

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044532.D
 Acq On : 20 Feb 2020 22:32
 Operator : CG/JU
 Sample : L1595-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:50:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	59659	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	252824	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	167627	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	374922	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	373069	20.00	ng	-0.03
87) Perylene-d12	24.58	264	405197	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	325190	96.20	ng	-0.02
7) Phenol-d6	7.06	99	437326	96.34	ng	-0.02
23) Nitrobenzene-d5	9.04	82	250353	55.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.02	330	175201	89.03	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	588515	58.79	ng	-0.02
79) Terphenyl-d14	19.88	244	956607	52.74	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	65776	43.308	ng	98
3) Pyridine	3.73	79	158798	39.244	ng	97
4) n-Nitrosodimethylamine	3.65	42	78923	46.675	ng	91
6) Aniline	7.20	93	115160	20.438	ng	99
8) 2-Chlorophenol	7.45	128	204859	55.141	ng	99
9) Benzaldehyde	7.01	77	78948	30.537	ng	96
10) Phenol	7.08	94	252875	56.288	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	182096	47.411	ng	97
12) 1,3-Dichlorobenzene	7.77	146	206653	46.588	ng	97
13) 1,4-Dichlorobenzene	7.91	146	209293	47.639	ng	99
14) 1,2-Dichlorobenzene	8.24	146	198563	47.817	ng	98
15) Benzyl Alcohol	8.12	79	162756	50.643	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	232585	44.742	ng	99
17) 2-Methylphenol	8.33	107	171436	53.485	ng	97
18) Hexachloroethane	8.96	117	76331	46.300	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	141399	46.739	ng	97
20) 3+4-Methylphenols	8.66	107	235205	53.245	ng	99
22) Acetophenone	8.70	105	268095	43.590	ng	99
24) Nitrobenzene	9.08	77	203279	46.497	ng	96
25) Isophorone	9.61	82	387934	46.477	ng	99
26) 2-Nitrophenol	9.79	139	113094	49.854	ng	99
27) 2,4-Dimethylphenol	9.86	122	190543	59.503	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	248193	44.574	ng	100
29) 2,4-Dichlorophenol	10.33	162	198788	51.339	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199017	44.825	ng	97
31) Naphthalene	10.73	128	585786	47.756	ng	100
32) Benzoic acid	10.03	122	54395	32.346	ng	96
33) 4-Chloroaniline	10.84	127	65371	11.718	ng	99
34) Hexachlorobutadiene	11.03	225	118327	43.312	ng	99
35) Caprolactam	11.61	113	43773	30.861	ng	94
36) 4-Chloro-3-methylphenol	11.98	107	209141	51.517	ng	99
37) 2-Methylnaphthalene	12.34	142	431130	47.338	ng	100
38) 1-Methylnaphthalene	12.56	142	411185	47.888	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218270	43.530	ng	99

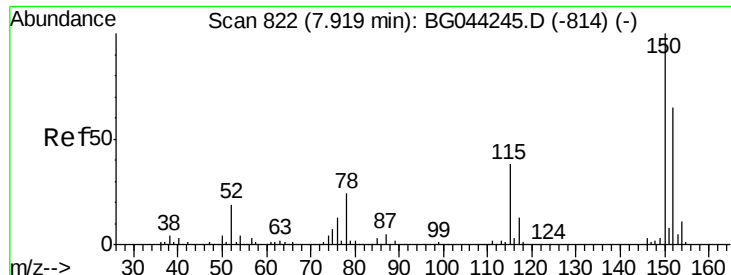
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044532.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	217785	90.518	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	157044	48.454	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	169906	51.324	ng	99
46) 1,1'-Biphenyl	13.35	154	550532	45.532	ng	99
47) 2-Chloronaphthalene	13.40	162	432762	44.979	ng	100
48) 2-Nitroaniline	13.59	65	125085	44.052	ng	98
49) Acenaphthylene	14.24	152	686597	48.653	ng	99
50) Dimethylphthalate	13.98	163	584525	48.510	ng	100
51) 2,6-Dinitrotoluene	14.09	165	125697	46.786	ng	98
52) Acenaphthene	14.59	154	417126	45.602	ng	98
53) 3-Nitroaniline	14.42	138	47661	16.035	ng	96
54) 2,4-Dinitrophenol	14.63	184	105200	67.409	ng	98
55) Dibenzofuran	14.92	168	656794	47.425	ng	97
56) 4-Nitrophenol	14.75	139	225630	103.630	ng	99
57) 2,4-Dinitrotoluene	14.89	165	174885	46.444	ng	95
58) Fluorene	15.57	166	520257	47.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153371	51.291	ng	98
60) Diethylphthalate	15.35	149	551167	45.906	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	272170	46.018	ng	98
62) 4-Nitroaniline	15.59	138	126532	42.602	ng	99
63) Azobenzene	15.86	77	487288	46.308	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100575	48.597	ng	98
66) n-Nitrosodiphenylamine	15.78	169	485918	46.247	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	182355	44.643	ng	99
68) Hexachlorobenzene	16.59	284	200678	43.852	ng	97
69) Atrazine	16.73	200	189373	52.585	ng	98
70) Pentachlorophenol	16.93	266	200740	86.480	ng	97
71) Phenanthrene	17.31	178	851127	46.881	ng	98
72) Anthracene	17.40	178	880018	49.028	ng	99
73) Carbazole	17.67	167	802735	48.512	ng	99
74) Di-n-butylphthalate	18.23	149	971475	47.509	ng	99
75) Fluoranthene	19.32	202	1039268	49.484	ng	100
77) Benzidine	19.50	184	281306	27.184	ng	97
78) Pyrene	19.68	202	1049045	43.786	ng	98
80) Butylbenzylphthalate	20.57	149	461307	42.251	ng	98
81) Benzo(a)anthracene	21.49	228	1024353	44.551	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	164007	18.379	ng	99
83) Chrysene	21.56	228	980159	44.103	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	663278	44.136	ng	99
85) Di-n-octyl phthalate	22.57	149	1168238	44.929	ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1286388	44.366	ng	99
88) Benzo(b)fluoranthene	23.61	252	1080379	46.271	ng	99
89) Benzo(k)fluoranthene	23.68	252	1090754	47.931	ng	99
90) Benzo(a)pyrene	24.44	252	1019806	46.195	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1061230	48.573	ng	98
92) Benzo(g,h,i)perylene	29.15	276	1082726	49.504	ng	98

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

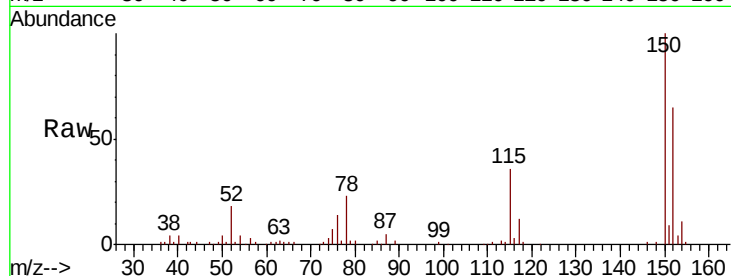


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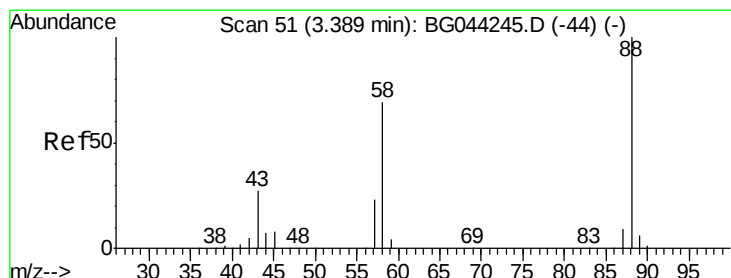
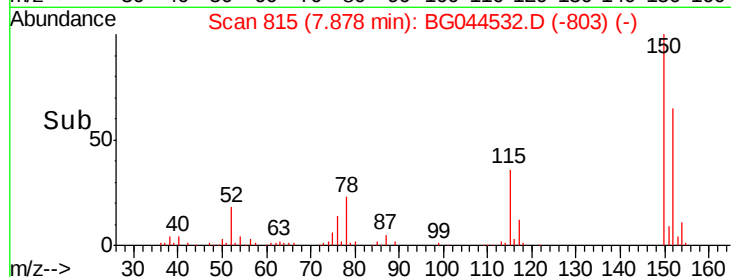
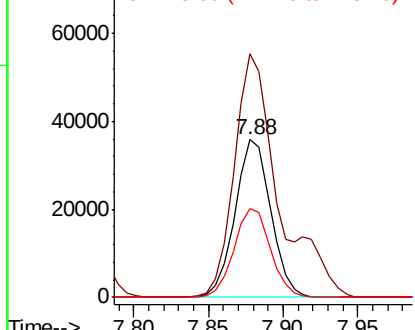
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59659
Ion Ratio Lower Upper
152 100
150 154.4 122.6 183.8
115 56.2 46.0 69.0



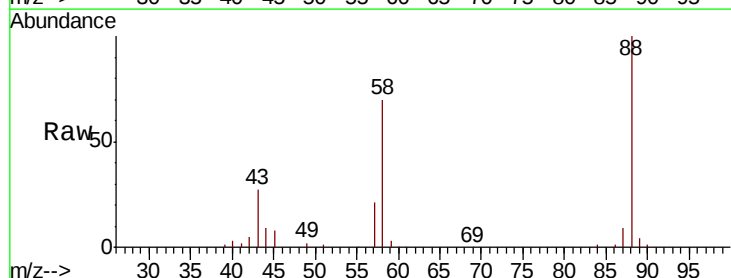
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



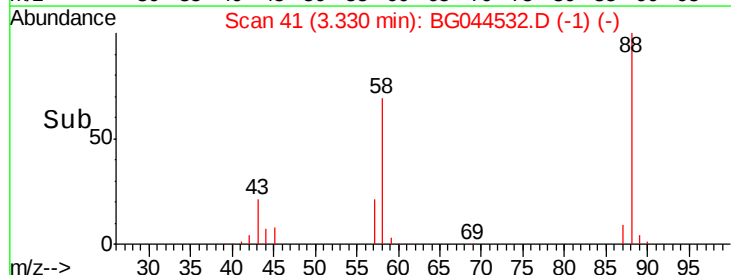
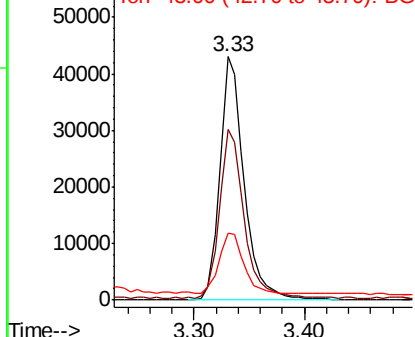
#2

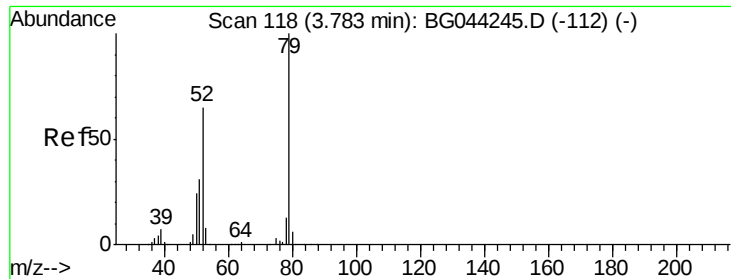
1,4-Dioxane
Concen: 43.308 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion: 88 Resp: 65776
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.6
43 25.1 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: 39.244 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

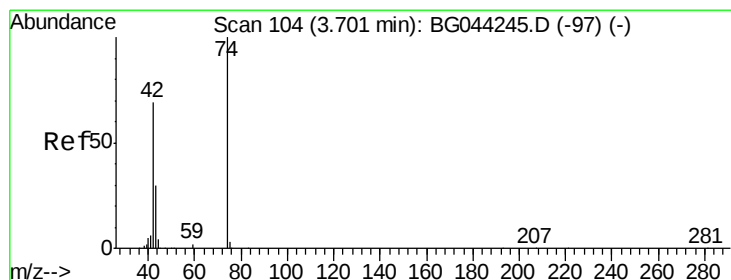
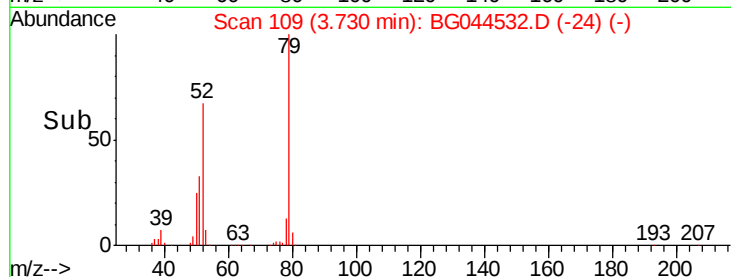
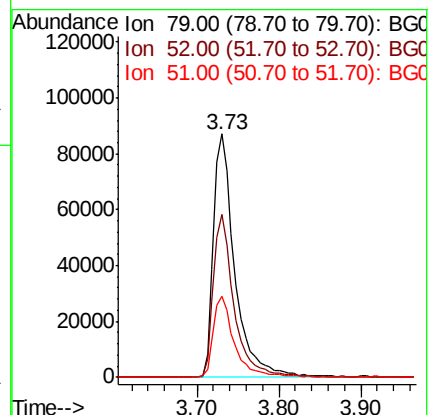
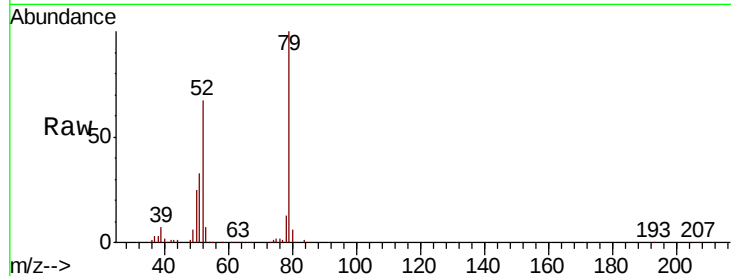
Tot Ion: 79 Resp: 158798

Ion Ratio Lower Upper

79 100

52 66.9 51.9 77.9

51 33.1 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 46.675 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

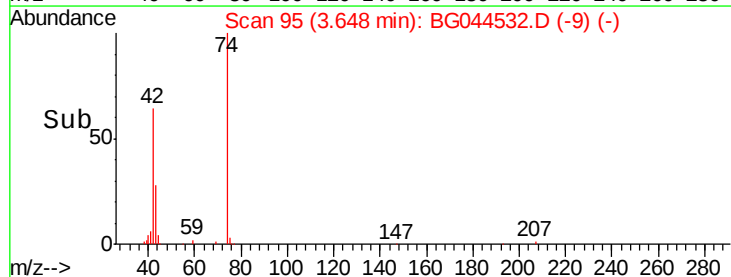
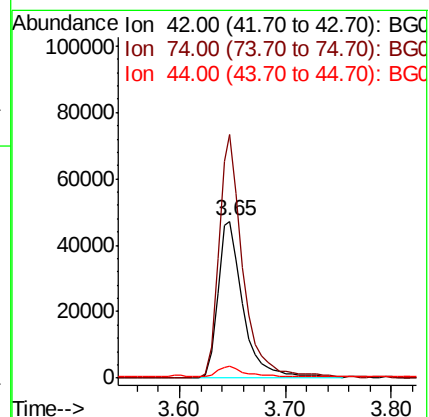
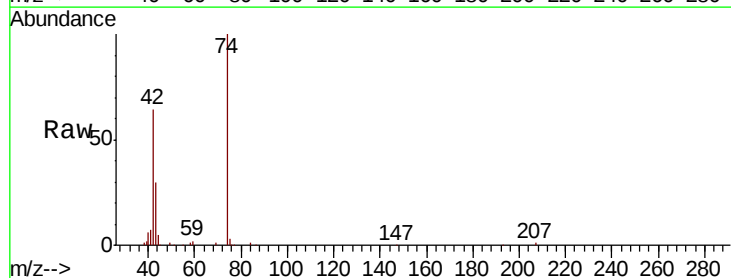
Tgt Ion: 42 Resp: 78923

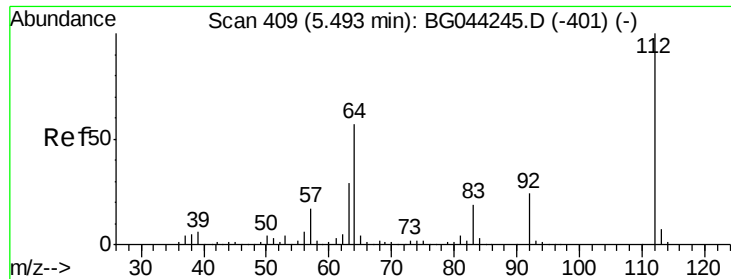
Ion Ratio Lower Upper

42 100

74 155.5 115.1 172.7

44 7.6 5.6 8.4





#5

2-Fluorophenol

Concen: 96.198 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

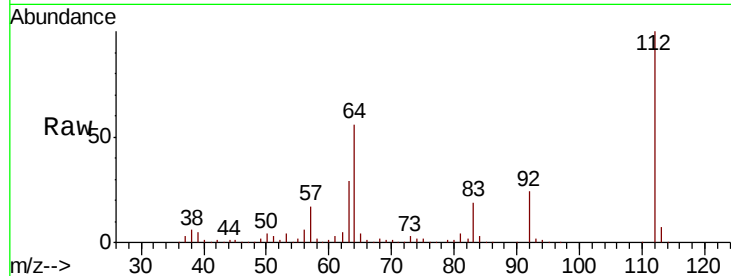
Tot Ion:112 Resp: 325190

Ion Ratio Lower Upper

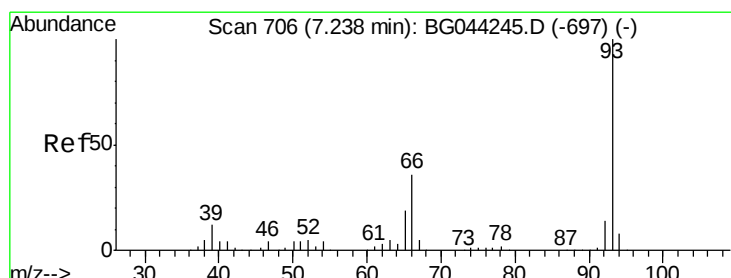
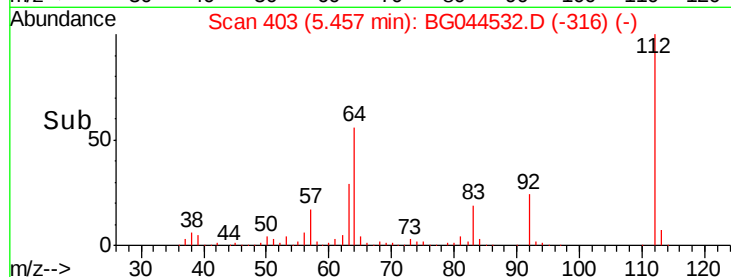
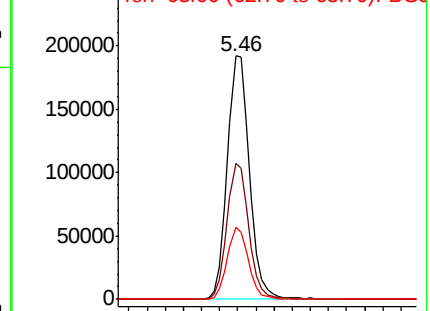
112 100

64 56.2 45.4 68.2

63 29.4 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: 20.438 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

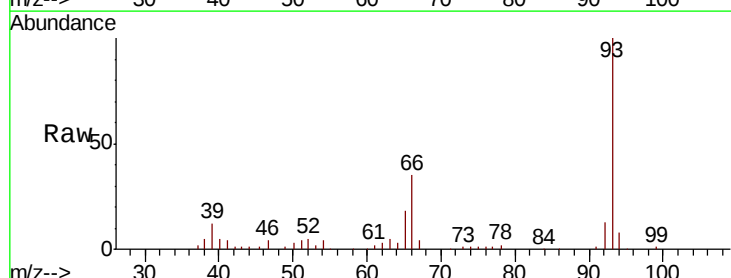
Tgt Ion: 93 Resp: 115160

Ion Ratio Lower Upper

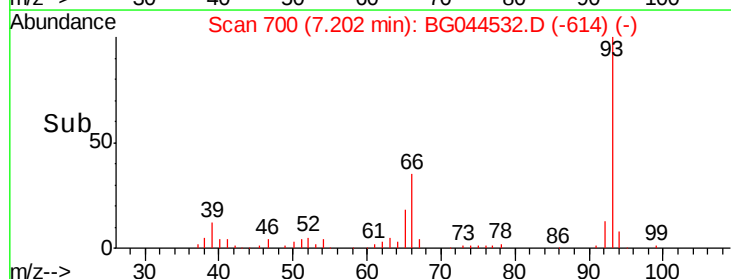
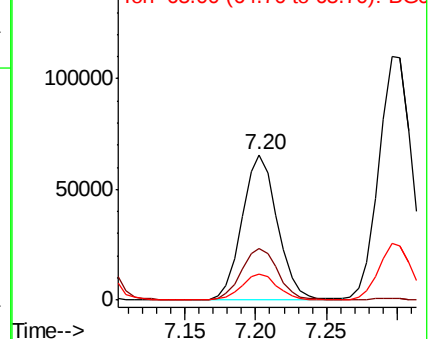
93 100

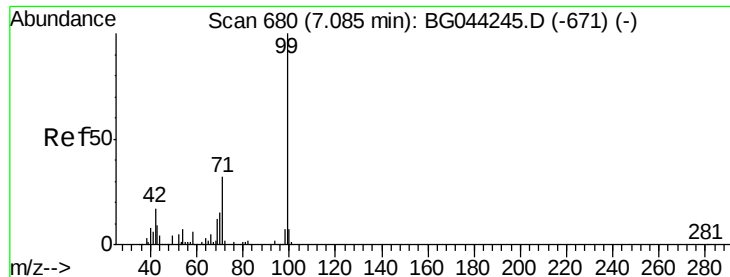
66 35.5 28.7 43.1

65 18.3 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: 96.340 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

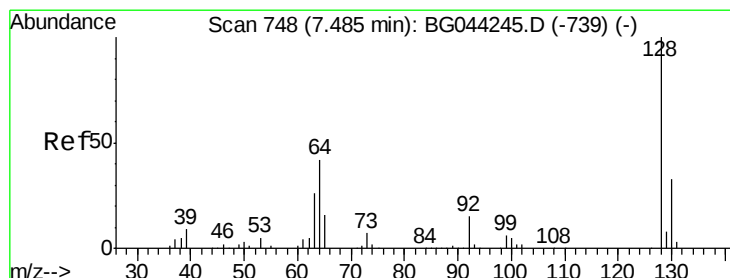
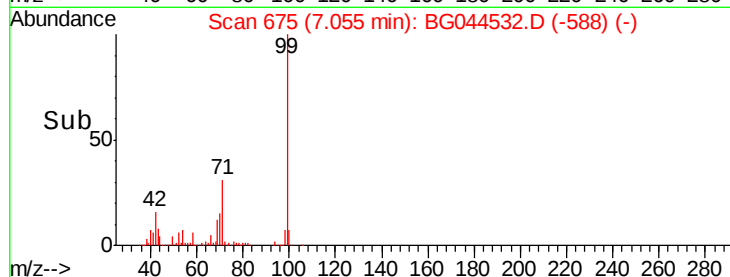
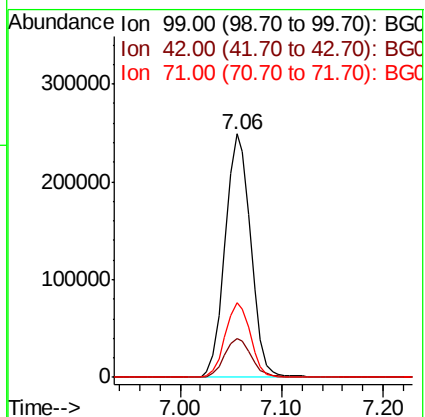
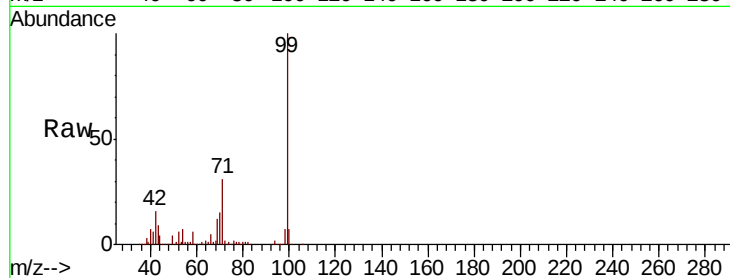
Tot Ion: 99 Resp: 437326

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

71 30.8 25.5 38.3



#8

2-Chlorophenol

Concen: 55.141 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

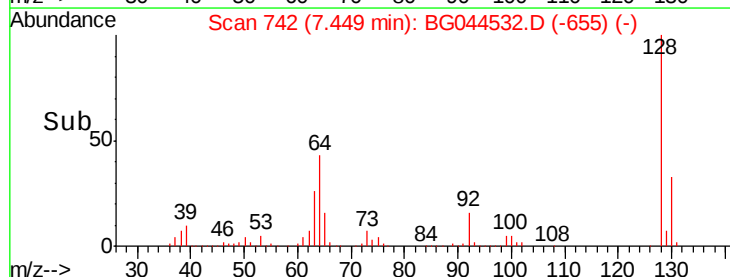
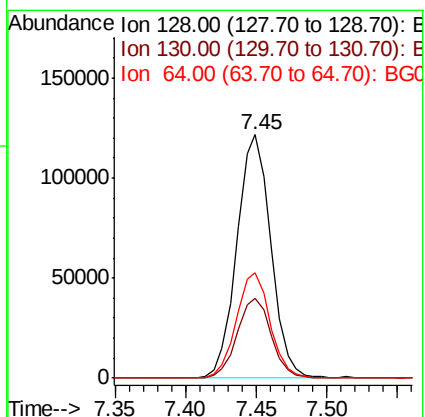
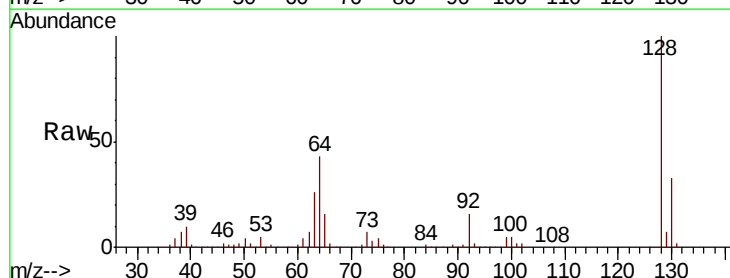
Tgt Ion: 128 Resp: 204859

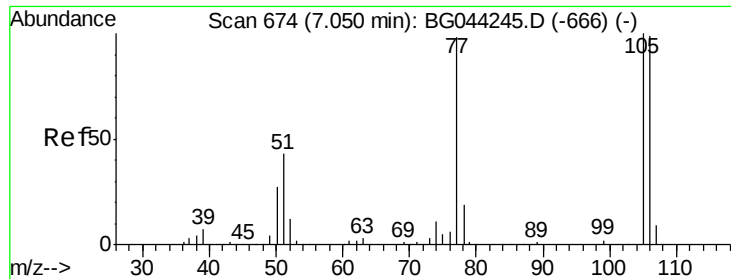
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 43.4 24.2 64.2





#9

Benzaldehyde

Concen: 30.537 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

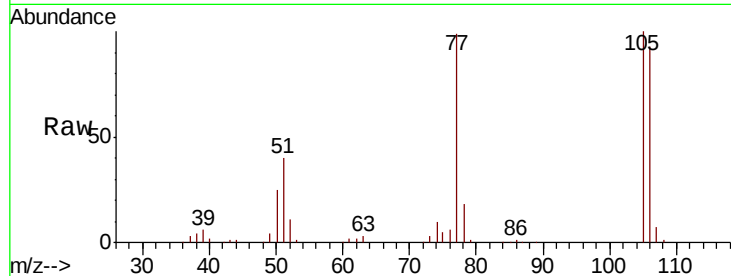
Tot Ion: 77 Resp: 78948

Ion Ratio Lower Upper

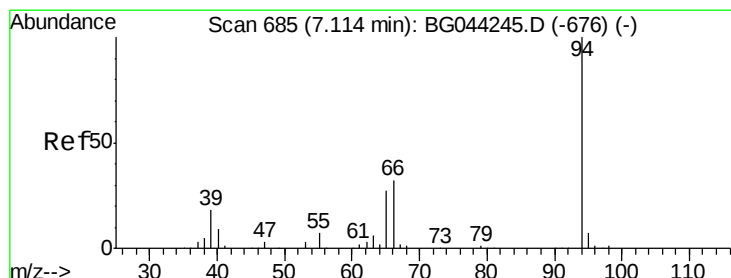
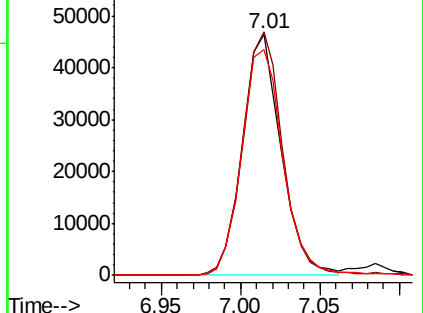
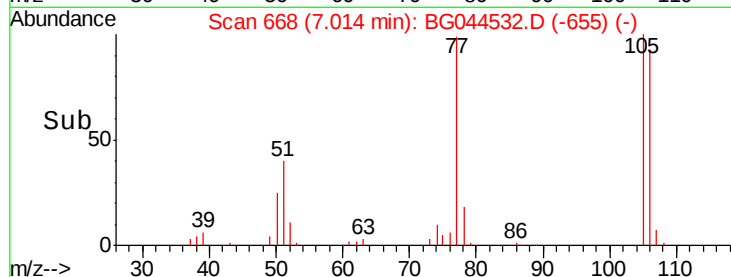
77 100

