

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044250.D
 Acq On : 30 Jan 2020 15:59
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 16:38:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	91253	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	381331	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	243126	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	519553	20.00	ng	0.00
76) Chrysene-d12	21.55	240	460207	20.00	ng	0.00
87) Perylene-d12	24.65	264	534728	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	433240	83.79	ng	0.00
7) Phenol-d6	7.09	99	580166	83.56	ng	0.00
23) Nitrobenzene-d5	9.08	82	541572	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	228084	79.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1196842	82.43	ng	0.00
79) Terphenyl-d14	19.92	244	1743966	77.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	99066	42.643	ng	99
3) Pyridine	3.78	79	282875	45.704	ng	97
4) n-Nitrosodimethylamine	3.69	42	107969	41.746	ng	100
6) Aniline	7.24	93	357616	41.494	ng	99
8) 2-Chlorophenol	7.48	128	233880	41.157	ng	99
9) Benzaldehyde	7.05	77	159285	40.280	ng	98
10) Phenol	7.11	94	288102	41.926	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	238792	40.647	ng	99
12) 1,3-Dichlorobenzene	7.81	146	279405	41.181	ng	98
13) 1,4-Dichlorobenzene	7.95	146	279611	41.609	ng	99
14) 1,2-Dichlorobenzene	8.28	146	262013	41.251	ng	98
15) Benzyl Alcohol	8.16	79	205006	41.704	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	324257	40.780	ng	99
17) 2-Methylphenol	8.36	107	202570	41.318	ng	98
18) Hexachloroethane	9.01	117	104016	41.248	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	189724	41.000	ng	99
20) 3+4-Methylphenols	8.69	107	280288	41.483	ng	99
22) Acetophenone	8.74	105	372363	40.140	ng	99
24) Nitrobenzene	9.12	77	262560	39.818	ng	99
25) Isophorone	9.65	82	497864	39.546	ng	98
26) 2-Nitrophenol	9.83	139	137697	40.244	ng	98
27) 2,4-Dimethylphenol	9.90	122	197060	40.800	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	340131	40.500	ng	99
29) 2,4-Dichlorophenol	10.37	162	234840	40.211	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	269302	40.215	ng	98
31) Naphthalene	10.77	128	743753	40.201	ng	99
32) Benzoic acid	10.05	122	101366	36.627	ng	92
33) 4-Chloroaniline	10.87	127	338057	40.176	ng	99
34) Hexachlorobutadiene	11.07	225	163866	39.768	ng	98
35) Caprolactam	11.64	113	85234	39.841	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	242430	39.593	ng	100
37) 2-Methylnaphthalene	12.38	142	547935	39.889	ng	99
38) 1-Methylnaphthalene	12.60	142	516199	39.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	293577	40.367	ng	99

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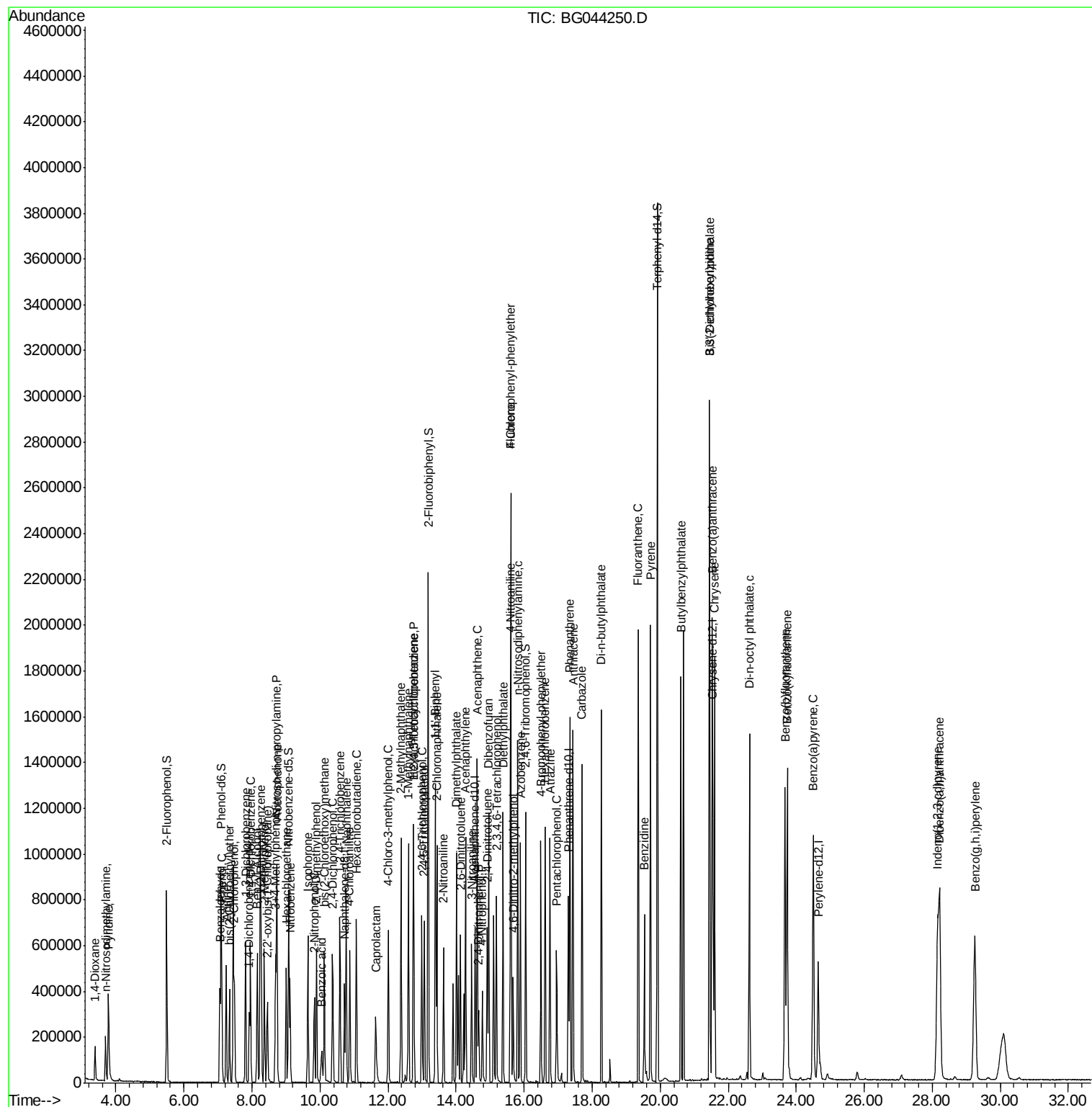
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	141529	40.557	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	189491	40.310	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	201597	41.986	ng	98
46) 1,1'-Biphenyl	13.39	154	715112	40.777	ng	98
47) 2-Chloronaphthalene	13.44	162	567539	40.669	ng	99
48) 2-Nitroaniline	13.63	65	164594	39.966	ng	98
49) Acenaphthylene	14.28	152	829570	40.530	ng	100
50) Dimethylphthalate	14.02	163	703000	40.225	ng	100
51) 2,6-Dinitrotoluene	14.13	165	156364	40.127	ng	100
52) Acenaphthene	14.62	154	534956	40.322	ng	98
53) 3-Nitroaniline	14.46	138	171280	39.730	ng	99
54) 2,4-Dinitrophenol	14.66	184	81358	39.502	ng	99
55) Dibenzofuran	14.96	168	815356	40.592	ng	99
56) 4-Nitrophenol	14.77	139	133399	42.243	ng	96
57) 2,4-Dinitrotoluene	14.92	165	220622	40.396	ng	100
58) Fluorene	15.61	166	638940	40.386	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	176153	40.616	ng	99
60) Diethylphthalate	15.38	149	709148	40.723	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	343720	40.069	ng	98
62) 4-Nitroaniline	15.62	138	173858	40.359	ng	97
63) Azobenzene	15.89	77	610689	40.013	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	117714	41.045	ng	100
66) n-Nitrosodiphenylamine	15.81	169	586311	40.268	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	223949	39.564	ng	96
68) Hexachlorobenzene	16.62	284	251283	39.624	ng	99
69) Atrazine	16.76	200	204398	40.957	ng	97
70) Pentachlorophenol	16.96	266	121983	39.686	ng	98
71) Phenanthrene	17.34	178	1028462	40.879	ng	99
72) Anthracene	17.44	178	1018668	40.954	ng	98
73) Carbazole	17.70	167	941982	41.080	ng	99
74) Di-n-butylphthalate	18.27	149	1189468	41.977	ng	99
75) Fluoranthene	19.35	202	1208383	41.520	ng	99
77) Benzidine	19.53	184	507977	39.794	ng	97
78) Pyrene	19.72	202	1223327	41.392	ng	99
80) Butylbenzylphthalate	20.61	149	564037	41.879	ng	99
81) Benzo(a)anthracene	21.53	228	1177332	41.509	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	449181	40.805	ng	100
83) Chrysene	21.60	228	1142440	41.671	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	776512	41.887	ng	99
85) Di-n-octyl phthalate	22.62	149	1339539	41.763	ng	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1452085	40.598	ng	100
88) Benzo(b)fluoranthene	23.67	252	1255014	40.730	ng	99
89) Benzo(k)fluoranthene	23.73	252	1232020	41.024	ng	99
90) Benzo(a)pyrene	24.50	252	1185459	40.691	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1168662	40.533	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1163941	40.326	ng	97

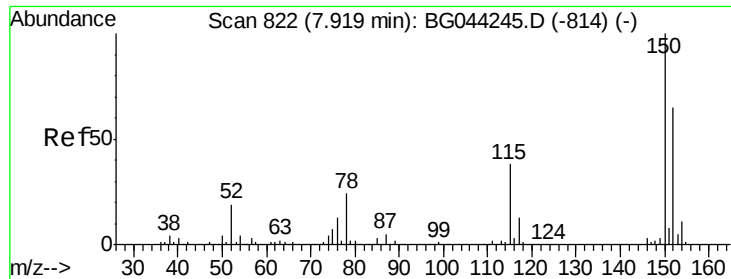
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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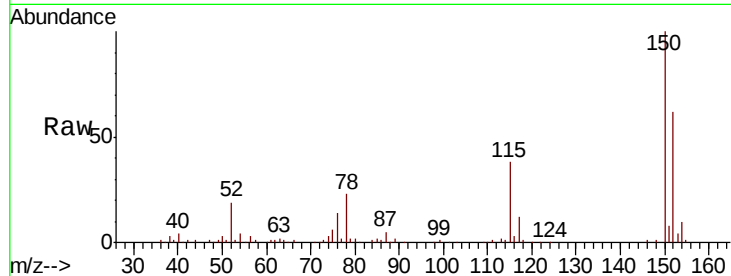


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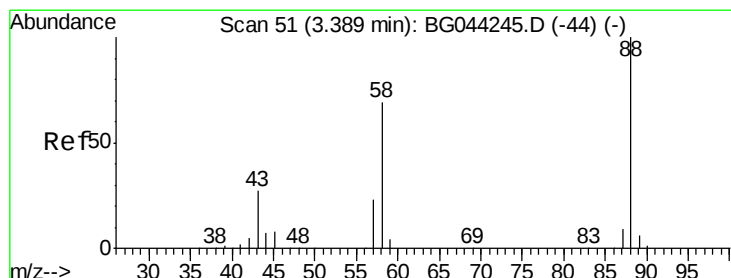
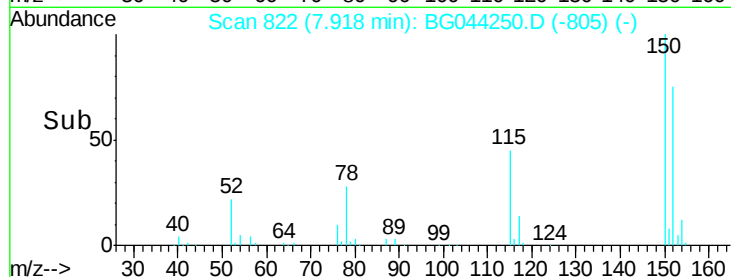
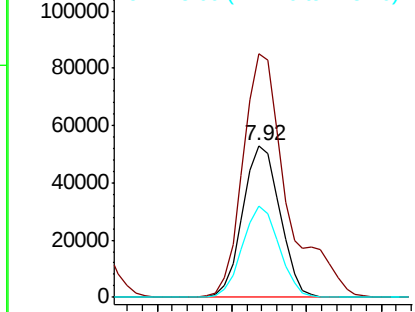
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 91253
Ion Ratio Lower Upper
152 100
150 160.4 122.6 183.8
115 60.3 46.0 69.0



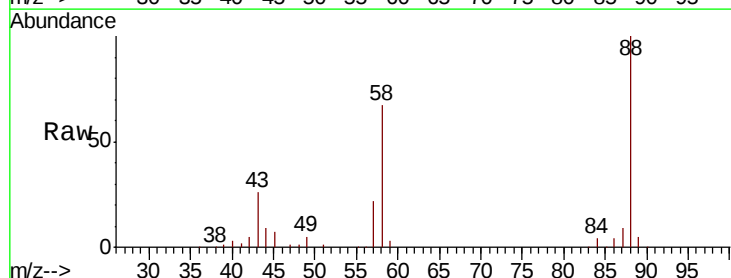
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



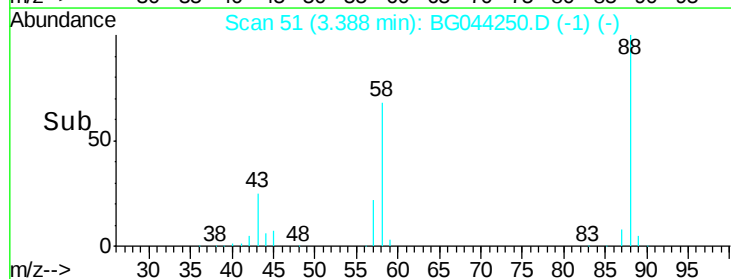
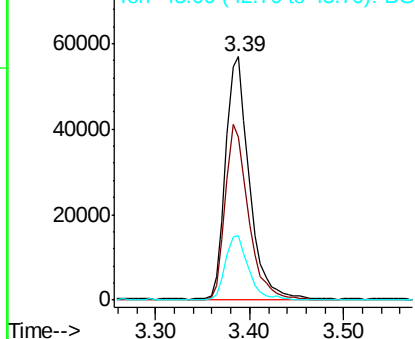
#2

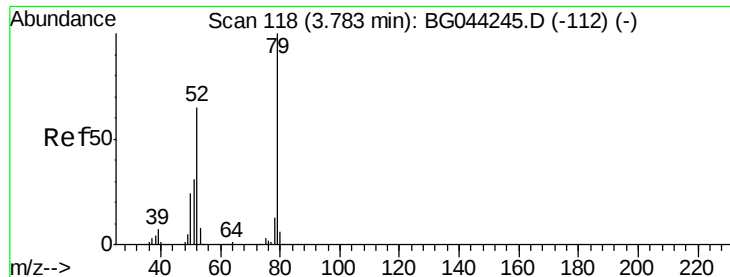
1,4-Dioxane
Concen: 42.643 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion: 88 Resp: 99066
Ion Ratio Lower Upper
88 100
58 71.1 55.8 83.6
43 26.5 21.6 32.4



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: 45.704 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

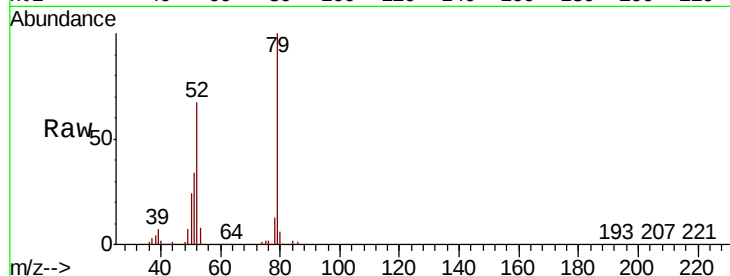
Tot Ion: 79 Resp: 282875

Ion Ratio Lower Upper

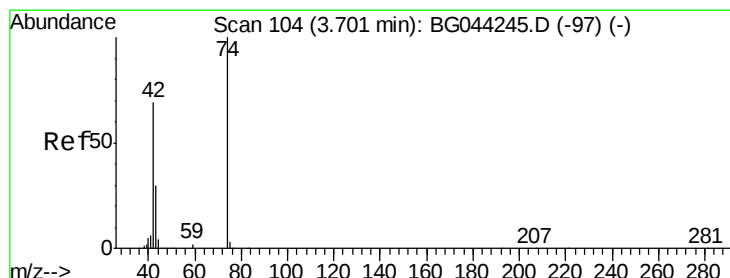
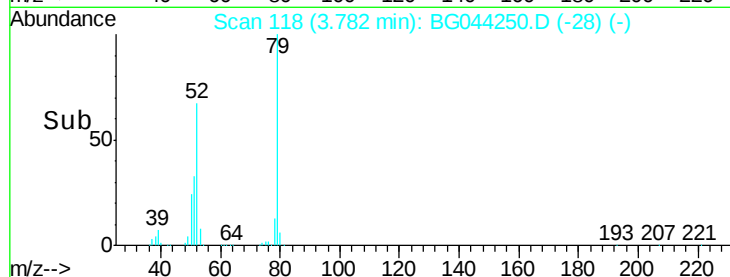
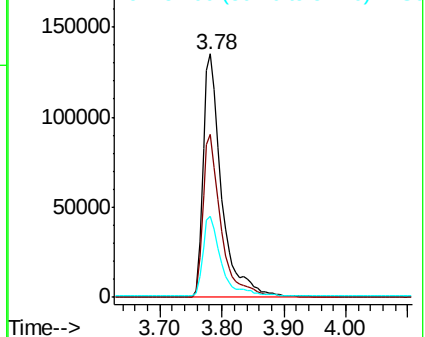
79 100

52 67.2 51.9 77.9

51 33.5 25.3 37.9



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: 41.746 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

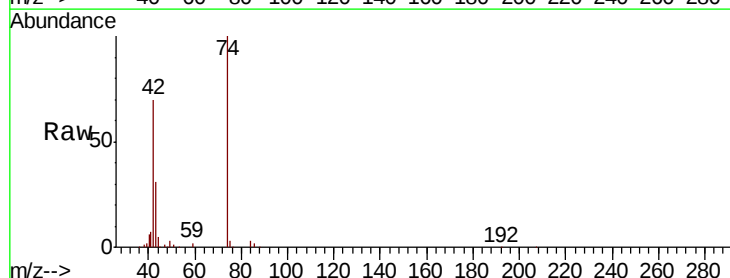
Tgt Ion: 42 Resp: 107969

Ion Ratio Lower Upper

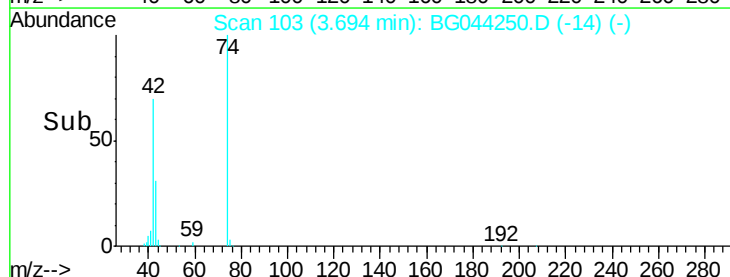
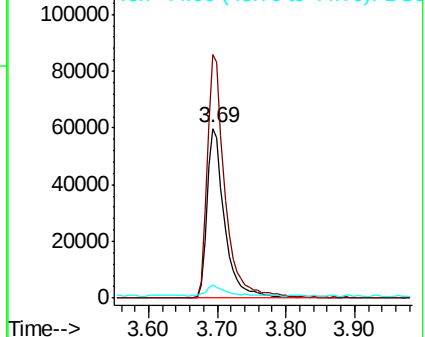
42 100

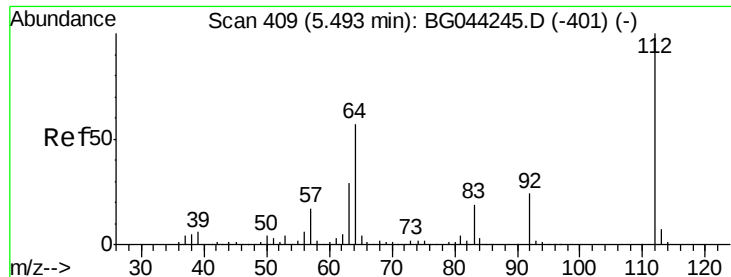
74 143.4 115.1 172.7

44 7.5 5.6 8.4



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: 83.789 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

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ClientSampleId :

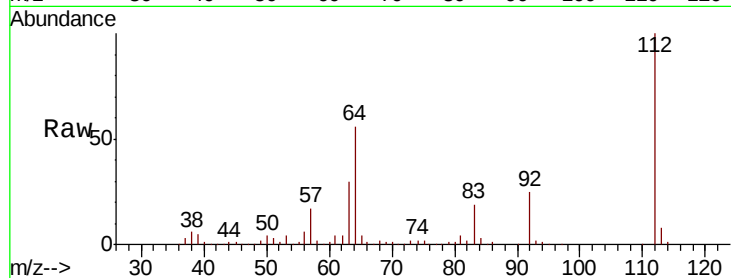
Tot Ion:112 Resp: 433240

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

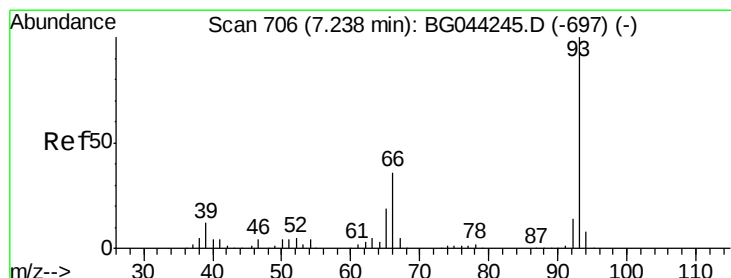
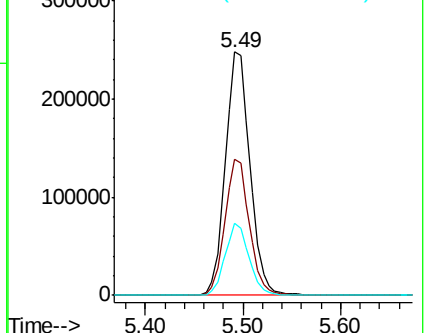
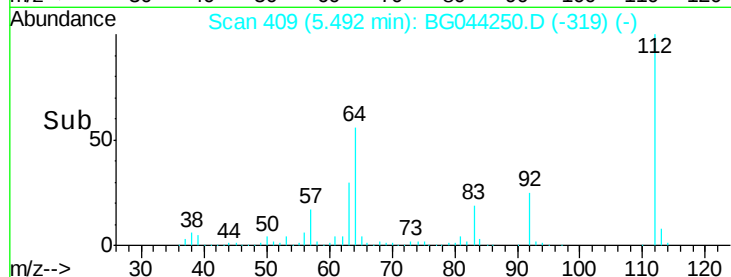
63 29.8 22.9 34.3



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: 41.494 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

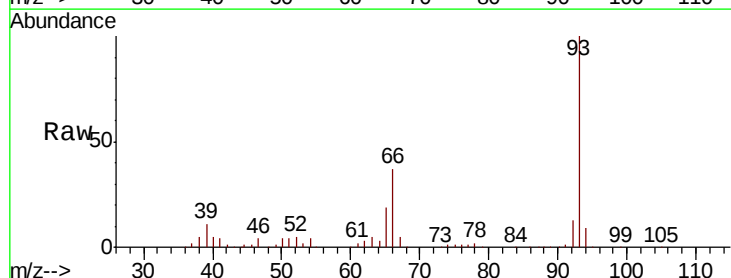
Tgt Ion: 93 Resp: 357616

Ion Ratio Lower Upper

93 100

66 36.6 28.7 43.1

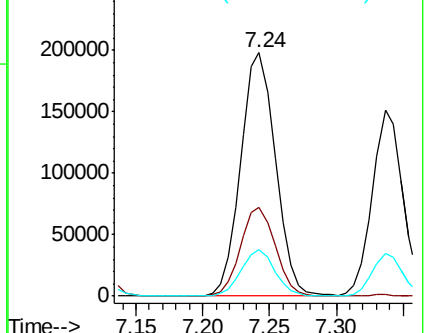
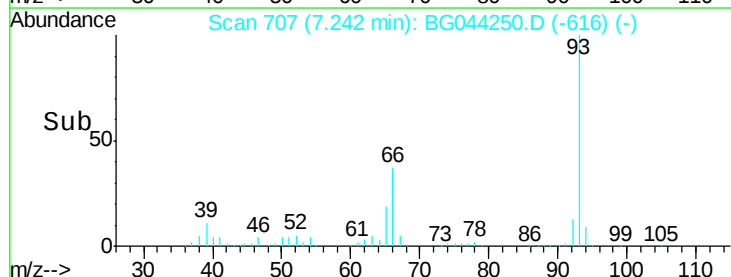
65 19.0 15.4 23.0

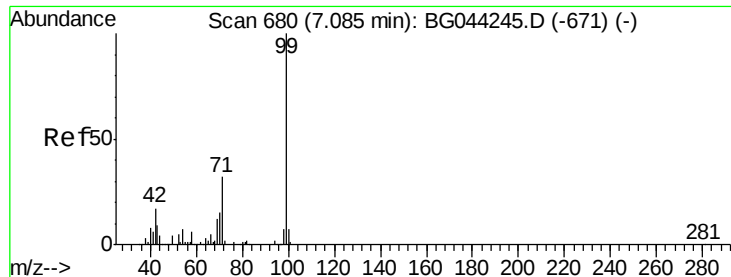


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.557 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044250.D

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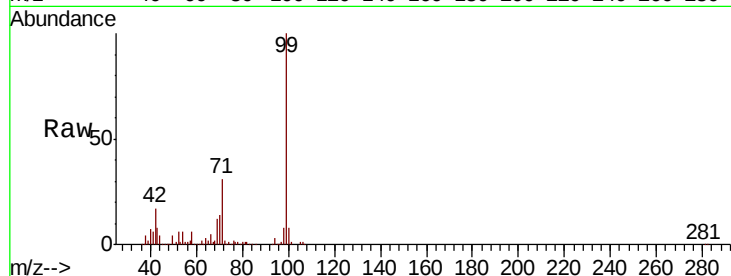
Tot Ion: 99 Resp: 580166

Ion Ratio Lower Upper

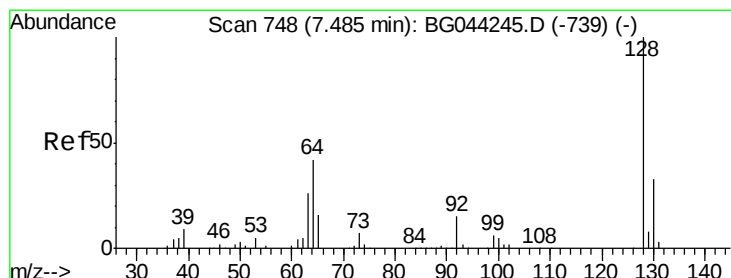
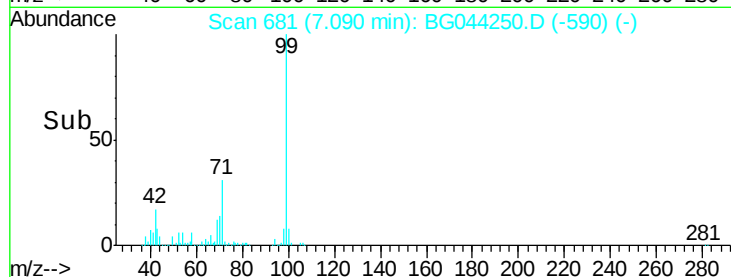
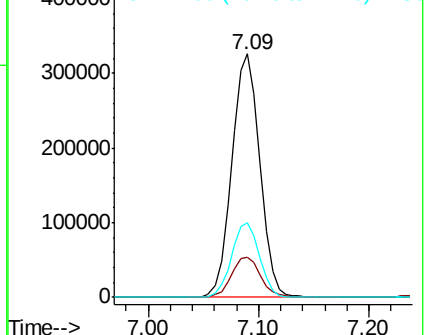
99 100

42 16.6 13.8 20.6

71 30.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.157 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

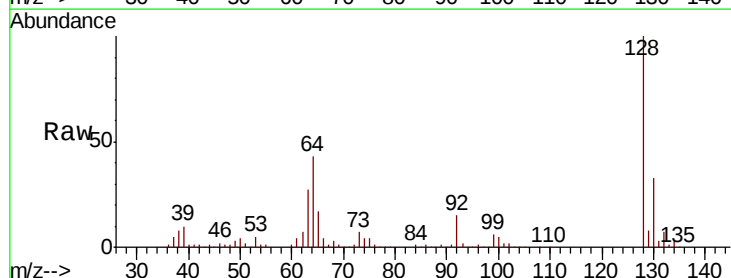
Tgt Ion: 128 Resp: 233880

Ion Ratio Lower Upper

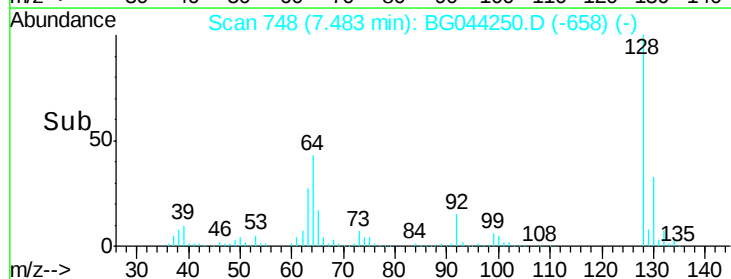
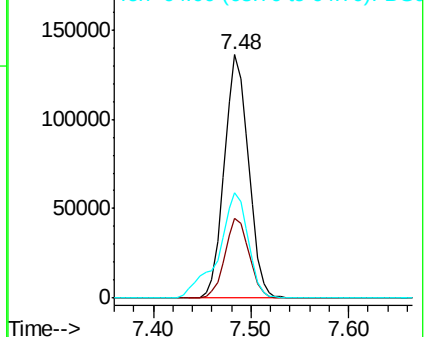
128 100

