

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044258.D
 Acq On : 31 Jan 2020 13:52
 Operator : CG/JU
 Sample : PB126492BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:28:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	79970	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	355539	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	254697	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	559353	20.00	ng	0.00
76) Chrysene-d12	21.55	240	474522	20.00	ng	0.00
87) Perylene-d12	24.64	264	515752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	598754	132.14	ng	0.00
7) Phenol-d6	7.09	99	823845	135.39	ng	0.00
23) Nitrobenzene-d5	9.07	82	431388	68.50	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	349493	116.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1040478	68.41	ng	0.00
79) Terphenyl-d14	19.92	244	1551150	67.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	76397	37.525	ng	98
3) Pyridine	3.77	79	185686	34.234	ng	97
4) n-Nitrosodimethylamine	3.68	42	92839	40.960	ng	96
6) Aniline	7.24	93	262407	34.743	ng	99
8) 2-Chlorophenol	7.48	128	236838	47.558	ng	99
9) Benzaldehyde	7.05	77	117352	33.863	ng	96
10) Phenol	7.12	94	298061	49.496	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	214395	41.643	ng	96
12) 1,3-Dichlorobenzene	7.81	146	234092	39.370	ng	98
13) 1,4-Dichlorobenzene	7.95	146	236129	40.096	ng	98
14) 1,2-Dichlorobenzene	8.27	146	226149	40.628	ng	98
15) Benzyl Alcohol	8.16	79	201734	46.829	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	283373	40.667	ng	99
17) 2-Methylphenol	8.37	107	215463	50.148	ng	99
18) Hexachloroethane	9.00	117	87095	39.411	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	175610	43.304	ng	99
20) 3+4-Methylphenols	8.69	107	297194	50.191	ng	98
22) Acetophenone	8.74	105	329868	38.139	ng	98
24) Nitrobenzene	9.12	77	246151	40.037	ng	99
25) Isophorone	9.64	82	487239	41.510	ng	99
26) 2-Nitrophenol	9.83	139	137439	43.083	ng	99
27) 2,4-Dimethylphenol	9.90	122	242235	53.792	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	312797	39.947	ng	99
29) 2,4-Dichlorophenol	10.37	162	254235	46.690	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	236122	37.818	ng	97
31) Naphthalene	10.77	128	709729	41.144	ng	99
32) Benzoic acid	10.03	122	47744	25.515	ng	94
33) 4-Chloroaniline	10.88	127	187673	23.922	ng	99
34) Hexachlorobutadiene	11.07	225	135215	35.195	ng	99
35) Caprolactam	11.64	113	54921	27.534	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	283180	49.603	ng	98
37) 2-Methylnaphthalene	12.38	142	552403	43.131	ng	99
38) 1-Methylnaphthalene	12.60	142	526171	43.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	263668	34.607	ng	98

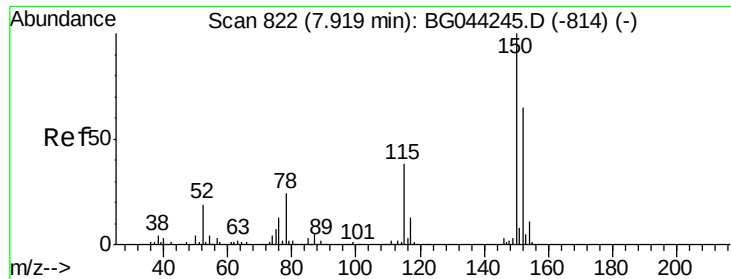
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044258.D
 Acq On : 31 Jan 2020 13:52
 Operator : CG/JU
 Sample : PB126492BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:28:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	305076	83.451	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	207756	42.187	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	228030	45.334	ng	98
46) 1,1'-Biphenyl	13.39	154	720796	39.234	ng	100
47) 2-Chloronaphthalene	13.43	162	562949	38.507	ng	99
48) 2-Nitroaniline	13.63	65	177218	41.076	ng	97
49) Acenaphthylene	14.28	152	914269	42.638	ng	99
50) Dimethylphthalate	14.02	163	750120	40.971	ng	99
51) 2,6-Dinitrotoluene	14.13	165	172236	42.192	ng	99
52) Acenaphthene	14.62	154	558528	40.187	ng	97
53) 3-Nitroaniline	14.46	138	128935	28.549	ng	96
54) 2,4-Dinitrophenol	14.66	184	135348	58.247	ng	97
55) Dibenzofuran	14.96	168	885953	42.103	ng	100
56) 4-Nitrophenol	14.77	139	293427	88.697	ng	99
57) 2,4-Dinitrotoluene	14.92	165	237785	41.560	ng	97
58) Fluorene	15.61	166	698839	42.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197634	43.499	ng	99
60) Diethylphthalate	15.38	149	762656	41.806	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	367411	40.885	ng	97
62) 4-Nitroaniline	15.62	138	168634	37.368	ng	96
63) Azobenzene	15.89	77	693255	43.359	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	127372	41.252	ng	97
66) n-Nitrosodiphenylamine	15.81	169	659627	42.080	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	241000	39.547	ng	99
68) Hexachlorobenzene	16.62	284	257074	37.653	ng	98
69) Atrazine	16.76	200	238416	44.374	ng	97
70) Pentachlorophenol	16.96	266	257105	74.686	ng	97
71) Phenanthrene	17.34	178	1095641	40.451	ng	99
72) Anthracene	17.44	178	1132416	42.288	ng	99
73) Carbazole	17.70	167	993316	40.237	ng	99
74) Di-n-butylphthalate	18.27	149	1226189	40.194	ng	100
75) Fluoranthene	19.35	202	1251966	39.957	ng	99
77) Benzidine	19.53	184	298328	22.666	ng	98
78) Pyrene	19.72	202	1258741	41.305	ng	99
80) Butylbenzylphthalate	20.61	149	564502	40.649	ng	98
81) Benzo(a)anthracene	21.53	228	1194711	40.851	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	319846	28.179	ng	99
83) Chrysene	21.60	228	1140132	40.333	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	801170	41.914	ng	99
85) Di-n-octyl phthalate	22.62	149	1402805	42.416	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1408957	38.204	ng	# 87
88) Benzo(b)fluoranthene	23.67	252	1256366	42.274	ng	100
89) Benzo(k)fluoranthene	23.73	252	1238519	42.758	ng	99
90) Benzo(a)pyrene	24.50	252	1172072	41.712	ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1144433	41.153	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1177757	42.306	ng	99

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

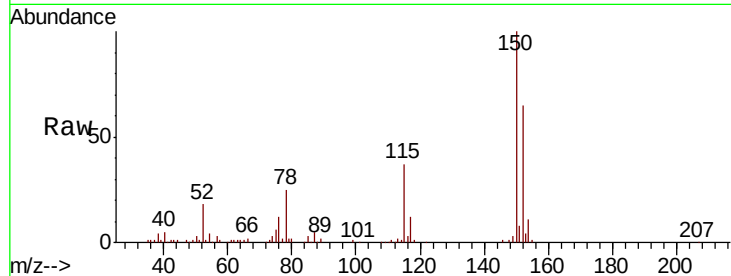


#1

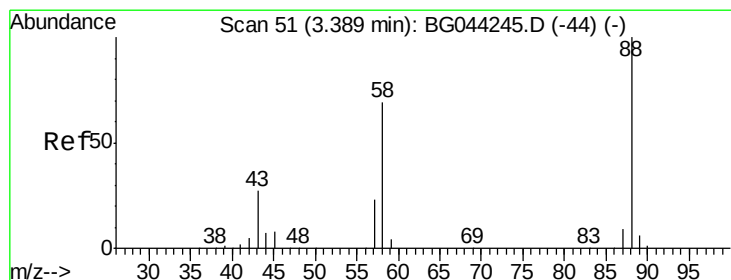
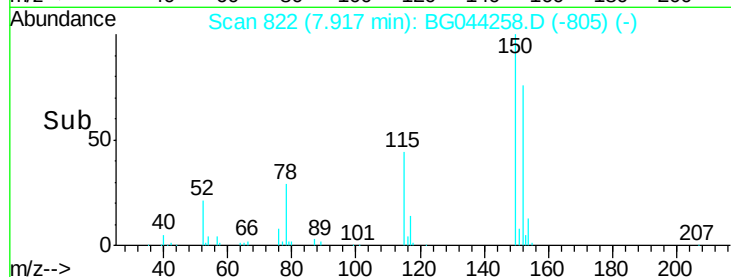
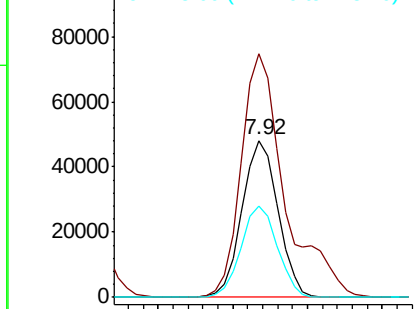
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 79970
Ion Ratio Lower Upper
152 100
150 154.9 122.6 183.8
115 58.0 46.0 69.0



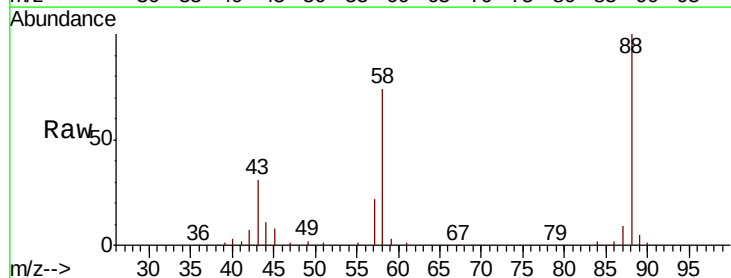
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



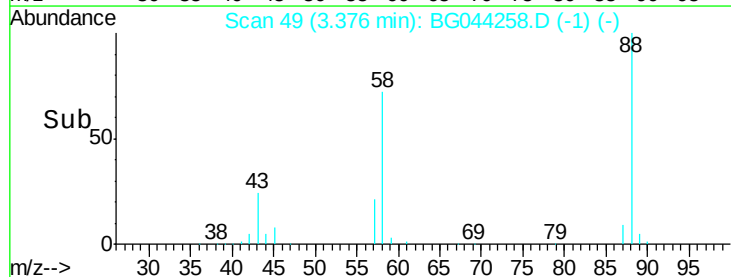
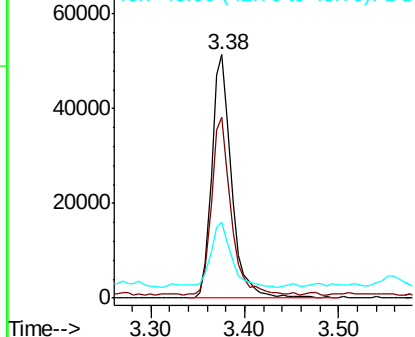
#2

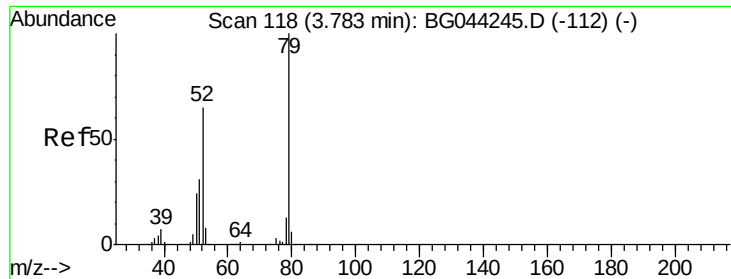
1,4-Dioxane
Concen: 37.525 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion: 88 Resp: 76397
Ion Ratio Lower Upper
88 100
58 71.8 55.8 83.6
43 27.3 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: 34.234 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

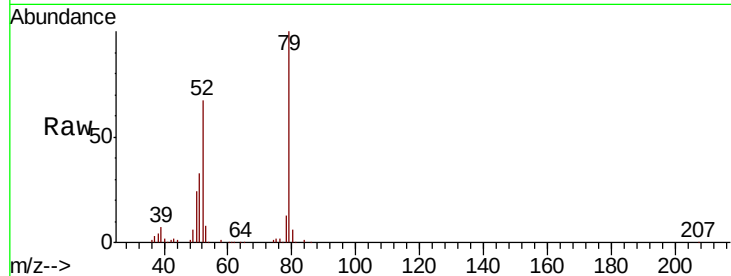
Tot Ion: 79 Resp: 185686

Ion Ratio Lower Upper

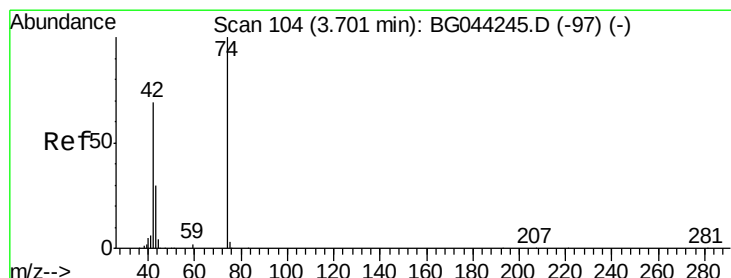
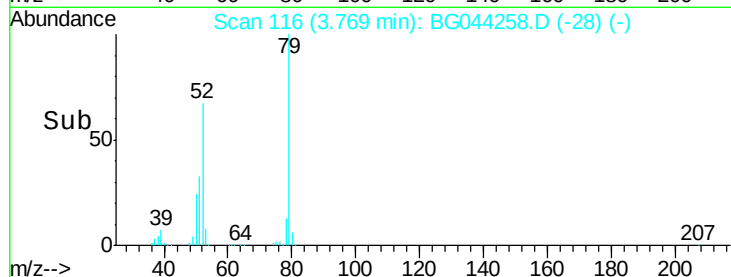
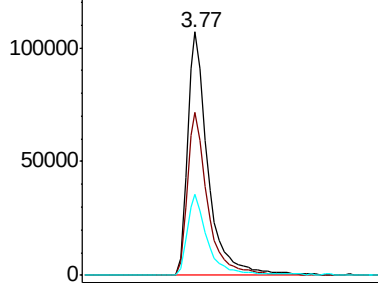
79 100

52 66.8 51.9 77.9

51 33.4 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.960 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

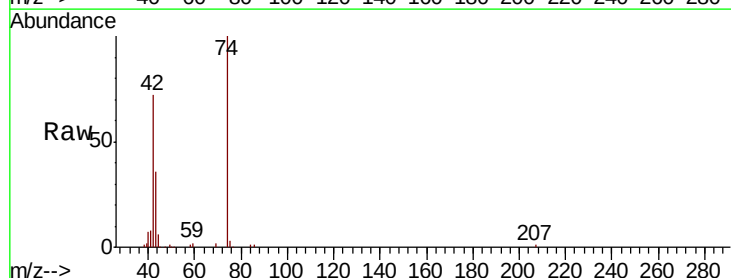
Tgt Ion: 42 Resp: 92839

Ion Ratio Lower Upper

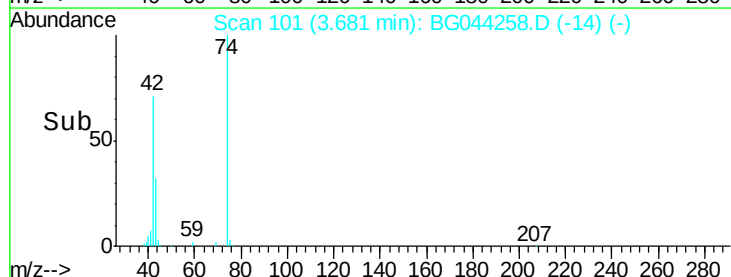
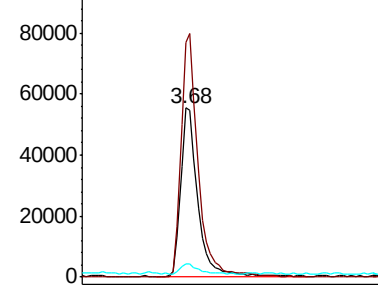
42 100

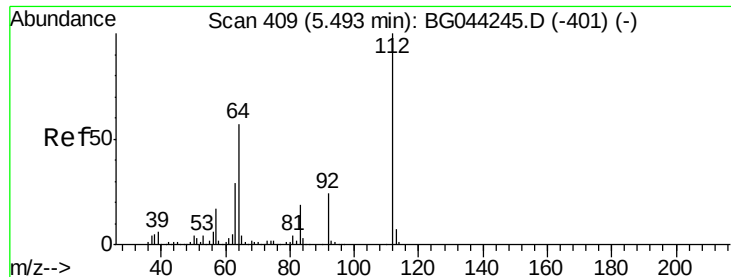
74 138.8 115.1 172.7

44 8.1 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.138 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

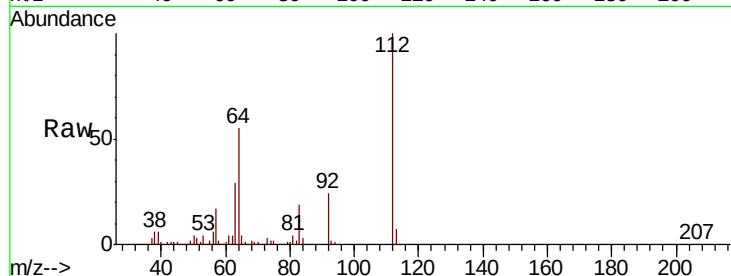
Tot Ion:112 Resp: 598754

Ion Ratio Lower Upper

112 100

64 55.3 45.4 68.2

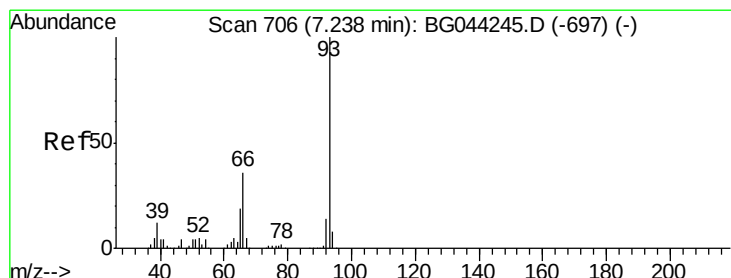
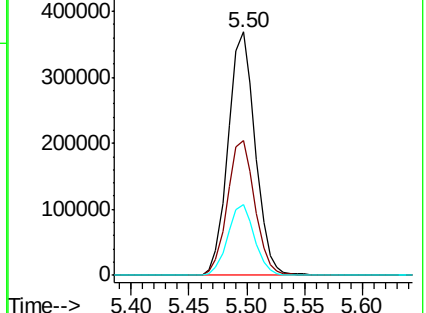
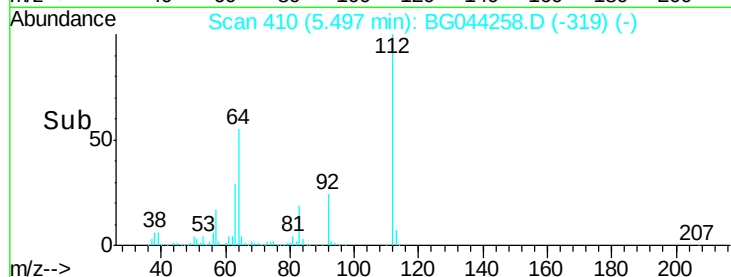
63 29.0 22.9 34.3



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: 34.743 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

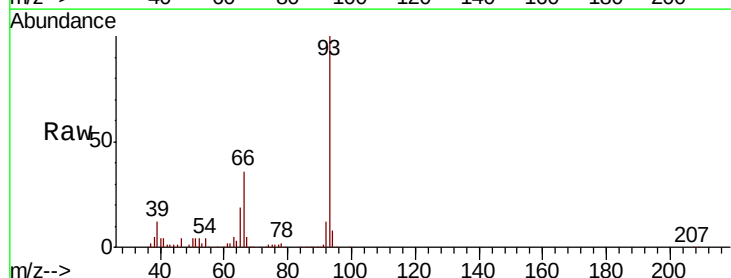
Tgt Ion: 93 Resp: 262407

Ion Ratio Lower Upper

93 100

66 36.2 28.7 43.1

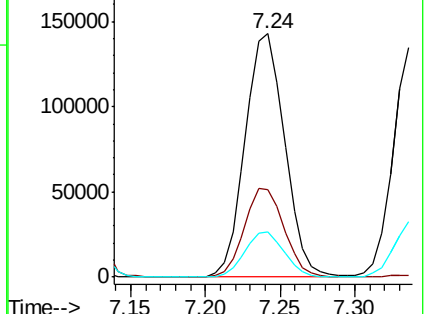
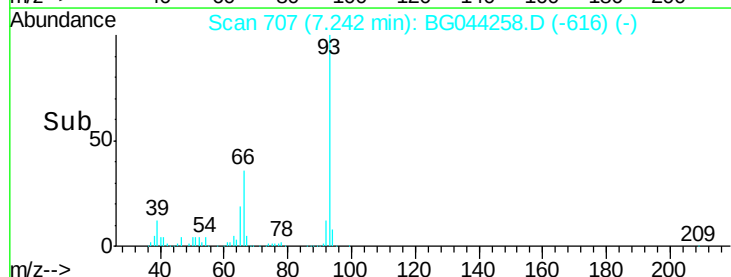
65 18.5 15.4 23.0

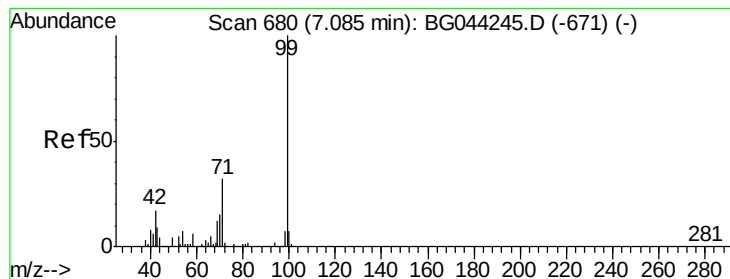


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.393 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

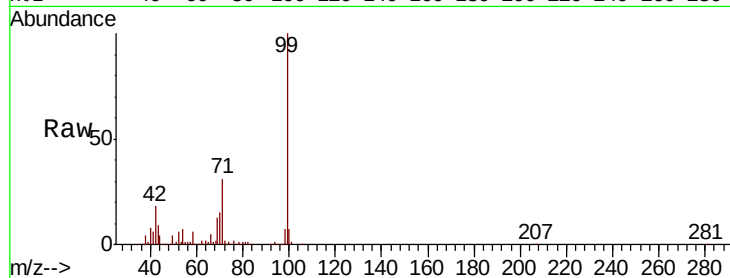
Tot Ion: 99 Resp: 823845

Ion Ratio Lower Upper

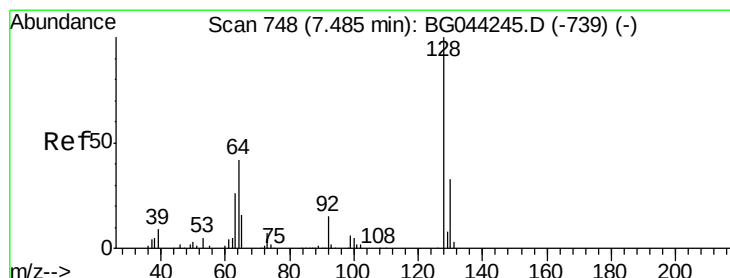
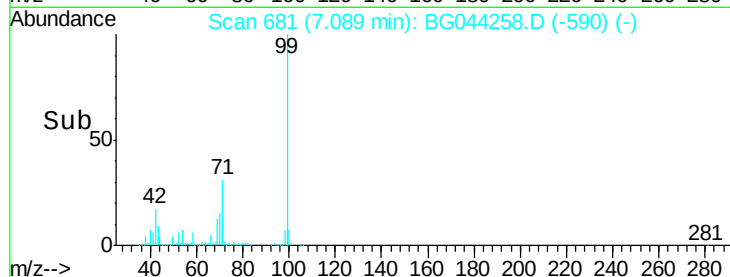
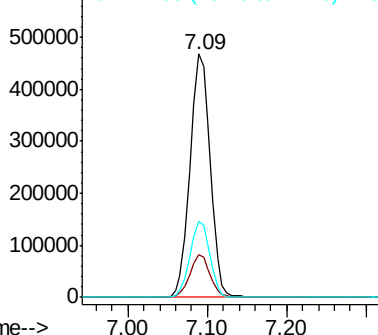
99 100

42 17.5 13.8 20.6

71 31.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 47.558 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

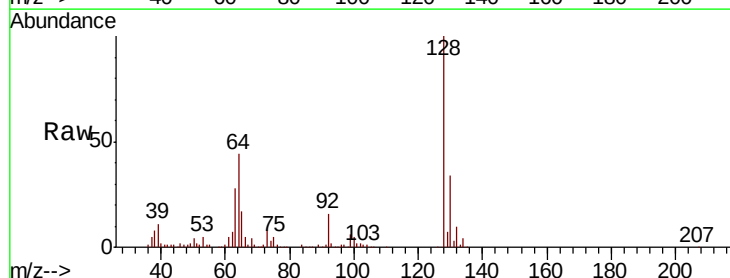
Tgt Ion: 128 Resp: 236838

Ion Ratio Lower Upper

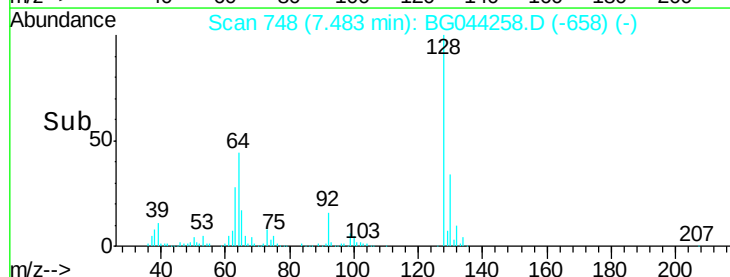
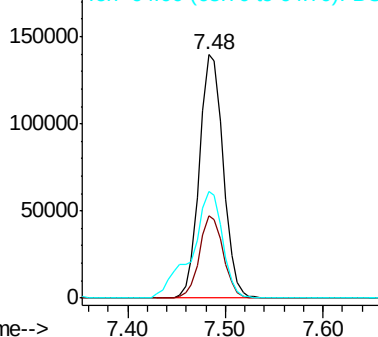
128 100

