0	33.3	49.9

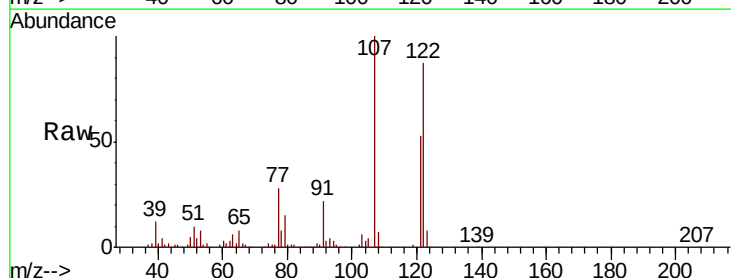


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

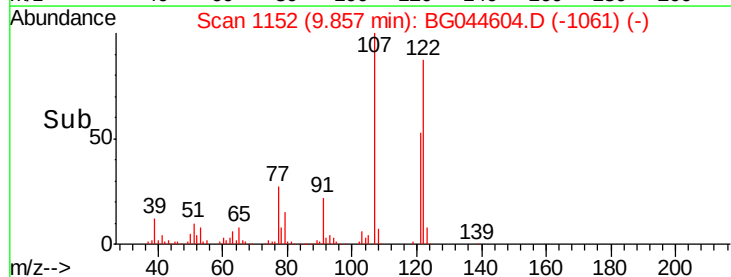
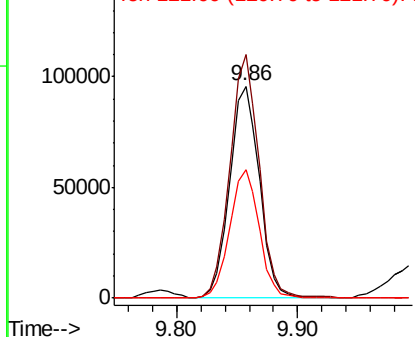


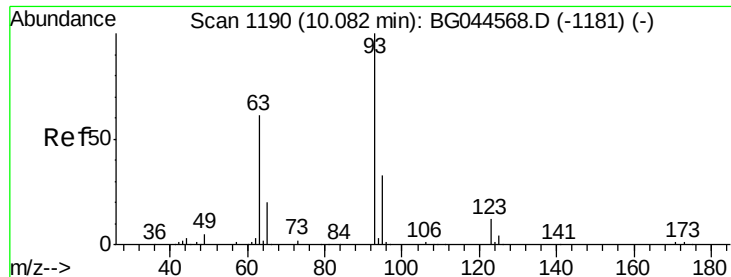
#27
2,4-Dimethylphenol
Concen: 42.025 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.8	89.4	134.0
121	60.4	46.5	69.7



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: 33.676 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

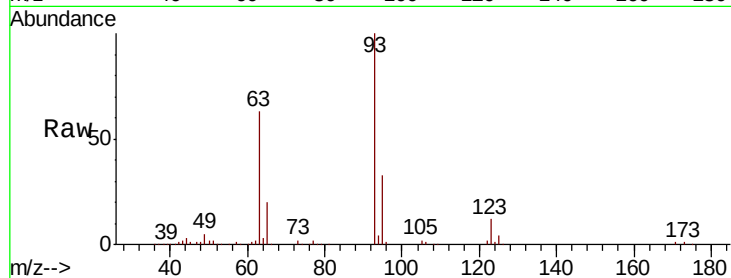
Tot Ion: 93 Resp: 219254

Ion Ratio Lower Upper

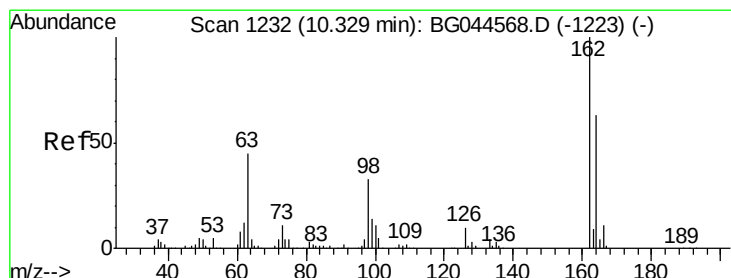
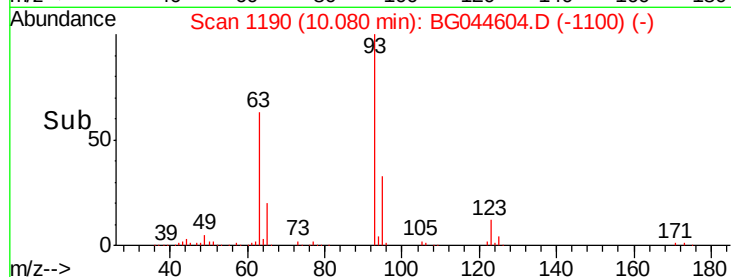
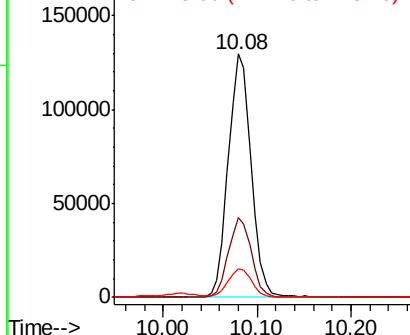
93 100

95 32.8 26.5 39.7

123 12.0 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): BGC



#29

2,4-Dichlorophenol

Concen: 38.180 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

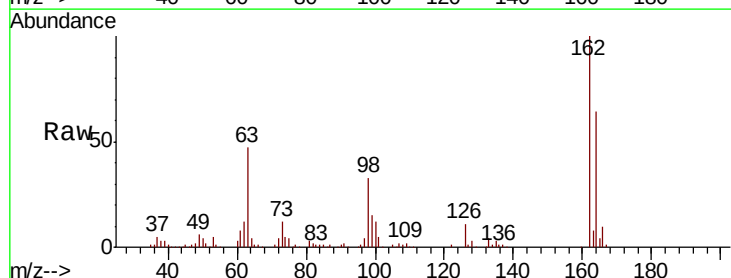
Tgt Ion: 162 Resp: 177220

Ion Ratio Lower Upper

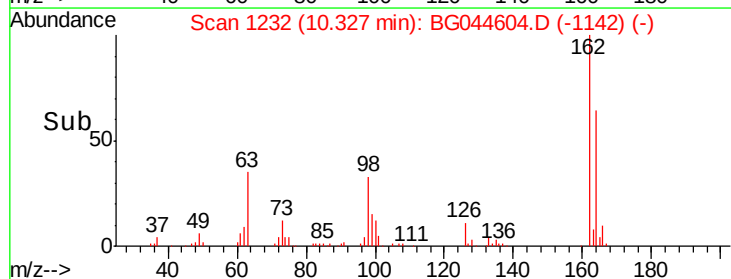
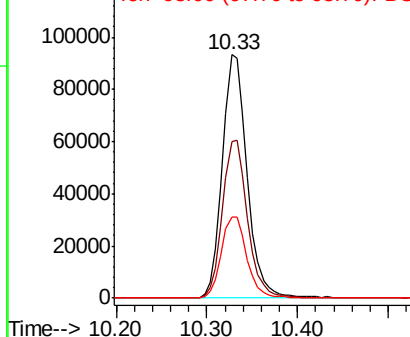
162 100

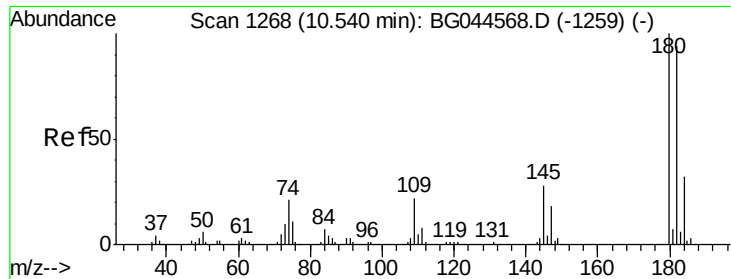
164 64.3 43.2 83.2

98 33.4 13.2 53.2



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

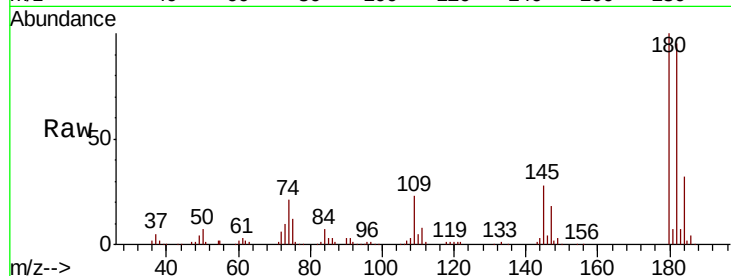




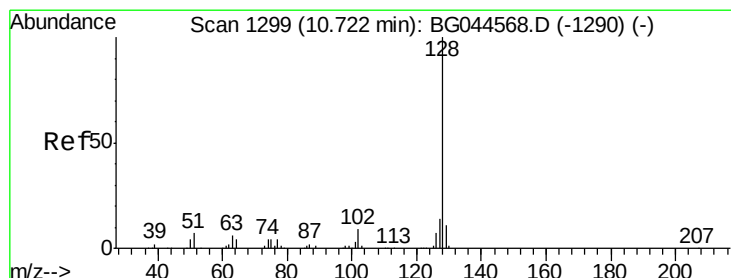
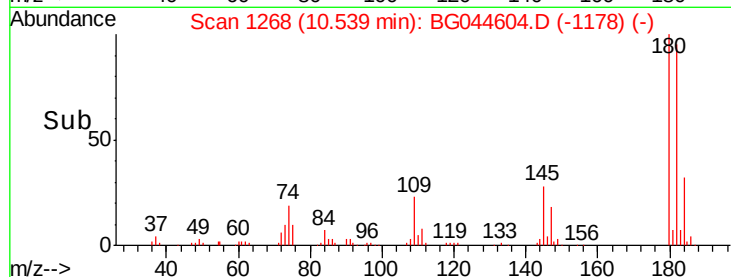
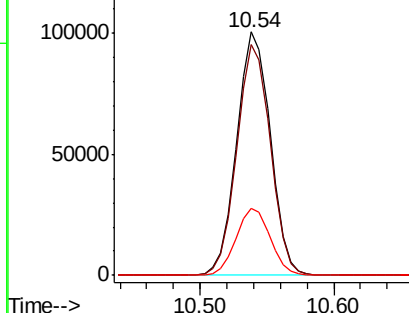
#30
 1,2,4-Trichlorobenzene
 Concen: 32.714 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 175615
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 145 27.5 22.2 33.2

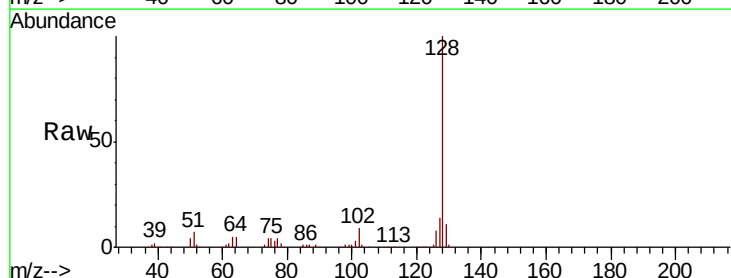


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

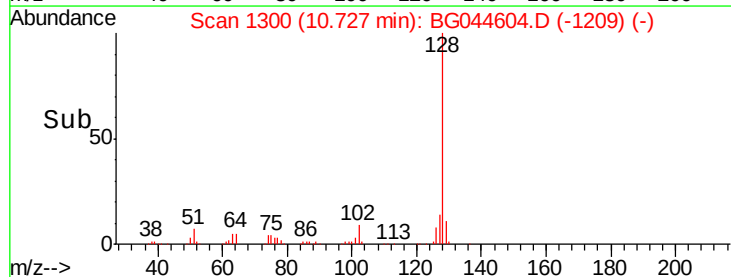
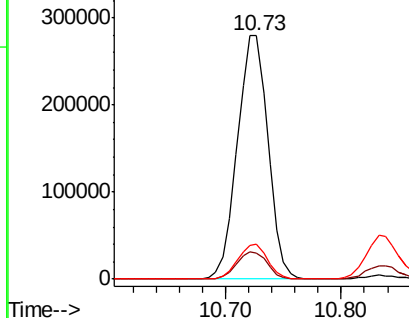


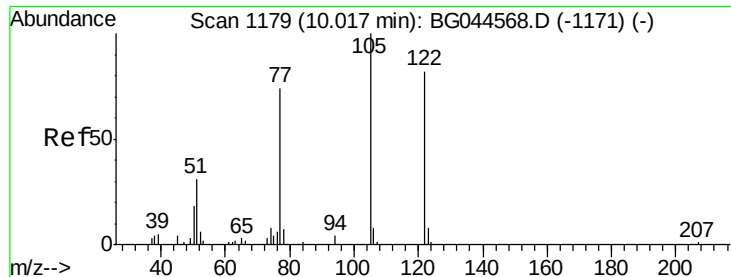
#31
 Naphthalene
 Concen: 34.885 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:128 Resp: 516111
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 14.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

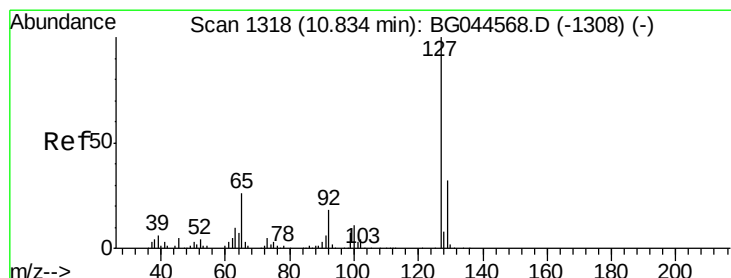
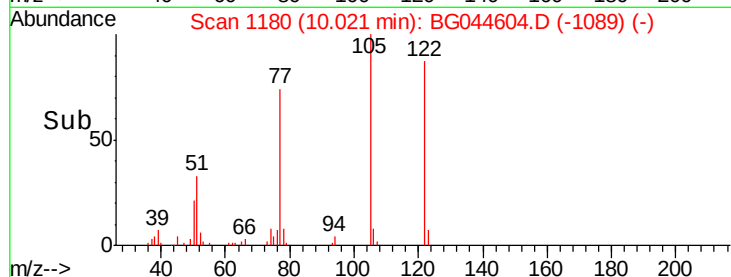
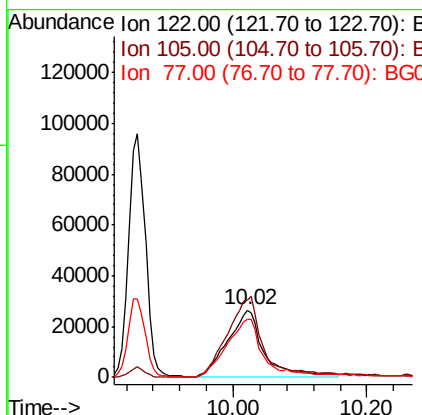
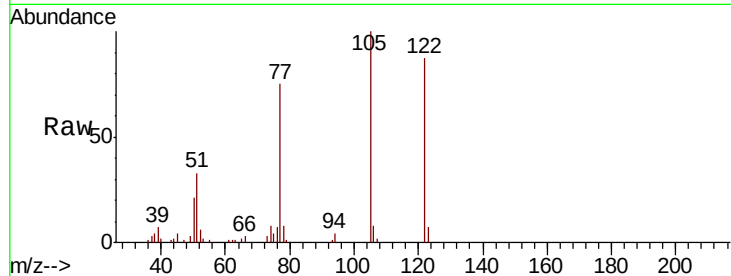




#32
Benzoic acid
Concen: 57.527 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

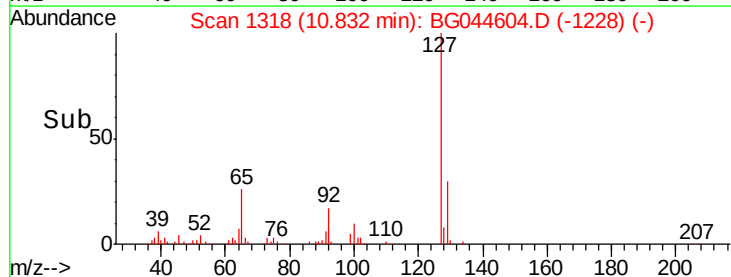
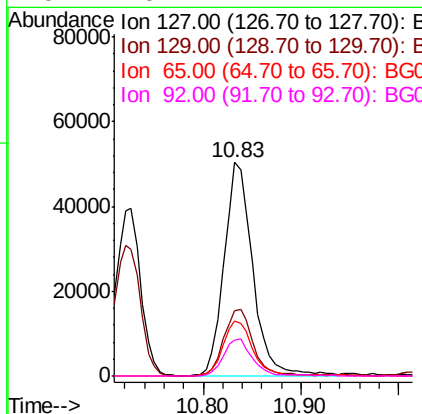
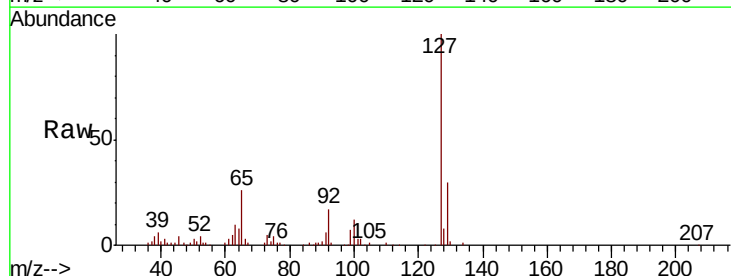
Instrument :
BNA_G
ClientSampleId :

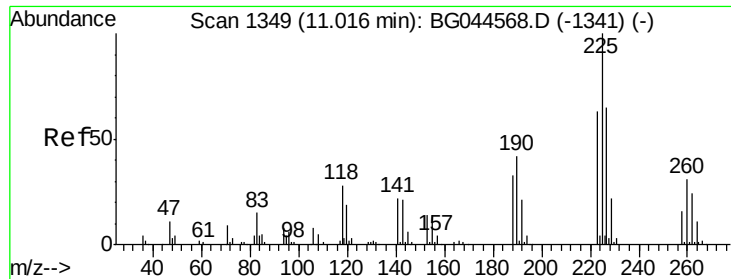
Tot Ion:122	Resp:	96843
Ion Ratio	Lower	Upper
122	100	
105	115.2	101.4 141.4
77	86.2	69.8 109.8



#33
4-Chloroaniline
Concen: 15.800 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:127	Resp:	102955
Ion Ratio	Lower	Upper
127	100	
129	30.4	25.9 38.9
65	25.9	20.7 31.1
92	16.7	14.2 21.2

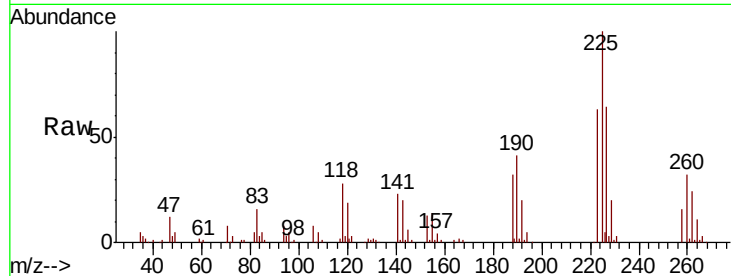




#34
Hexachlorobutadiene
Concen: 30.739 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.6	52.1	78.1

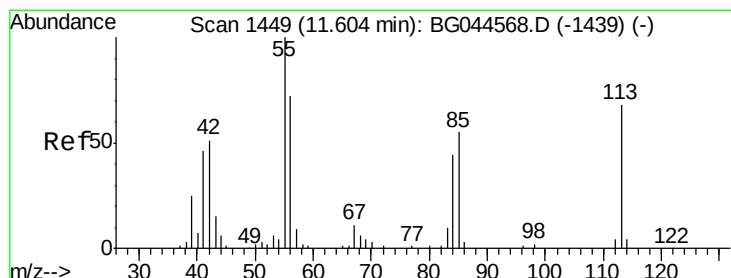
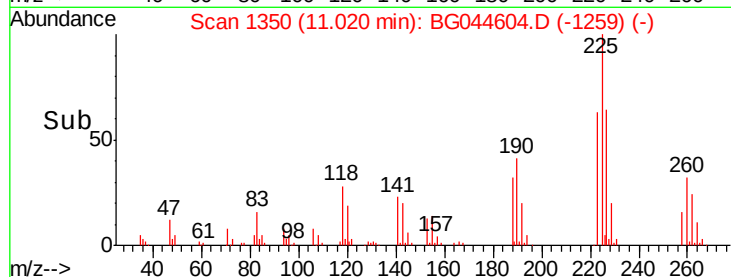
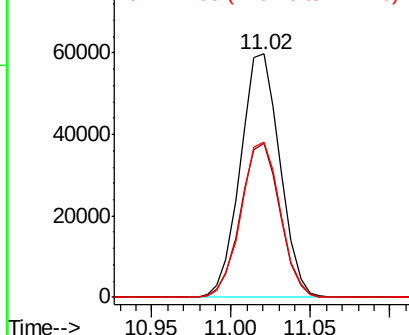


Abundance

Ion 225.00 (224.70 to 225.70): E

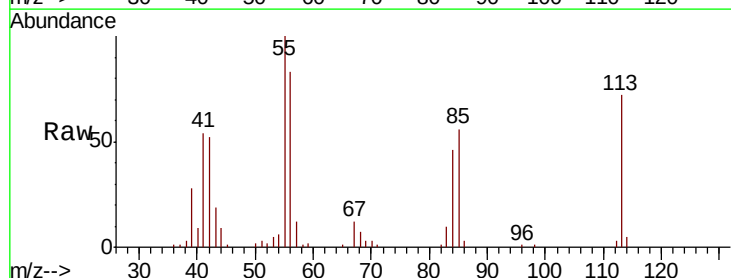
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 18.577 ng
RT: 11.60 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
55	139.5	127.8	167.8
56	115.2	86.9	126.9