105 101.0 82.0 122.0

106 93.6 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: 56.288 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

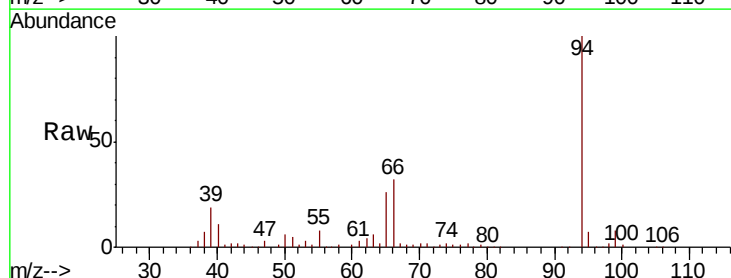
Tgt Ion: 94 Resp: 252875

Ion Ratio Lower Upper

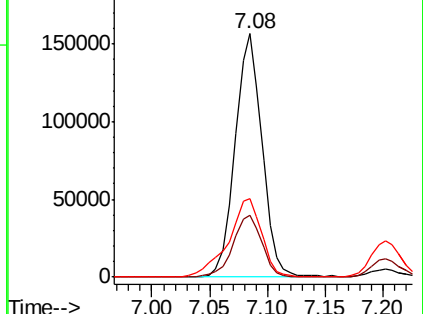
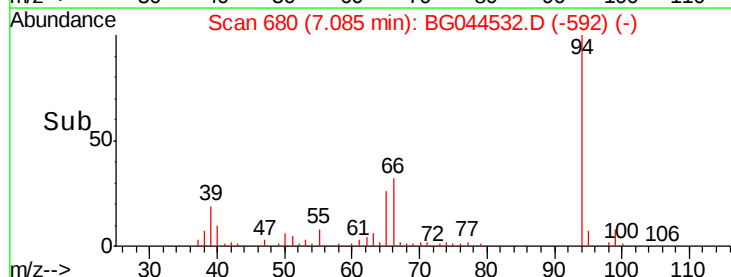
94 100

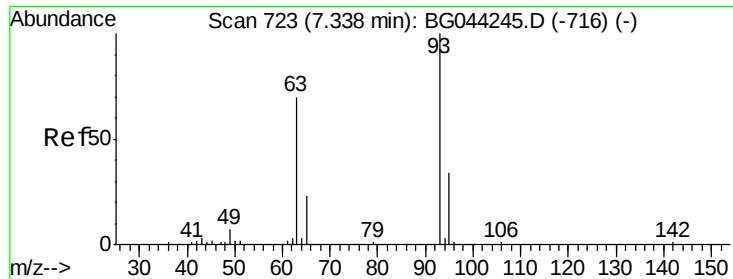
65 25.6 7.0 47.0

66 32.4 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

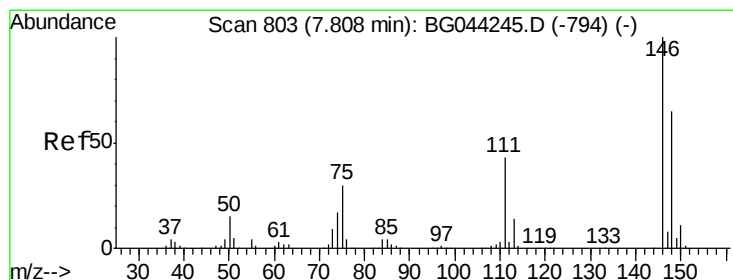
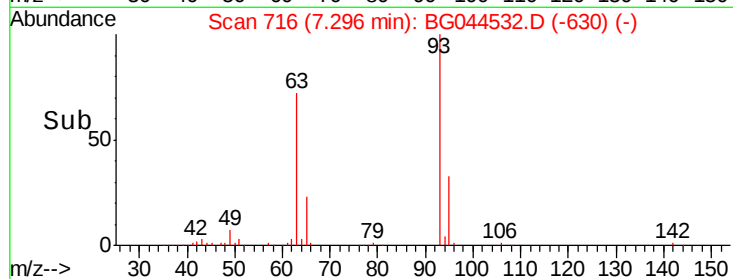
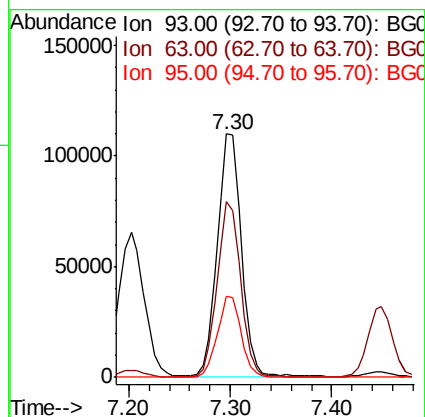
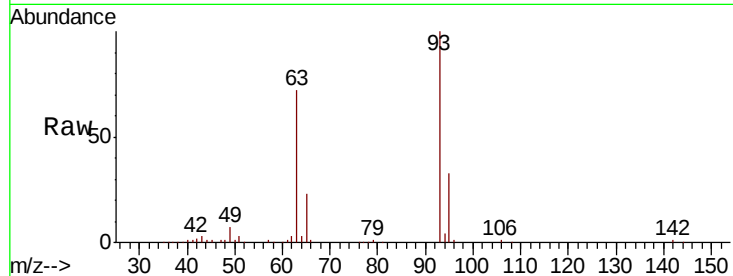




#11
 bis(2-Chloroethyl)ether
 Concen: 47.411 ng
 RT: 7.30 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

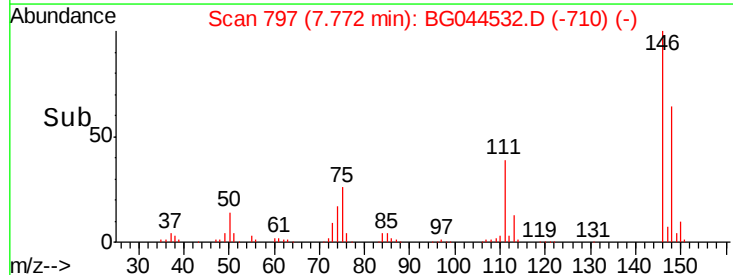
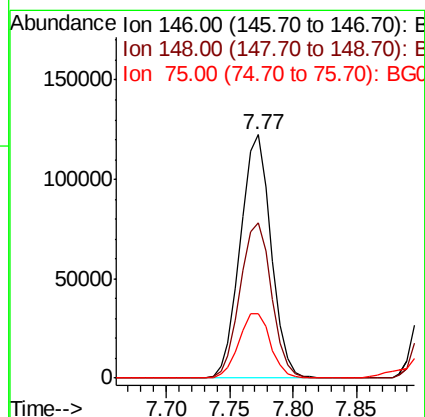
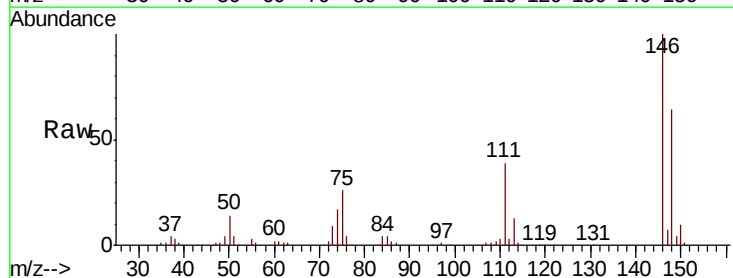
Instrument :
 BNA_G
 ClientSampled :

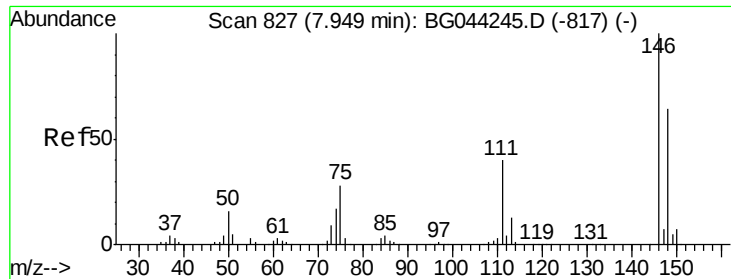
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	49.2	89.2
95	33.4	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 46.588 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	26.3	23.7	35.5

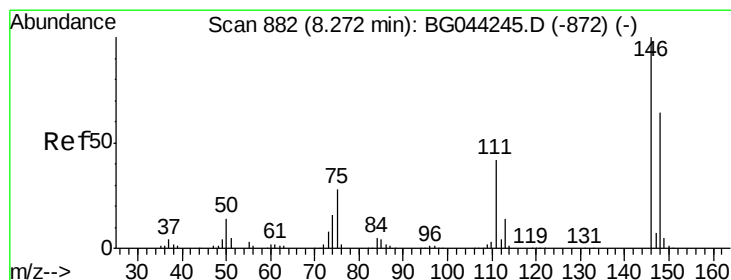
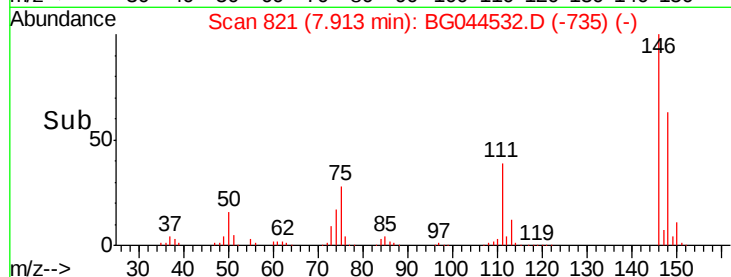
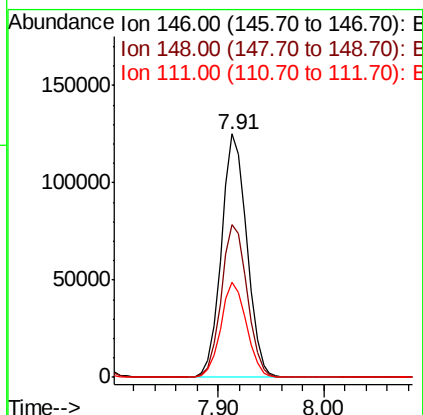
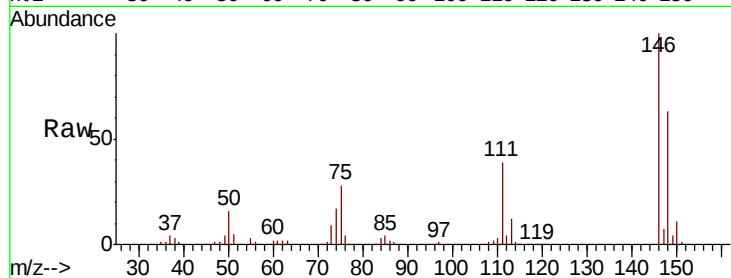




#13
 1,4-Dichlorobenzene
 Concen: 47.639 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

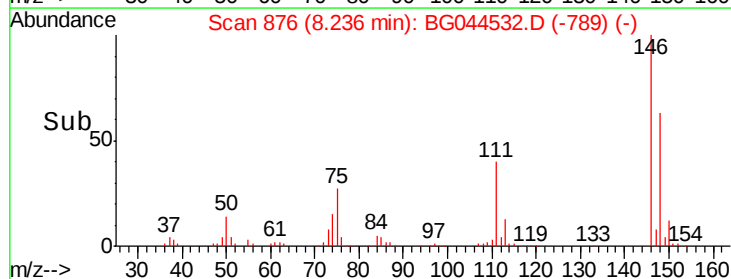
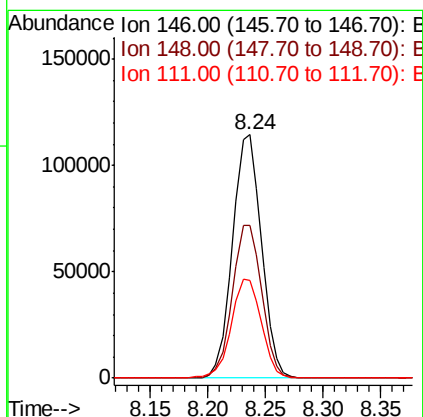
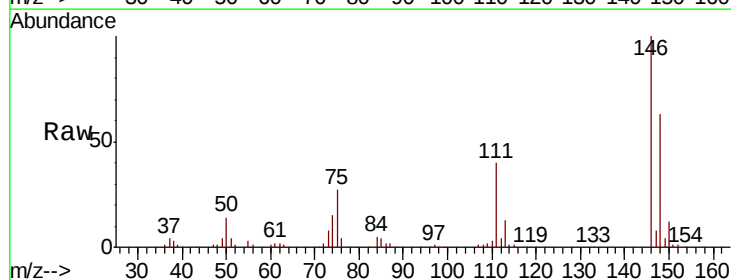
Instrument :
 BNA_G
 ClientSampleId :

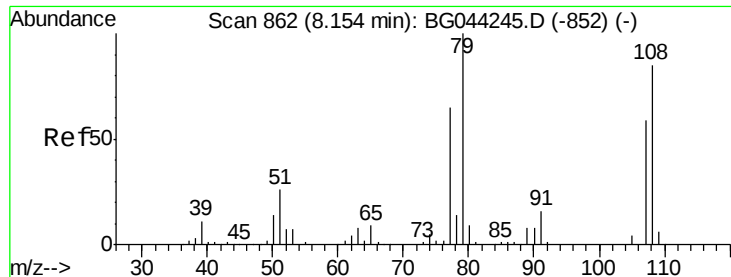
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
111	39.0	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 47.817 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.2	76.8
111	40.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.643 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

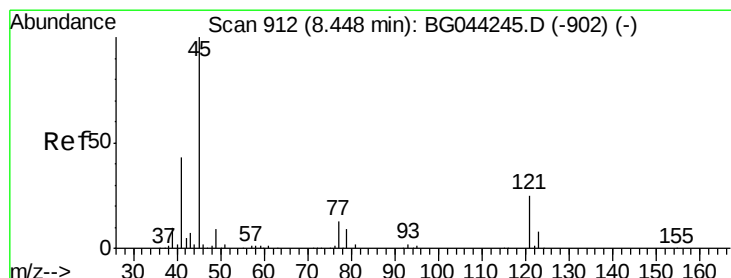
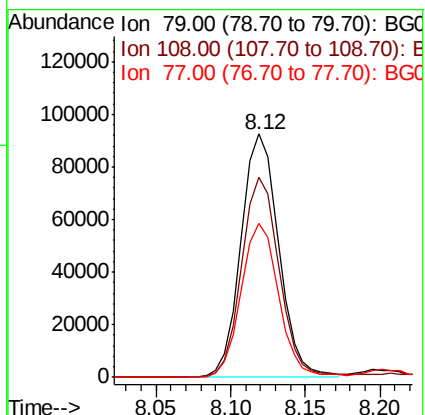
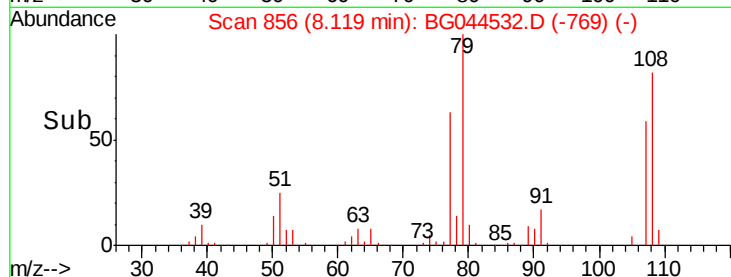
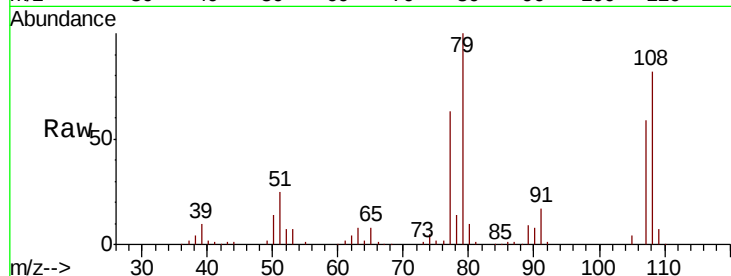
Tot Ion: 79 Resp: 162756

Ion Ratio Lower Upper

79 100

108 82.4 68.3 102.5

77 63.3 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.742 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

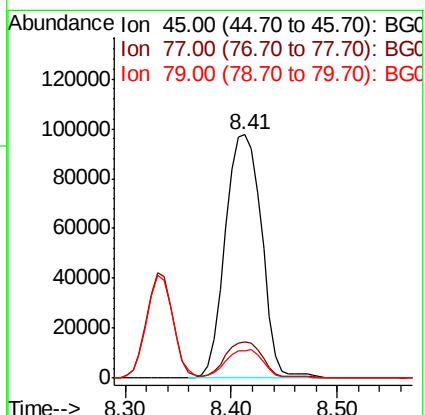
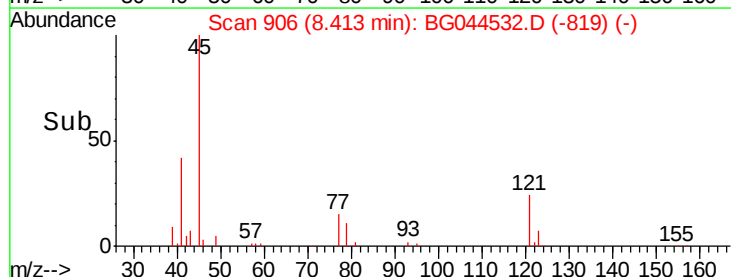
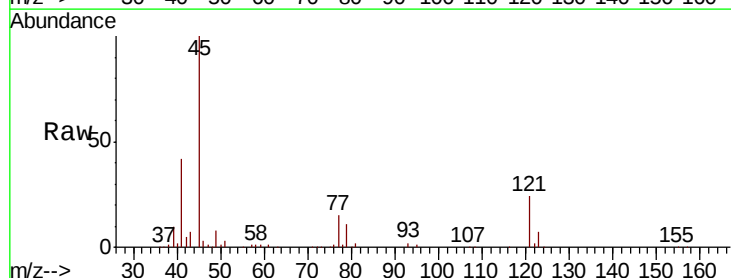
Tgt Ion: 45 Resp: 232585

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.2

79 11.3 0.0 31.1

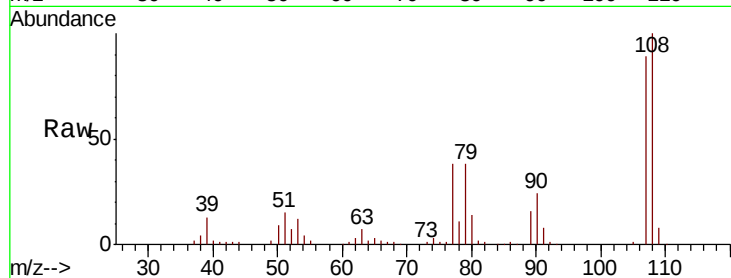




#17
2-Methylphenol
Concen: 53.485 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.4	129.6
77	43.0	34.0	51.0
79	42.3	32.9	49.3



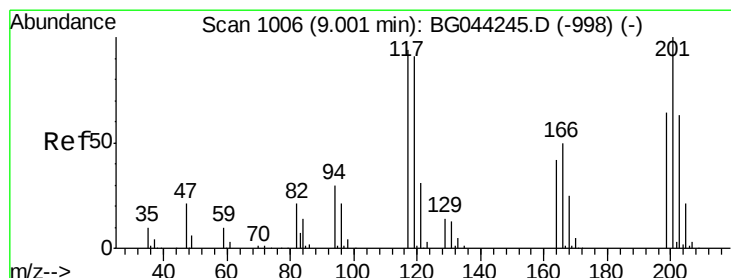
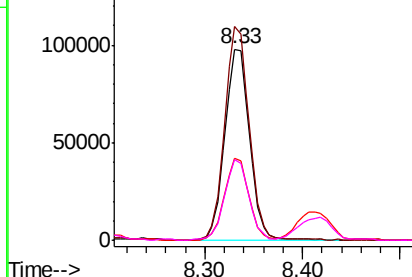
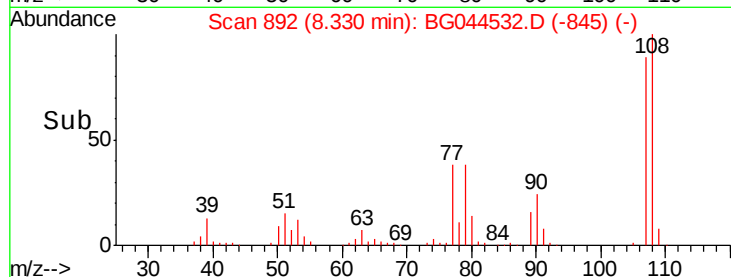
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

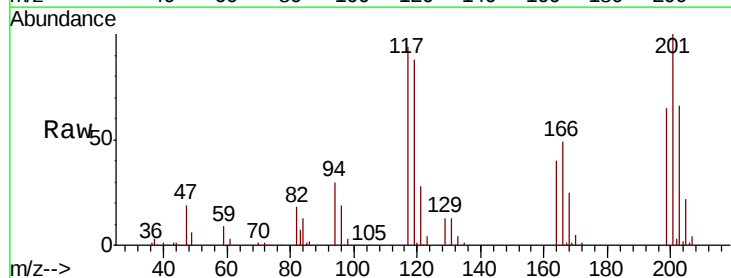
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.300 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.5	116.3
201	106.8	84.9	127.3

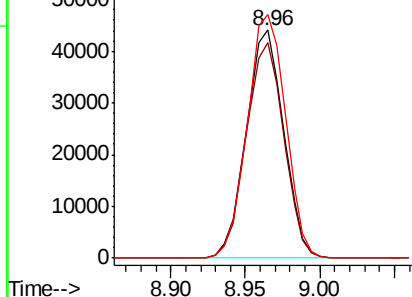
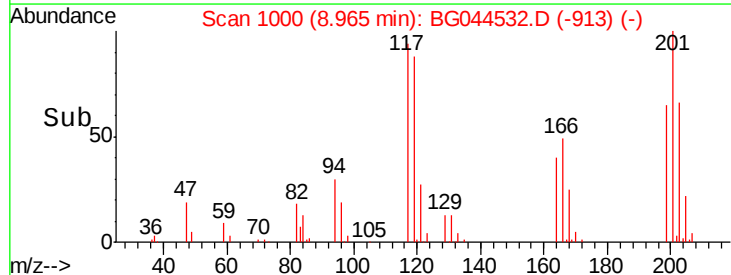


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

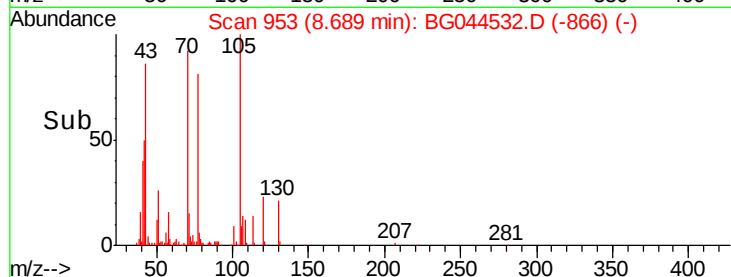
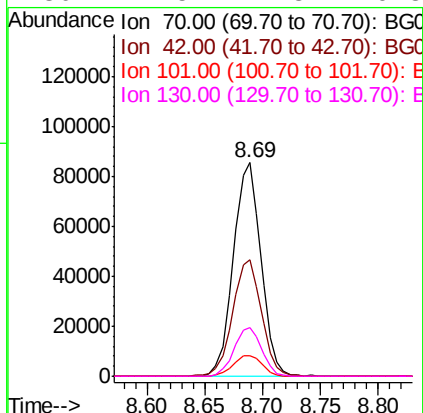
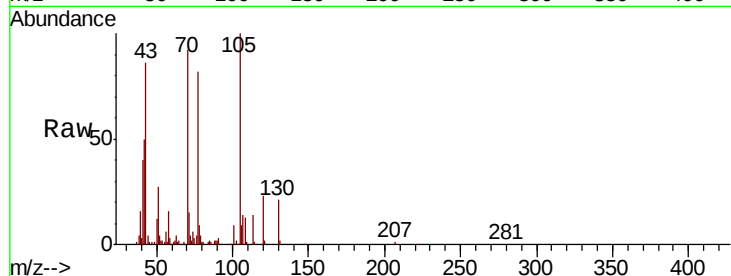




#19
n-Nitroso-di-n-propylamine
Concen: 46.739 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

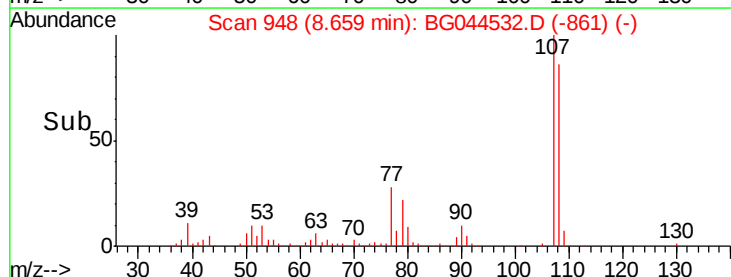
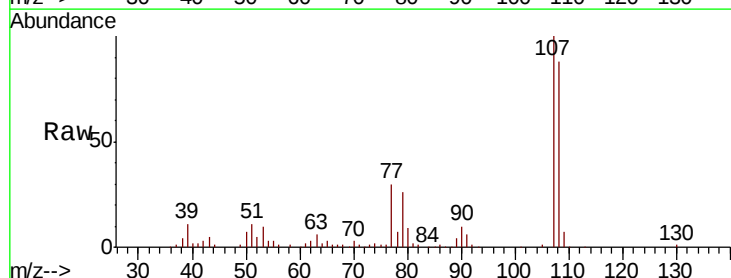
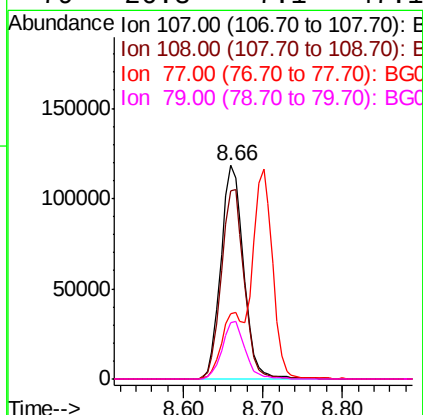
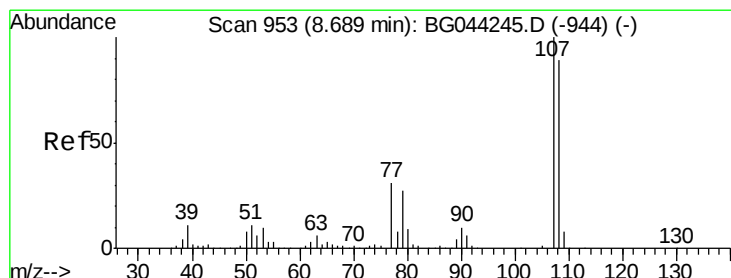
Instrument :
BNA_G
ClientSampleId :

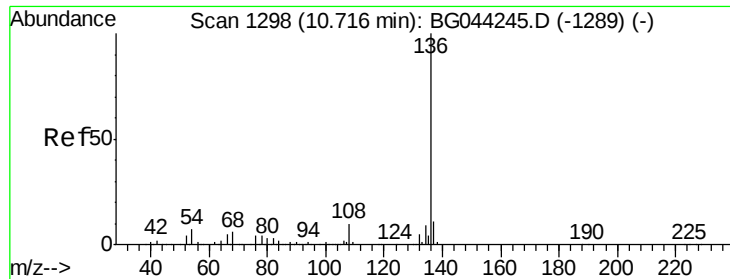
Tot Ion:	70	Resp:	141399
Ion	Ratio	Lower	Upper
70	100		
42	54.6	46.2	69.2
101	9.9	8.4	12.6
130	22.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 53.245 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:	107	Resp:	235205
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	30.4	10.9	50.9
79	26.3	7.1	47.1

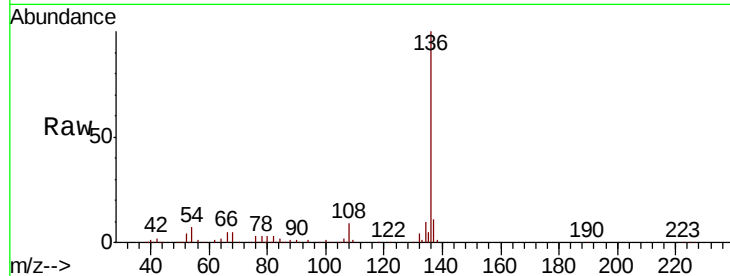




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	252824
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.8	8.8
68	5.5	4.6	6.8



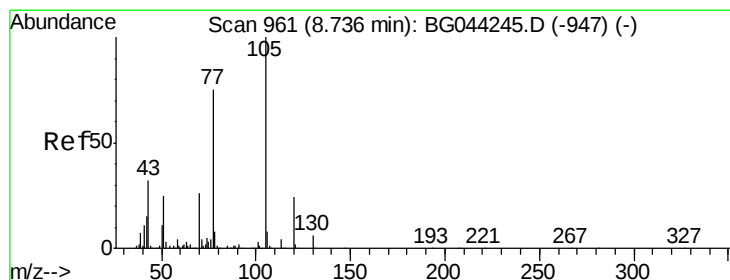
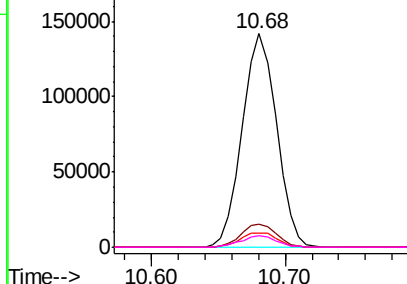
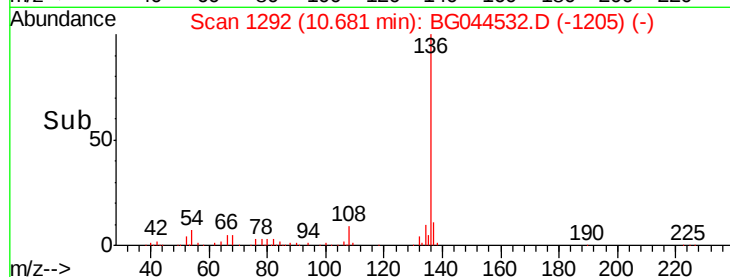
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