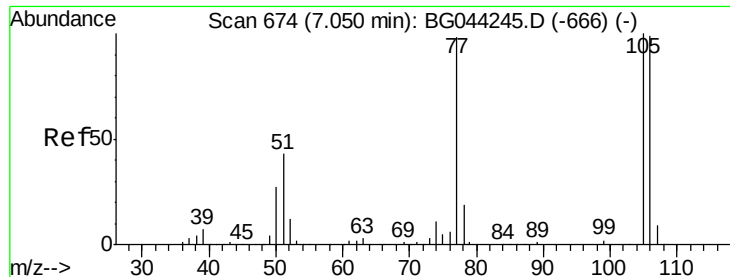
130 33.6 12.5 52.5

64 43.9 24.2 64.2



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





#9

Benzaldehyde

Concen: 33.863 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

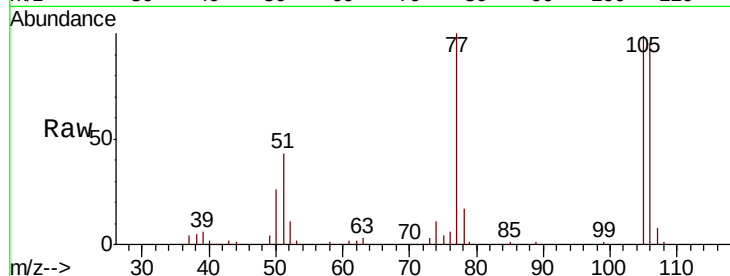
Tot Ion: 77 Resp: 117352

Ion Ratio Lower Upper

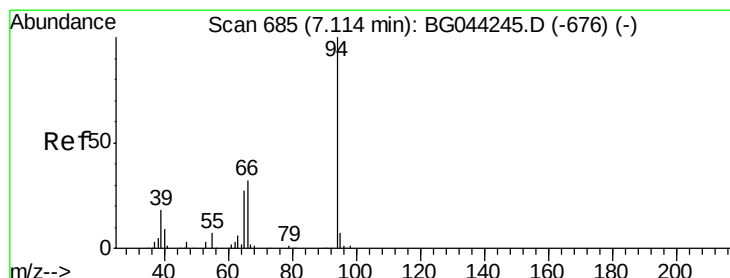
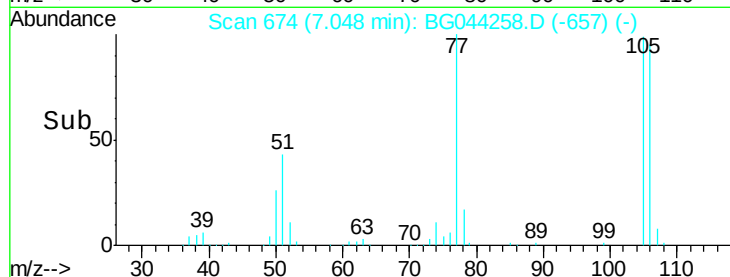
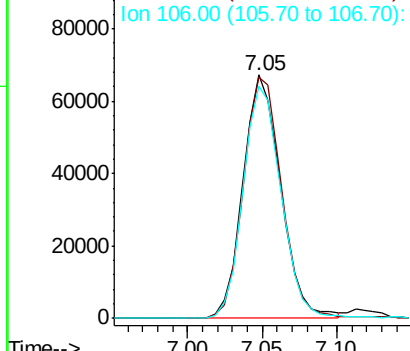
77 100

105 99.0 82.0 122.0

106 95.2 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: 49.496 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

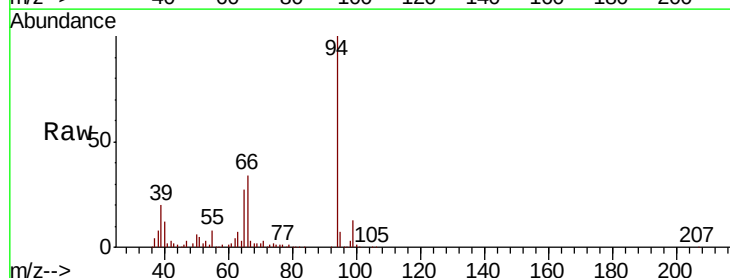
Tgt Ion: 94 Resp: 298061

Ion Ratio Lower Upper

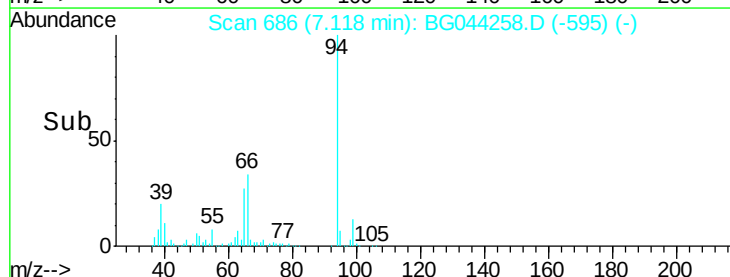
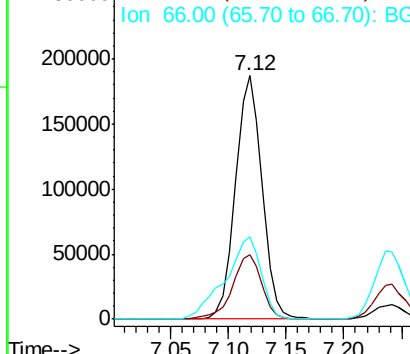
94 100

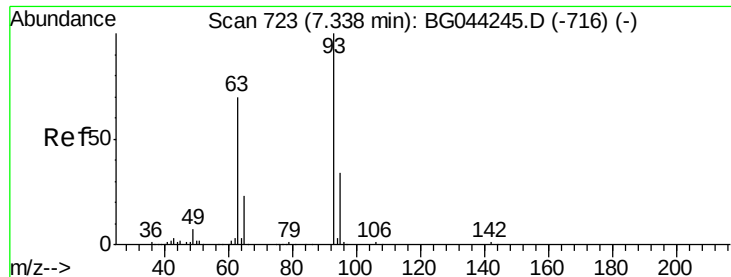
65 26.6 7.0 47.0

66 33.9 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: 41.643 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

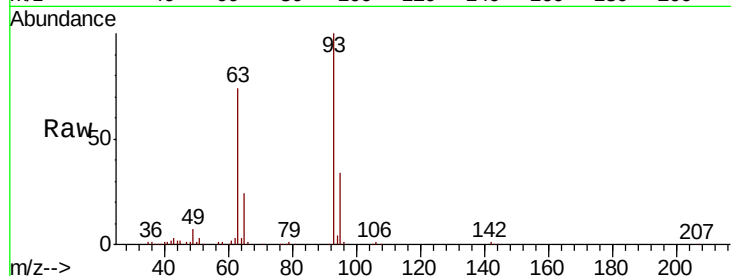
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 214395

Ion	Ratio	Lower	Upper
93	100		
63	73.5	49.2	89.2
95	33.6	13.6	53.6

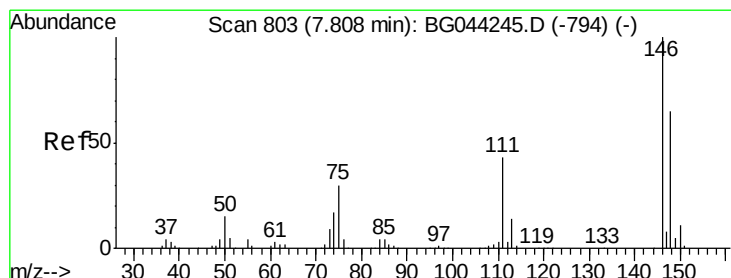
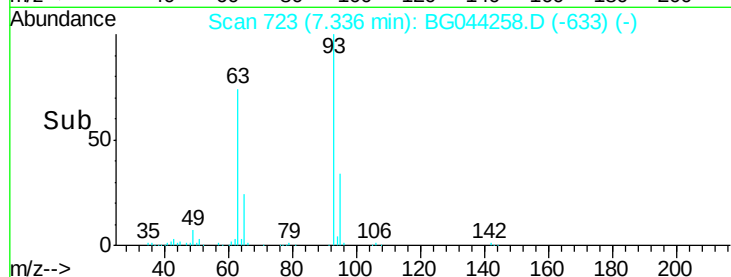


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.370 ng

RT: 7.81 min Scan# 804

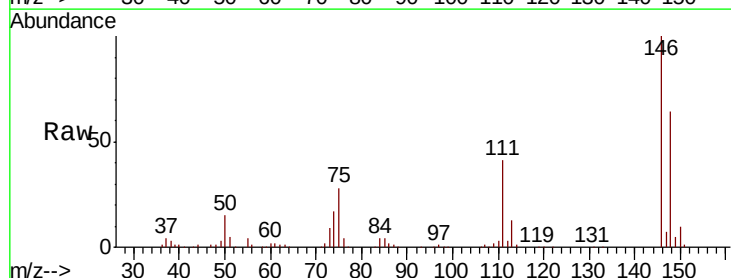
Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Tgt Ion: 146 Resp: 234092

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.0	23.7	35.5

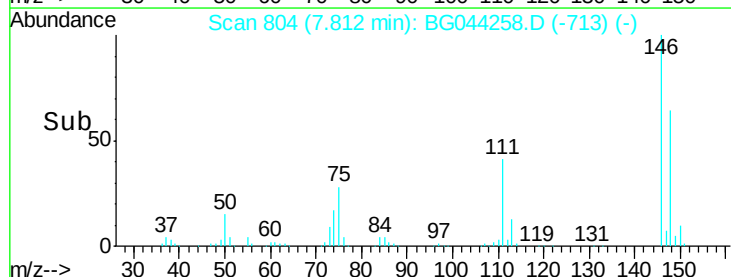


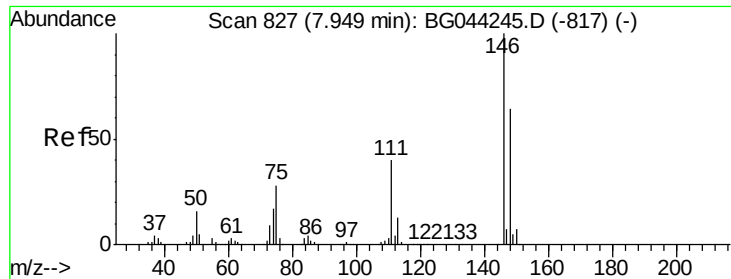
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

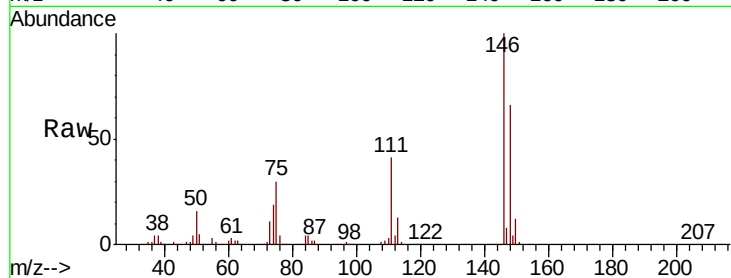




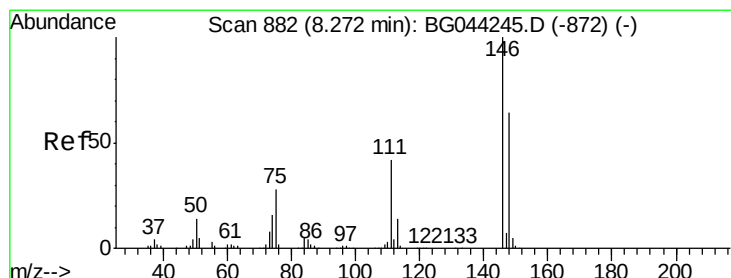
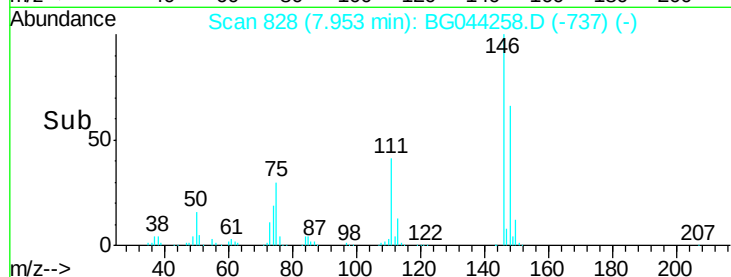
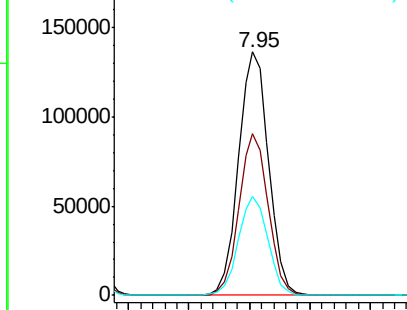
#13
 1,4-Dichlorobenzene
 Concen: 40.096 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 236129
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.4 77.0
 111 40.9 31.8 47.8

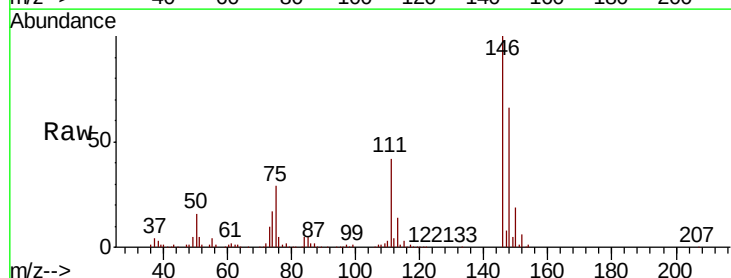


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

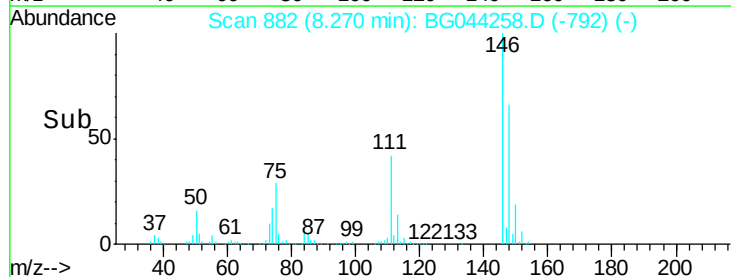
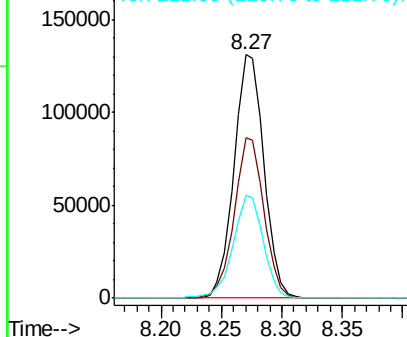


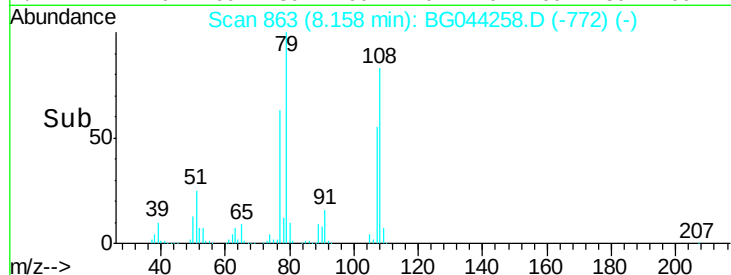
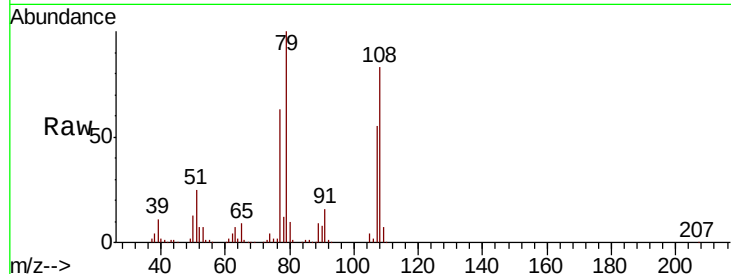
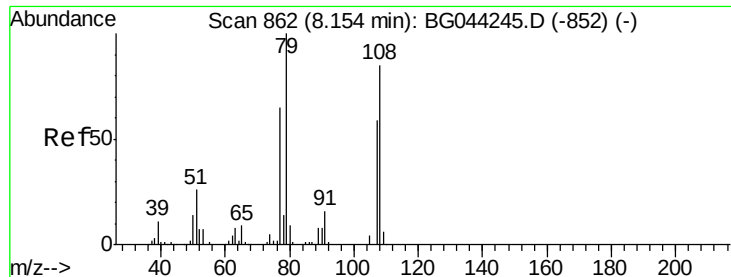
#14
 1,2-Dichlorobenzene
 Concen: 40.628 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:146 Resp: 226149
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.2 76.8
 111 42.3 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.829 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

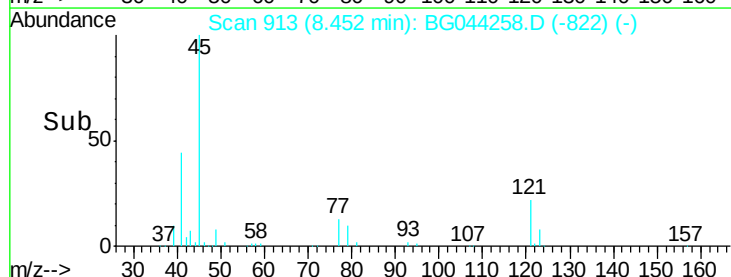
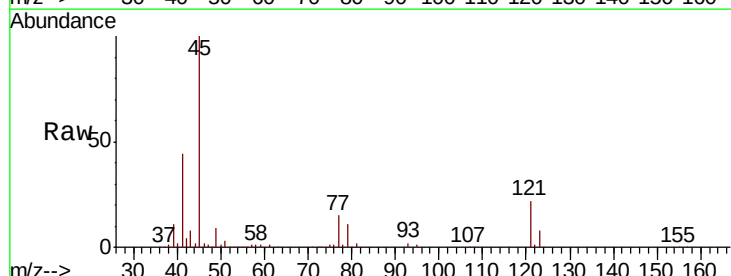
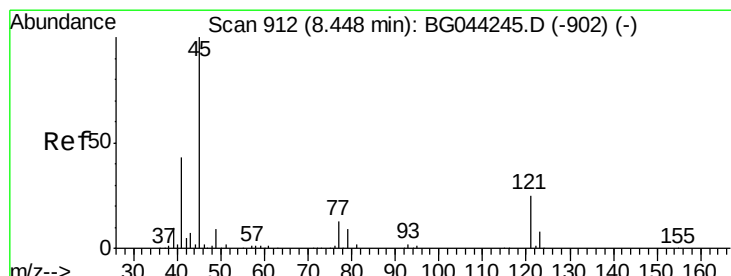
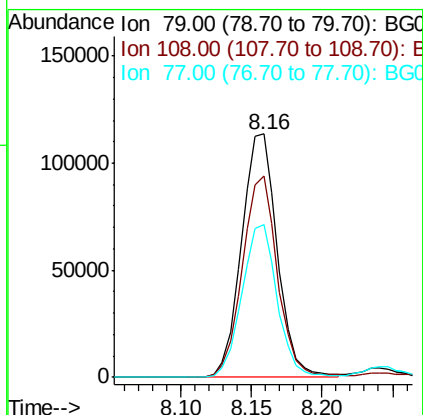
Tot Ion: 79 Resp: 201734

Ion Ratio Lower Upper

79 100

108 82.6 68.3 102.5

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.667 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

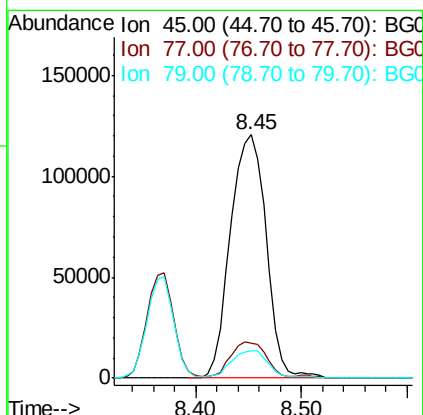
Tgt Ion: 45 Resp: 283373

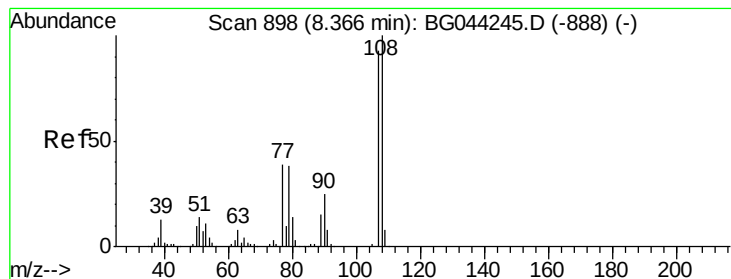
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.2

79 11.3 0.0 31.1





#17

2-Methylphenol

Concen: 50.148 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 215463

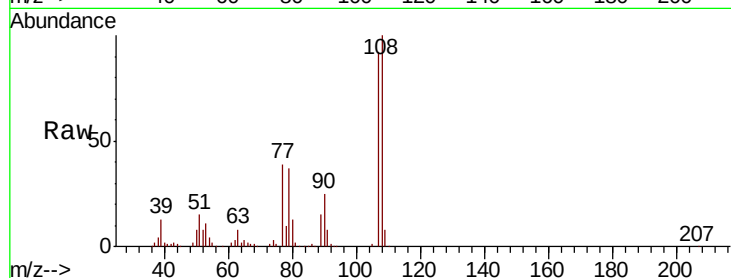
Ion Ratio Lower Upper

107 100

108 109.0 86.4 129.6

77 42.5 34.0 51.0

79 40.7 32.9 49.3

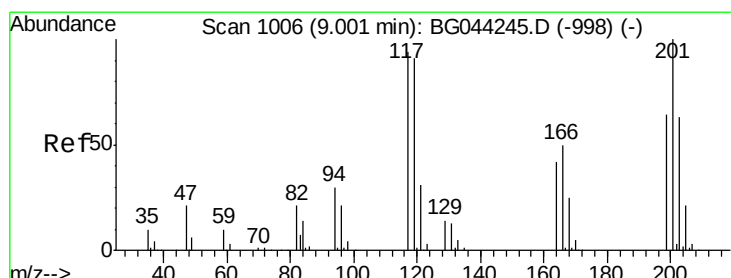
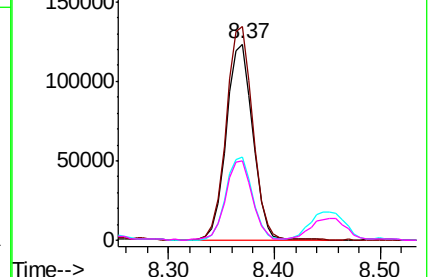
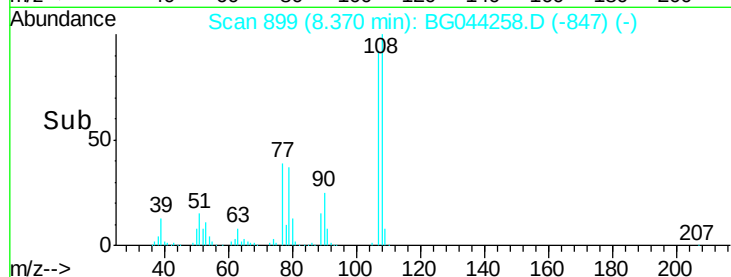


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.411 ng

RT: 9.00 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

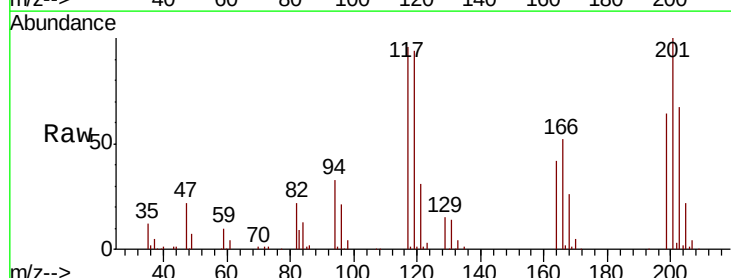
Tgt Ion:117 Resp: 87095

Ion Ratio Lower Upper

117 100

119 98.1 77.5 116.3

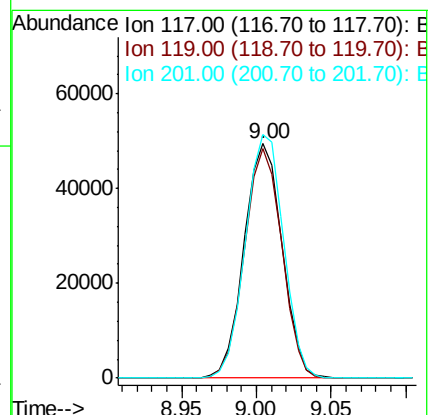
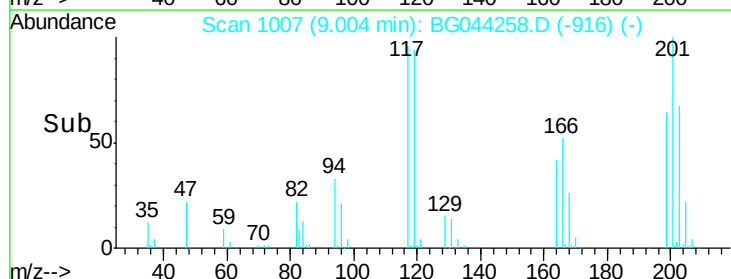
201 103.9 84.9 127.3

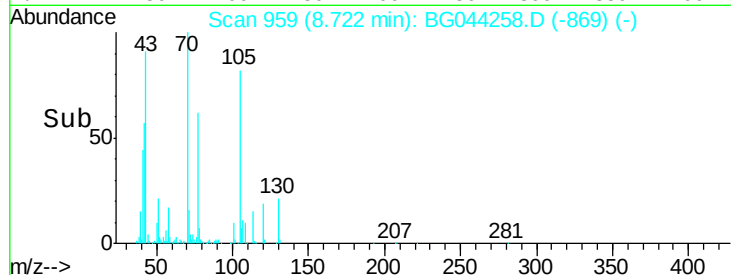
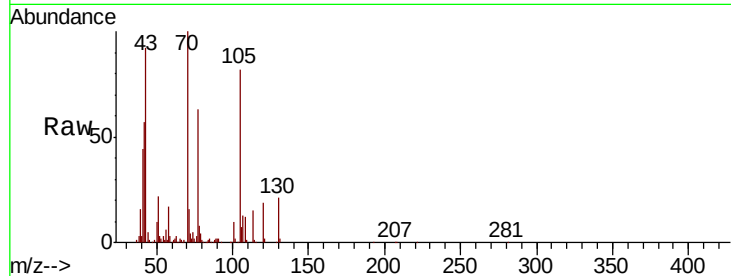
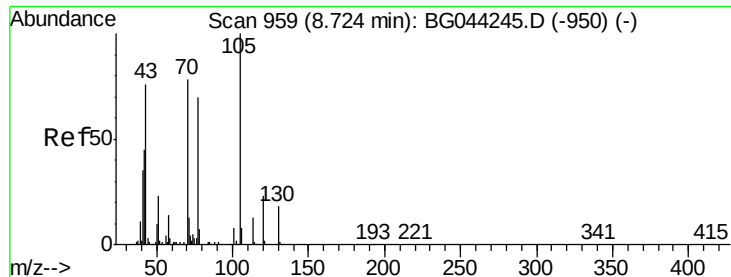