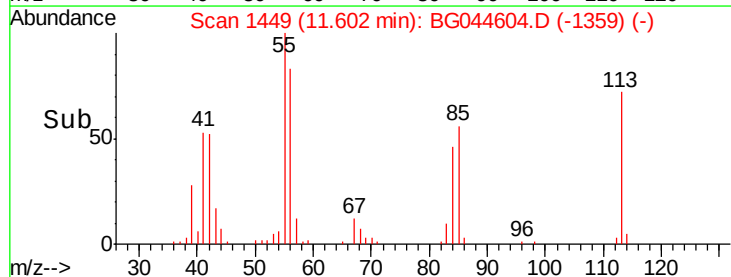
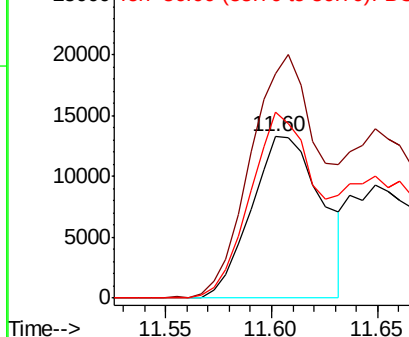


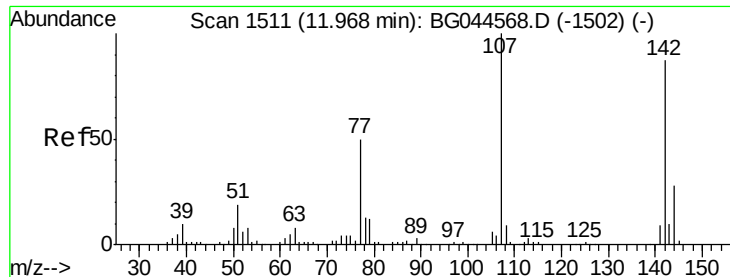
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

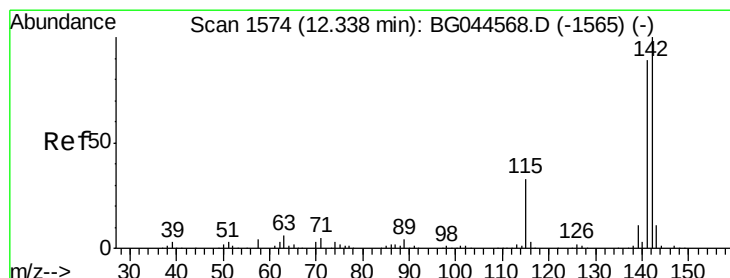
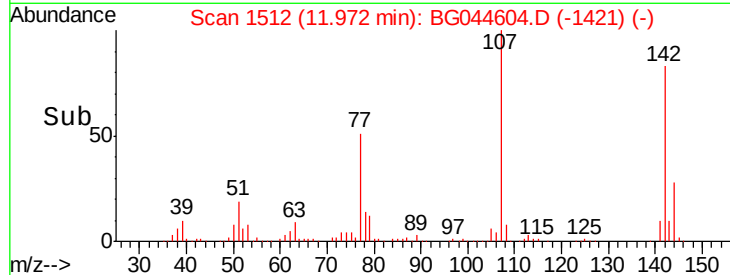
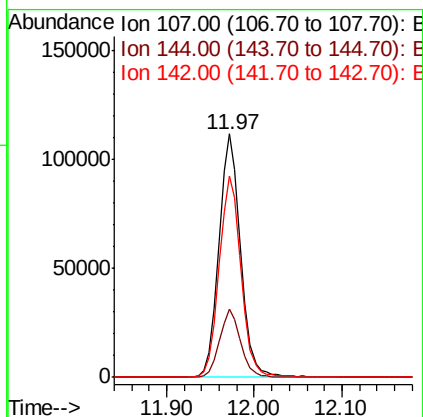
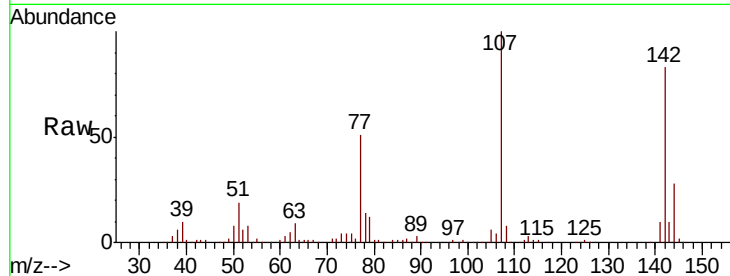




#36
 4-Chloro-3-methylphenol
 Concen: 40.212 ng
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

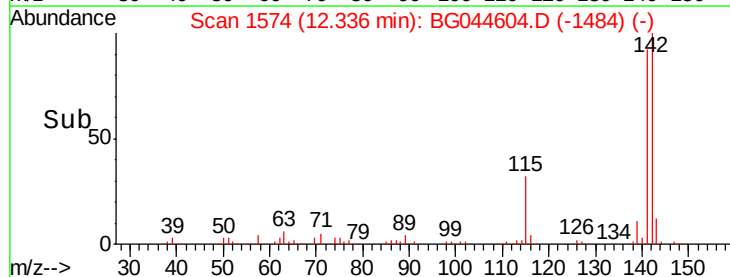
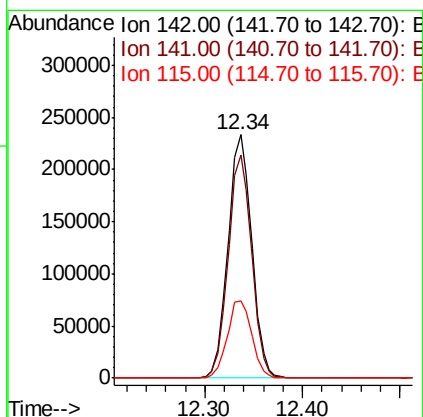
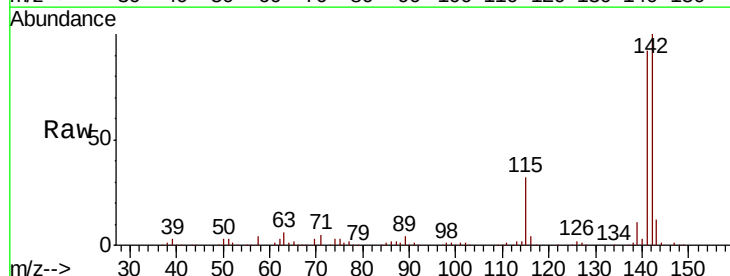
Instrument :
 BNA_G
 ClientSampled :

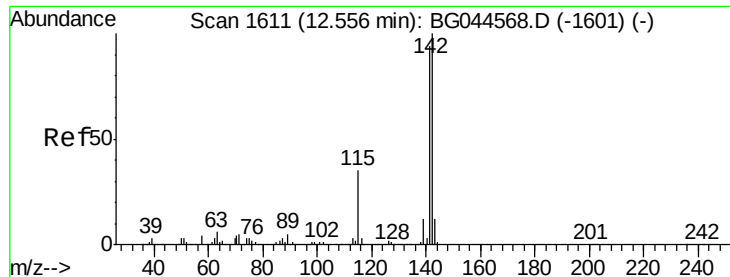
Tot Ion:107 Resp: 192131
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.3 33.5
 142 82.8 69.3 103.9



#37
 2-Methylnaphthalene
 Concen: 35.891 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:142 Resp: 392431
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.3 106.9
 115 31.9 26.2 39.2

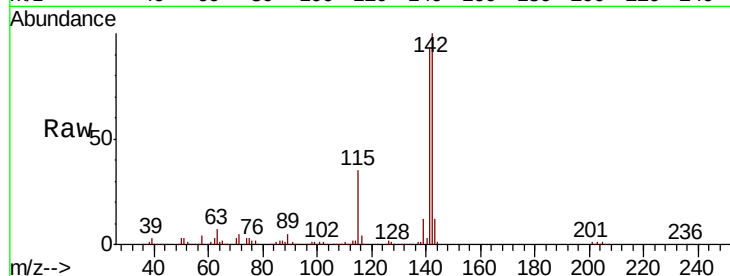




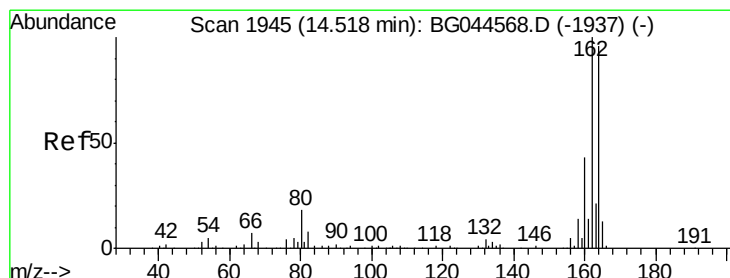
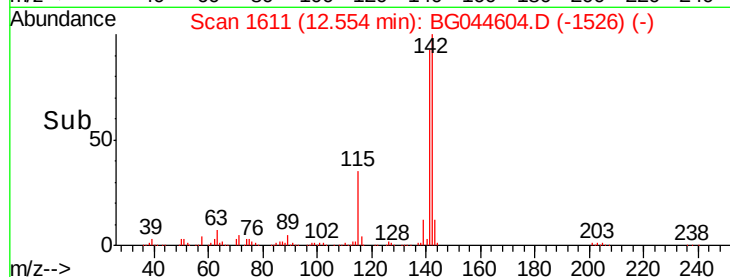
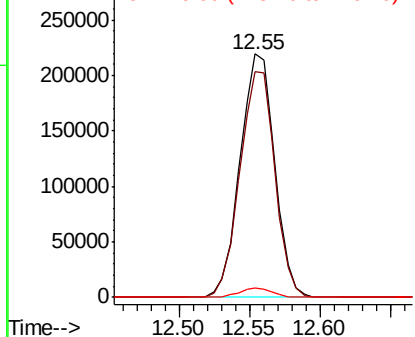
#38
1-Methylnaphthalene
Concen: 36.177 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 375861
Ion Ratio Lower Upper
142 100
141 92.7 75.1 112.7
116 3.6 2.6 4.0

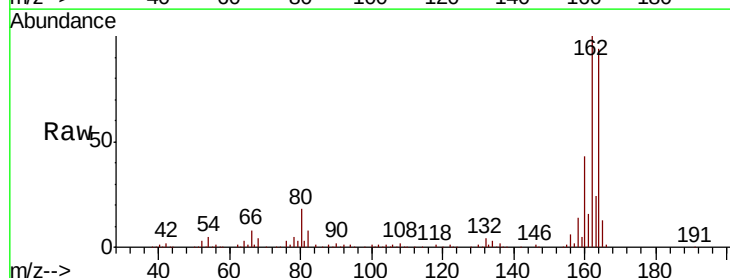


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

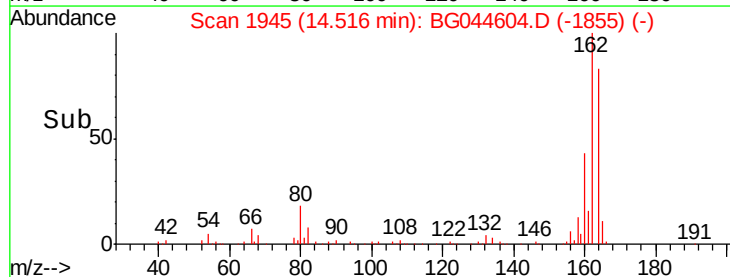
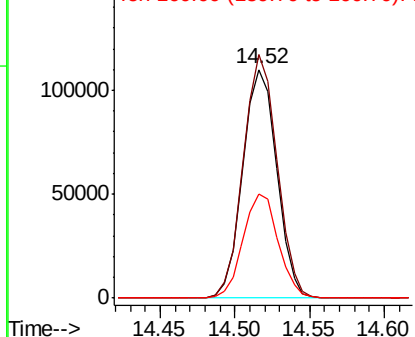


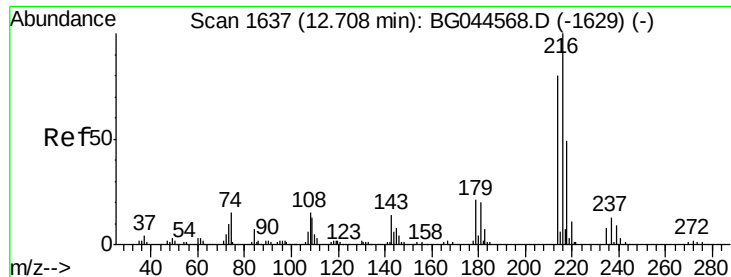
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:164 Resp: 173422
Ion Ratio Lower Upper
164 100
162 106.5 83.6 125.4
160 45.6 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.210 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 205568

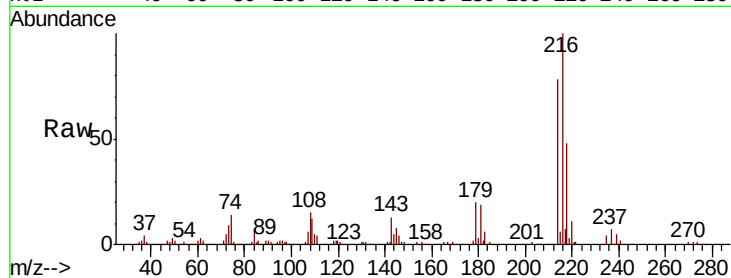
Ion Ratio Lower Upper

216 100

214 78.7 63.3 94.9

179 20.3 16.2 24.2

108 16.3 12.6 18.8

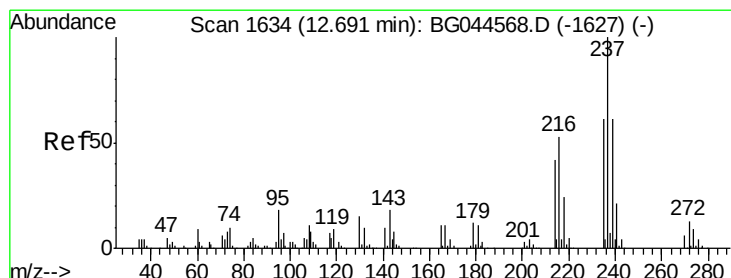
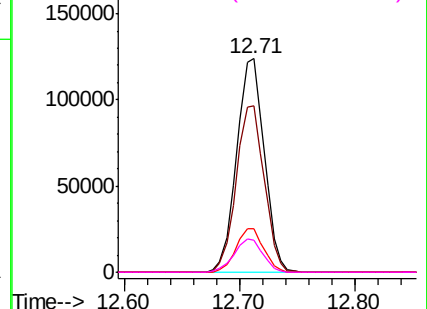
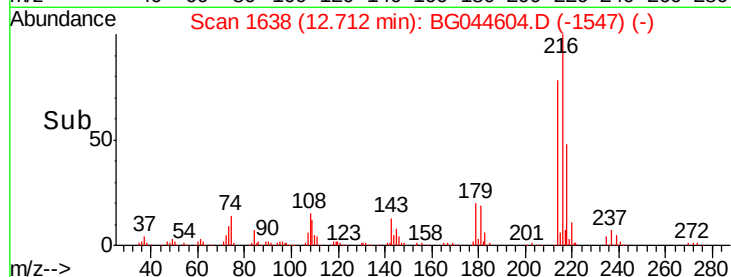


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.991 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

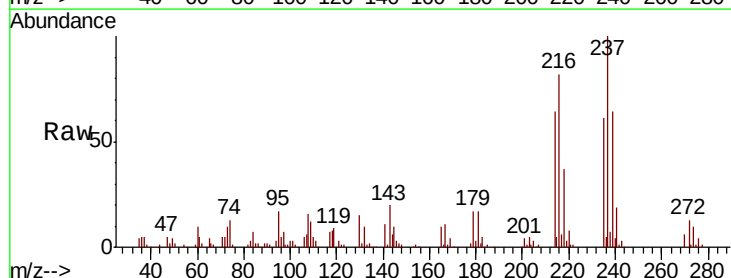
Tgt Ion:237 Resp: 94764

Ion Ratio Lower Upper

237 100

235 60.6 40.7 80.7

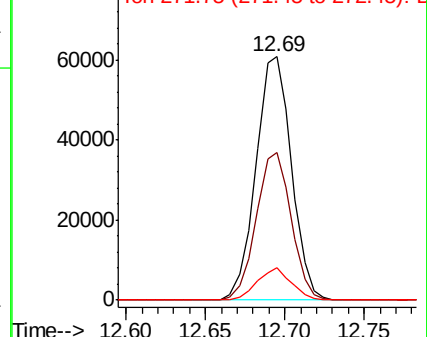
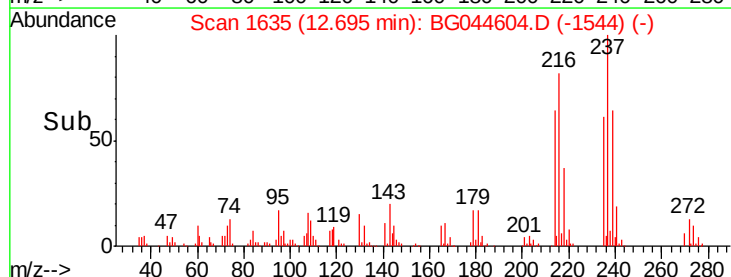
272 13.4 0.0 32.7

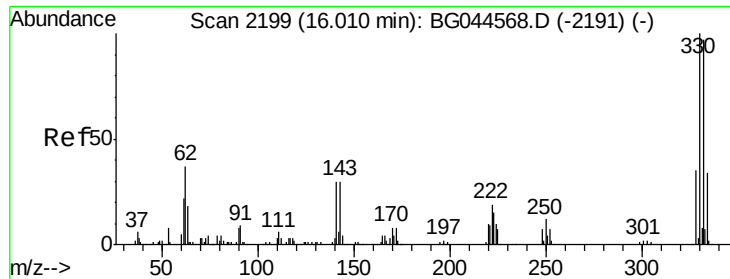


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

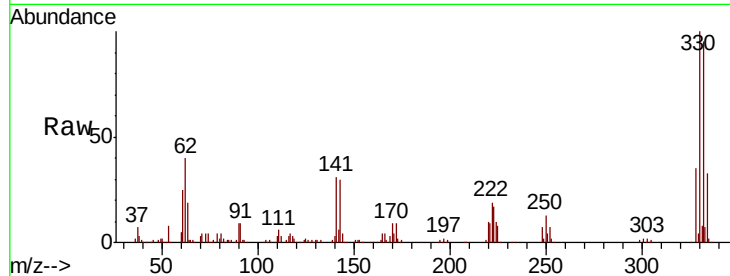




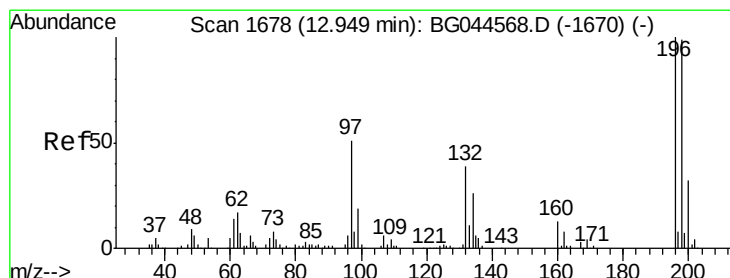
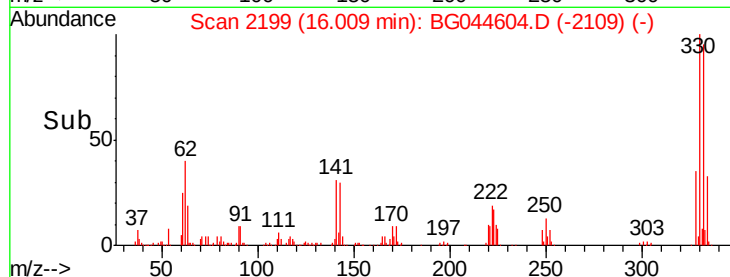
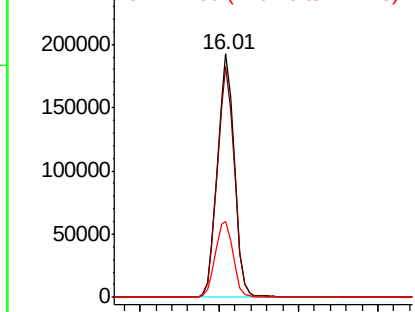
#42
 2,4,6-Tribromophenol
 Concen: 116.067 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 285407
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 32.9 26.1 39.1

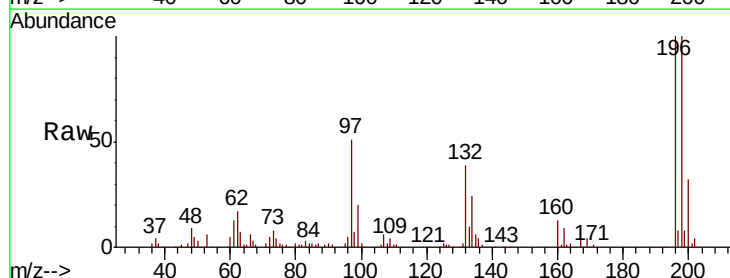


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

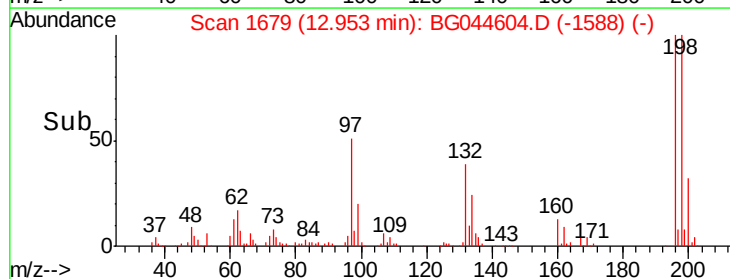
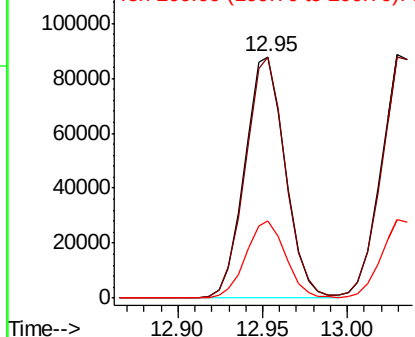