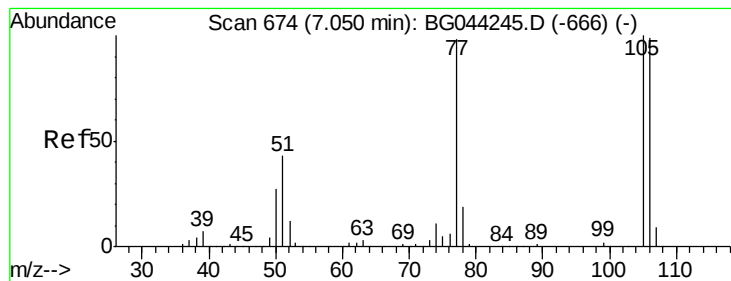
130 32.8 12.5 52.5

64 43.3 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.280 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

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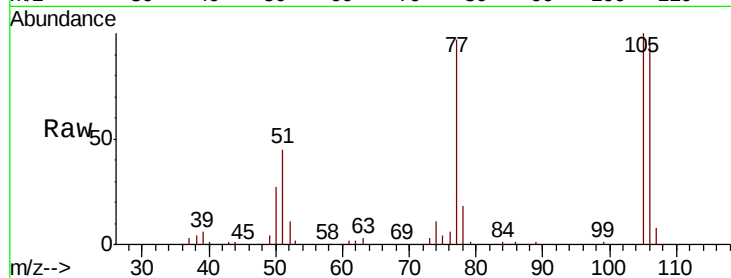
Tot Ion: 77 Resp: 159285

Ion Ratio Lower Upper

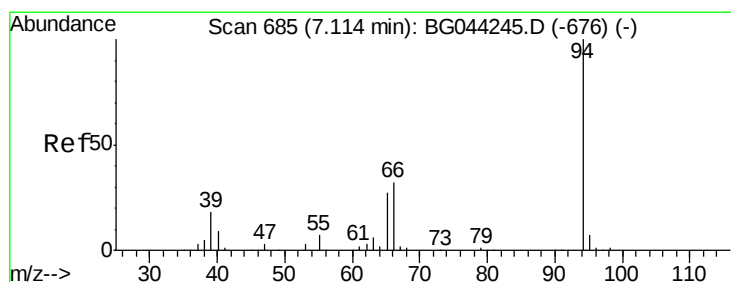
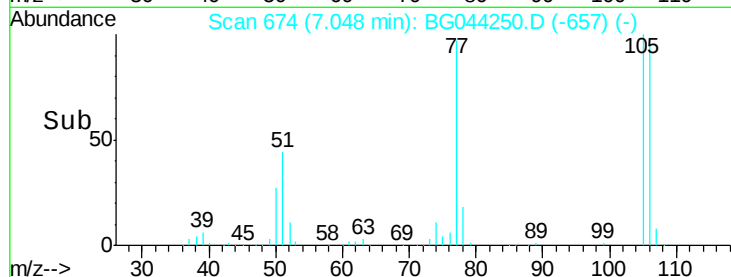
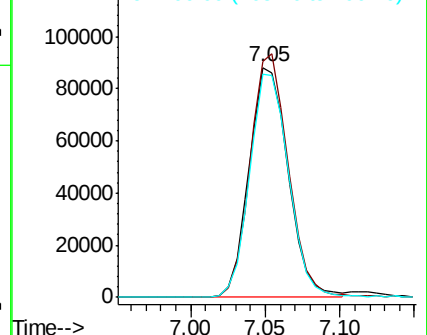
77 100

105 102.7 82.0 122.0

106 97.3 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.926 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

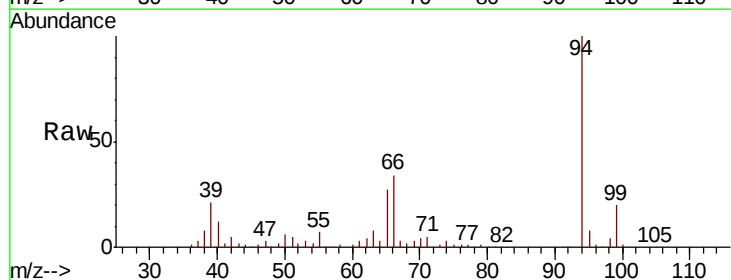
Tgt Ion: 94 Resp: 288102

Ion Ratio Lower Upper

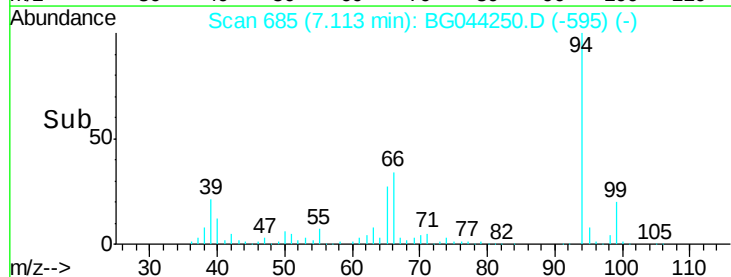
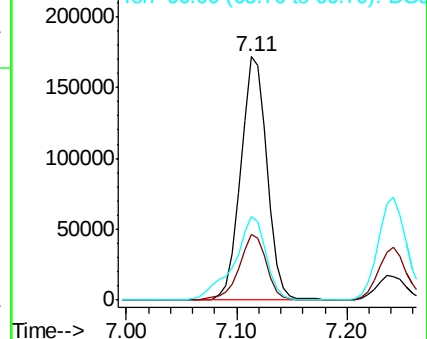
94 100

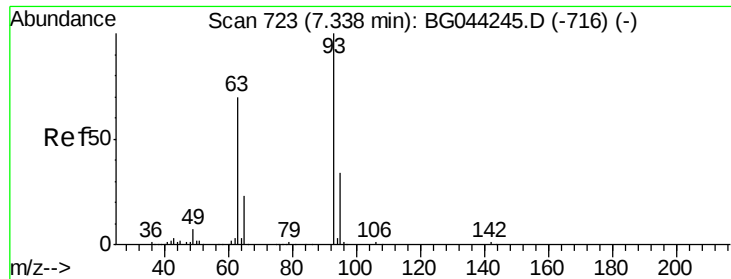
65 27.2 7.0 47.0

66 34.5 12.7 52.7



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

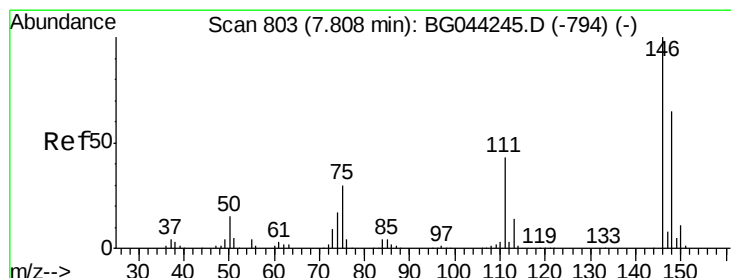
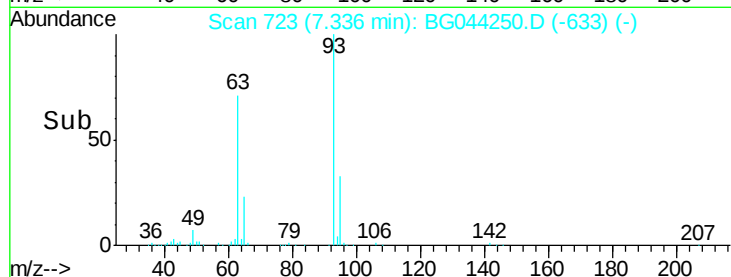
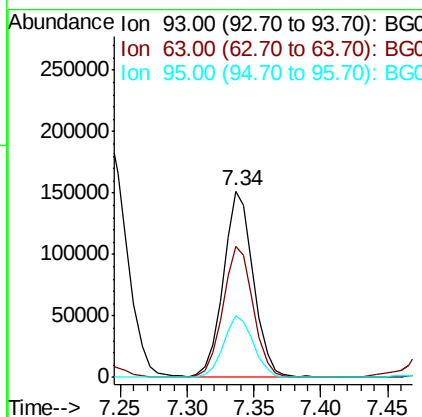
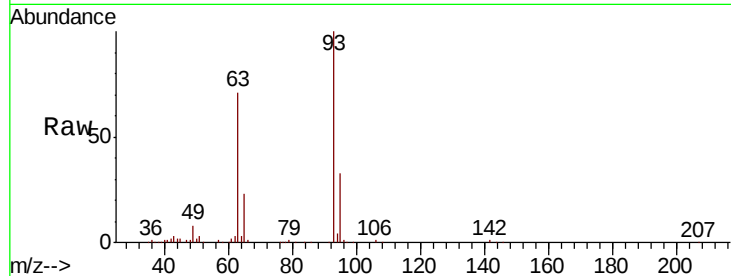




#11
bis(2-Chloroethyl)ether
Concen: 40.647 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

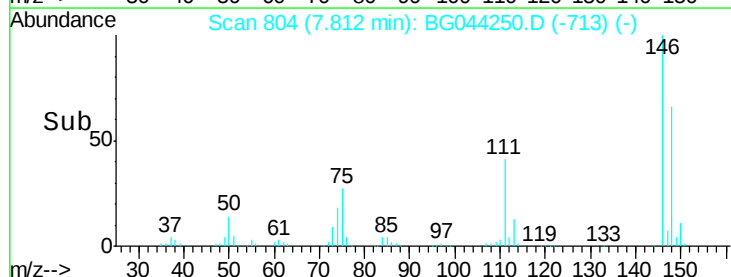
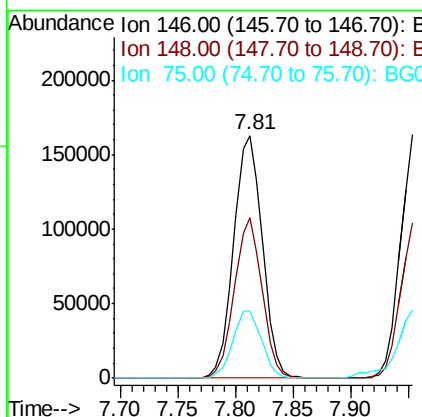
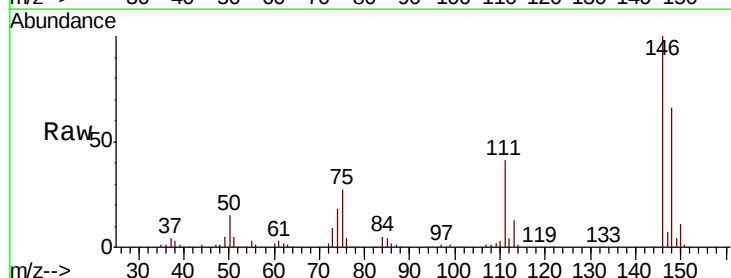
Instrument :
BNA_G
ClientSampleId :

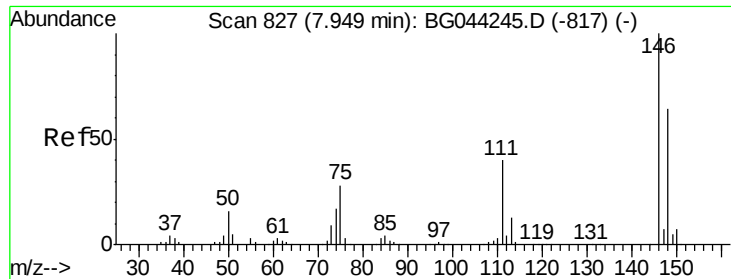
Tot Ion: 93 Resp: 238792
Ion Ratio Lower Upper
93 100
63 70.5 49.2 89.2
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.181 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion: 146 Resp: 279405
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.8
75 27.3 23.7 35.5

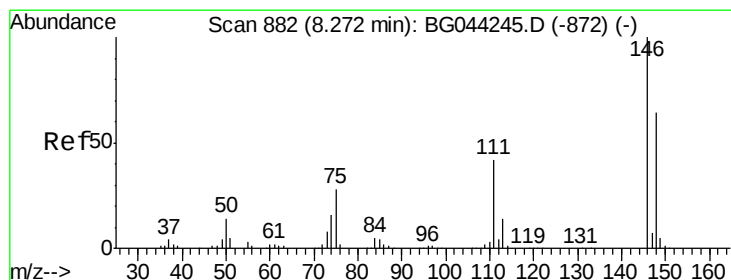
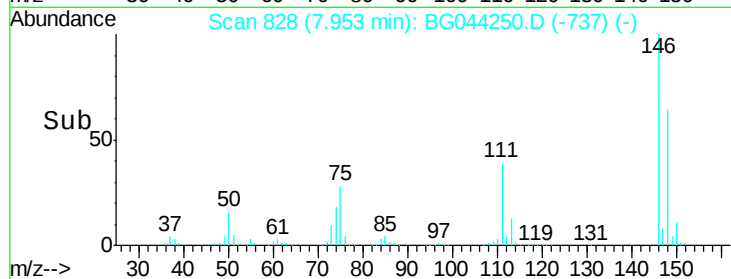
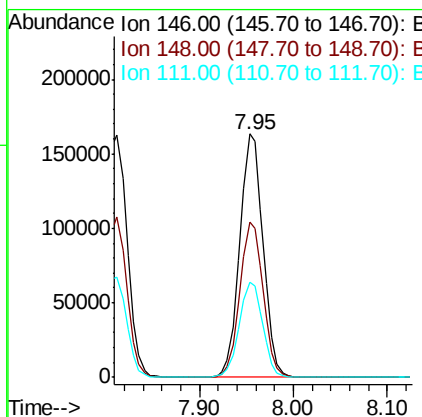
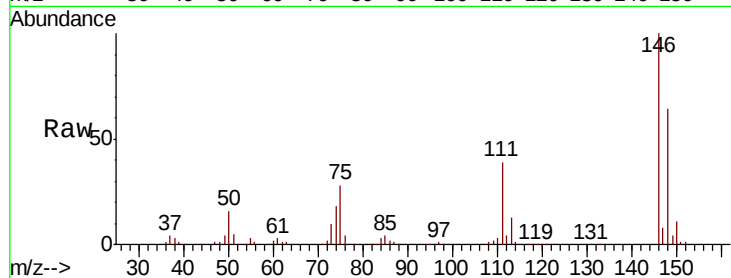




#13
 1,4-Dichlorobenzene
 Concen: 41.609 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

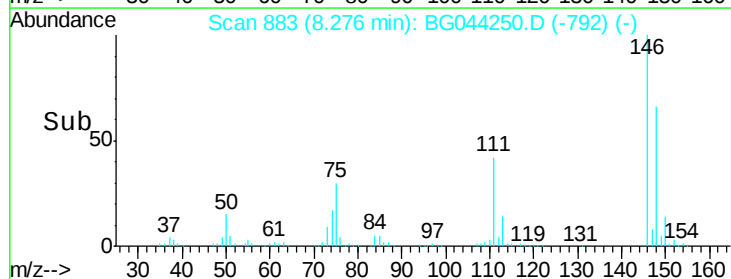
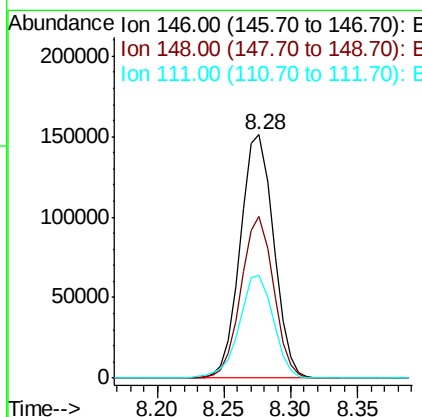
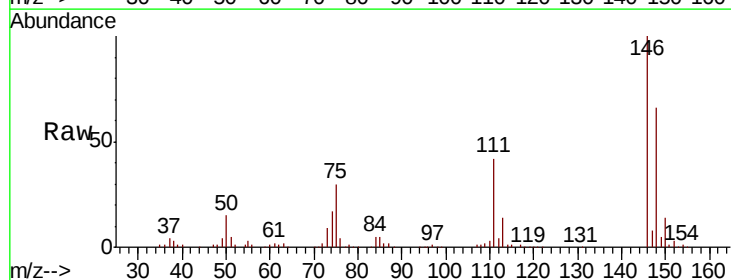
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 279611
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 39.0 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 41.251 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:146 Resp: 262013
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.2 76.8
 111 42.3 34.0 51.0





#15

Benzyl Alcohol

Concen: 41.704 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

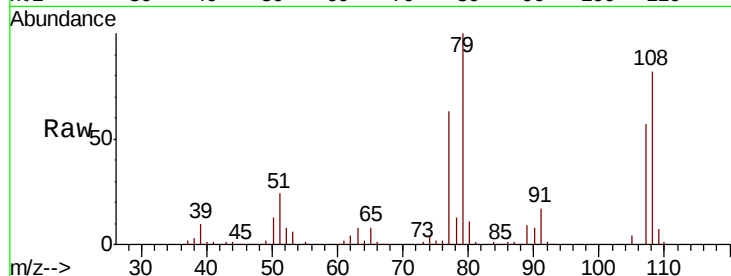
Tot Ion: 79 Resp: 205006

Ion Ratio Lower Upper

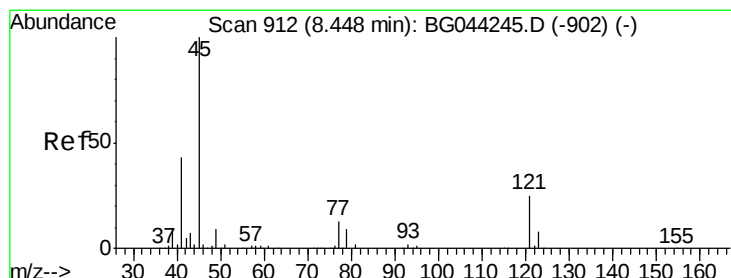
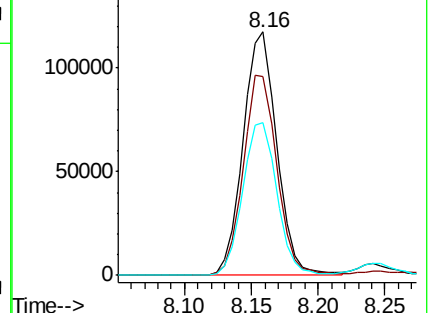
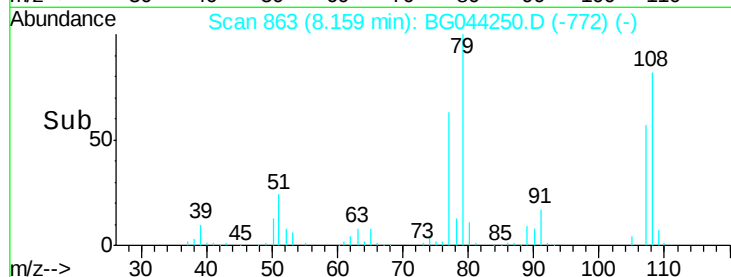
79 100

108 81.8 68.3 102.5

77 63.0 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.780 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

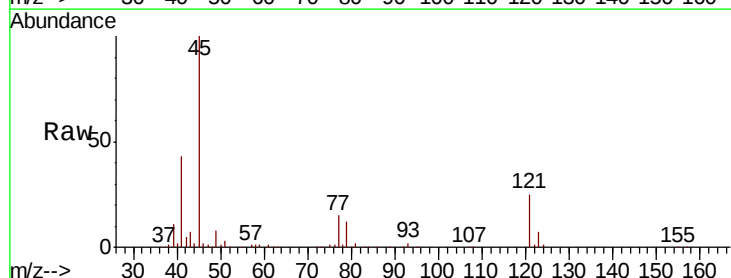
Tgt Ion: 45 Resp: 324257

Ion Ratio Lower Upper

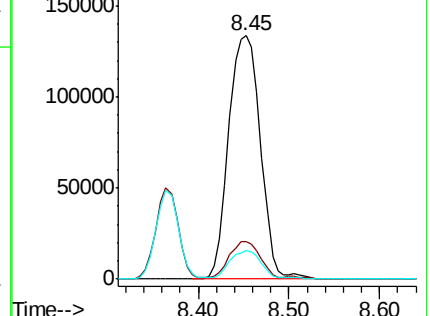
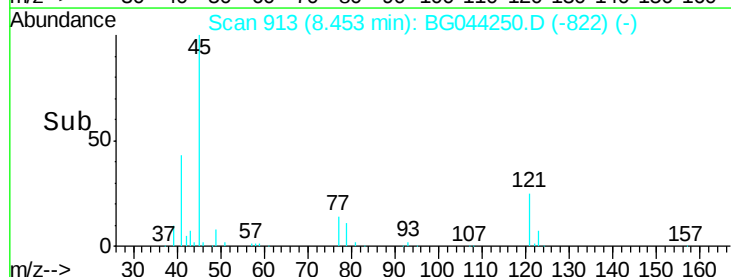
45 100

77 15.3 0.0 35.2

79 11.7 0.0 31.1



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





#17

2-Methylphenol

Concen: 41.318 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 202570

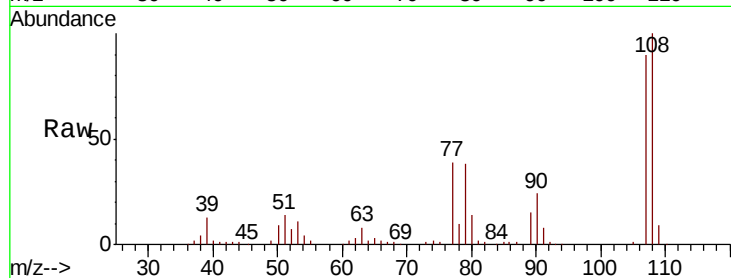
Ion Ratio Lower Upper

107 100

108 110.9 86.4 129.6

77 43.3 34.0 51.0

79 41.7 32.9 49.3

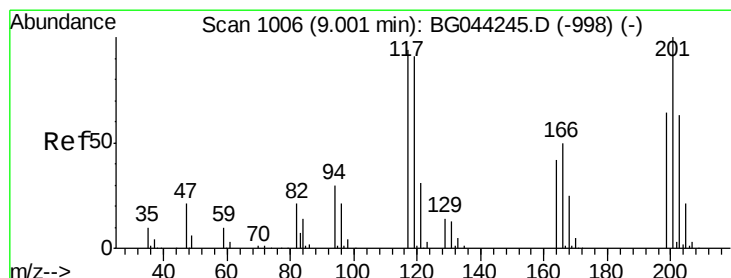
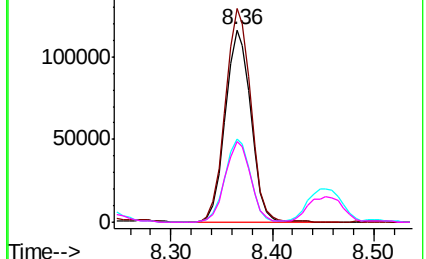
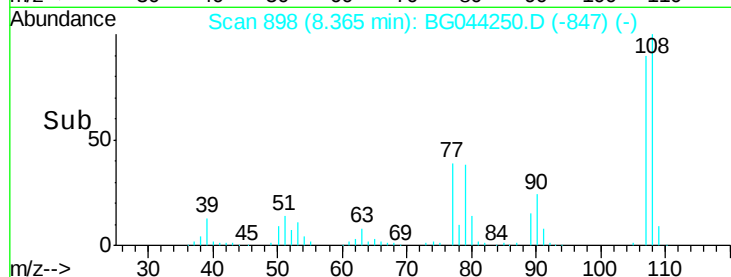


Abundance Ion 107.00 (106.70 to 107.70): E

200000 Ion 108.00 (107.70 to 108.70): E

150000 Ion 77.00 (76.70 to 77.70): BG

100000 Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.248 ng

RT: 9.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

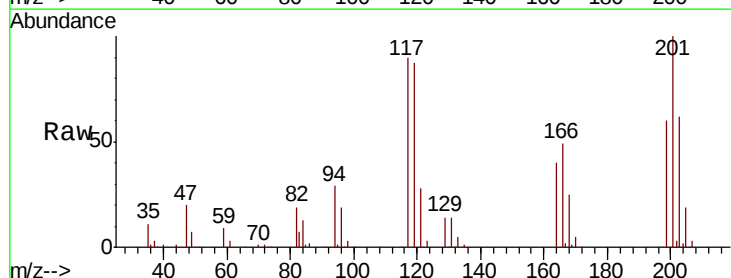
Tgt Ion:117 Resp: 104016

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

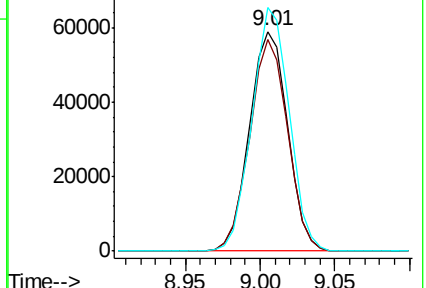
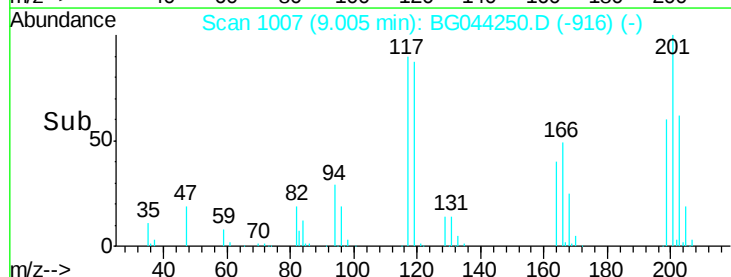
201 110.7 84.9 127.3

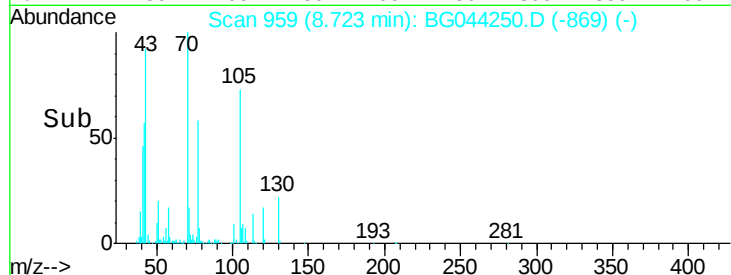
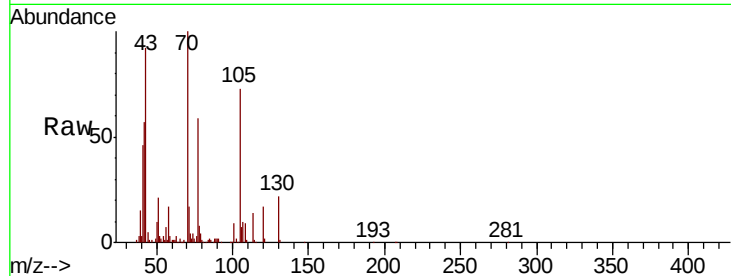


Abundance Ion 117.00 (116.70 to 117.70): E

80000 Ion 119.00 (118.70 to 119.70): E

60000 Ion 201.00 (200.70 to 201.70): E

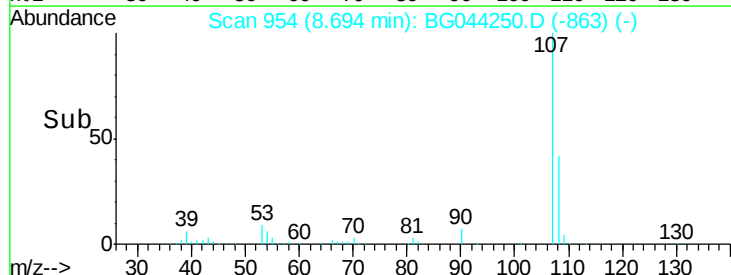
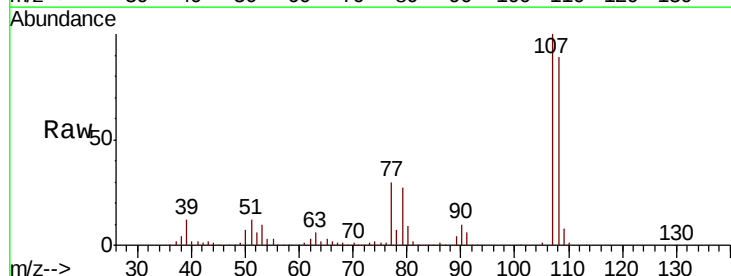
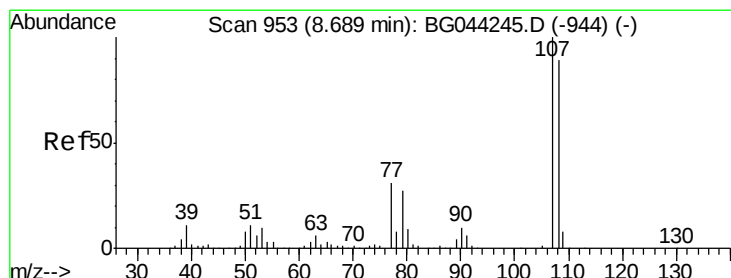
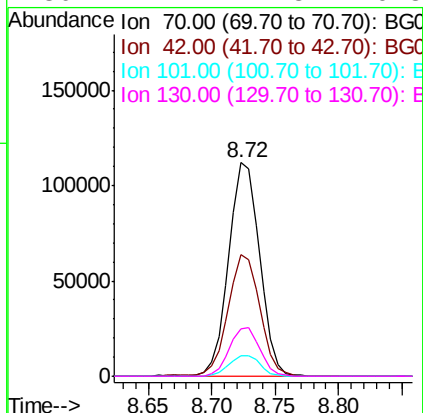




#19
n-Nitroso-di-n-propylamine
Concen: 41.000 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