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

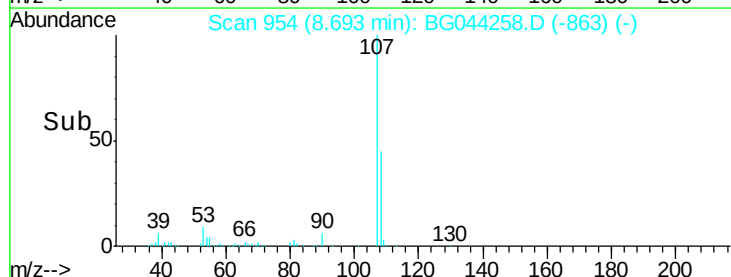
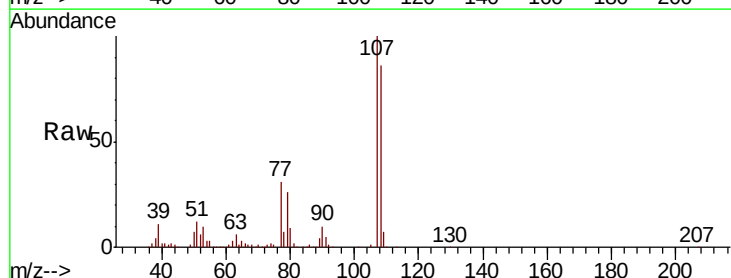
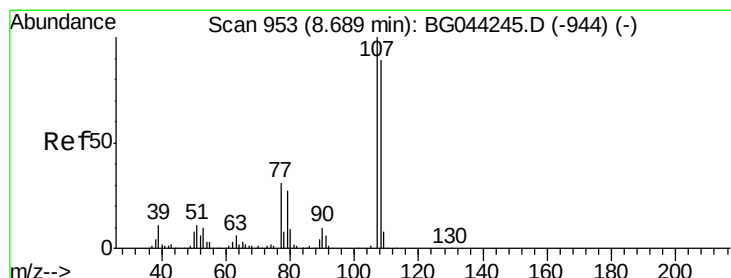
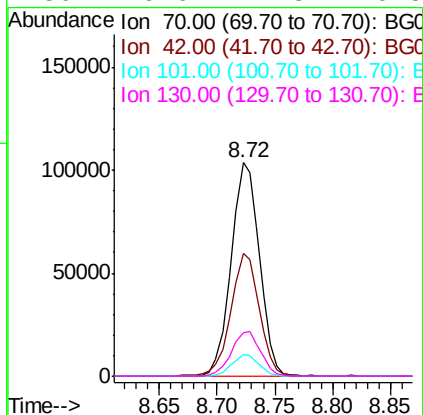




#19
n-Nitroso-di-n-propylamine
Concen: 43.304 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

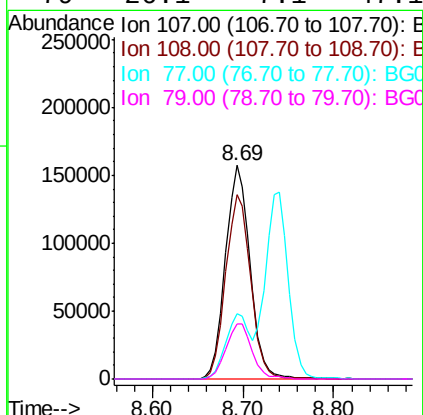
Instrument :
BNA_G
ClientSampleId :

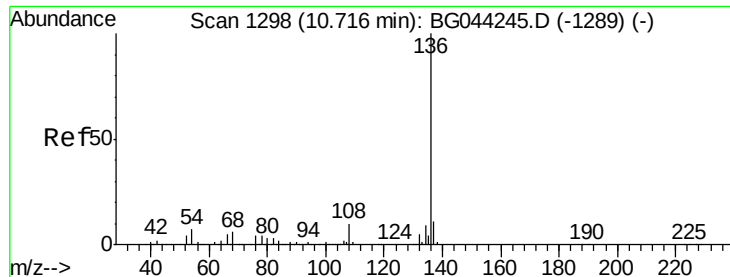
Tot Ion:	70	Resp:	175610
Ion	Ratio	Lower	Upper
70	100		
42	57.3	46.2	69.2
101	10.3	8.4	12.6
130	20.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 50.191 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:	107	Resp:	297194
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.5	108.5
77	30.5	10.9	50.9
79	26.1	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 355539

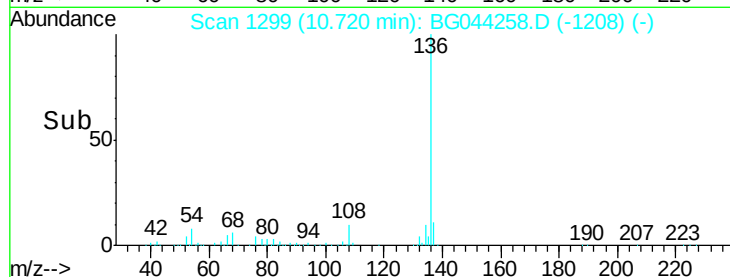
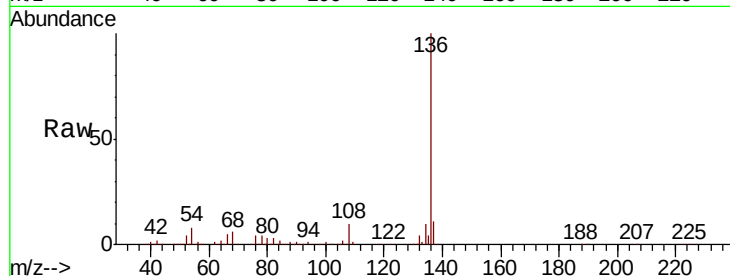
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.6 5.8 8.8

68 5.8 4.6 6.8

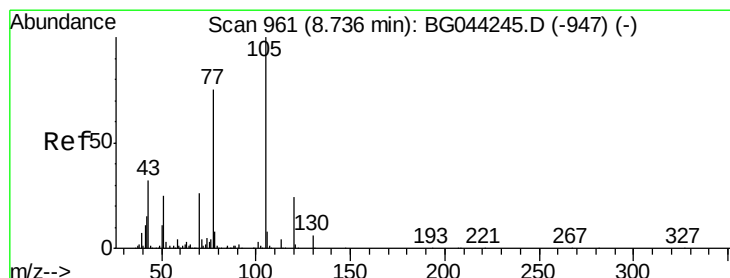
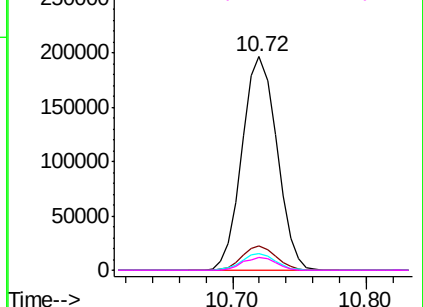


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.139 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Tgt Ion:105 Resp: 329868

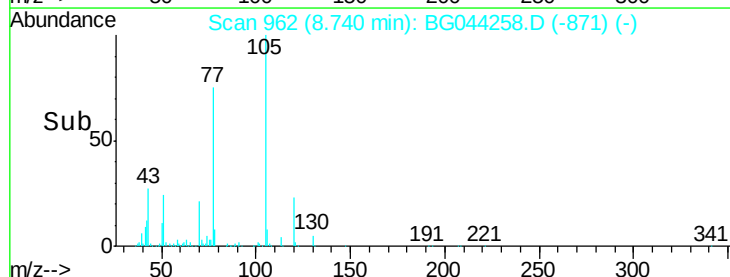
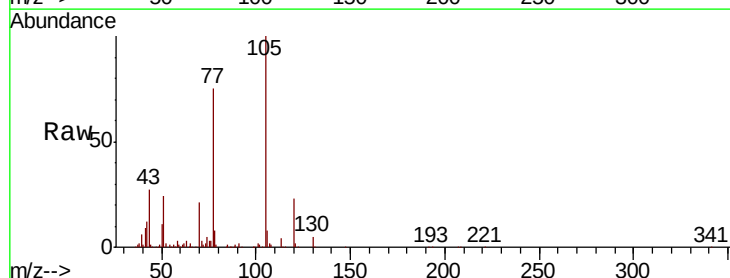
Ion Ratio Lower Upper

105 100

71 3.4 3.4 5.0

51 24.1 20.2 30.4

120 23.4 19.1 28.7

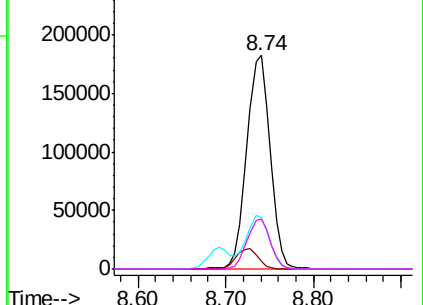


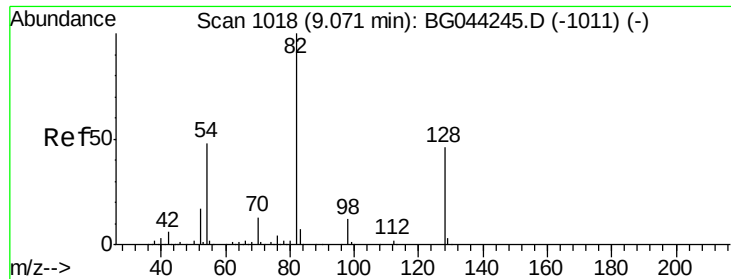
Abundance Ion 105.00 (104.70 to 105.70): E

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

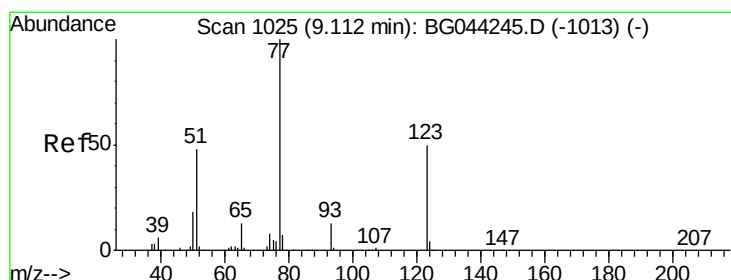
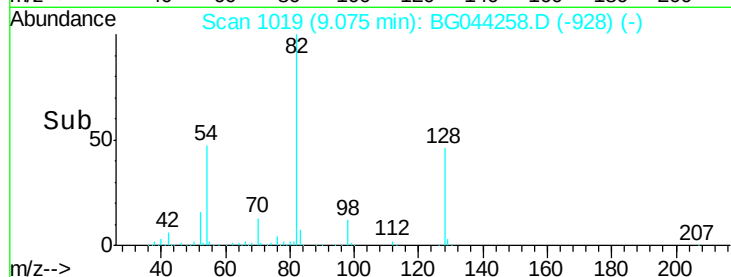
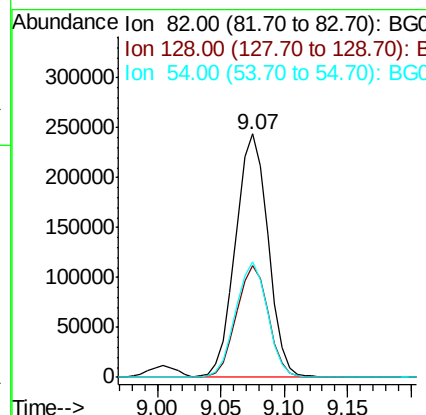
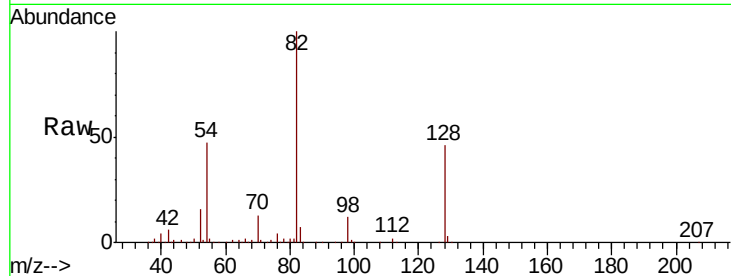




#23
 Nitrobenzene-d5
 Concen: 68.500 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

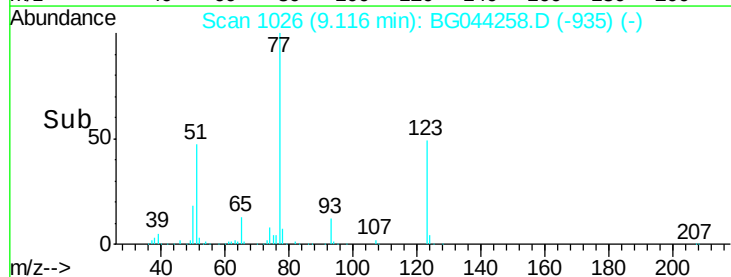
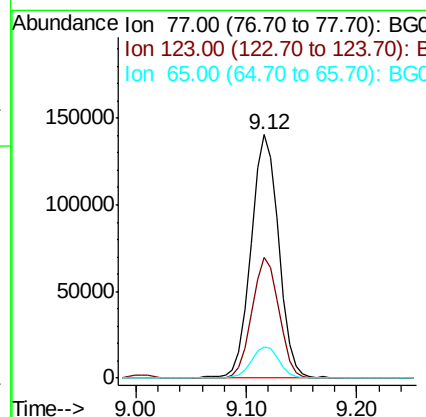
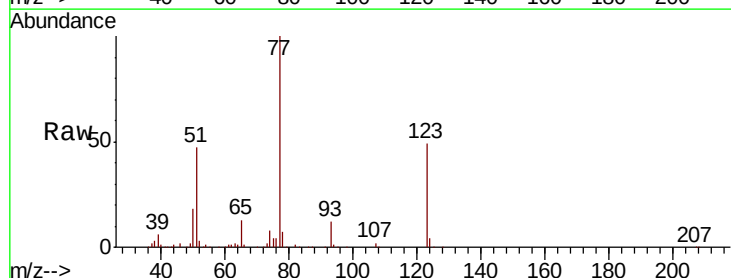
Instrument :
 BNA_G
 ClientSampleId :

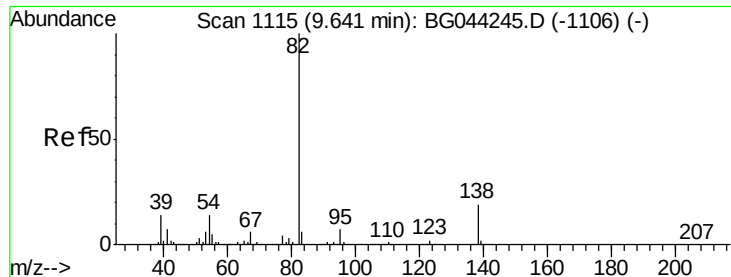
Tot Ion	82	Resp	431388
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	47.2	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.037 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion	77	Resp	246151
Ion Ratio	Lower	Upper	
77	100		
123	49.4	39.9	59.9
65	12.6	10.4	15.6

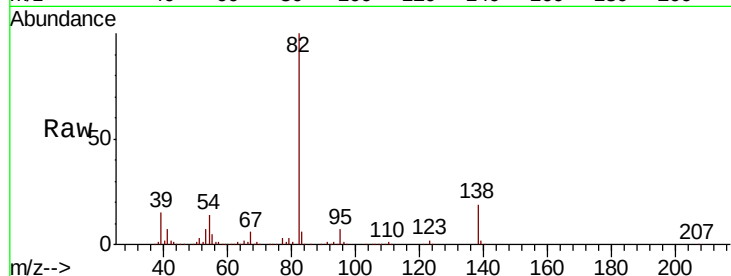




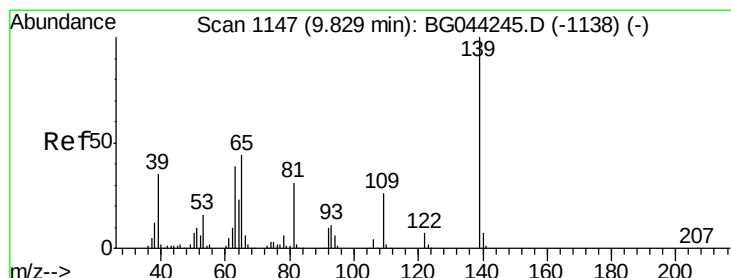
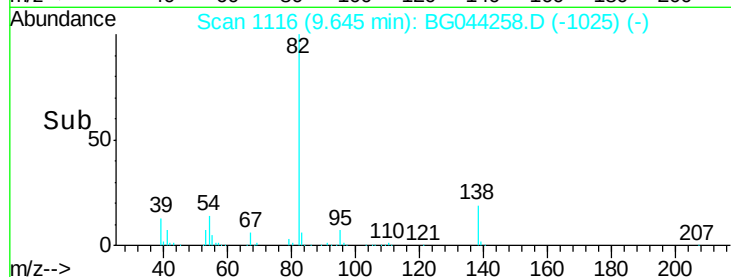
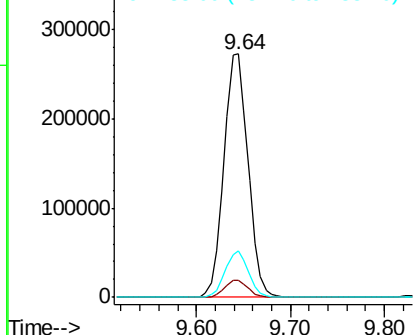
#25
Isophorone
Concen: 41.510 ng
RT: 9.64 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 487239
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 15.0 22.4

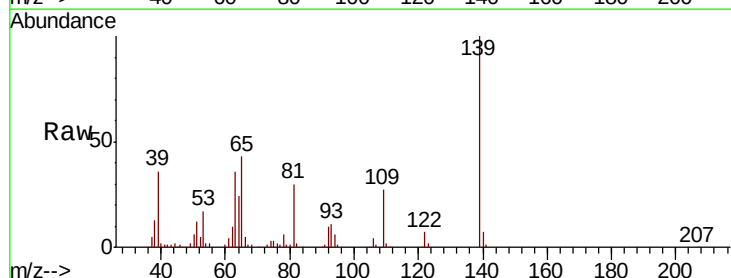


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

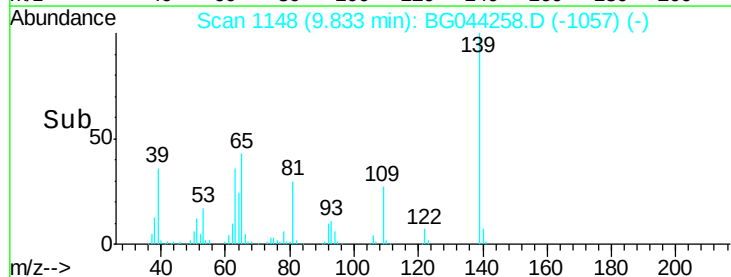
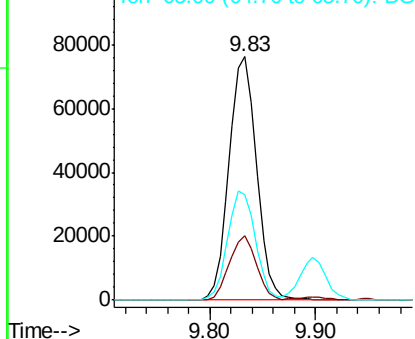


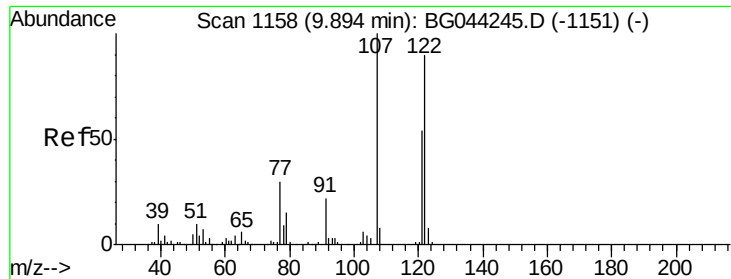
#26
2-Nitrophenol
Concen: 43.083 ng
RT: 9.83 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion: 139 Resp: 137439
Ion Ratio Lower Upper
139 100
109 26.7 21.0 31.4
65 43.5 35.0 52.4



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

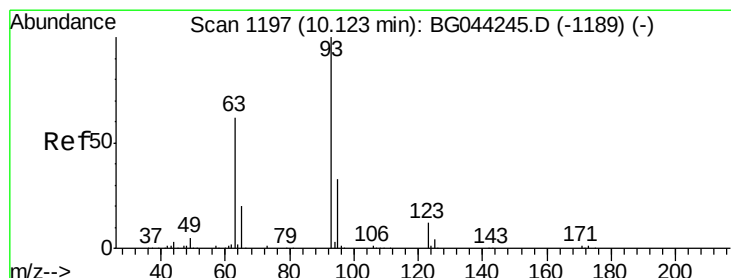
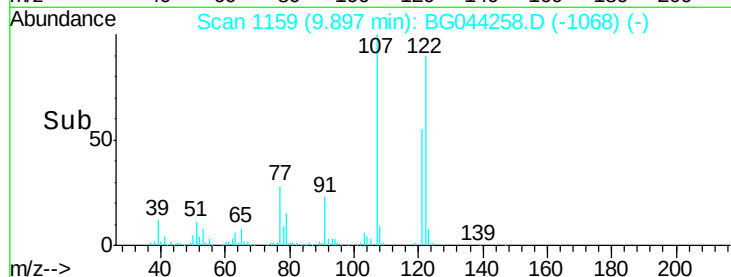
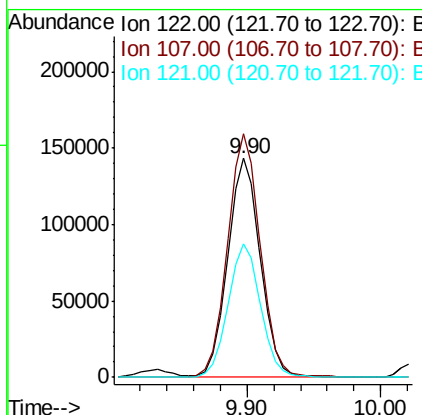
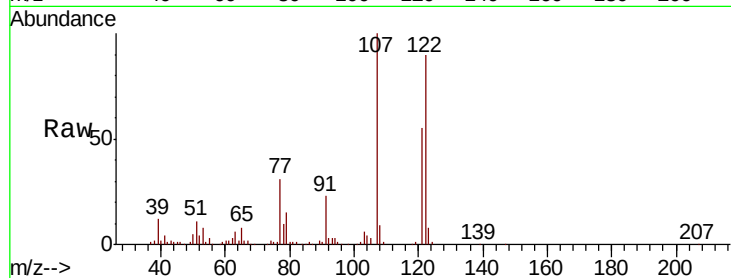




#27
 2,4-Dimethylphenol
 Concen: 53.792 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

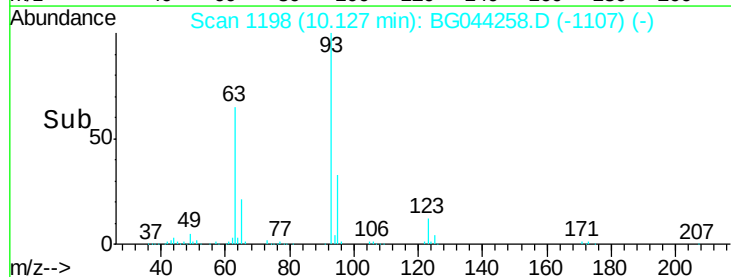
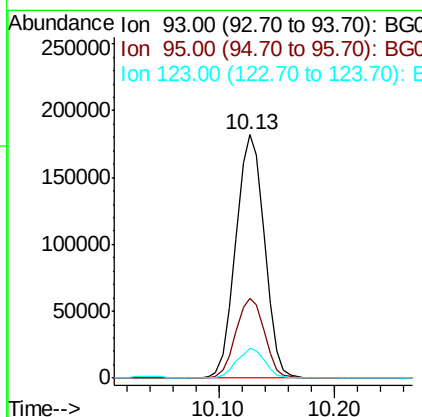
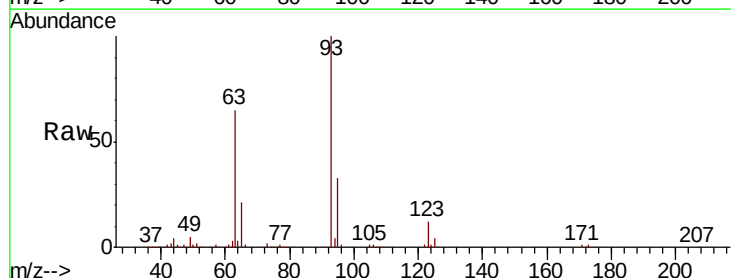
Instrument :
 BNA_G
 ClientSampleId :

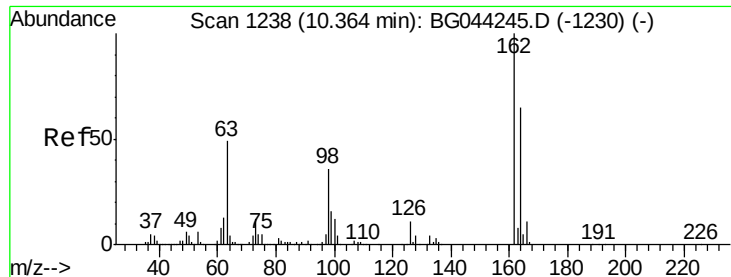
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.8	133.2
121	61.1	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.947 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	12.5	10.0	15.0

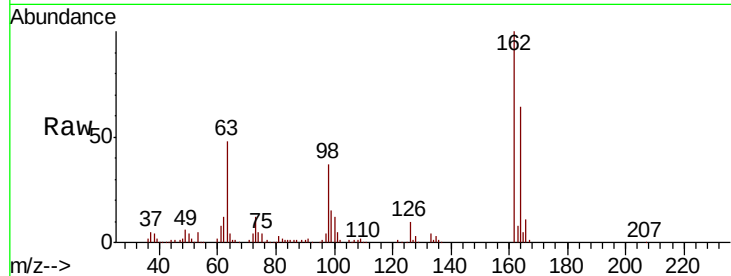




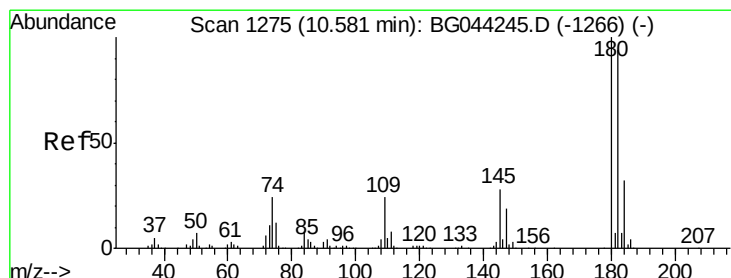
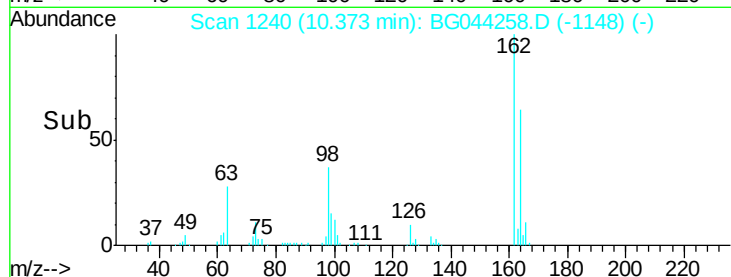
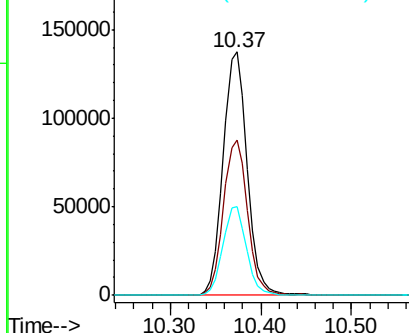
#29
2,4-Dichlorophenol
Concen: 46.690 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.7	84.7
98	36.6	15.8	55.8