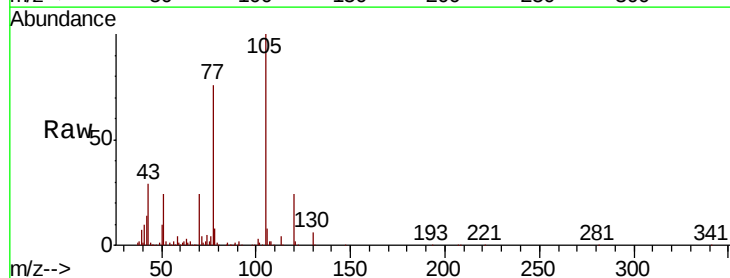
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.590 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:	105	Resp:	268095
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.0
51	24.2	20.2	30.4
120	23.6	19.1	28.7



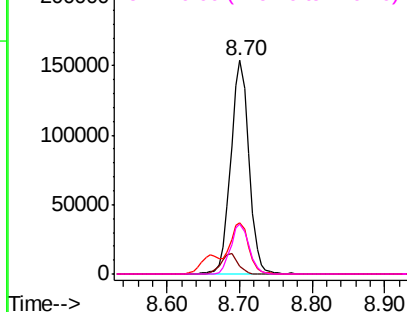
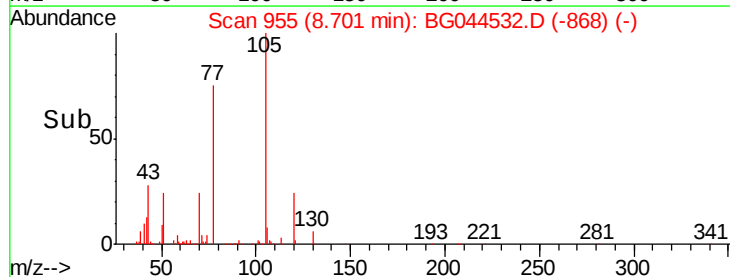
Abundance

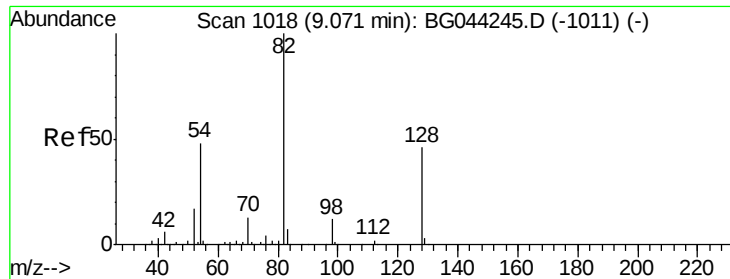
Ion 105.00 (104.70 to 105.70): E

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

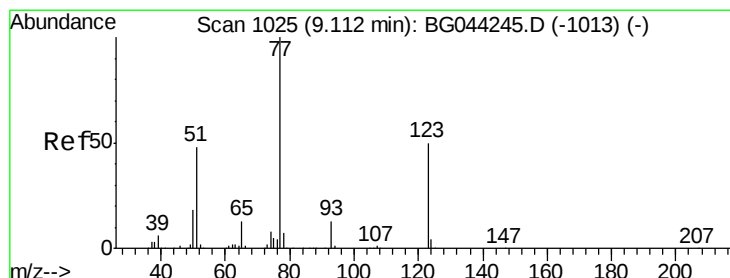
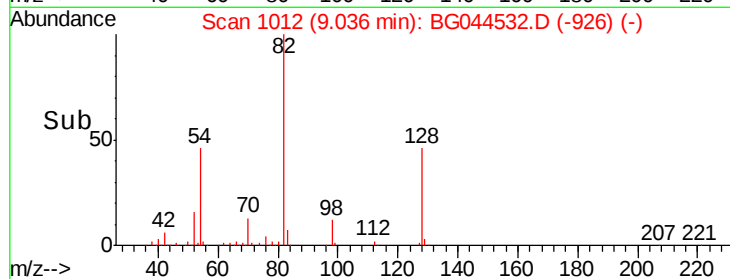
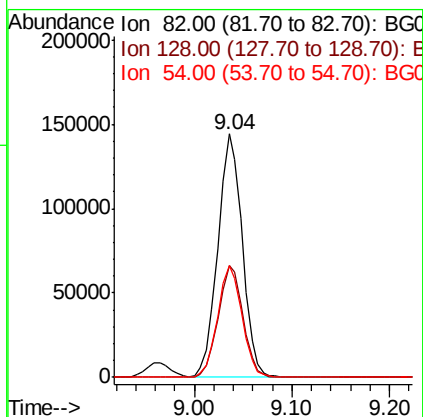
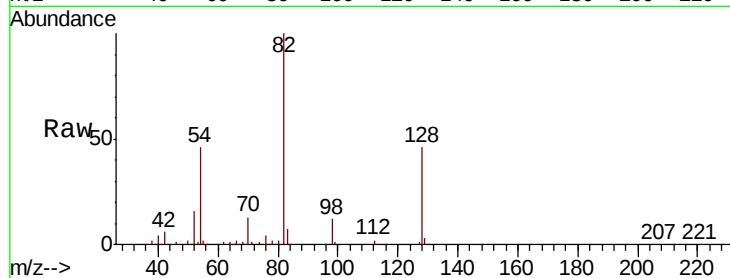




#23
 Nitrobenzene-d5
 Concen: 55.905 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

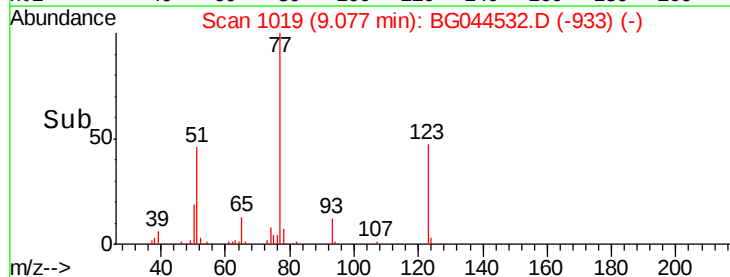
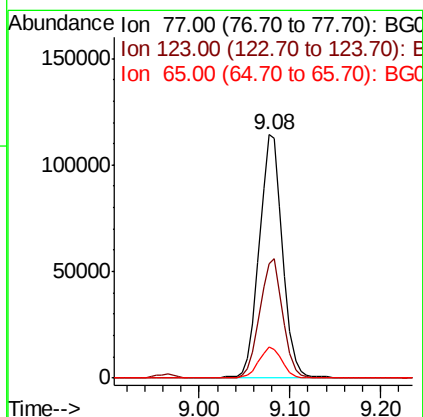
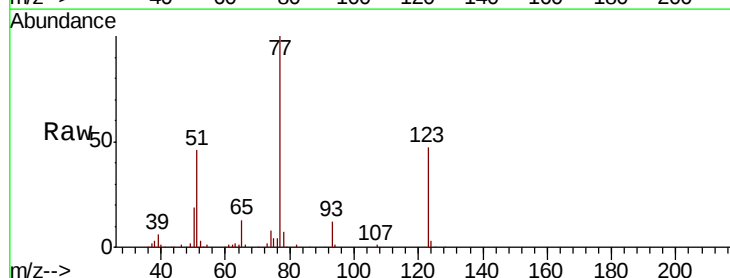
Instrument :
 BNA_G
 ClientSampleId :

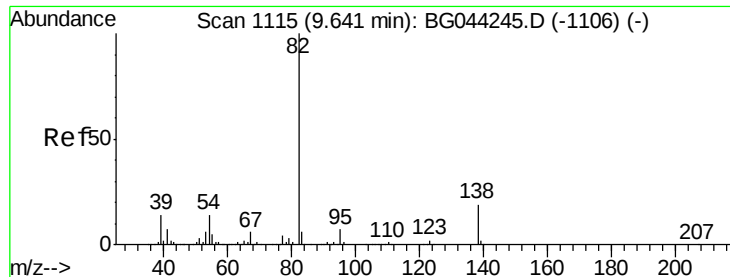
Tot Ion	82	Resp	250353
Ion Ratio	100	Lower	Upper
128	45.7	36.5	54.7
54	45.9	38.6	58.0



#24
 Nitrobenzene
 Concen: 46.497 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	77	Resp	203279
Ion Ratio	100	Lower	Upper
123	46.9	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 46.477 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

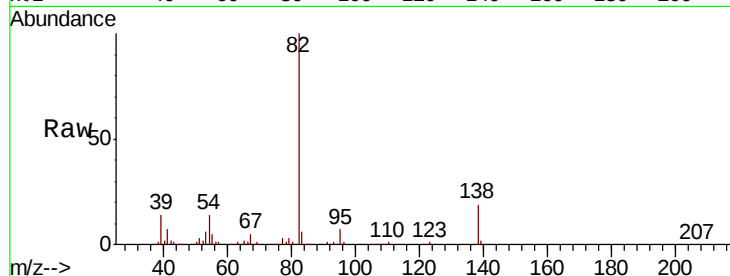
Tot Ion: 82 Resp: 387934

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

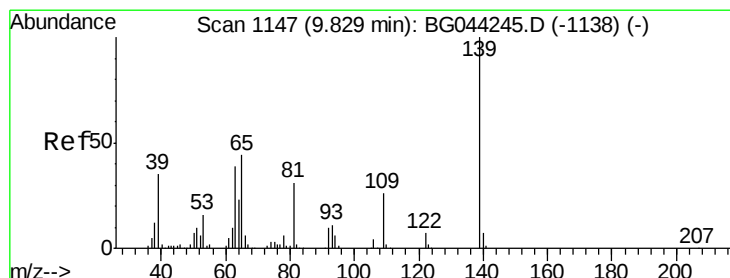
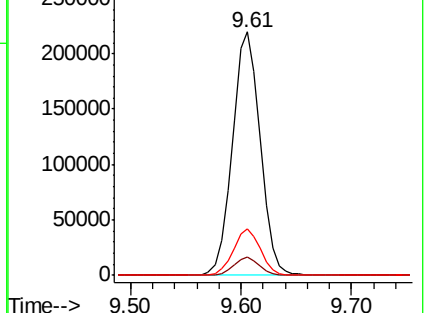
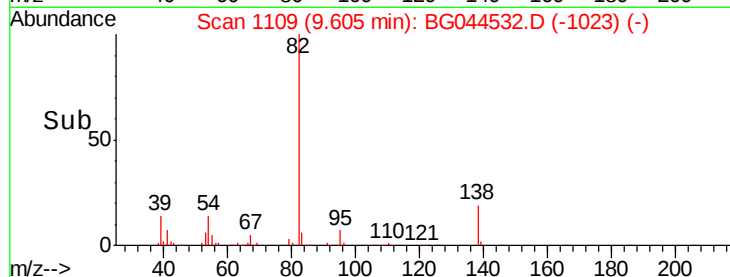
138 19.1 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044532.D (-1106) (-)

Ion 95.00 (94.70 to 95.70): BG044532.D (-1106) (-)

Ion 138.00 (137.70 to 138.70): BG044532.D (-1106) (-)



#26

2-Nitrophenol

Concen: 49.854 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

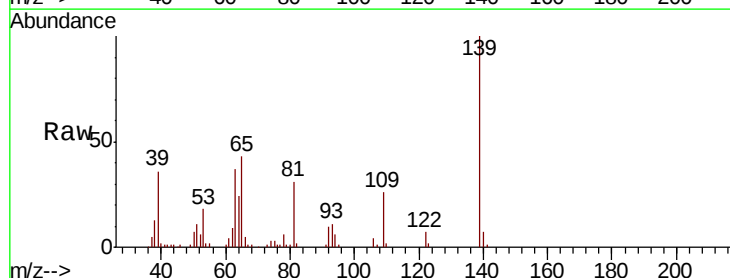
Tgt Ion: 139 Resp: 113094

Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.4

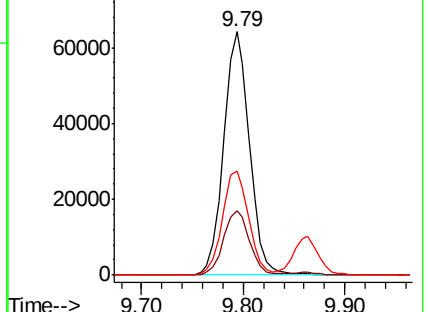
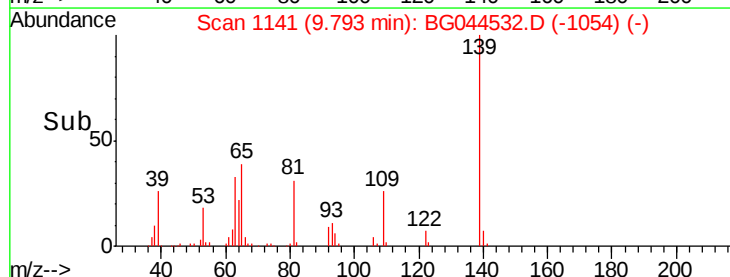
65 42.7 35.0 52.4

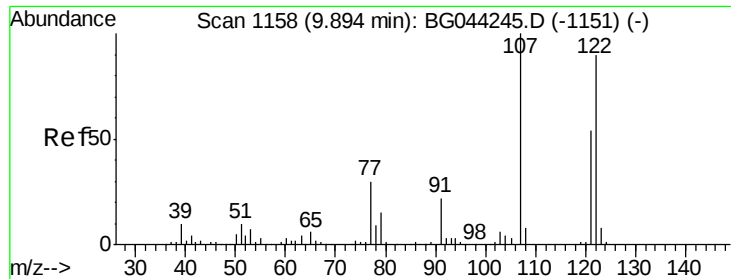


Abundance Ion 139.00 (138.70 to 139.70): BG044532.D (-1138) (-)

Ion 109.00 (108.70 to 109.70): BG044532.D (-1138) (-)

Ion 65.00 (64.70 to 65.70): BG044532.D (-1138) (-)

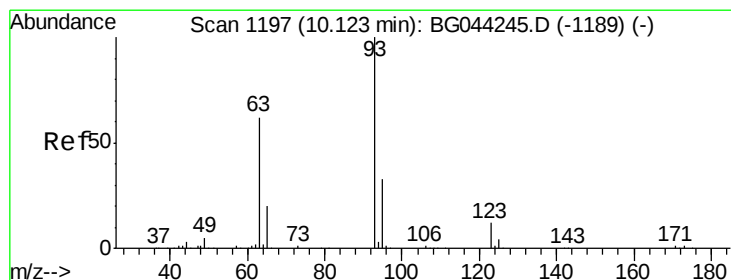
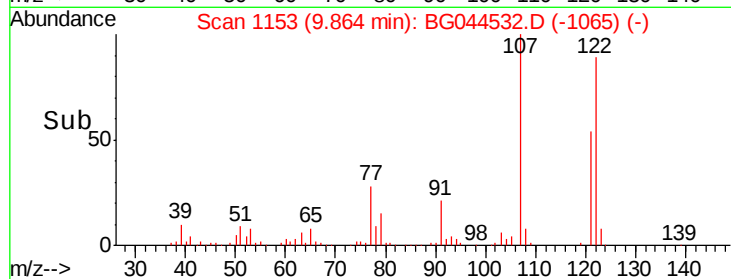
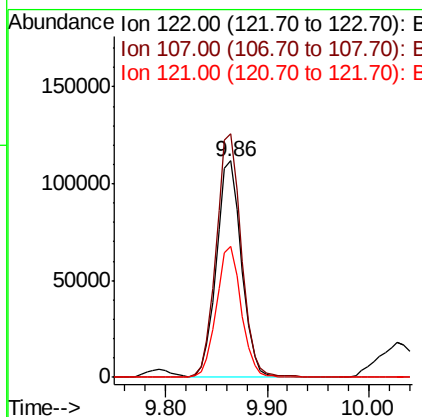
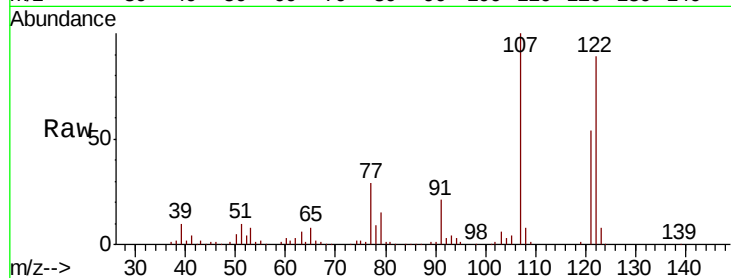




#27
 2,4-Dimethylphenol
 Concen: 59.503 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

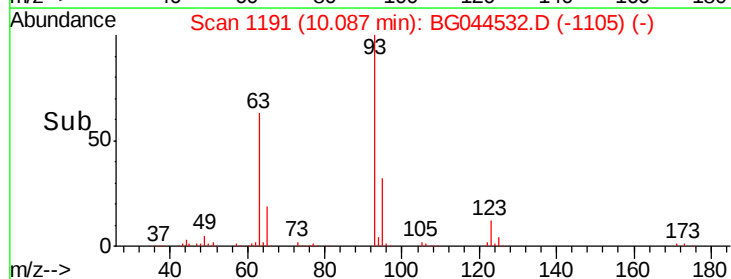
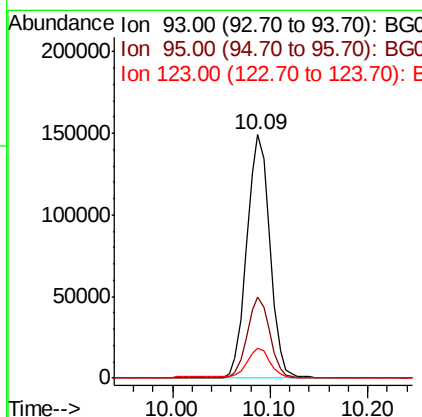
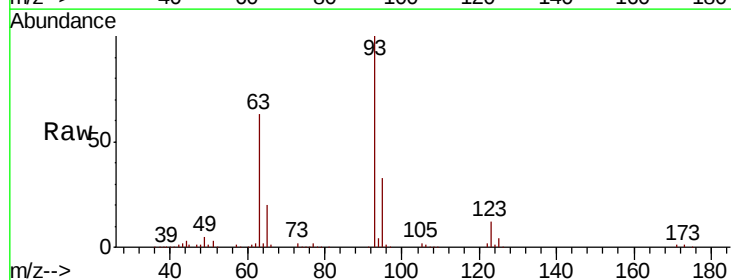
Instrument :
 BNA_G
 ClientSampleId :

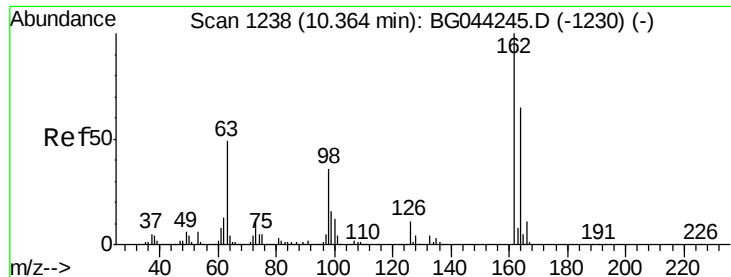
Tot Ion: 122 Resp: 190543
 Ion Ratio Lower Upper
 122 100
 107 112.4 88.8 133.2
 121 60.5 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.574 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion: 93 Resp: 248193
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 12.1 10.0 15.0

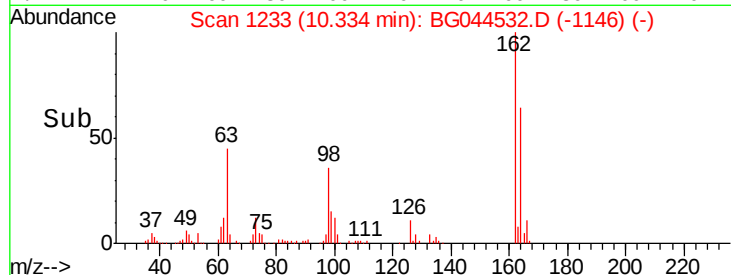
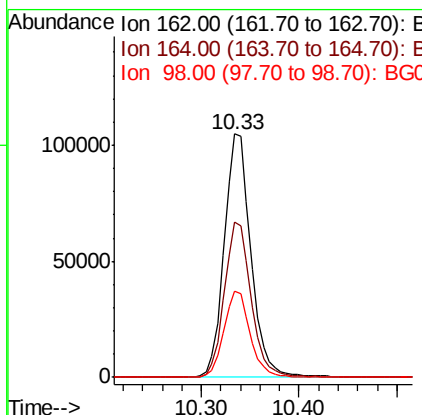
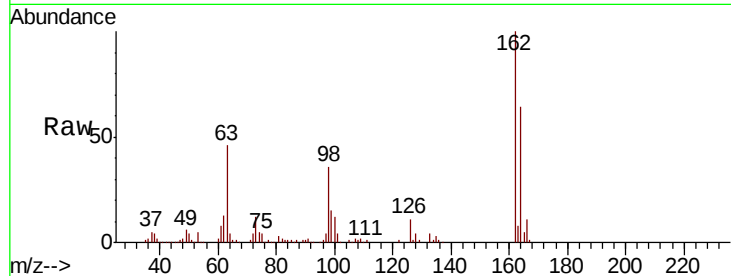




#29
 2,4-Dichlorophenol
 Concen: 51.339 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

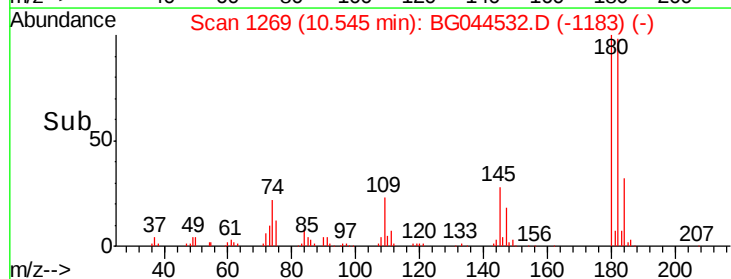
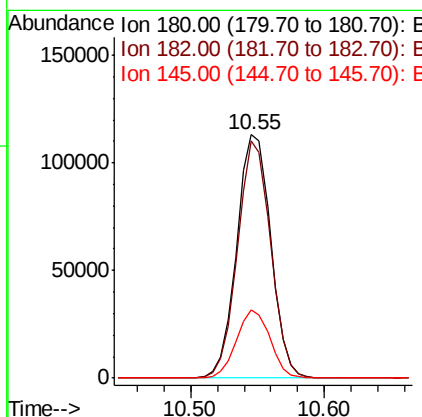
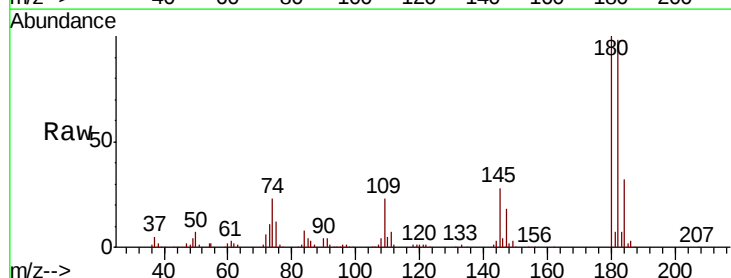
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	35.6	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.825 ng
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.5	113.3
145	28.2	22.6	34.0

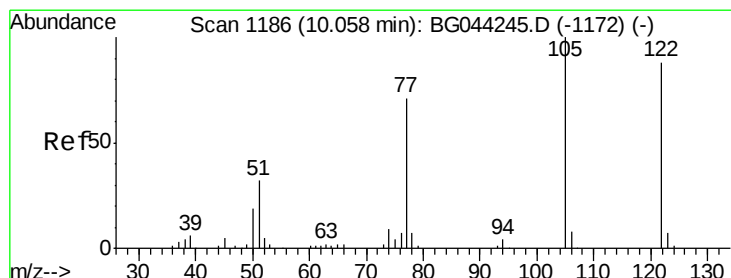
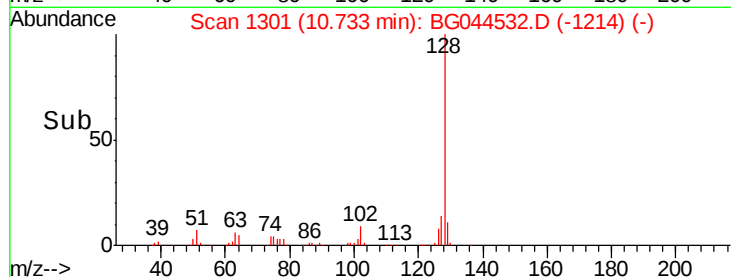
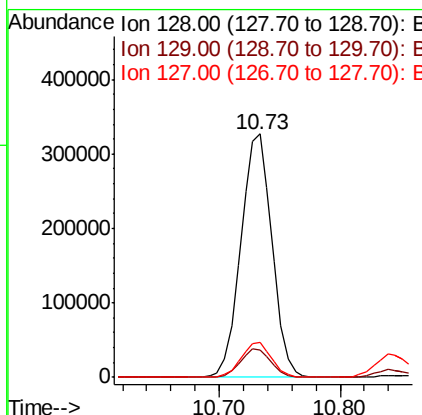
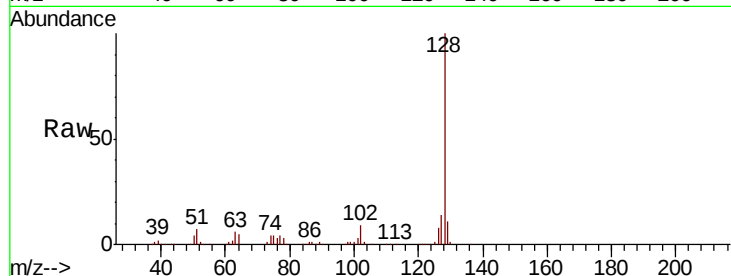




#31
Naphthalene
Concen: 47.756 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

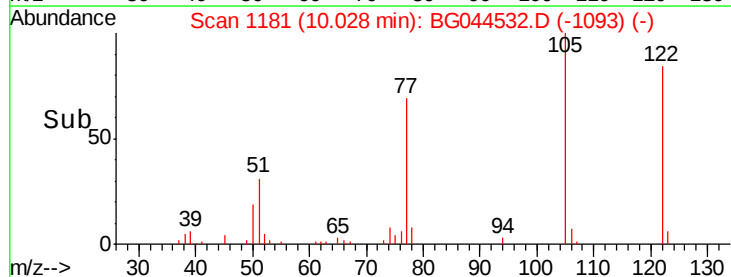
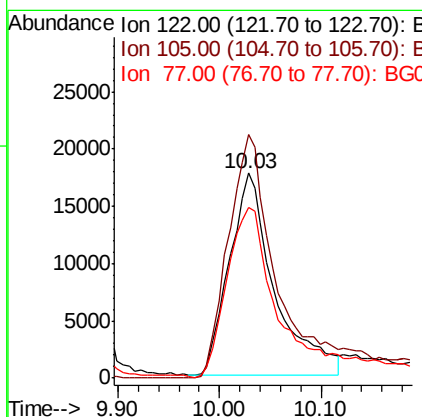
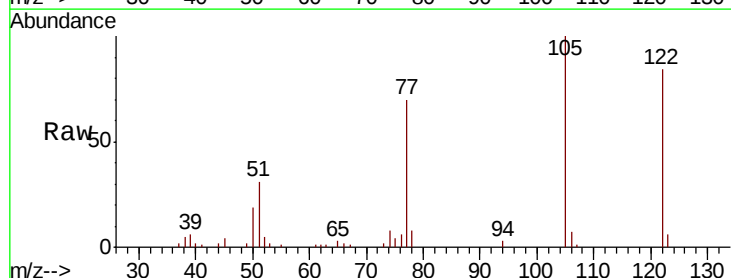
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.5	11.6	17.4



#32
Benzoic acid
Concen: 32.346 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	93.5	133.5
77	83.2	61.0	101.0

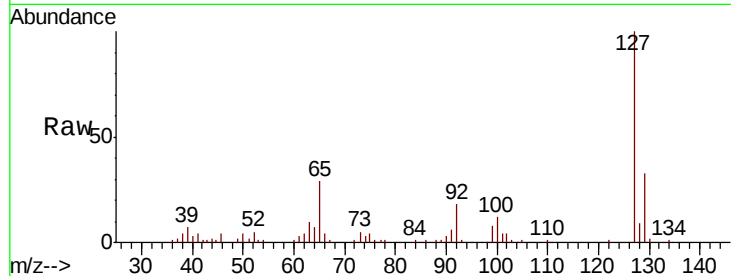




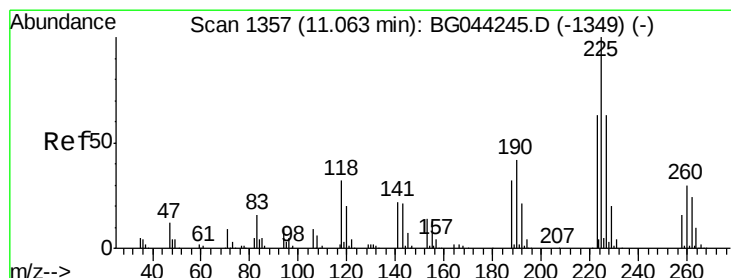
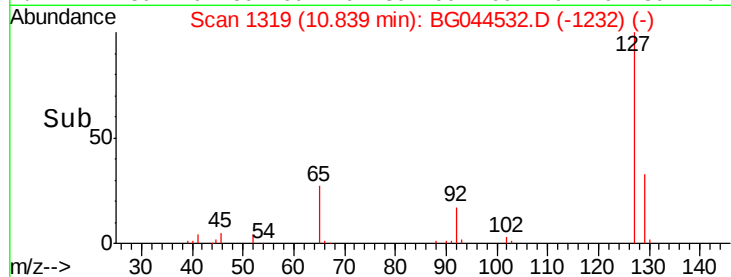
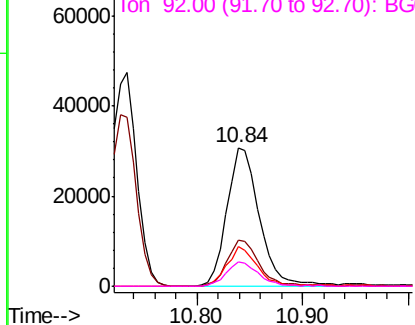
#33
4-Chloroaniline
Concen: 11.718 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	65371	
Ion Ratio	Lower	Upper	
127 100			
129 33.4	26.6	40.0	
65 28.6	22.5	33.7	
92 17.7	14.1	21.1	