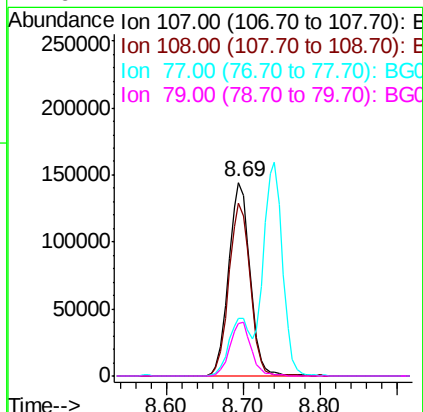
Instrument :
BNA_G
ClientSampleId :

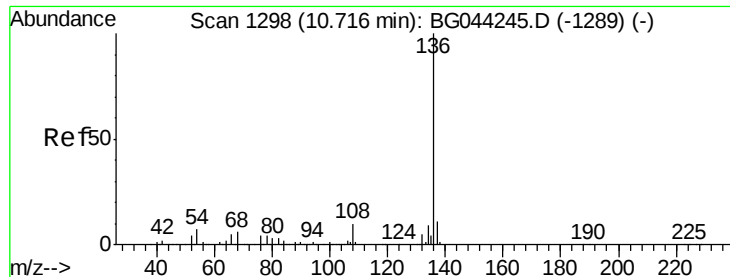
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	46.2	69.2
101	9.4	8.4	12.6
130	22.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.483 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	29.8	10.9	50.9
79	27.2	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 381331

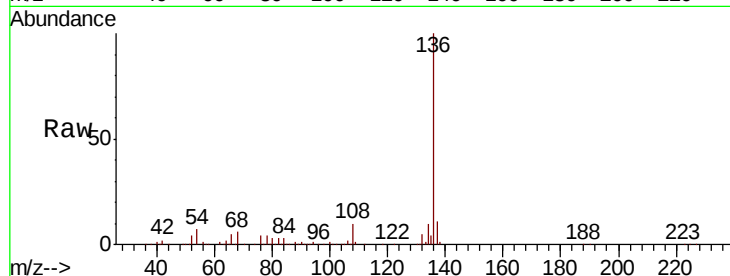
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.3 5.8 8.8

68 6.2 4.6 6.8

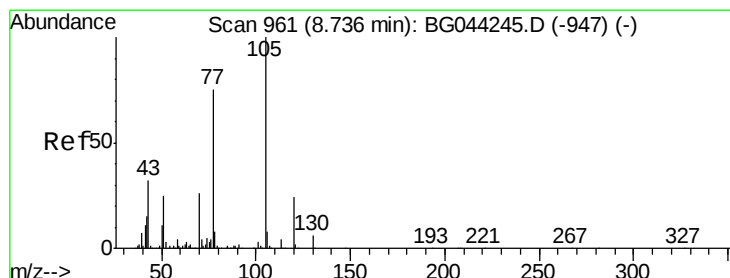
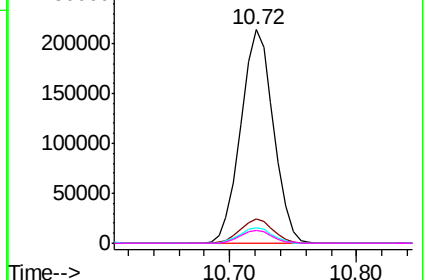
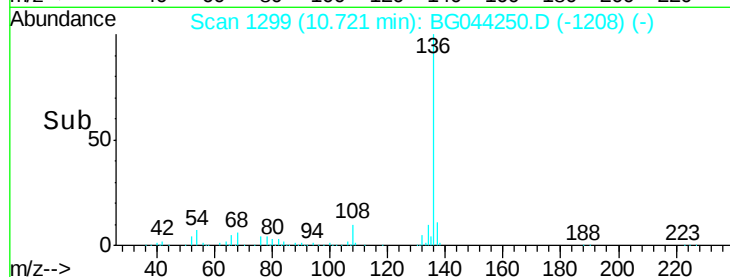


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.140 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:105 Resp: 372363

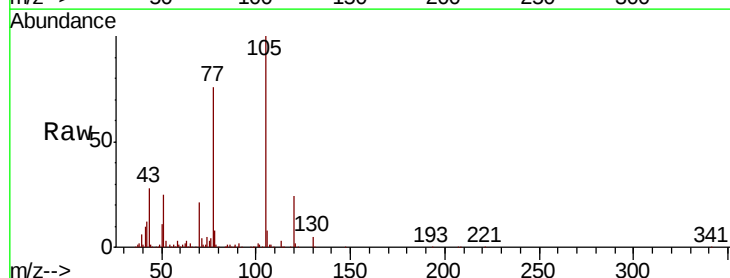
Ion Ratio Lower Upper

105 100

71 3.7 3.4 5.0

51 25.0 20.2 30.4

120 24.2 19.1 28.7

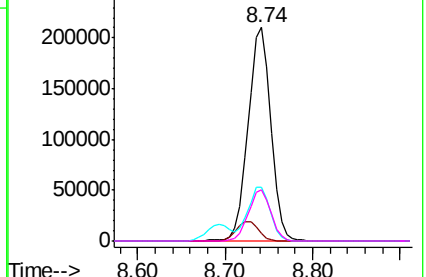
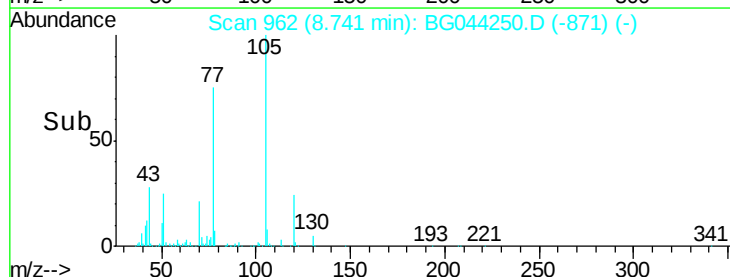


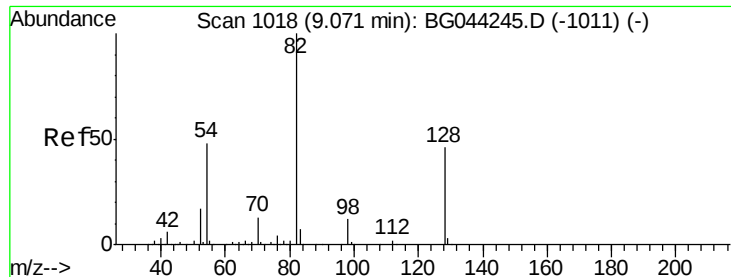
Abundance Ion 105.00 (104.70 to 105.70): E

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

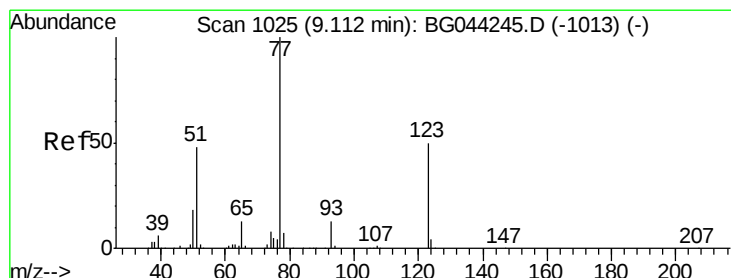
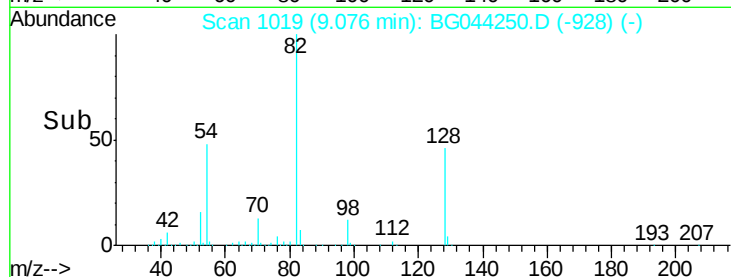
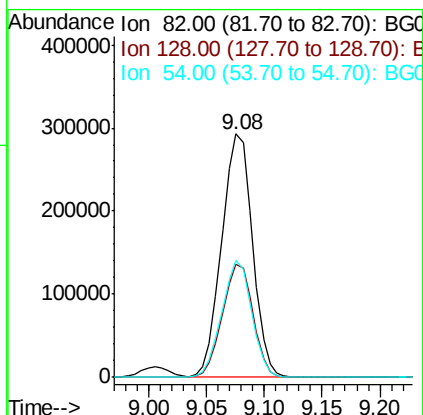
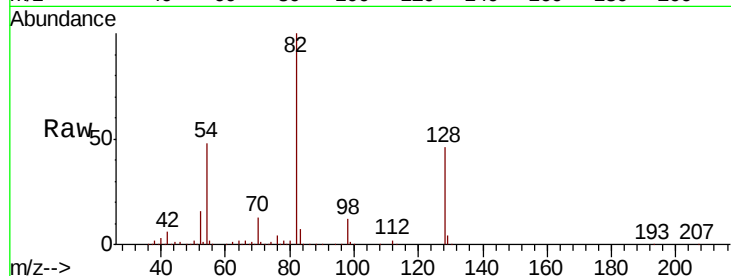




#23
 Nitrobenzene-d5
 Concen: 80.180 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

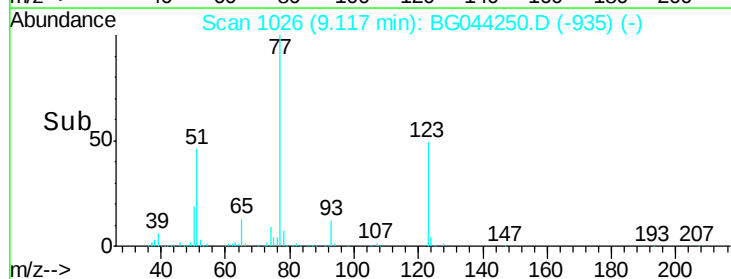
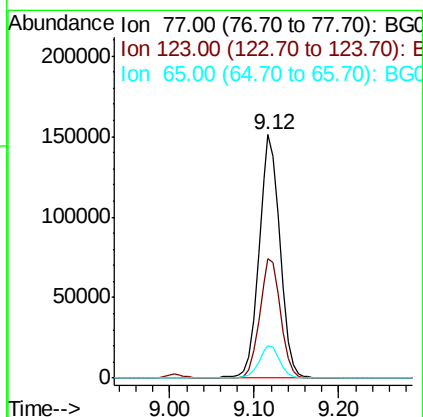
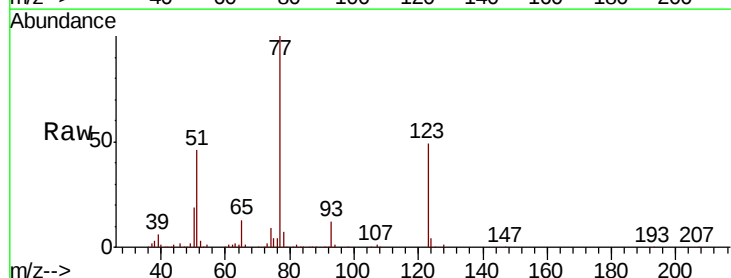
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	541572
Ion Ratio	100	Lower	Upper
128	46.4	36.5	54.7
54	48.1	38.6	58.0



#24
 Nitrobenzene
 Concen: 39.818 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion	77	Resp	262560
Ion Ratio	100	Lower	Upper
123	49.1	39.9	59.9
65	13.1	10.4	15.6





#25

Isophorone

Concen: 39.546 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

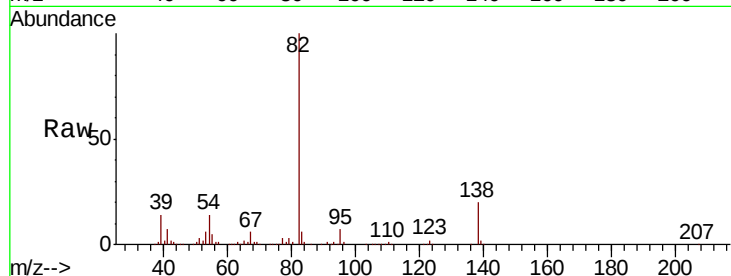
Tot Ion: 82 Resp: 497864

Ion Ratio Lower Upper

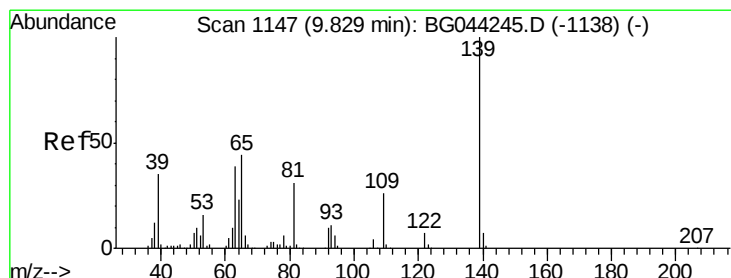
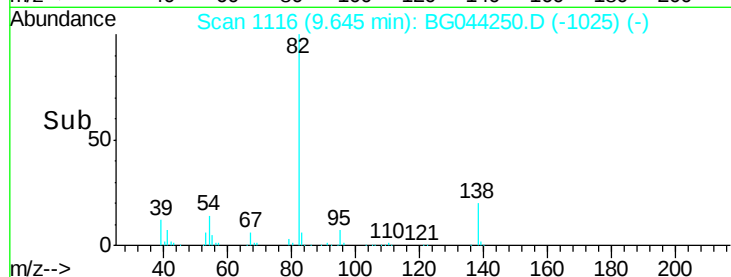
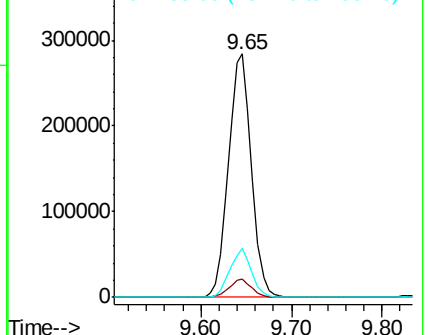
82 100

95 7.3 5.7 8.5

138 20.1 15.0 22.4



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: 40.244 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

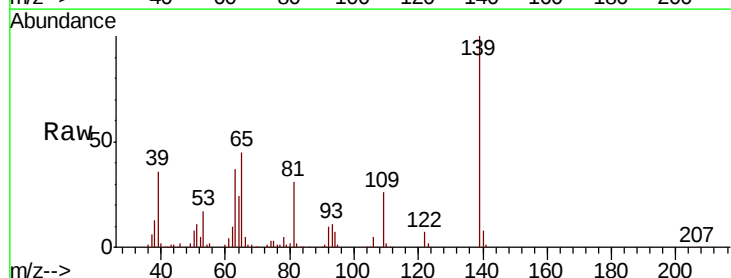
Tgt Ion: 139 Resp: 137697

Ion Ratio Lower Upper

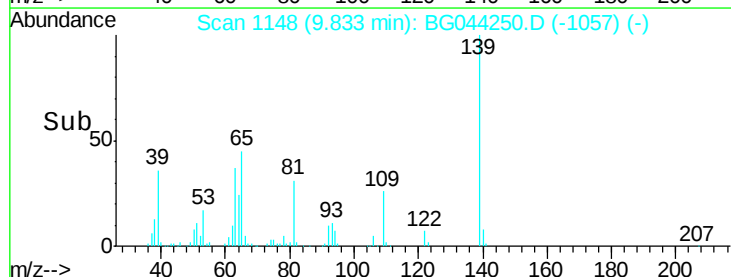
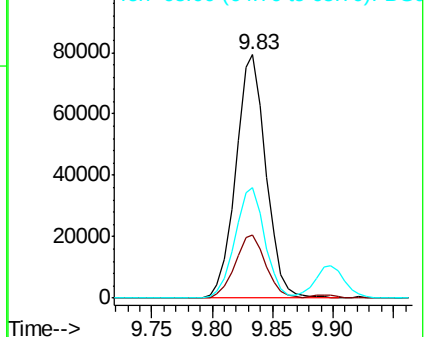
139 100

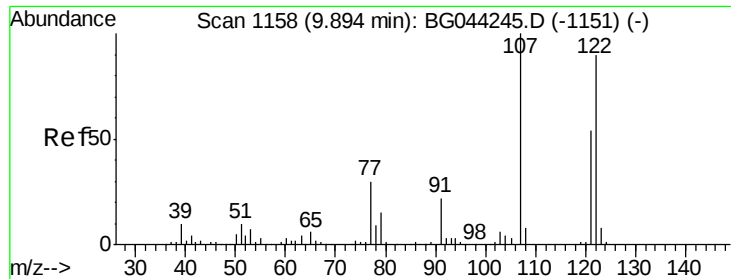
109 25.8 21.0 31.4

65 45.2 35.0 52.4



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

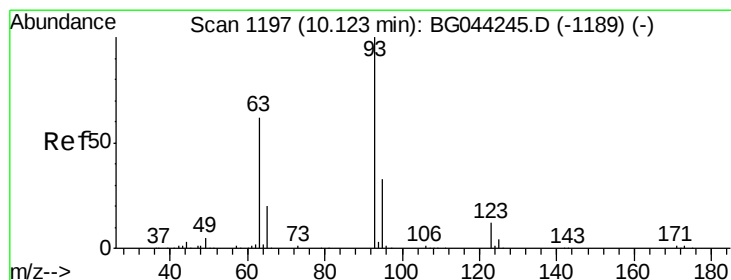
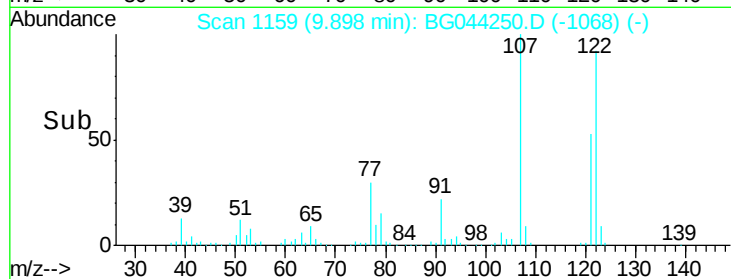
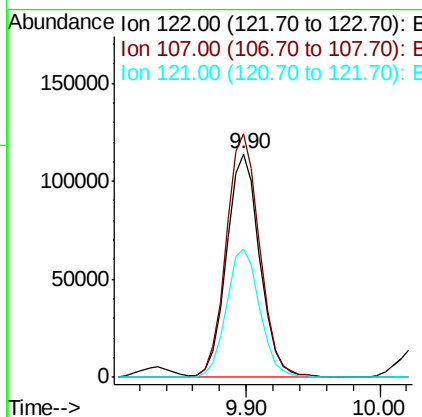
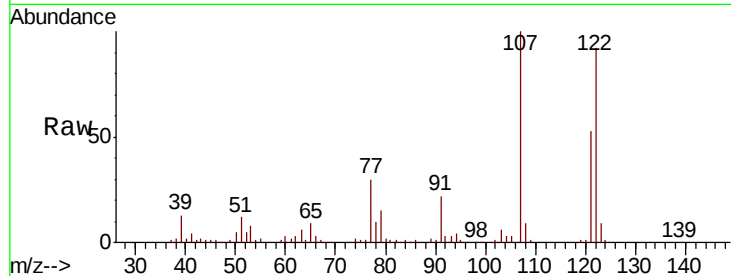




#27
2,4-Dimethylphenol
Concen: 40.800 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

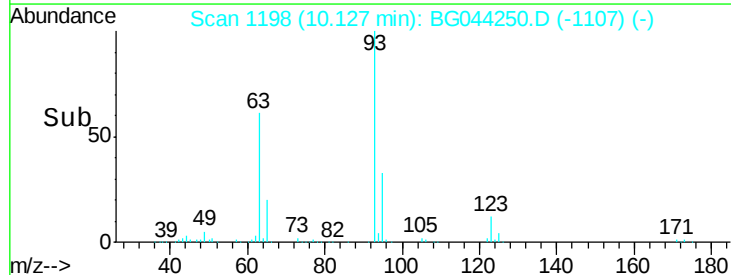
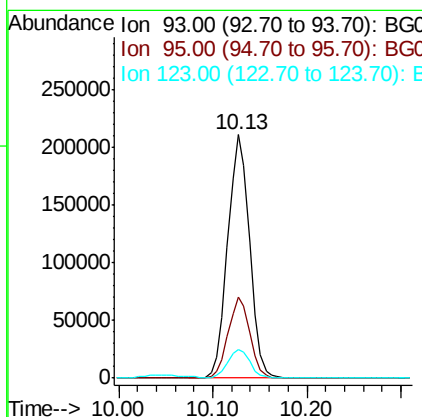
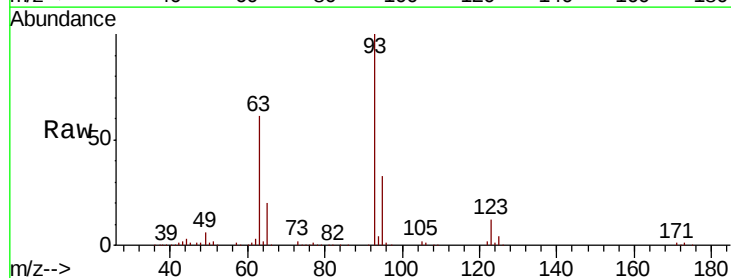
Instrument :
BNA_G
ClientSampleId :

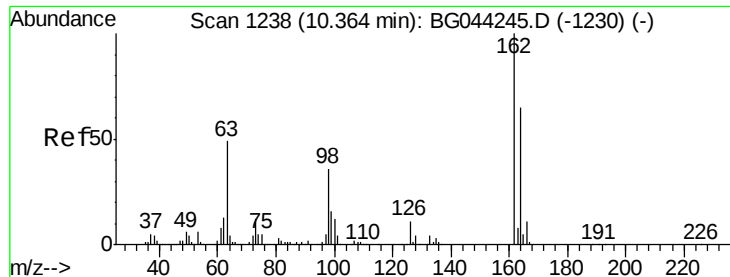
Tot Ion:122 Resp: 197060
Ion Ratio Lower Upper
122 100
107 108.9 88.8 133.2
121 57.6 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.500 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion: 93 Resp: 340131
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 11.8 10.0 15.0

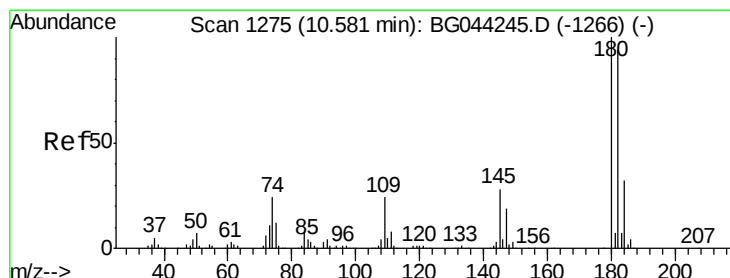
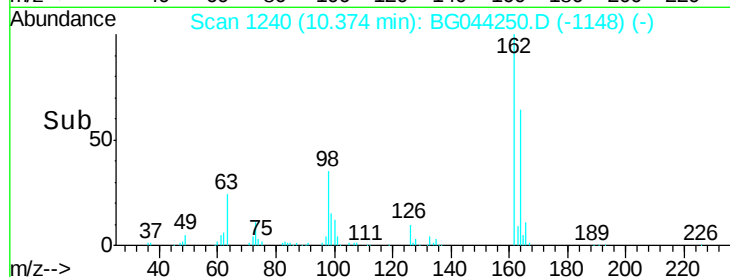
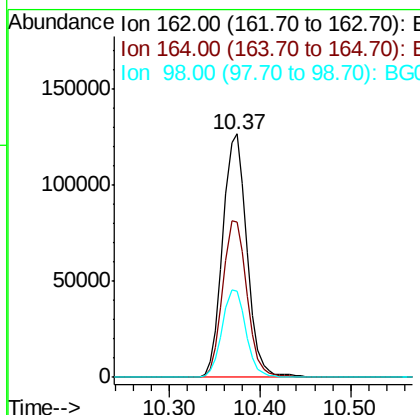
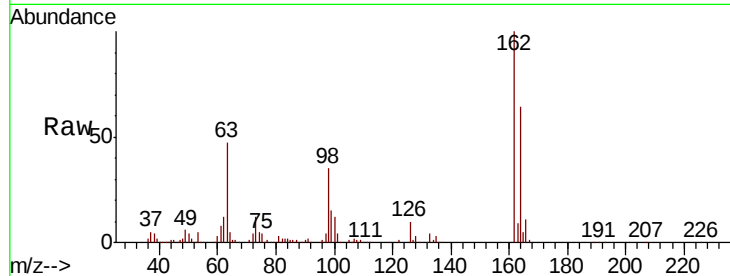




#29
2,4-Dichlorophenol
Concen: 40.211 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

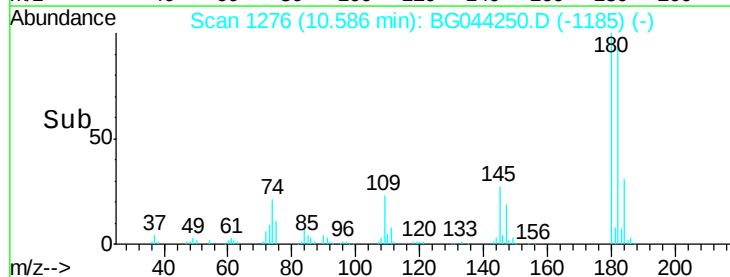
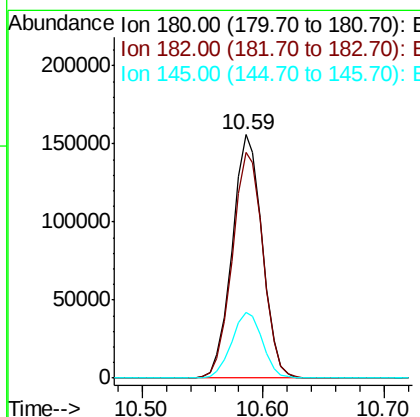
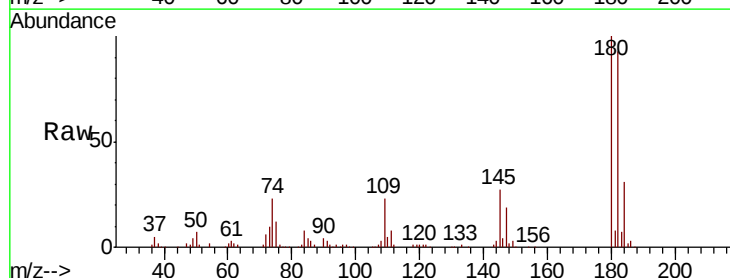
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.7	84.7
98	35.5	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 40.215 ng
RT: 10.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.5	113.3
145	27.1	22.6	34.0

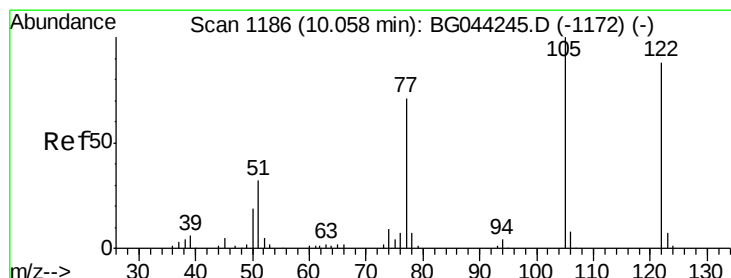
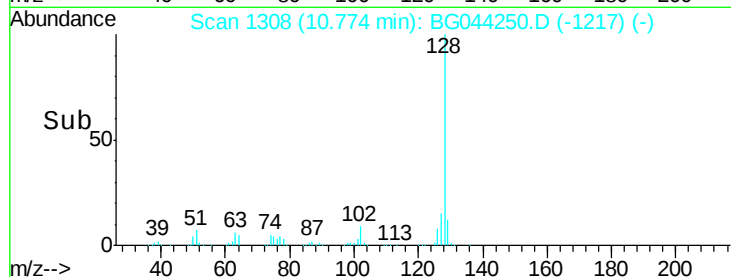
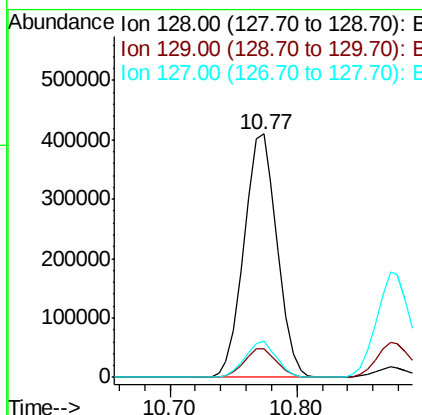
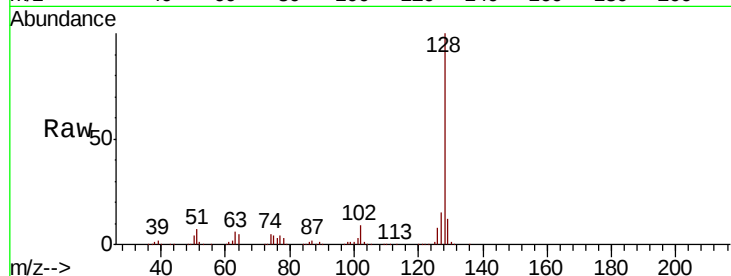




#31
Naphthalene
Concen: 40.201 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