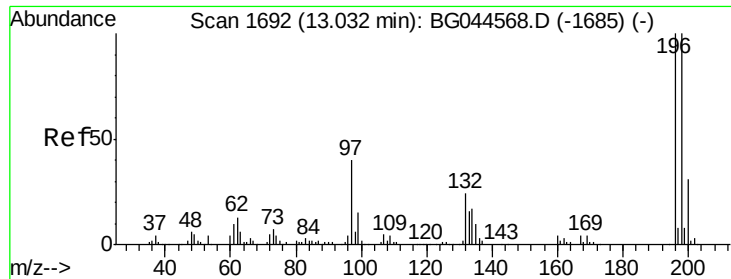
#43
 2,4,6-Trichlorophenol
 Concen: 38.499 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:196 Resp: 145942
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.2 118.8
 200 31.9 25.7 38.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

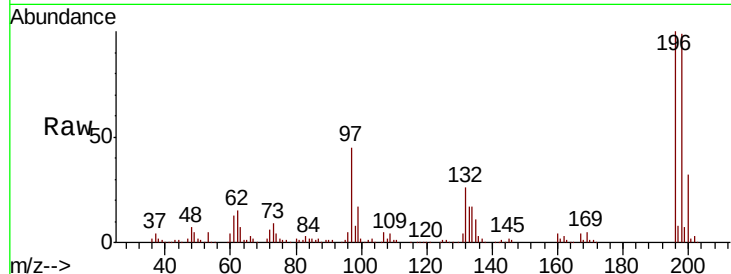




#44
2,4,5-Trichlorophenol
Concen: 40.711 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.3	118.9
97	45.4	32.3	48.5
132	25.8	19.1	28.7



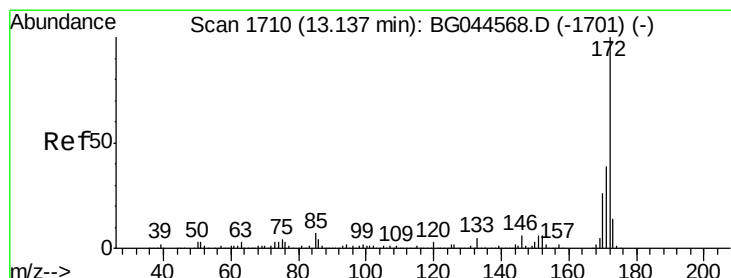
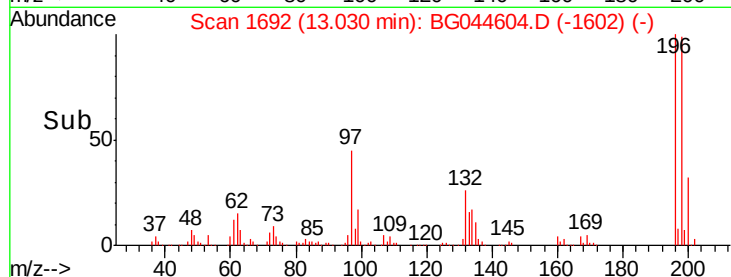
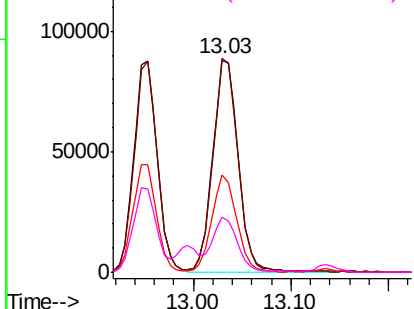
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

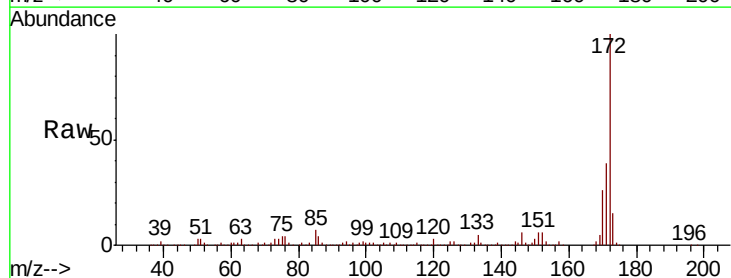
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 71.999 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.9	21.0	31.4

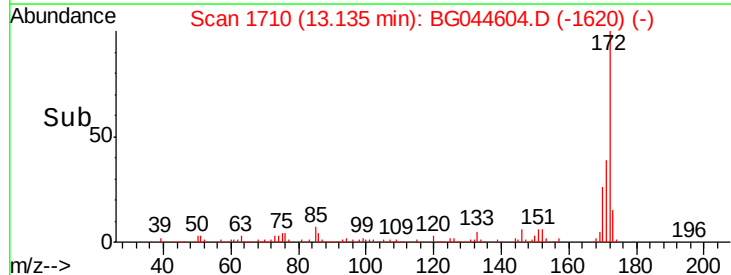
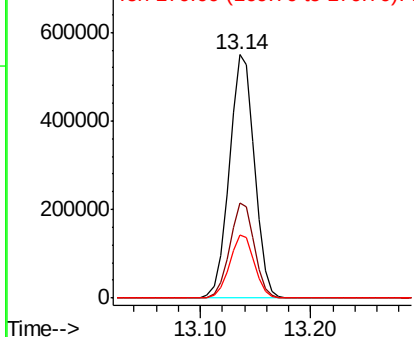


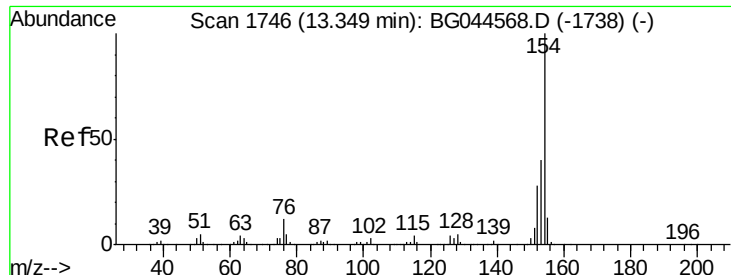
Abundance

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

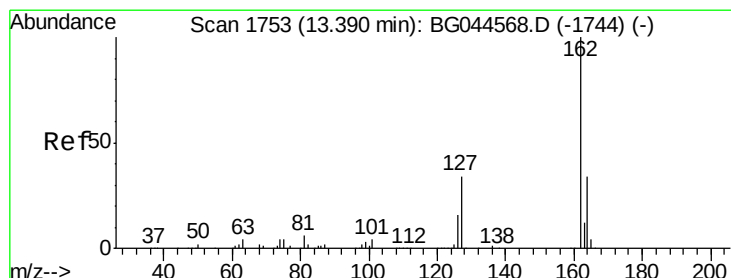
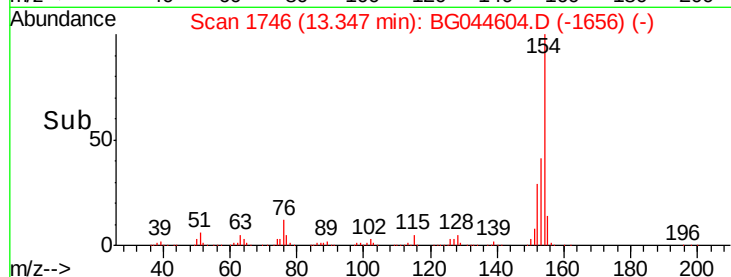
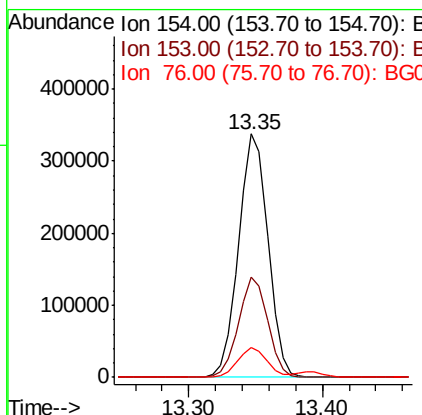
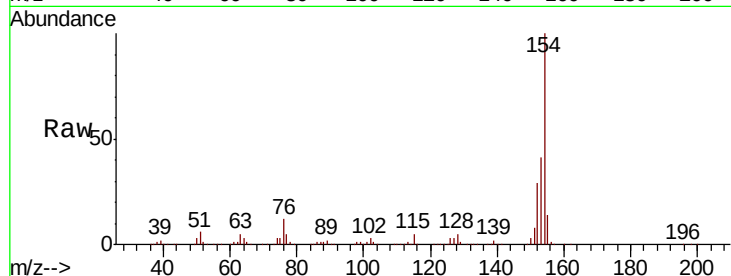




#46
 1,1'-Biphenyl
 Concen: 35.714 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

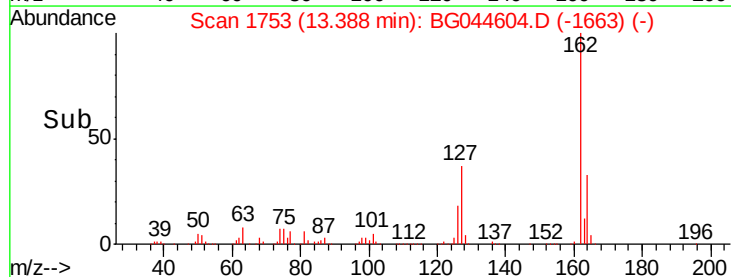
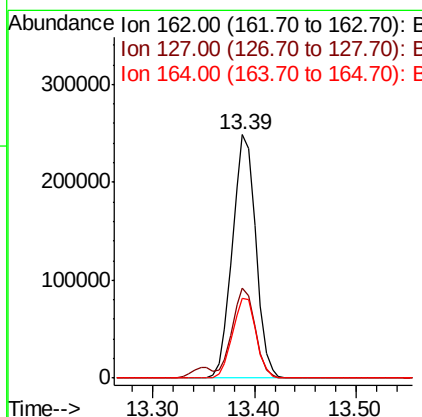
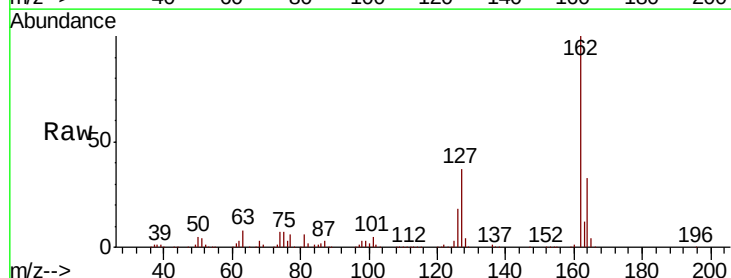
Instrument :
 BNA_G
 ClientSampleId :

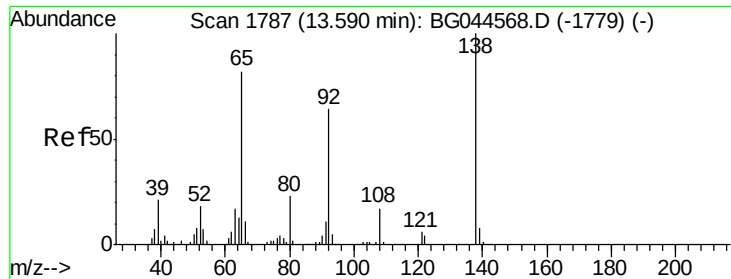
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.4	0.0	31.8



#47
 2-Chloronaphthalene
 Concen: 35.502 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	28.7	43.1
164	33.0	27.3	40.9





#48

2-Nitroaniline

Concen: 37.941 ng

RT: 13.59 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

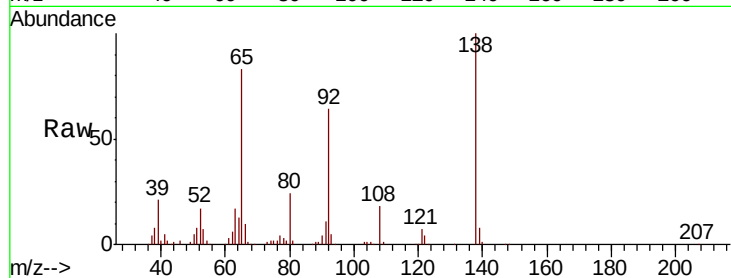
Tot Ion: 65 Resp: 118525

Ion Ratio Lower Upper

65 100

92 76.4 62.2 93.2

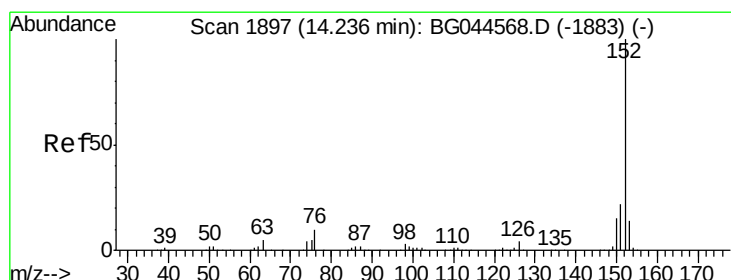
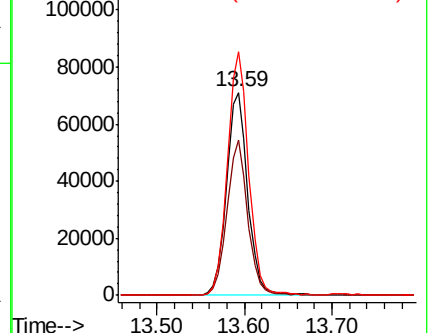
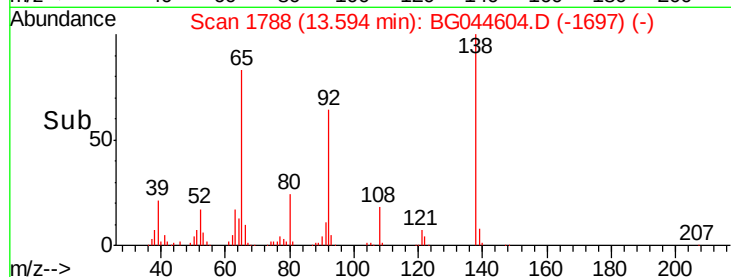
138 120.0 97.6 146.4



Abundance Ion 65.00 (64.70 to 65.70): BG044604.D (-1697) (-)

Ion 92.00 (91.70 to 92.70): BG044604.D (-1697) (-)

Ion 138.00 (137.70 to 138.70): BG044604.D (-1697) (-)



#49

Acenaphthylene

Concen: 37.735 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

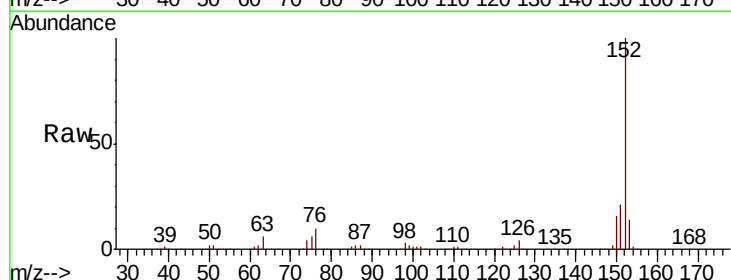
Tgt Ion: 152 Resp: 626853

Ion Ratio Lower Upper

152 100

151 21.3 17.7 26.5

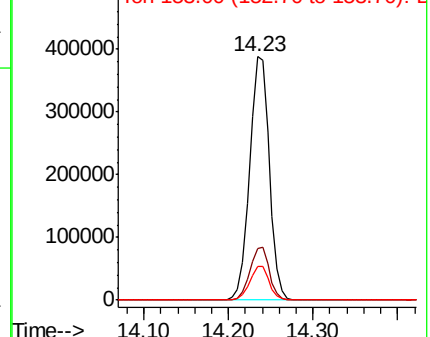
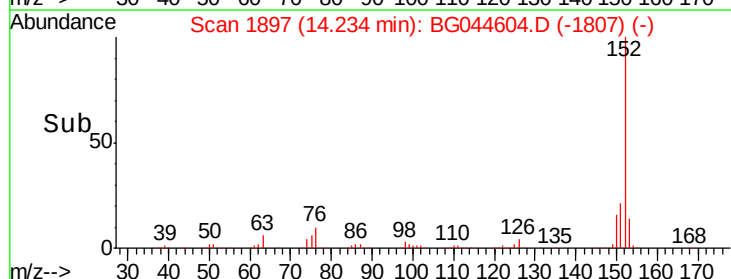
153 13.8 11.3 16.9

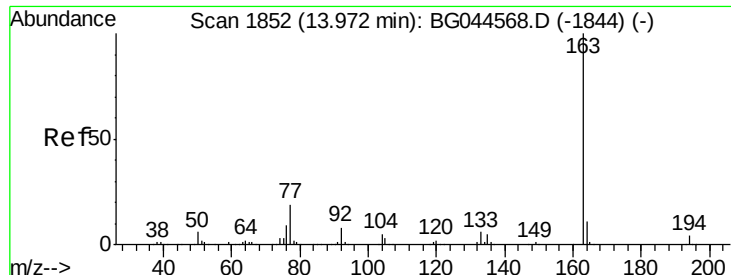


Abundance Ion 152.00 (151.70 to 152.70): BG044604.D (-1807) (-)

Ion 151.00 (150.70 to 151.70): BG044604.D (-1807) (-)

Ion 153.00 (152.70 to 153.70): BG044604.D (-1807) (-)





#50

Dimethylphthalate

Concen: 37.540 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

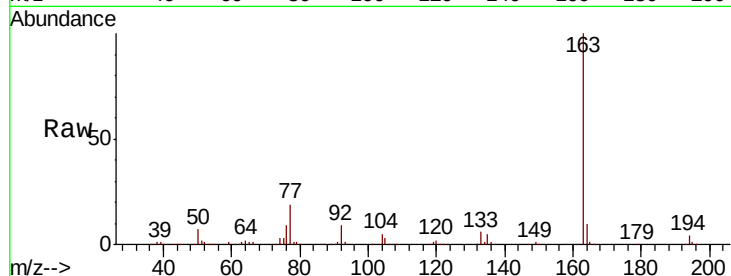
Tot Ion:163 Resp: 525469

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

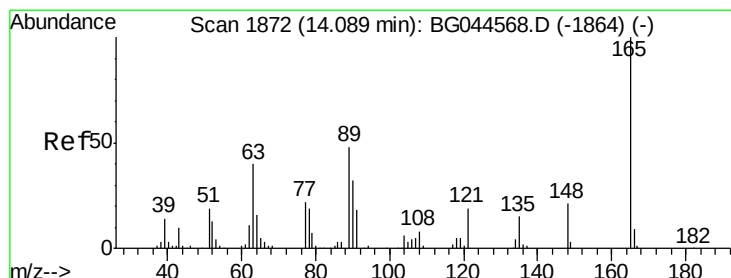
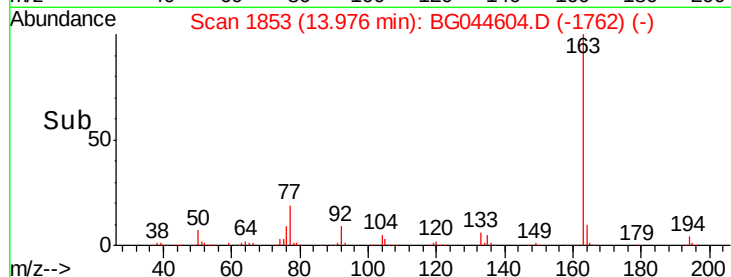
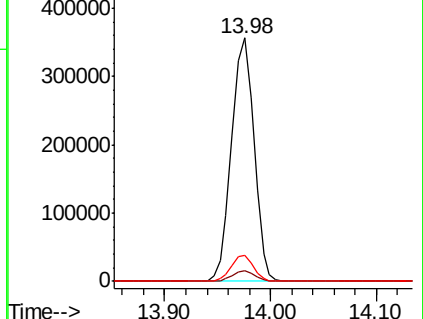
164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 39.408 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

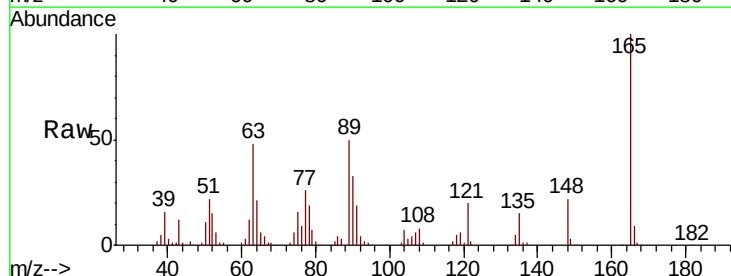
Tgt Ion:165 Resp: 121654

Ion Ratio Lower Upper

165 100

63 47.6 35.8 53.6

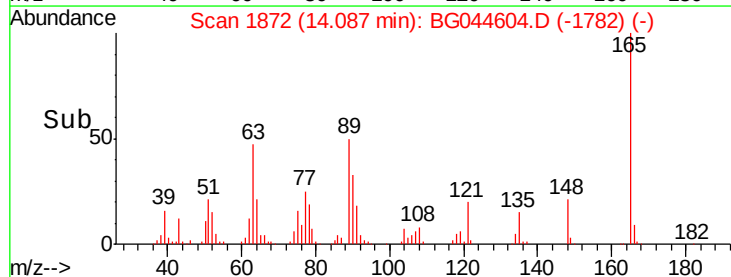
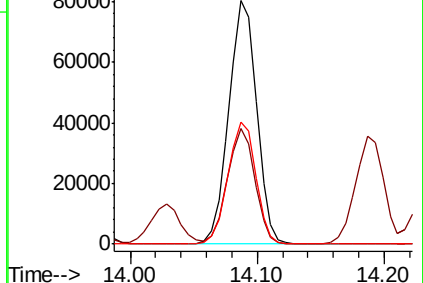
89 49.9 38.7 58.1