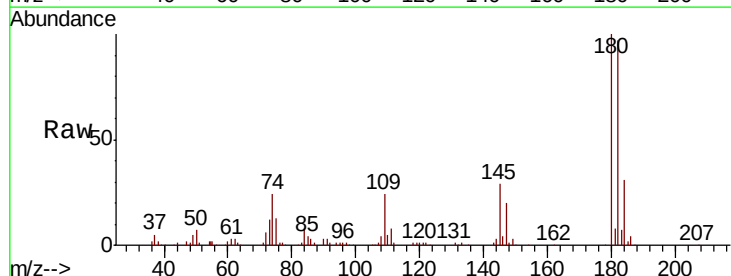


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

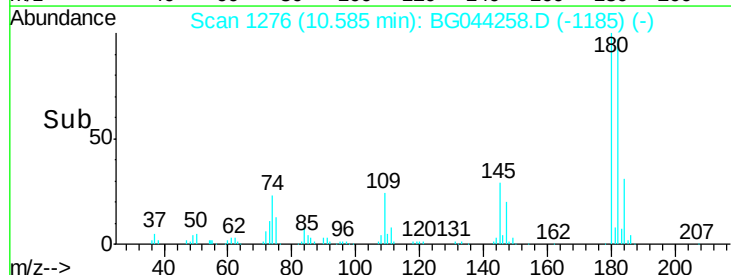
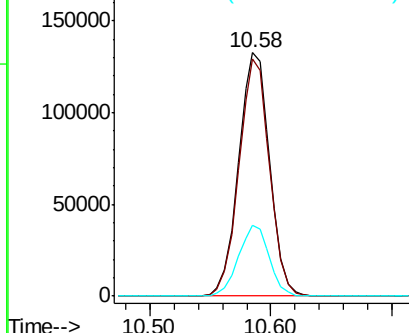


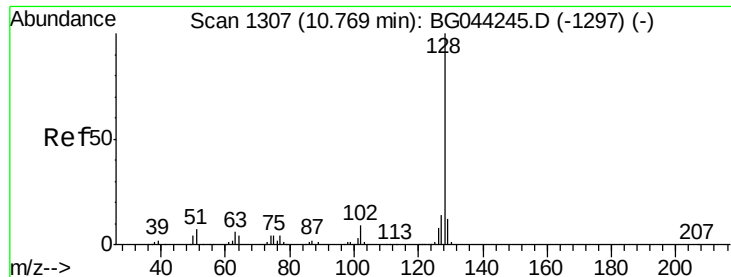
#30
1,2,4-Trichlorobenzene
Concen: 37.818 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.5	113.3
145	28.9	22.6	34.0



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

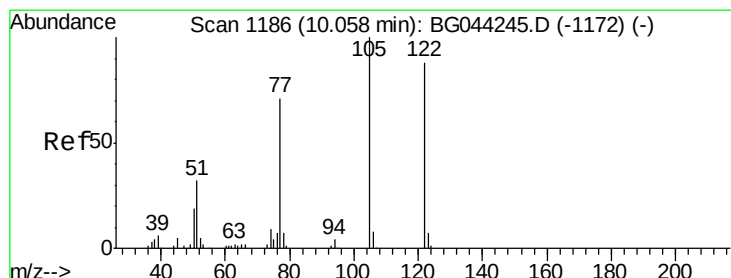
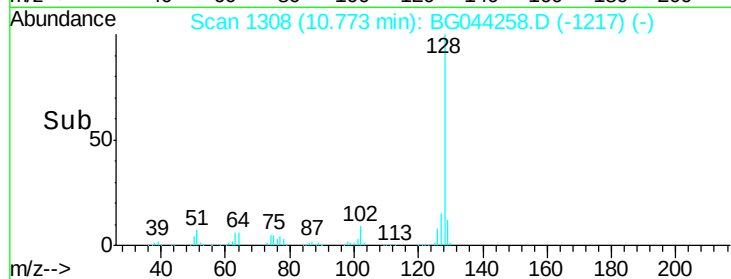
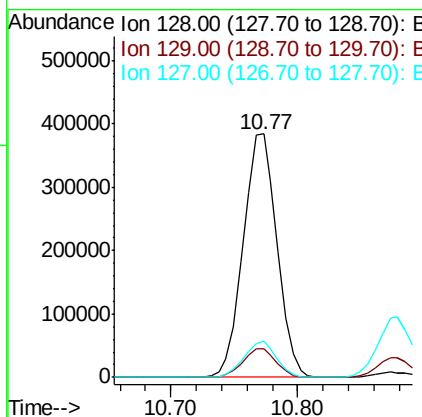
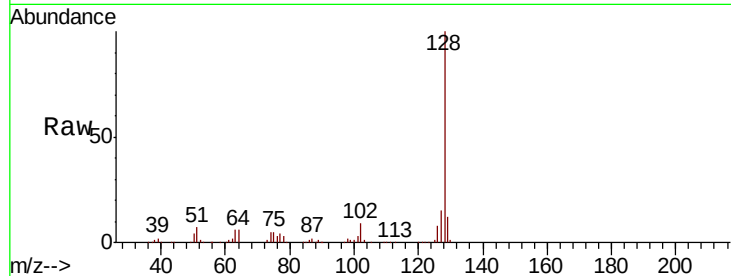




#31
Naphthalene
Concen: 41.144 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

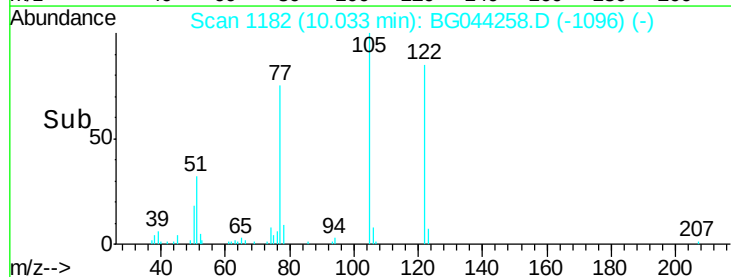
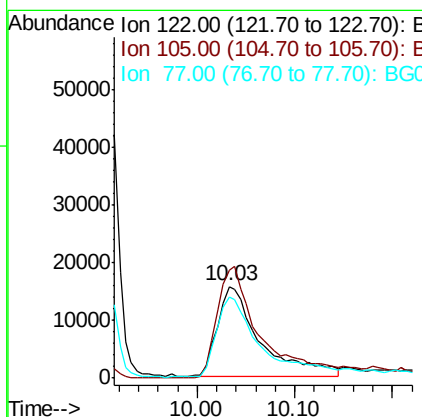
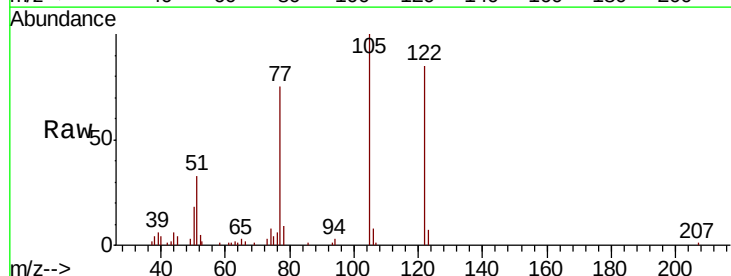
Instrument :
BNA_G
ClientSampleId :

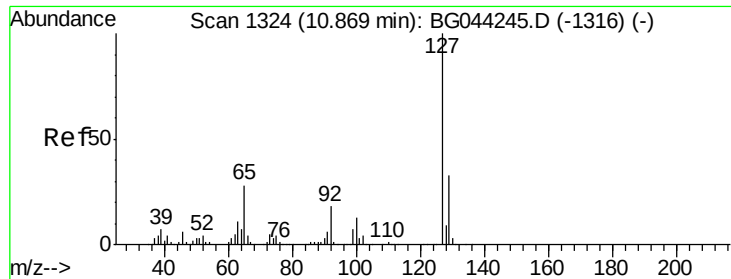
Tot Ion:128 Resp: 709729
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 25.515 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:122 Resp: 47744
Ion Ratio Lower Upper
122 100
105 118.3 93.5 133.5
77 88.9 61.0 101.0

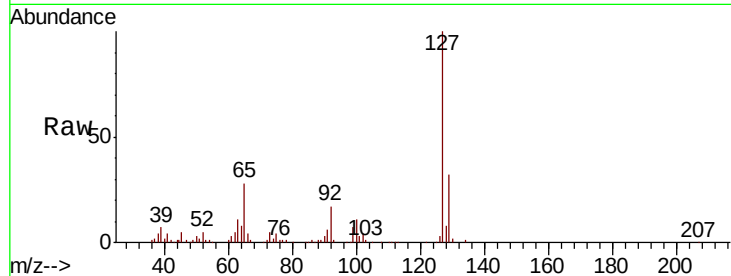




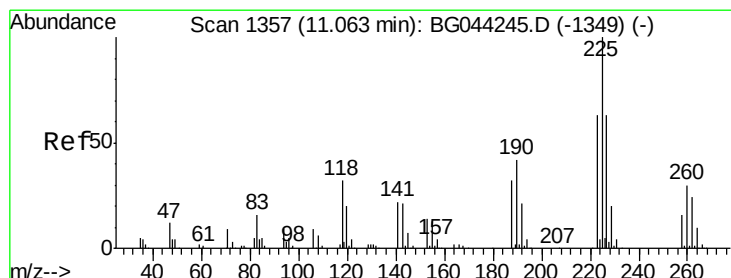
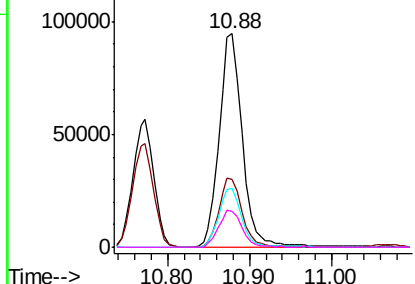
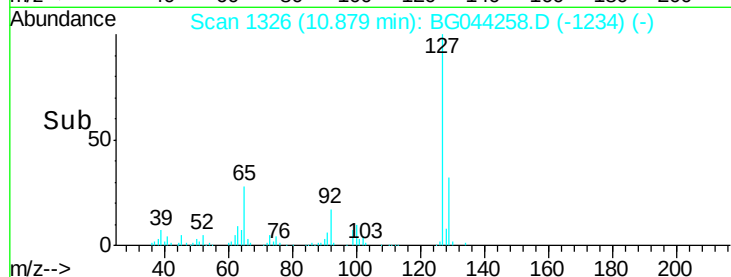
#33
4-Chloroaniline
Concen: 23.922 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	187673
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.6 40.0
65	27.9	22.5 33.7
92	17.1	14.1 21.1

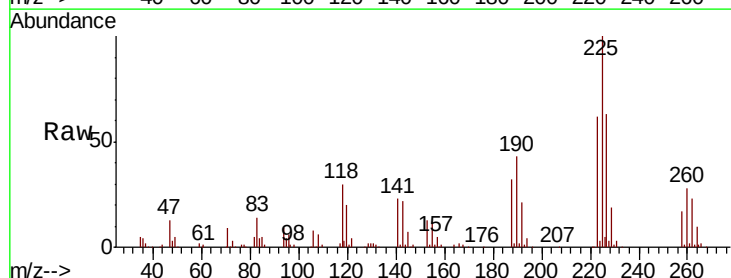


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

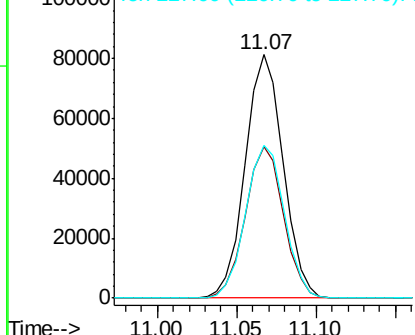
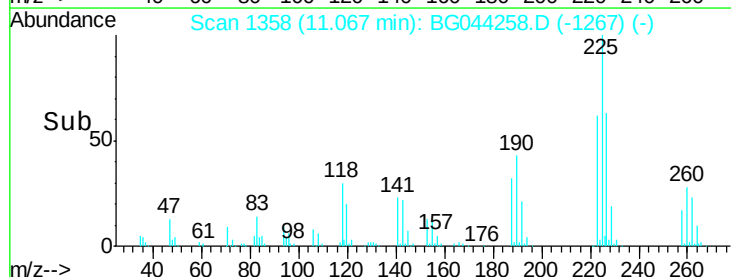


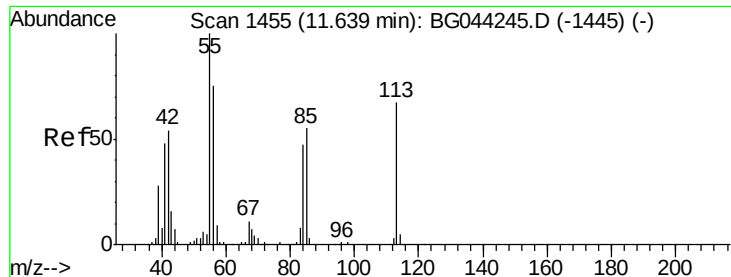
#34
Hexachlorobutadiene
Concen: 35.195 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:225	Resp:	135215
Ion Ratio	Lower	Upper
225	100	
223	62.1	50.2 75.4
227	62.8	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: 27.534 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

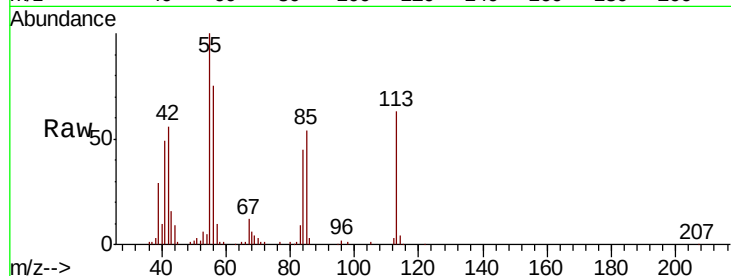
Tot Ion:113 Resp: 54921

Ion Ratio Lower Upper

113 100

55 158.5 129.9 169.9

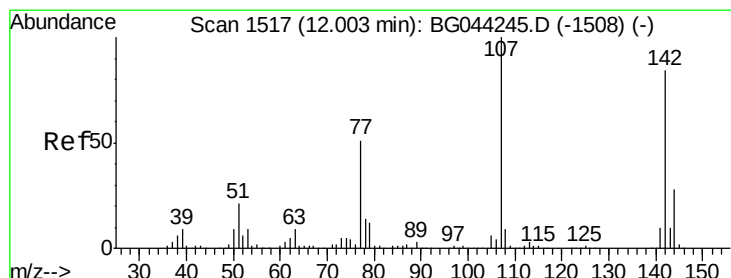
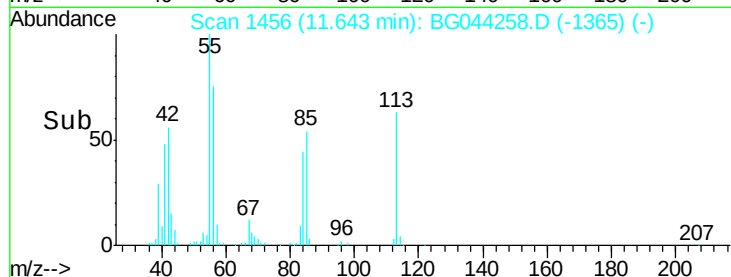
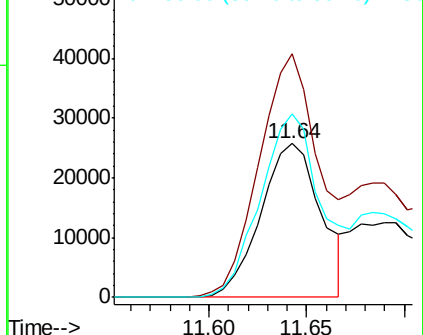
56 119.1 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.603 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

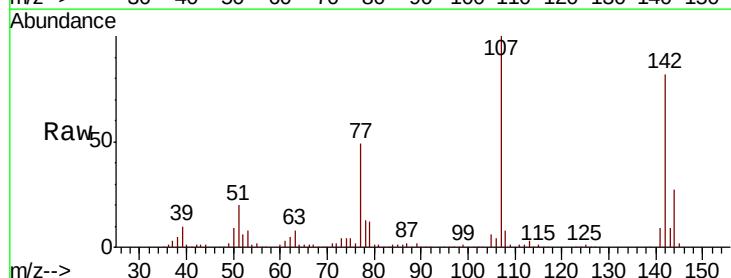
Tgt Ion:107 Resp: 283180

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.4

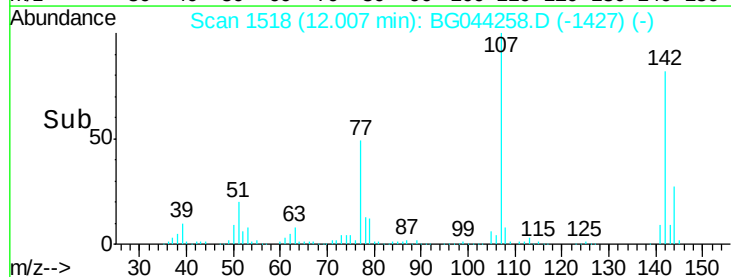
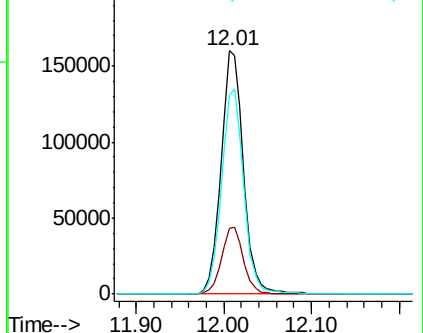
142 81.8 67.4 101.0

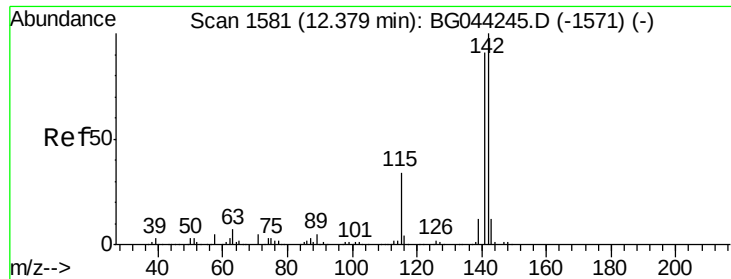


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

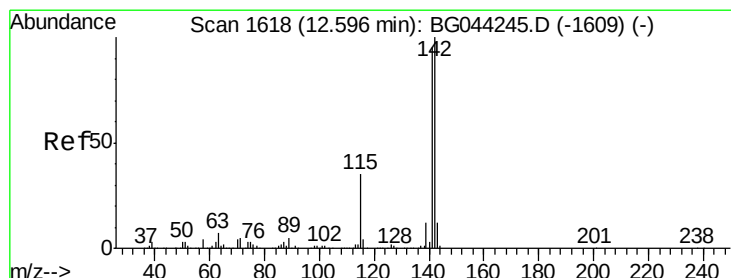
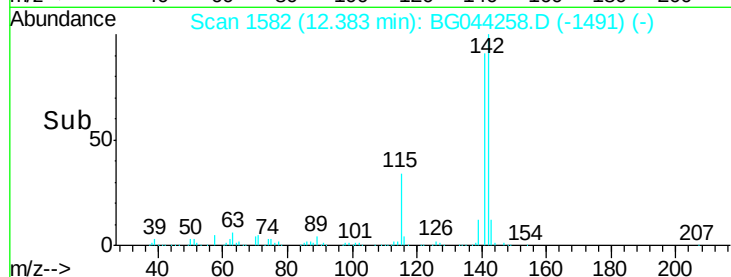
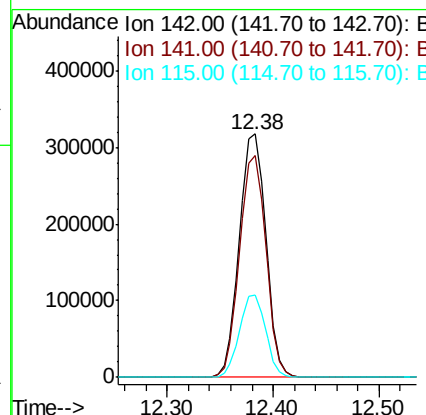
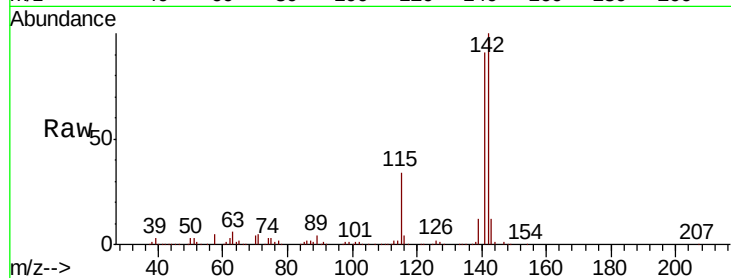




#37
2-Methylnaphthalene
Concen: 43.131 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

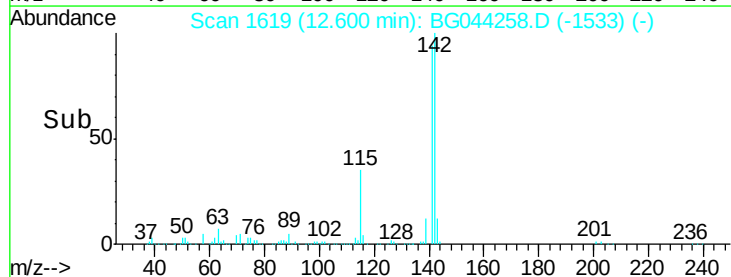
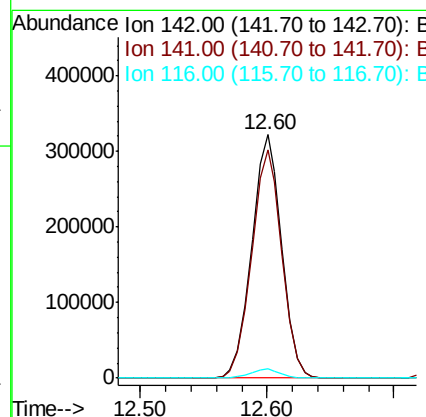
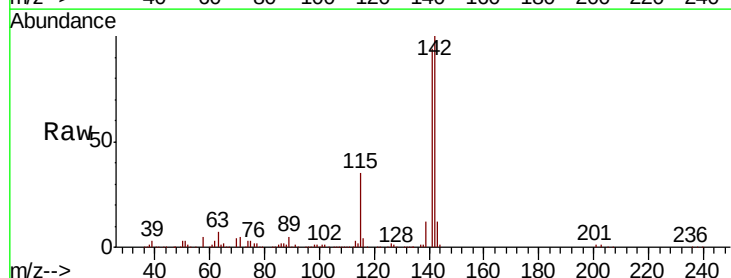
Instrument :
BNA_G
ClientSampleId :

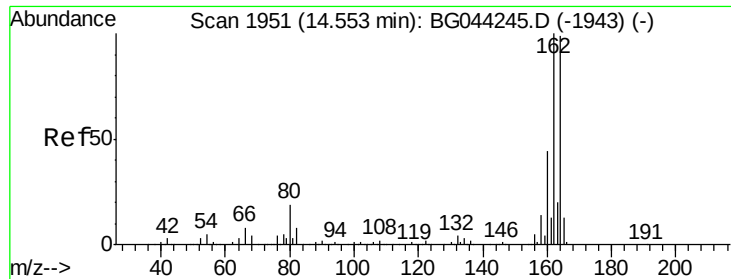
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
115	33.6	27.1	40.7



#38
1-Methylnaphthalene
Concen: 43.576 ng
RT: 12.60 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044258.D

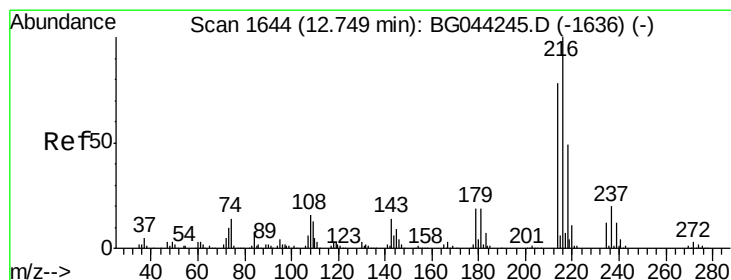
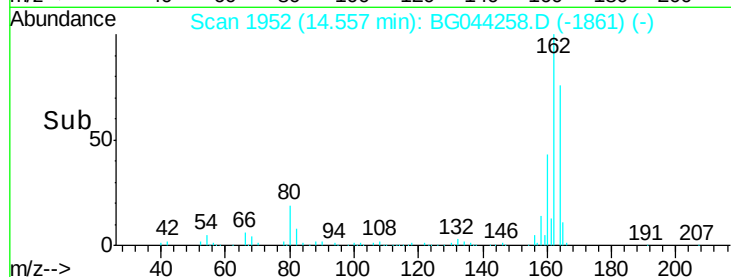
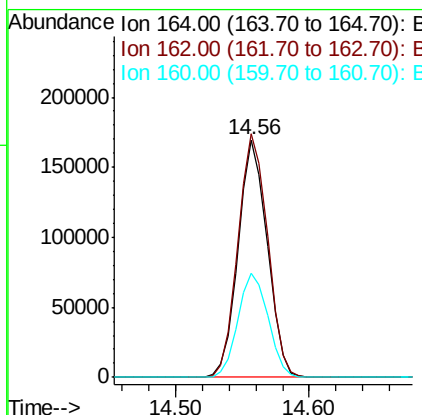
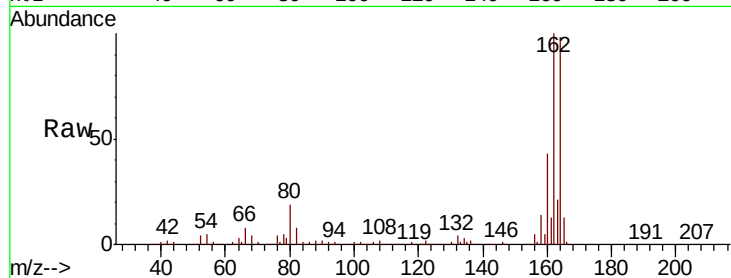
Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	254697
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	43.8	35.3	52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.607 ng