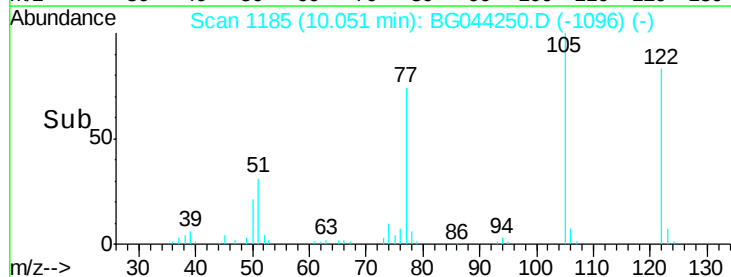
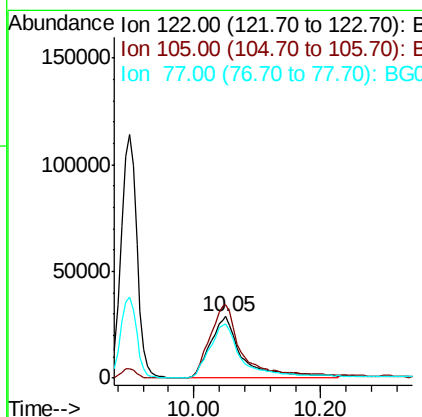
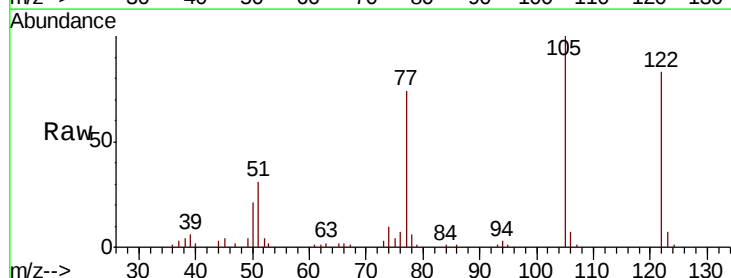
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 743753
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 36.627 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:122 Resp: 101366
Ion Ratio Lower Upper
122 100
105 120.6 93.5 133.5
77 89.3 61.0 101.0

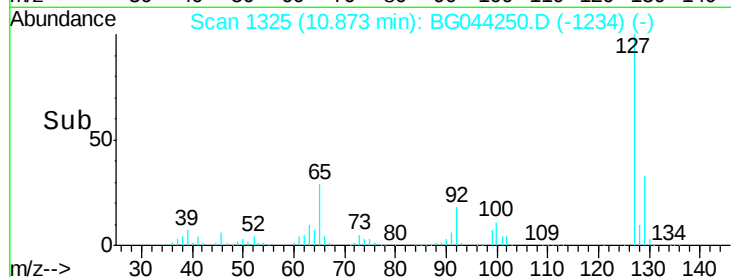
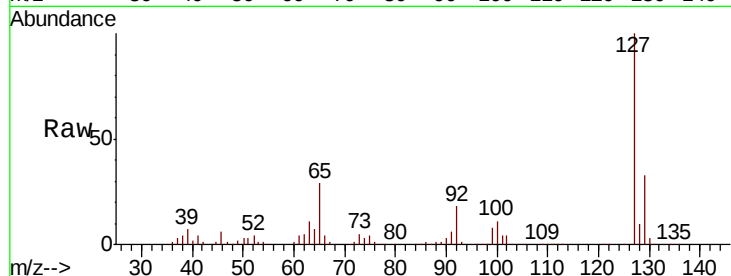




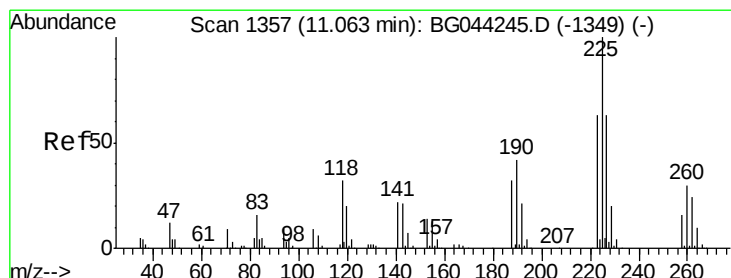
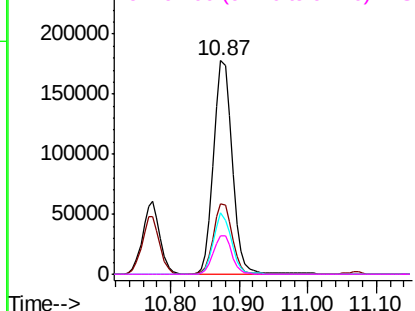
#33
4-Chloroaniline
Concen: 40.176 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	338057
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.6 40.0
65	28.8	22.5 33.7
92	18.3	14.1 21.1

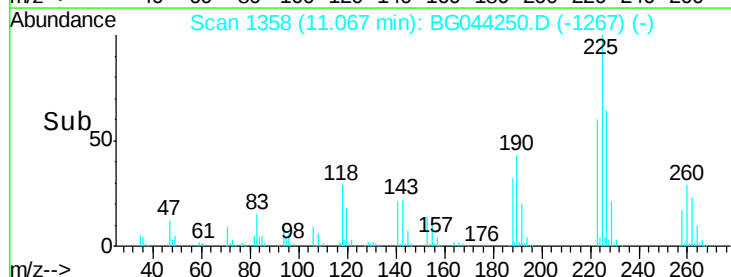
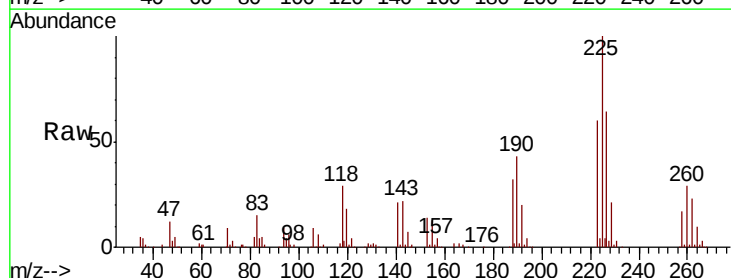


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

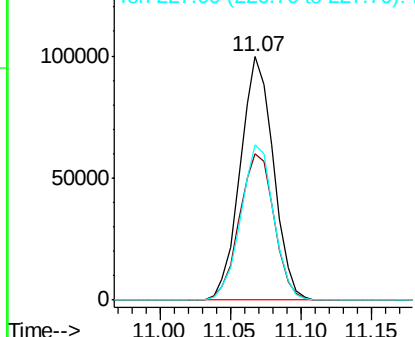


#34
Hexachlorobutadiene
Concen: 39.768 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:225	Resp:	163866
Ion	Ratio	Lower Upper
225	100	
223	60.1	50.2 75.4
227	63.9	50.8 76.2



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





#35

Caprolactam

Concen: 39.841 ng

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

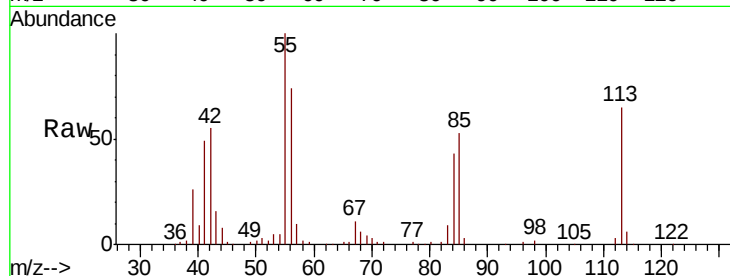
Tot Ion:113 Resp: 85234

Ion Ratio Lower Upper

113 100

55 155.0 129.9 169.9

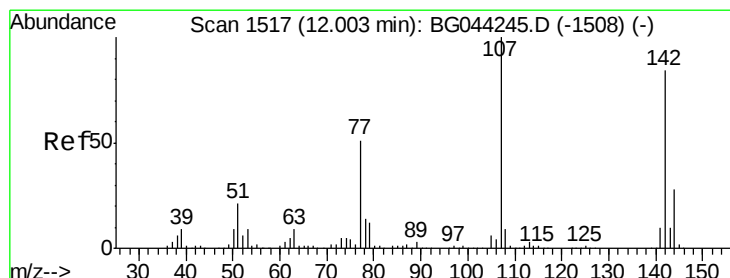
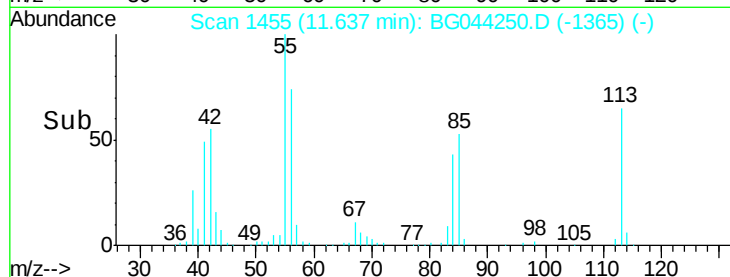
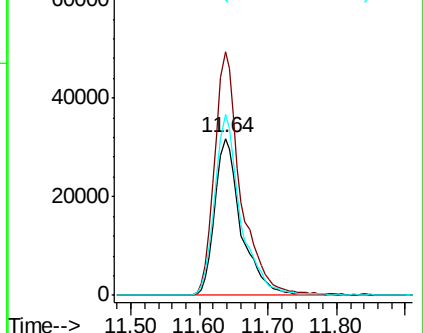
56 115.1 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.593 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

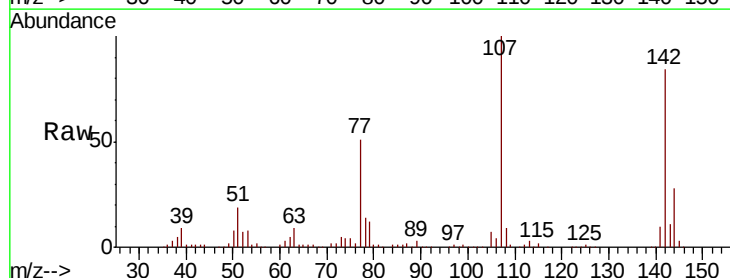
Tgt Ion:107 Resp: 242430

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.4

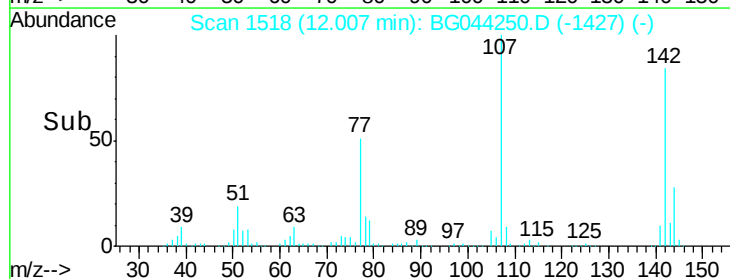
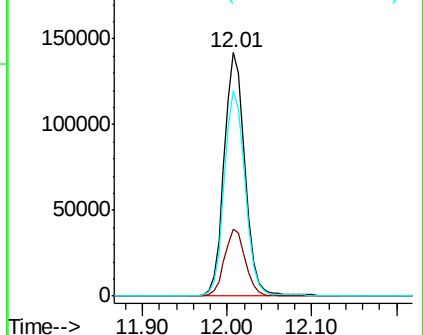
142 84.4 67.4 101.0

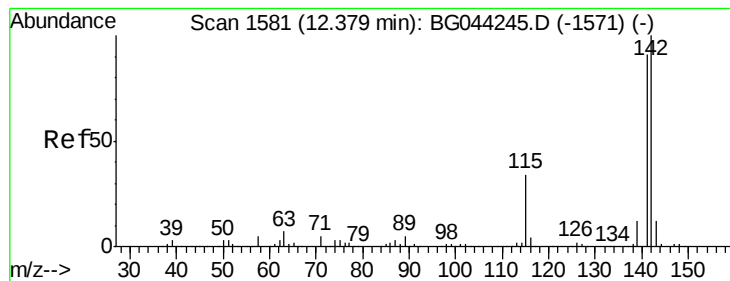


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.889 ng

RT: 12.38 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

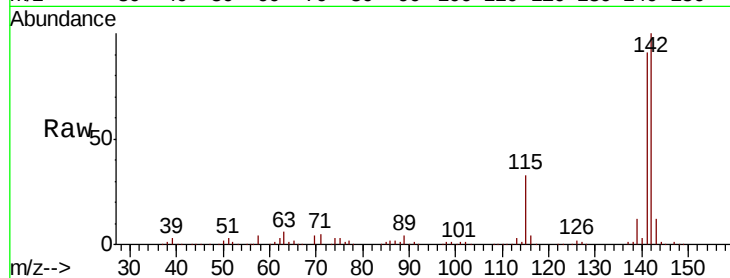
Tot Ion:142 Resp: 547935

Ion Ratio Lower Upper

142 100

141 90.7 73.2 109.8

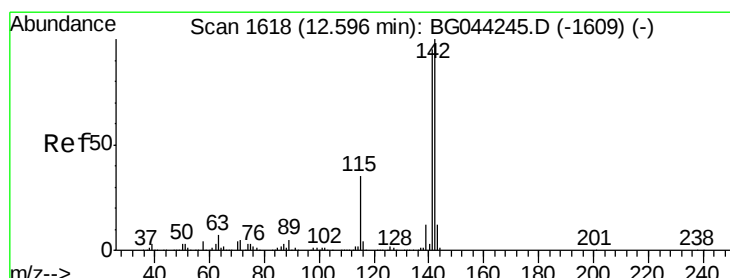
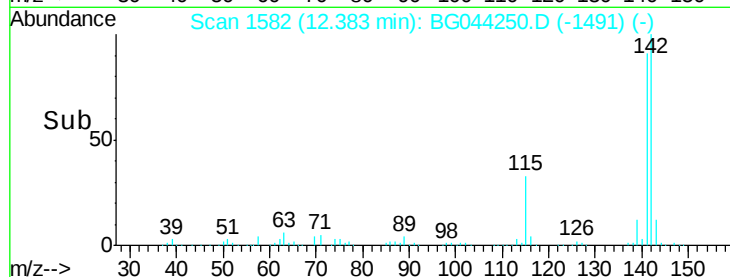
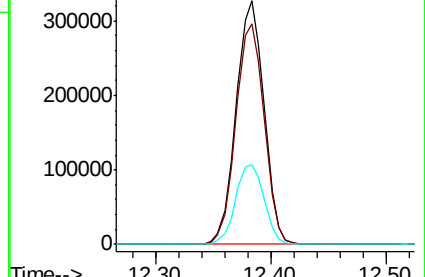
115 32.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.859 ng

RT: 12.60 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

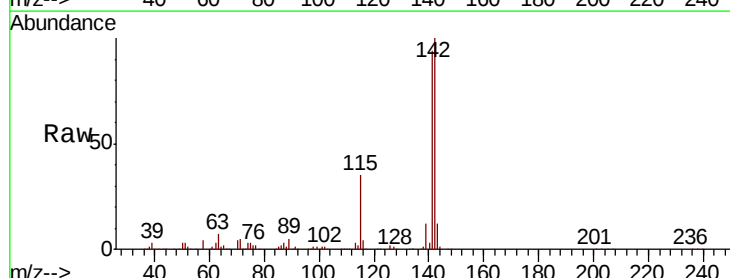
Tgt Ion:142 Resp: 516199

Ion Ratio Lower Upper

142 100

141 94.4 75.8 113.6

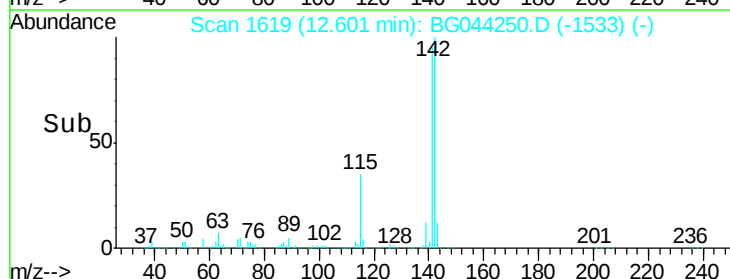
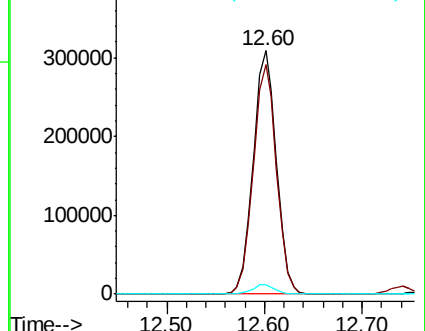
116 3.8 3.1 4.7



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: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

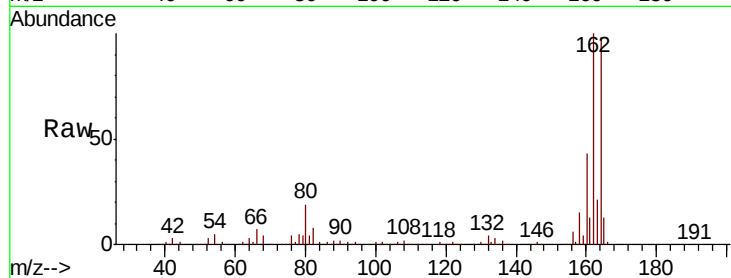
Tot Ion:164 Resp: 243126

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

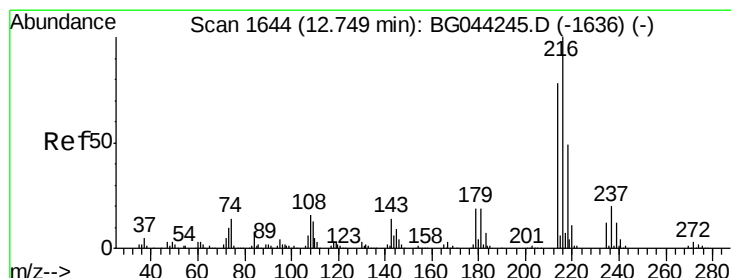
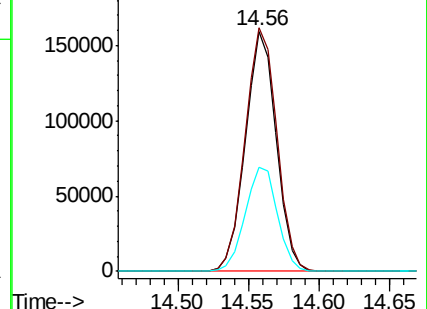
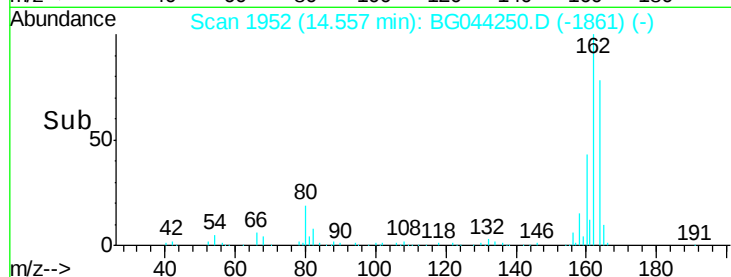
160 43.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.367 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:216 Resp: 293577

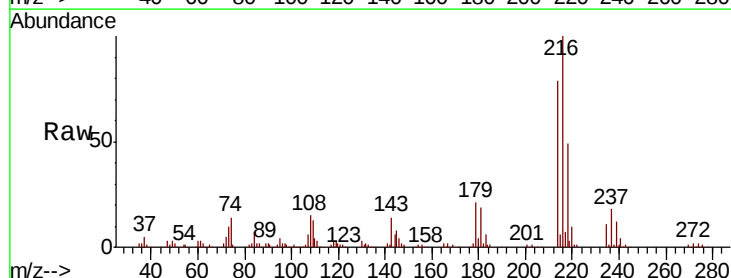
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.7 16.2 24.4

108 16.8 13.5 20.3

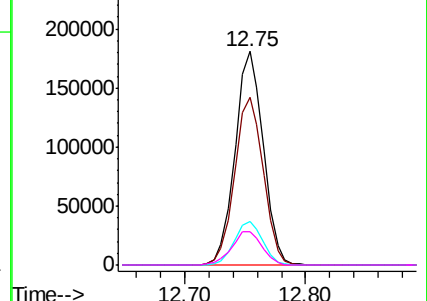
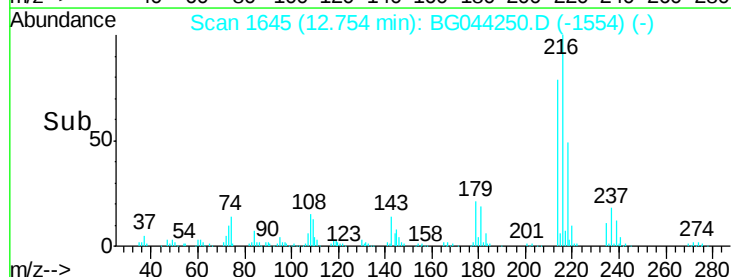


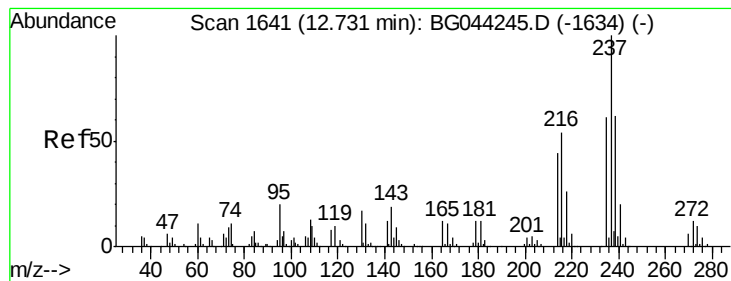
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.557 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

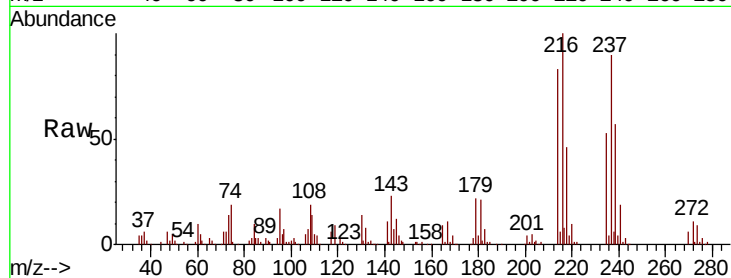
Tot Ion:237 Resp: 141529

Ion Ratio Lower Upper

237 100

235 59.4 41.2 81.2

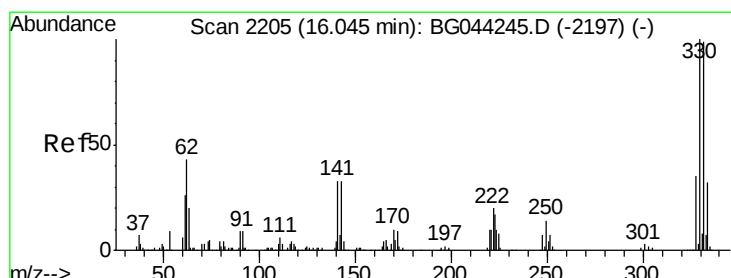
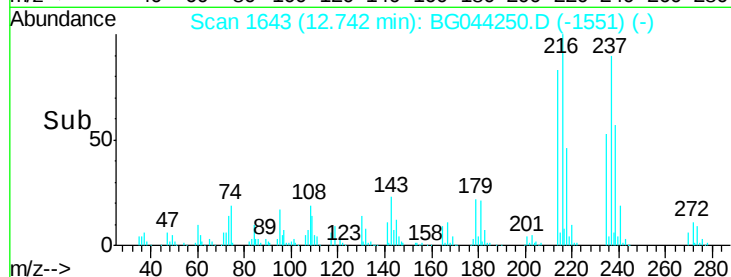
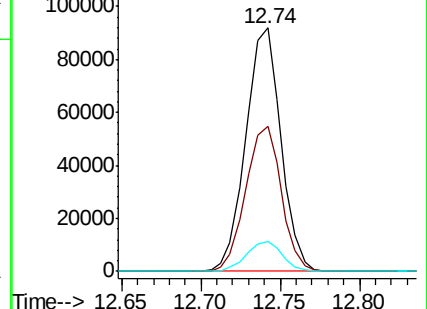
272 12.1 0.0 32.4



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: 79.913 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

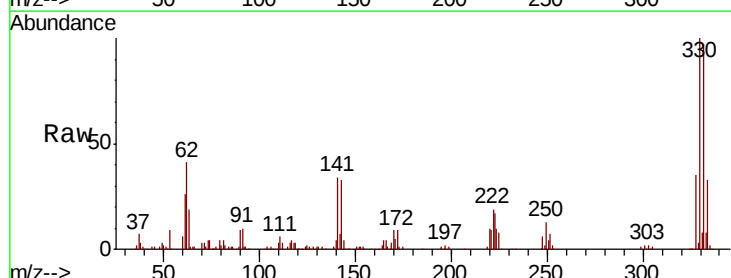
Tgt Ion:330 Resp: 228084

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

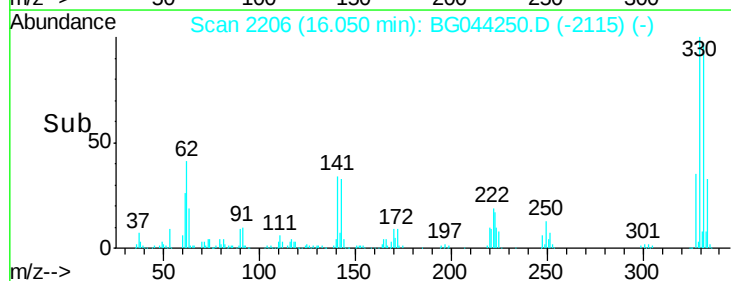
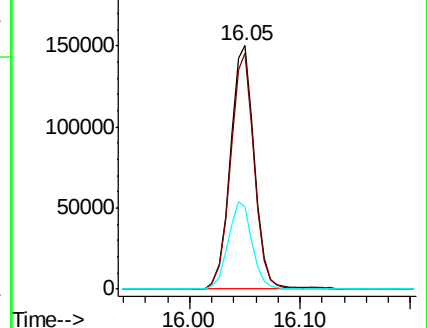
141 35.8 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

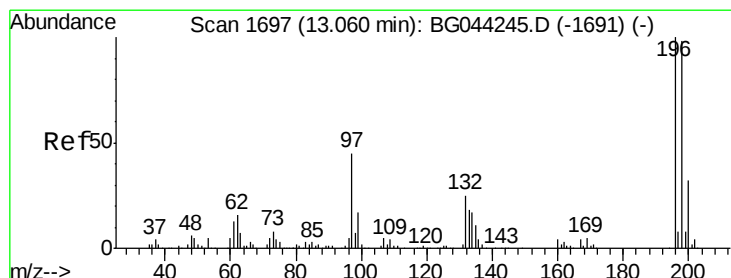
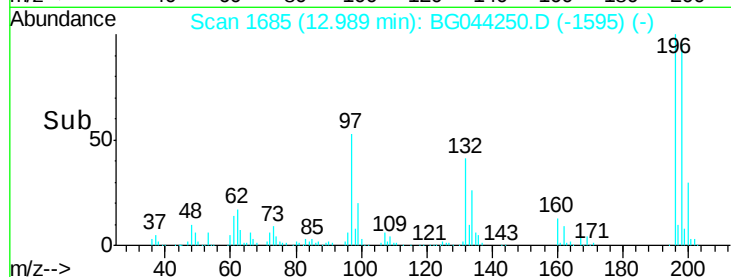
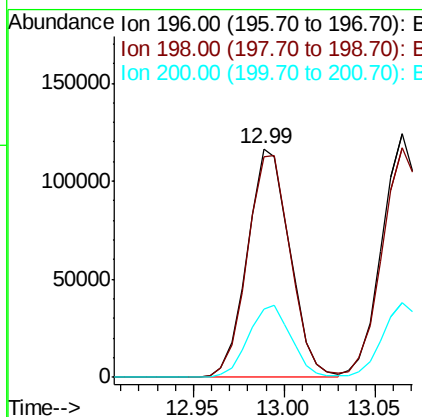
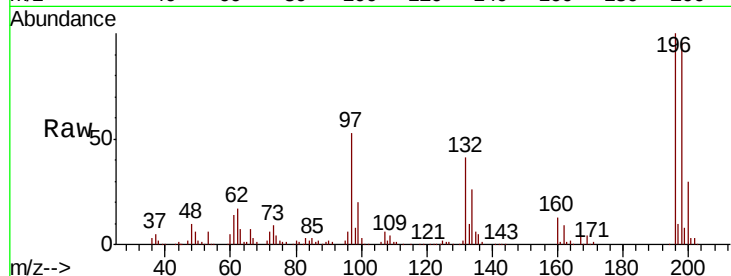




#43
 2,4,6-Trichlorophenol
 Concen: 40.310 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

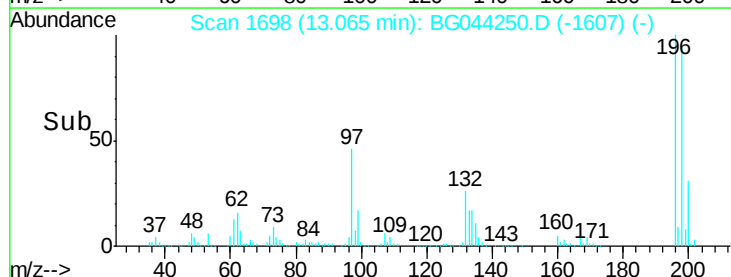
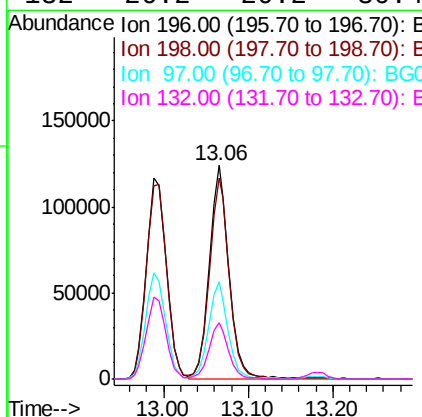
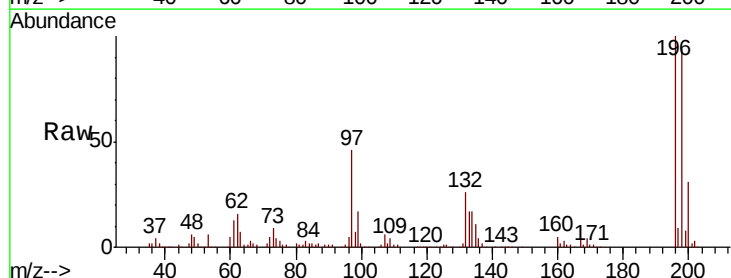
Instrument :
 BNA_G
 ClientSampleId :