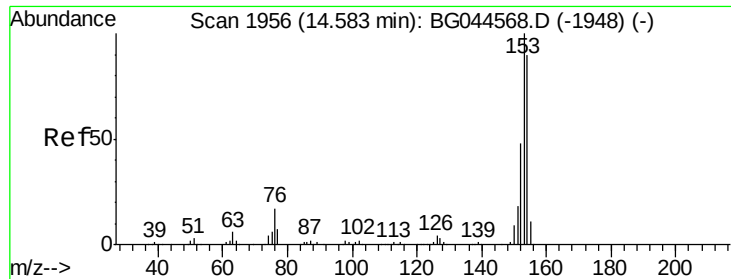


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 36.518 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

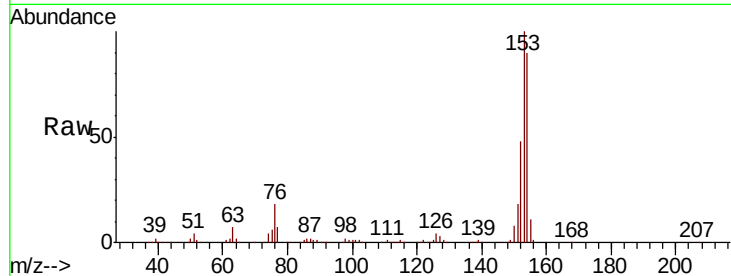
Tot Ion:154 Resp: 386704

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

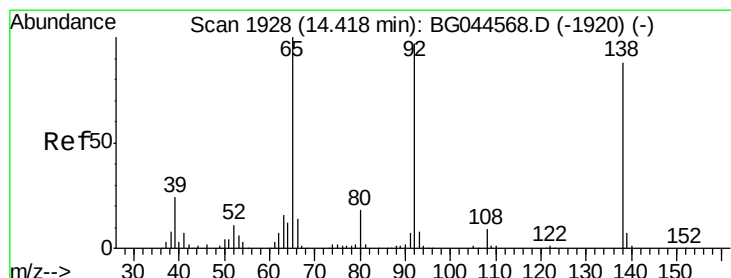
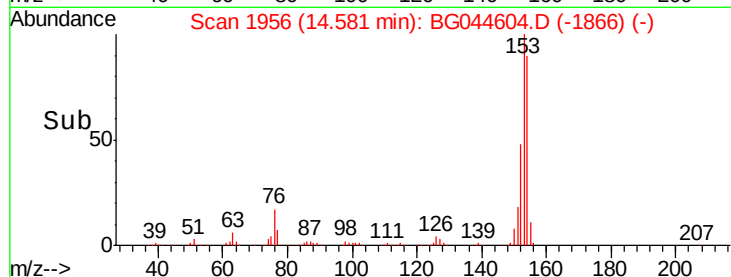
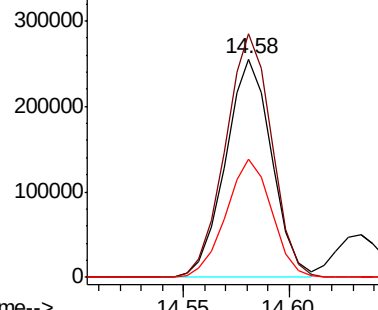
152 54.0 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.764 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

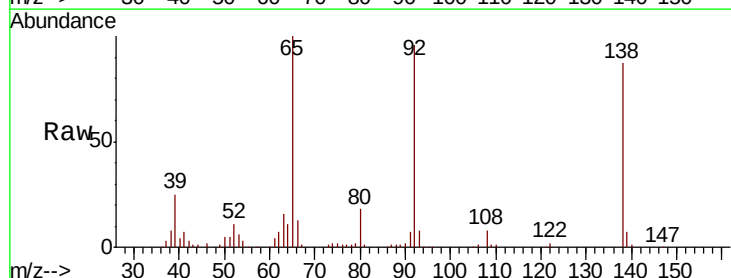
Tgt Ion:138 Resp: 89109

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

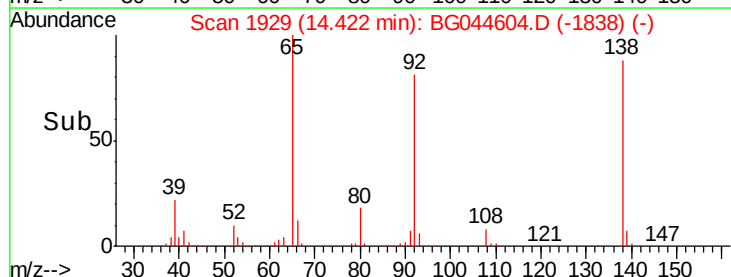
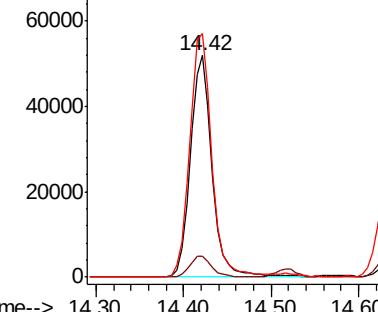
92 109.9 87.4 131.2

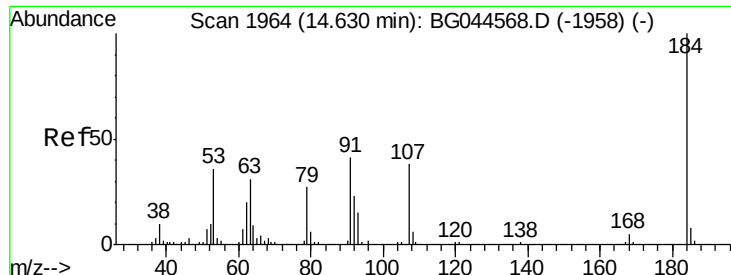


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

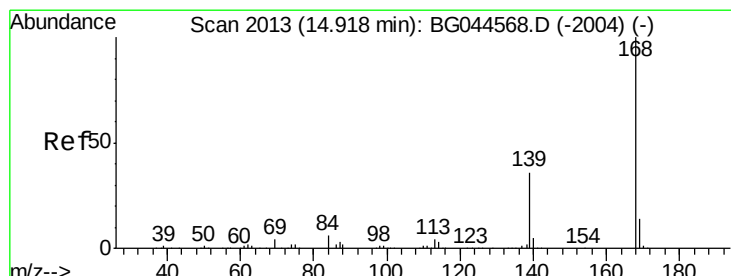
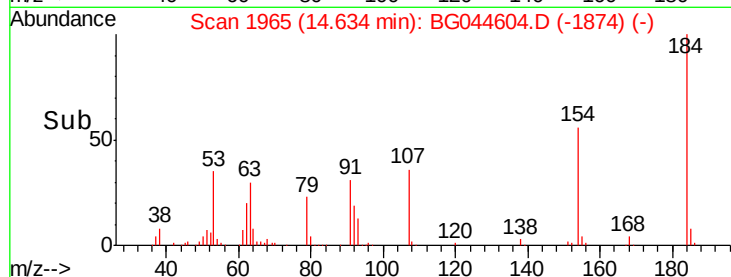
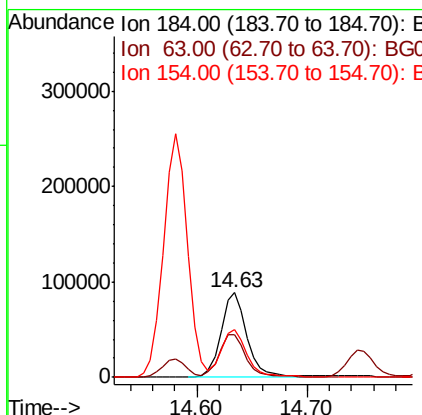
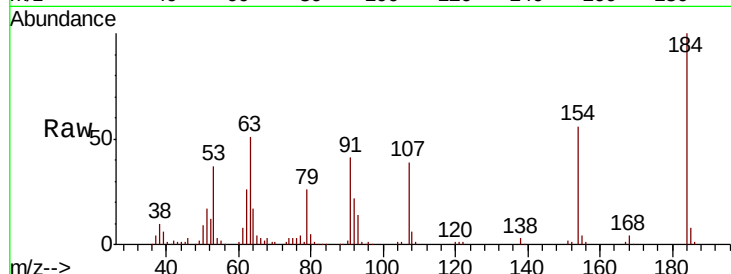




#54
 2,4-Dinitrophenol
 Concen: 80.357 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

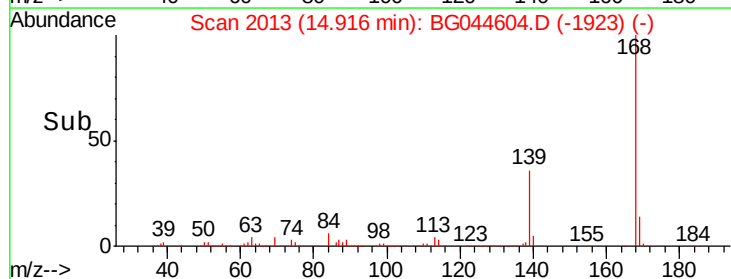
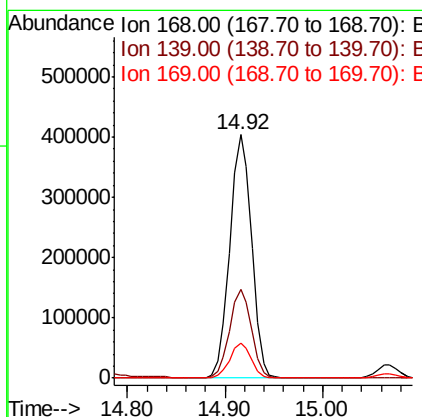
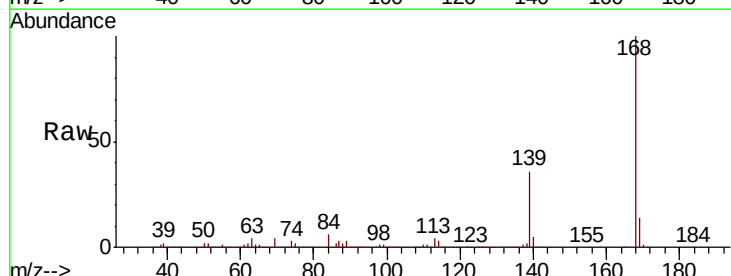
Instrument :
 BNA_G
 ClientSampleId :

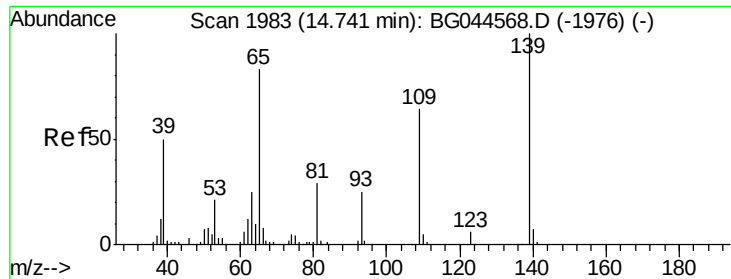
Tot Ion:184 Resp: 147886
 Ion Ratio Lower Upper
 184 100
 63 50.7 42.1 63.1
 154 56.4 43.4 65.2



#55
 Dibenzofuran
 Concen: 38.462 ng
 RT: 14.92 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:168 Resp: 624396
 Ion Ratio Lower Upper
 168 100
 139 36.4 29.2 43.8
 169 14.1 11.0 16.6





#56

4-Nitrophenol

Concen: 91.146 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

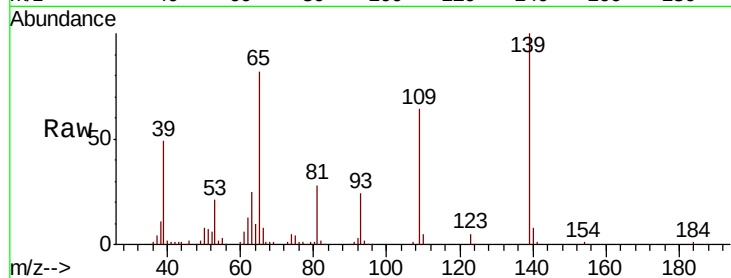
Tot Ion:139 Resp: 208739

Ion Ratio Lower Upper

139 100

109 64.4 43.8 83.8

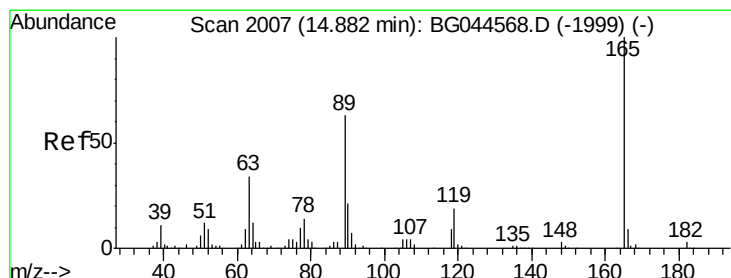
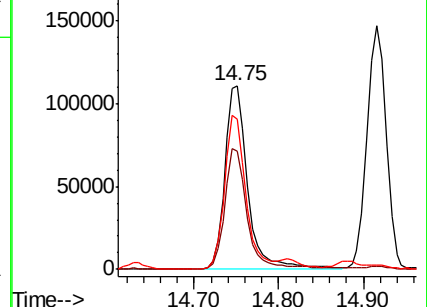
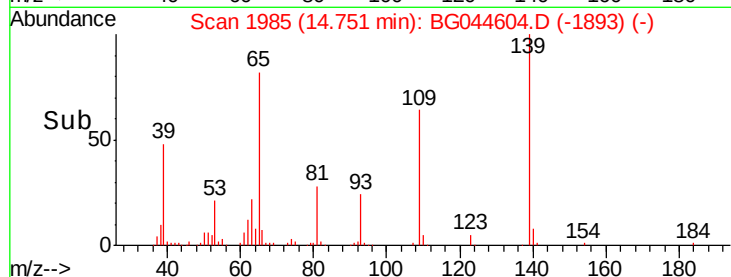
65 82.1 63.6 103.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 40.251 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:165 Resp: 174698

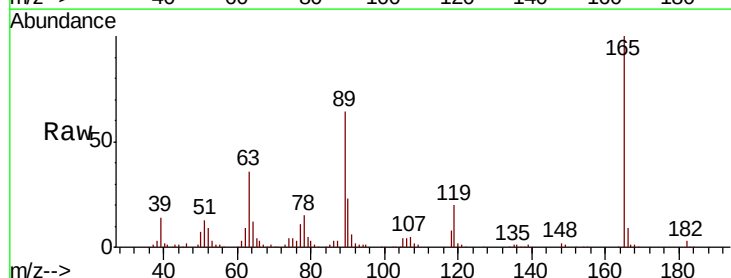
Ion Ratio Lower Upper

165 100

63 36.1 27.5 41.3

89 64.1 50.0 75.0

182 2.6 2.3 3.5

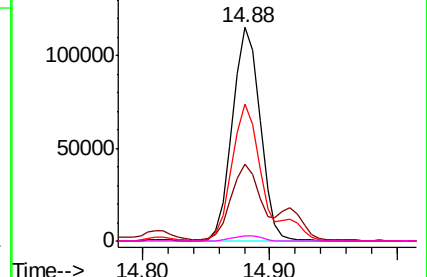
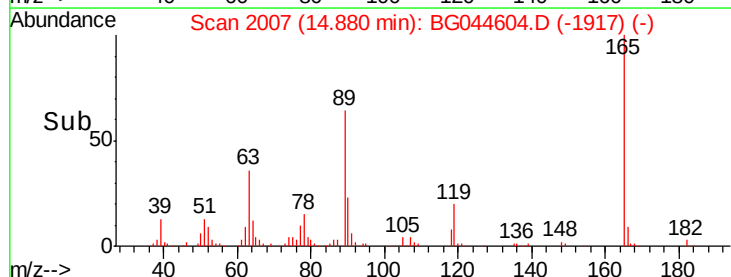


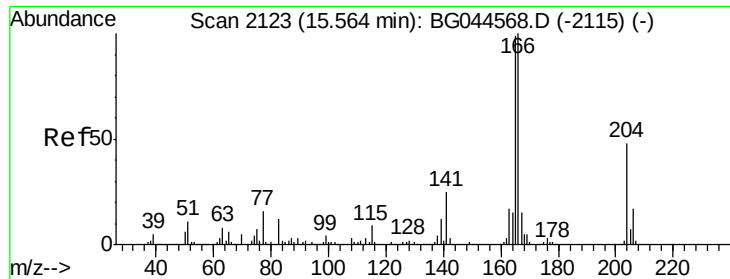
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

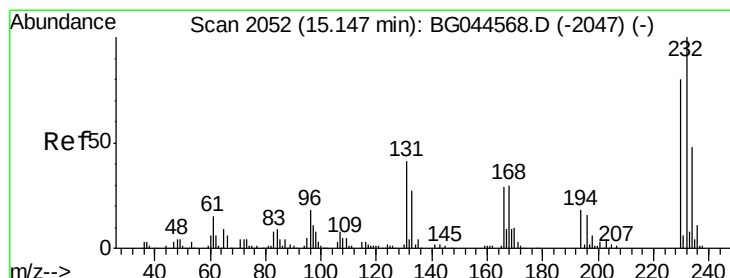
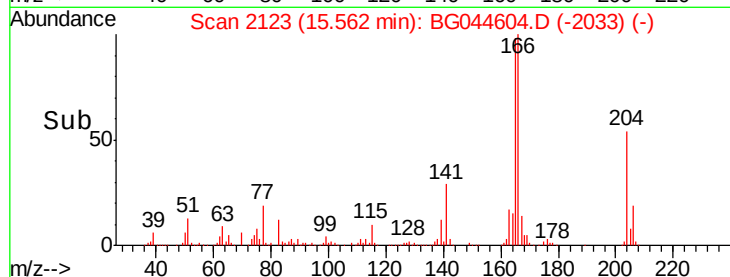
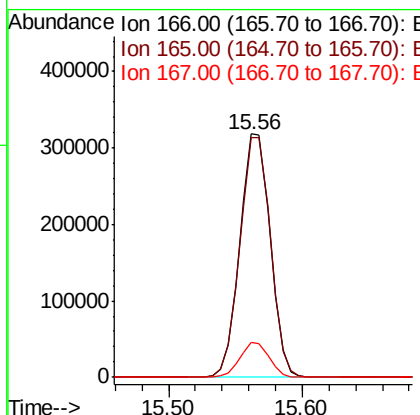
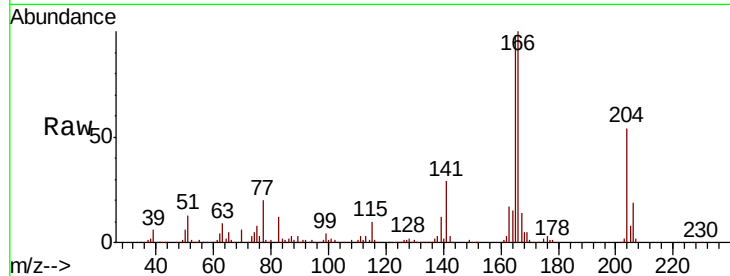




#58
 Fluorene
 Concen: 38.812 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

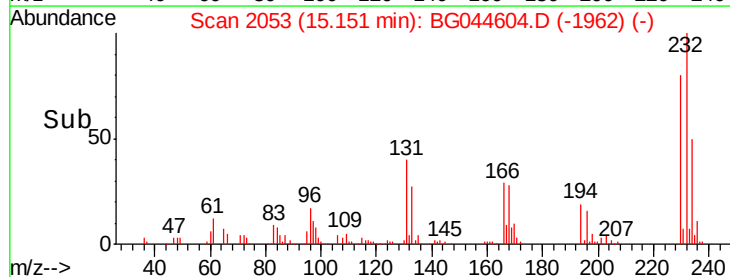
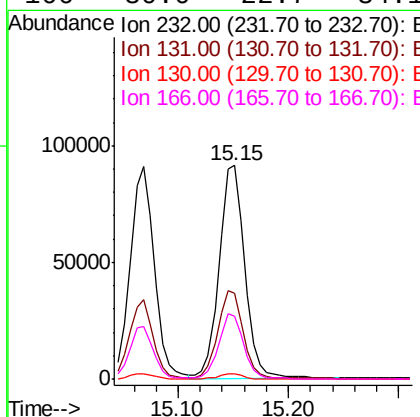
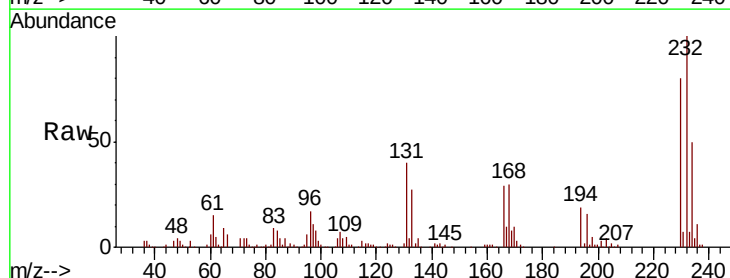
Instrument :
 BNA_G
 ClientSampleId :