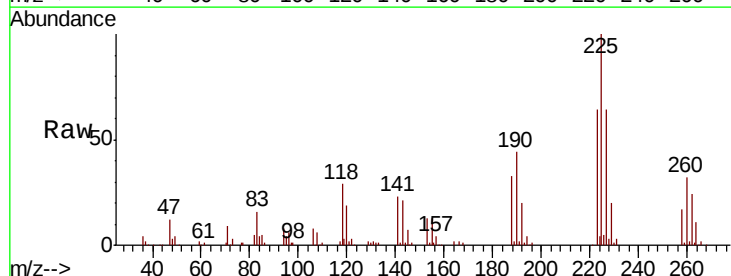


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

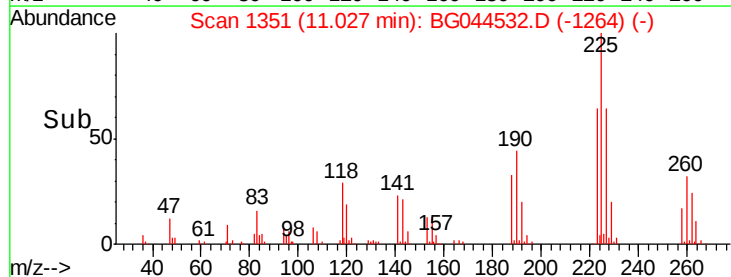
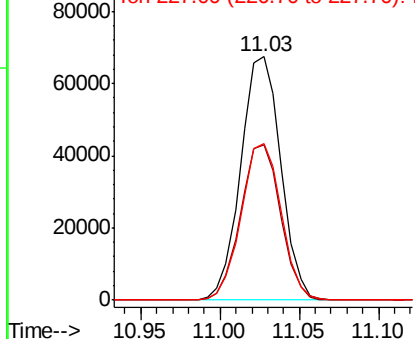


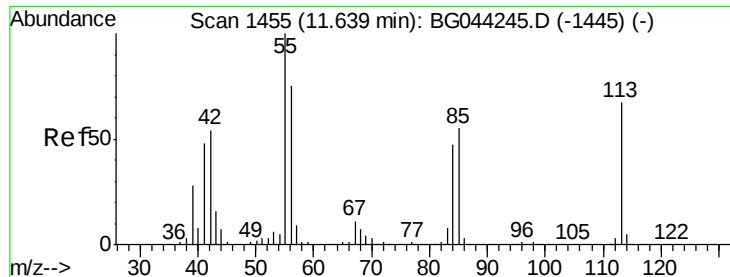
#34
Hexachlorobutadiene
Concen: 43.312 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	225	Resp: Lower	118327 Upper
	Ratio		
225	100		
223	63.6	50.2	75.4
227	64.2	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

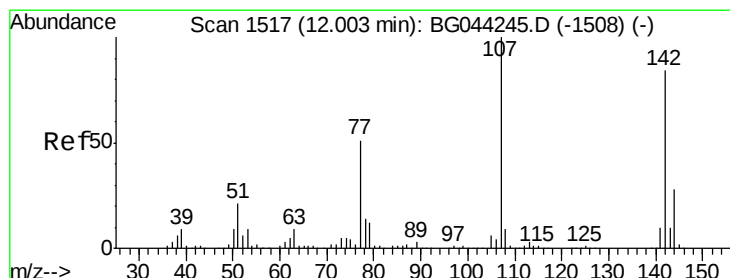
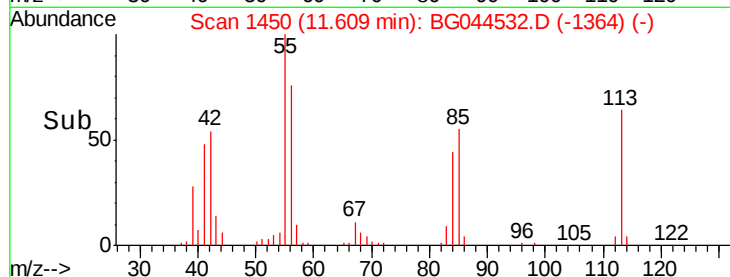
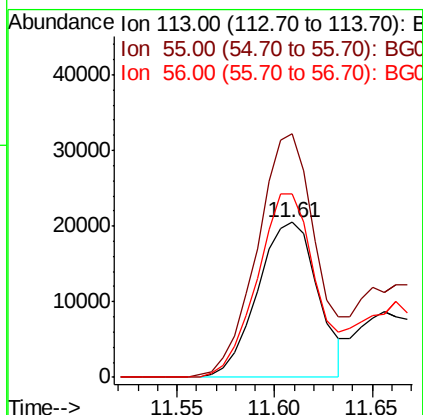
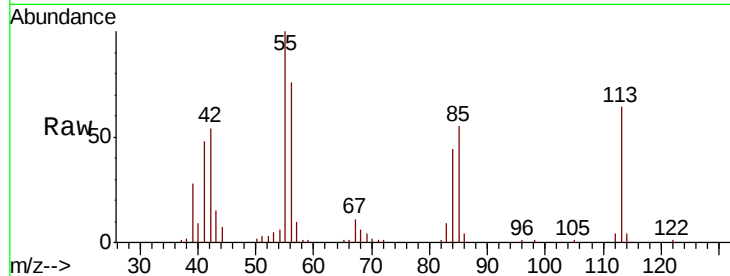




#35
Caprolactam
Concen: 30.861 ng
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

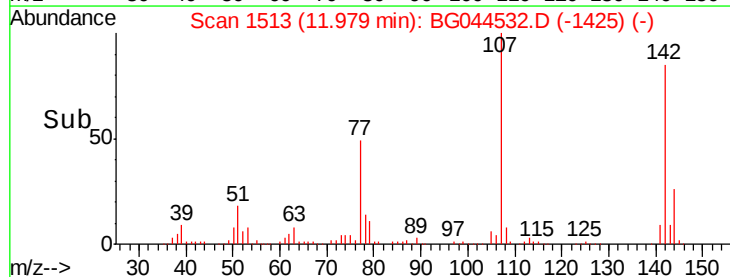
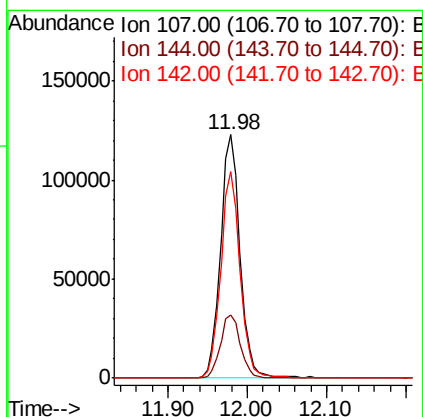
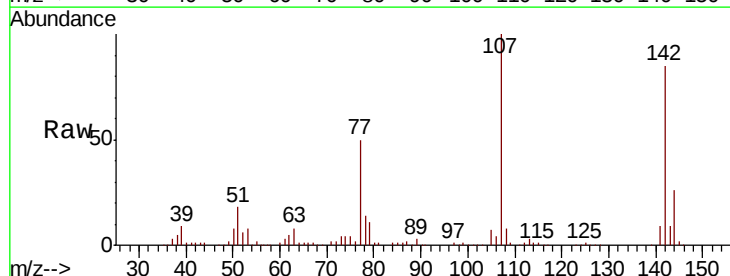
Instrument :
BNA_G
ClientSampleId :

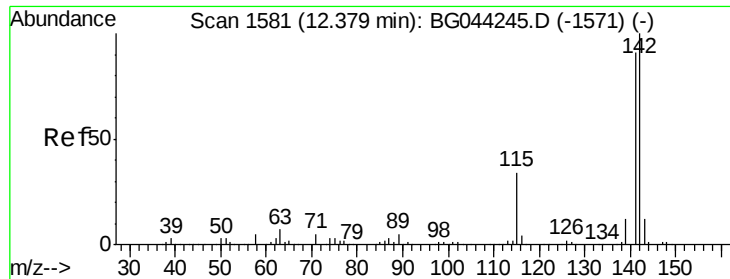
Tot Ion:113 Resp: 43773
Ion Ratio Lower Upper
113 100
55 157.0 129.9 169.9
56 118.7 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 51.517 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:107 Resp: 209141
Ion Ratio Lower Upper
107 100
144 26.2 22.2 33.4
142 84.9 67.4 101.0

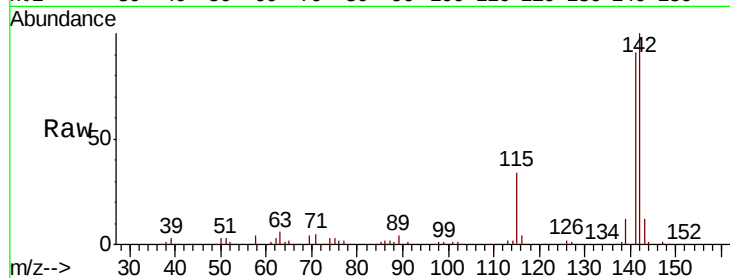




#37
2-Methylnaphthalene
Concen: 47.338 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	33.9	27.1	40.7

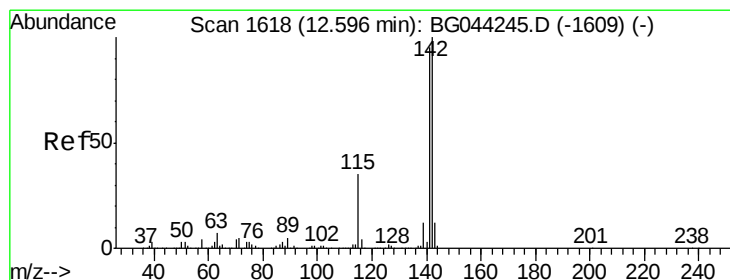
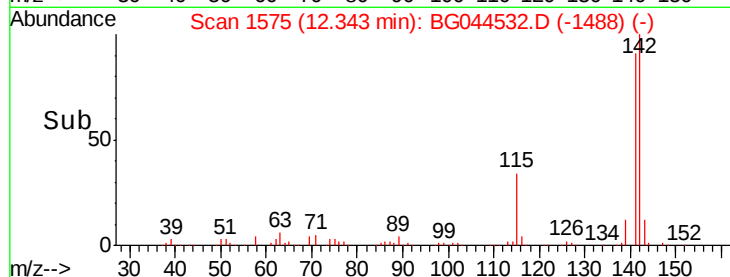
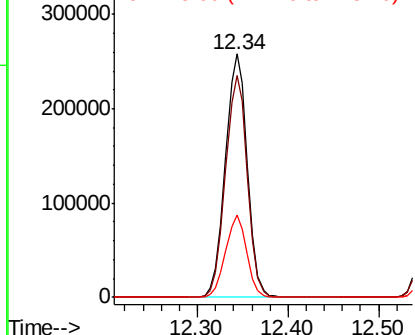


Abundance

Ion 142.00 (141.70 to 142.70): E

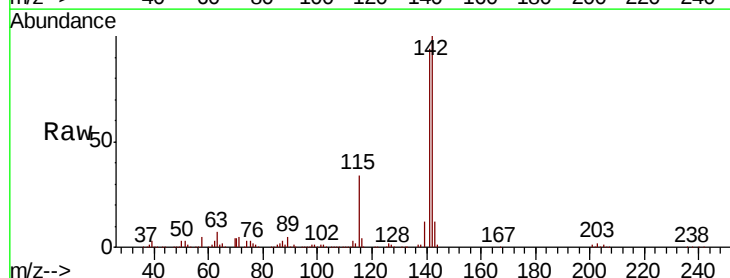
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.888 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.9	3.1	4.7

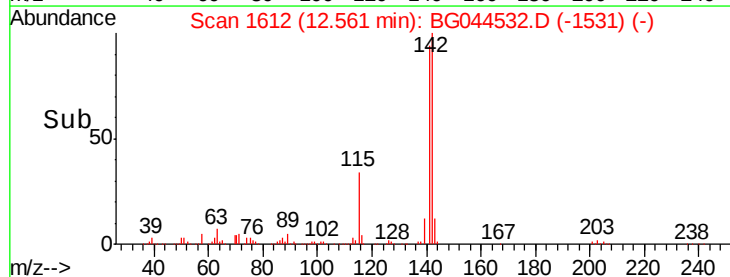
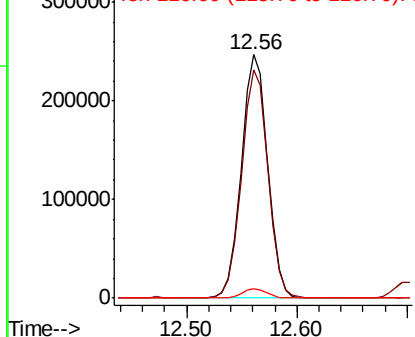


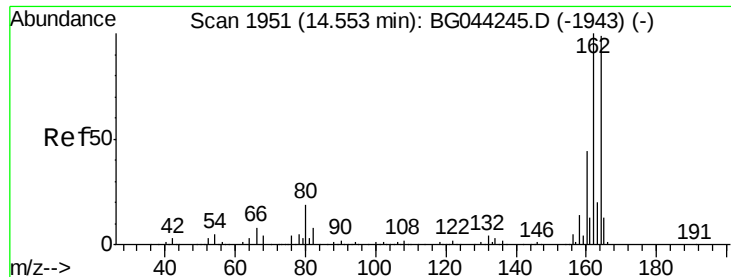
Abundance

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: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

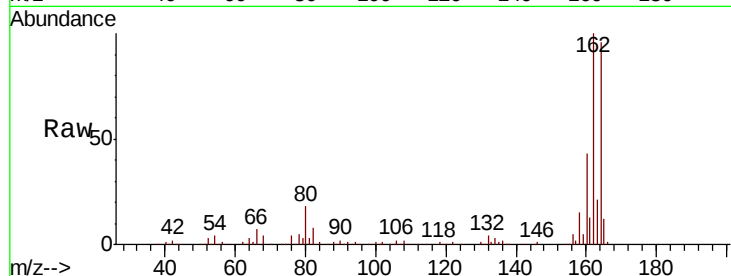
Tot Ion:164 Resp: 167627

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

160 44.8 35.3 52.9

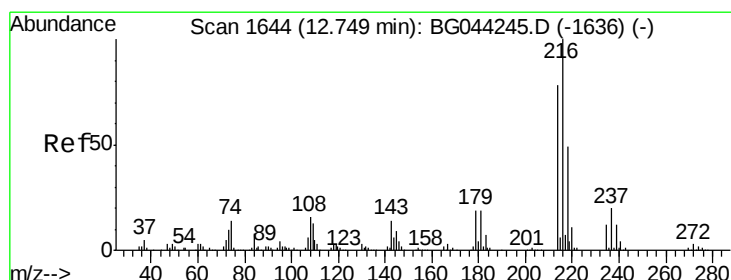
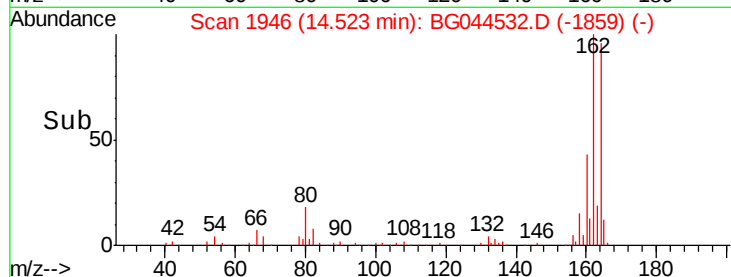
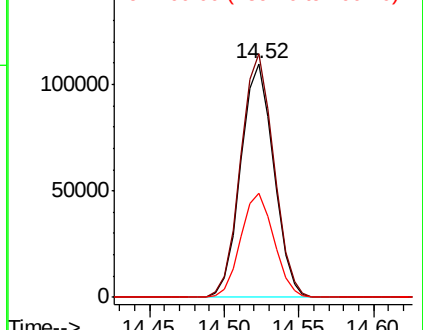


Abundance

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: 43.530 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:216 Resp: 218270

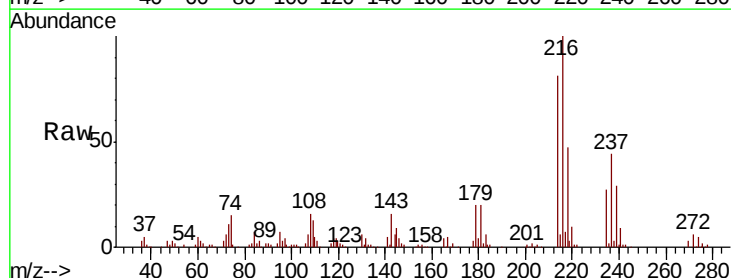
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 20.5 16.2 24.4

108 17.7 13.5 20.3



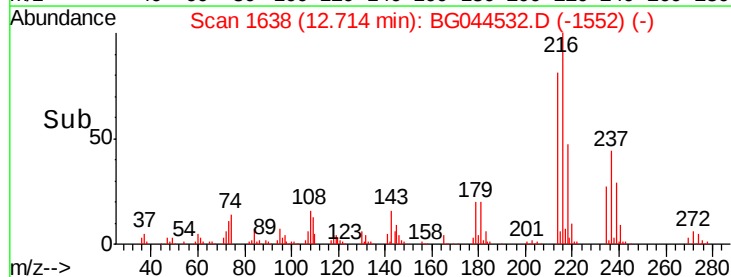
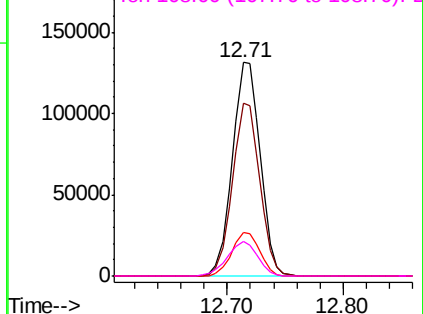
Abundance

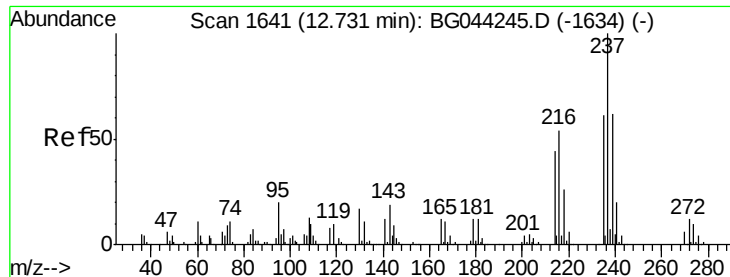
Ion 216.00 (215.70 to 216.70): E

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: 90.518 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

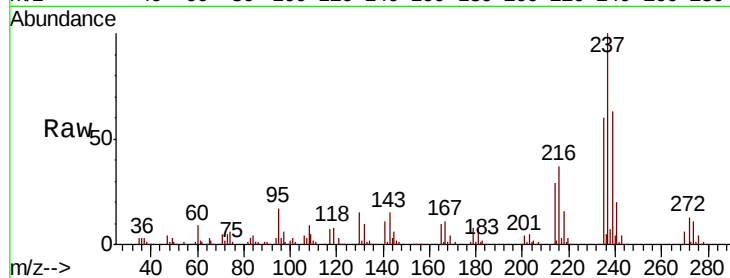
Tot Ion:237 Resp: 217785

Ion Ratio Lower Upper

237 100

235 59.7 41.2 81.2

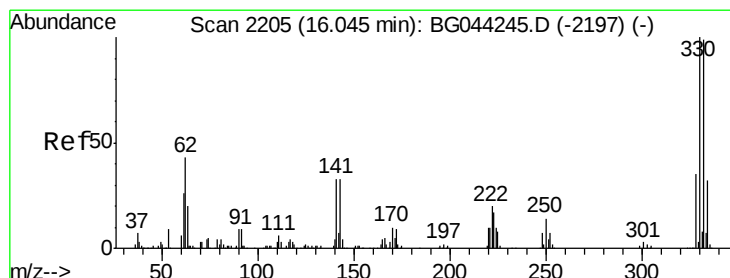
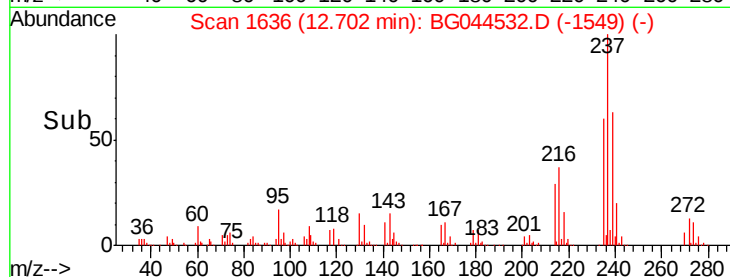
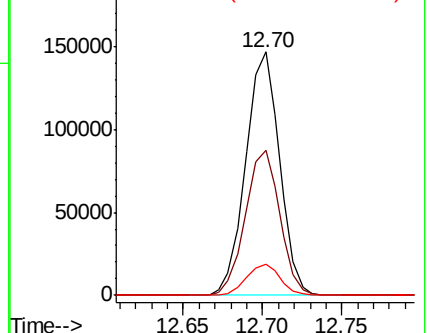
272 12.6 0.0 32.4



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: 89.032 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

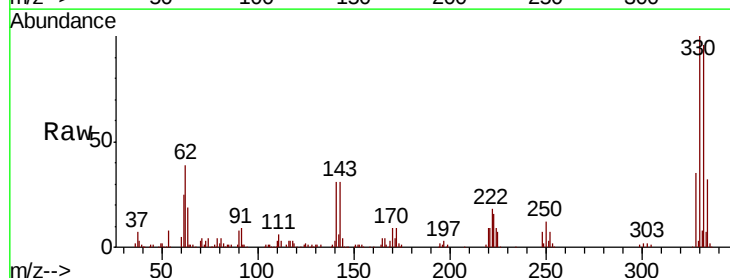
Tgt Ion:330 Resp: 175201

Ion Ratio Lower Upper

330 100

332 94.9 77.2 115.8

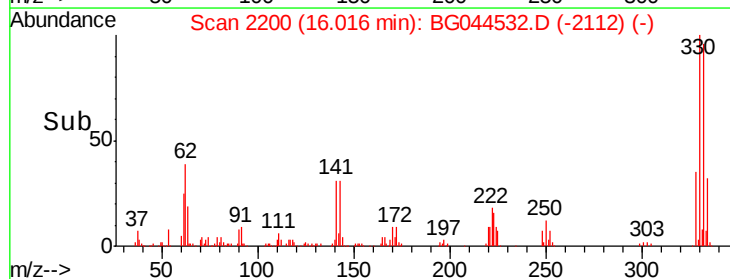
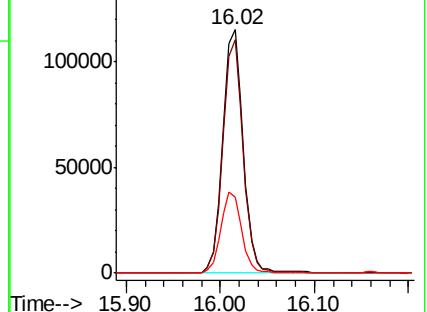
141 33.5 28.3 42.5



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

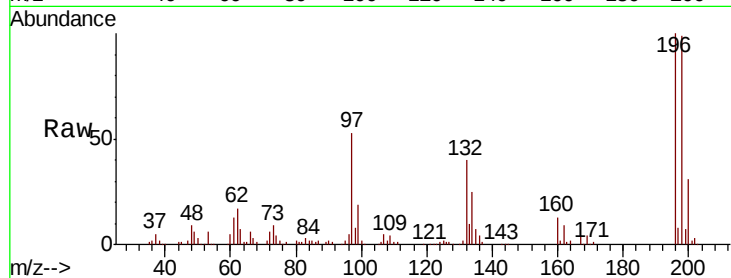




#43
 2,4,6-Trichlorophenol
 Concen: 48.454 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	157044
Ion Ratio	Lower	Upper	
196	100		
198	98.7	79.3	118.9
200	31.3	25.7	38.5

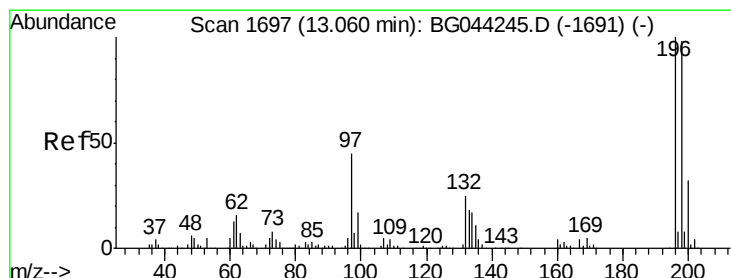
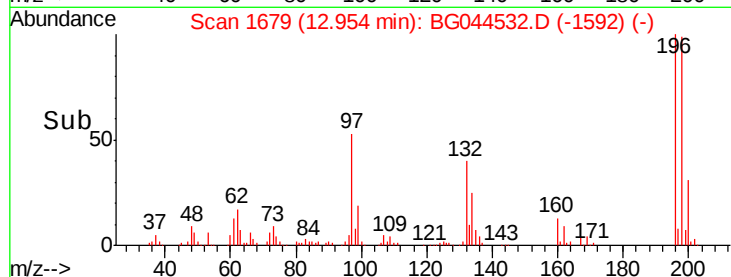
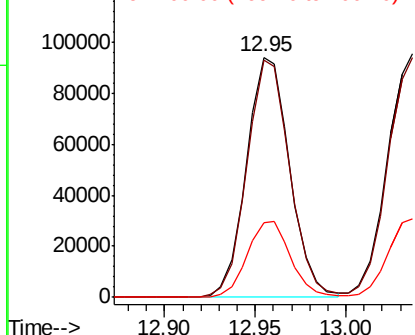


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.324 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	196	Resp	169906
Ion Ratio	Lower	Upper	
196	100		
198	98.7	78.2	117.2
97	43.8	36.2	54.4
132	25.1	20.2	30.4

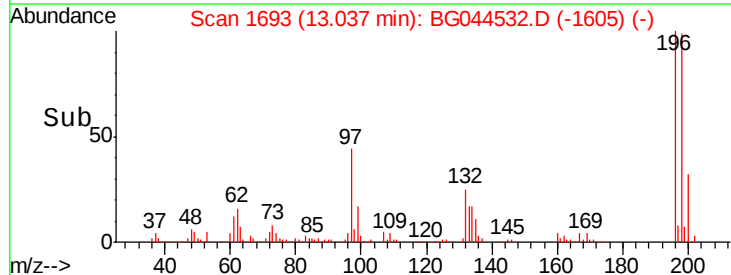
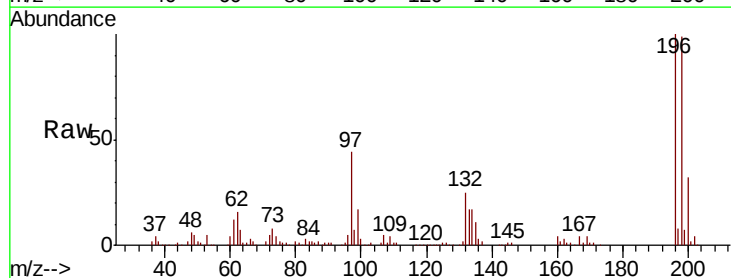
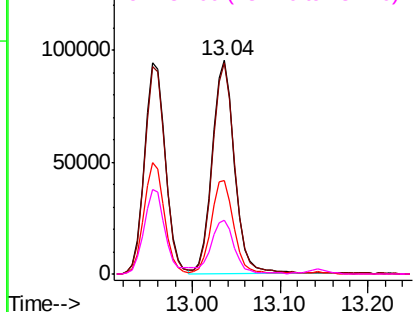
Abundance

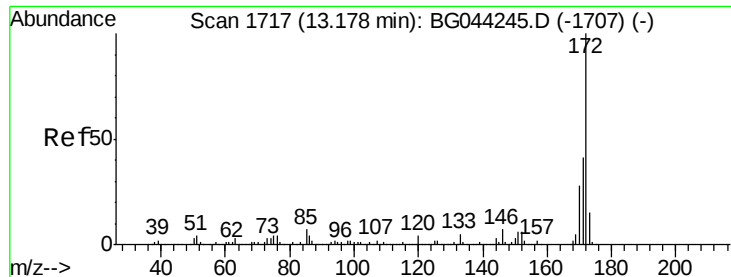
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