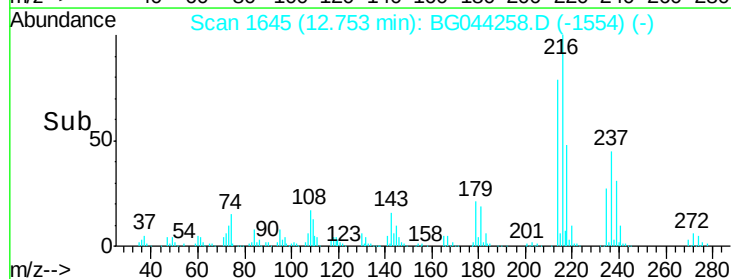
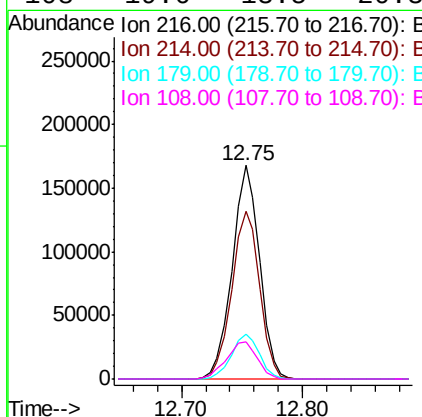
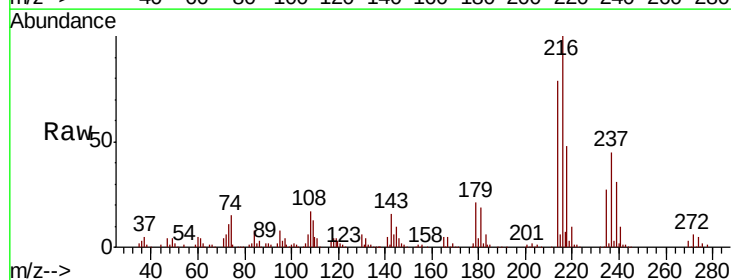
RT: 12.75 min Scan# 1645

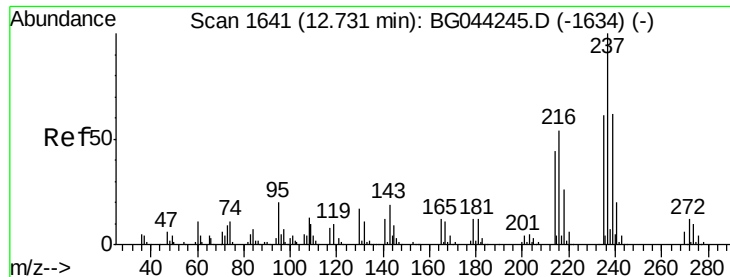
Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Tgt Ion:	216	Resp:	263668
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.6
179	21.3	16.2	24.4
108	19.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 83.451 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

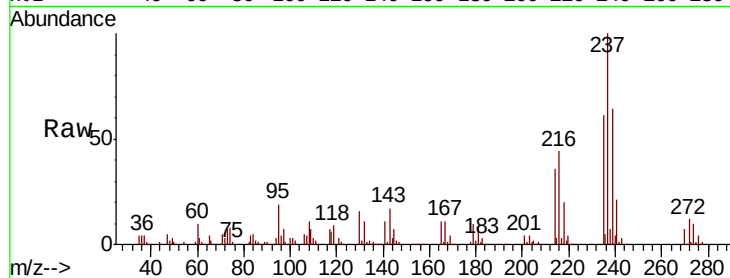
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 305076

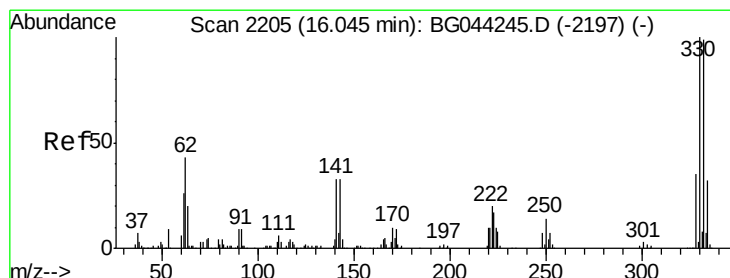
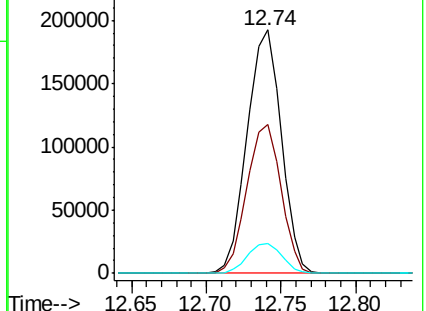
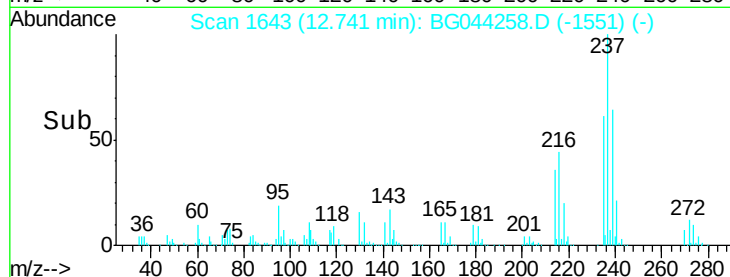
Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.2	81.2
272	12.4	0.0	32.4



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: 116.887 ng

RT: 16.05 min Scan# 2206

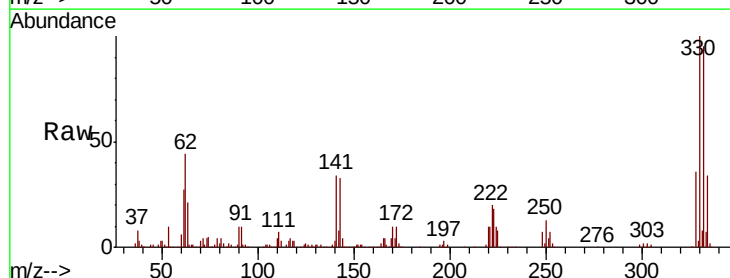
Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Tgt Ion:330 Resp: 349493

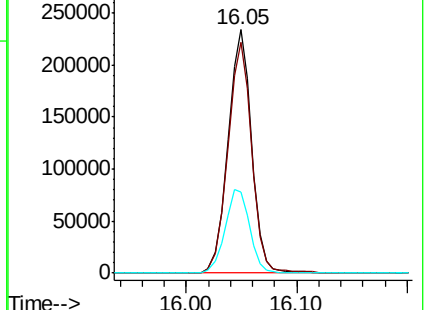
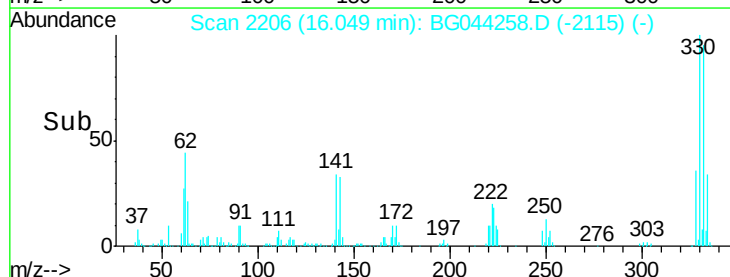
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	36.2	28.3	42.5

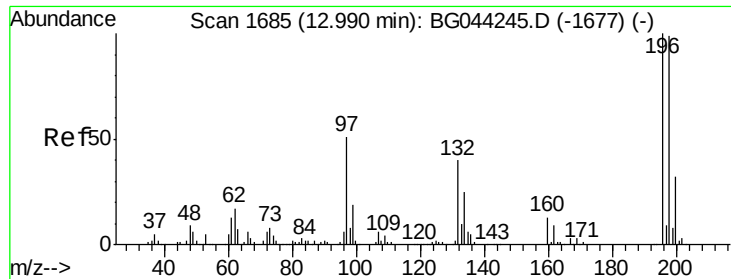


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

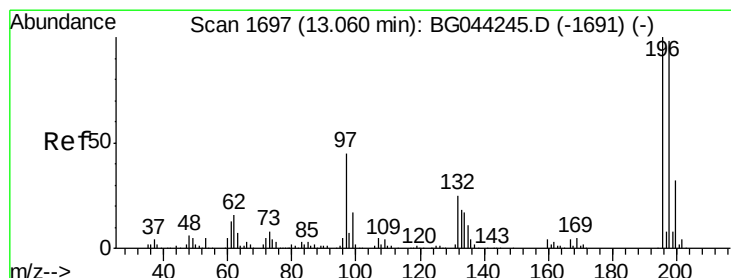
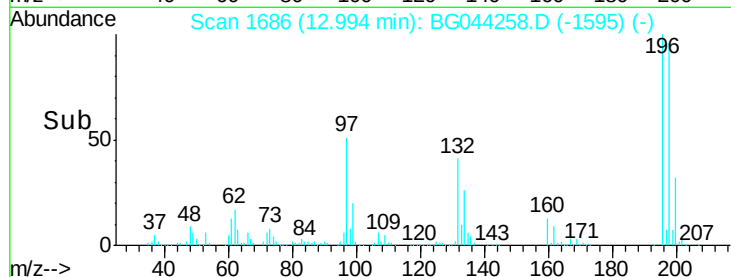
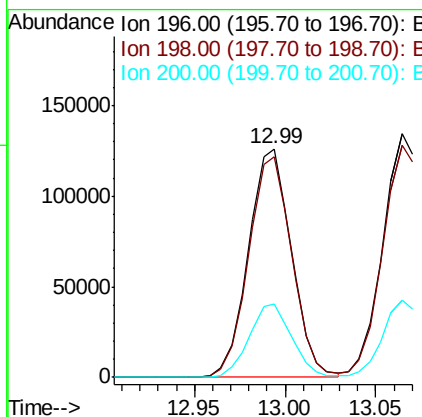
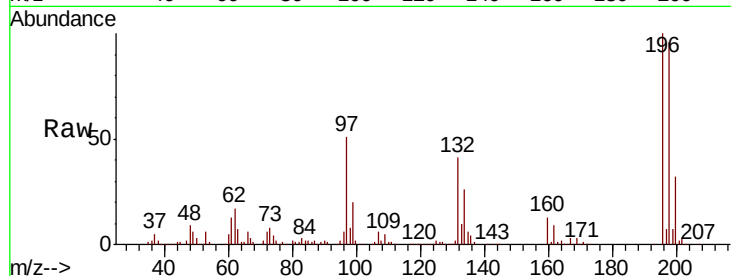




#43
 2,4,6-Trichlorophenol
 Concen: 42.187 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

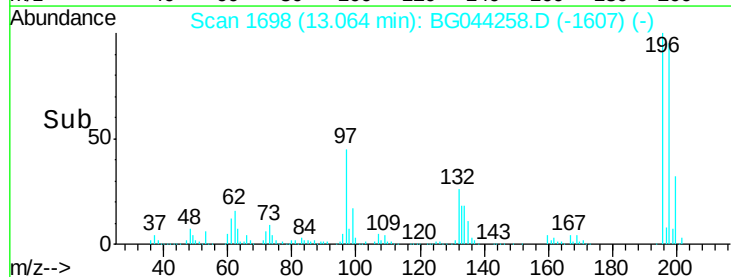
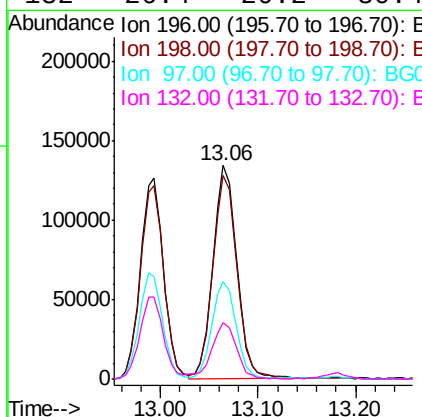
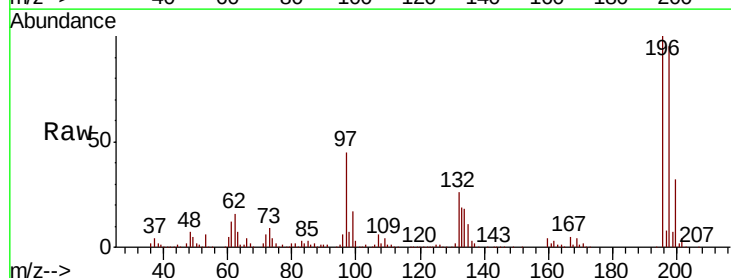
Instrument :
 BNA_G
 ClientSampled :

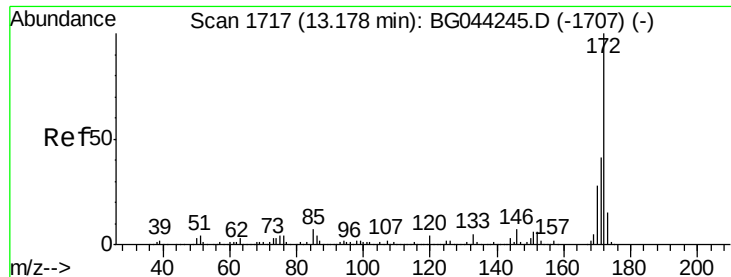
Tot Ion:196 Resp: 207756
 Ion Ratio Lower Upper
 196 100
 198 96.5 79.3 118.9
 200 32.3 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.334 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:196 Resp: 228030
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.2 117.2
 97 45.3 36.2 54.4
 132 26.4 20.2 30.4

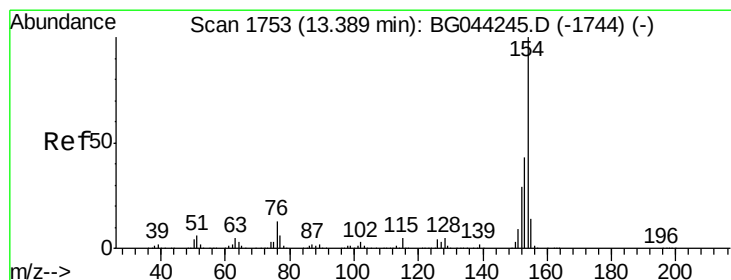
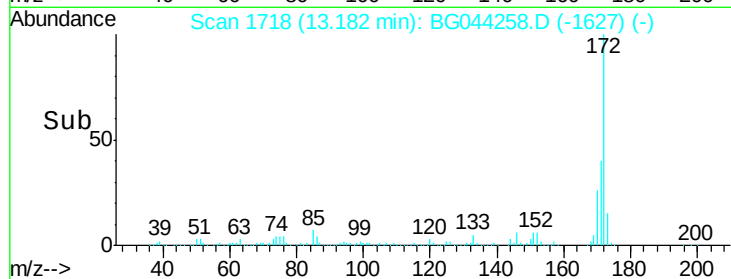
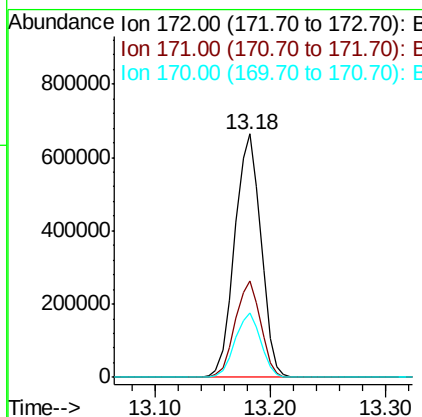
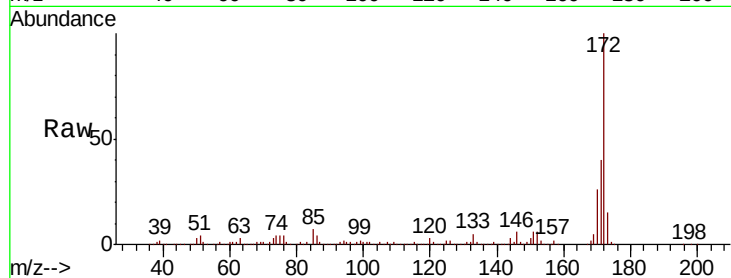




#45
2-Fluorobiphenyl
Concen: 68.408 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

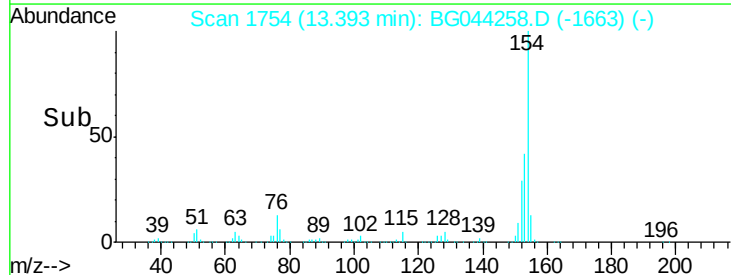
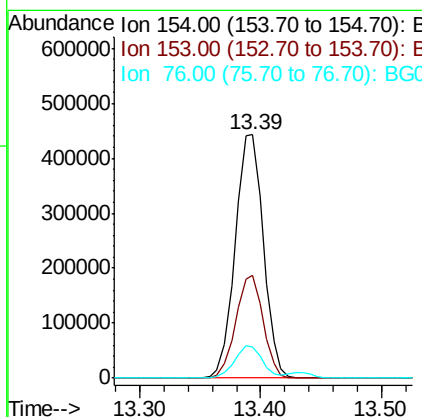
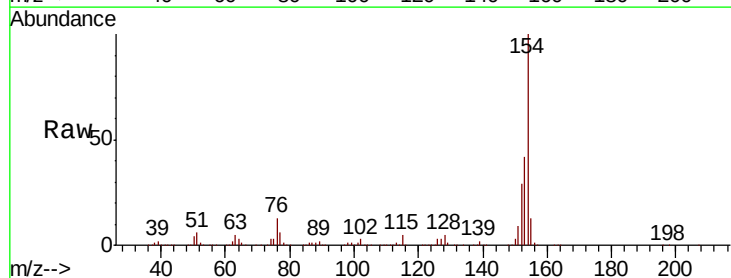
Instrument :
BNA_G
ClientSampleId :

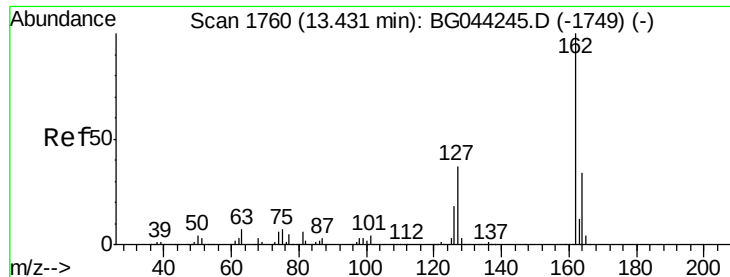
Tot Ion:172 Resp: 1040478
Ion Ratio Lower Upper
172 100
171 39.8 32.9 49.3
170 26.5 22.0 33.0



#46
1,1'-Biphenyl
Concen: 39.234 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:154 Resp: 720796
Ion Ratio Lower Upper
154 100
153 42.3 22.7 62.7
76 12.9 0.0 32.9

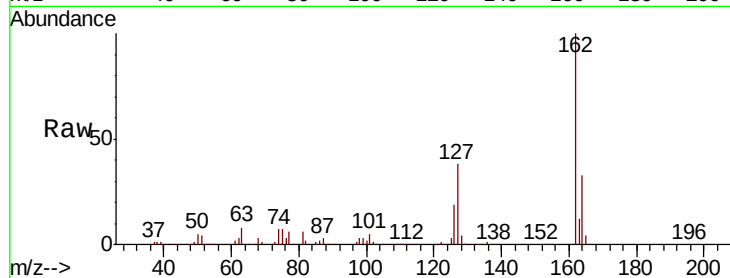




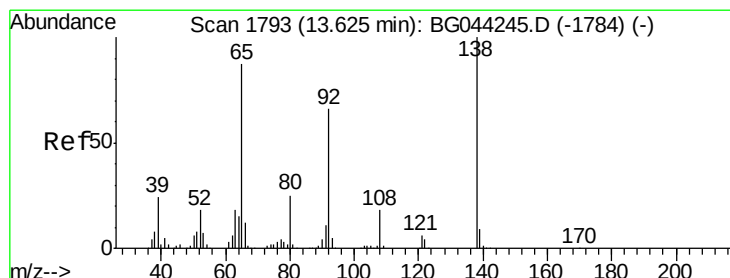
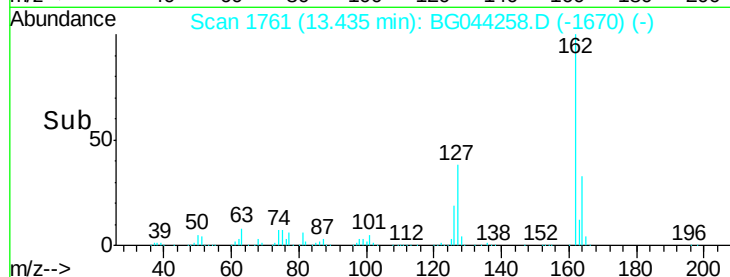
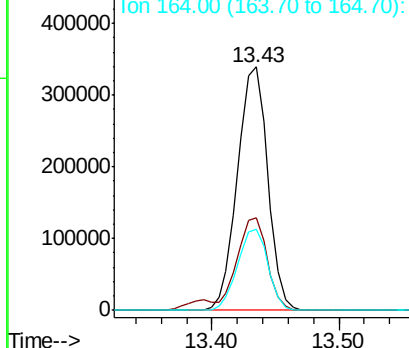
#47
 2-Chloronaphthalene
 Concen: 38.507 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.0	45.0
164	33.5	27.2	40.8

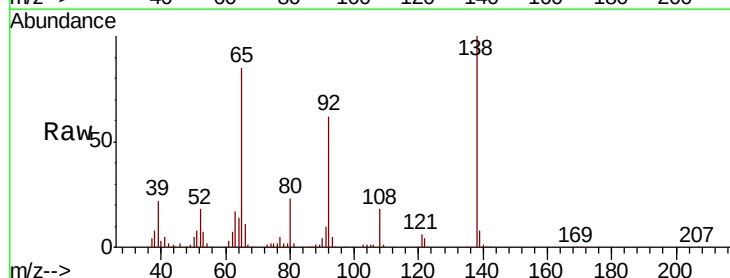


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

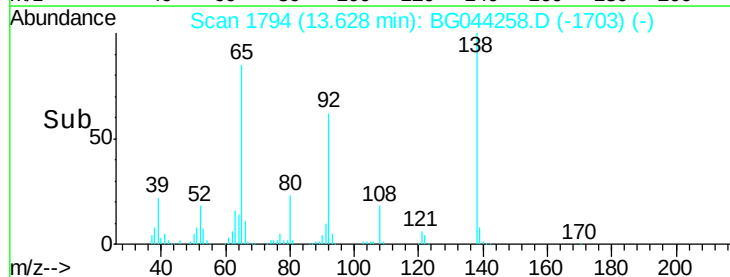
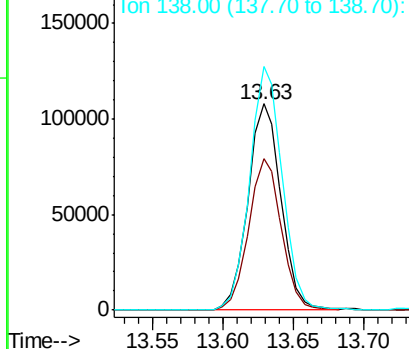


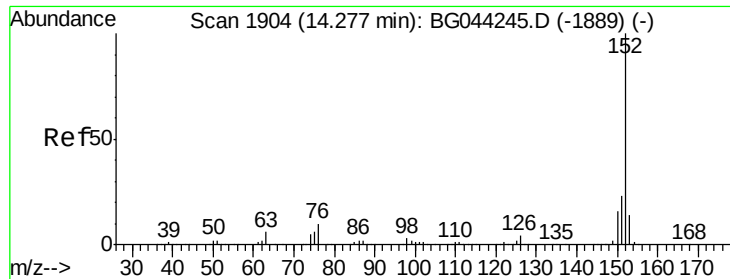
#48
 2-Nitroaniline
 Concen: 41.076 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	60.3	90.5
138	118.0	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: 42.638 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

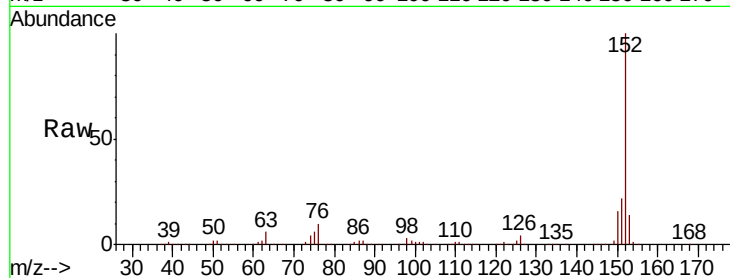
Tot Ion:152 Resp: 914269

Ion Ratio Lower Upper

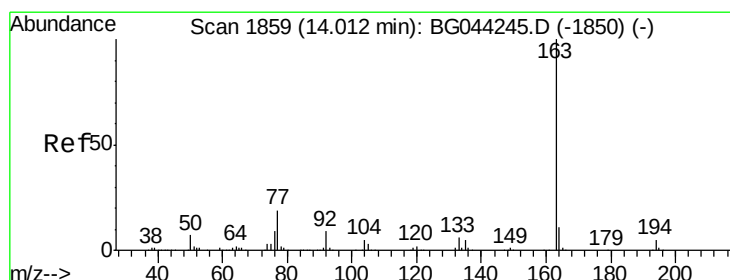
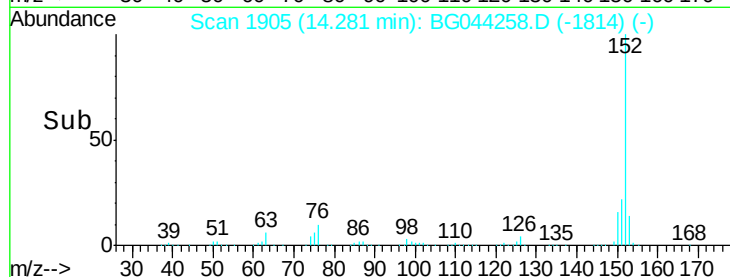
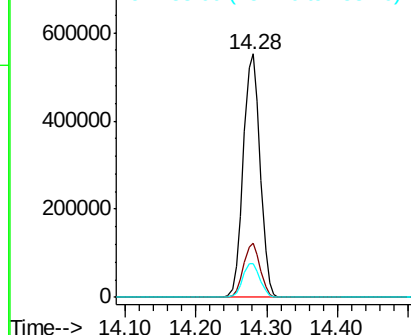
152 100