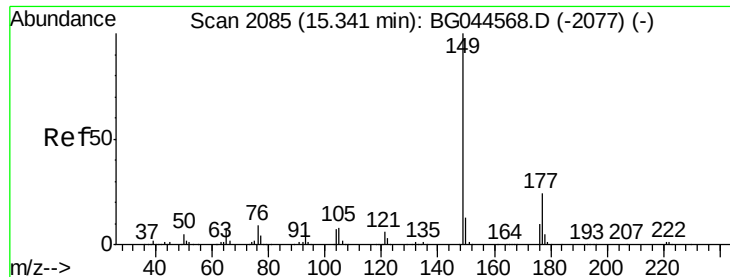
Tot Ion:166 Resp: 499574
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.2 118.8
 167 14.3 11.7 17.5



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.187 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:232 Resp: 147696
 Ion Ratio Lower Upper
 232 100
 131 41.6 31.8 47.6
 130 2.2 1.8 2.6
 166 30.0 22.7 34.1

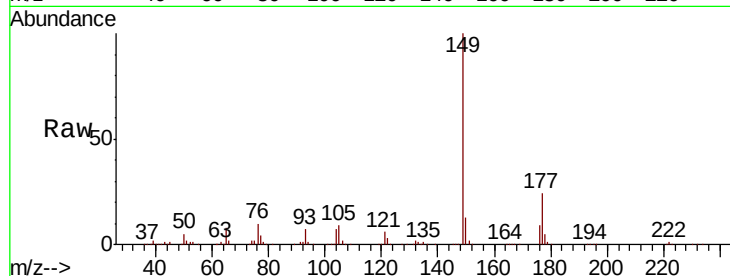




#60
Diethylphthalate
Concen: 38.500 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.2	28.8
150	13.0	10.2	15.4

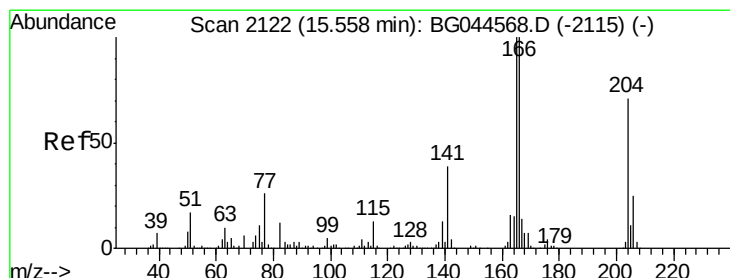
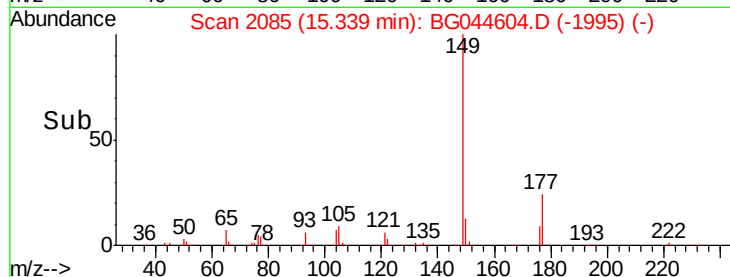
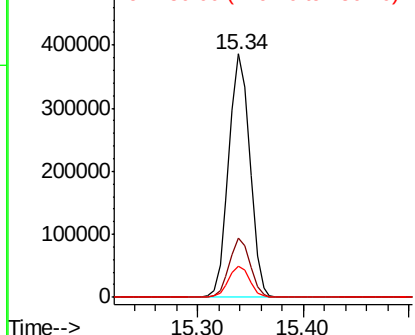


Abundance

Ion 149.00 (148.70 to 149.70): E

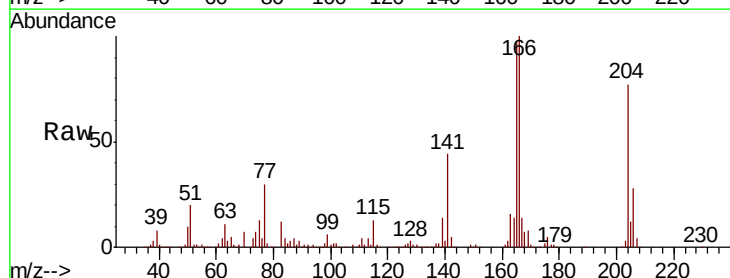
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 37.018 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	27.8	41.8
141	56.4	43.8	65.8

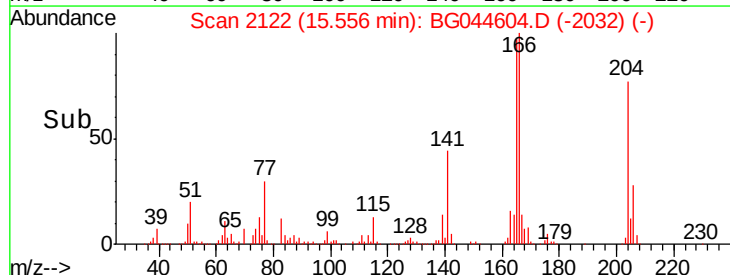
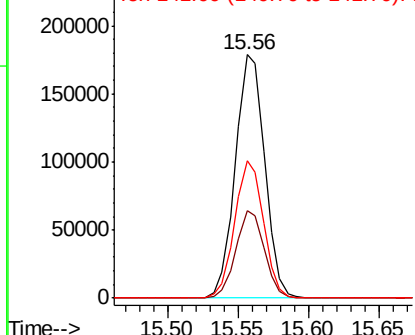


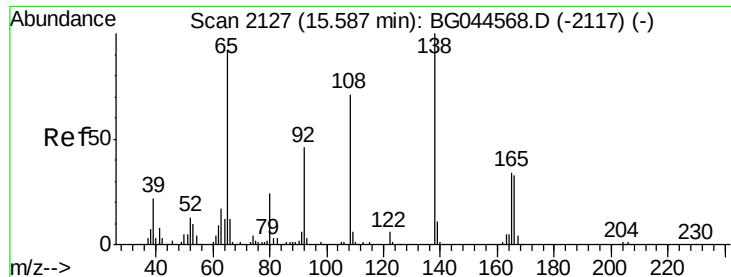
Abundance

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: 36.985 ng

RT: 15.59 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

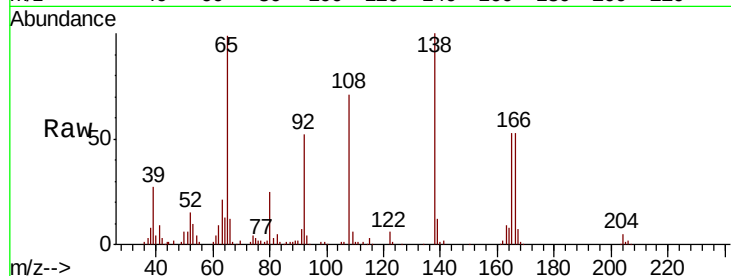
Tot Ion:138 Resp: 123299

Ion Ratio Lower Upper

138 100

92 51.5 26.4 66.4

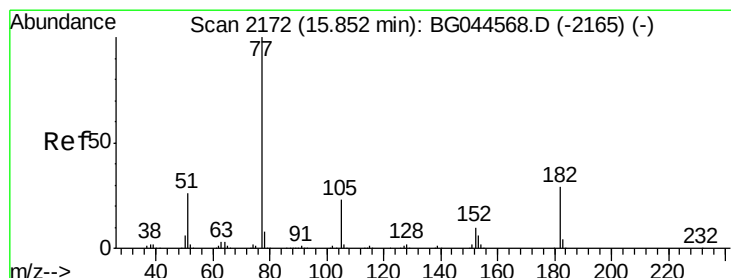
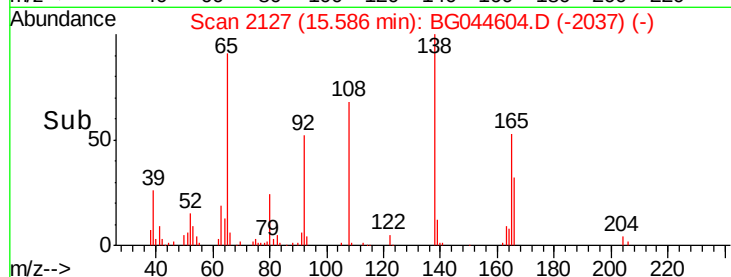
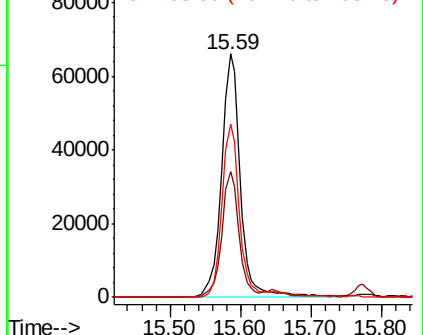
108 71.1 50.5 90.5



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: 38.976 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion: 77 Resp: 460049

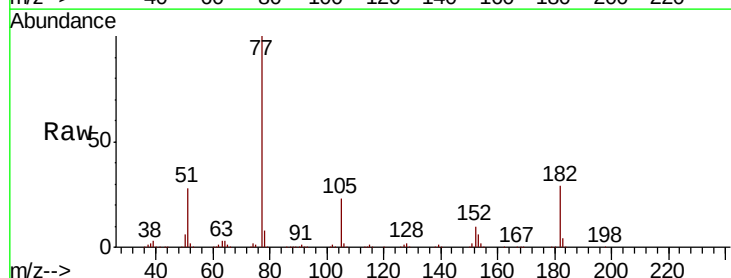
Ion Ratio Lower Upper

77 100

182 28.6 9.4 49.4

105 23.0 3.4 43.4

51 27.6 6.4 46.4

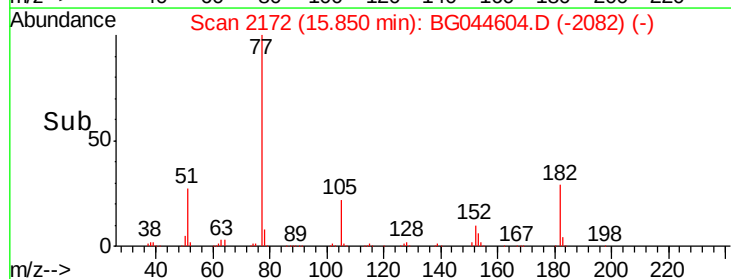
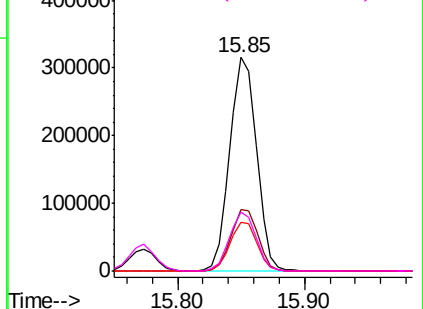


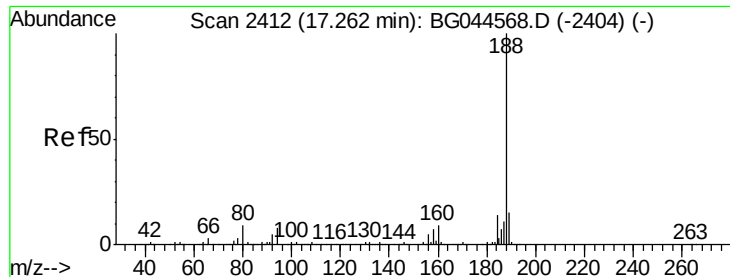
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

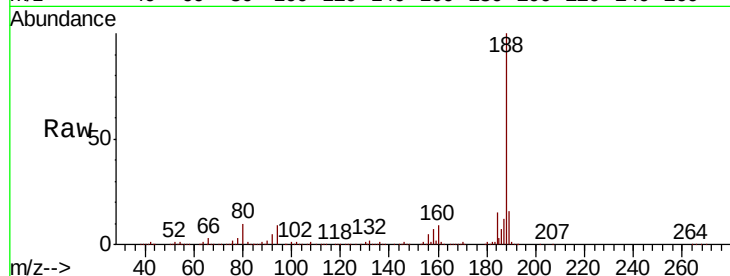




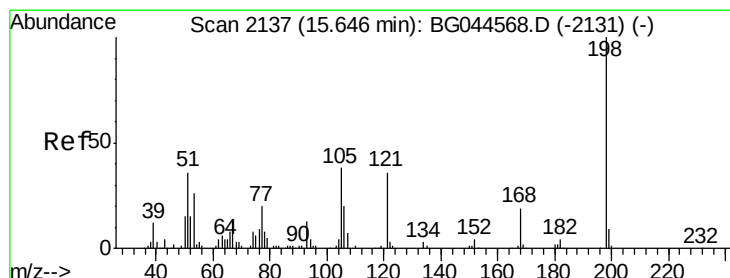
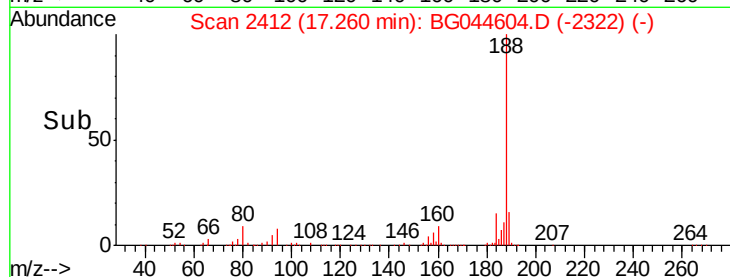
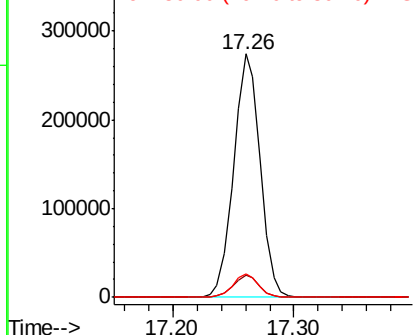
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 416540
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.6 7.6 11.4

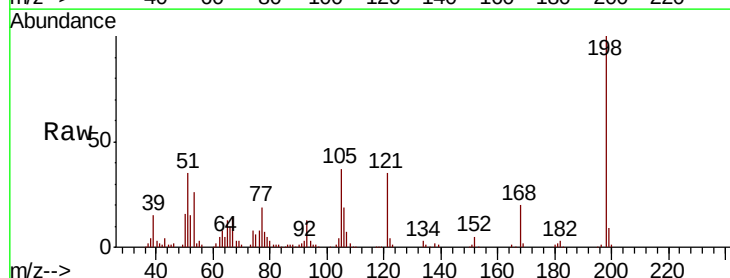


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

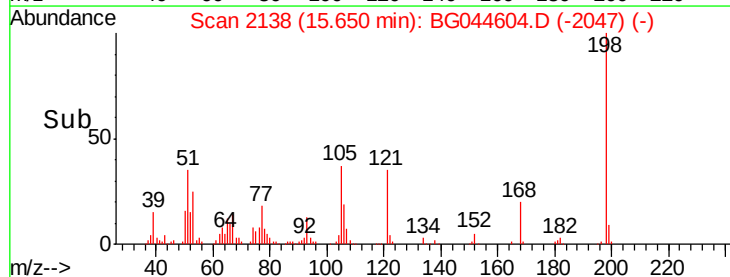
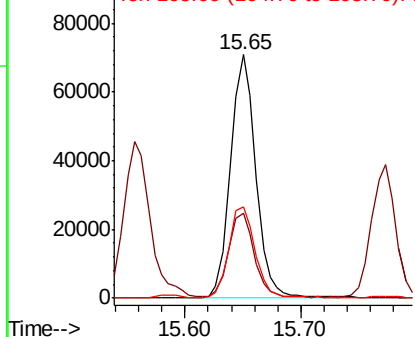


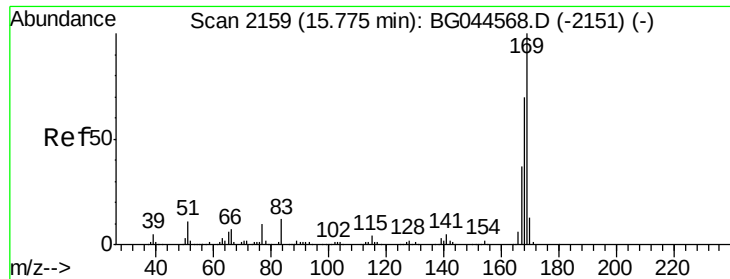
#65
4,6-Dinitro-2-methylphenol
Concen: 41.727 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:198 Resp: 107621
Ion Ratio Lower Upper
198 100
51 34.7 17.0 57.0
105 37.3 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

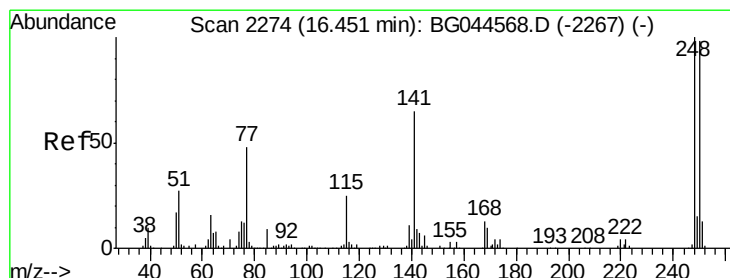
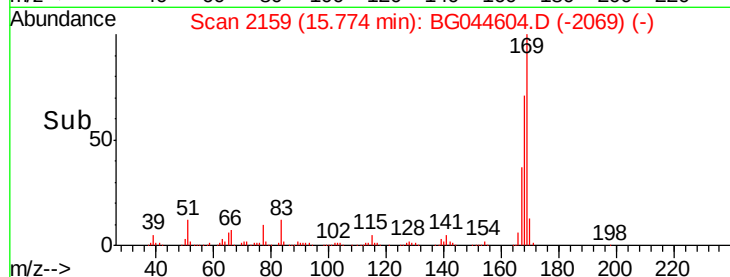
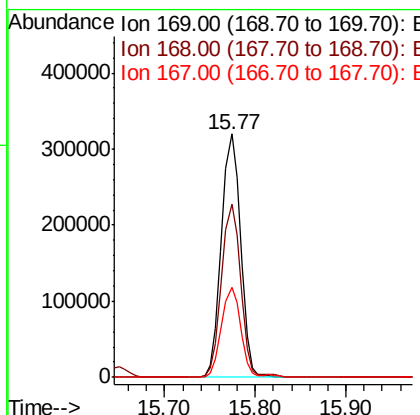
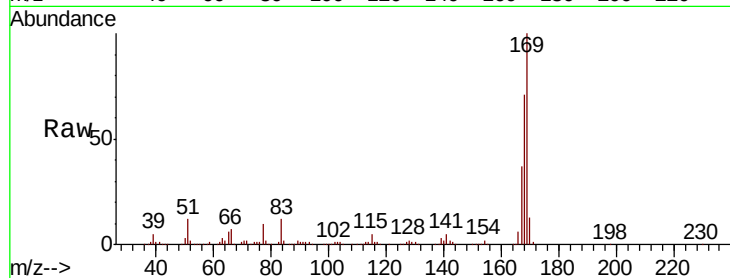




#66
 n-Nitrosodiphenylamine
 Concen: 36.133 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

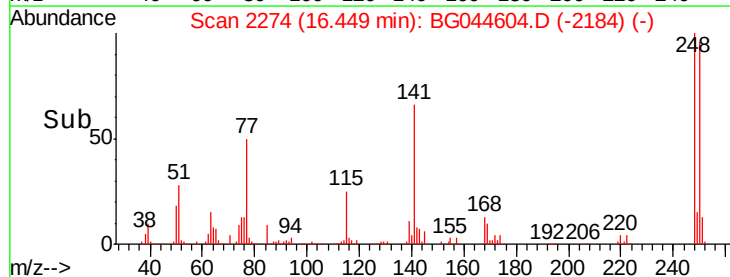
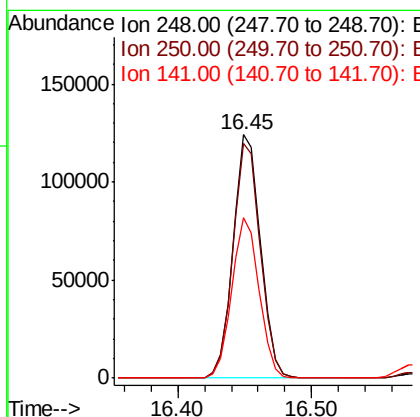
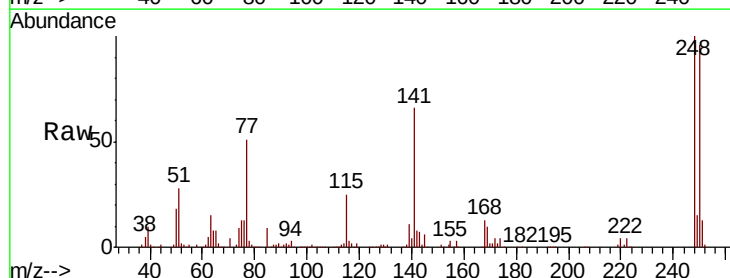
Instrument :
 BNA_G
 ClientSampleId :

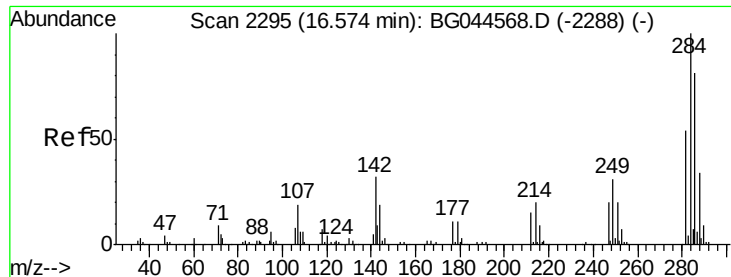
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.1	84.1
167	36.9	29.4	44.0