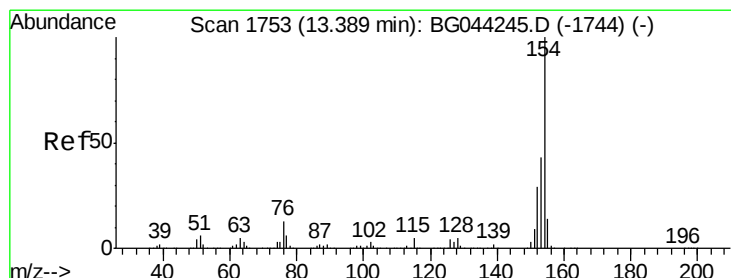
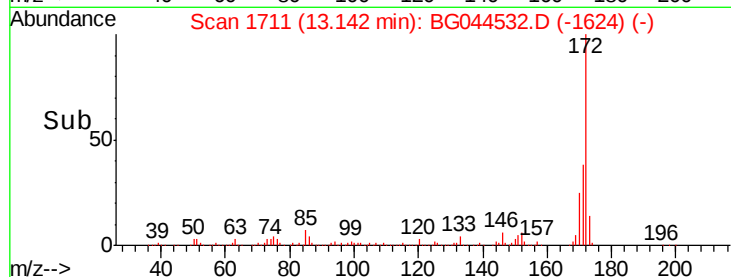
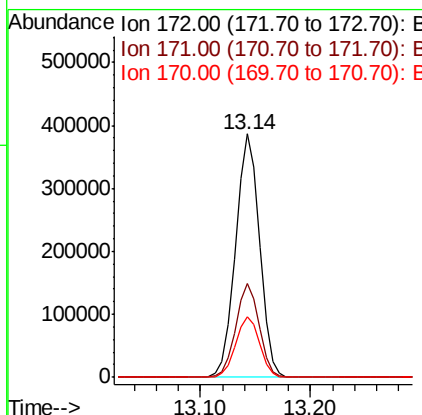
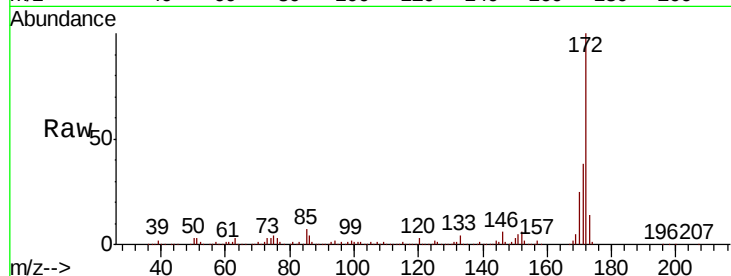




#45
 2-Fluorobiphenyl
 Concen: 58.791 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

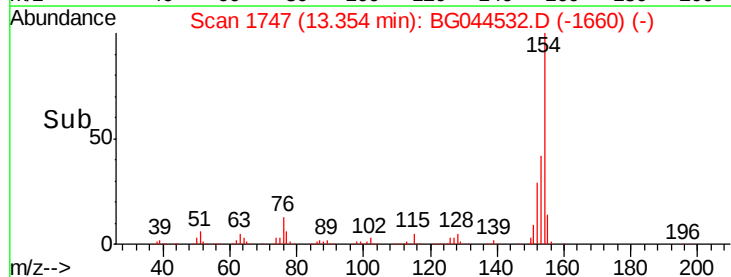
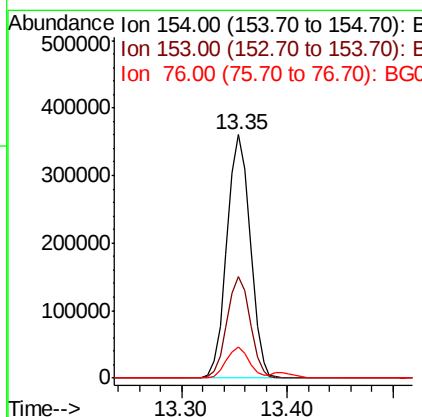
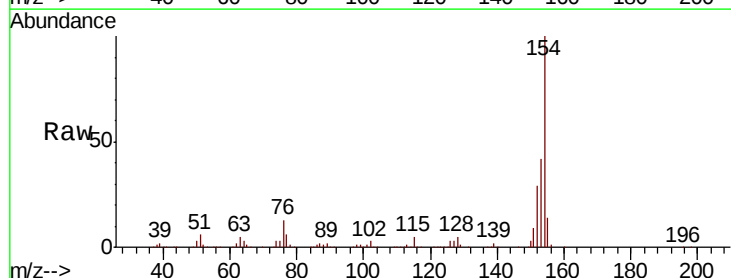
Instrument :
 BNA_G
 ClientSampled :

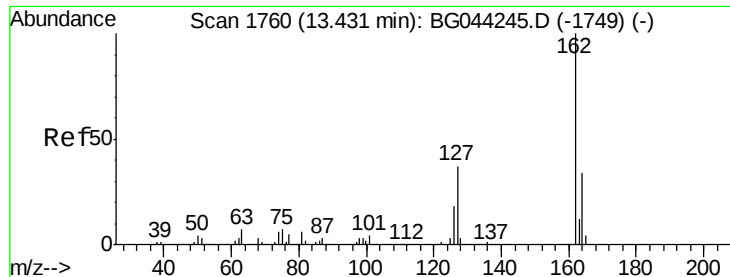
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.0	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 45.532 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.6	0.0	32.9

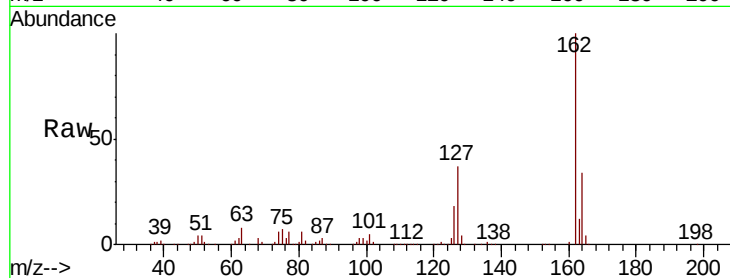




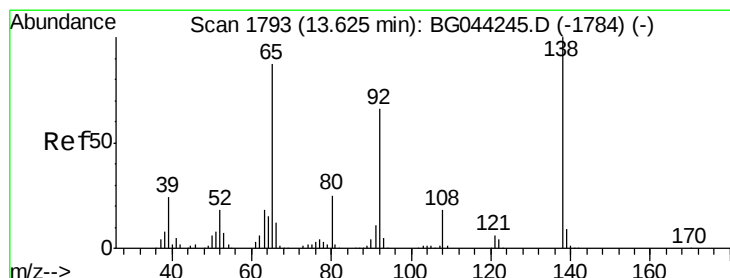
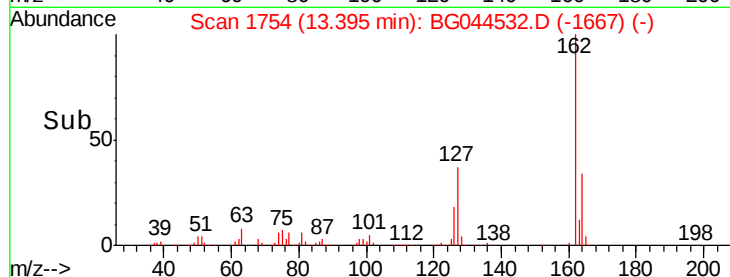
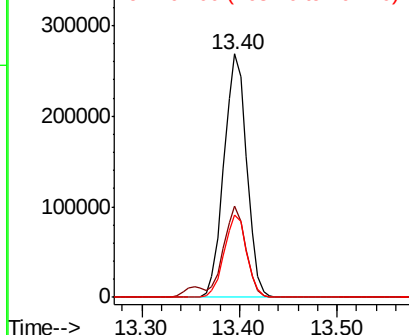
#47
 2-Chloronaphthalene
 Concen: 44.979 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 432762
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.0 45.0
 164 33.8 27.2 40.8

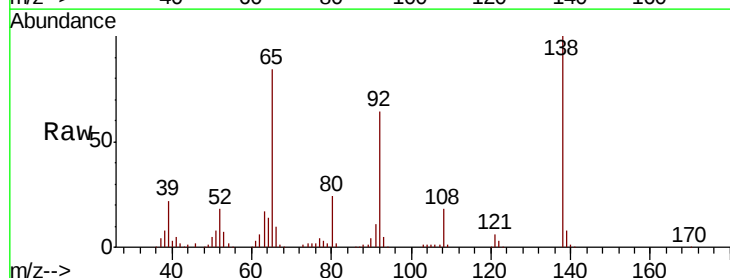


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

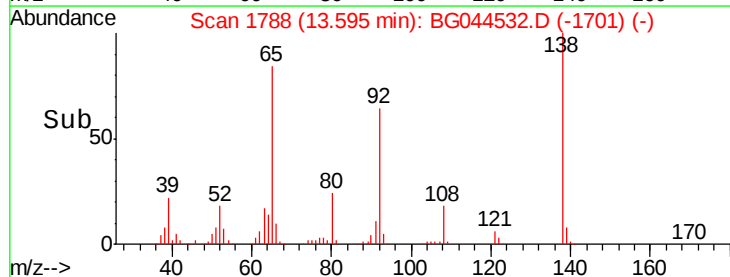
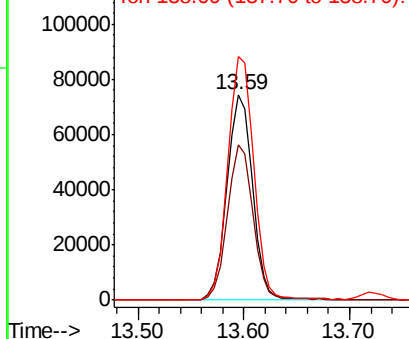


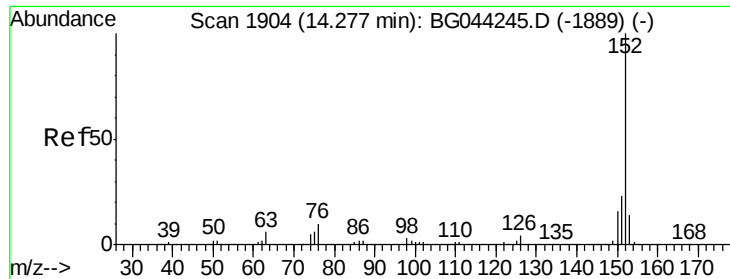
#48
 2-Nitroaniline
 Concen: 44.052 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion: 65 Resp: 125085
 Ion Ratio Lower Upper
 65 100
 92 75.4 60.3 90.5
 138 118.5 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: 48.653 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampled :

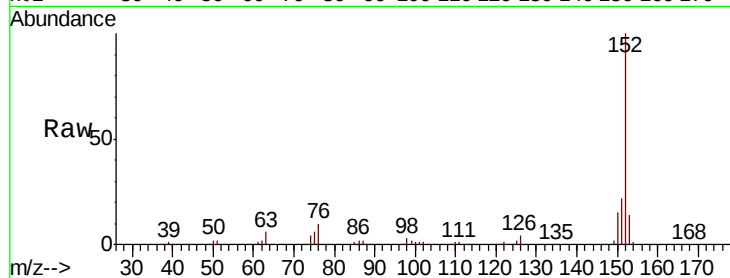
Tot Ion:152 Resp: 686597

Ion Ratio Lower Upper

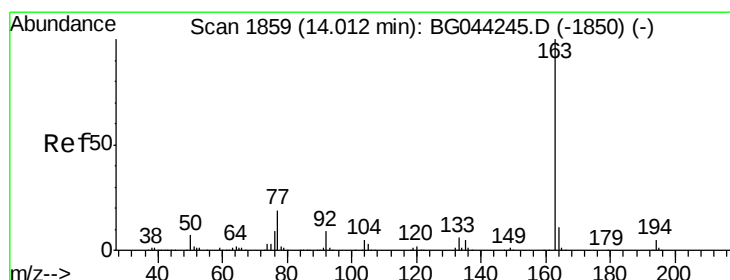
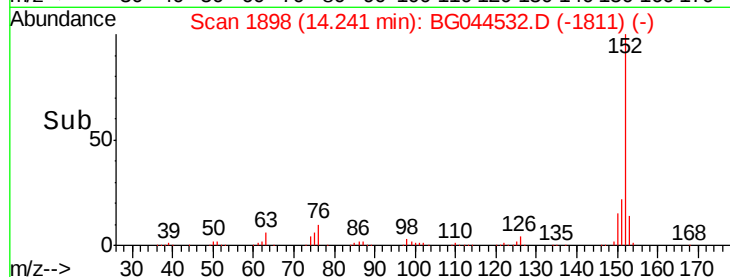
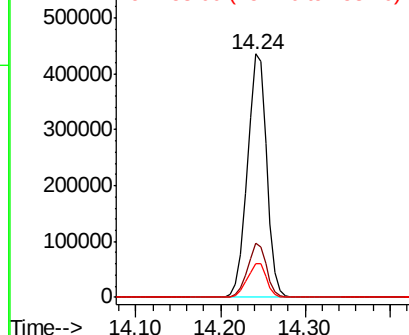
152 100

151 22.3 18.1 27.1

153 14.0 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: 48.510 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

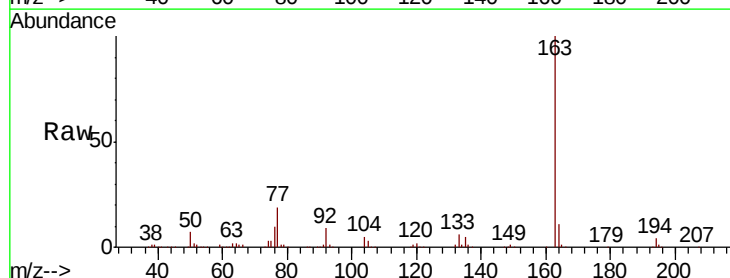
Tgt Ion:163 Resp: 584525

Ion Ratio Lower Upper

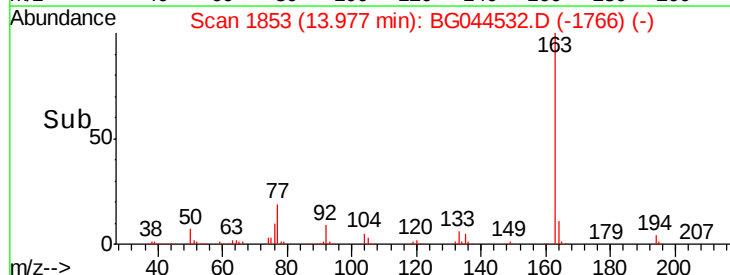
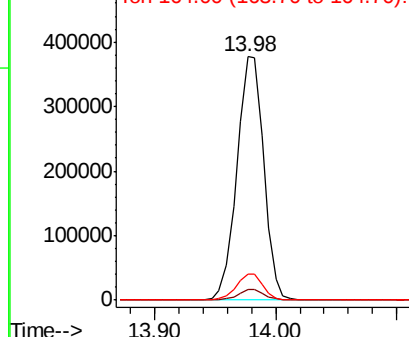
163 100

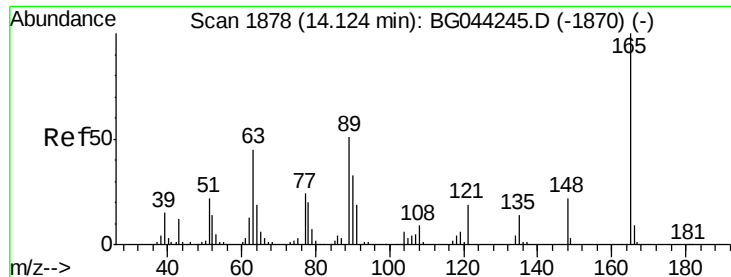
194 4.4 3.6 5.4

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

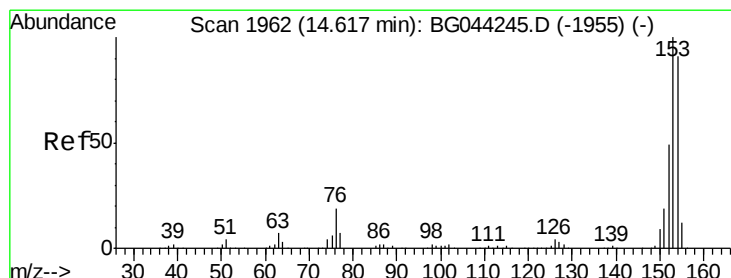
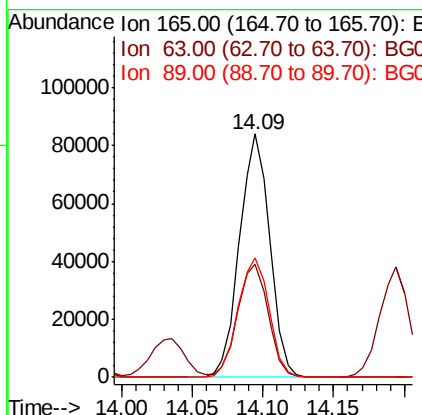
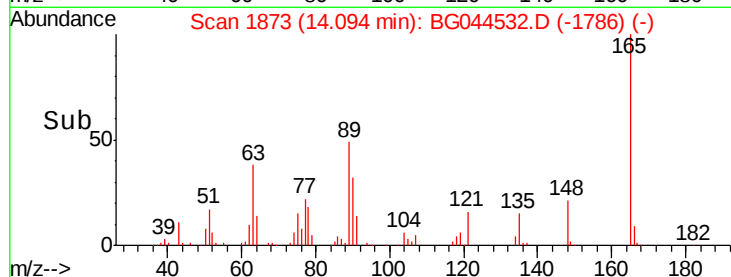
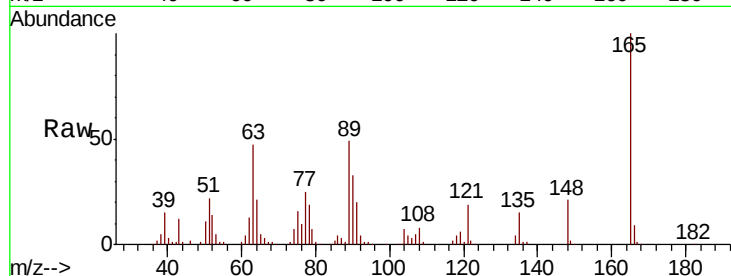




#51
 2,6-Dinitrotoluene
 Concen: 46.786 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

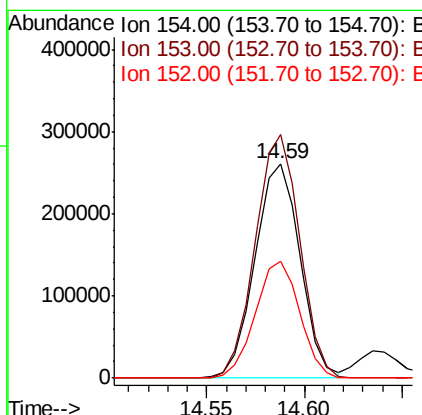
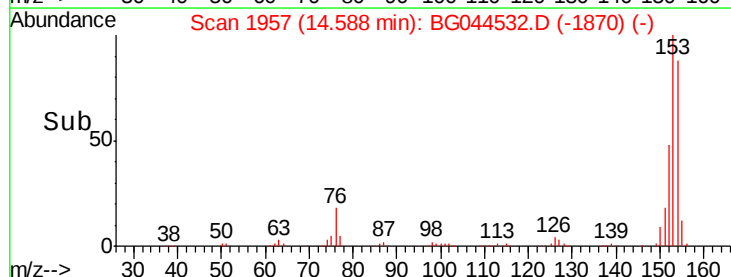
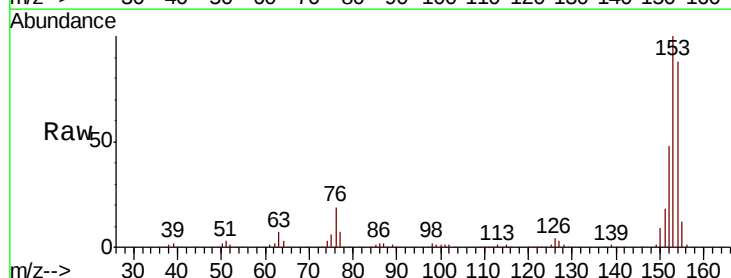
Instrument :
 BNA_G
 ClientSampleId :

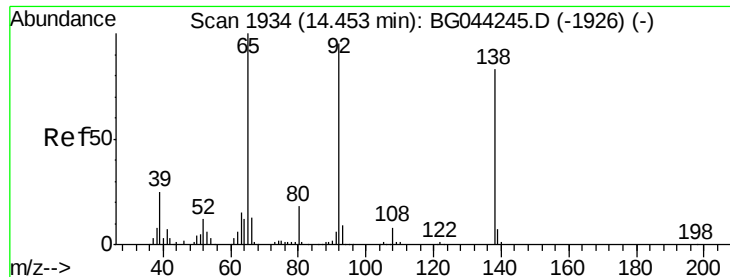
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	38.7	58.1
89	49.2	40.4	60.6



#52
 Acenaphthene
 Concen: 45.602 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.9	131.9
152	54.2	43.1	64.7





#53

3-Nitroaniline

Concen: 16.035 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

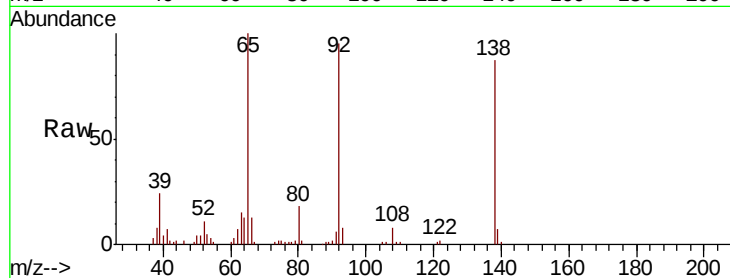
Tot Ion:138 Resp: 47661

Ion Ratio Lower Upper

138 100

108 9.1 7.9 11.9

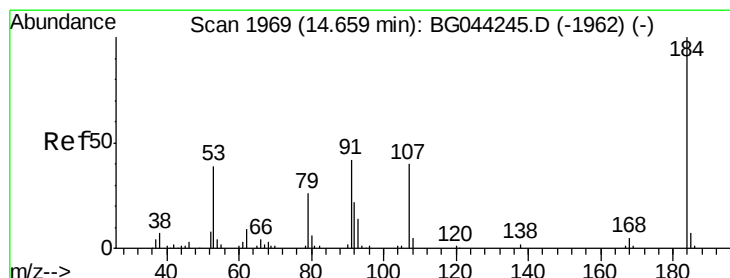
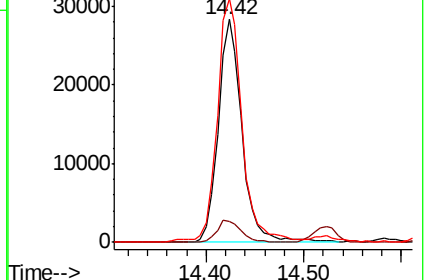
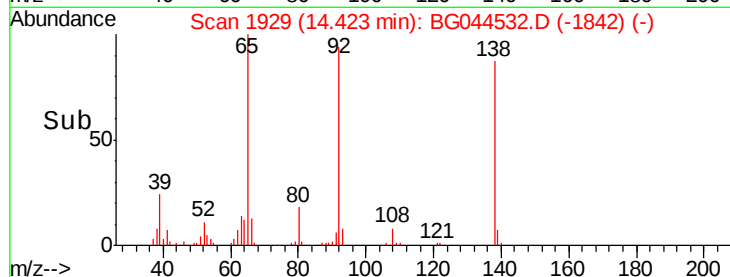
92 109.2 91.0 136.4



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



#54

2,4-Dinitrophenol

Concen: 67.409 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

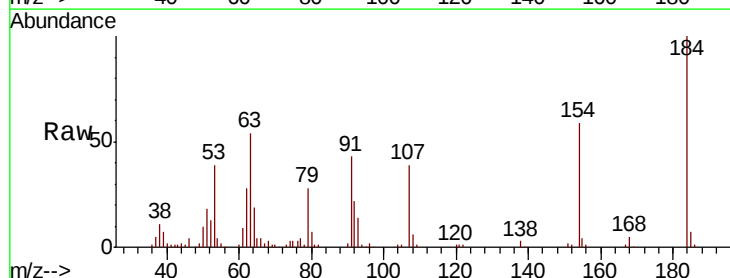
Tgt Ion:184 Resp: 105200

Ion Ratio Lower Upper

184 100

63 54.2 44.1 66.1

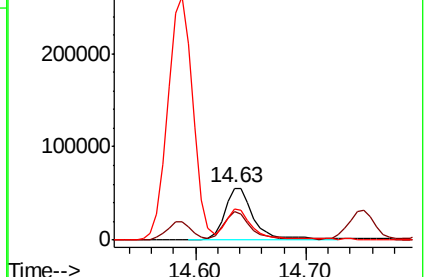
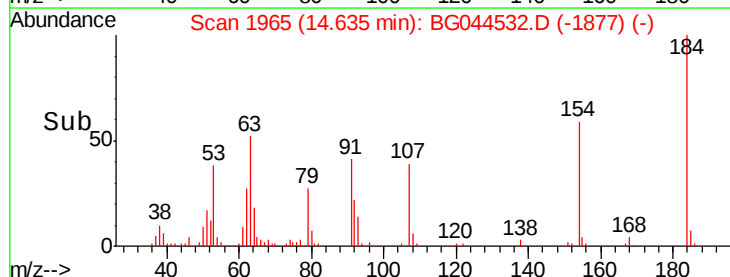
154 58.5 45.4 68.0



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

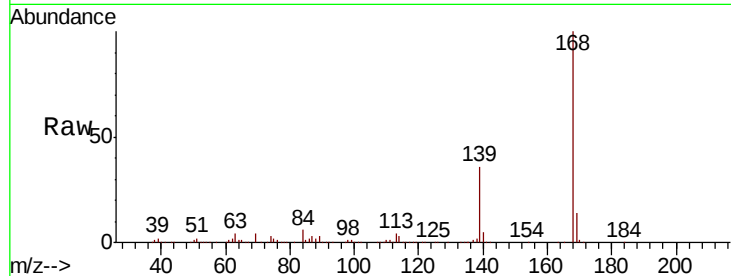




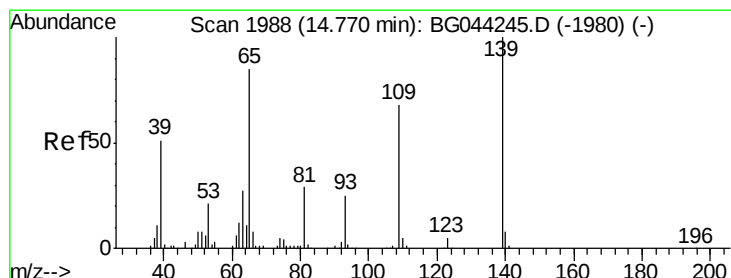
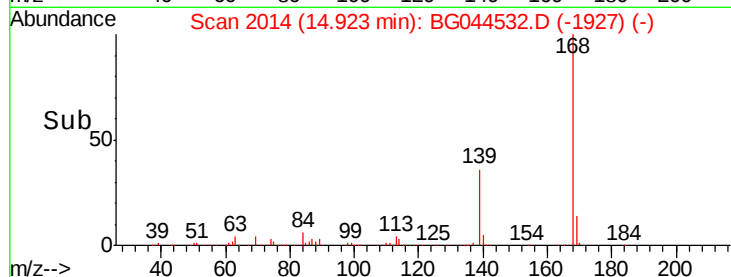
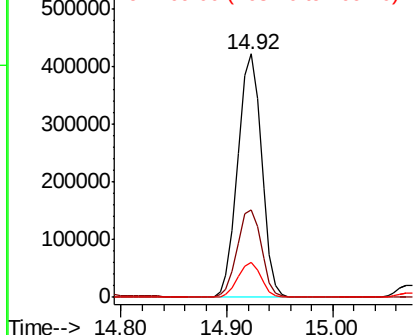
#55
Dibenzofuran
Concen: 47.425 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 656794
Ion Ratio Lower Upper
168 100
139 36.2 30.5 45.7
169 14.2 11.7 17.5

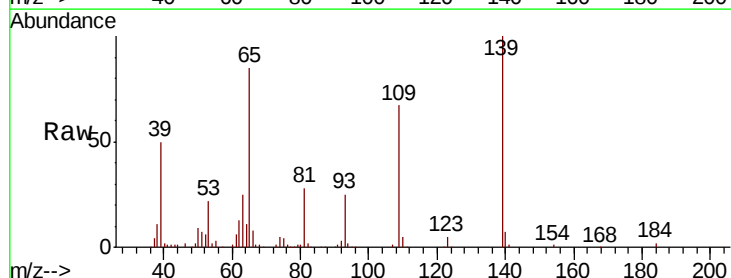


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

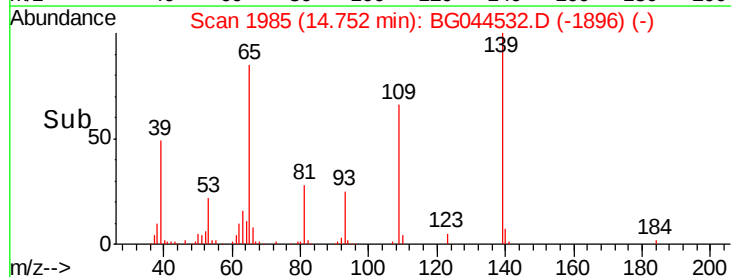
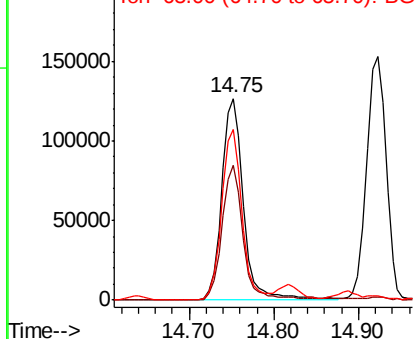


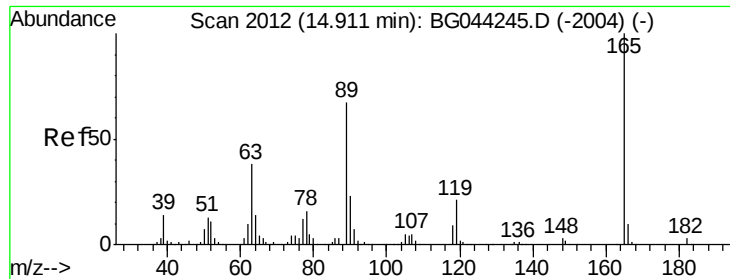
#56
4-Nitrophenol
Concen: 103.630 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:139 Resp: 225630
Ion Ratio Lower Upper
139 100
109 66.8 47.5 87.5
65 84.7 64.9 104.9