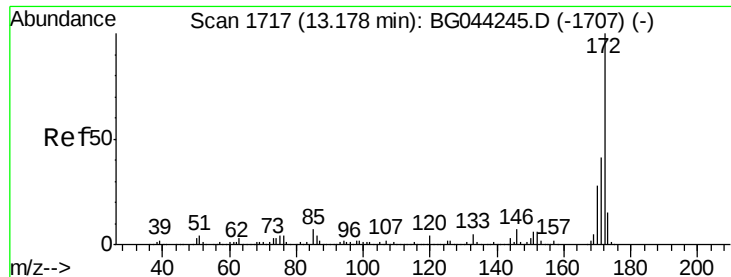
Tot Ion	196	Resp	189491
Ion Ratio	Lower	Upper	
196	100		
198	96.4	79.3	118.9
200	29.9	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.986 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion	196	Resp	201597
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.2	117.2
97	45.6	36.2	54.4
132	26.2	20.2	30.4



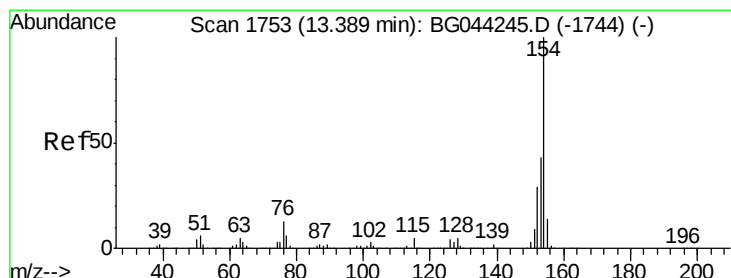
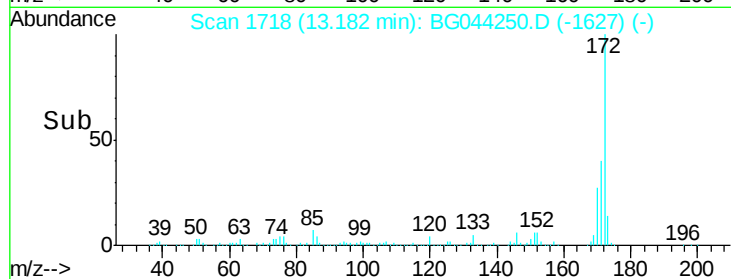
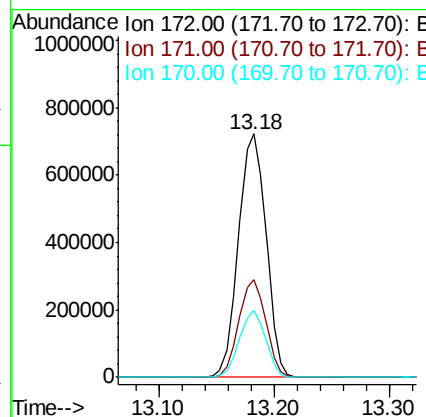
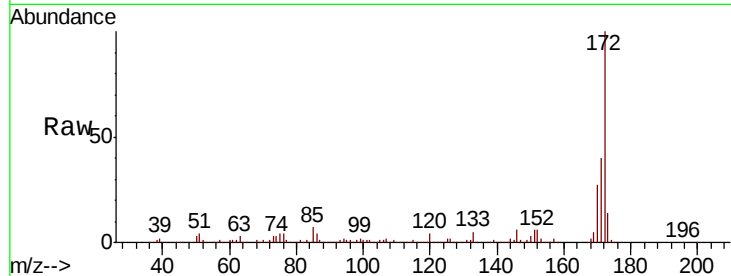


#45
 2-Fluorobiphenyl
 Concen: 82.434 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1196842

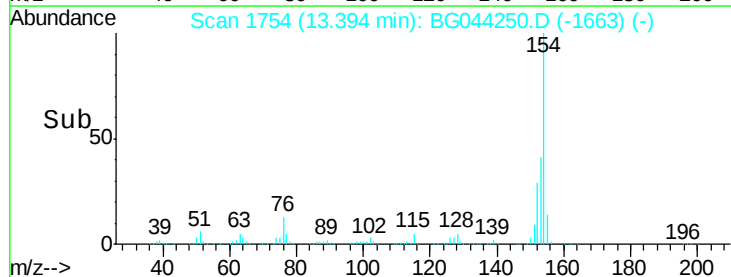
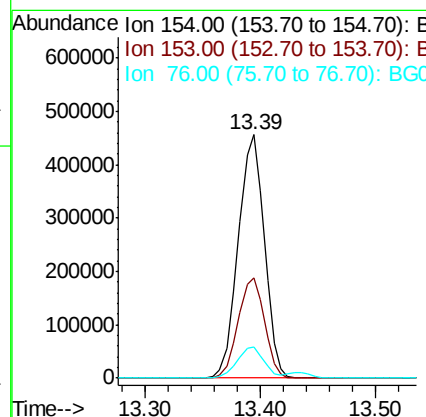
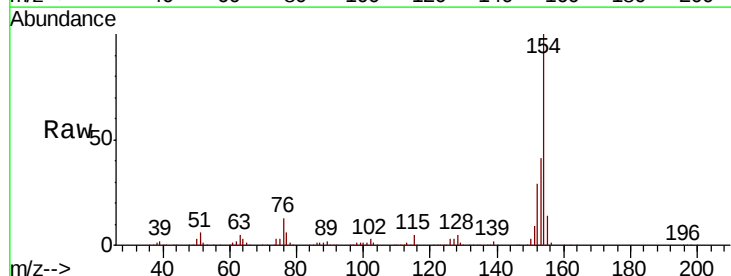
Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.3	22.0	33.0

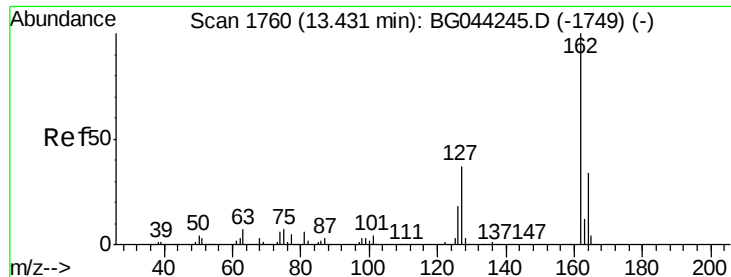


#46
 1,1'-Biphenyl
 Concen: 40.777 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:154 Resp: 715112

Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.7	62.7
76	12.9	0.0	32.9

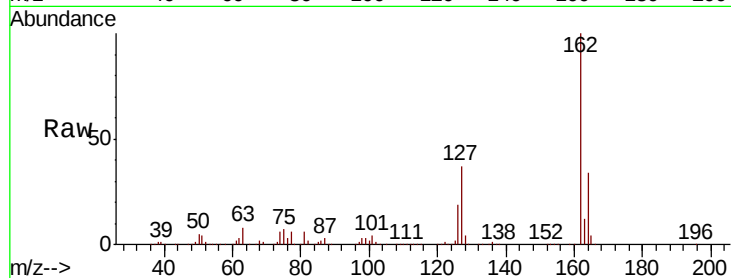




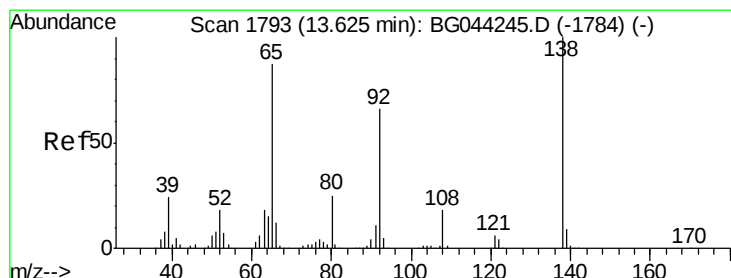
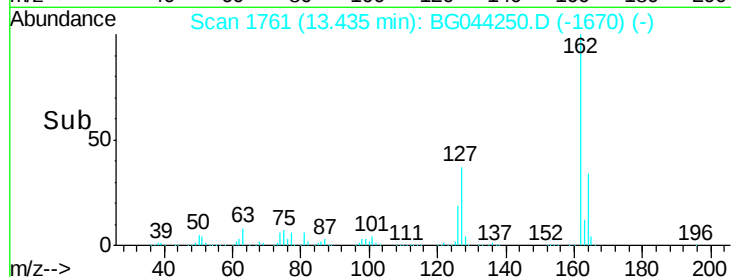
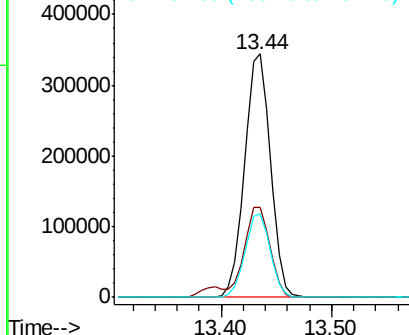
#47
2-Chloronaphthalene
Concen: 40.669 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 567539
Ion Ratio Lower Upper
162 100
127 37.0 30.0 45.0
164 34.2 27.2 40.8

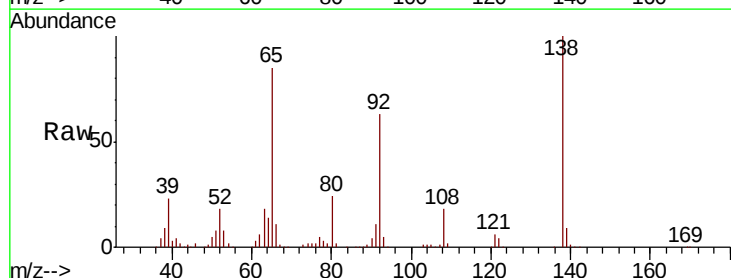


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

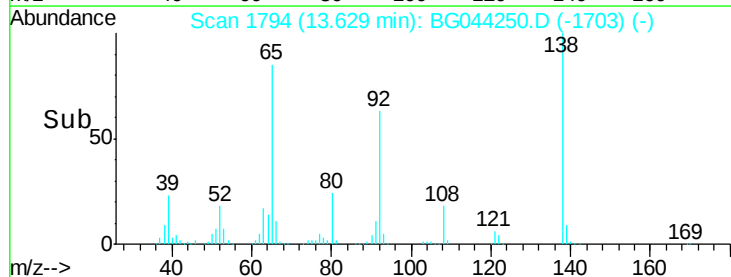
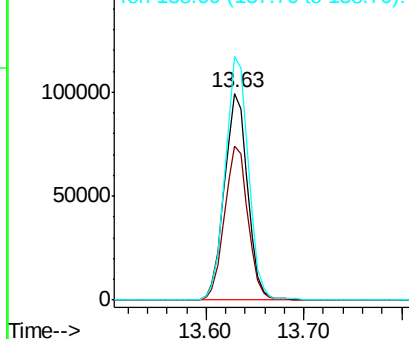


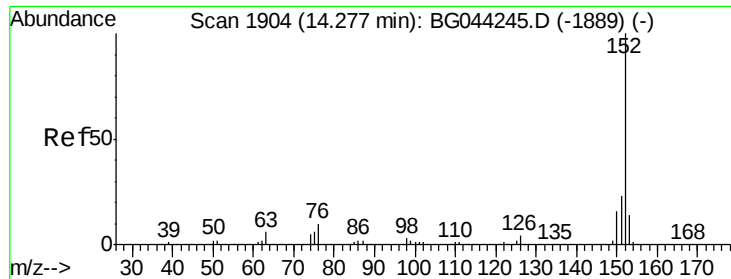
#48
2-Nitroaniline
Concen: 39.966 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion: 65 Resp: 164594
Ion Ratio Lower Upper
65 100
92 74.4 60.3 90.5
138 117.8 91.9 137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.530 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

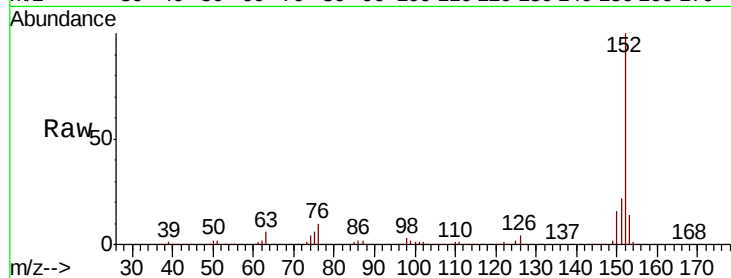
Tot Ion:152 Resp: 829570

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

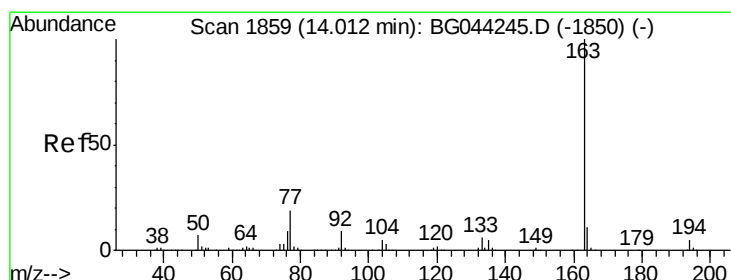
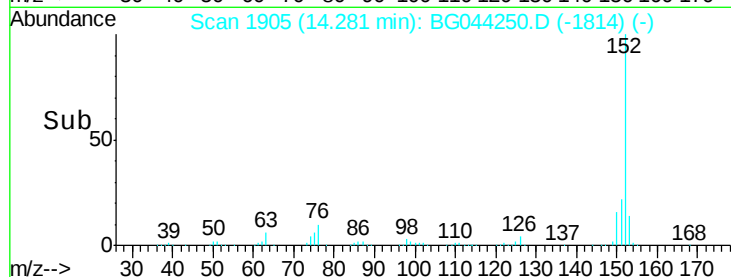
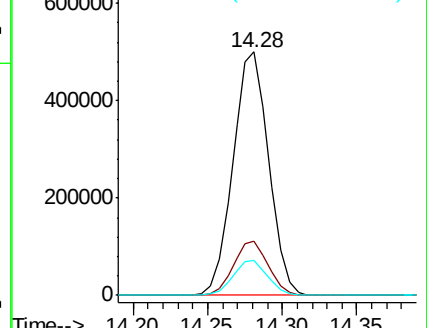
153 14.3 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.225 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

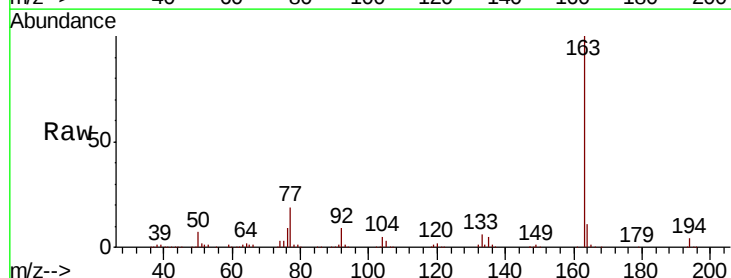
Tgt Ion:163 Resp: 703000

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

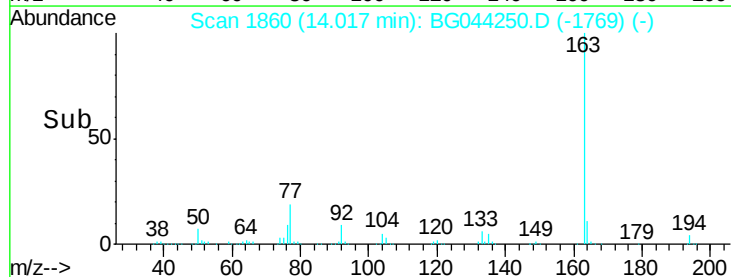
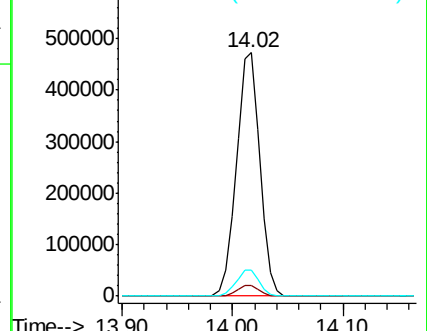
164 10.9 8.7 13.1

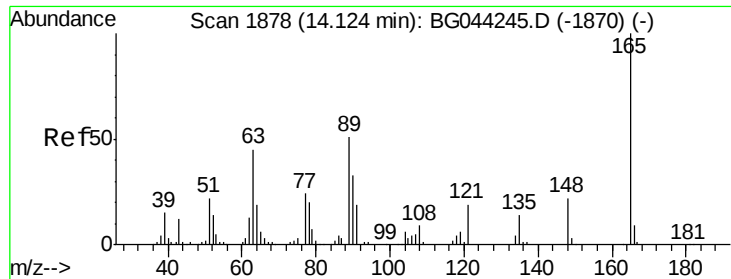


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

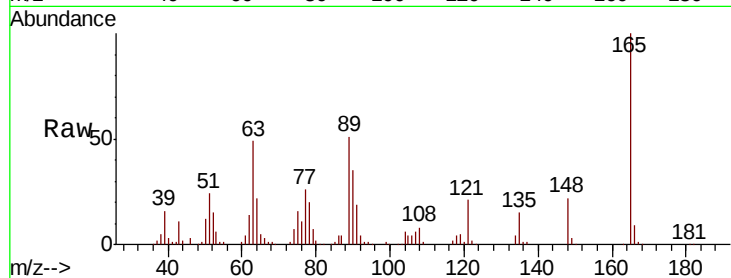




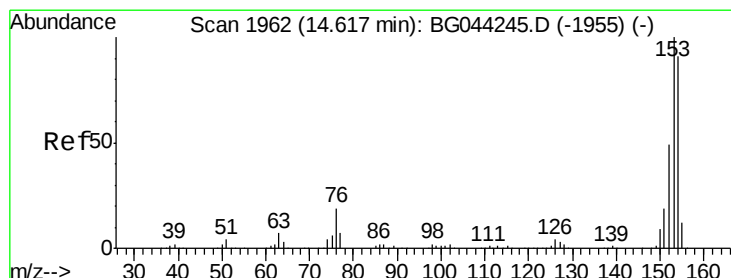
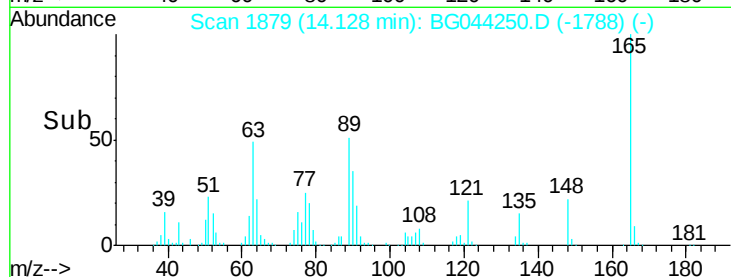
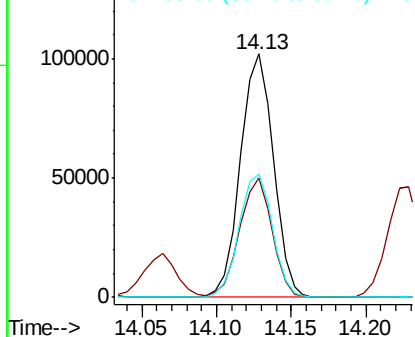
#51
 2,6-Dinitrotoluene
 Concen: 40.127 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 156364
 Ion Ratio Lower Upper
 165 100
 63 48.8 38.7 58.1
 89 50.6 40.4 60.6

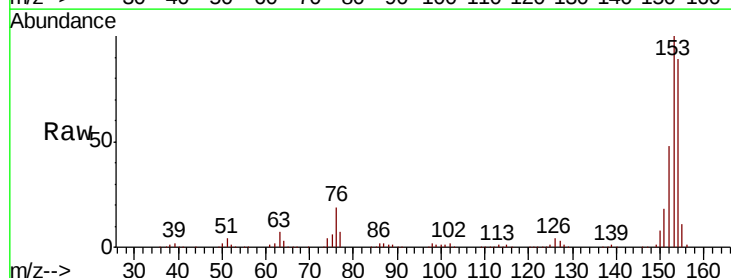


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

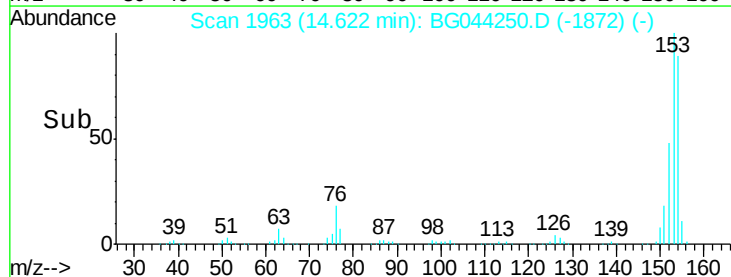
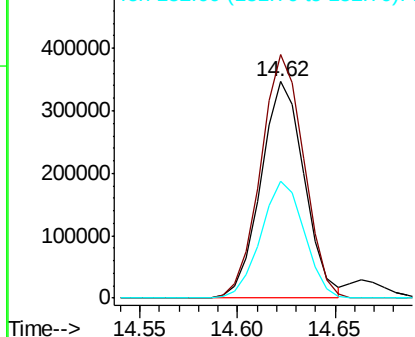


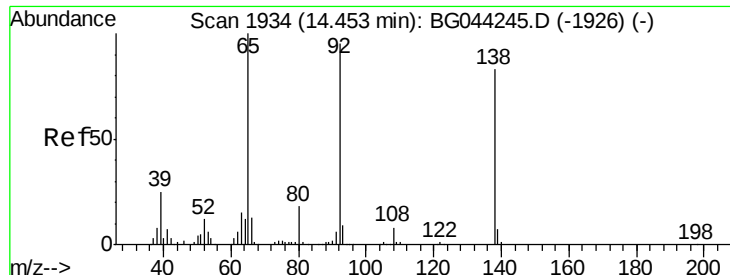
#52
 Acenaphthene
 Concen: 40.322 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:154 Resp: 534956
 Ion Ratio Lower Upper
 154 100
 153 112.4 87.9 131.9
 152 54.0 43.1 64.7



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: 39.730 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

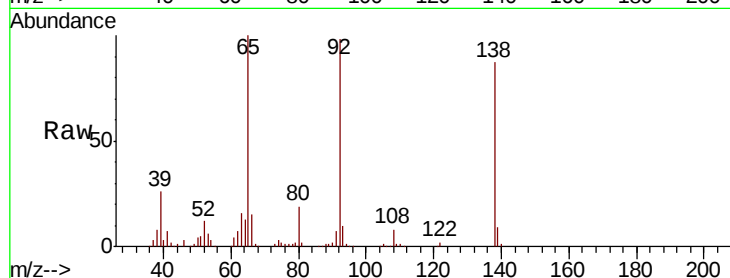
Tot Ion:138 Resp: 171280

Ion Ratio Lower Upper

138 100

108 9.0 7.9 11.9

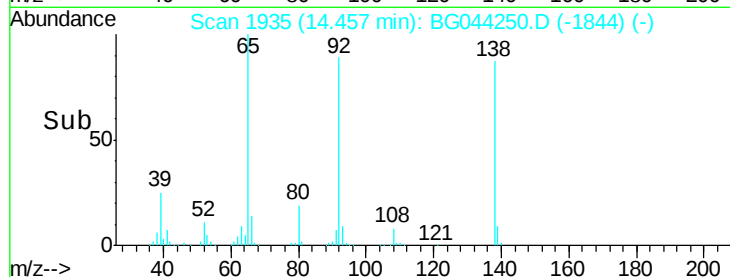
92 113.2 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

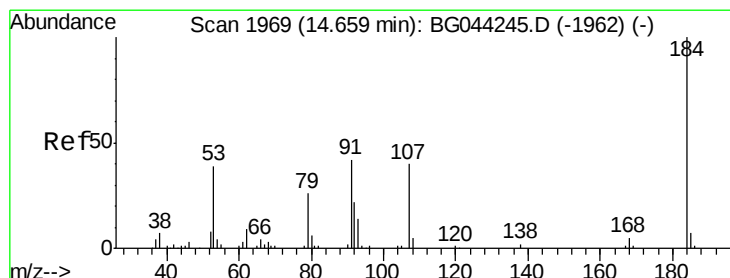


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

Time-->



#54

2,4-Dinitrophenol

Concen: 39.502 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

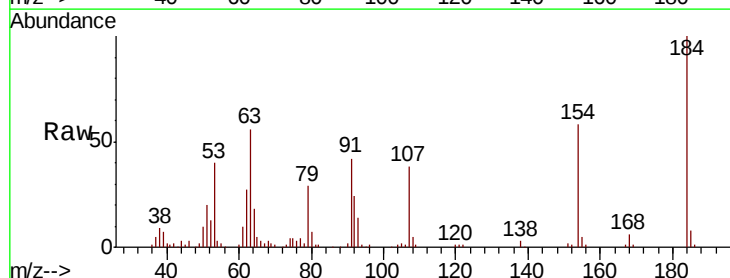
Tgt Ion:184 Resp: 81358

Ion Ratio Lower Upper

184 100

63 55.6 44.1 66.1

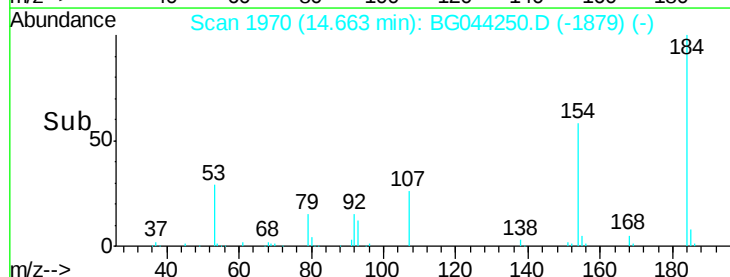
154 58.4 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



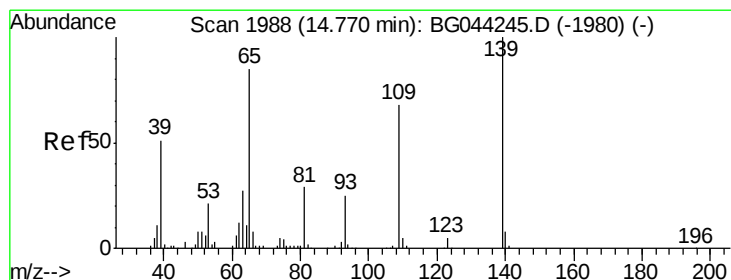
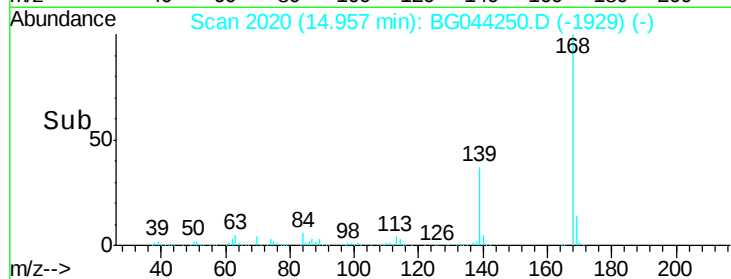
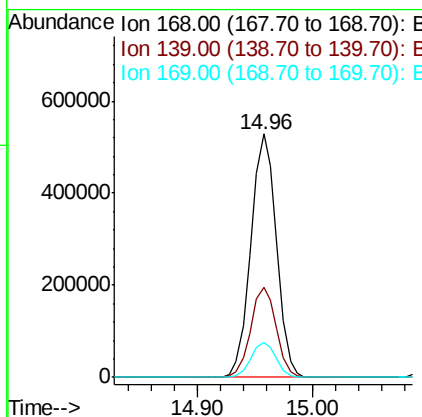
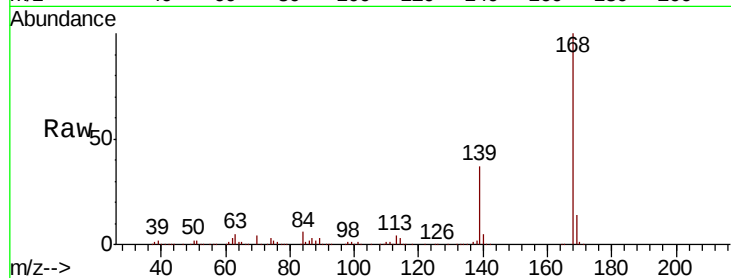
Time-->



#55
Dibenzenofuran
Concen: 40.592 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

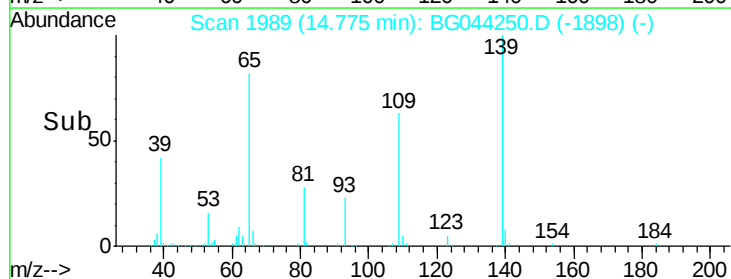
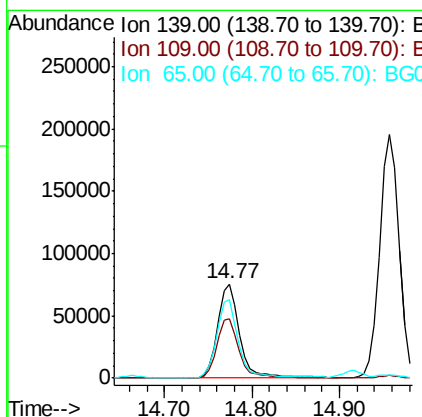
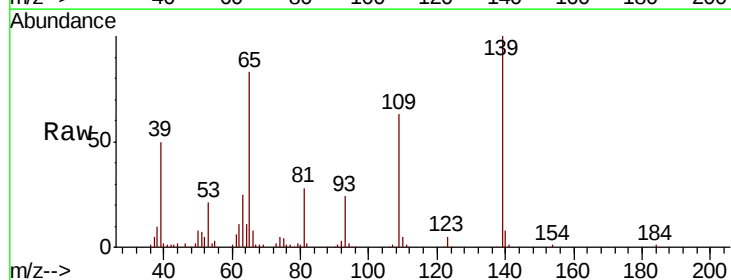
Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 815356
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7
169 14.4 11.7 17.5