#67
 4-Bromophenyl-phenylether
 Concen: 34.244 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.7	118.1
141	65.7	52.3	78.5





#68

Hexachlorobenzene

Concen: 33.033 ng

RT: 16.58 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

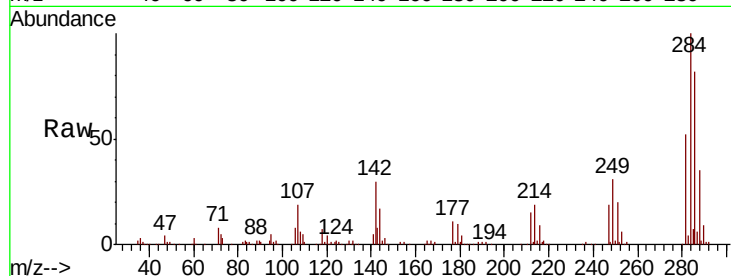
Tot Ion:284 Resp: 193104

Ion Ratio Lower Upper

284 100

142 30.4 25.6 38.4

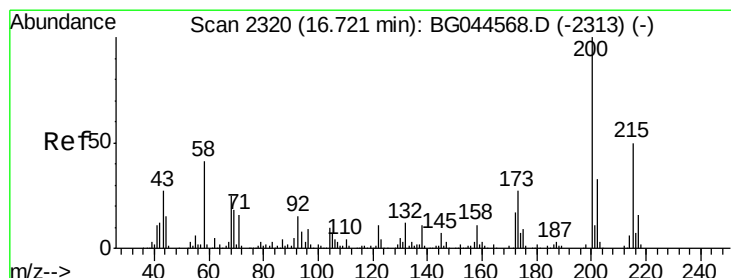
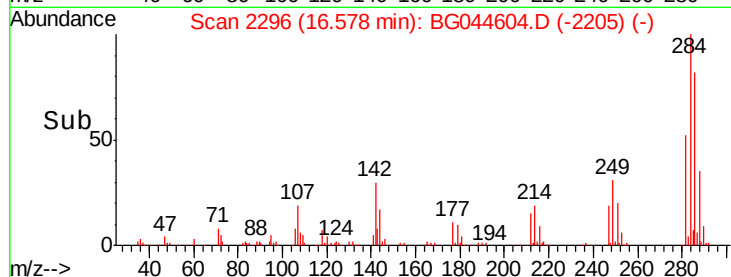
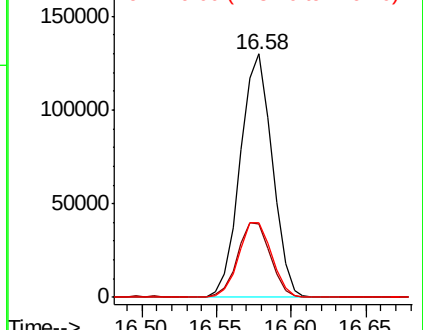
249 30.7 24.6 36.8



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: 14.704 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

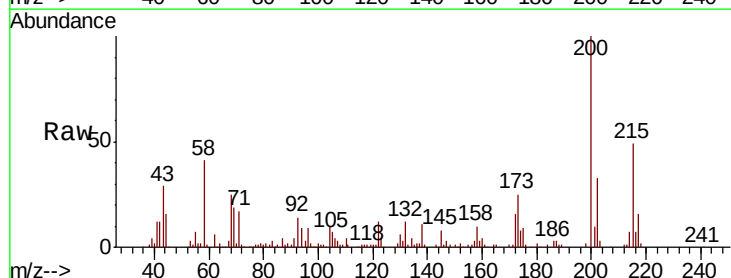
Tgt Ion:200 Resp: 70630

Ion Ratio Lower Upper

200 100

173 25.1 6.6 46.6

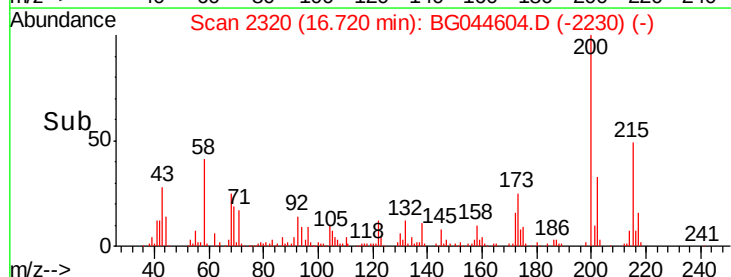
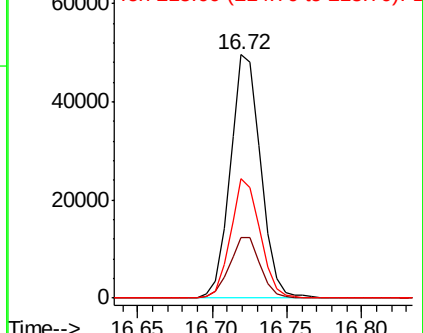
215 48.9 30.3 70.3

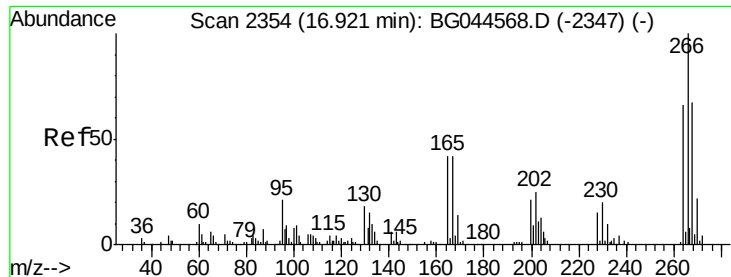


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

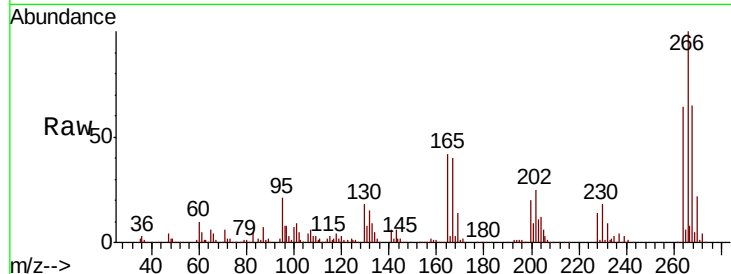




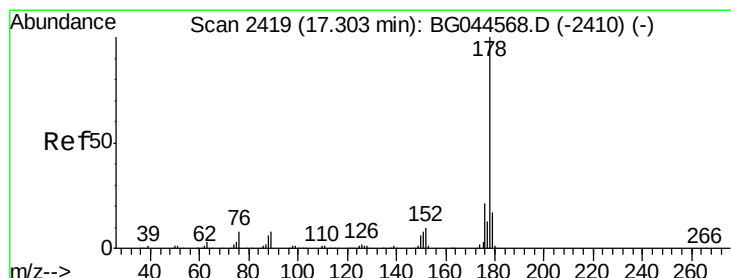
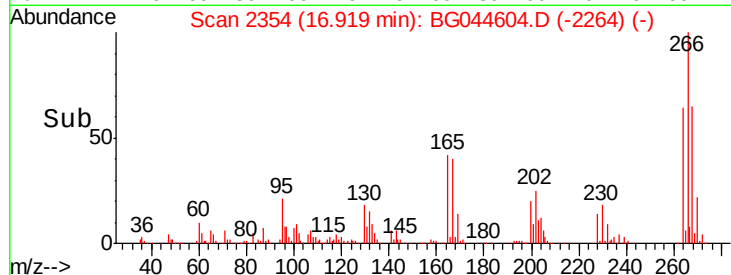
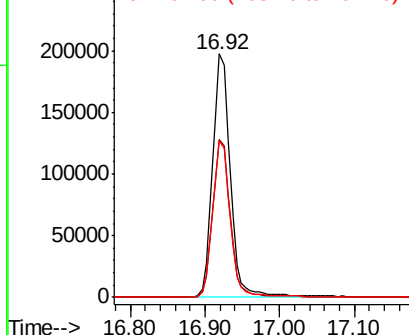
#70
 Pentachlorophenol
 Concen: 111.043 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 326519
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.4 80.0
 264 64.1 53.0 79.4

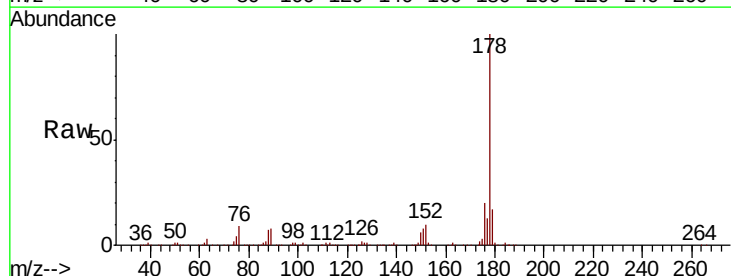


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

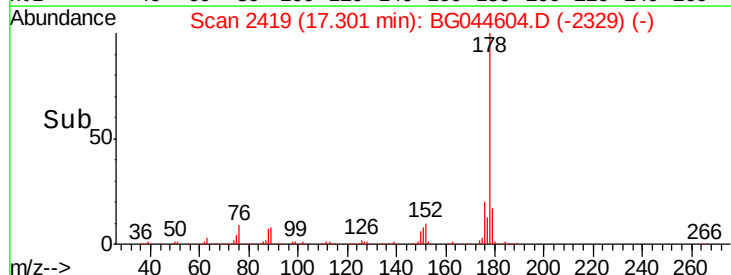
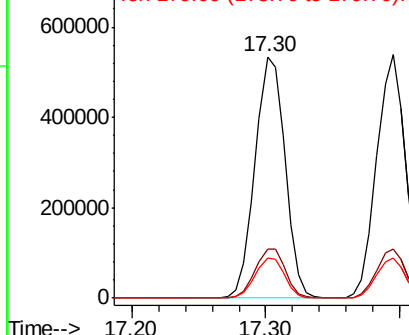


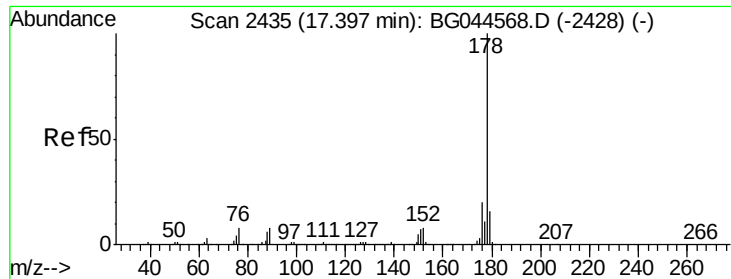
#71
 Phenanthrene
 Concen: 35.862 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:178 Resp: 827020
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.6 25.0
 179 16.7 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

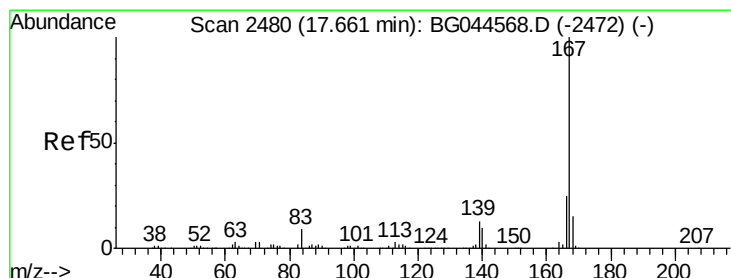
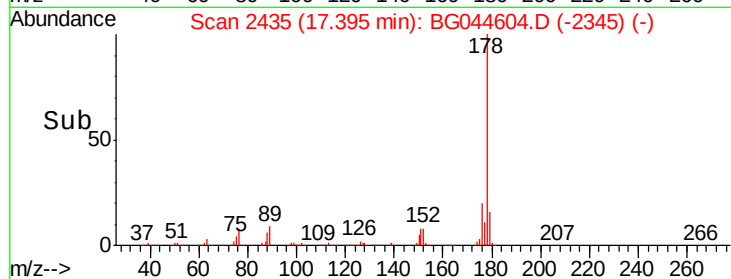
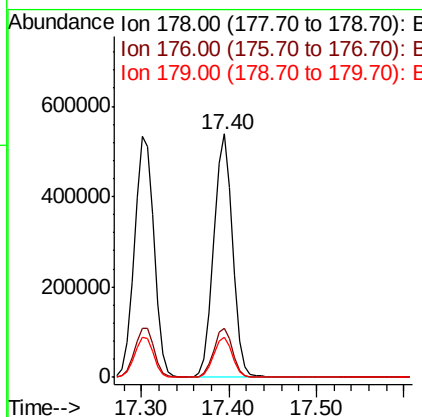
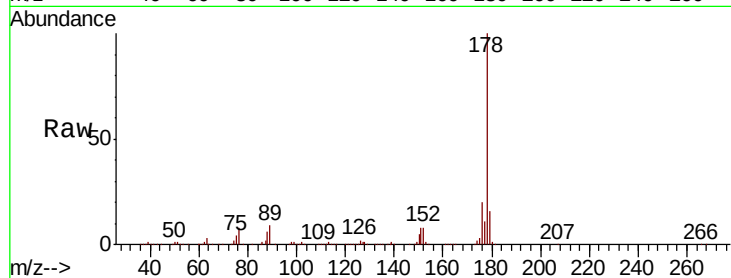




#72
 Anthracene
 Concen: 35.566 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

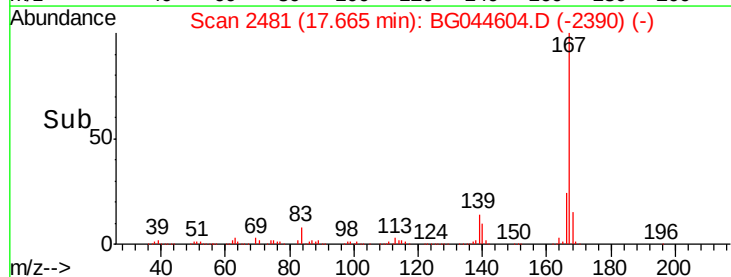
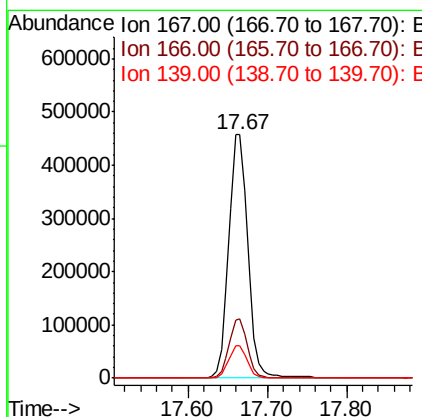
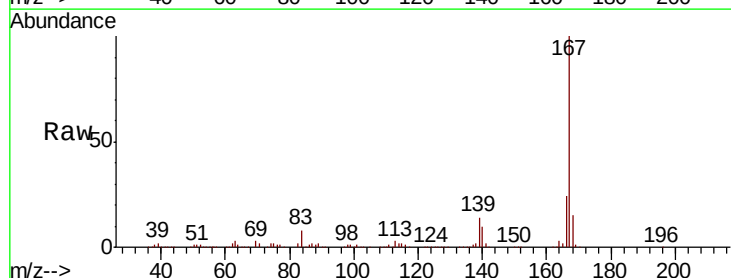
Instrument :
 BNA_G
 ClientSampleId :

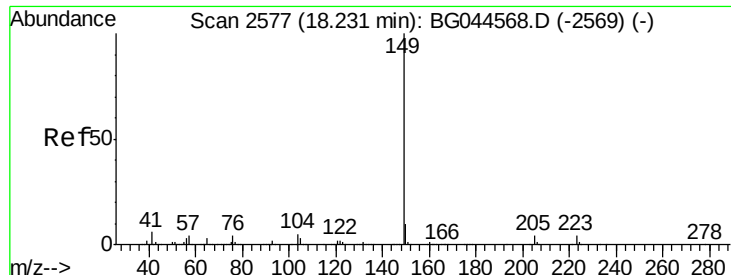
Tot Ion:178 Resp: 808274
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 16.3 13.1 19.7



#73
 Carbazole
 Concen: 36.927 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:167 Resp: 763885
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.7 29.5
 139 13.6 10.6 15.8





#74

Di-n-butylphthalate

Concen: 36.349 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampled :

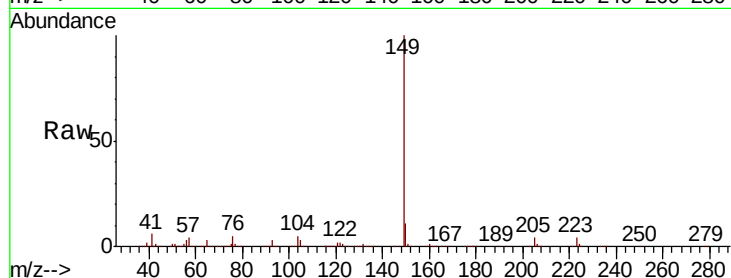
Tot Ion:149 Resp: 942241

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.8

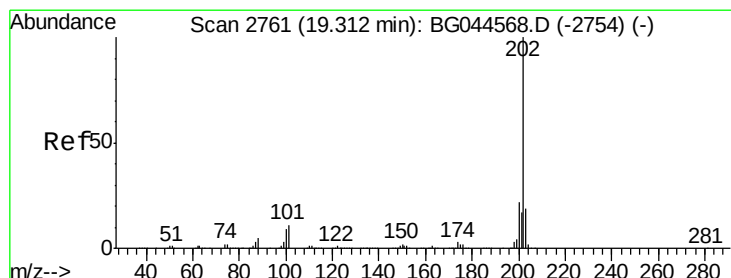
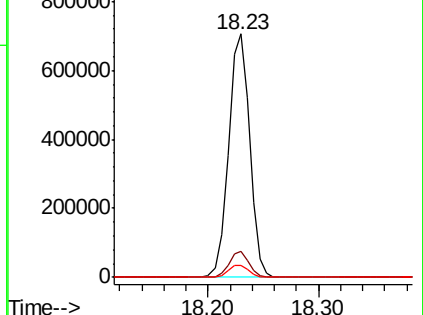
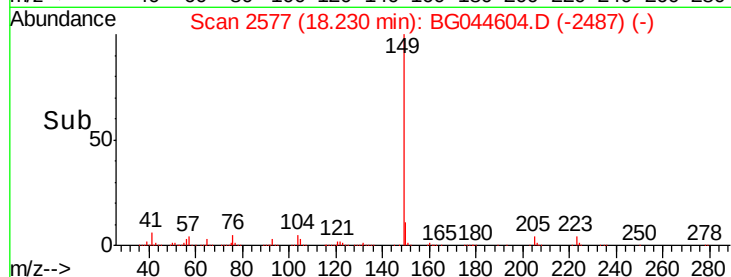
104 5.0 4.0 6.0



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: 36.349 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

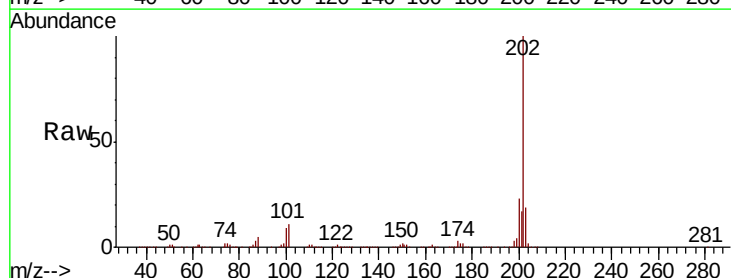
Tgt Ion:202 Resp: 992311

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.0

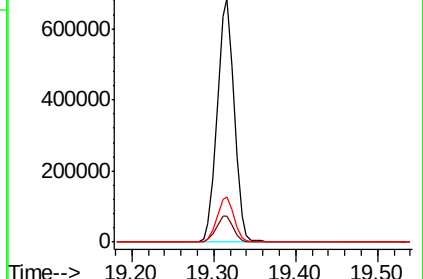
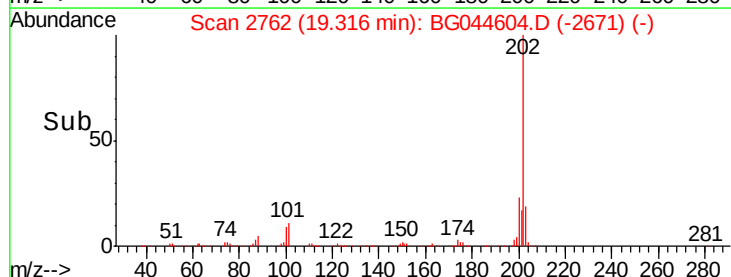
203 18.8 0.0 39.2