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

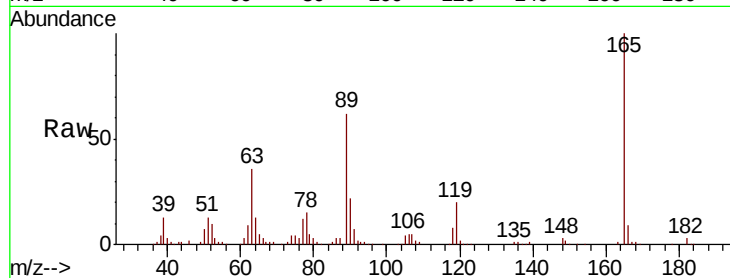




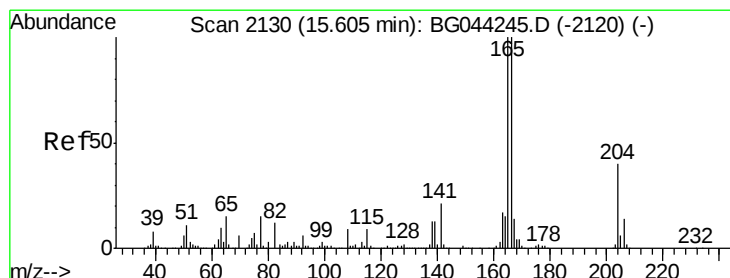
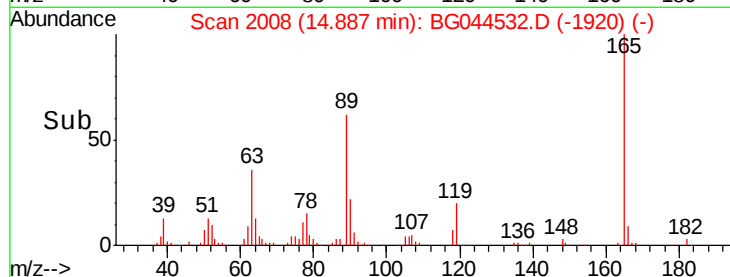
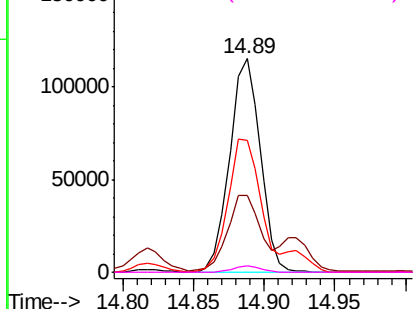
#57
 2,4-Dinitrotoluene
 Concen: 46.444 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot	Ion:165	Resp:	174885
Ion	Ratio	Lower	Upper
165	100		
63	36.0	30.3	45.5
89	62.0	53.4	80.2
182	2.9	2.1	3.1

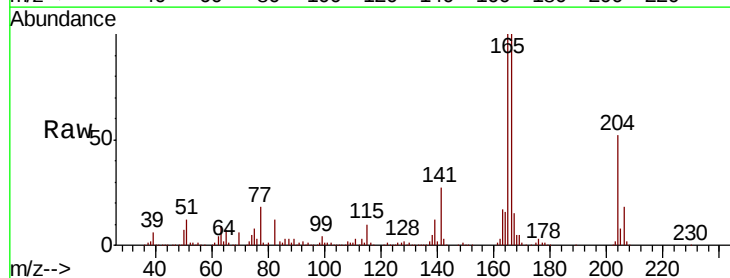


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 182.00 (181.70 to 182.70): E

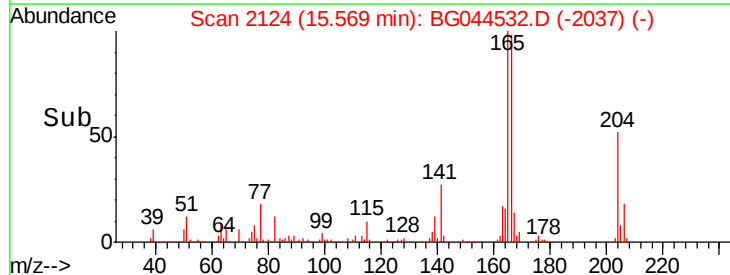
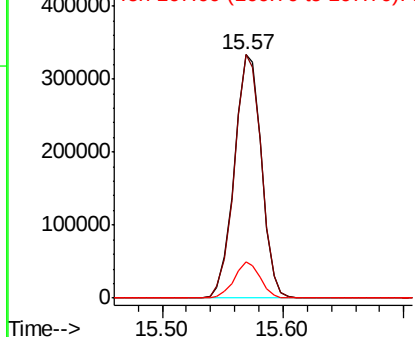


#58
 Fluorene
 Concen: 47.695 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion:166	Resp: 520257
Ion Ratio	Lower Upper
166 100	
165 99.9	79.9 119.9
167 14.8	11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

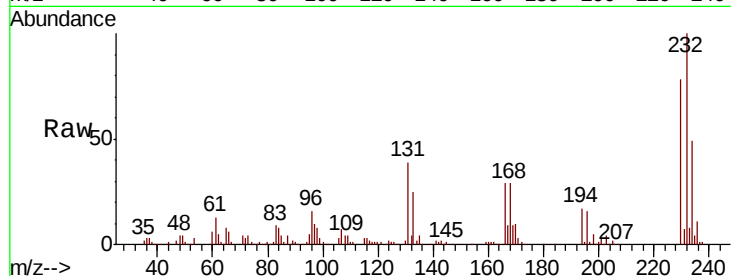




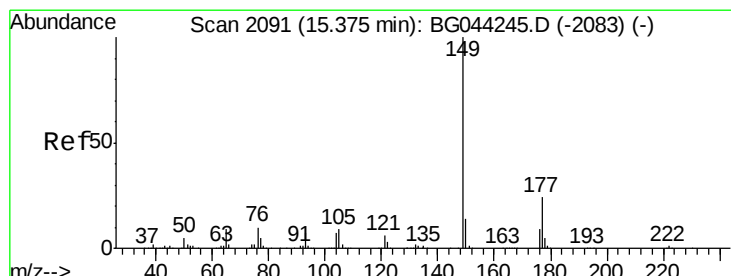
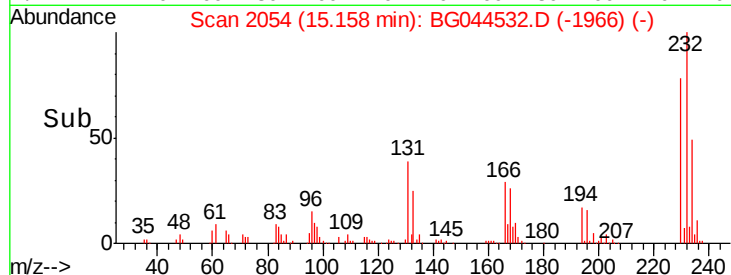
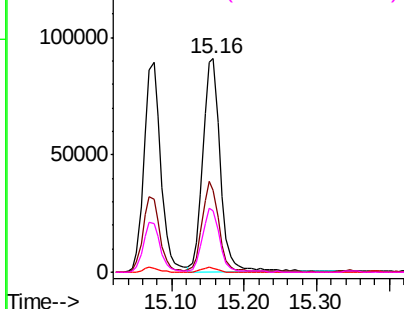
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.291 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.2	51.4
130	2.1	1.8	2.8
166	29.1	23.8	35.8

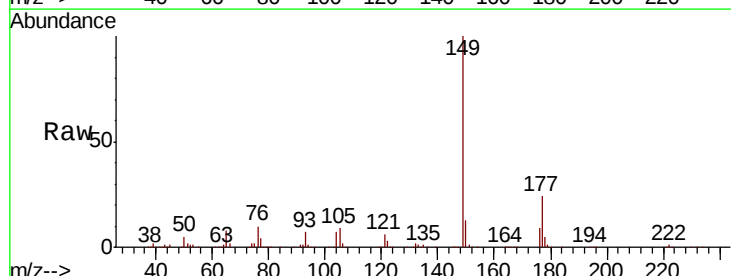


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

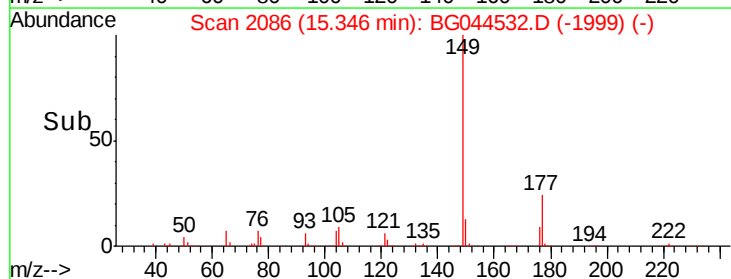
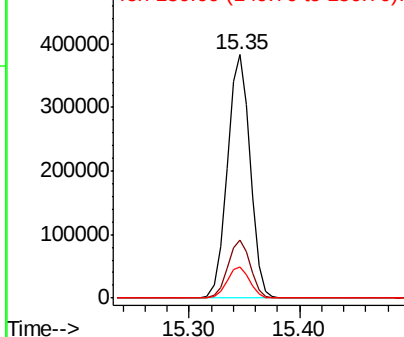


#60
 Diethylphthalate
 Concen: 45.906 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	12.7	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: 46.018 ng

RT: 15.56 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

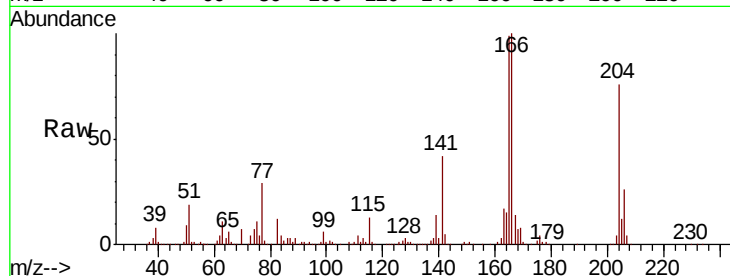
Tot Ion:204 Resp: 272170

Ion Ratio Lower Upper

204 100

206 34.9 27.6 41.4

141 55.9 43.4 65.0

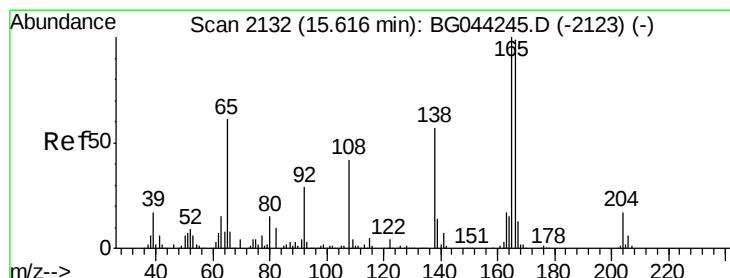
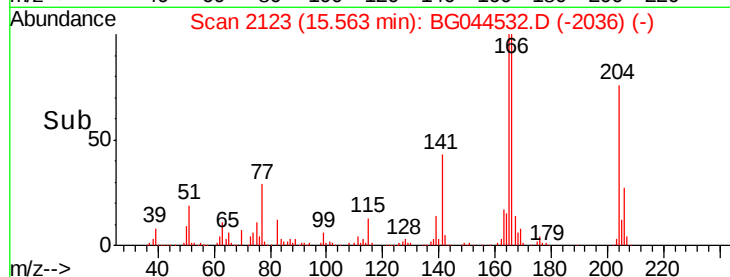
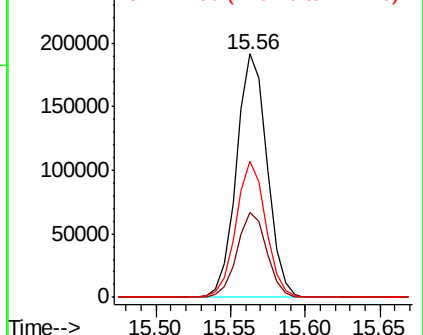


Abundance

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: 42.602 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

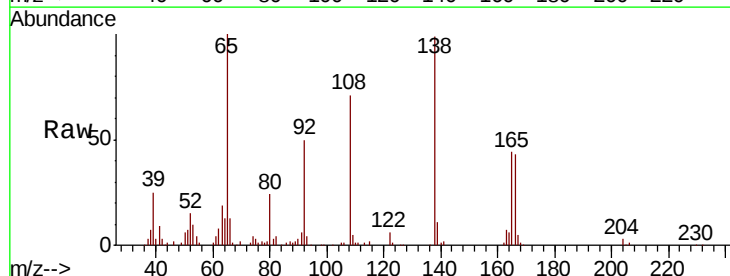
Tgt Ion:138 Resp: 126532

Ion Ratio Lower Upper

138 100

92 50.8 31.3 71.3

108 71.9 52.6 92.6

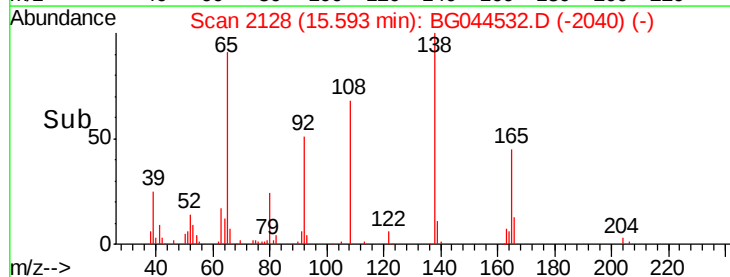
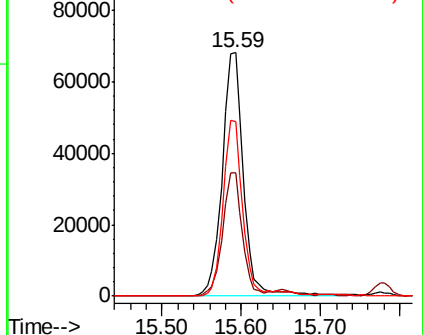


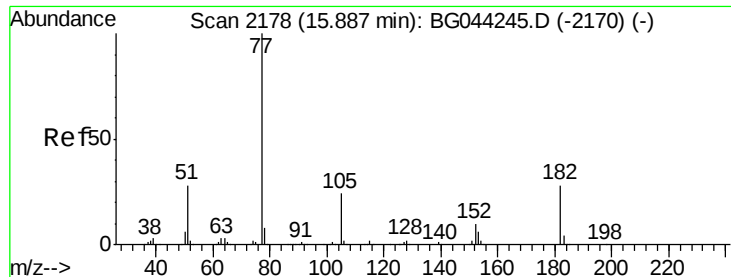
Abundance

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

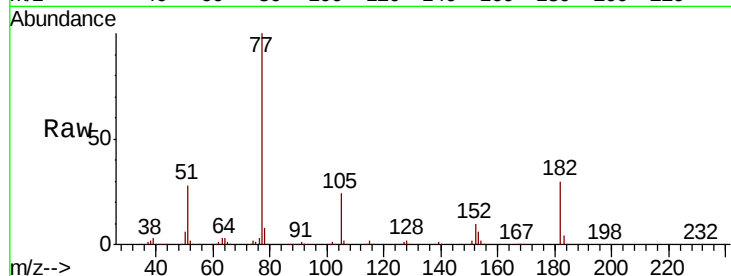




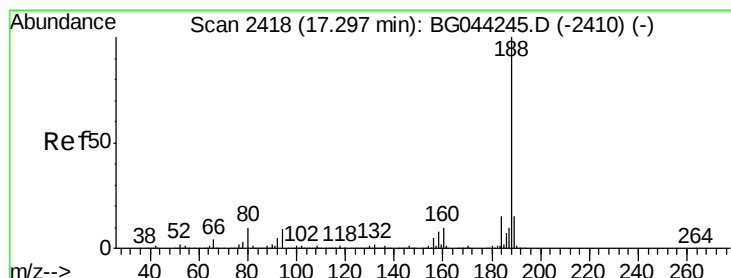
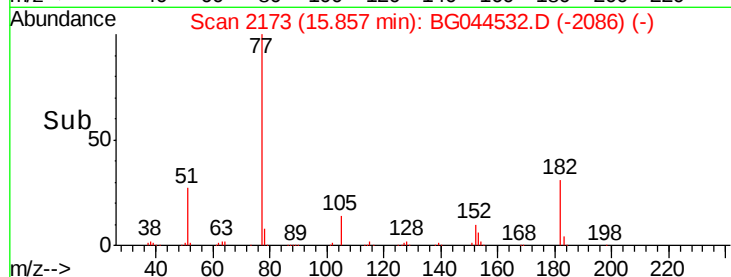
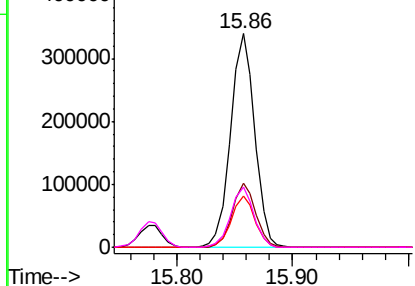
#63
Azobenzene
Concen: 46.308 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	487288
Ion	Ratio	Lower	Upper
77	100		
182	29.9	8.2	48.2
105	23.8	3.6	43.6
51	28.3	8.3	48.3

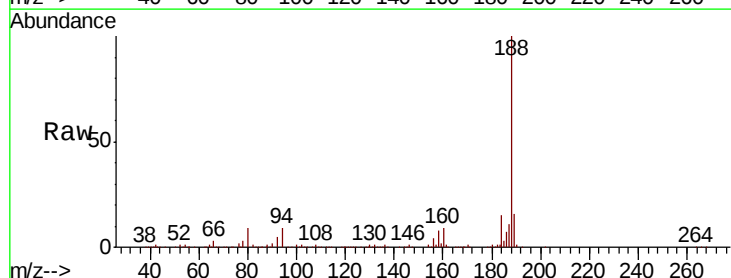


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

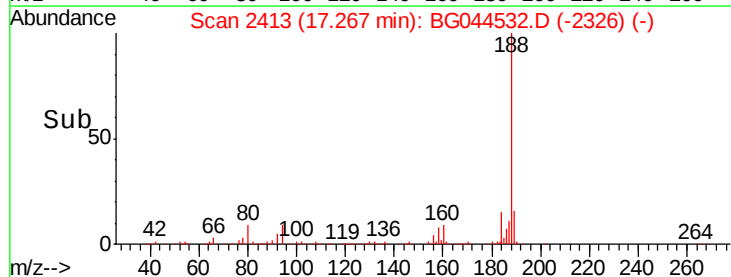
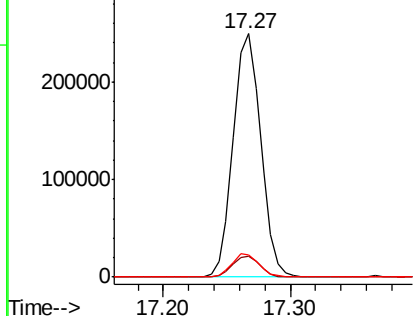


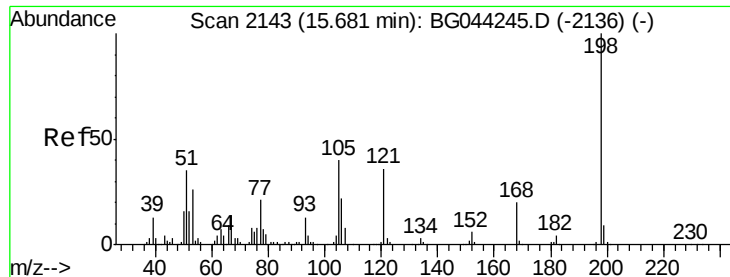
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:	188	Resp:	374922
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.1	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: 48.597 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

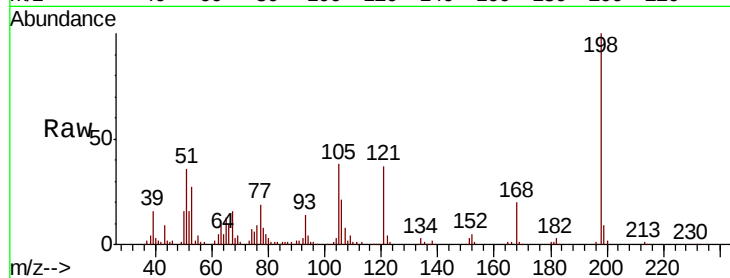
Tot Ion:198 Resp: 100575

Ion	Ratio	Lower	Upper
198	100		
51	36.4	16.6	56.6
105	37.9	20.6	60.6

198 100

51 36.4 16.6 56.6

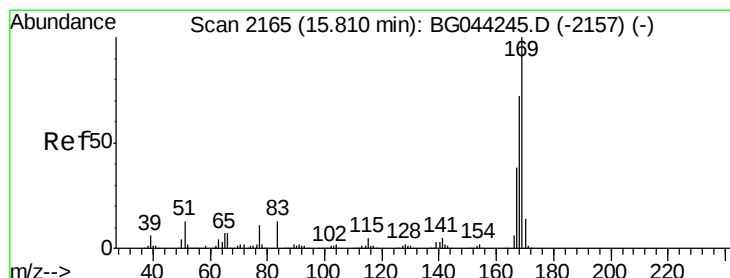
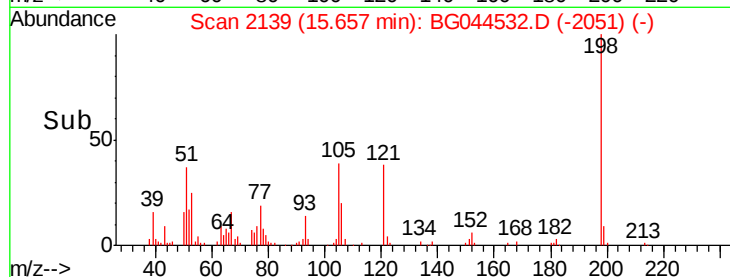
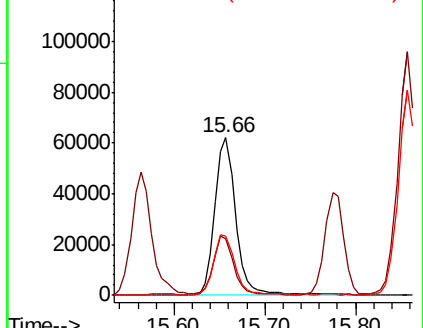
105 37.9 20.6 60.6



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: 46.247 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

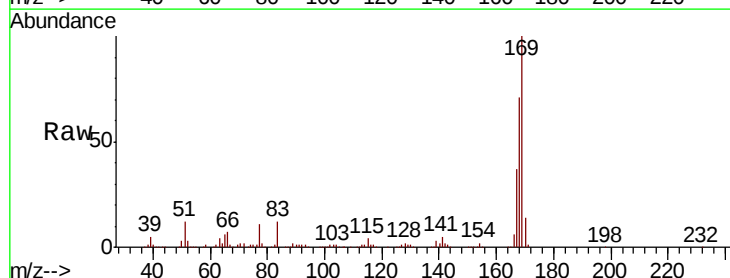
Tgt Ion:169 Resp: 485918

Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.9	86.9
167	37.0	30.7	46.1

169 100

168 70.9 57.9 86.9

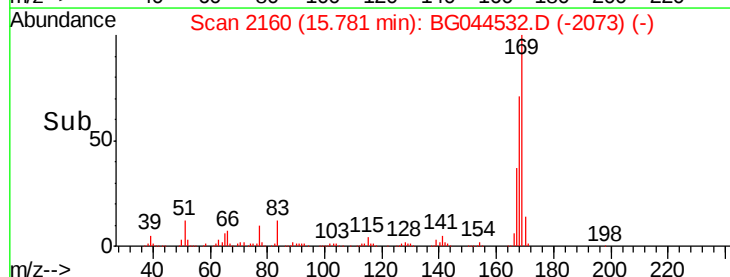
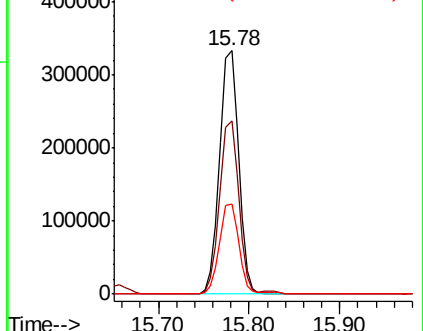
167 37.0 30.7 46.1

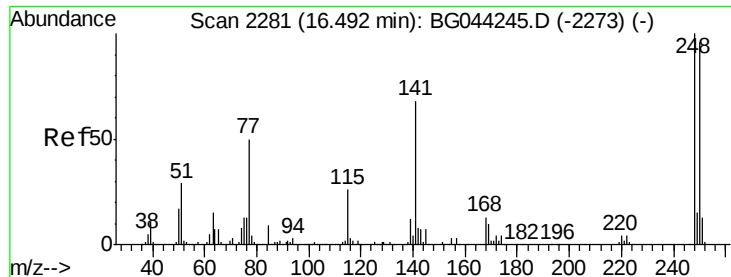


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

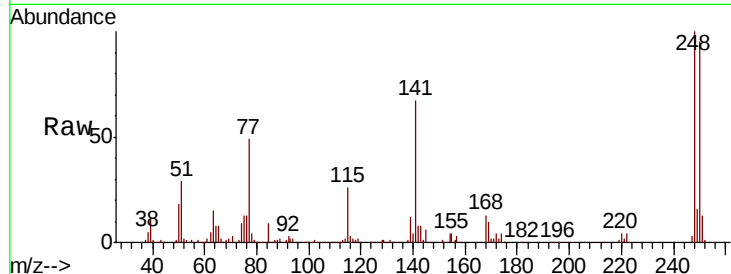




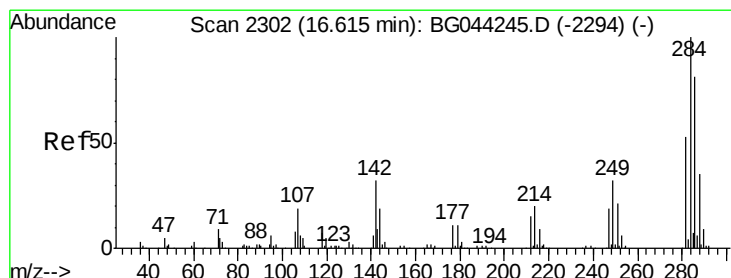
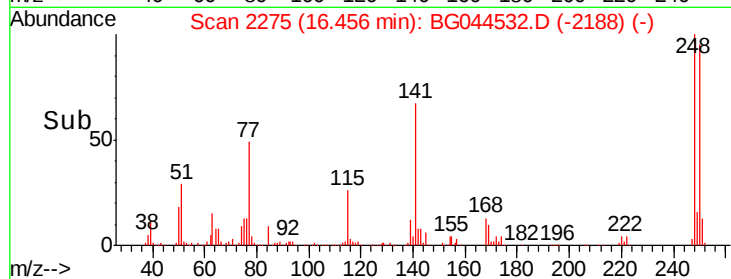
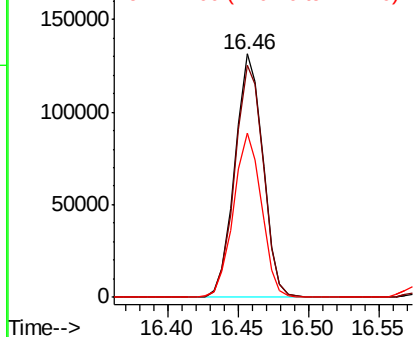
#67
 4-Bromophenyl-phenylether
 Concen: 44.643 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.6	114.8
141	67.4	54.7	82.1

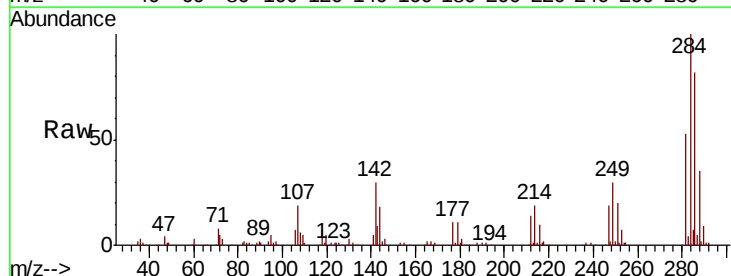


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

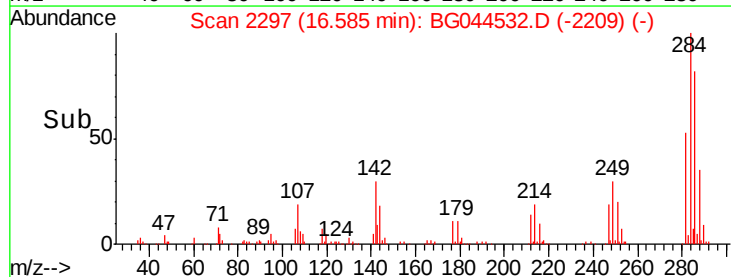
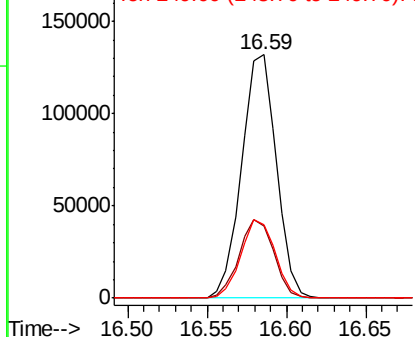