#56
4-Nitrophenol
Concen: 42.243 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:139 Resp: 133399
Ion Ratio Lower Upper
139 100
109 62.8 47.5 87.5
65 82.9 64.9 104.9

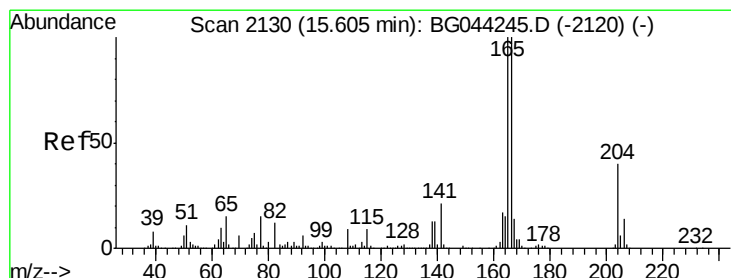
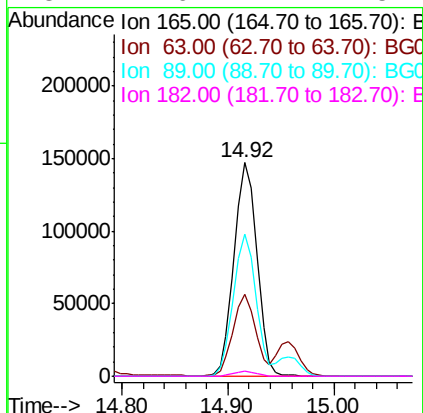
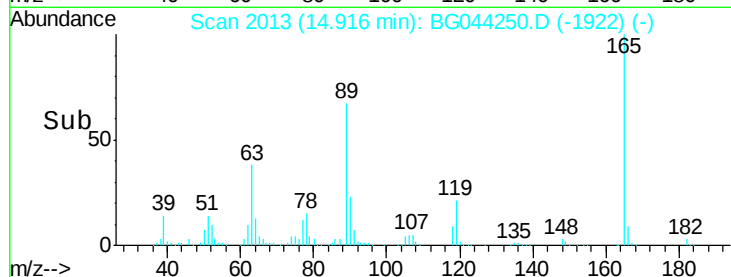
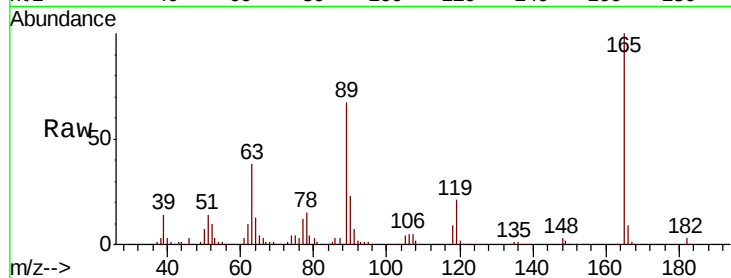




#57
2,4-Dinitrotoluene
Concen: 40.396 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

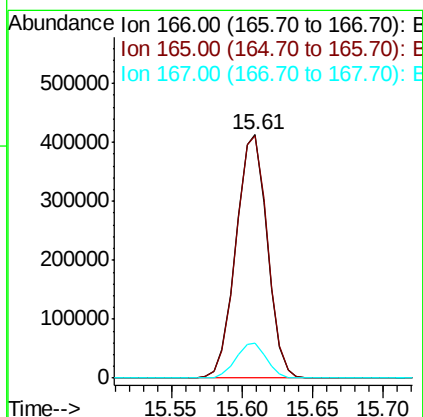
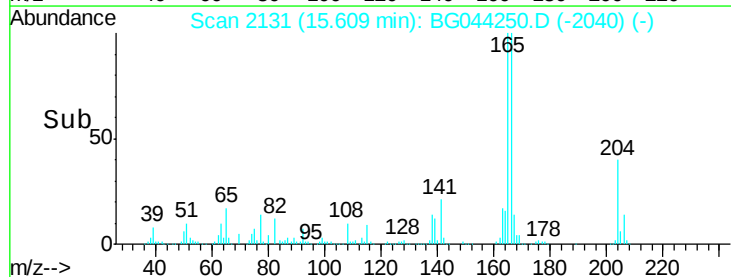
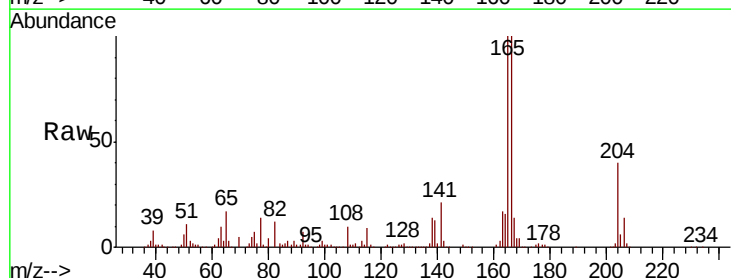
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	220622
Ion	Ratio	Lower Upper
165	100	
63	38.2	30.3 45.5
89	66.6	53.4 80.2
182	2.6	2.1 3.1



#58
Fluorene
Concen: 40.386 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:166	Resp:	638940
Ion	Ratio	Lower Upper
166	100	
165	99.7	79.9 119.9
167	14.2	11.4 17.0

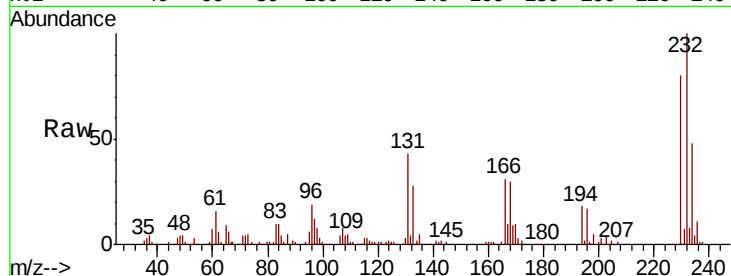




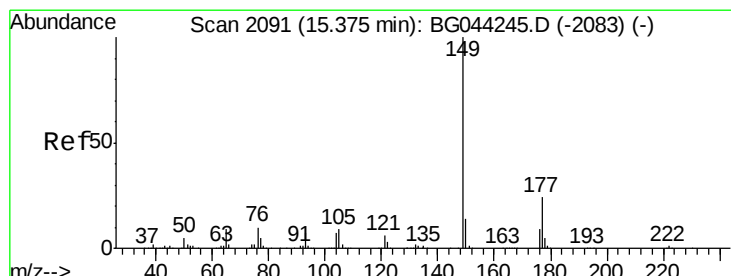
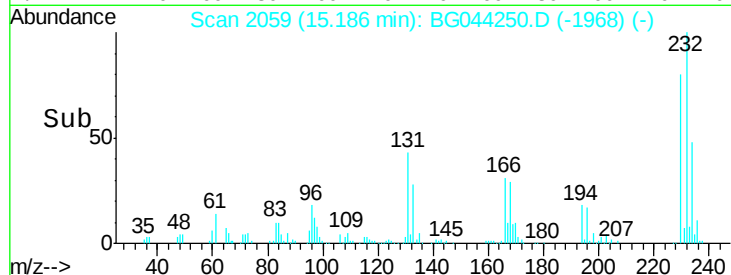
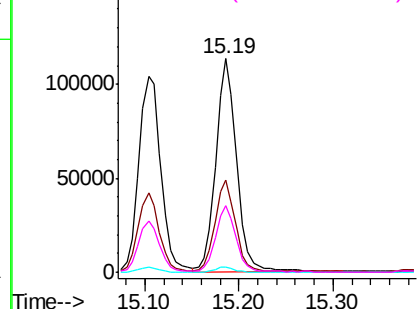
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.616 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.4
130	2.5	1.8	2.8
166	30.2	23.8	35.8

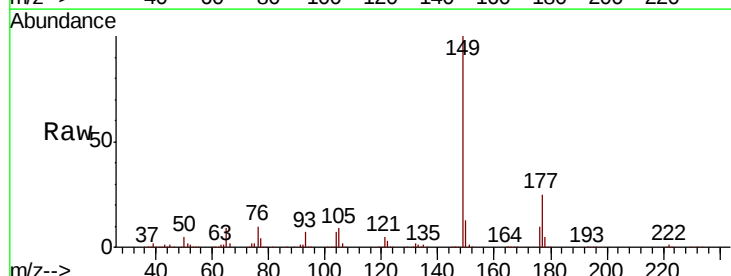


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

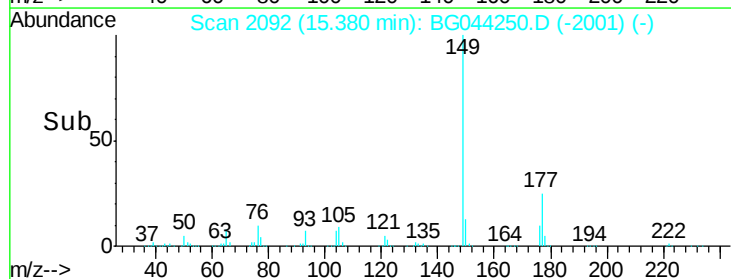
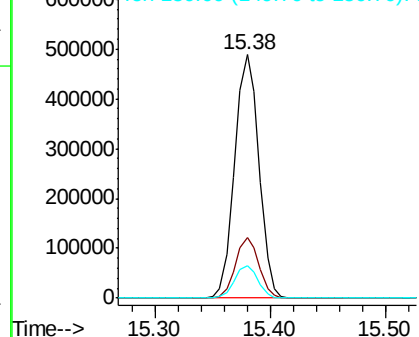


#60
 Diethylphthalate
 Concen: 40.723 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.3	10.9	16.3



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

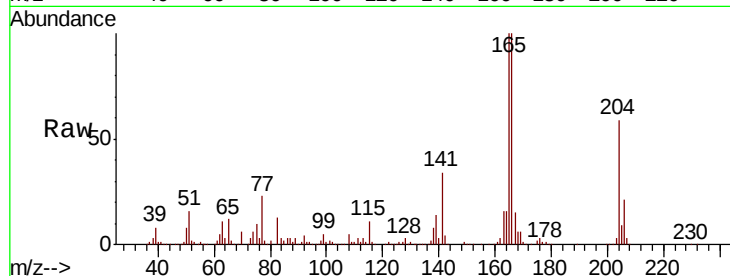




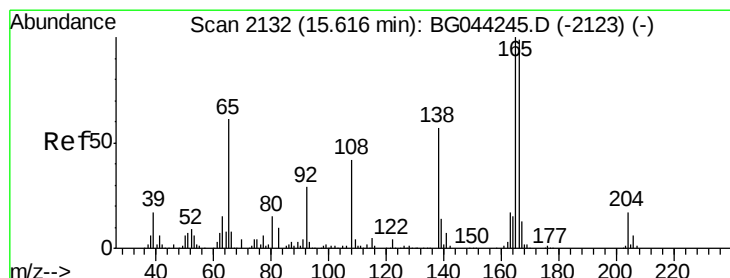
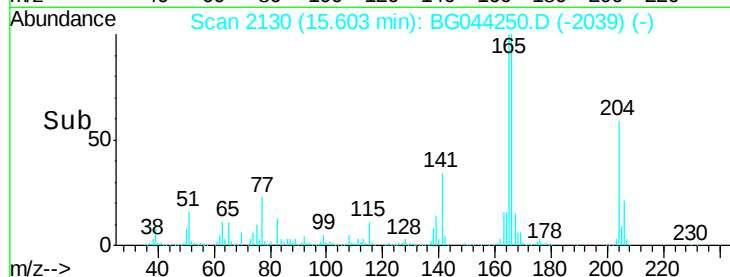
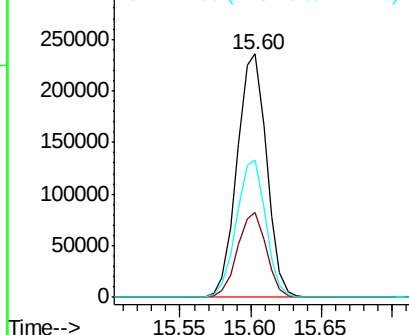
#61
 4-Chlorophenyl-phenylether
 Concen: 40.069 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 343720
 Ion Ratio Lower Upper
 204 100
 206 35.0 27.6 41.4
 141 56.5 43.4 65.0

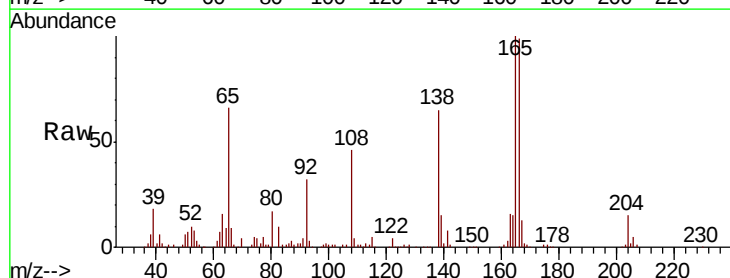


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

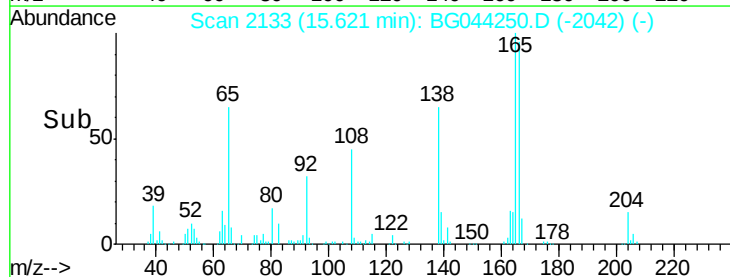
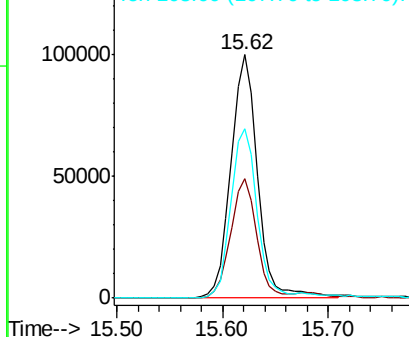


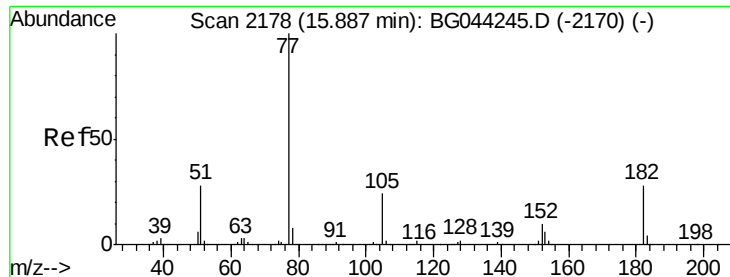
#62
 4-Nitroaniline
 Concen: 40.359 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:138 Resp: 173858
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.3 71.3
 108 69.8 52.6 92.6



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: 40.013 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 610689

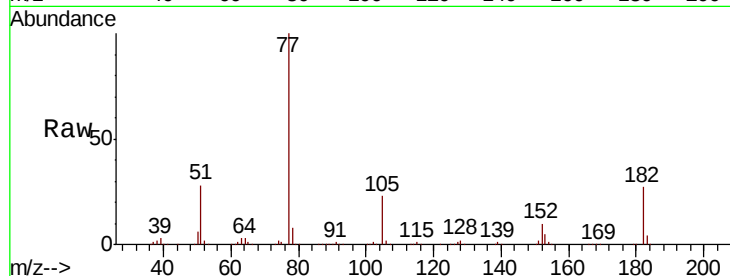
Ion Ratio Lower Upper

77 100

182 27.0 8.2 48.2

105 23.0 3.6 43.6

51 28.2 8.3 48.3

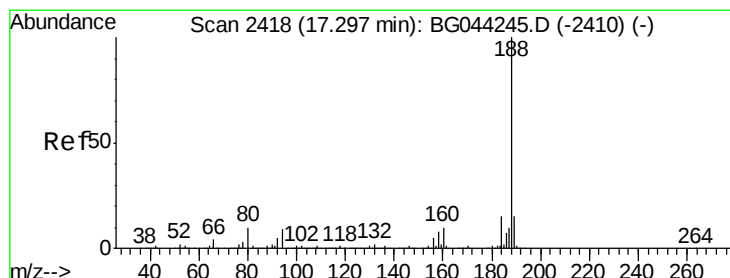
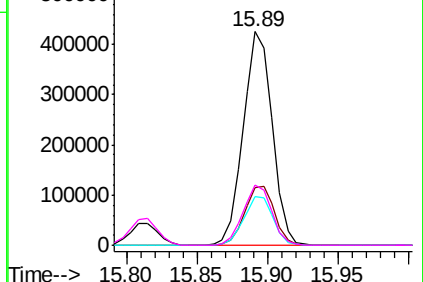
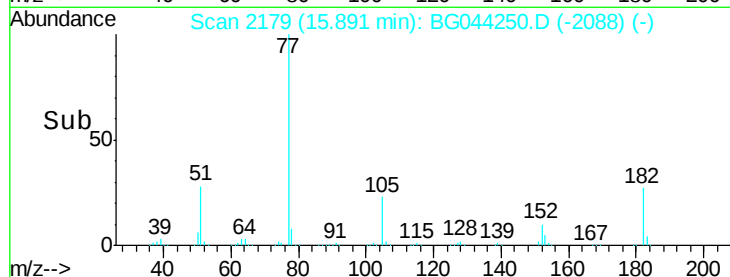


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

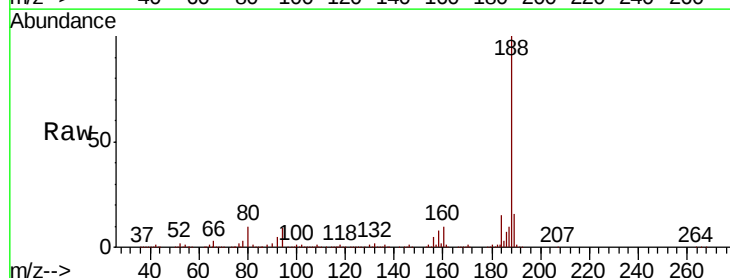
Tgt Ion: 188 Resp: 519553

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

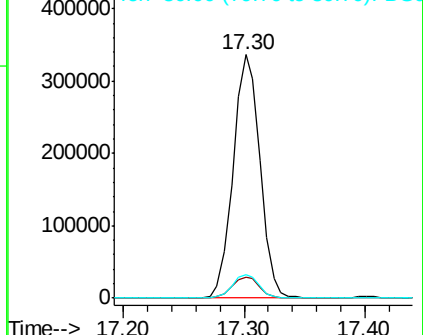
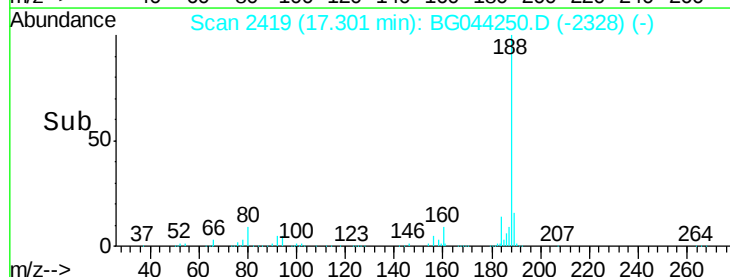
80 9.7 7.7 11.5

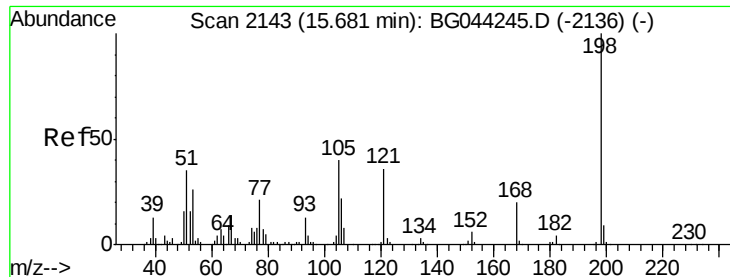


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.045 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

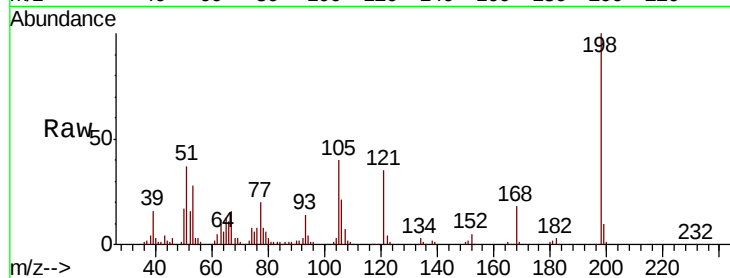
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 117714

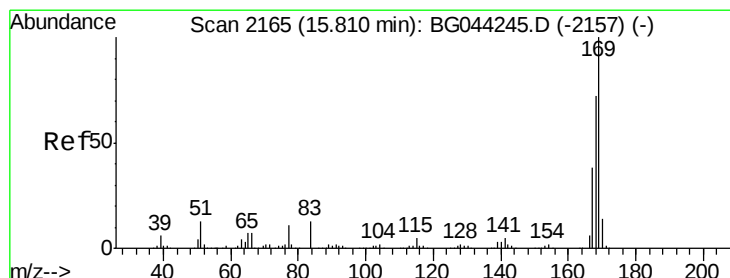
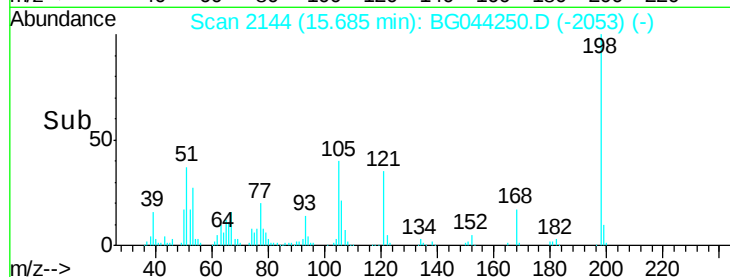
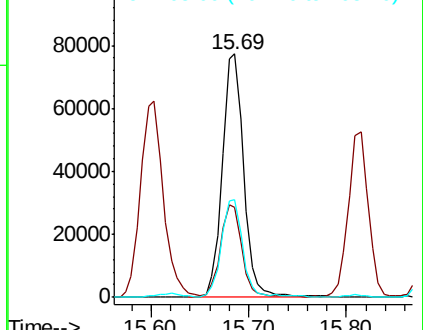
Ion	Ratio	Lower	Upper
198	100		
51	36.9	16.6	56.6
105	40.3	20.6	60.6



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: 40.268 ng

RT: 15.81 min Scan# 2166

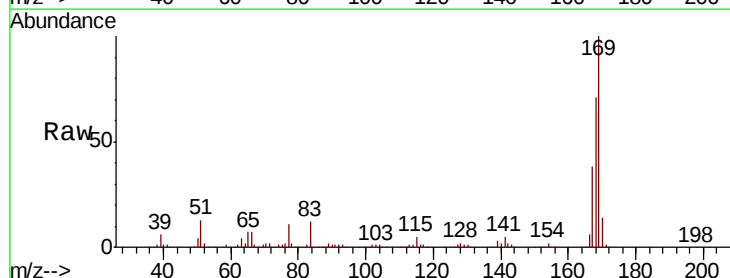
Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:169 Resp: 586311

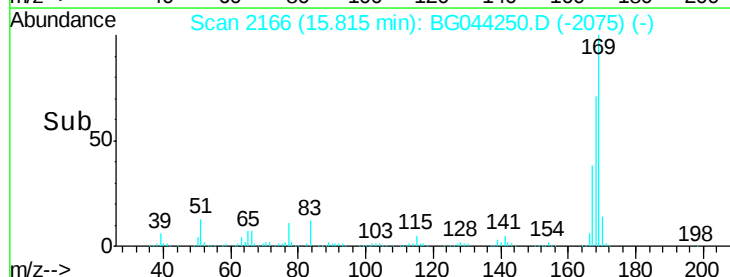
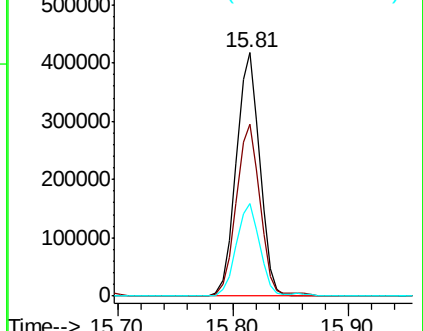
Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.9	86.9
167	37.8	30.7	46.1

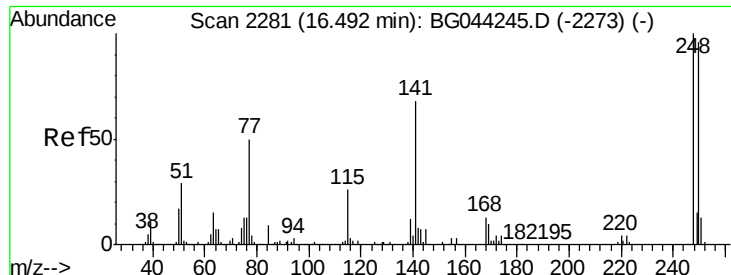


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

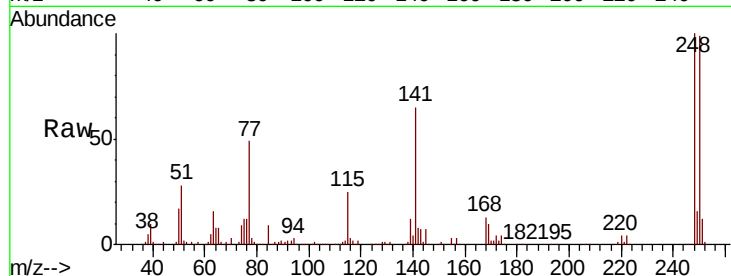




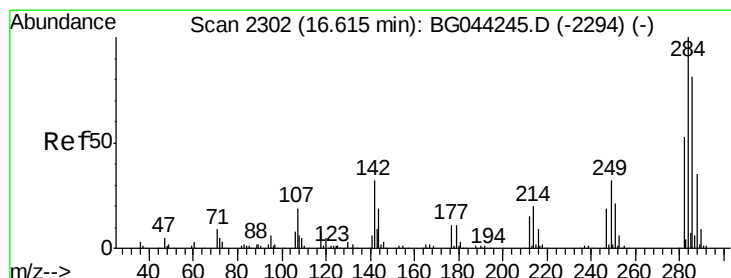
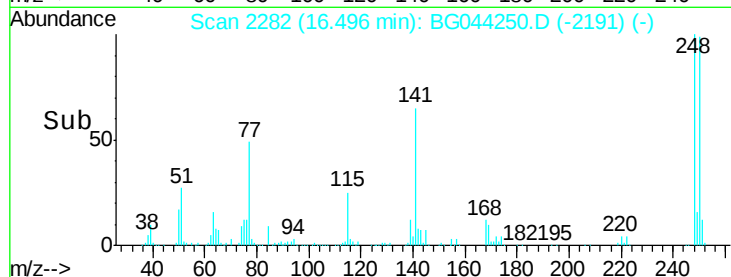
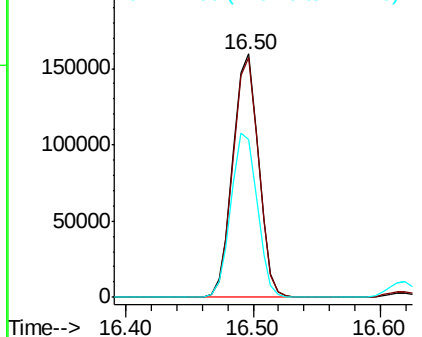
#67
 4-Bromophenyl-phenylether
 Concen: 39.564 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 223949
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.6 114.8
 141 64.6 54.7 82.1

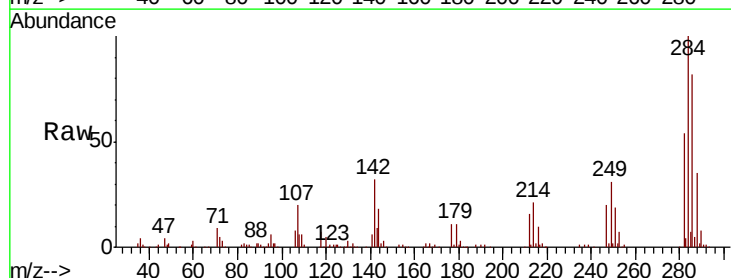


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

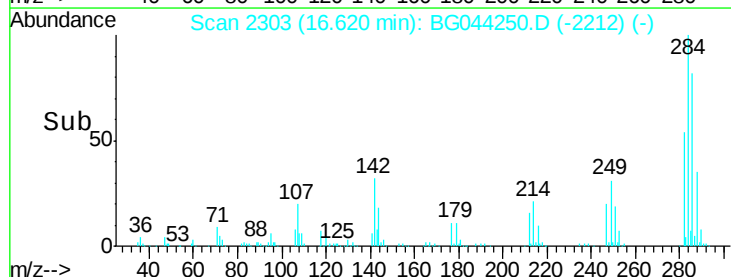
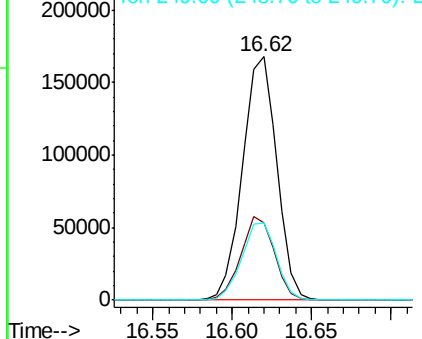