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: 40.971 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

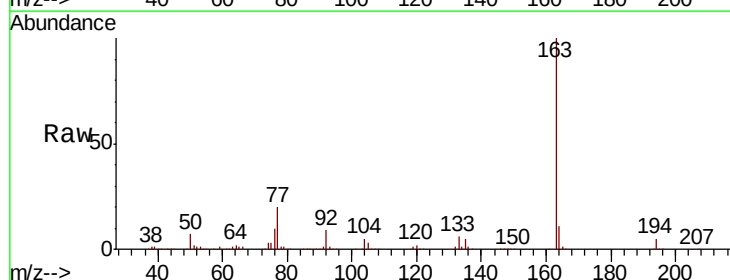
Tgt Ion:163 Resp: 750120

Ion Ratio Lower Upper

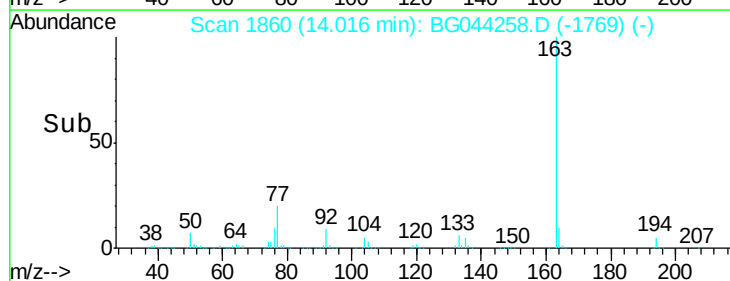
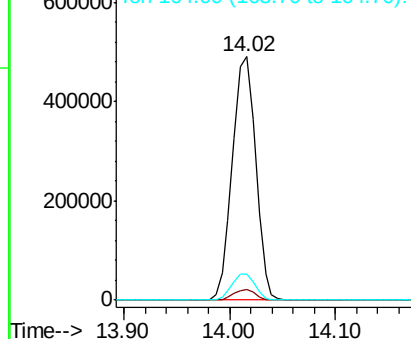
163 100

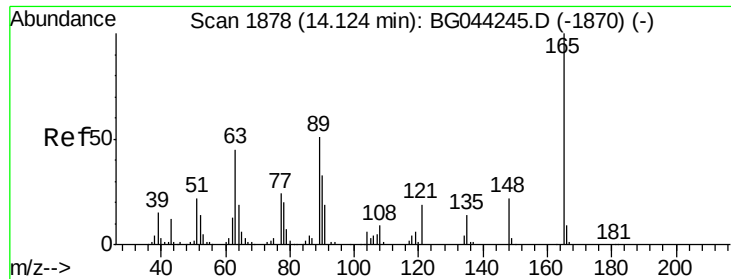
194 4.5 3.6 5.4

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

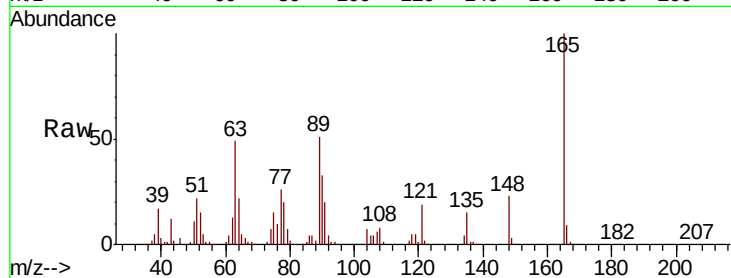




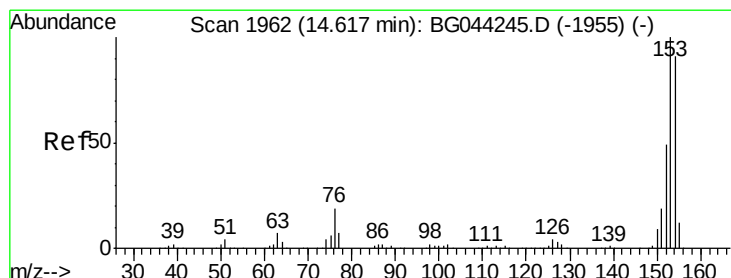
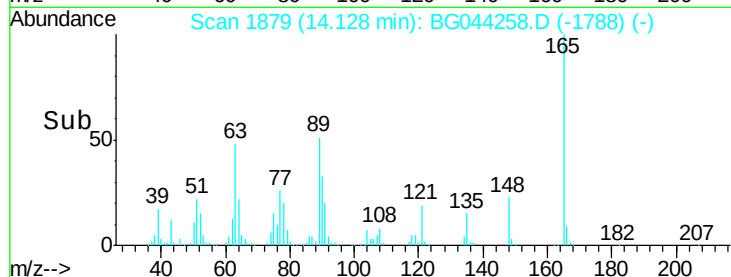
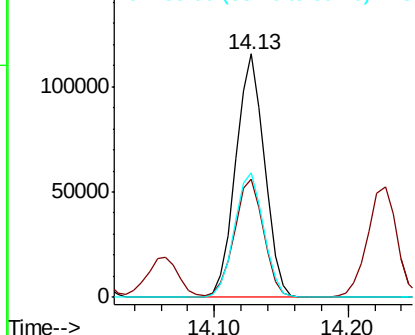
#51
 2,6-Dinitrotoluene
 Concen: 42.192 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 172236
 Ion Ratio Lower Upper
 165 100
 63 48.5 38.7 58.1
 89 51.1 40.4 60.6

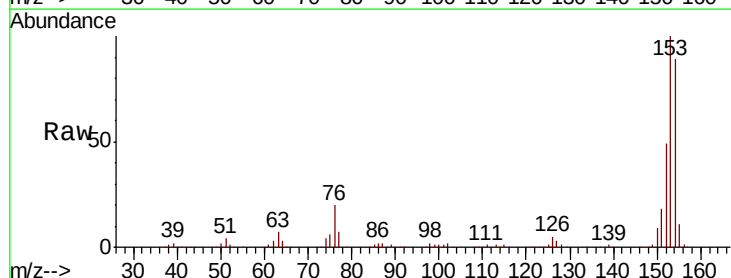


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

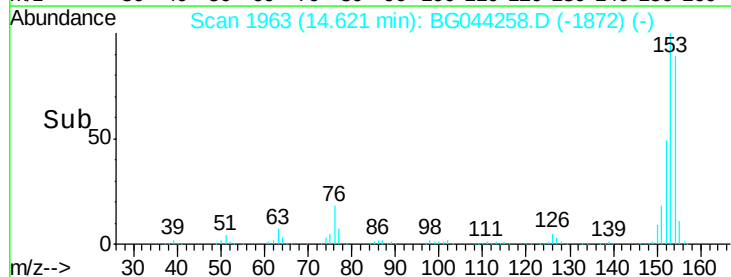
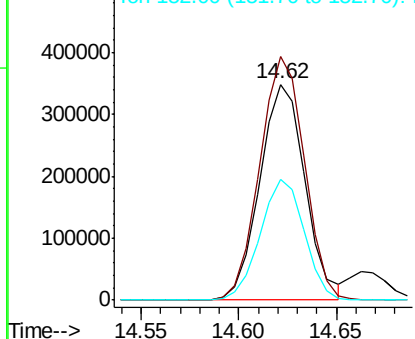


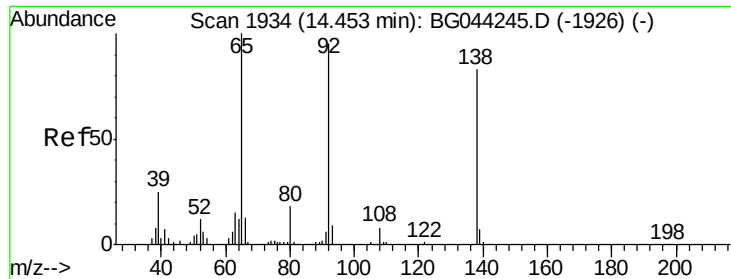
#52
 Acenaphthene
 Concen: 40.187 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:154 Resp: 558528
 Ion Ratio Lower Upper
 154 100
 153 112.9 87.9 131.9
 152 55.8 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.549 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

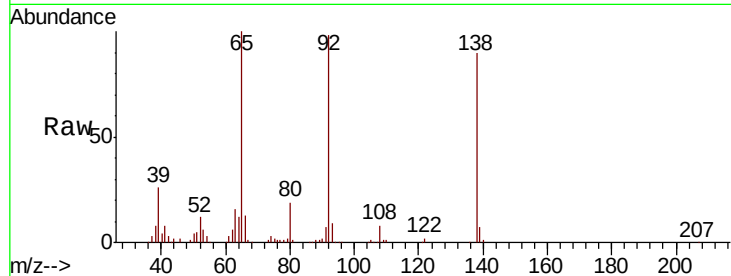
Tot Ion:138 Resp: 128935

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

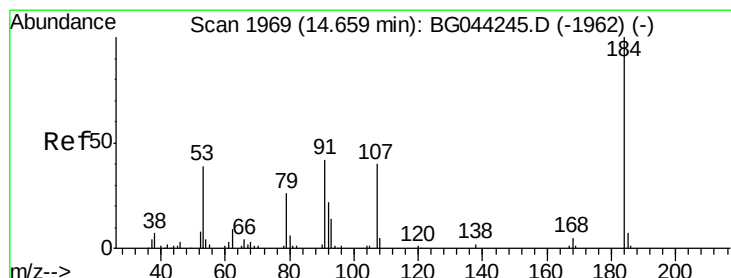
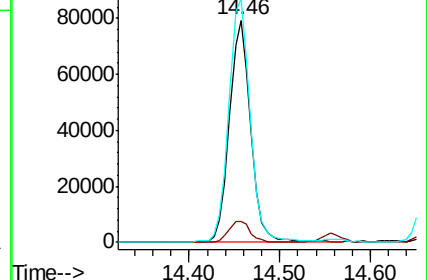
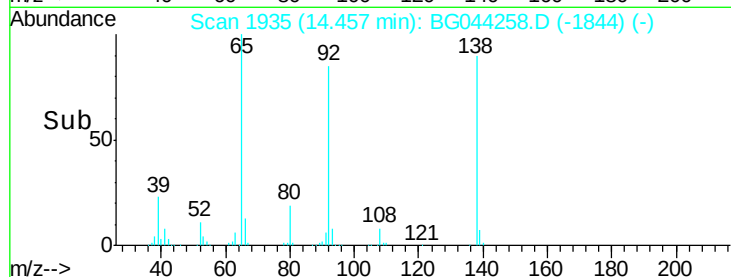
92 109.4 91.0 136.4



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: 58.247 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

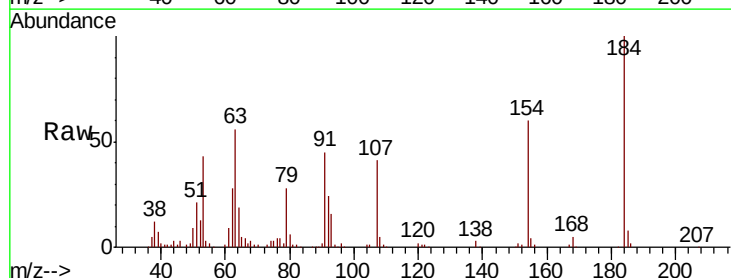
Tgt Ion:184 Resp: 135348

Ion Ratio Lower Upper

184 100

63 56.3 44.1 66.1

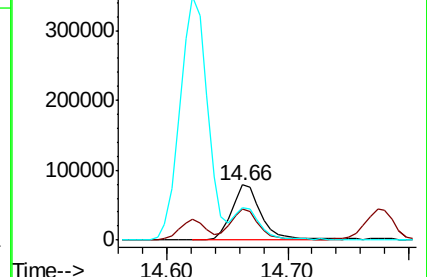
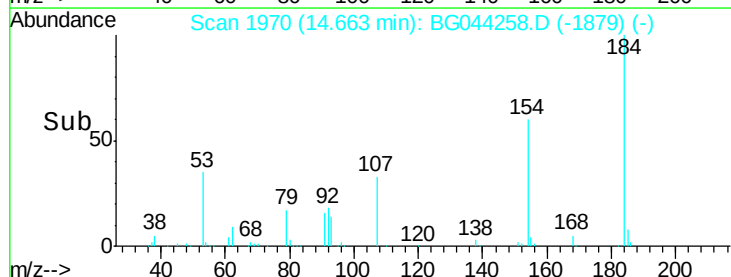
154 59.6 45.4 68.0

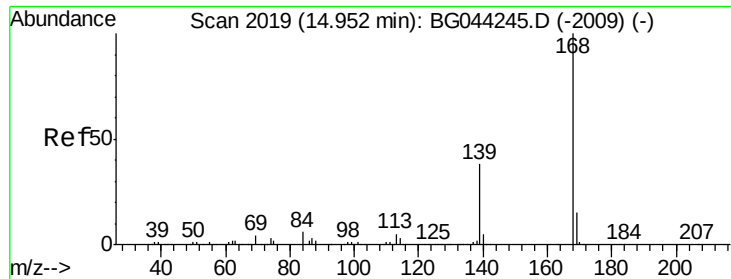


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

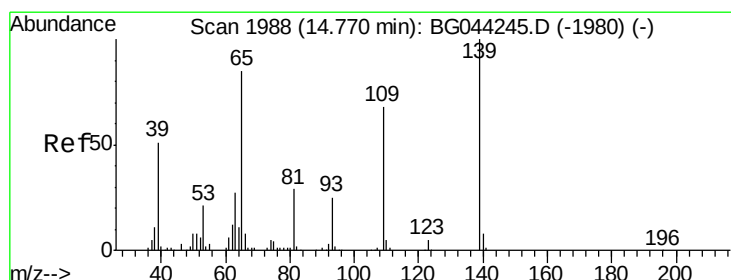
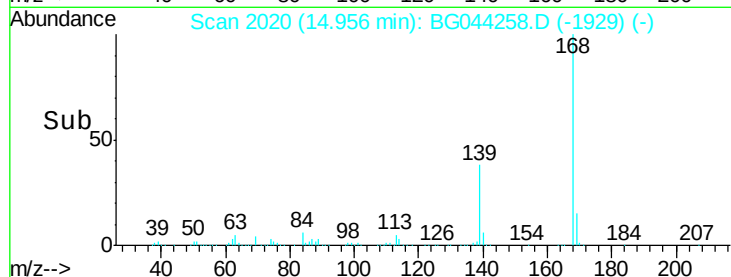
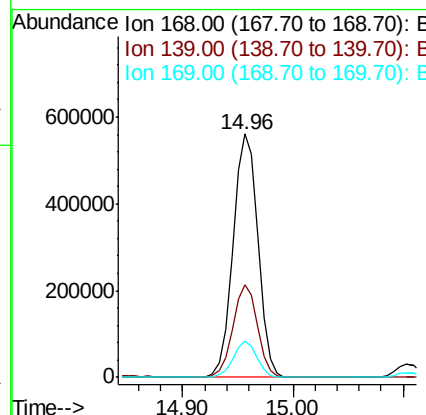
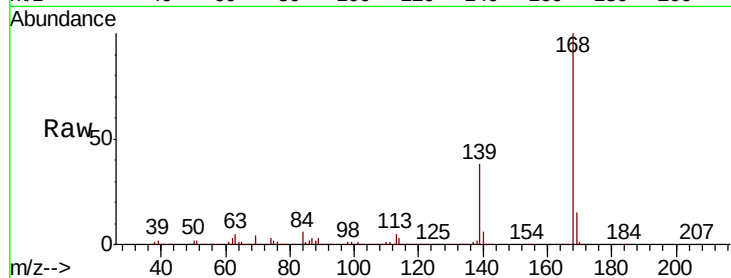




#55
Dibenzofuran
Concen: 42.103 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

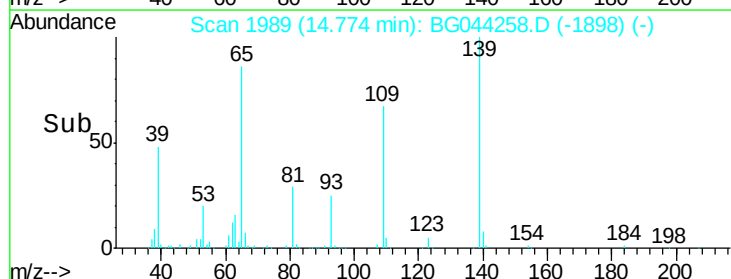
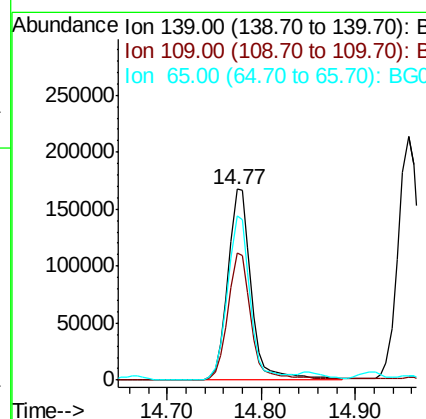
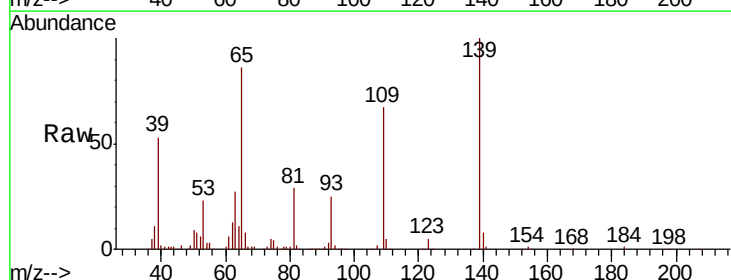
Instrument :
BNA_G
ClientSampleId :

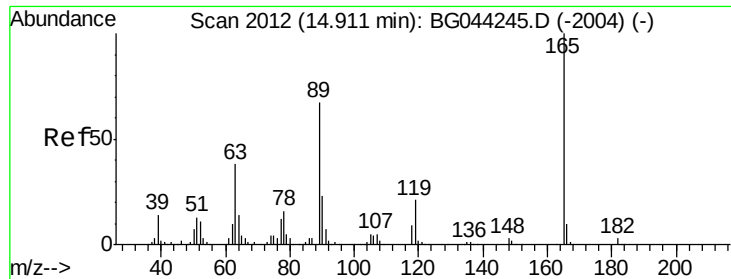
Tot Ion:168 Resp: 885953
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 14.7 11.7 17.5



#56
4-Nitrophenol
Concen: 88.697 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:139 Resp: 293427
Ion Ratio Lower Upper
139 100
109 66.6 47.5 87.5
65 86.3 64.9 104.9

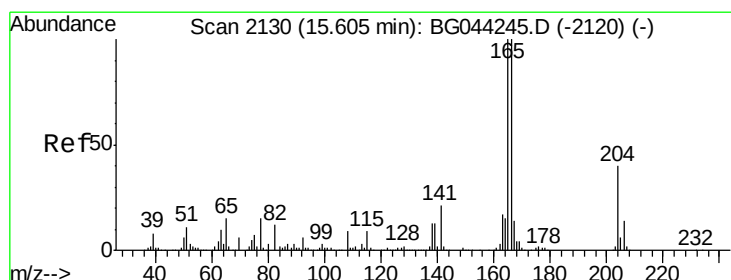
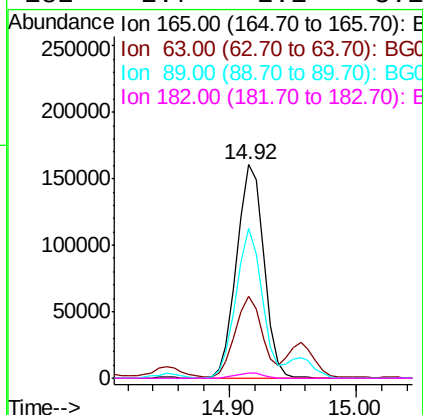
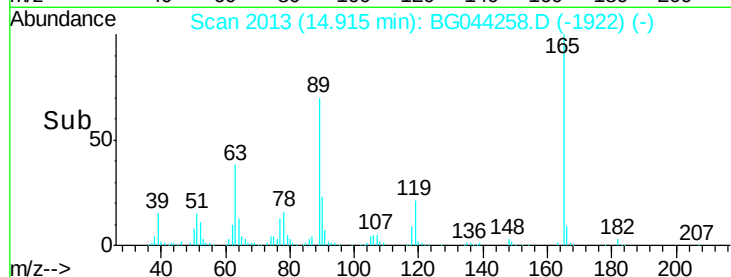
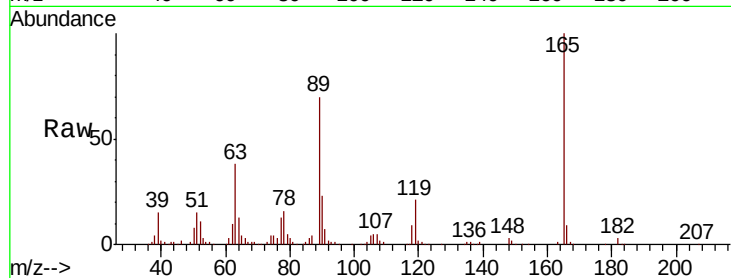




#57
2,4-Dinitrotoluene
Concen: 41.560 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

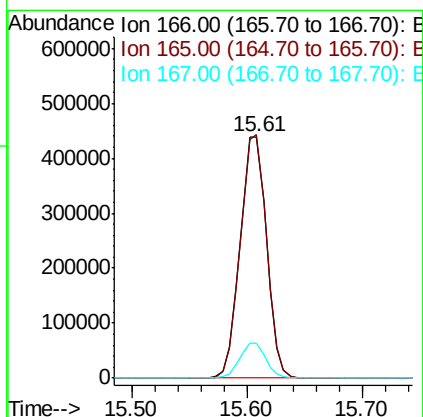
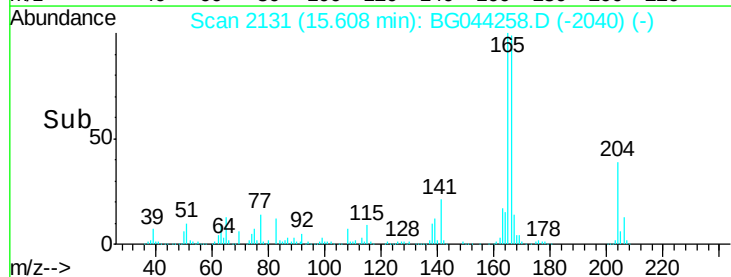
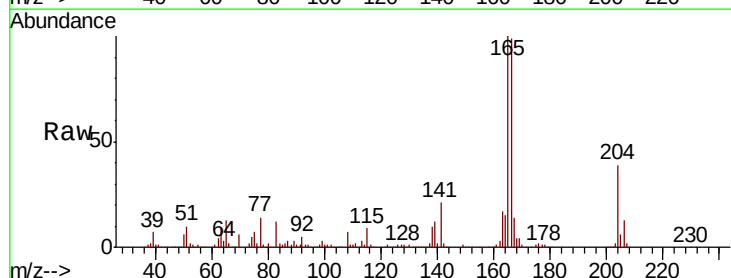
Instrument :
BNA_G
ClientSampled :

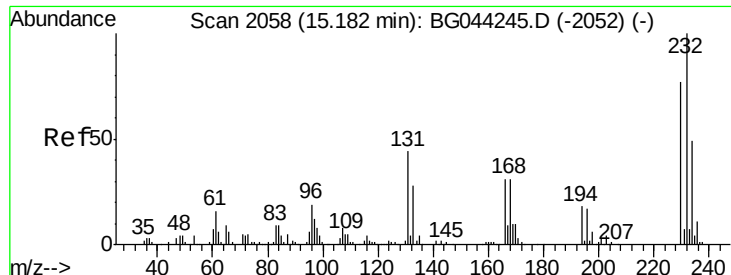
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	30.3	45.5
89	69.9	53.4	80.2
182	2.7	2.1	3.1



#58
Fluorene
Concen: 42.165 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.9	119.9
167	14.5	11.4	17.0

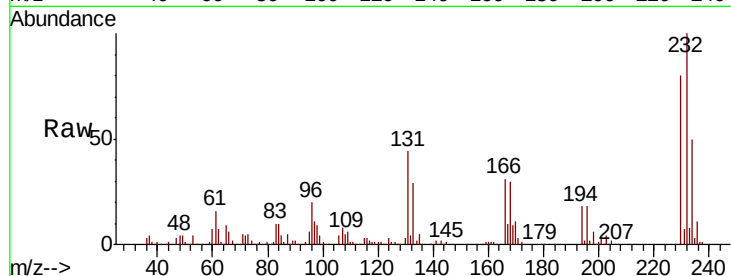




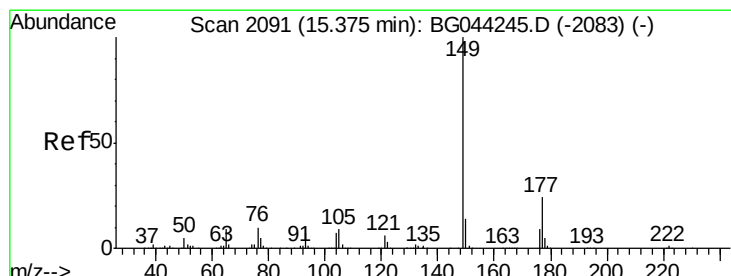
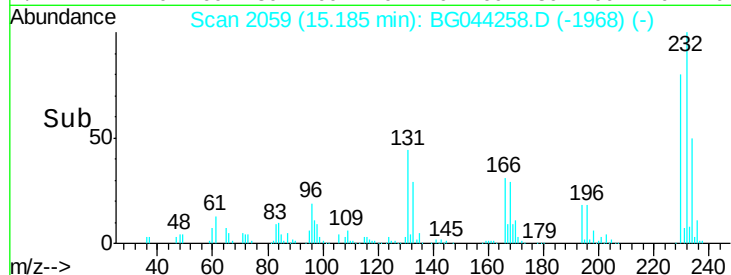
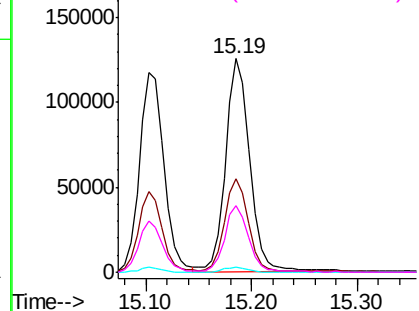
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.499 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	197634
Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.2	51.4
130	2.4	1.8	2.8
166	30.6	23.8	35.8