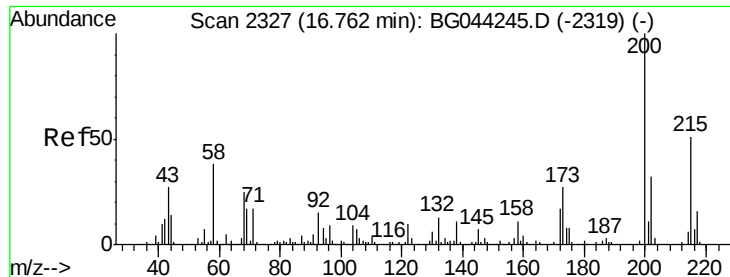
#68
 Hexachlorobenzene
 Concen: 43.852 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.3	37.9
249	30.1	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

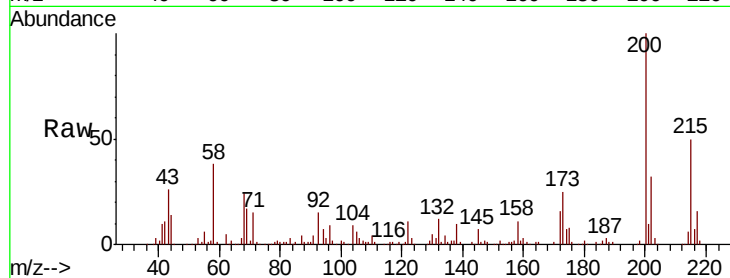




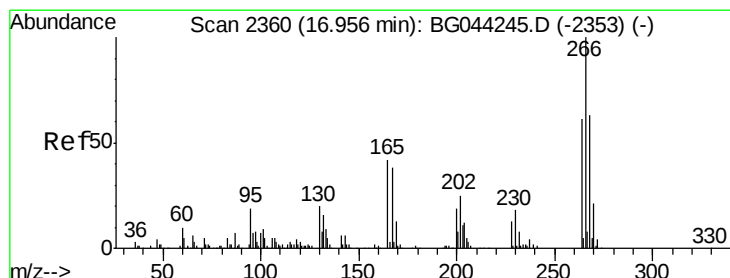
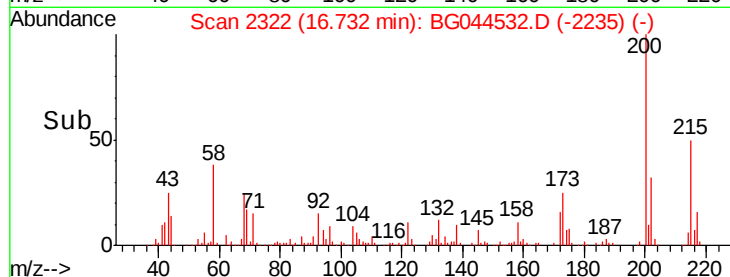
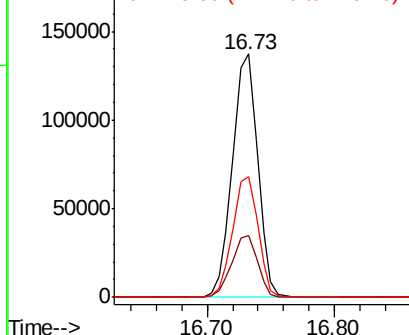
#69
 Atrazine
 Concen: 52.585 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.6	46.6
215	49.5	31.0	71.0

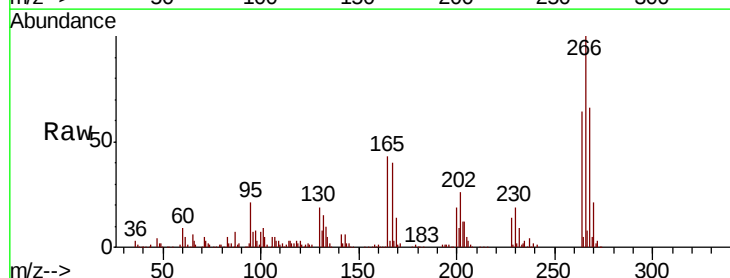


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

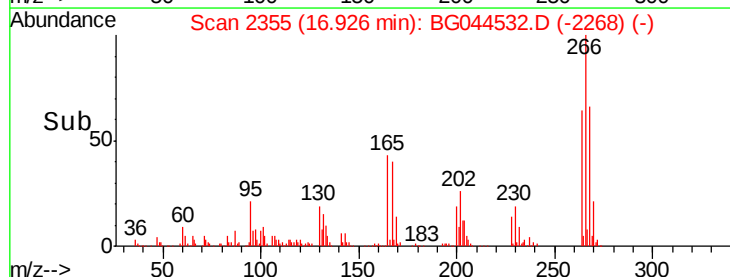
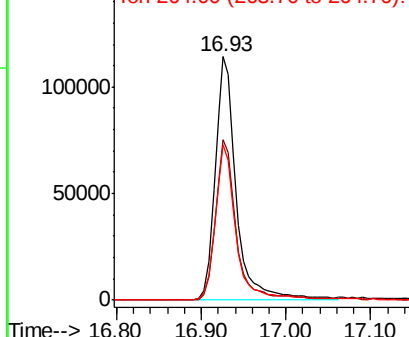


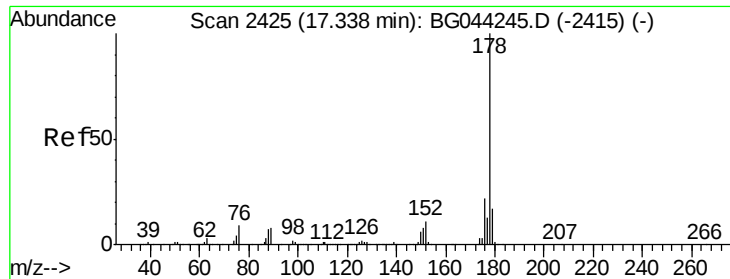
#70
 Pentachlorophenol
 Concen: 86.480 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	63.7	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

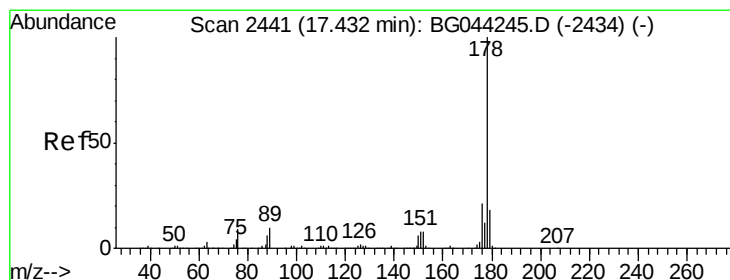
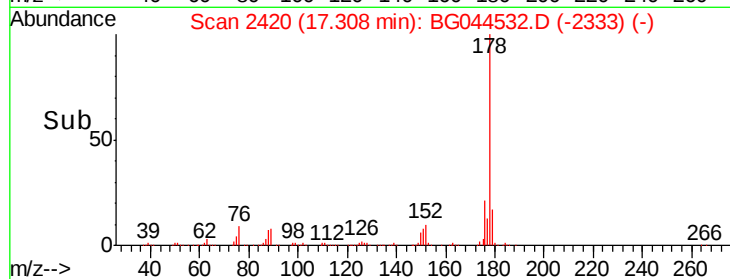
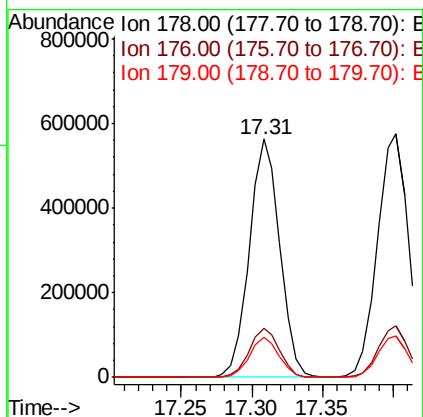
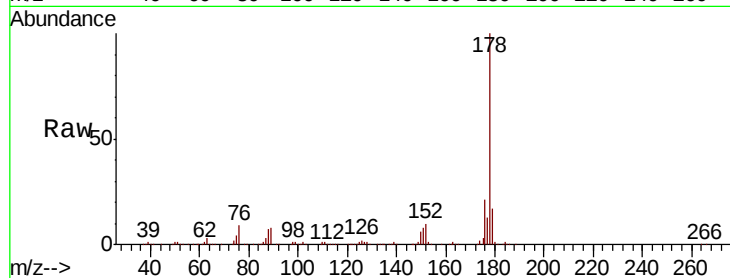




#71
Phenanthrene
Concen: 46.881 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

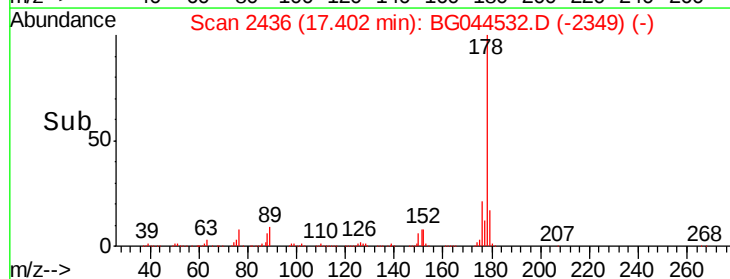
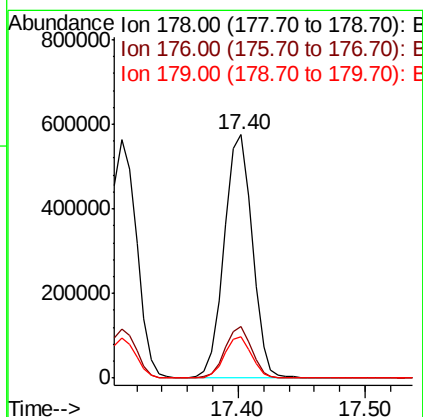
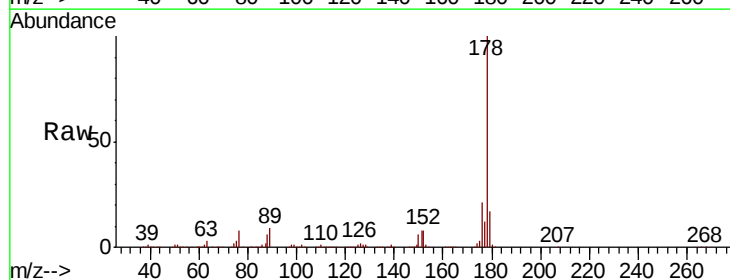
Instrument :
BNA_G
ClientSampleId :

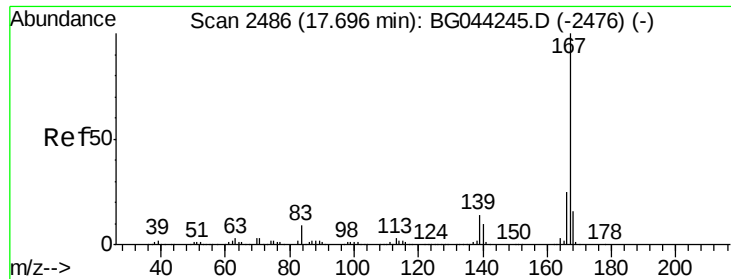
Tot Ion:178 Resp: 851127
Ion Ratio Lower Upper
178 100
176 20.8 17.7 26.5
179 17.1 13.7 20.5



#72
Anthracene
Concen: 49.028 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:178 Resp: 880018
Ion Ratio Lower Upper
178 100
176 21.3 17.0 25.4
179 17.1 14.4 21.6





#73

Carbazole

Concen: 48.512 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

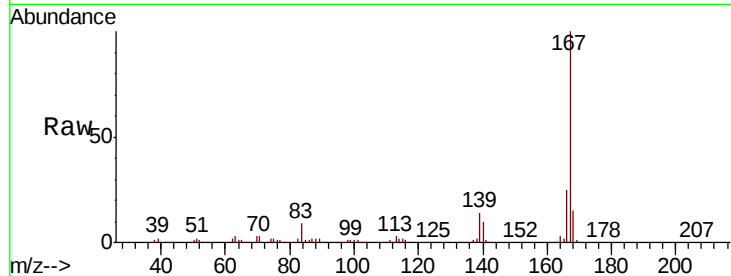
Tot Ion:167 Resp: 802735

Ion Ratio Lower Upper

167 100

166 24.5 19.8 29.6

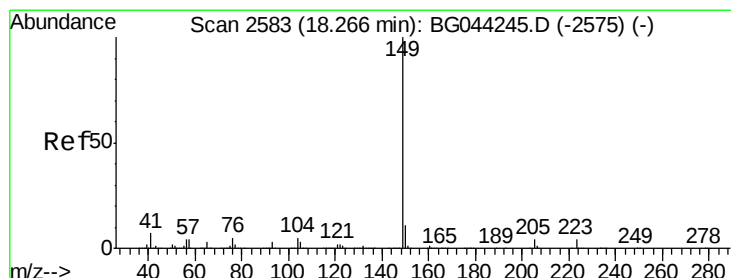
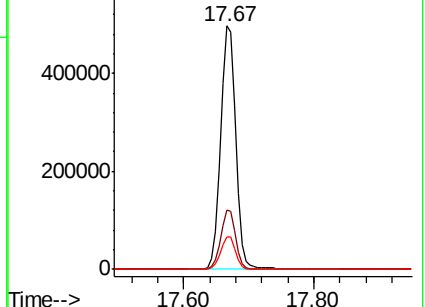
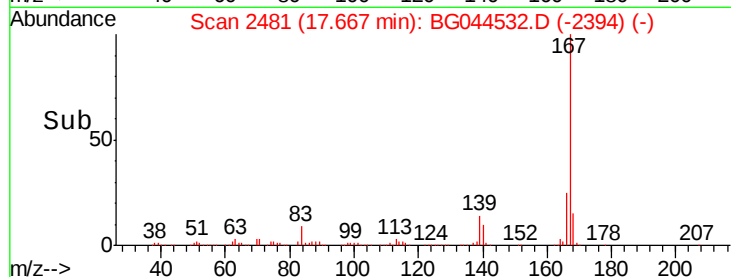
139 13.5 11.1 16.7



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: 47.509 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

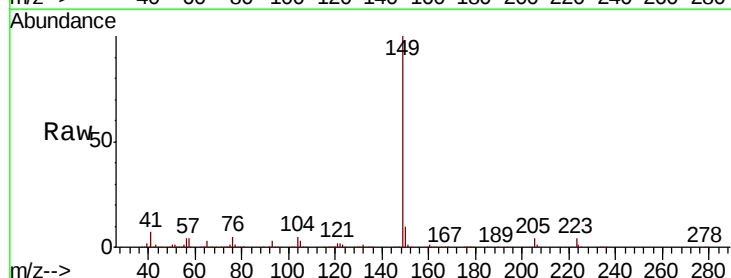
Tgt Ion:149 Resp: 971475

Ion Ratio Lower Upper

149 100

150 10.3 8.7 13.1

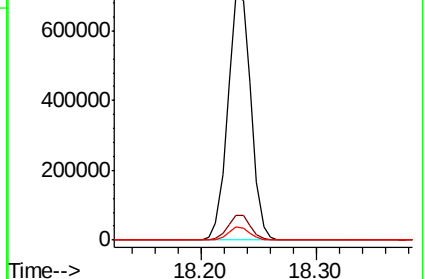
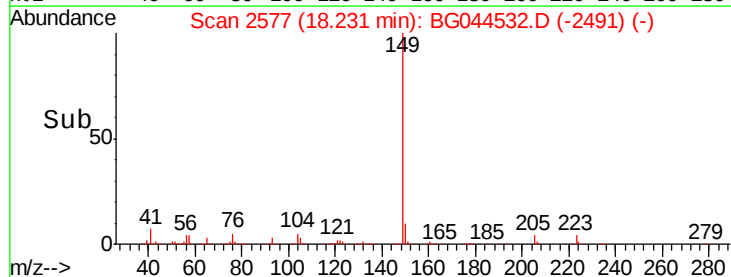
104 5.2 4.3 6.5

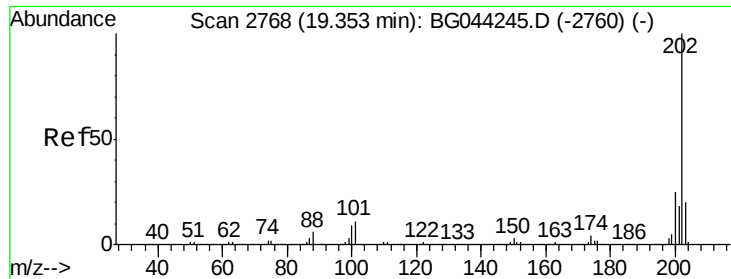


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

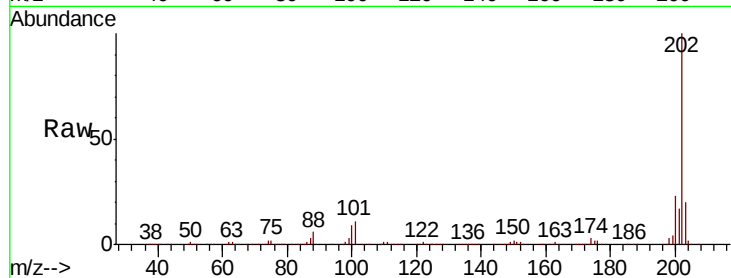




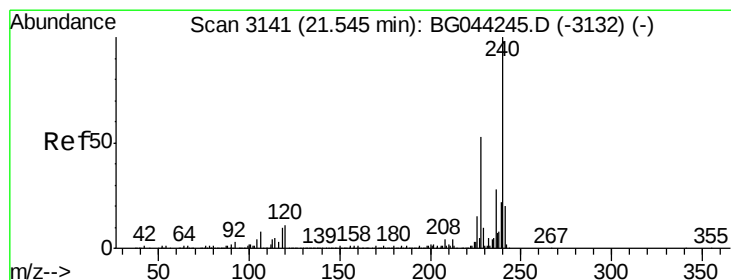
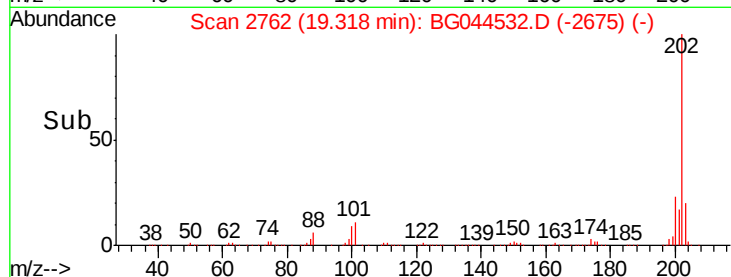
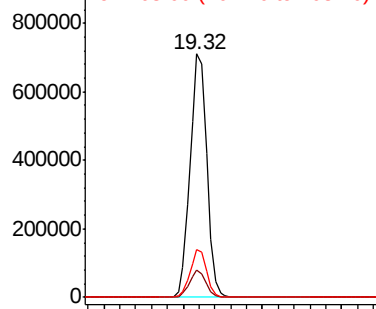
#75
Fluoranthene
Concen: 49.484 ng
RT: 19.32 min Scan# 2762
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1039268
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 19.9 0.0 39.9

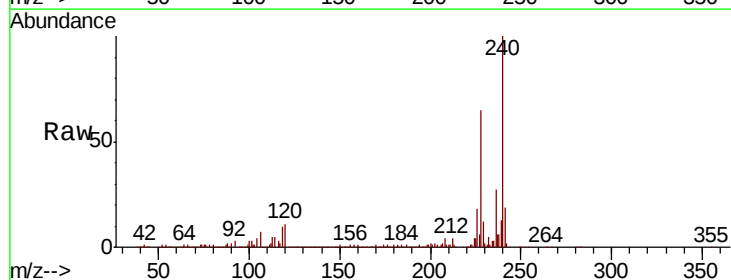


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

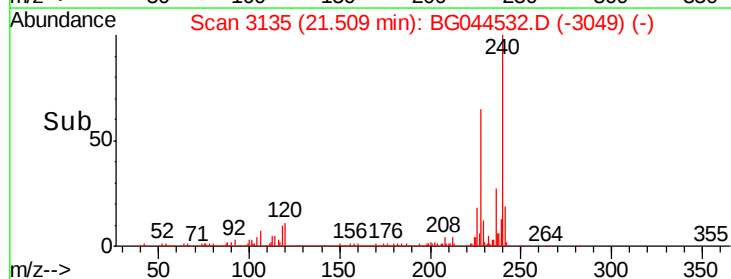
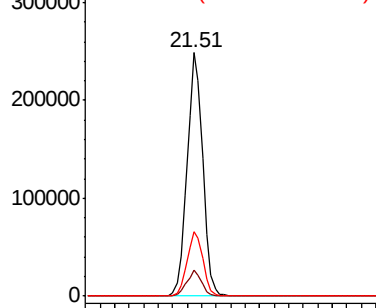


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:240 Resp: 373069
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.6 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: 27.184 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

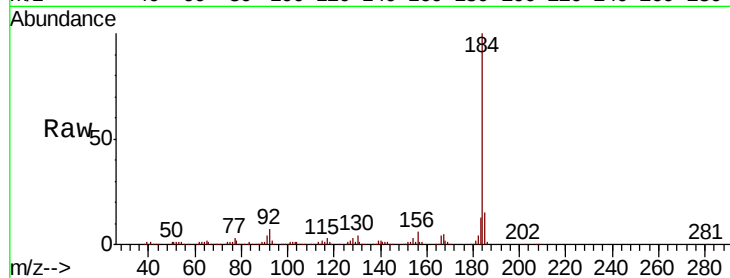
Tot Ion:184 Resp: 281306

Ion Ratio Lower Upper

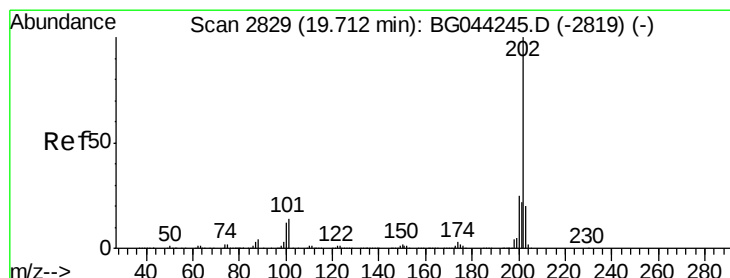
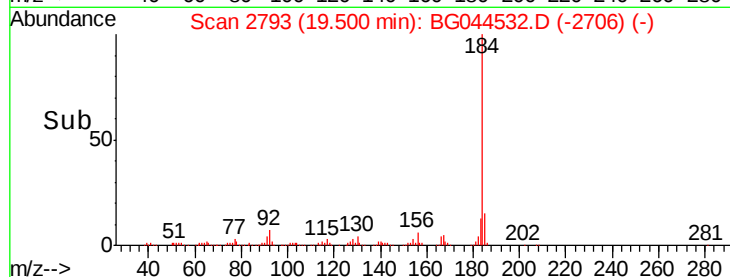
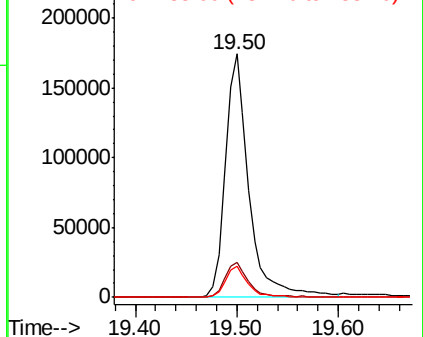
184 100

185 14.6 12.9 19.3

183 12.7 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: 43.786 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

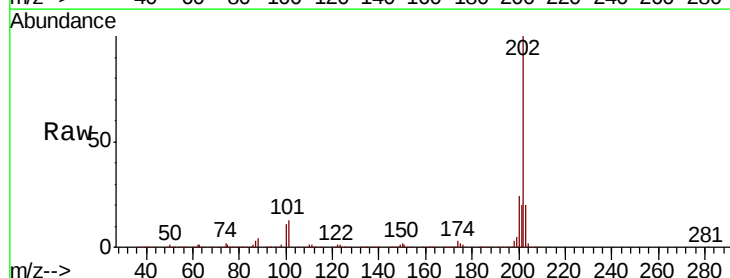
Tgt Ion:202 Resp: 1049045

Ion Ratio Lower Upper

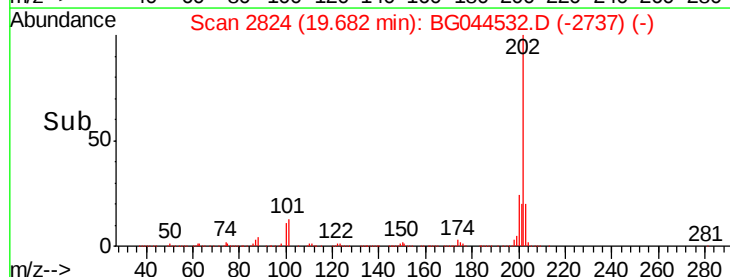
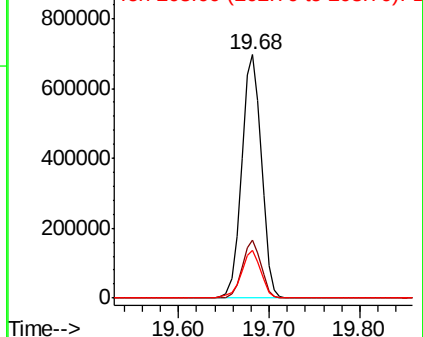
202 100

200 23.6 20.0 30.0

203 19.9 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: 52.741 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

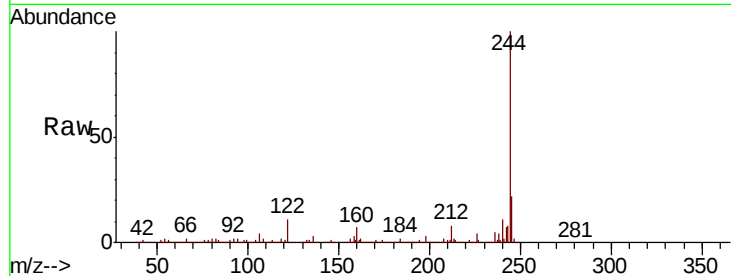
Tot Ion:244 Resp: 956607

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.2

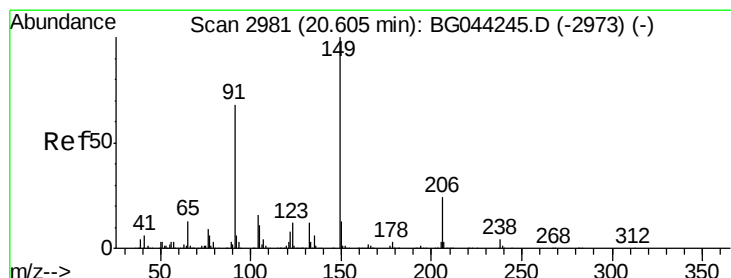
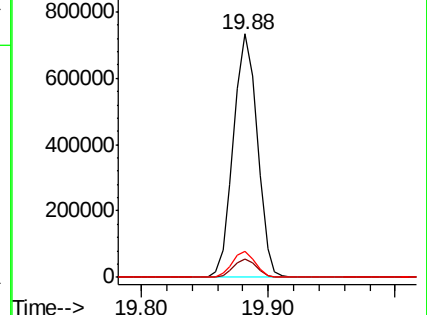
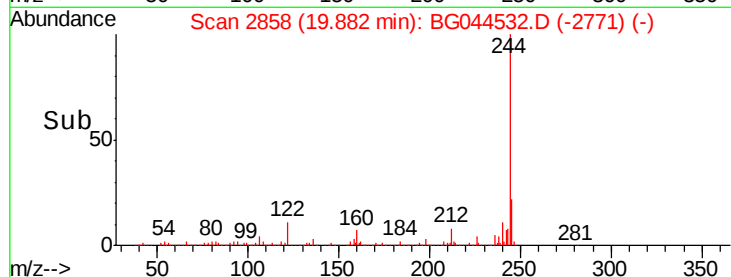
122 10.6 9.8 14.6



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: 42.251 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

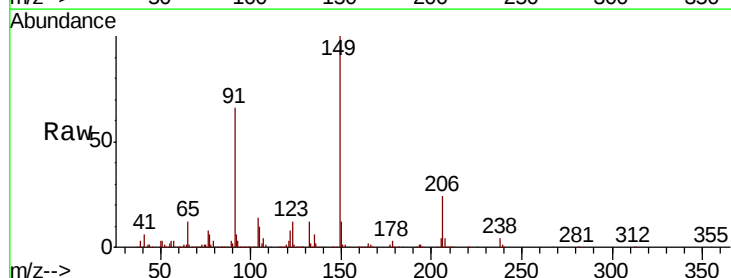
Tgt Ion:149 Resp: 461307

Ion Ratio Lower Upper

149 100

91 66.1 54.5 81.7

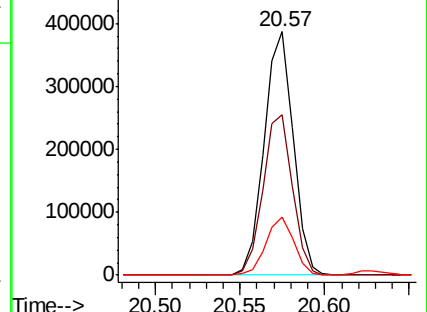
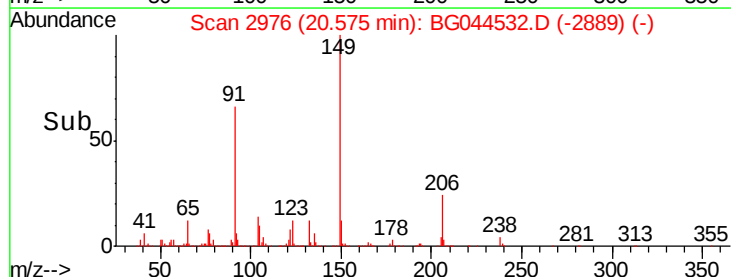
206 23.8 19.1 28.7