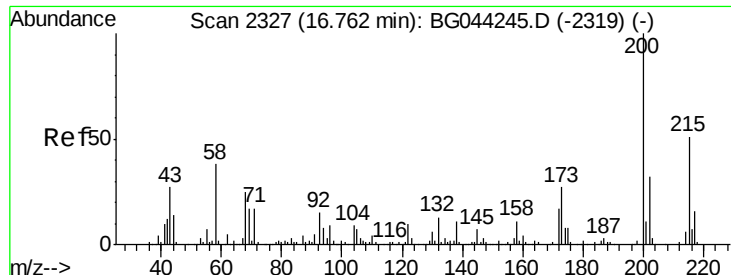
#68
 Hexachlorobenzene
 Concen: 39.624 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:284 Resp: 251283
 Ion Ratio Lower Upper
 284 100
 142 31.8 25.3 37.9
 249 31.5 25.5 38.3



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

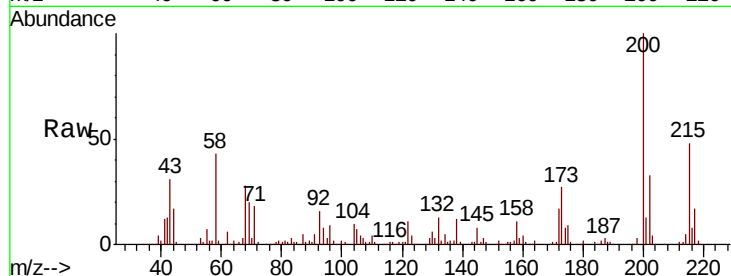




#69
 Atrazine
 Concen: 40.957 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.0	31.0	71.0

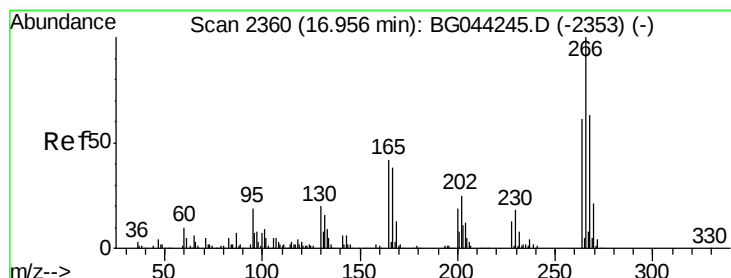
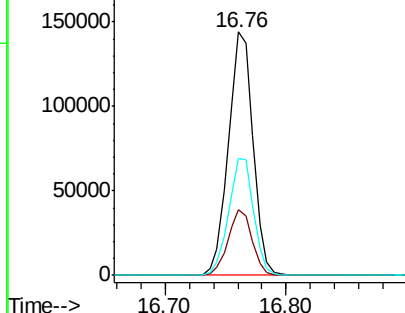
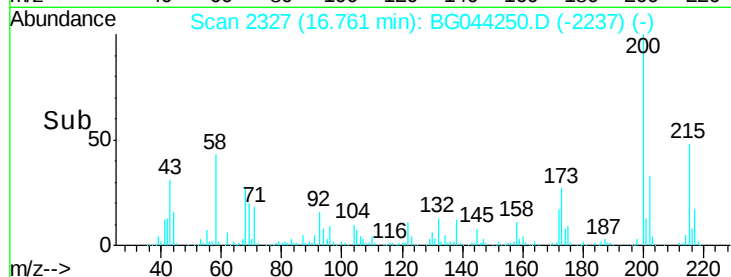


Abundance

Ion 200.00 (199.70 to 200.70): E

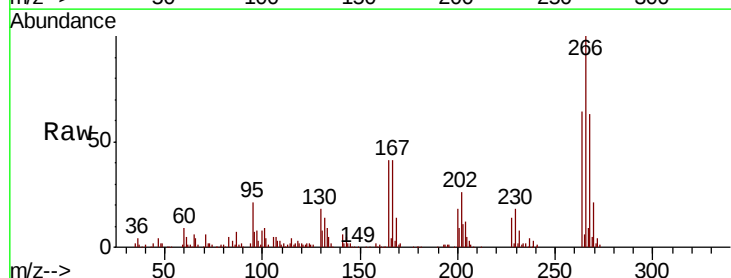
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 39.686 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. 0.01 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.6	75.8
264	63.6	48.7	73.1

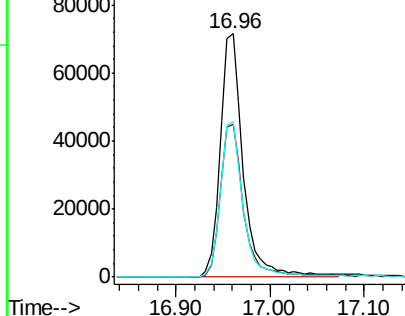
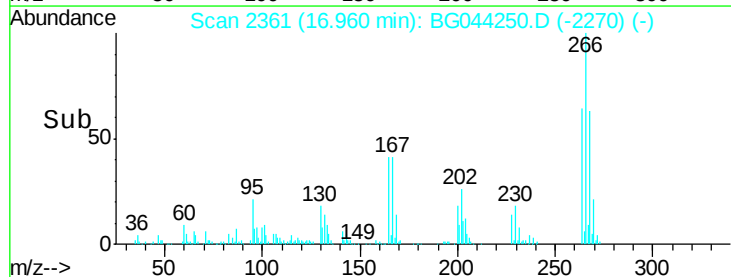


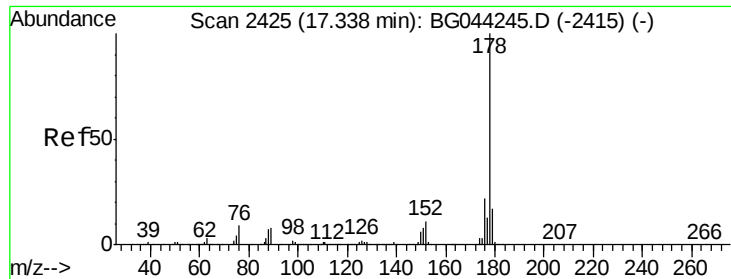
Abundance

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

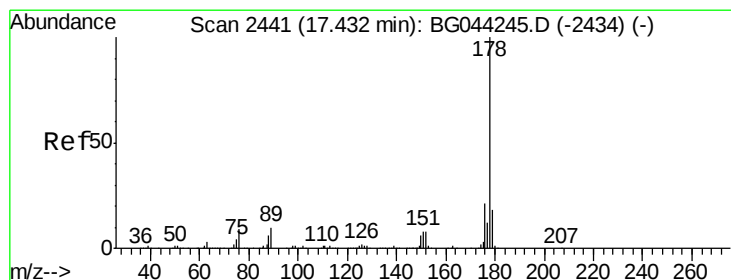
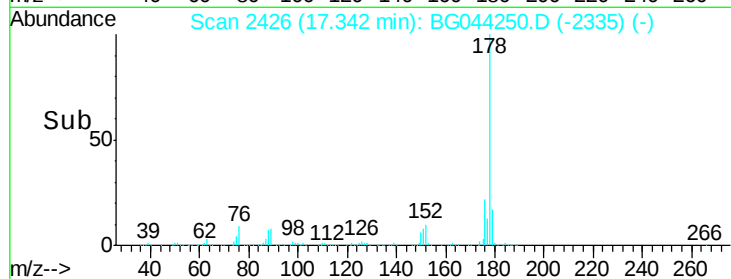
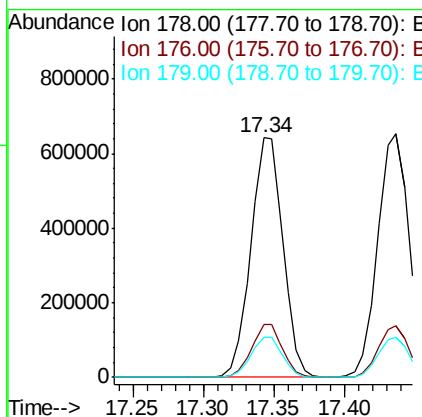
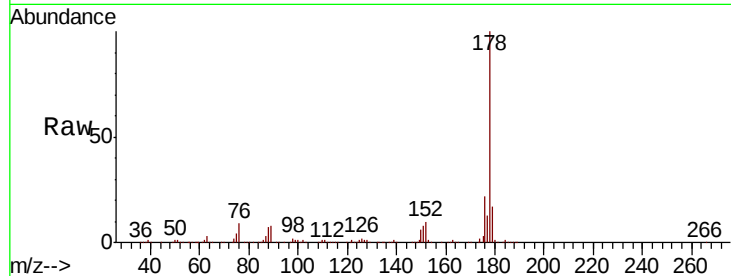




#71
 Phenanthrene
 Concen: 40.879 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

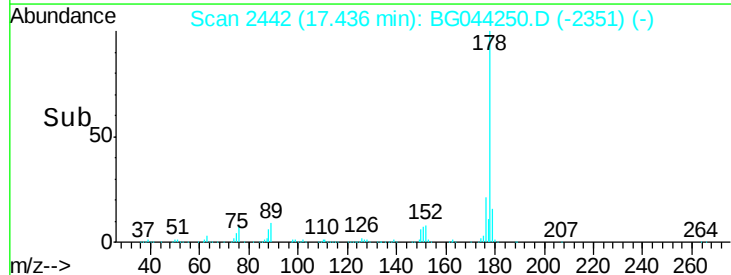
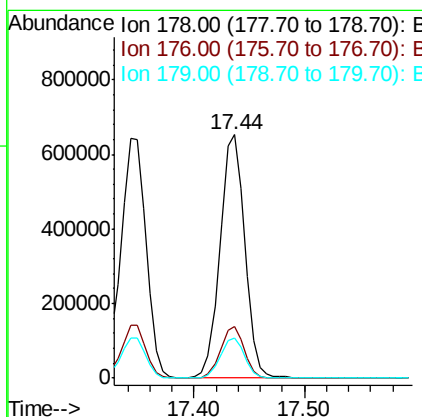
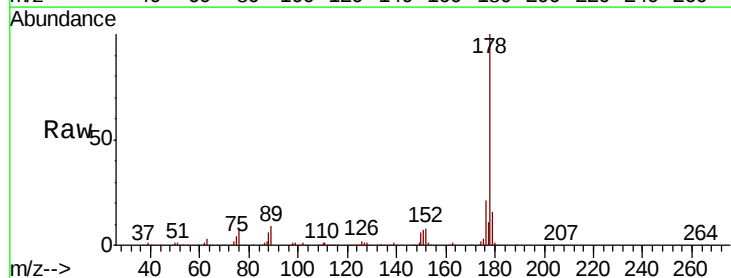
Instrument :
 BNA_G
 ClientSampleId :

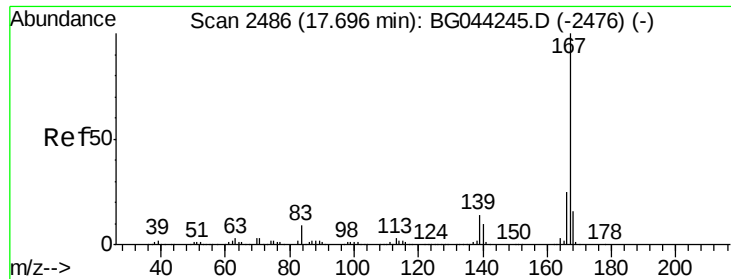
Tot Ion:178 Resp: 1028462
 Ion Ratio Lower Upper
 178 100
 176 21.9 17.7 26.5
 179 16.7 13.7 20.5



#72
 Anthracene
 Concen: 40.954 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion:178 Resp: 1018668
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.0 25.4
 179 16.5 14.4 21.6

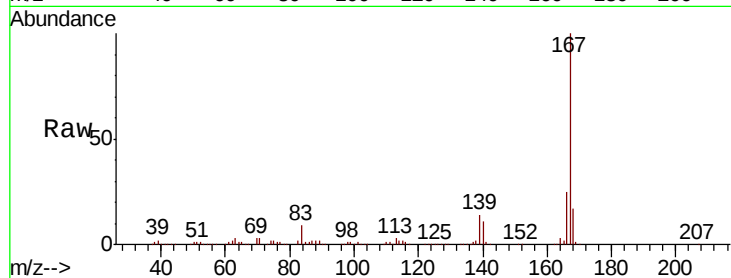




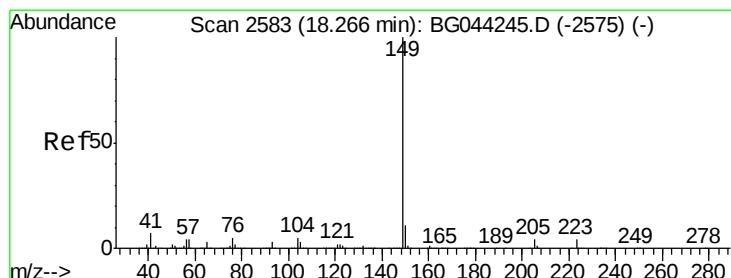
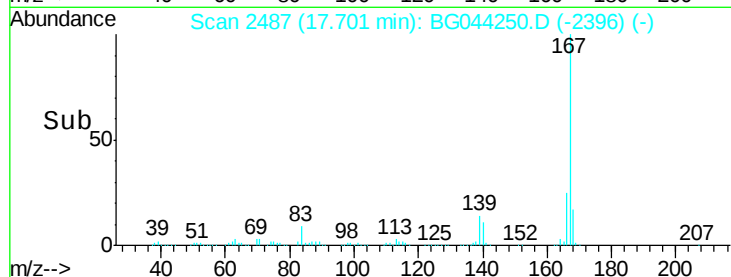
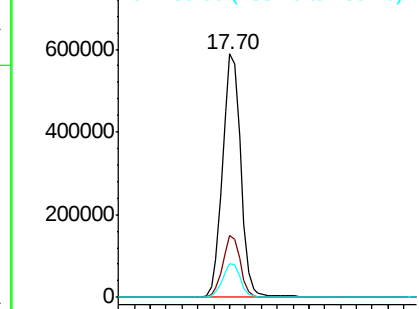
#73
 Carbazole
 Concen: 41.080 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.4	19.8	29.6
139	13.6	11.1	16.7

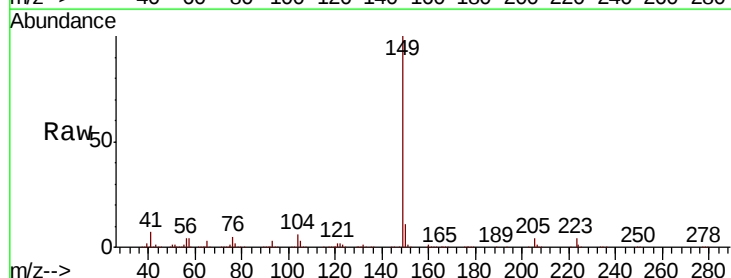


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

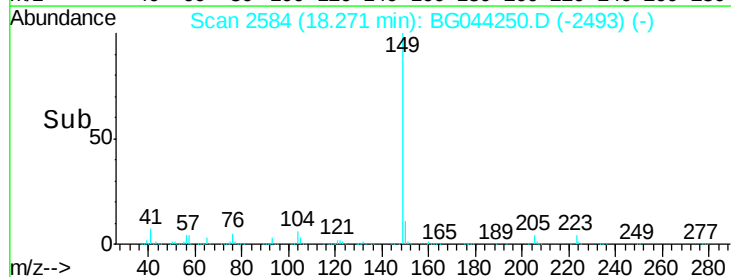
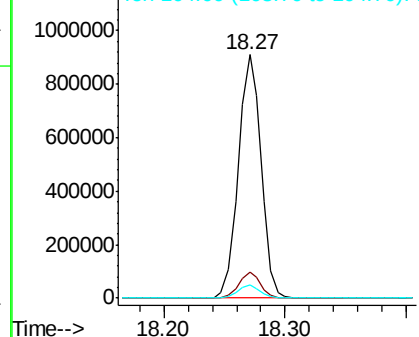


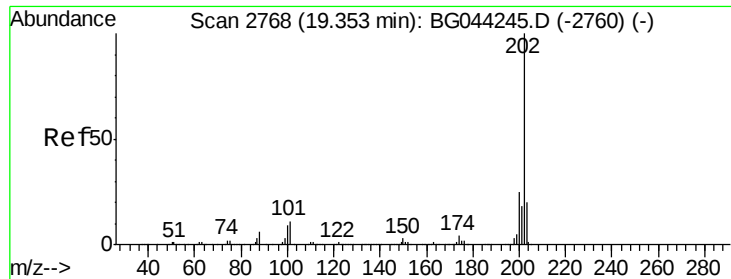
#74
 Di-n-butylphthalate
 Concen: 41.977 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG044250.D
 Acq: 30 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.6	4.3	6.5



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: 41.520 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampled :

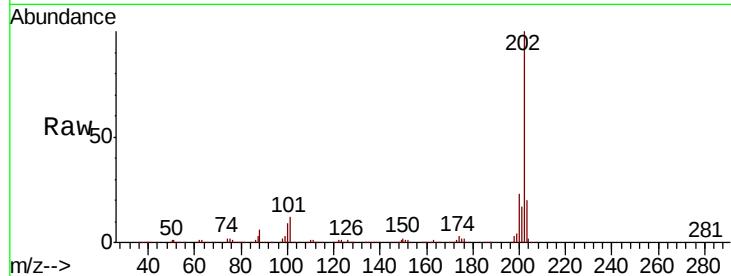
Tot Ion:202 Resp: 1208383

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

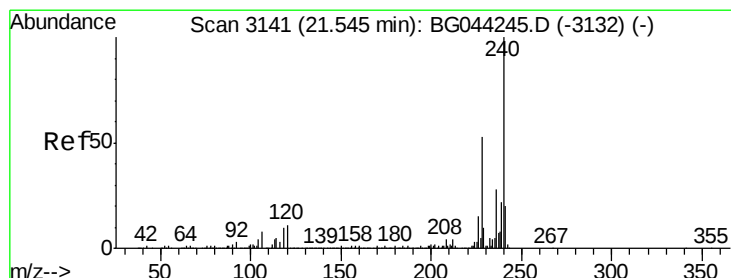
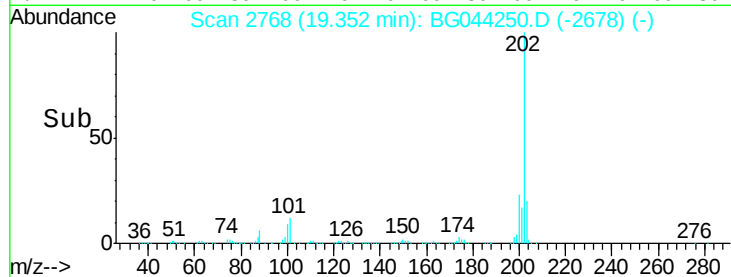
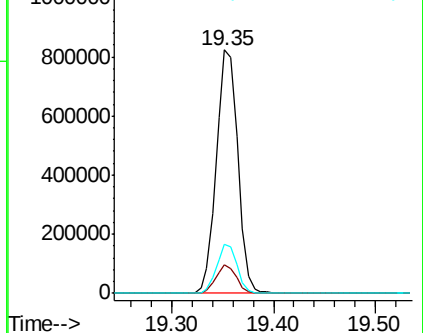
203 20.1 0.0 39.9



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: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

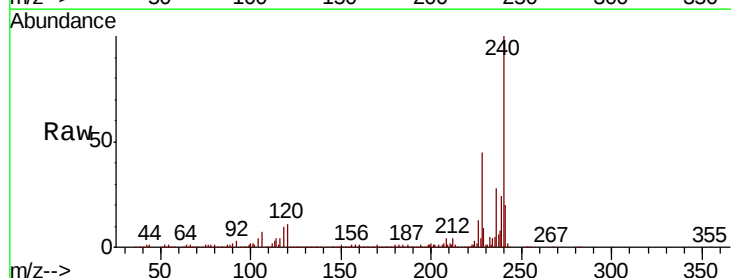
Tgt Ion:240 Resp: 460207

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

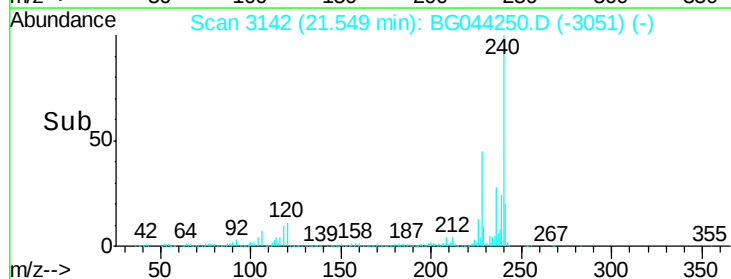
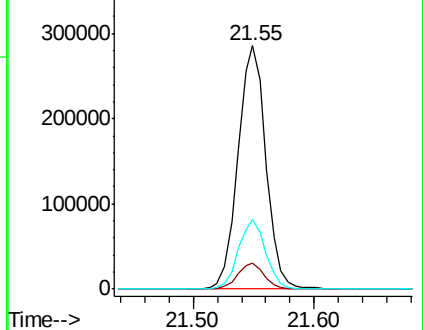
236 28.5 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.794 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

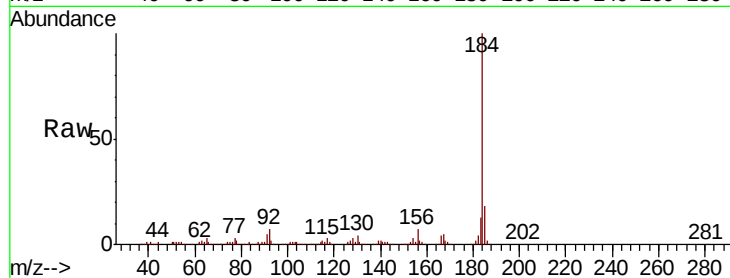
Tot Ion:184 Resp: 507977

Ion Ratio Lower Upper

184 100

185 18.2 12.9 19.3

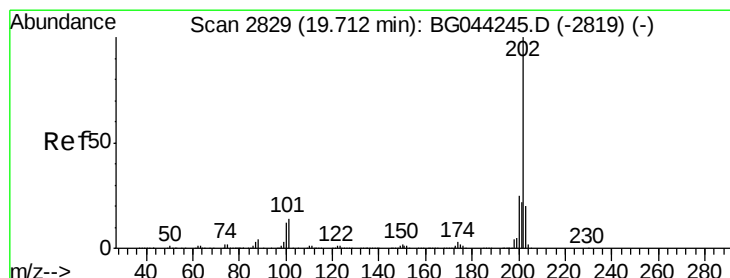
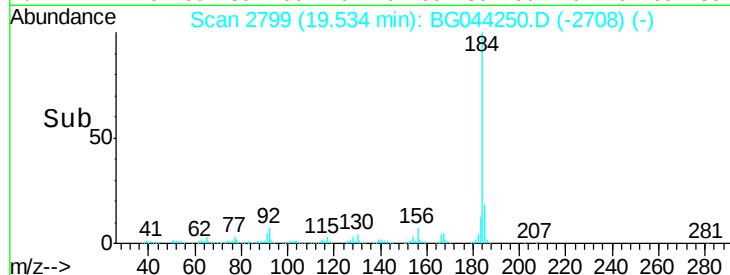
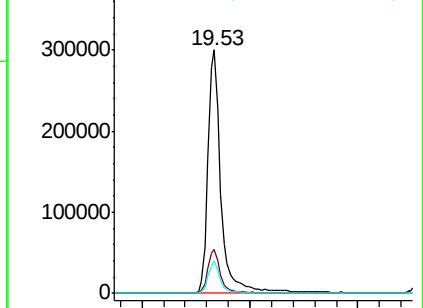
183 13.4 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.392 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

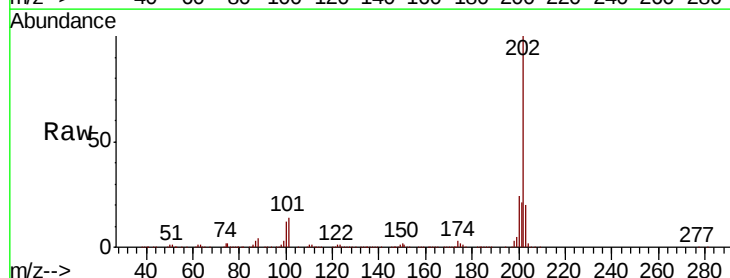
Tgt Ion:202 Resp: 1223327

Ion Ratio Lower Upper

202 100

200 24.3 20.0 30.0

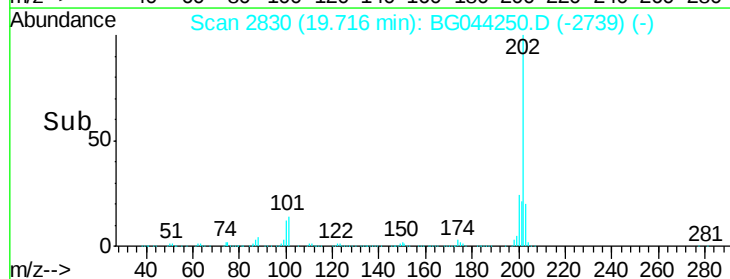
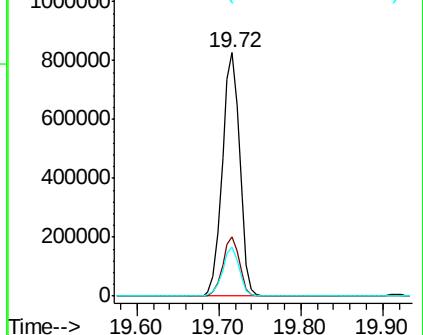
203 20.2 16.2 24.2

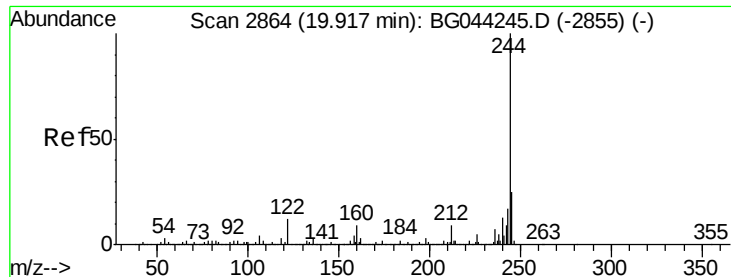


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.946 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

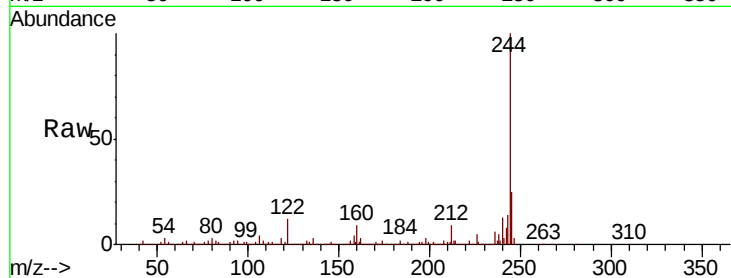
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1743966

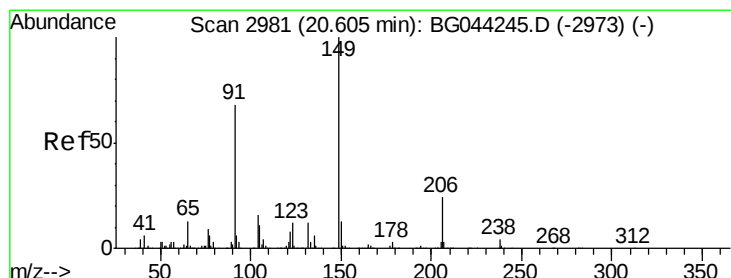
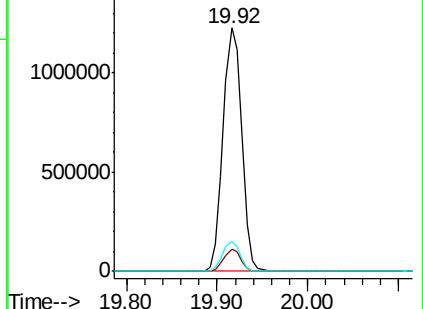
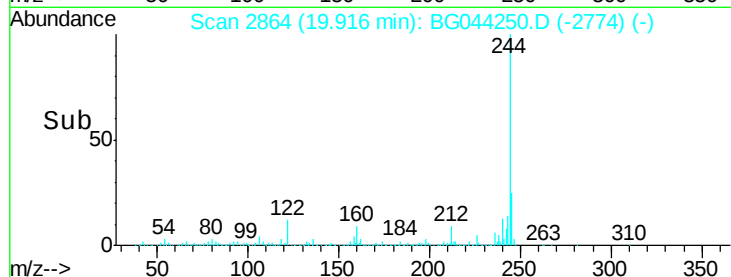
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	12.5	9.8	14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.879 ng

RT: 20.61 min Scan# 2982

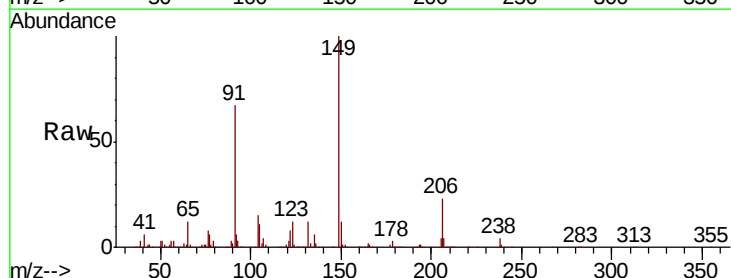
Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:149 Resp: 564037