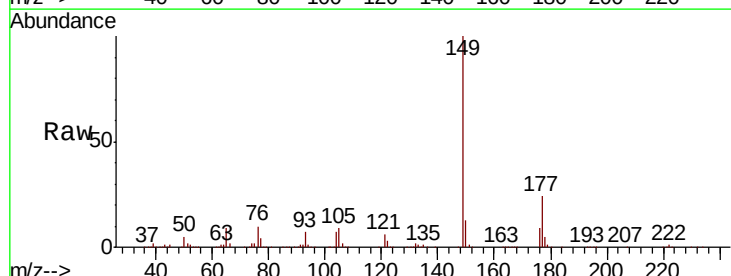


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

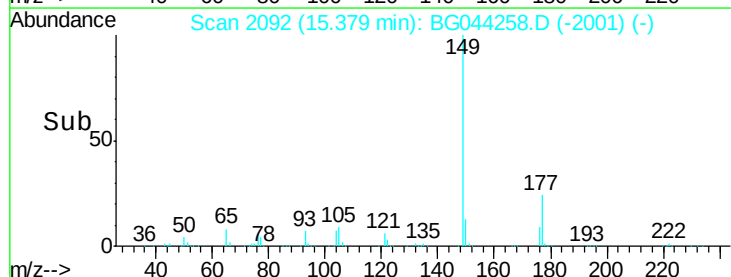
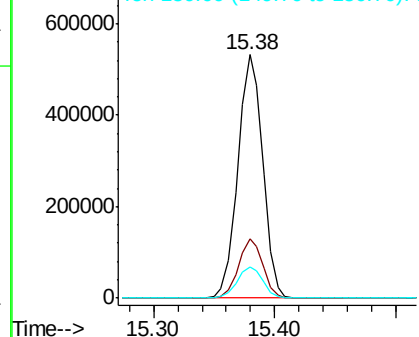


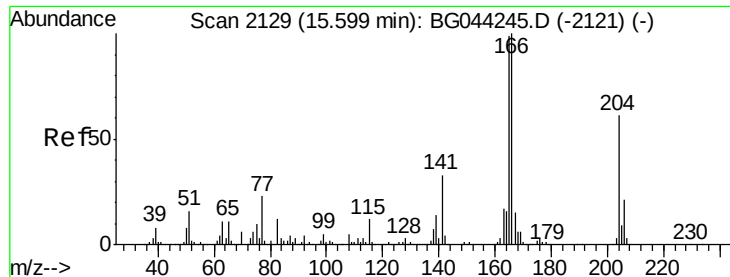
#60
 Diethylphthalate
 Concen: 41.806 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:	149	Resp:	762656
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.0	10.9	16.3



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

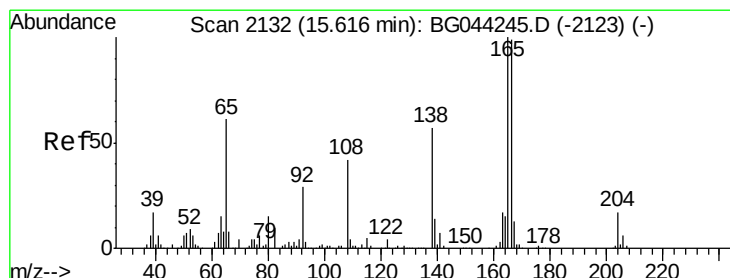
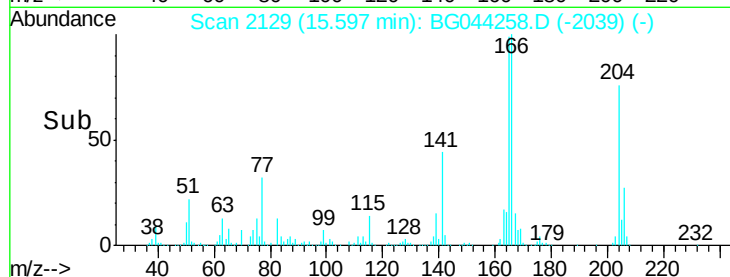
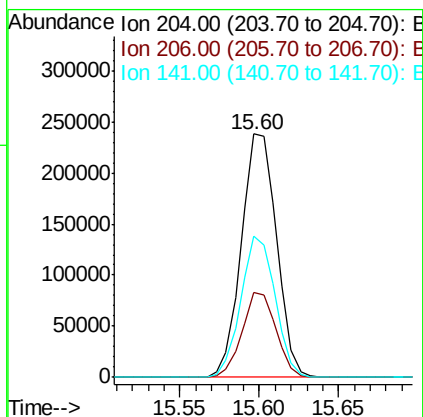
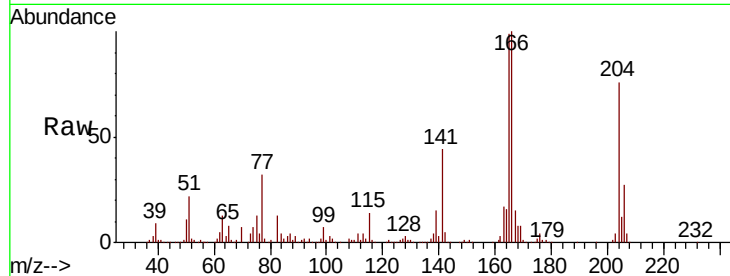




#61
4-Chlorophenyl-phenylether
Concen: 40.885 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

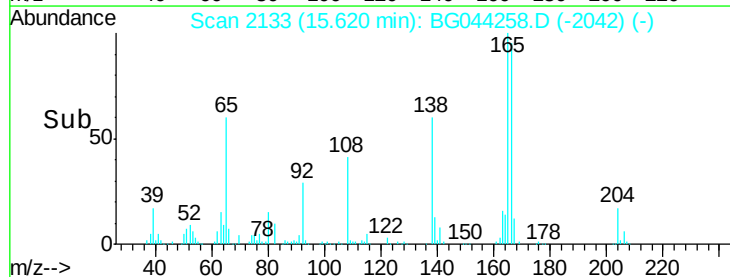
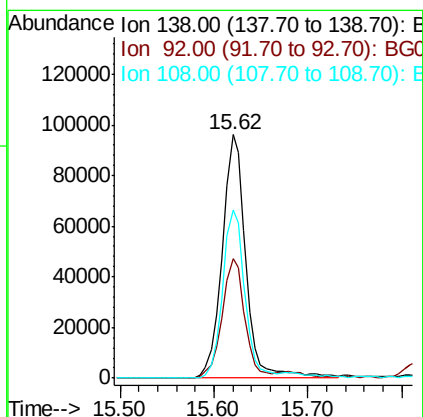
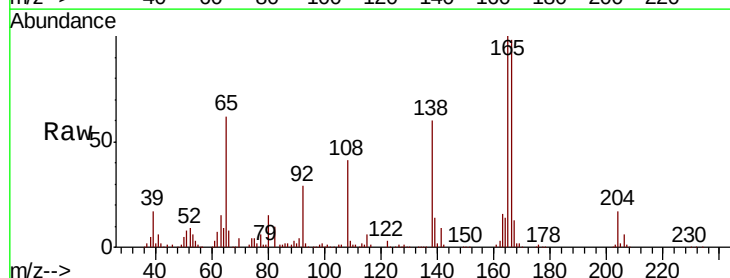
Instrument :
BNA_G
ClientSampled :

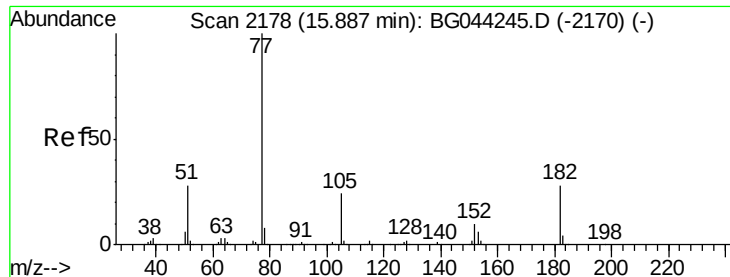
Tot Ion:204 Resp: 367411
Ion Ratio Lower Upper
204 100
206 34.8 27.6 41.4
141 57.9 43.4 65.0



#62
4-Nitroaniline
Concen: 37.368 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:138 Resp: 168634
Ion Ratio Lower Upper
138 100
92 49.1 31.3 71.3
108 69.2 52.6 92.6

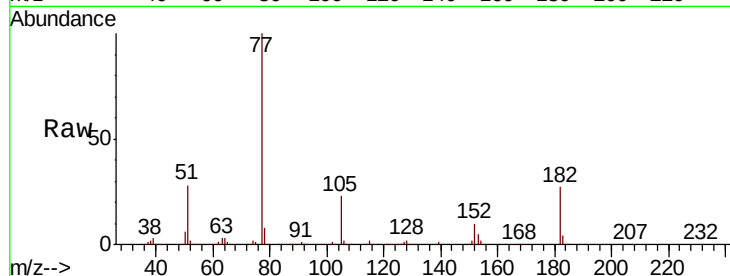




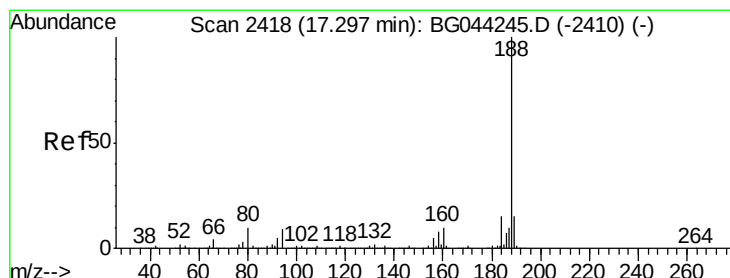
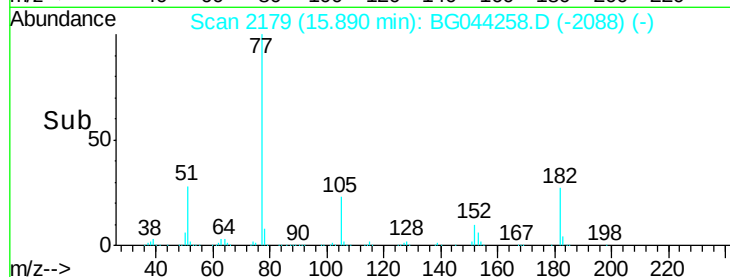
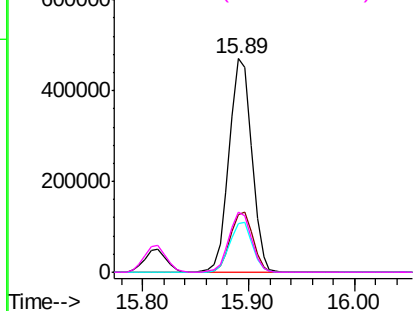
#63
Azobenzene
Concen: 43.359 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	693255
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.2	48.2
105	23.0	3.6	43.6
51	28.2	8.3	48.3

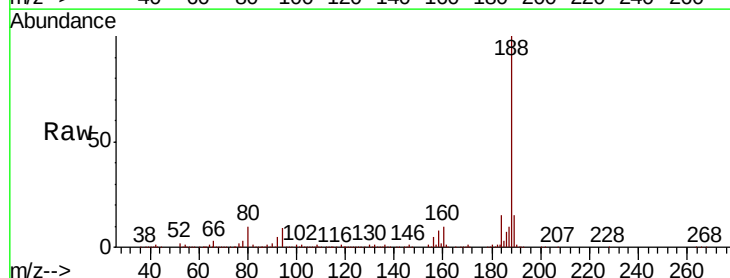


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

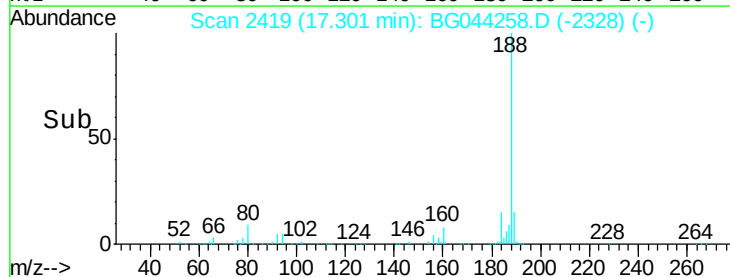
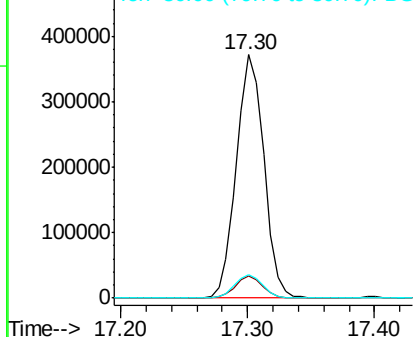


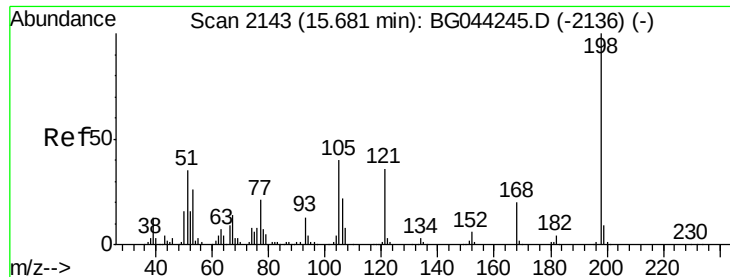
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:	188	Resp:	559353
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.6	7.7	11.5



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

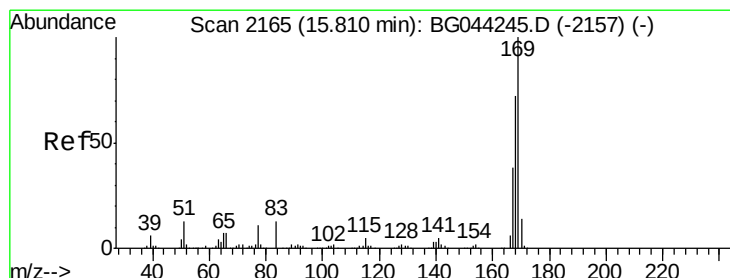
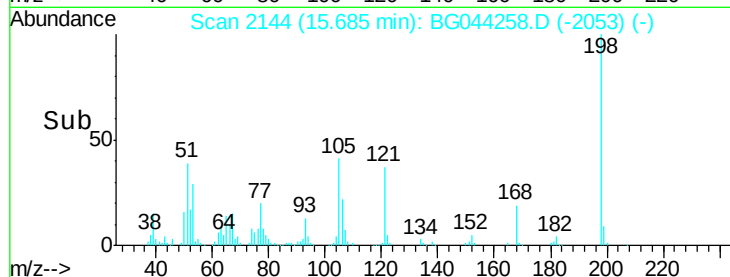
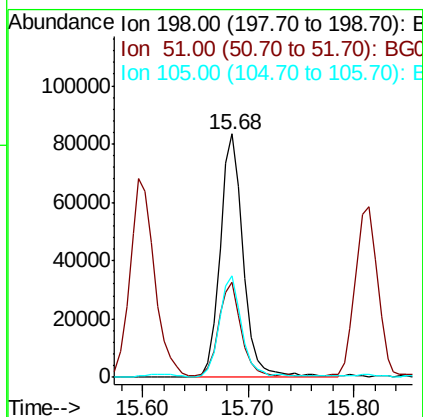
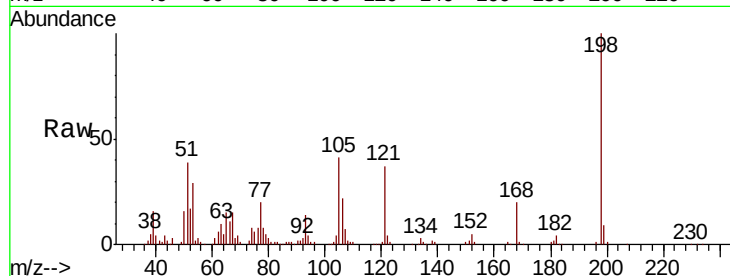




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.252 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

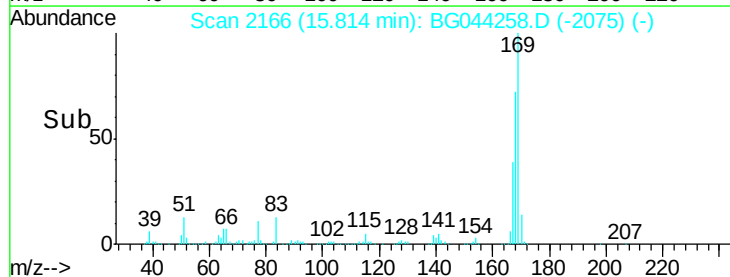
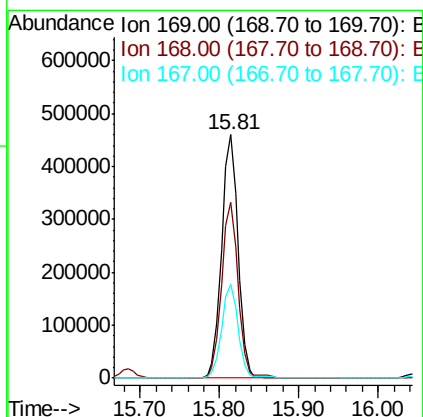
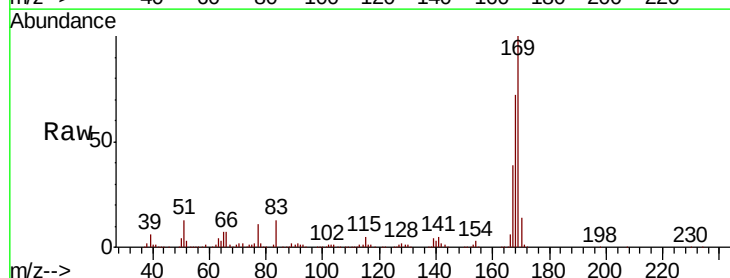
Instrument :
 BNA_G
 ClientSampleId :

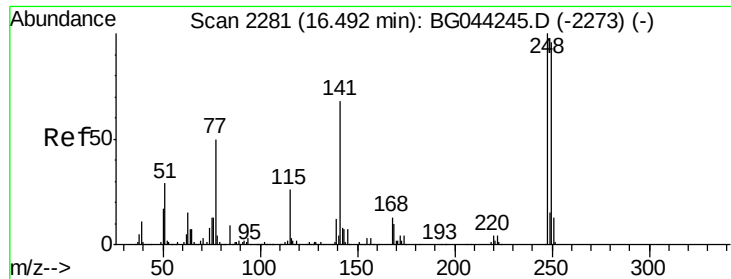
Tot Ion:198 Resp: 127372
 Ion Ratio Lower Upper
 198 100
 51 38.9 16.6 56.6
 105 41.5 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 42.080 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:169 Resp: 659627
 Ion Ratio Lower Upper
 169 100
 168 72.4 57.9 86.9
 167 38.8 30.7 46.1

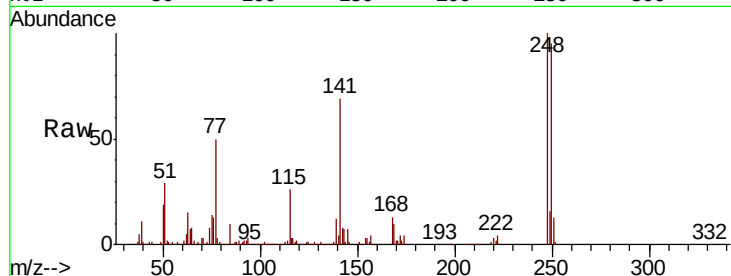




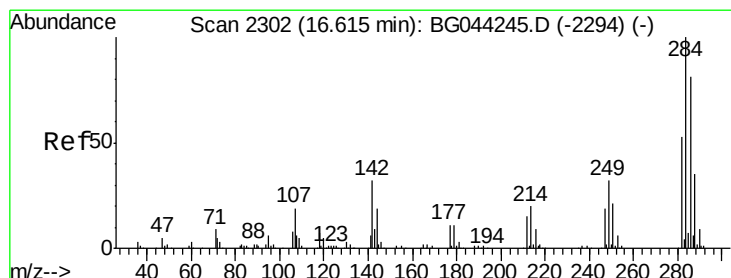
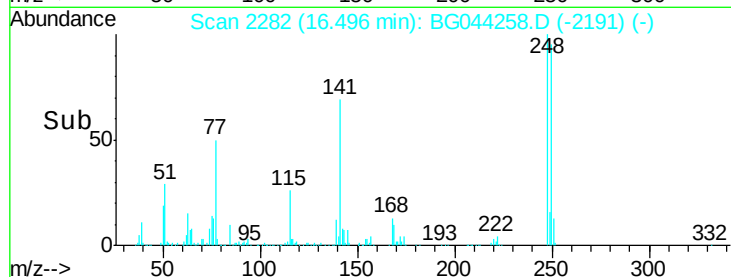
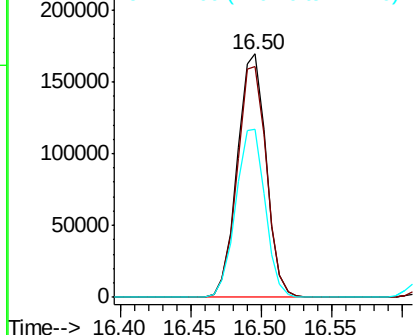
#67
4-Bromophenyl-phenylether
Concen: 39.547 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 241000
Ion Ratio Lower Upper
248 100
250 94.7 76.6 114.8
141 68.8 54.7 82.1

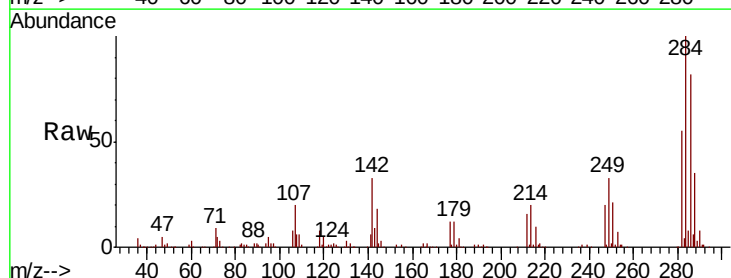


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

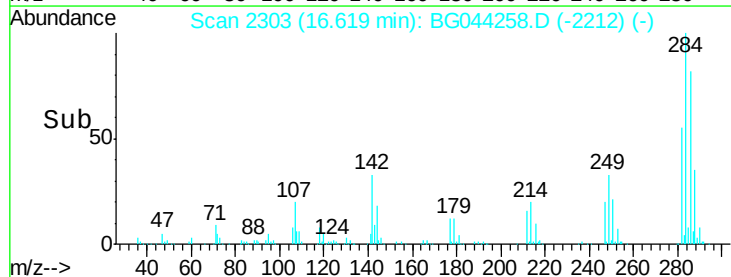
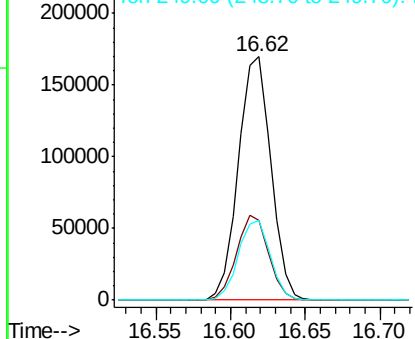


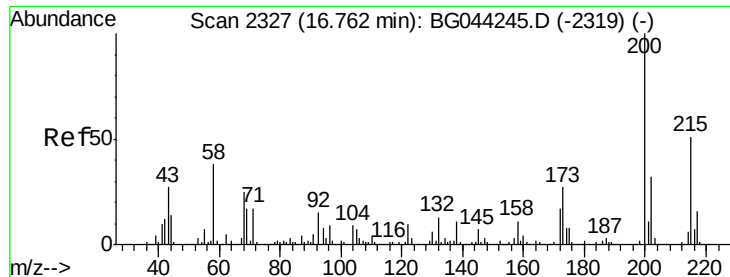
#68
Hexachlorobenzene
Concen: 37.653 ng
RT: 16.62 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:284 Resp: 257074
Ion Ratio Lower Upper
284 100
142 32.7 25.3 37.9
249 32.9 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: 44.374 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

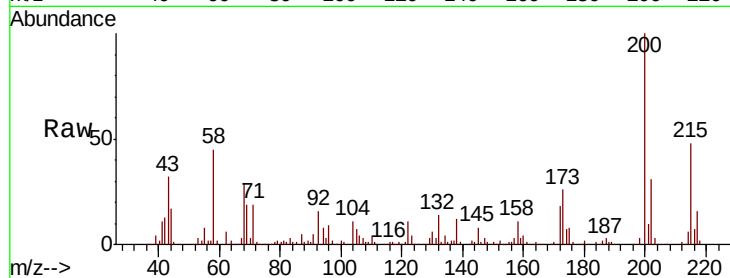
Tot Ion:200 Resp: 238416

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

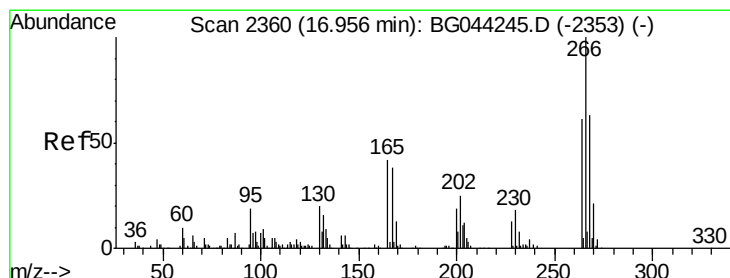
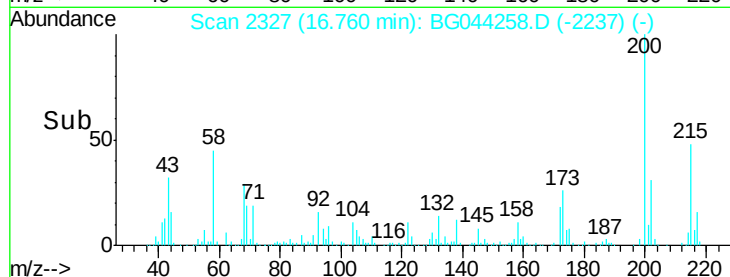
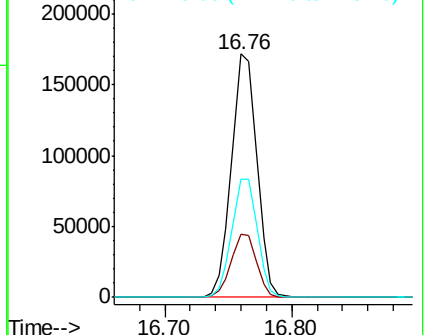
215 48.4 31.0 71.0



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: 74.686 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