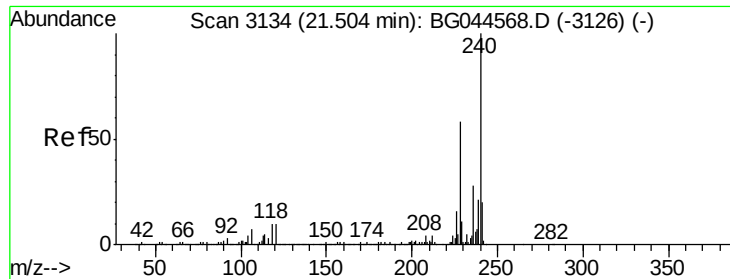


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

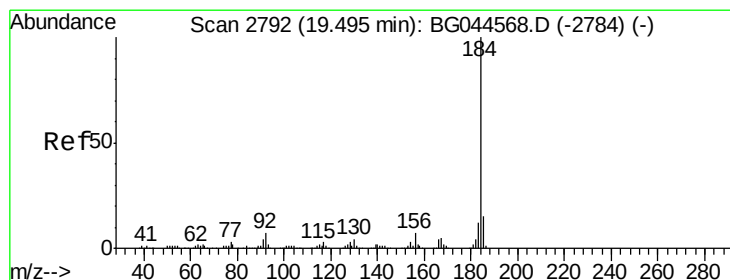
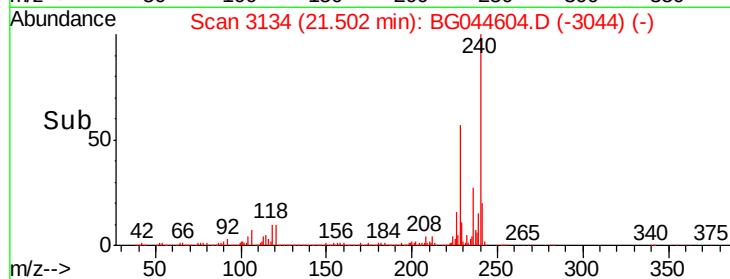
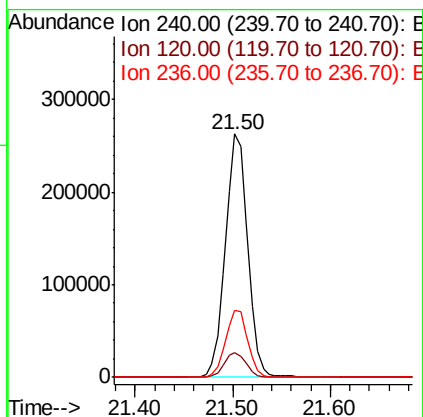
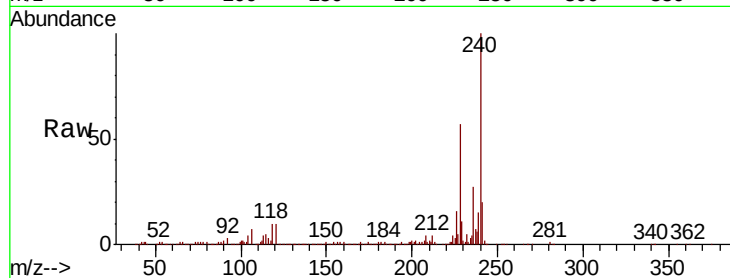




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

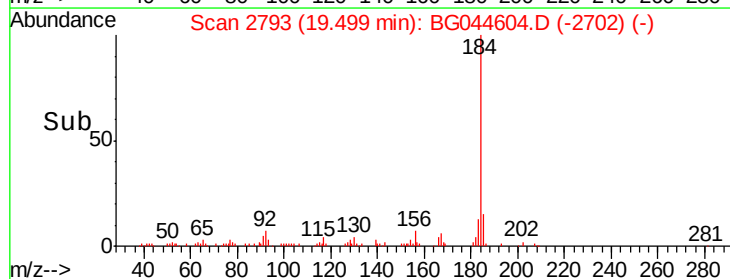
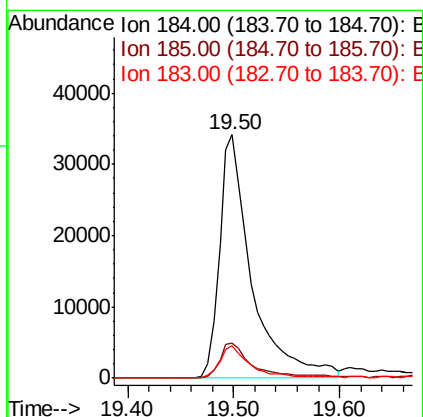
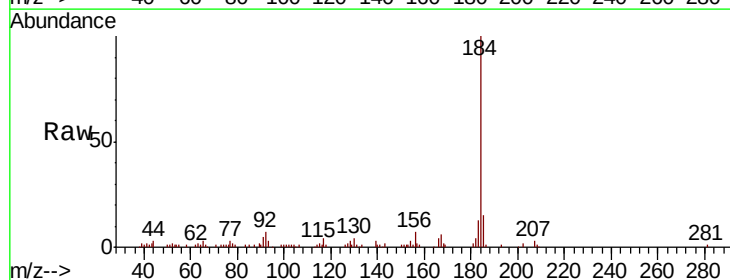
Instrument :
BNA_G
ClientSampleId :

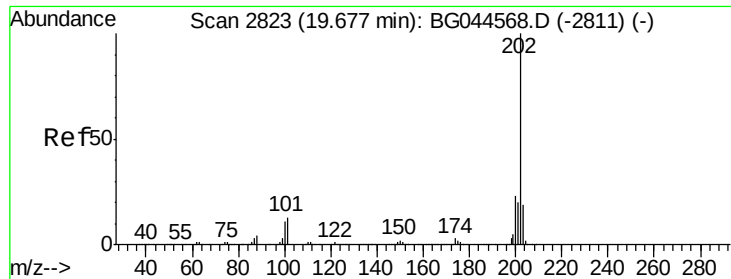
Tot Ion:240 Resp: 416876
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 27.4 22.3 33.5



#77
Benzidine
Concen: 5.069 ng
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:184 Resp: 72389
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 13.1 9.9 14.9

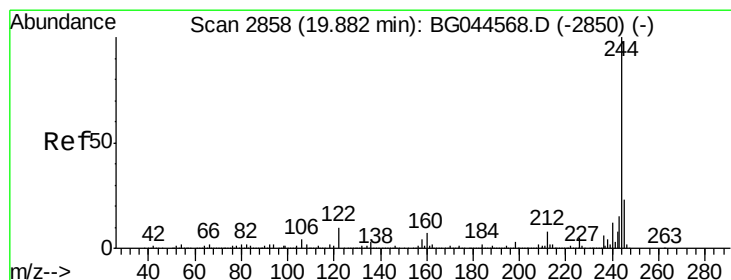
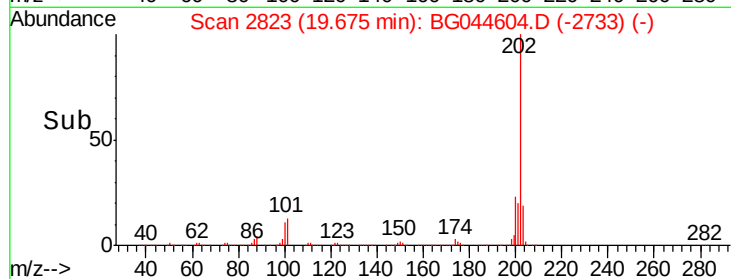
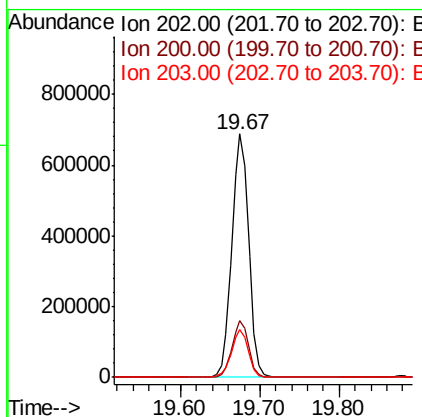
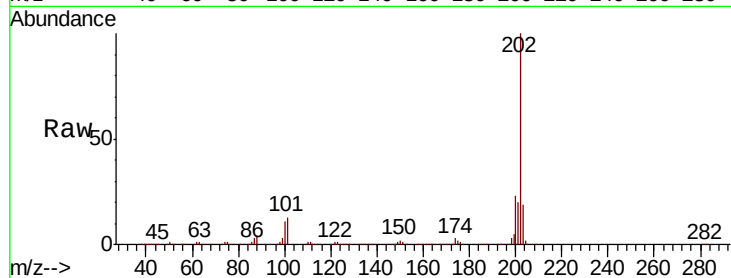




#78
Pvrene
Concen: 33.362 ng
RT: 19.67 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

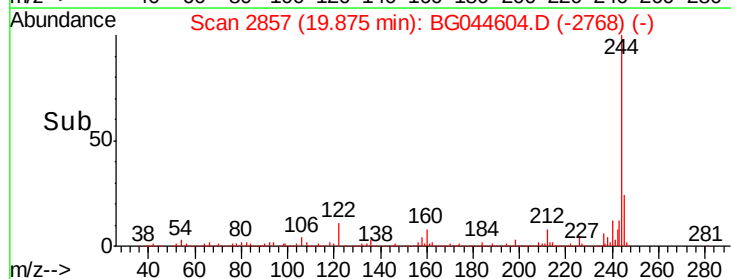
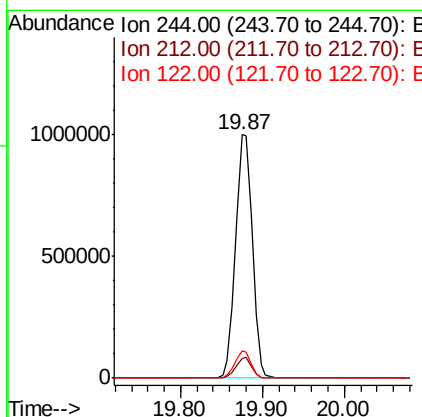
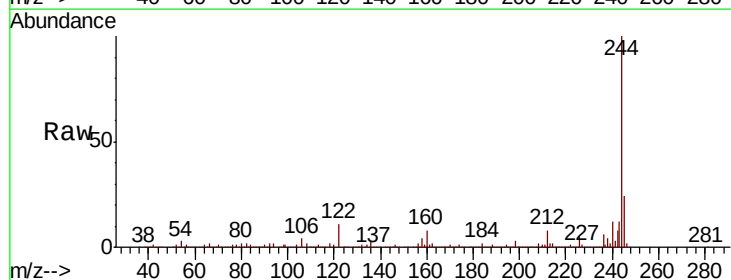
Instrument :
BNA_G
ClientSampled :

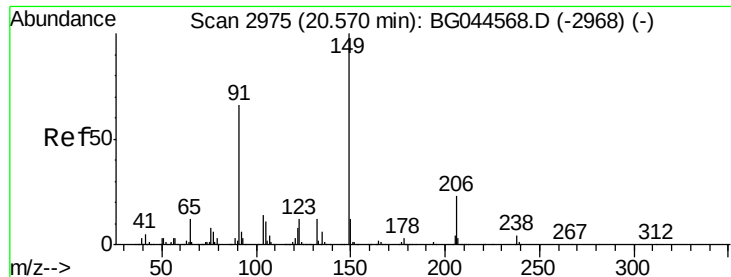
Tot Ion:202 Resp: 1009578
Ion Ratio Lower Upper
202 100
200 23.4 18.6 28.0
203 19.5 15.3 22.9



#79
Terphenyl-d14
Concen: 65.396 ng
RT: 19.87 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:244 Resp: 1440088
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.1 8.2 12.4

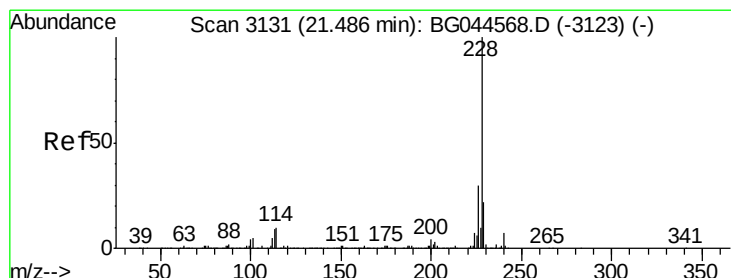
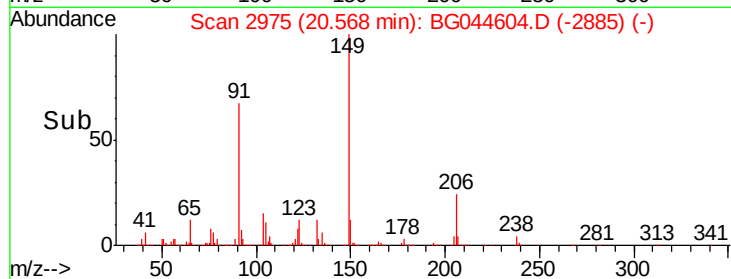
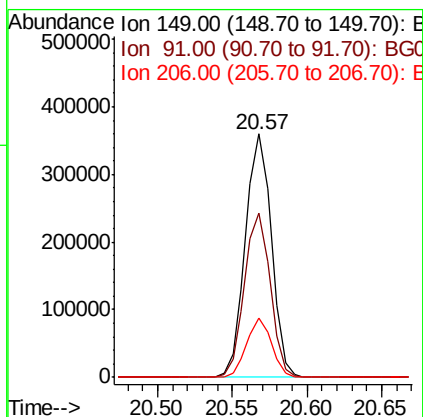
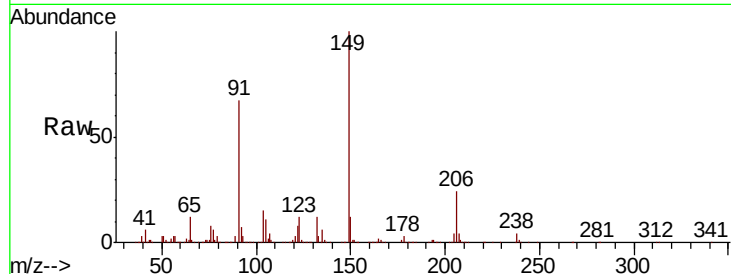




#80
Butylbenzylphthalate
Concen: 32.732 ng
RT: 20.57 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

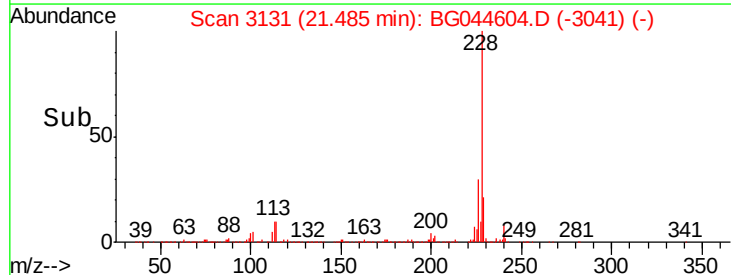
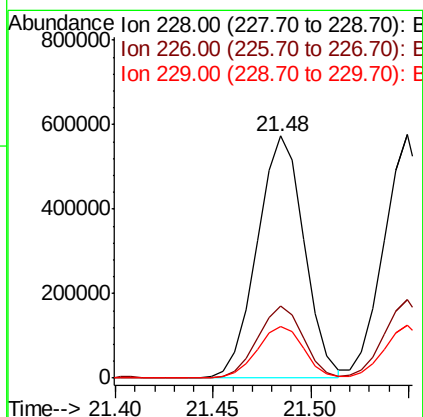
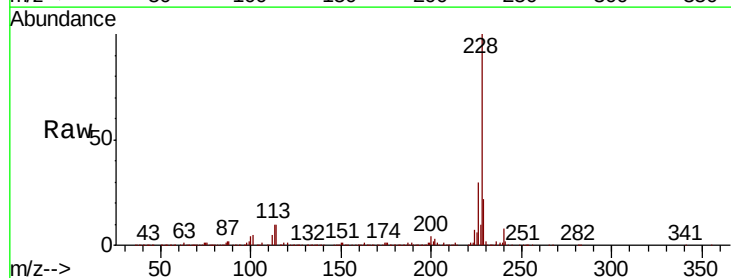
Instrument :
BNA_G
ClientSampled :

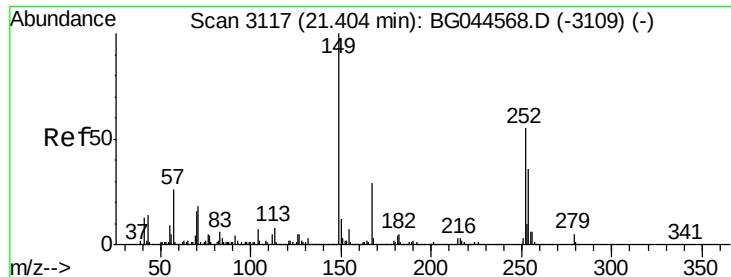
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	52.7	79.1
206	24.4	18.6	28.0



#81
Benzo(a)anthracene
Concen: 32.498 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.5	17.2	25.8

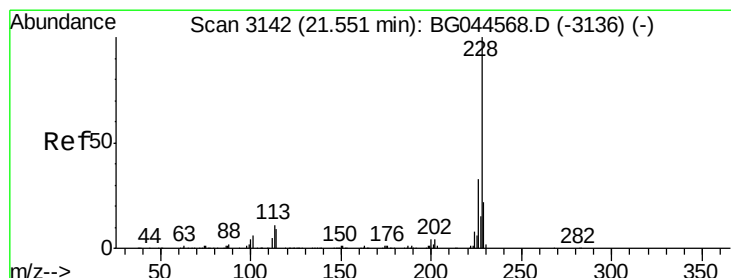
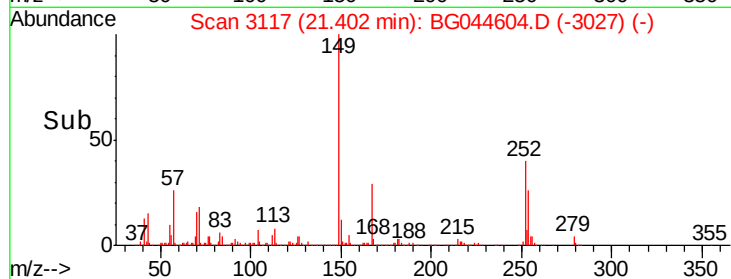
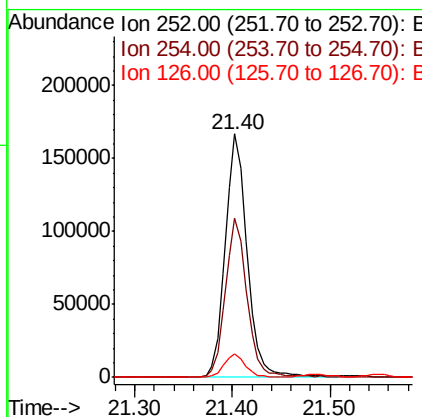
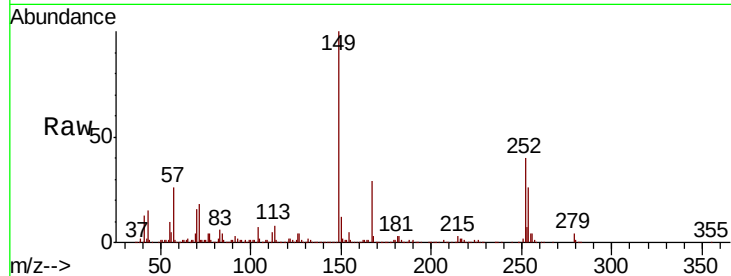




#82
 3,3'-Dichlorobenzidine
 Concen: 22.576 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

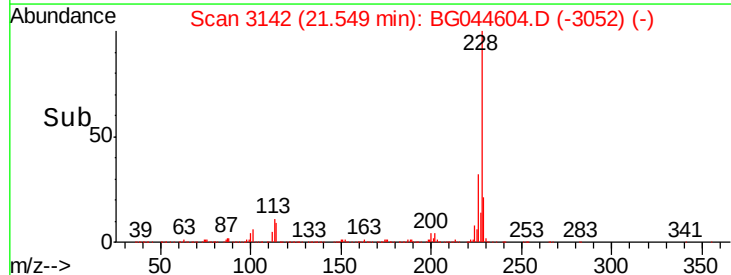
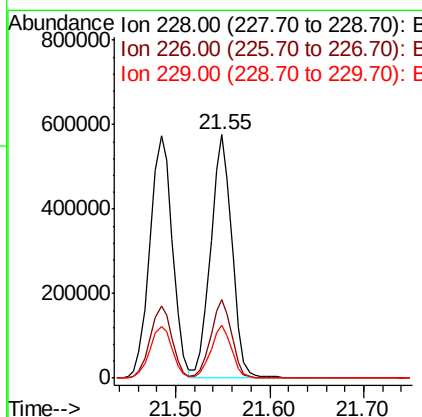
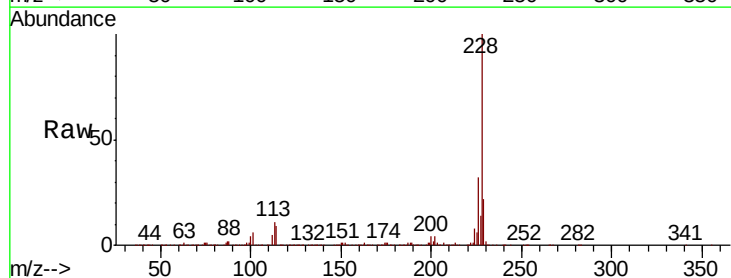
Instrument :
 BNA_G
 ClientSampled :

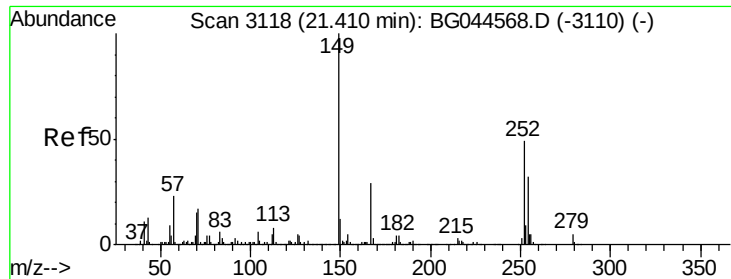
Tot Ion:252 Resp: 261319
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 9.6 7.8 11.6



#83
 Chrysene
 Concen: 32.335 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:228 Resp: 916006
 Ion Ratio Lower Upper
 228 100
 226 32.5 26.1 39.1
 229 21.5 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.000 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