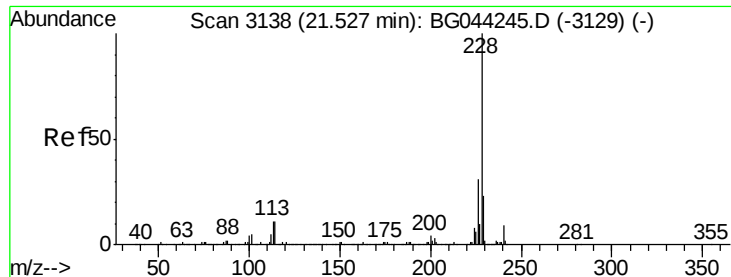


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

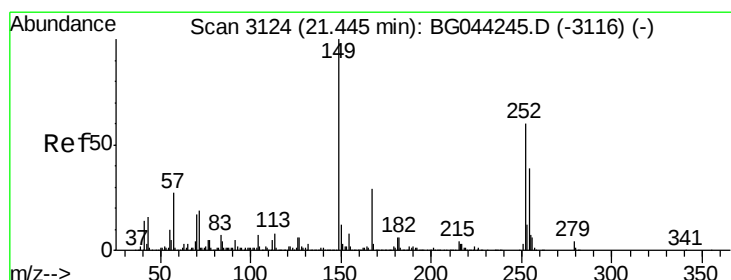
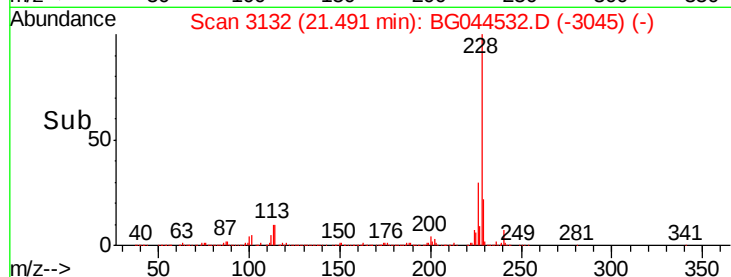
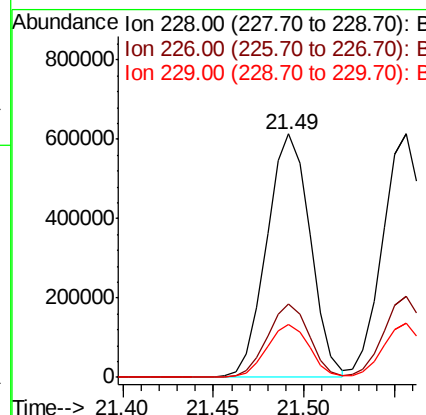
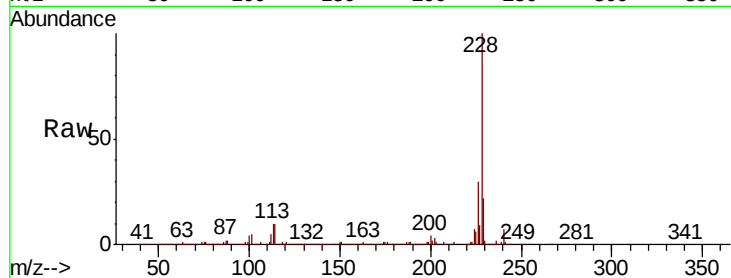




#81
Benzo(a)anthracene
Concen: 44.551 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

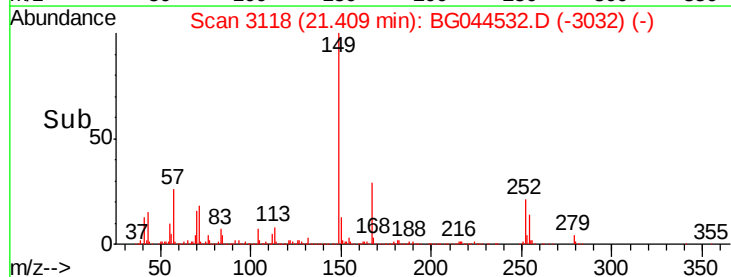
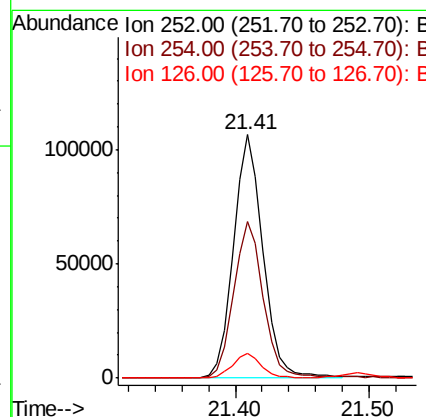
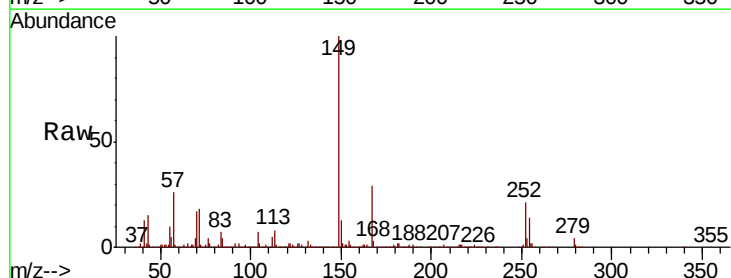
Instrument :
BNA_G
ClientSampleId :

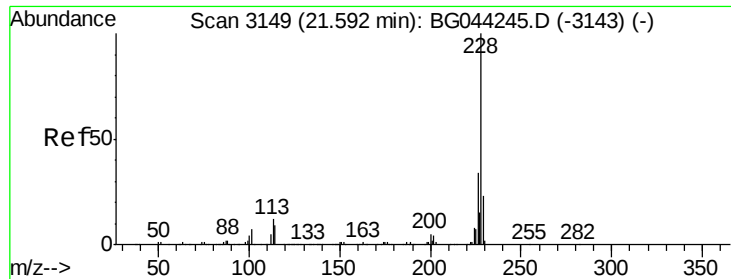
Tot Ion:228 Resp: 1024353
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 18.379 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:252 Resp: 164007
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 10.0 8.2 12.4

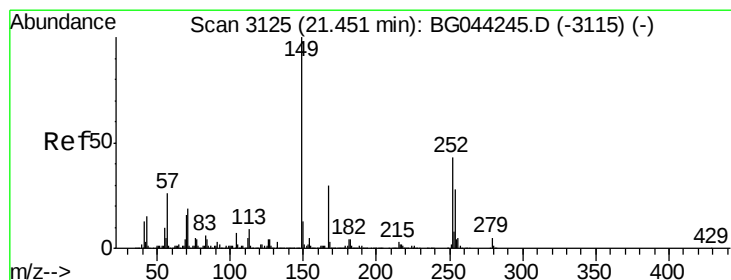
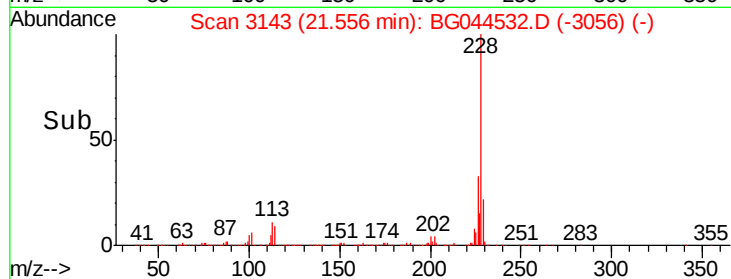
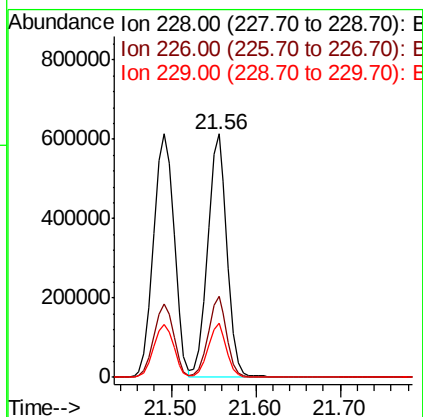
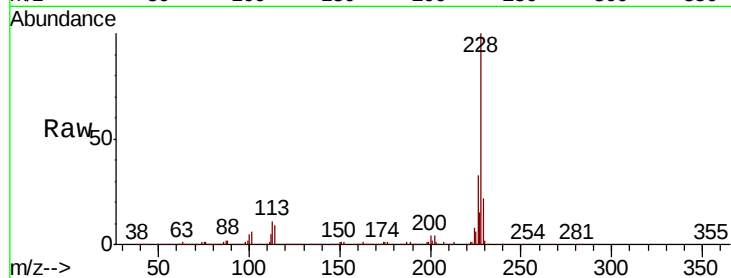




#83
 Chrysene
 Concen: 44.103 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

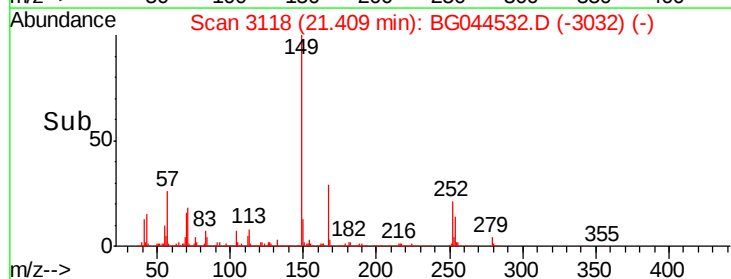
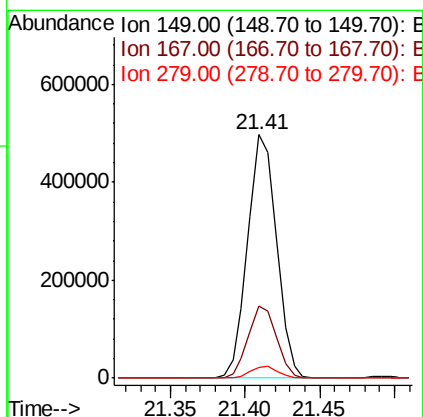
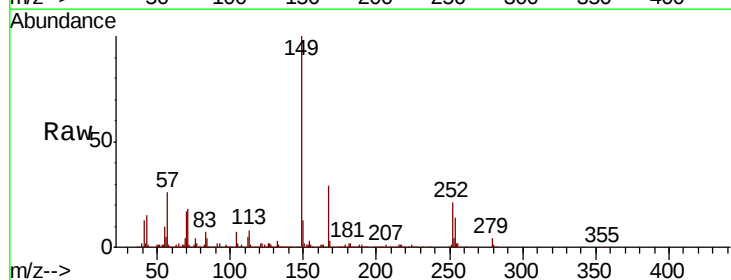
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 980159
 Ion Ratio Lower Upper
 228 100
 226 33.3 27.1 40.7
 229 22.0 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.136 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion:149 Resp: 663278
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 4.5 3.8 5.8

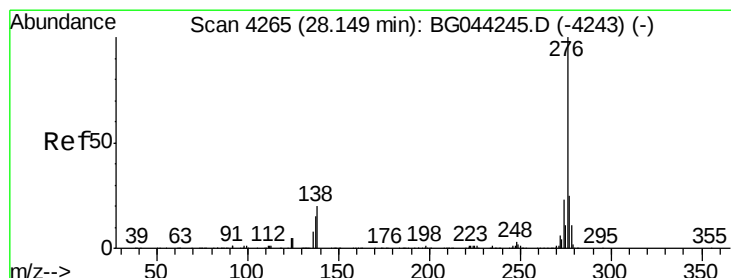
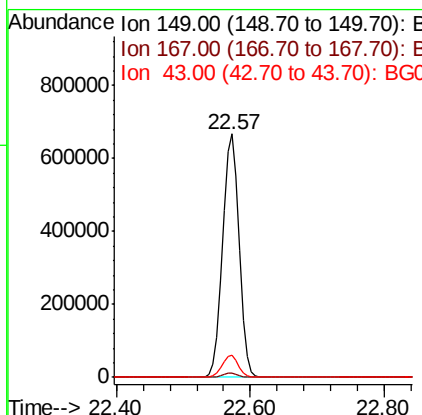
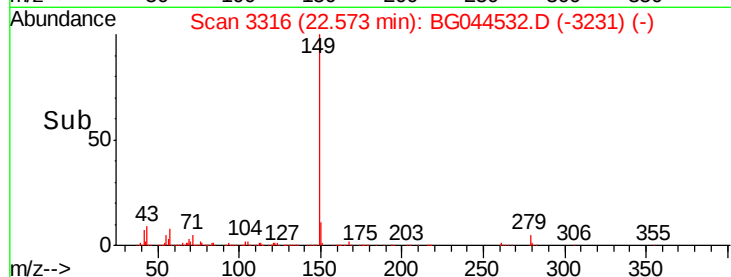
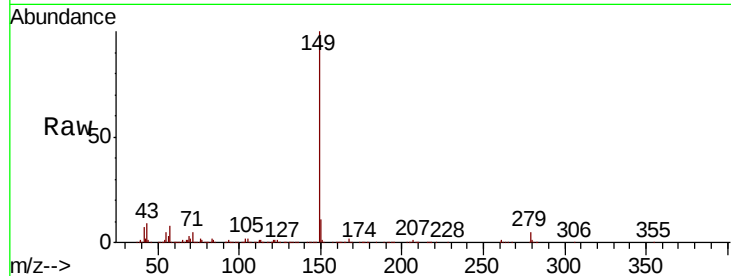




#85
Di-n-octyl phthalate
Concen: 44.929 ng
RT: 22.57 min Scan# 3316
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

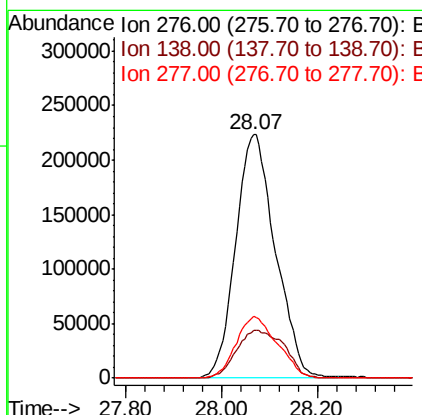
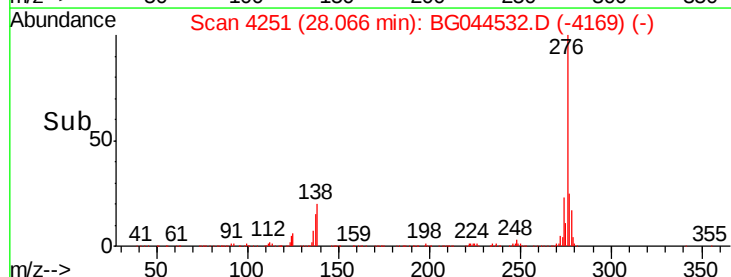
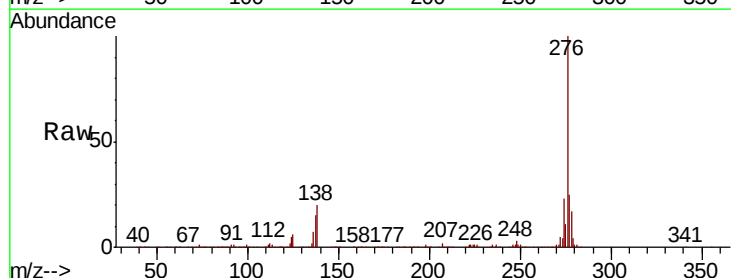
Instrument :
BNA_G
ClientSampleId :

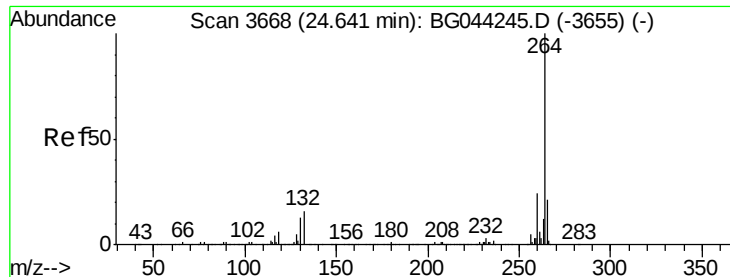
Tot Ion:149 Resp: 1168238
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.6 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.366 ng
RT: 28.07 min Scan# 4251
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:276 Resp: 1286388
Ion Ratio Lower Upper
276 100
138 23.6 19.4 29.0
277 26.5 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.04 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

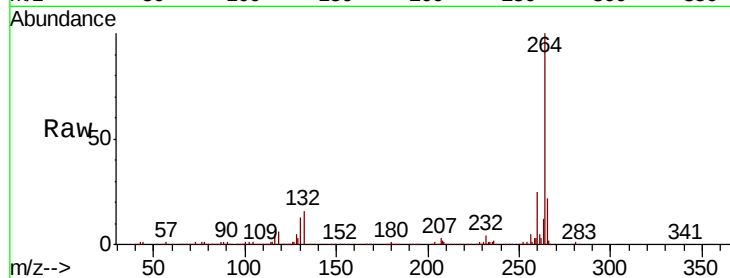
Tot Ion:264 Resp: 405197

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

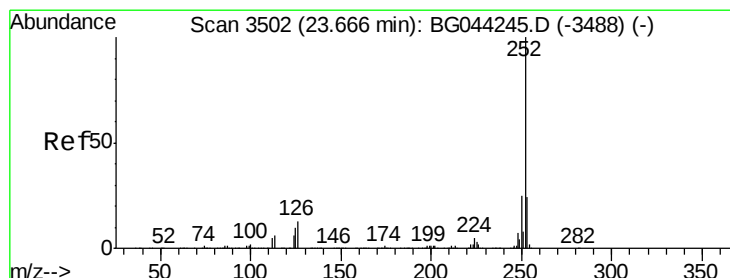
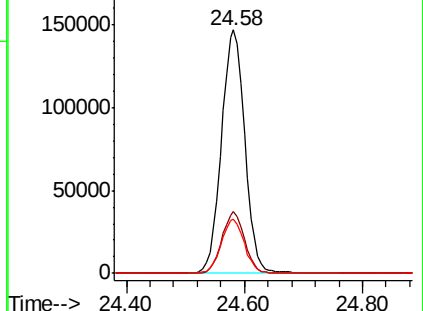
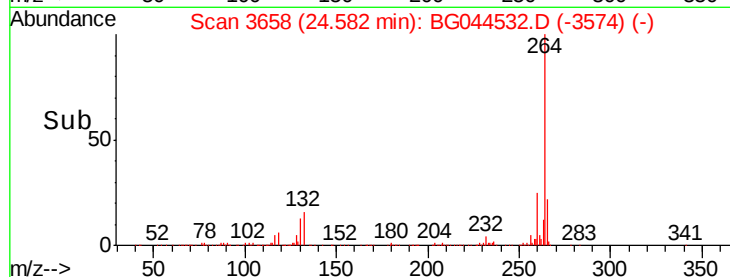
265 22.4 16.7 25.1



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: 46.271 ng

RT: 23.61 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

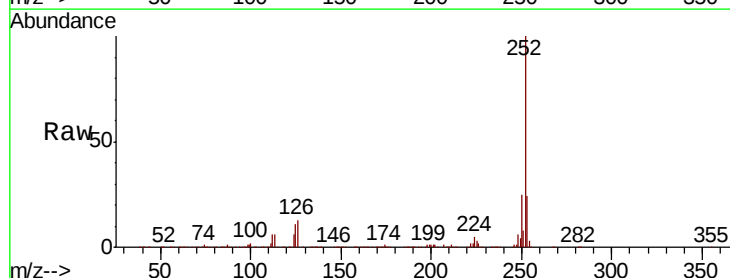
Tgt Ion:252 Resp: 1080379

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

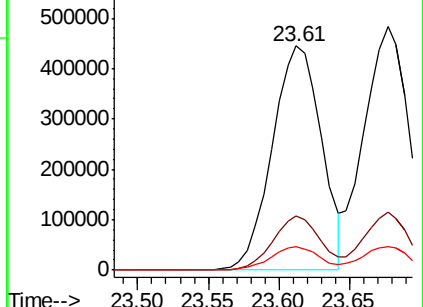
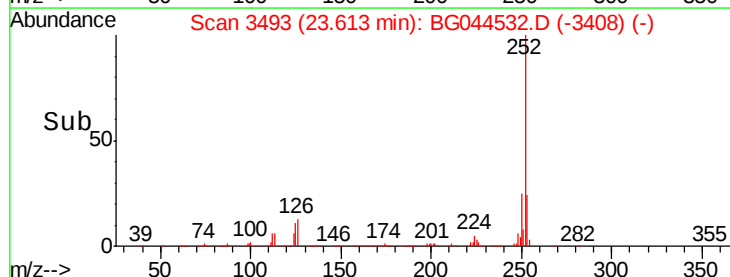
125 10.6 8.4 12.6

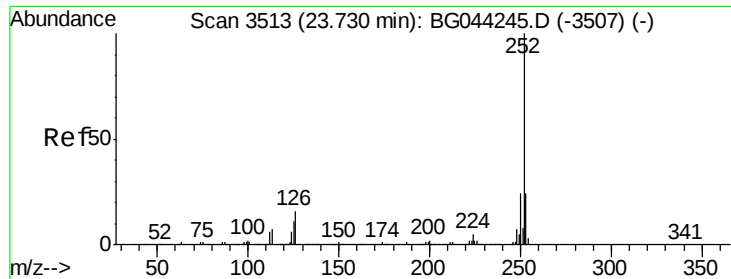


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

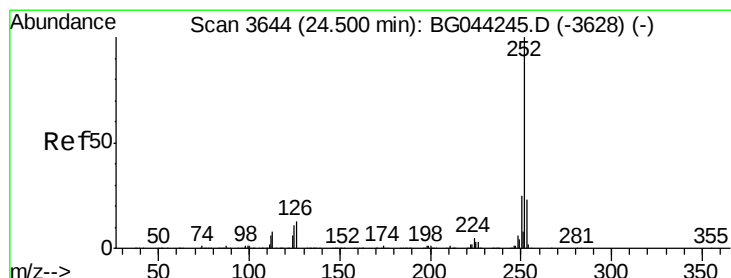
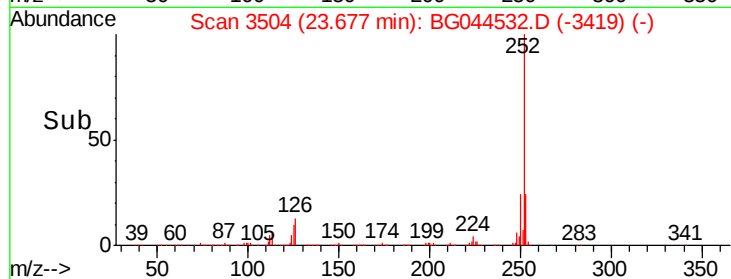
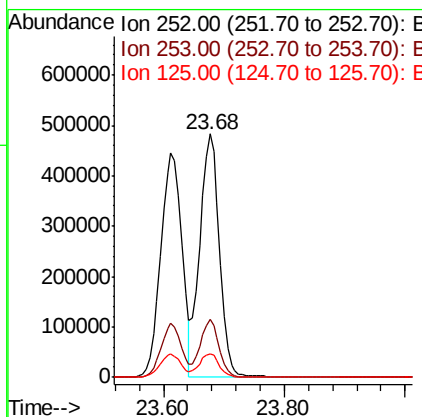
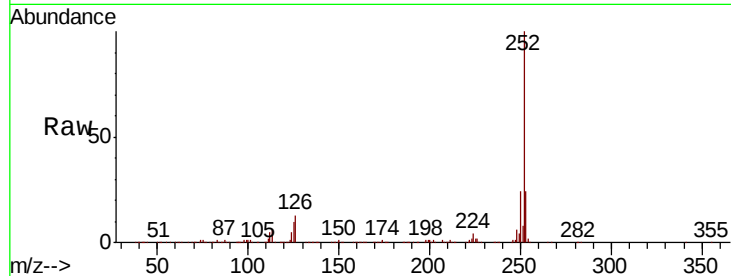




#89
Benzo(k)fluoranthene
Concen: 47.931 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

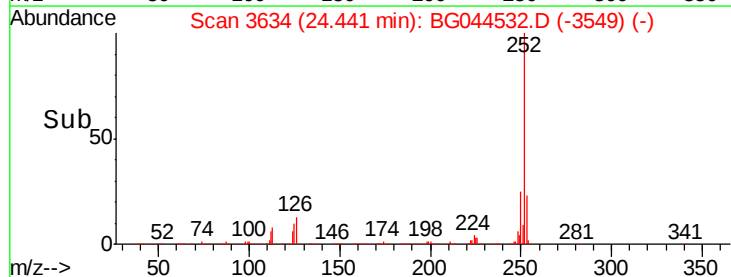
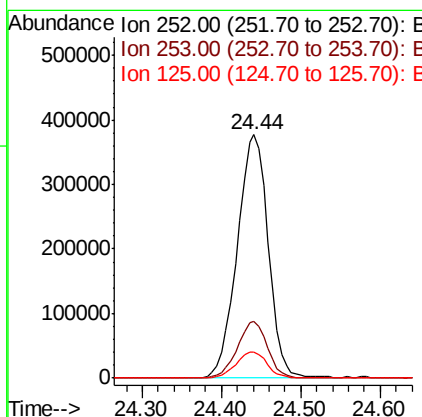
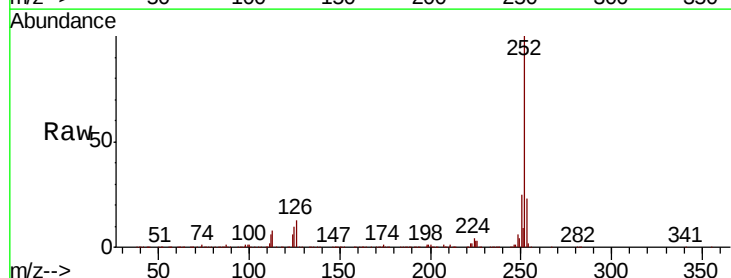
Instrument :
BNA_G
ClientSampleId :

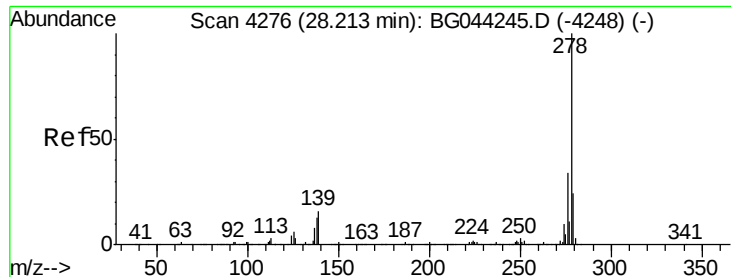
Tot Ion:252 Resp: 1090754
Ion Ratio Lower Upper
252 100
253 24.0 19.1 28.7
125 9.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.195 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:252 Resp: 1019806
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.5 8.6 13.0

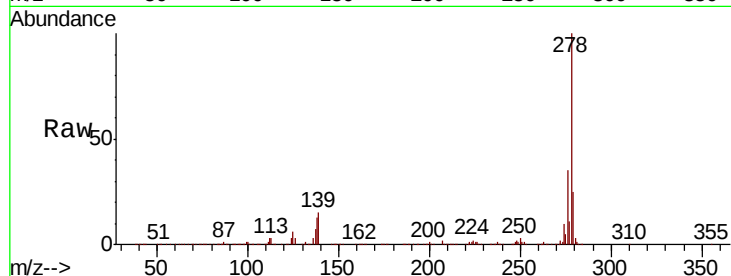




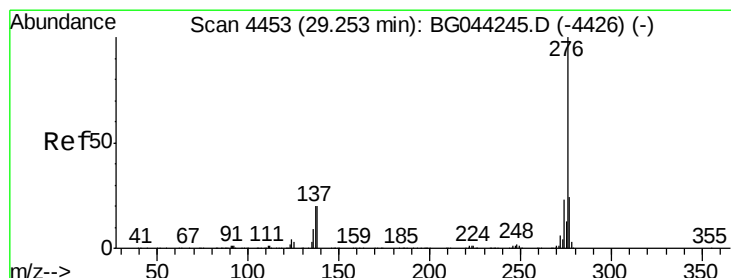
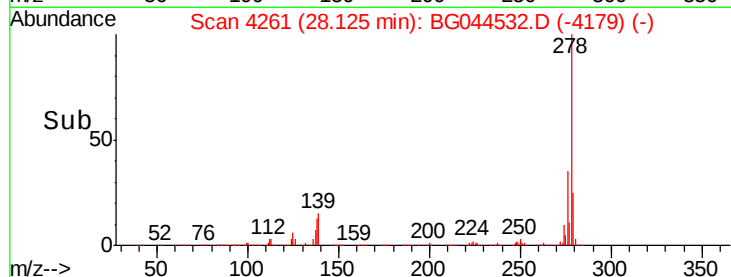
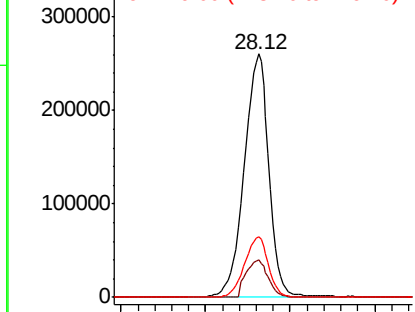
#91
Dibenzo(a,h)anthracene
Concen: 48.573 ng
RT: 28.12 min Scan# 4261
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1061230
Ion Ratio Lower Upper
278 100
139 15.2 12.7 19.1
279 25.1 19.3 28.9

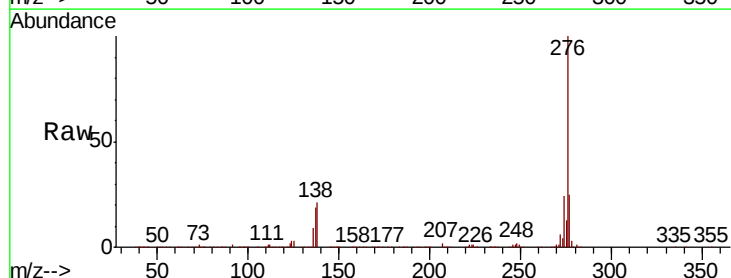


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.504 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion:276 Resp: 1082726
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 20.7 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