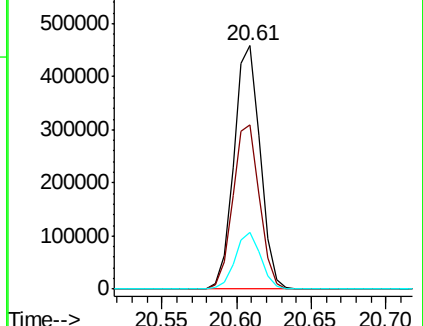
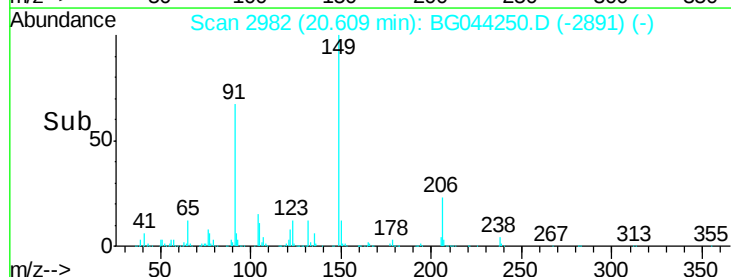
Ion	Ratio	Lower	Upper
149	100		
91	67.4	54.5	81.7
206	23.2	19.1	28.7

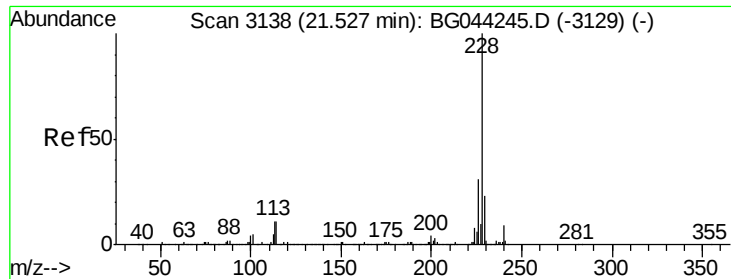


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

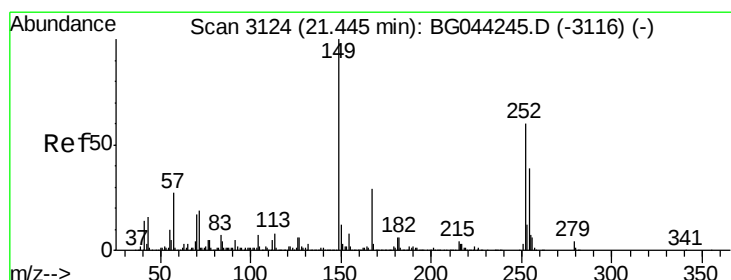
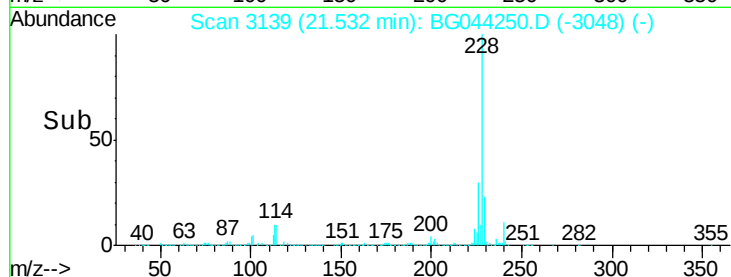
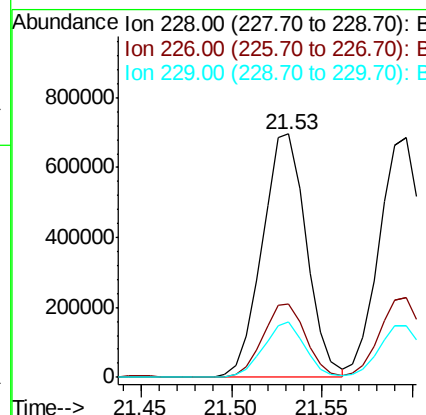
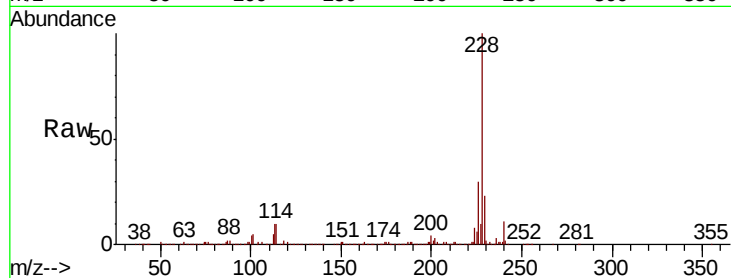




#81
Benzo(a)anthracene
Concen: 41.509 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

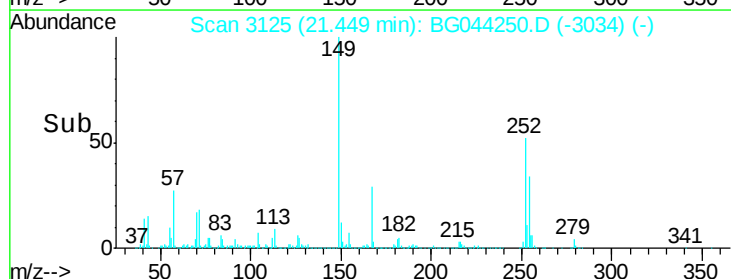
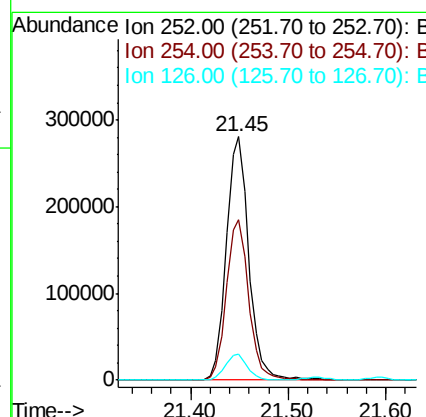
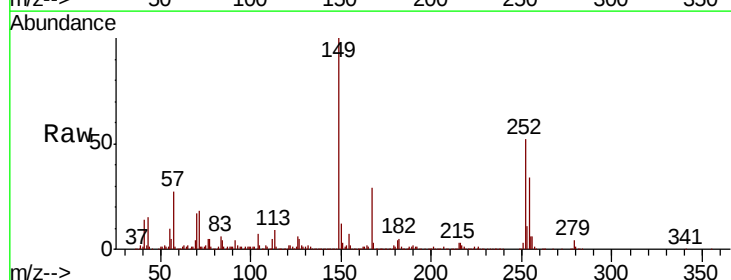
Instrument :
BNA_G
ClientSampled :

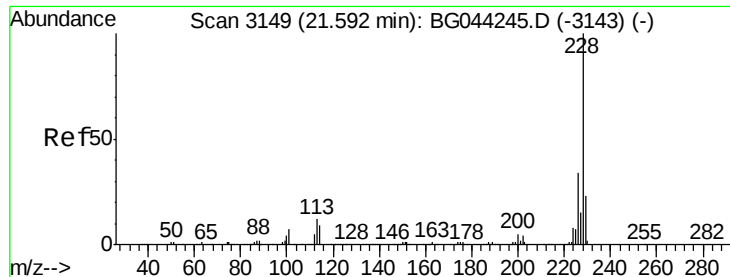
Tot Ion:228 Resp: 1177332
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 22.5 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 40.805 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:252 Resp: 449181
Ion Ratio Lower Upper
252 100
254 66.0 52.6 78.8
126 10.6 8.2 12.4





#83

Chrysene

Concen: 41.671 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

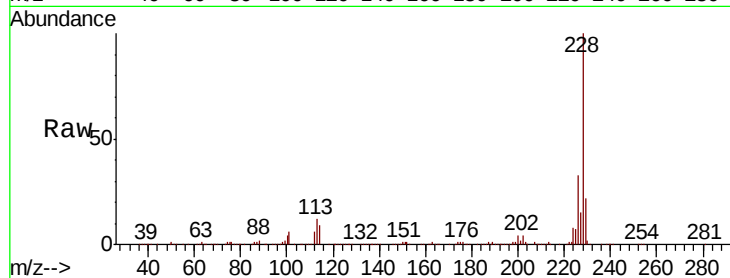
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1142440

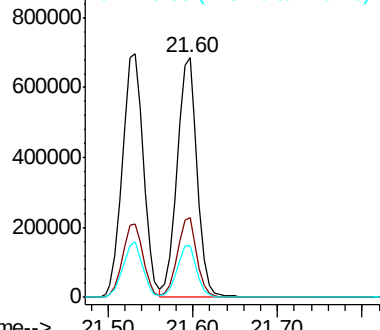
Ion	Ratio	Lower	Upper
228	100		
226	33.2	27.1	40.7
229	21.5	17.9	26.9



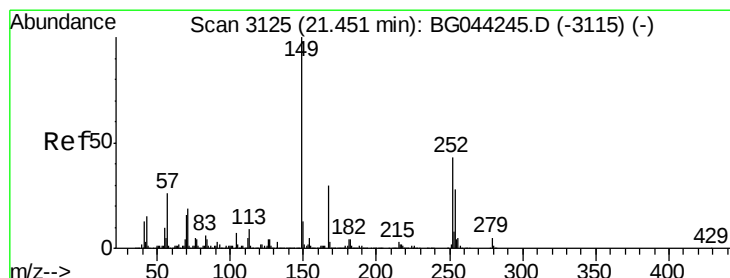
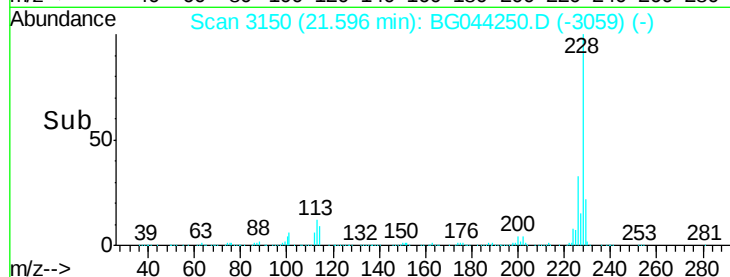
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.887 ng

RT: 21.45 min Scan# 3125

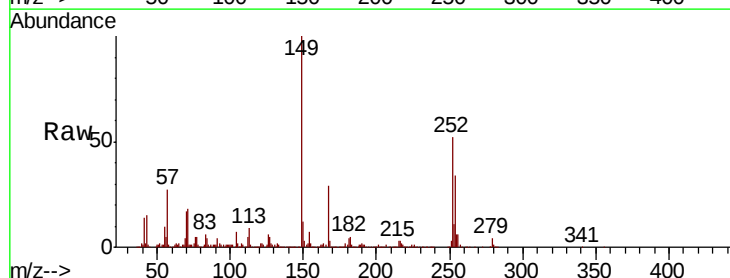
Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:149 Resp: 776512

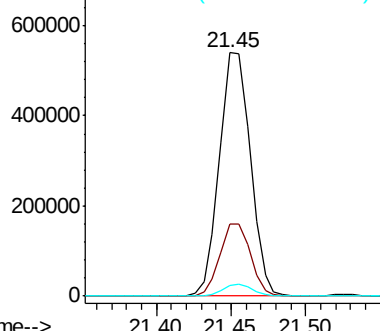
Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.0	36.0
279	4.2	3.8	5.8



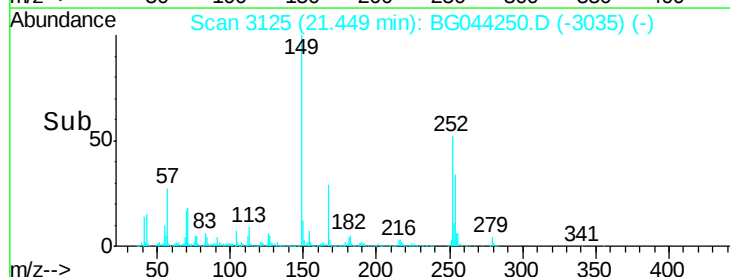
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 41.763 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

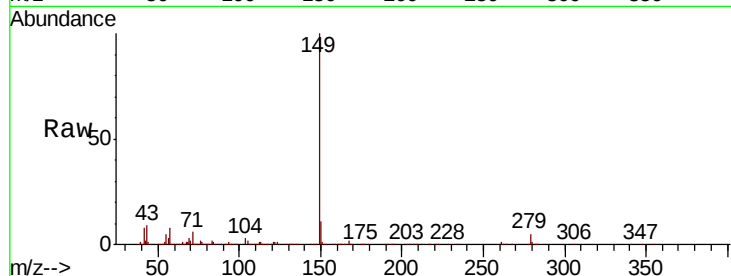
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1339539

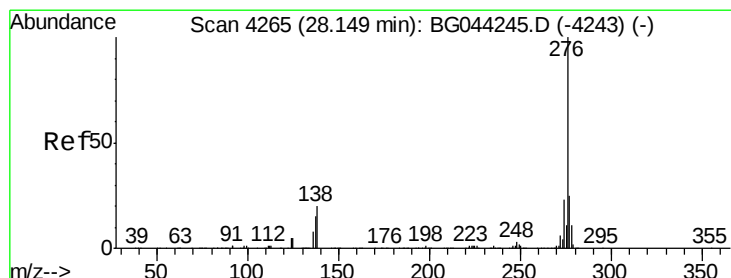
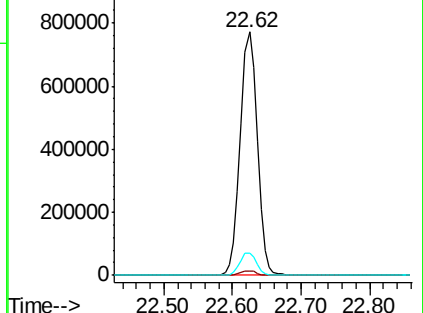
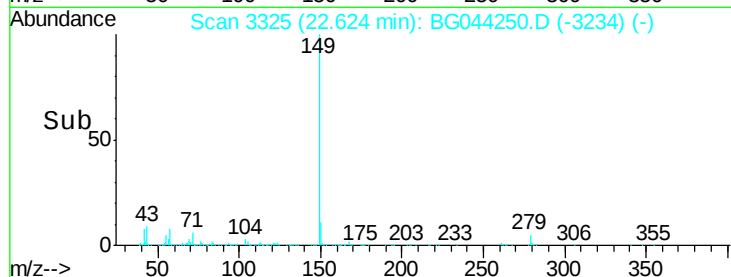
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.4	11.0



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: 40.598 ng

RT: 28.16 min Scan# 4267

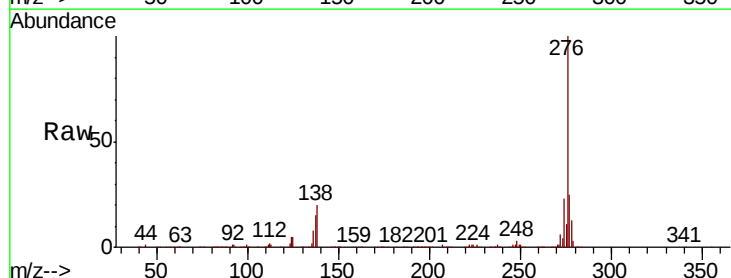
Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:276 Resp: 1452085

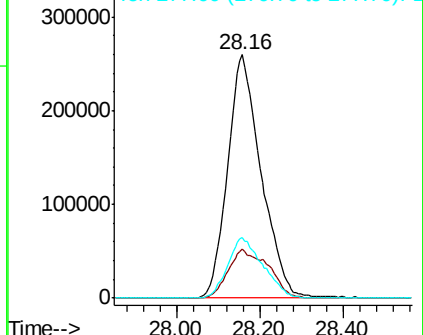
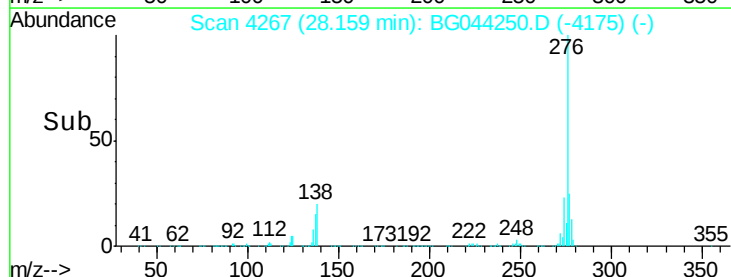
Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.4	29.0
277	26.3	21.0	31.6

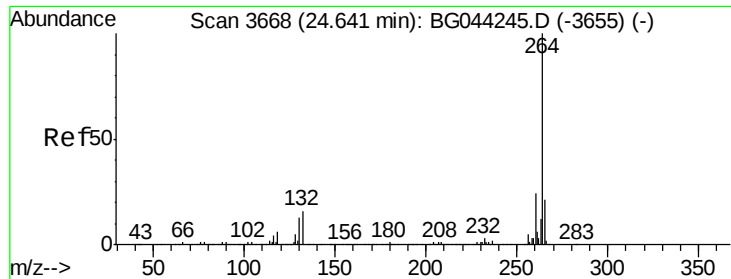


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampled :

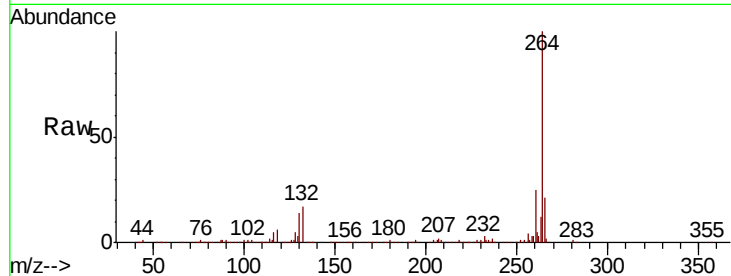
Tot Ion:264 Resp: 534728

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

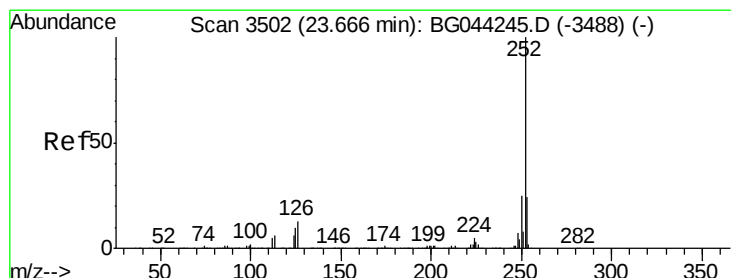
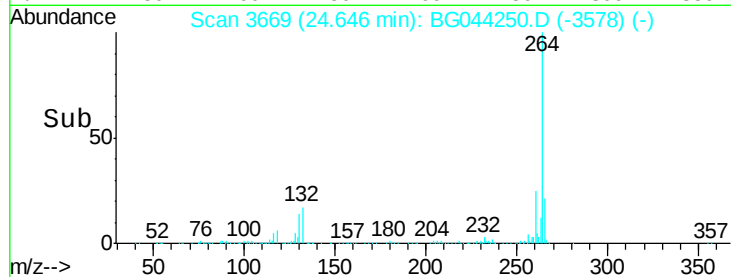
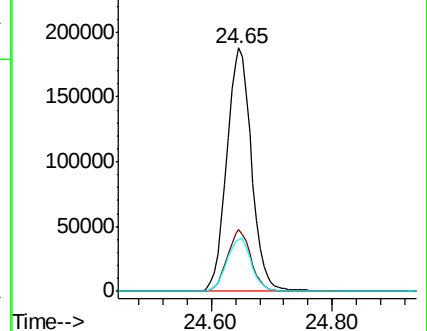
265 21.0 16.7 25.1



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: 40.730 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

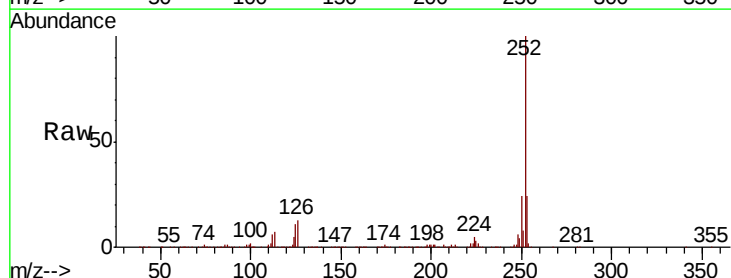
Tgt Ion:252 Resp: 1255014

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

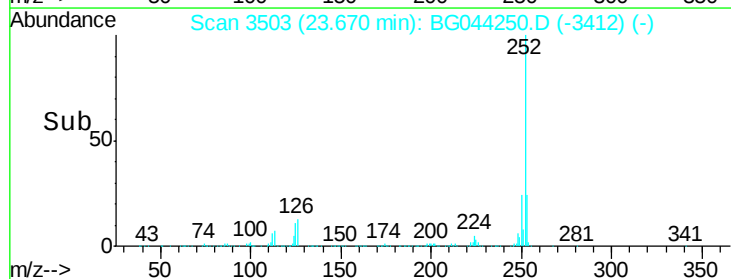
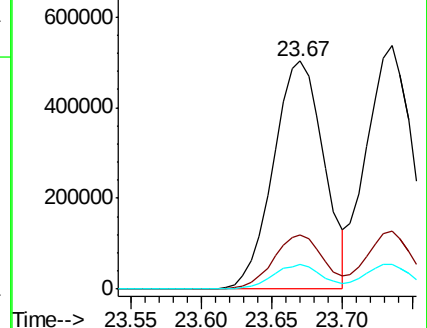
125 11.0 8.4 12.6



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

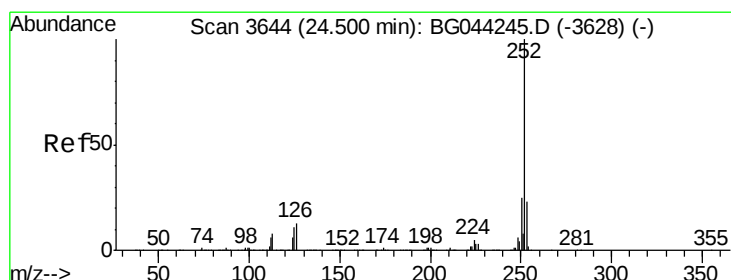
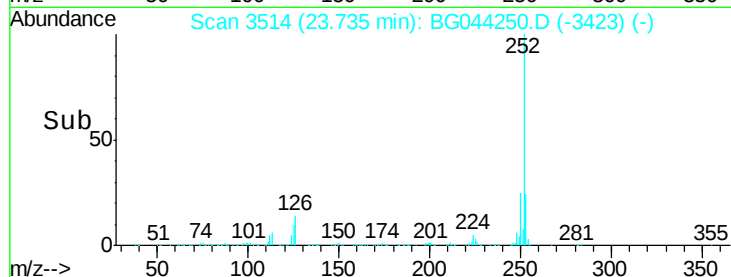
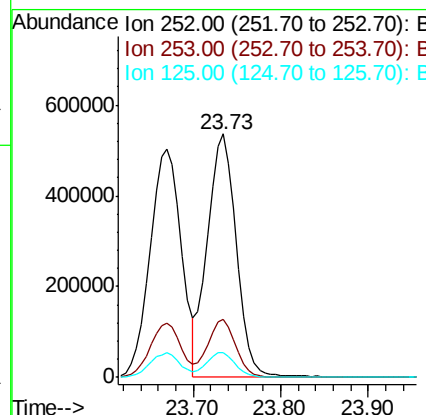
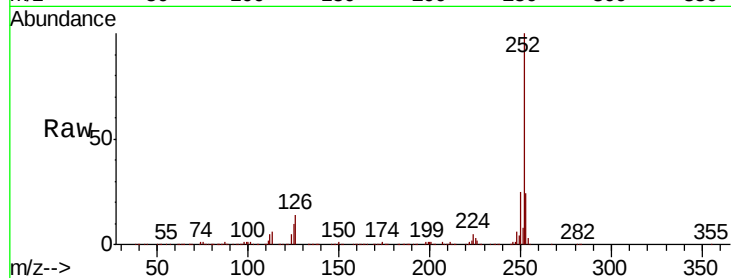




#89
Benzo(k)fluoranthene
Concen: 41.024 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

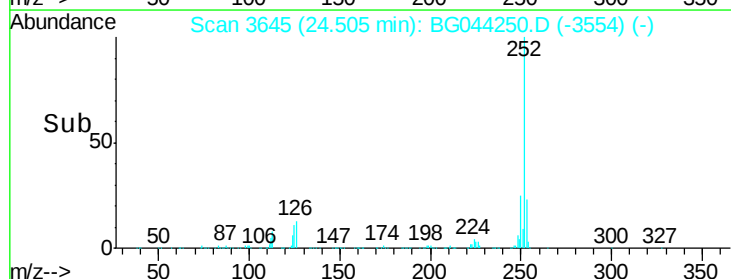
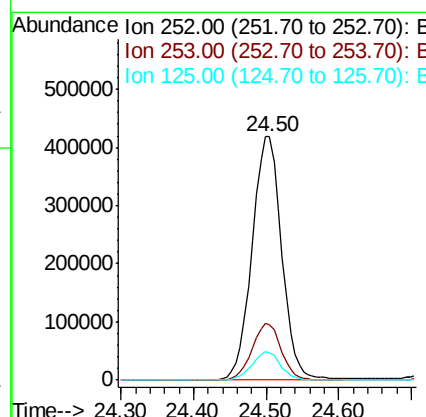
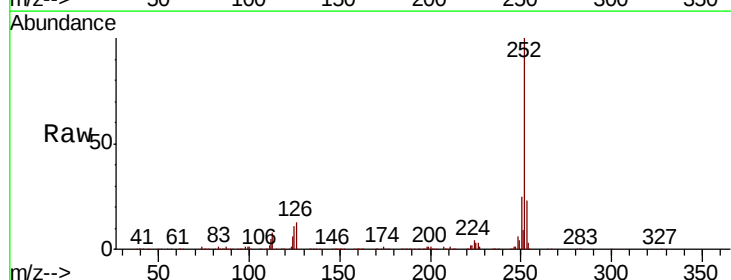
Instrument :
BNA_G
ClientSampleId :

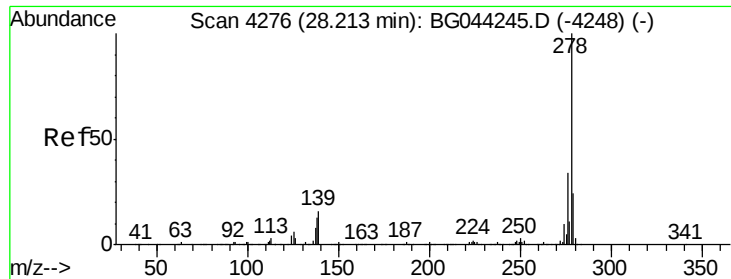
Tot Ion:252 Resp: 1232020
Ion Ratio Lower Upper
252 100
253 24.0 19.1 28.7
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 40.691 ng
RT: 24.50 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BG044250.D
Acq: 30 Jan 2020 15:59

Tgt Ion:252 Resp: 1185459
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.533 ng

RT: 28.22 min Scan# 4277

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

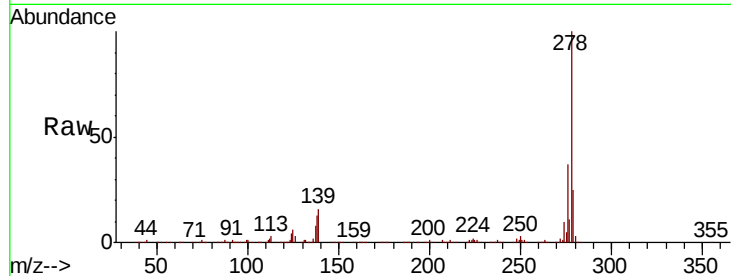
Tot Ion:278 Resp: 1168662

Ion Ratio Lower Upper

278 100

139 15.7 12.7 19.1

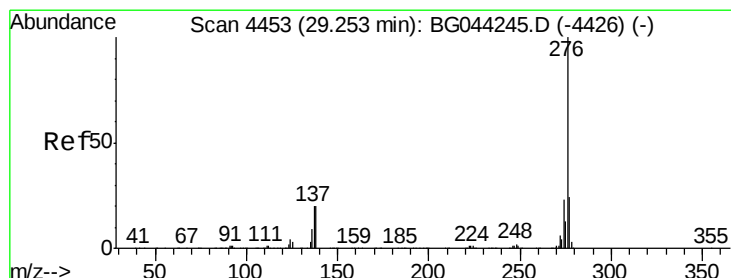
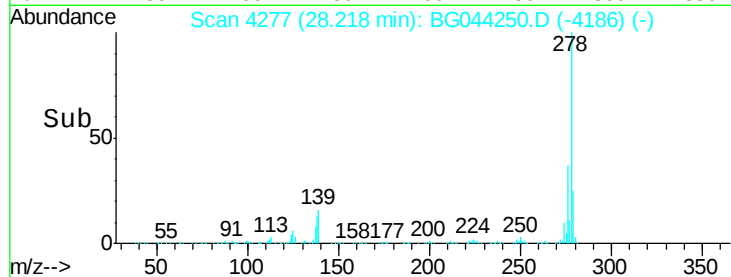
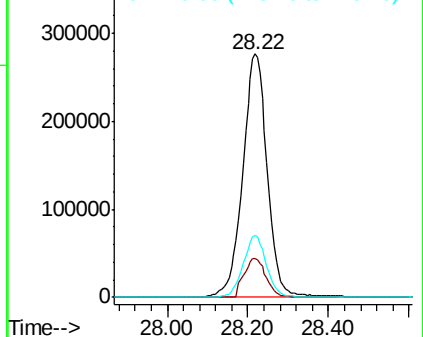
279 25.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.326 ng

RT: 29.25 min Scan# 4453

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

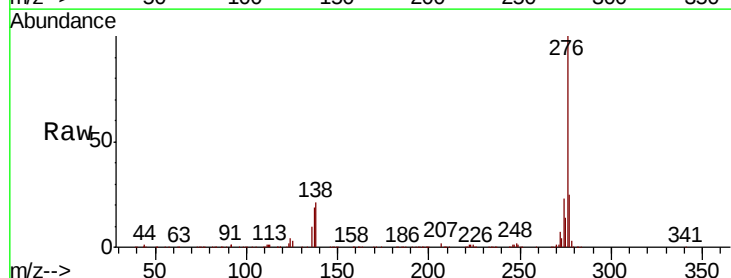
Tgt Ion:276 Resp: 1163941

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 20.9 16.2 24.2



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