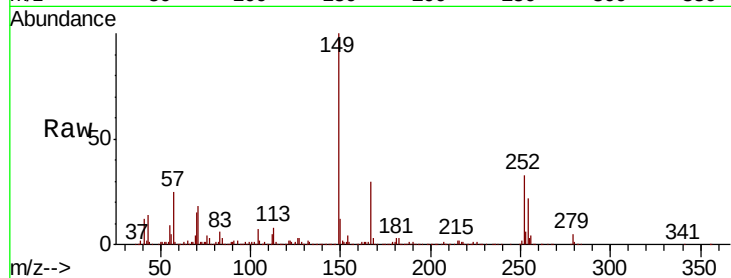
Tot Ion:149 Resp: 601880

Ion Ratio Lower Upper

149 100

167 30.0 23.4 35.0

279 4.9 4.2 6.4

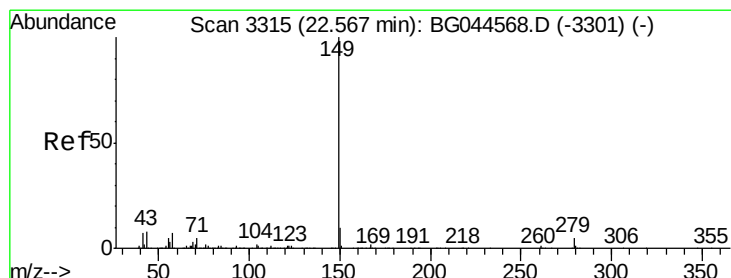
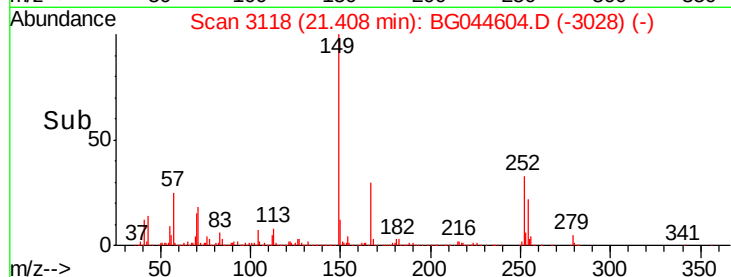
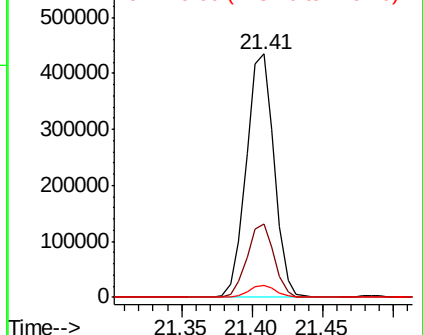


Abundance

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: 33.001 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

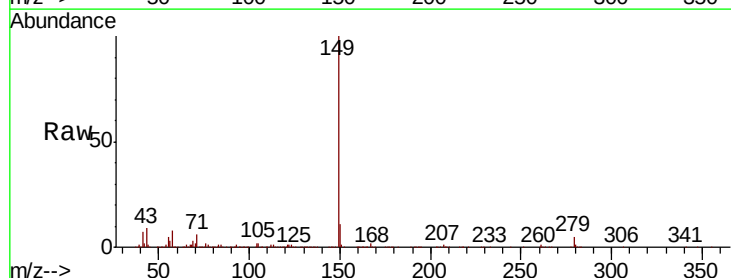
Tgt Ion:149 Resp: 1058993

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 6.6 10.0

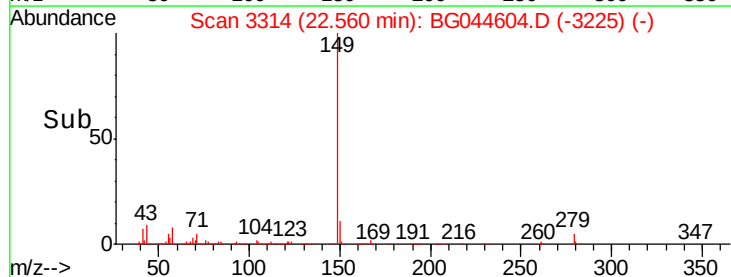
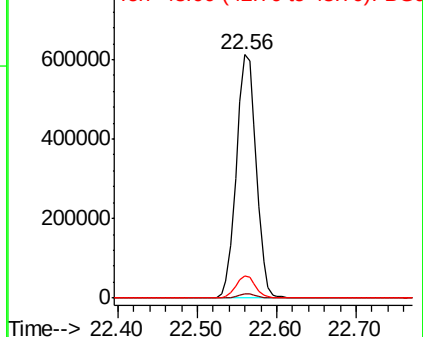


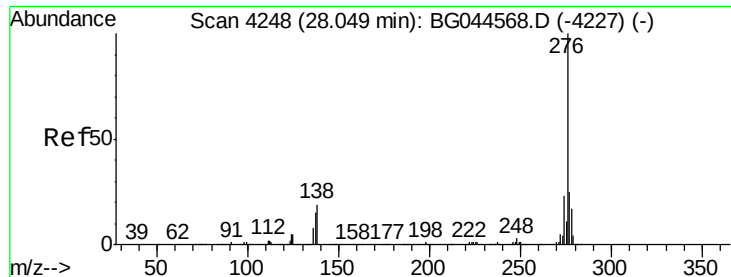
Abundance

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

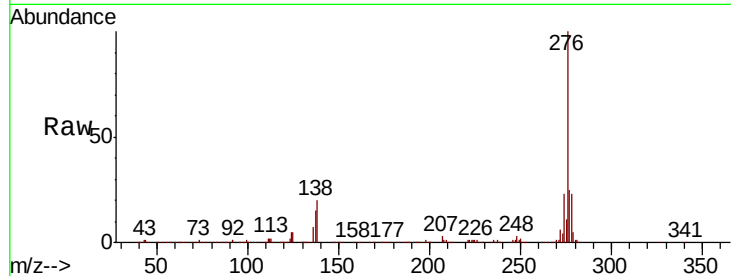




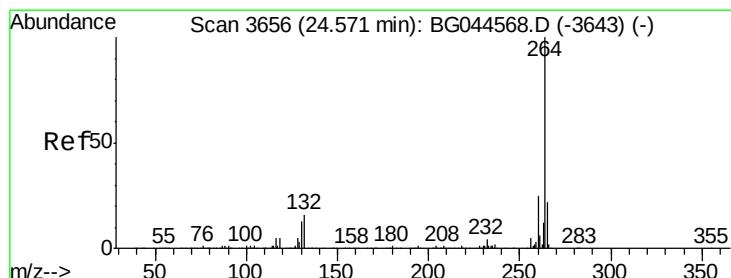
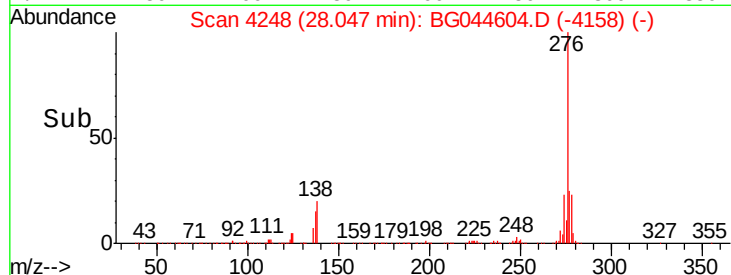
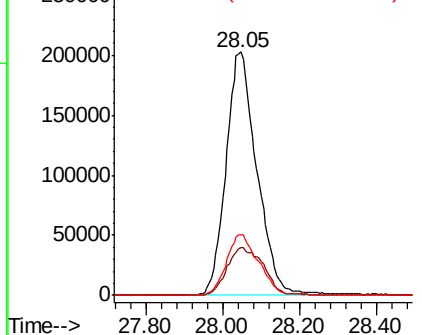
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 31.182 ng
 RT: 28.05 min Scan# 4248
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1133641
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.2 27.4
 277 25.8 20.7 31.1

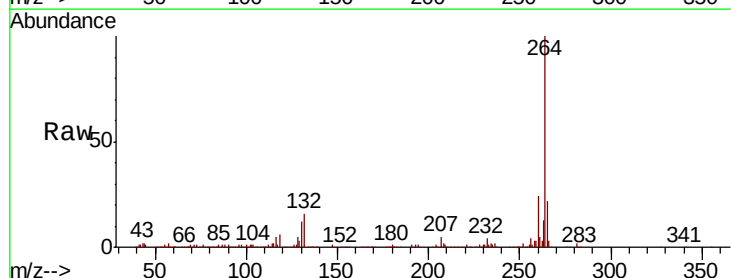


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

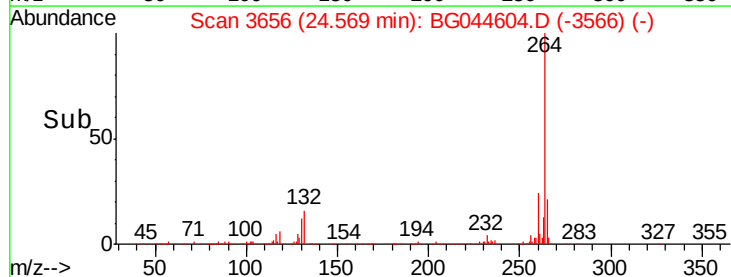
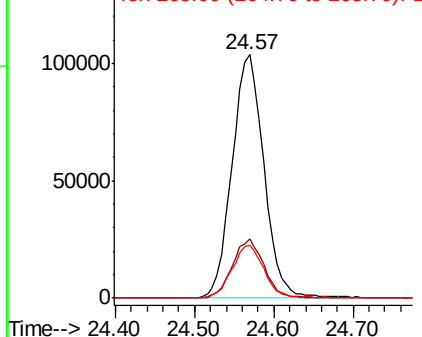


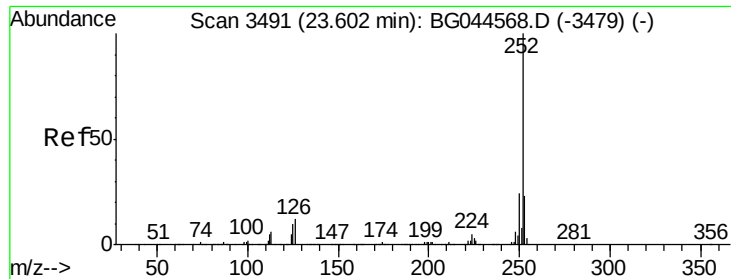
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.57 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:264 Resp: 288322
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 21.5 17.8 26.8



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

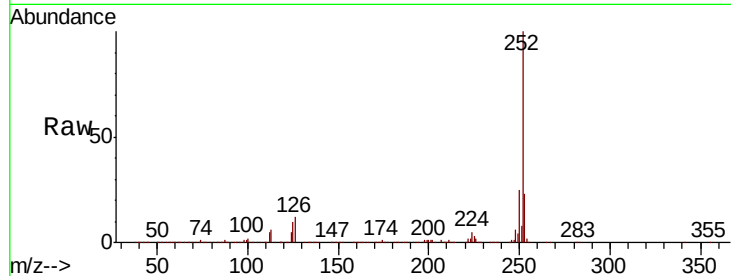




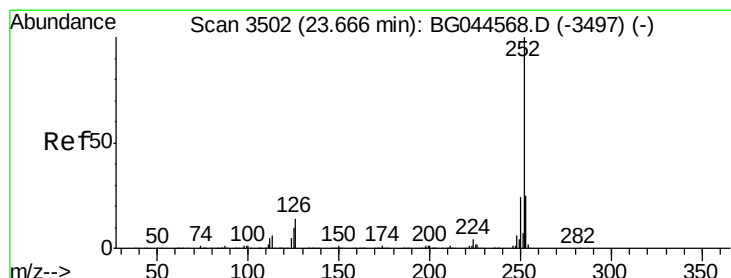
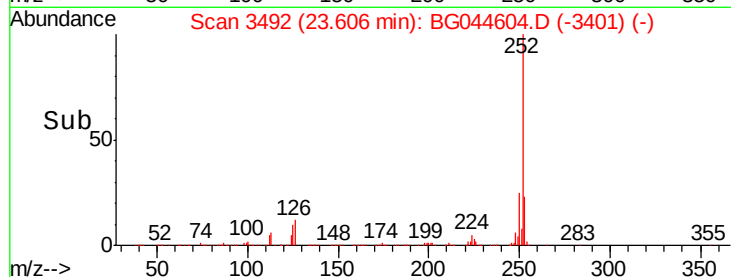
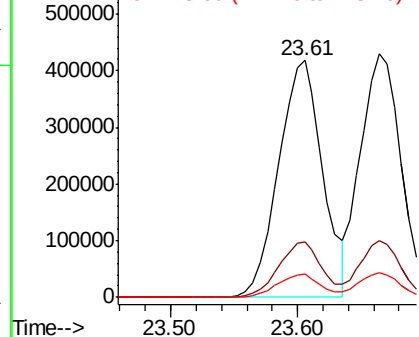
#88
Benzo(b)fluoranthene
Concen: 53.170 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1007933
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 9.8 7.9 11.9

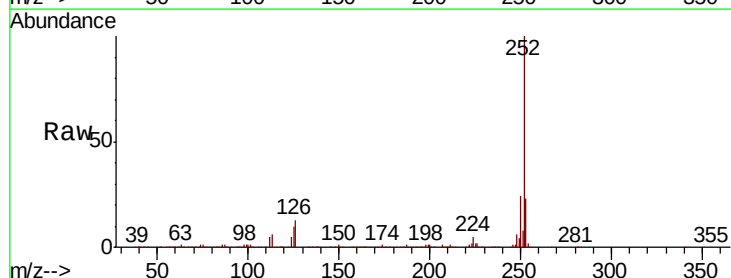


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

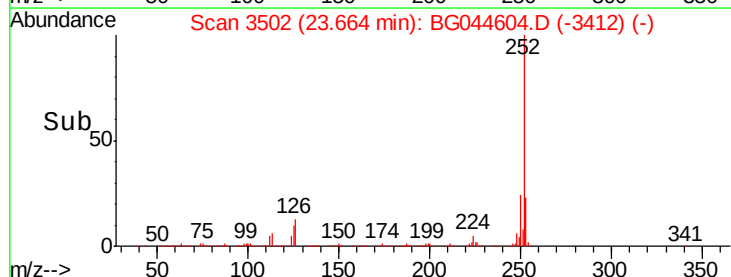
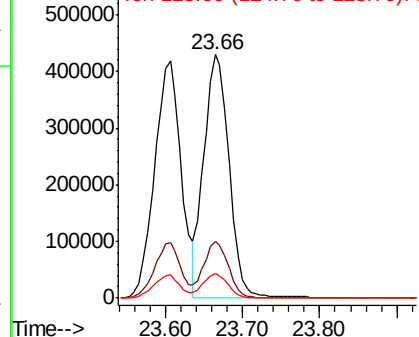


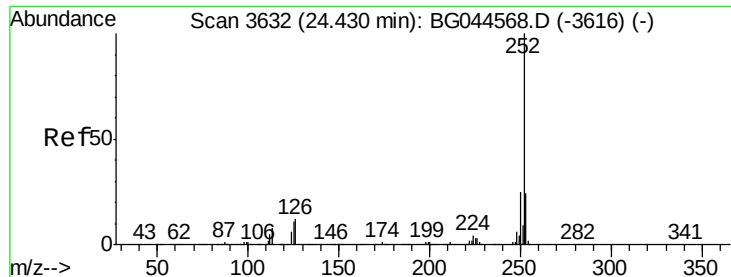
#89
Benzo(k)fluoranthene
Concen: 52.459 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion:252 Resp: 964896
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 10.0 7.8 11.8



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





#90

Benzo(a)pyrene

Concen: 52.824 ng

RT: 24.43 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

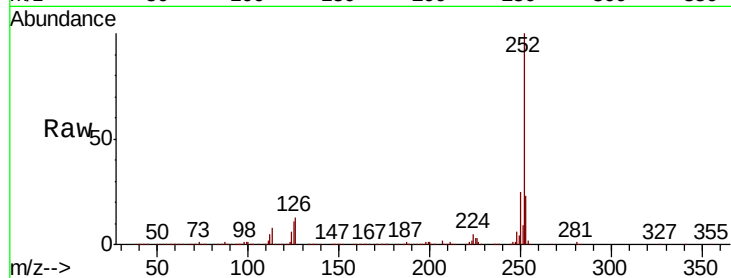
Tot Ion:252 Resp: 940847

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

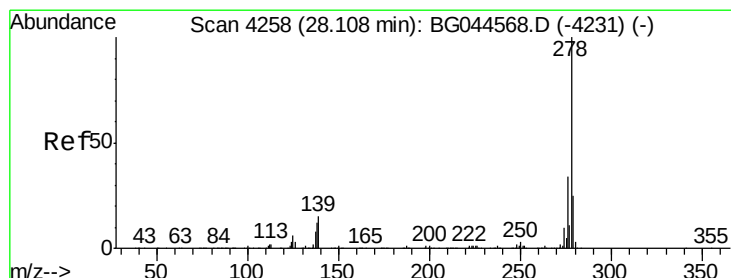
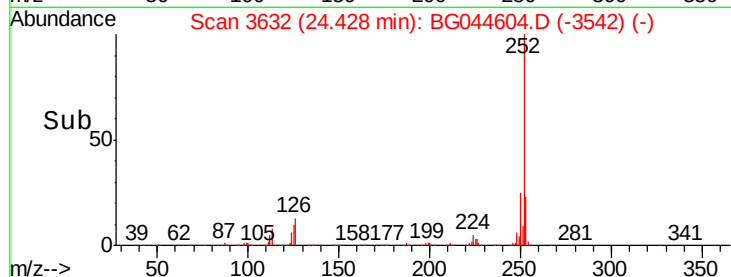
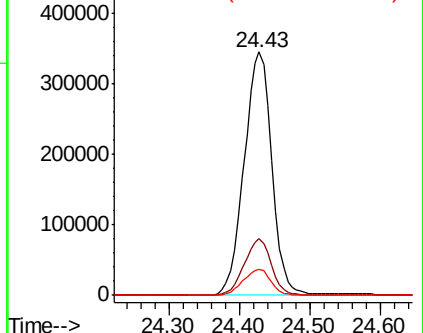
125 10.5 8.5 12.7



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



#91

Dibenzo(a,h)anthracene

Concen: 53.370 ng

RT: 28.09 min Scan# 4256

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

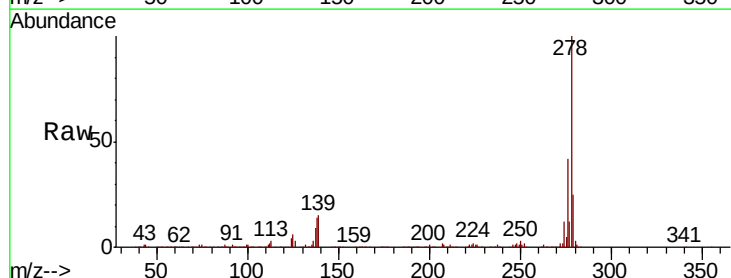
Tgt Ion:278 Resp: 940095

Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

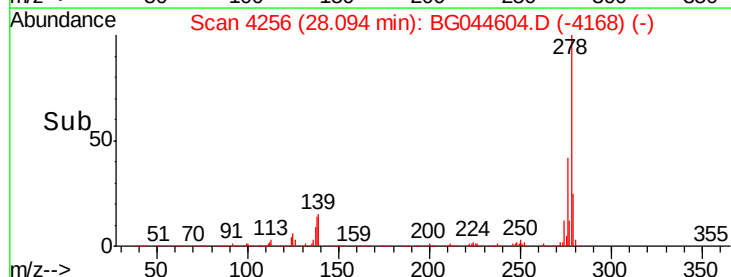
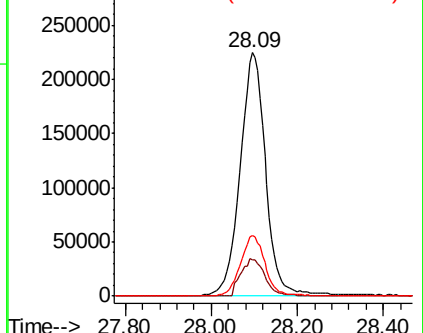
279 24.8 19.8 29.6

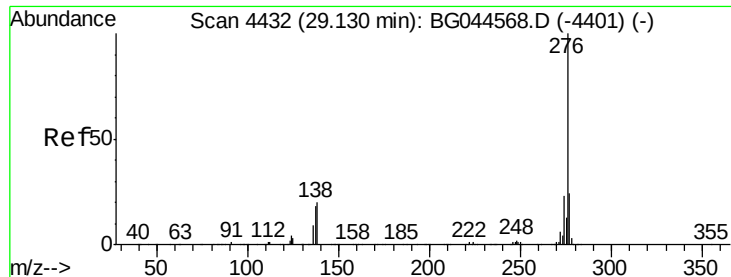


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

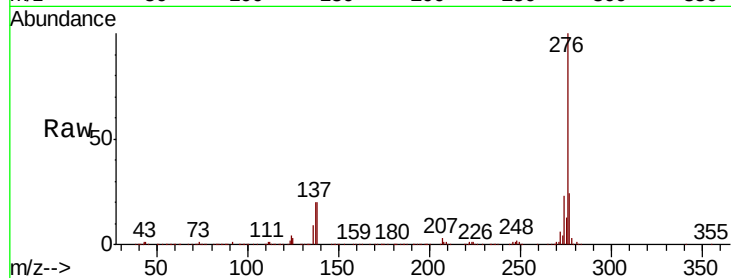




#92
 Benzo(a,h,i)perylene
 Concen: 53.767 ng
 RT: 29.12 min Scan# 4431
 Delta R.T. -0.01 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	20.0	16.1	24.1



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