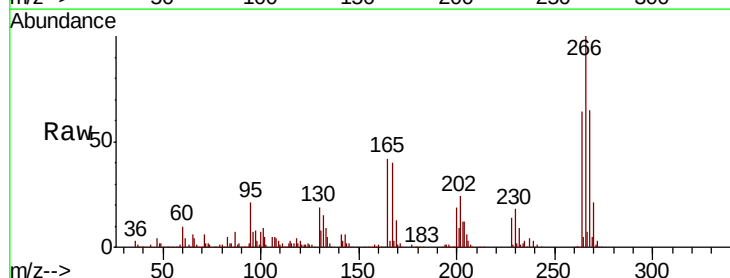
Tgt Ion:266 Resp: 257105

Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

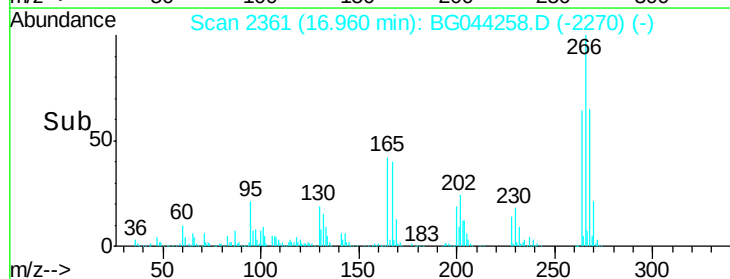
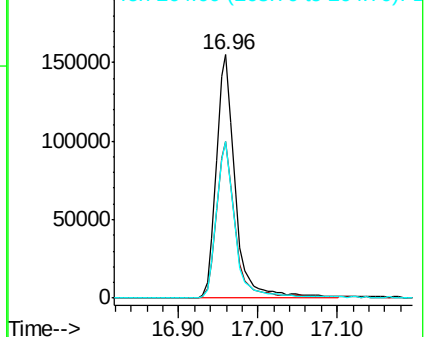
264 64.2 48.7 73.1

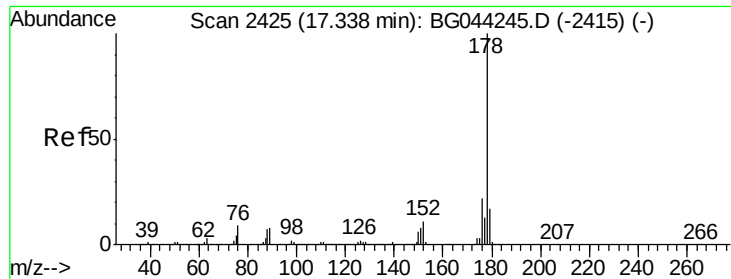


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

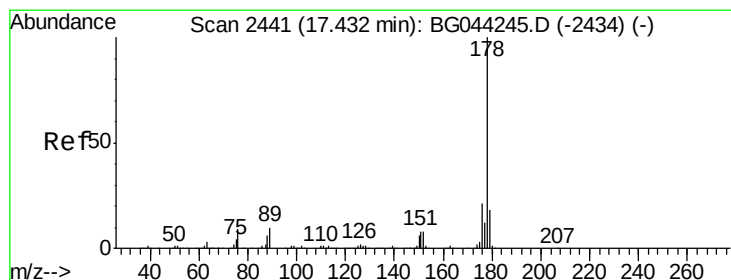
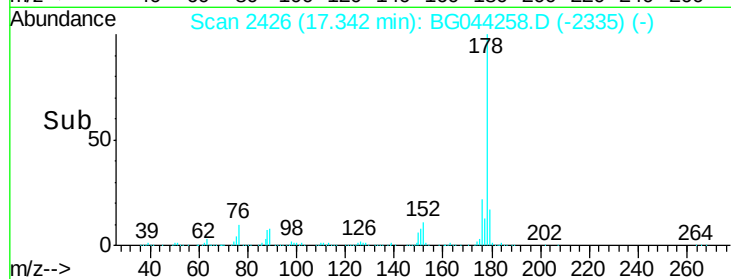
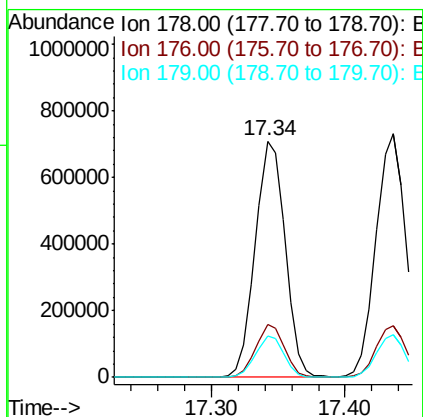
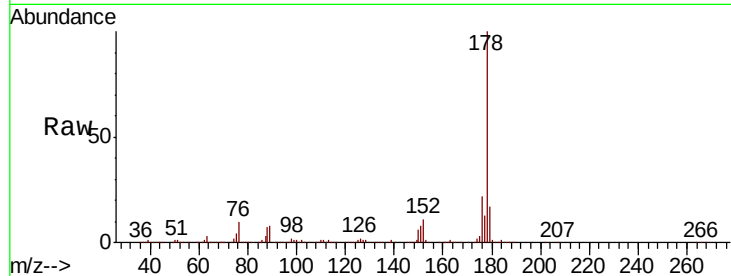




#71
Phenanthrene
Concen: 40.451 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

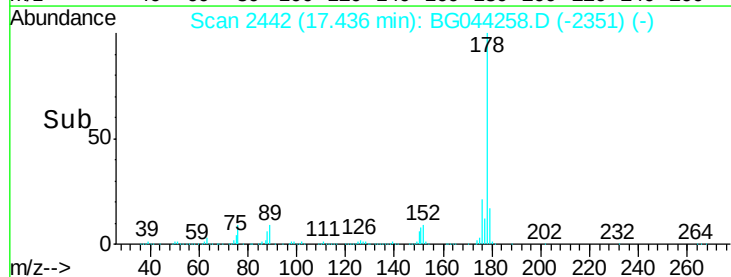
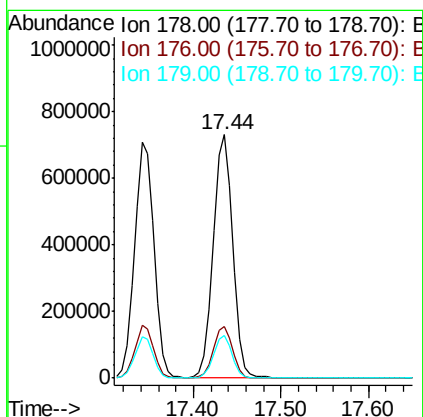
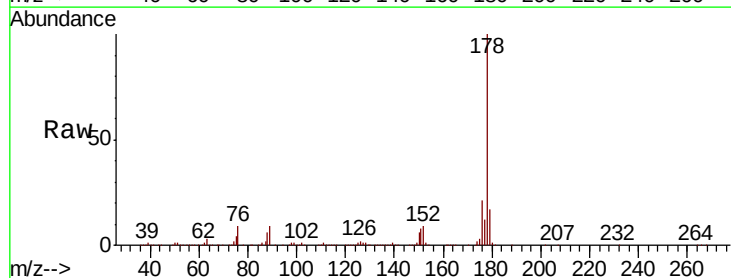
Instrument :
BNA_G
ClientSampled :

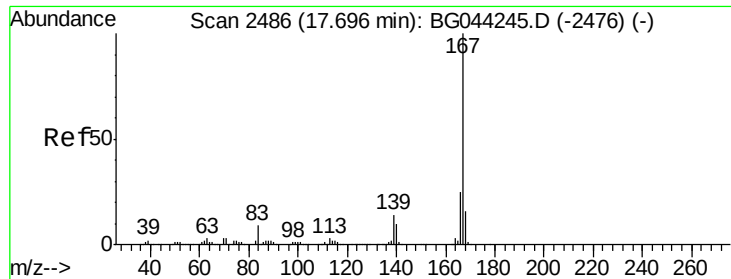
Tot Ion:178 Resp: 1095641
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.5 13.7 20.5



#72
Anthracene
Concen: 42.288 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:178 Resp: 1132416
Ion Ratio Lower Upper
178 100
176 21.3 17.0 25.4
179 17.3 14.4 21.6

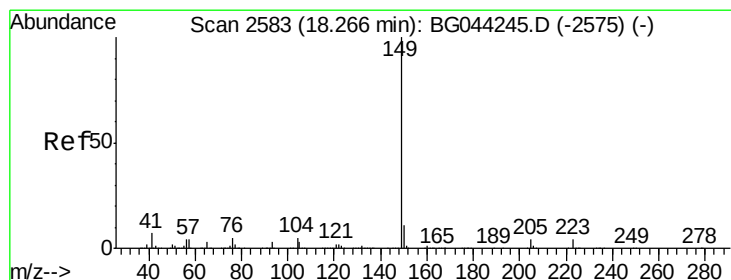
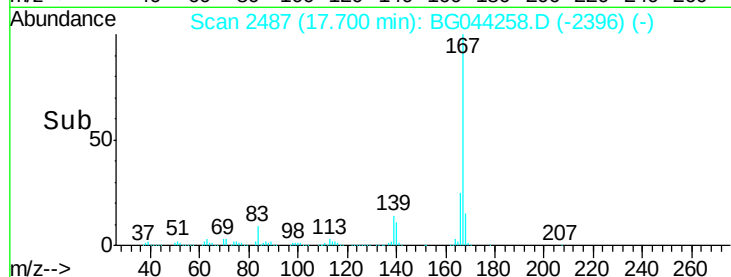
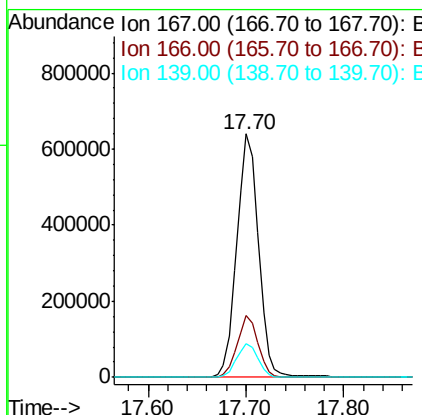
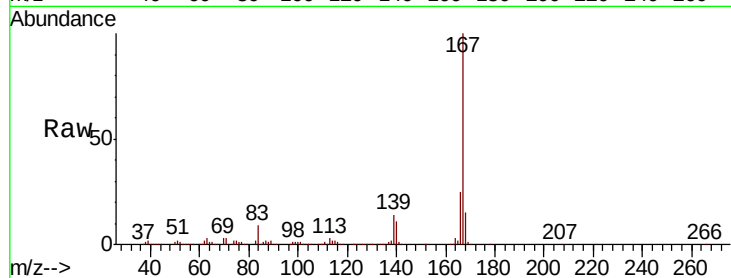




#73
 Carbazole
 Concen: 40.237 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

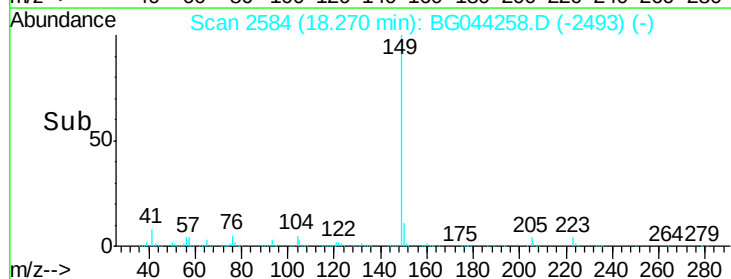
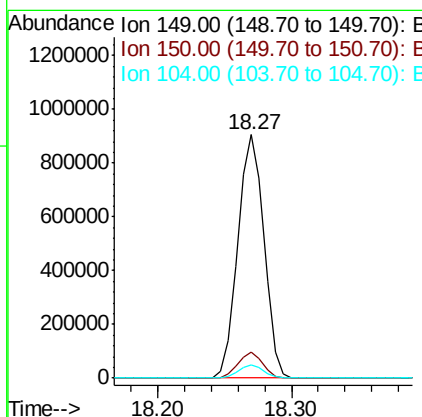
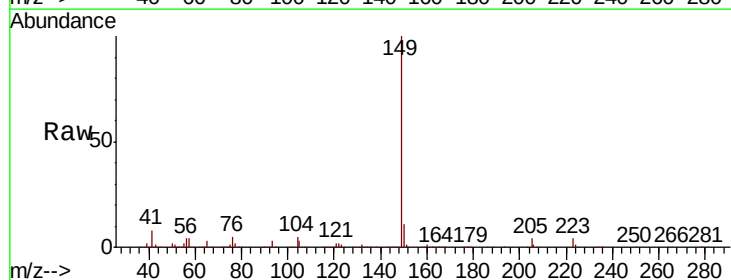
Instrument :
 BNA_G
 ClientSampleId :

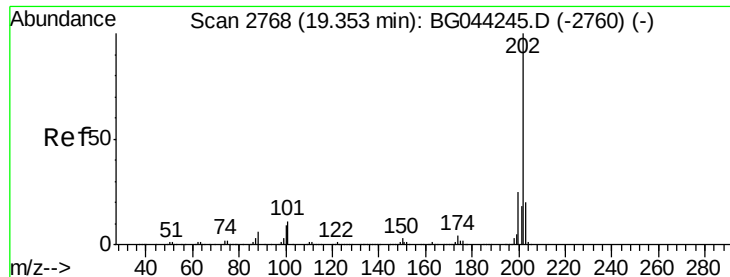
Tot Ion:167 Resp: 993316
 Ion Ratio Lower Upper
 167 100
 166 25.4 19.8 29.6
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.194 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG044258.D
 Acq: 31 Jan 2020 13:52

Tgt Ion:149 Resp: 1226189
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.7 13.1
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 39.957 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

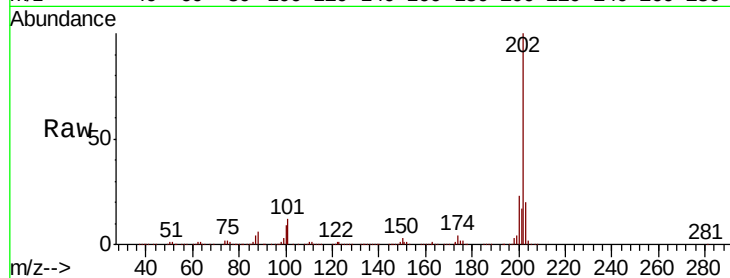
Tot Ion:202 Resp: 1251966

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.3

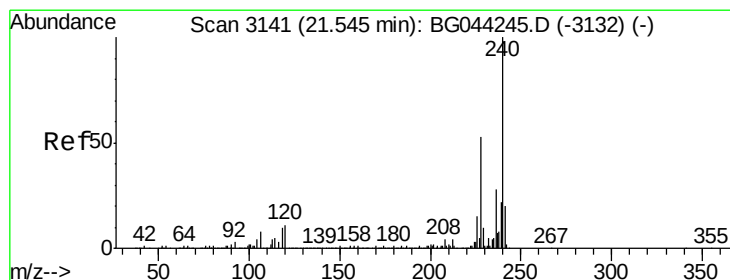
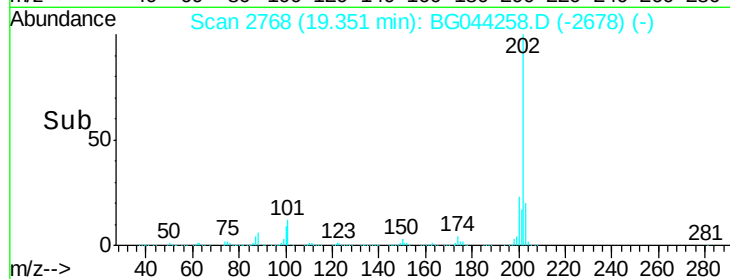
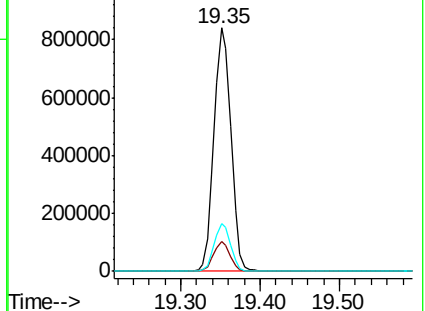
203 19.7 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

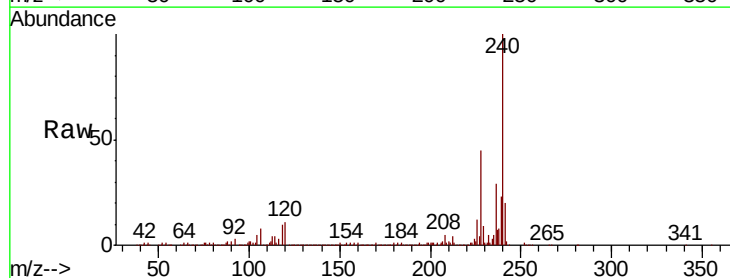
Tgt Ion:240 Resp: 474522

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

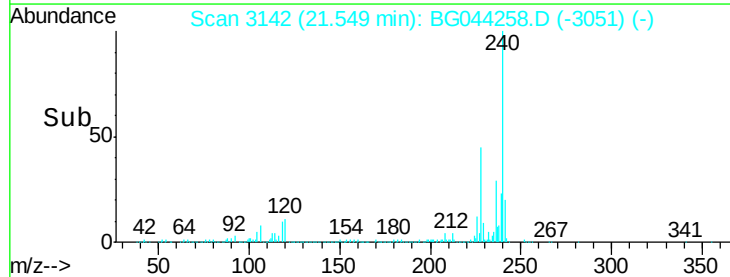
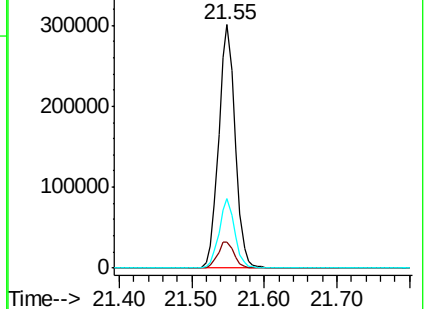
236 28.6 22.1 33.1

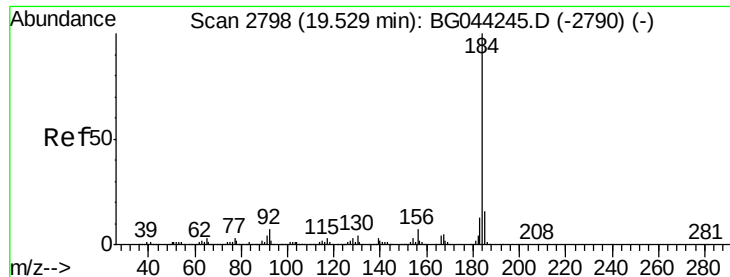


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.666 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

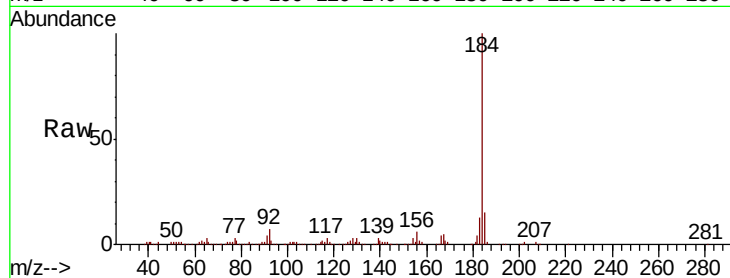
Tot Ion:184 Resp: 298328

Ion Ratio Lower Upper

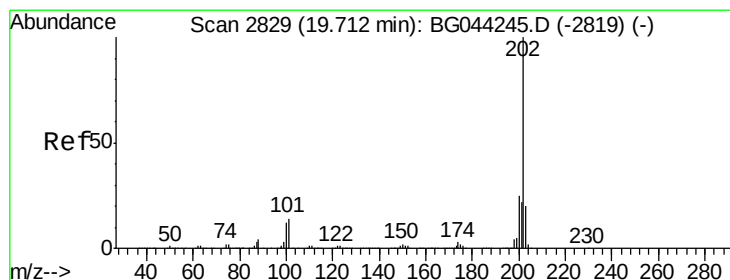
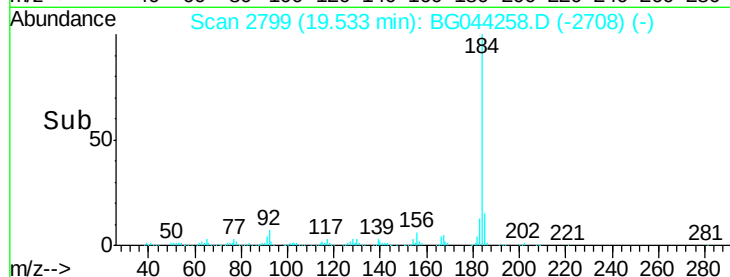
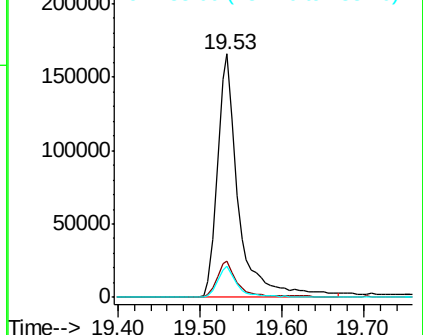
184 100

185 15.0 12.9 19.3

183 12.8 10.8 16.2



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



#78

Pyrene

Concen: 41.305 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

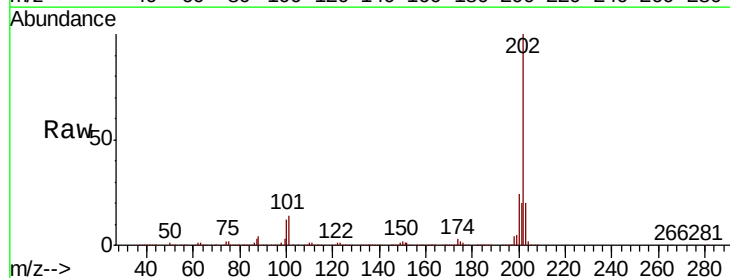
Tgt Ion:202 Resp: 1258741

Ion Ratio Lower Upper

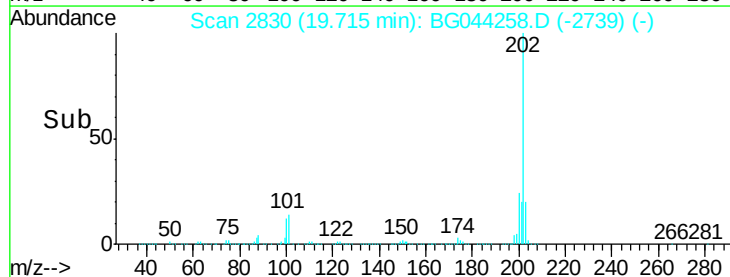
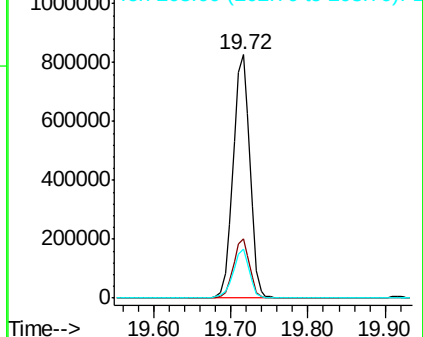
202 100

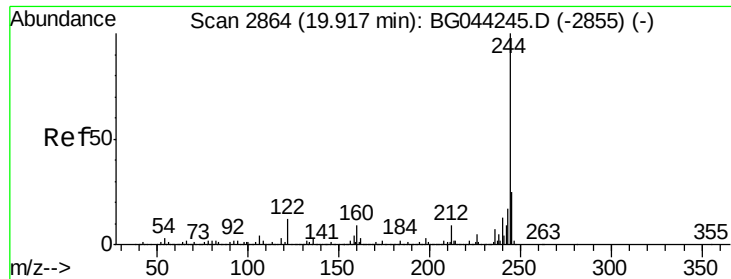
200 24.4 20.0 30.0

203 20.1 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: 67.236 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

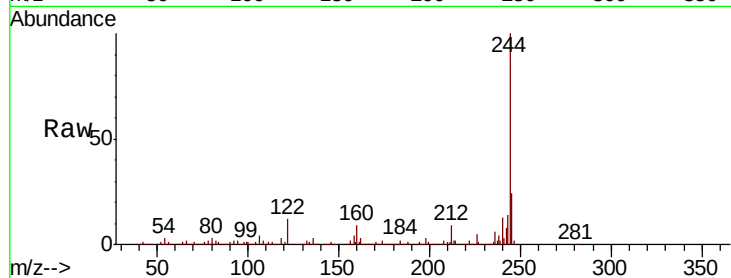
Tot Ion:244 Resp: 1551150

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

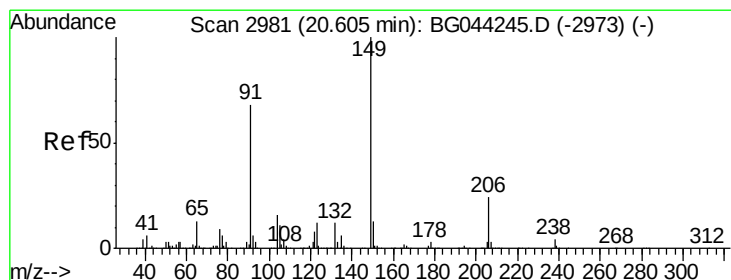
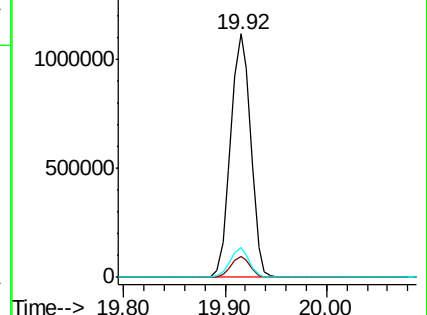
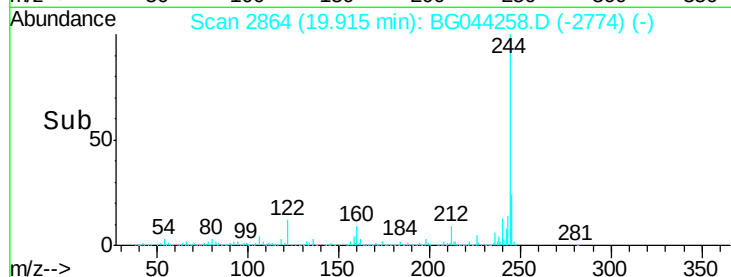
122 12.3 9.8 14.6



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: 40.649 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

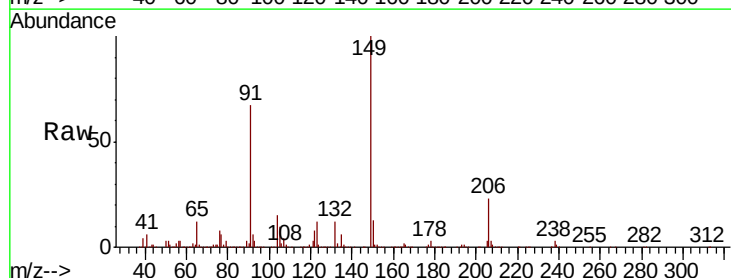
Tgt Ion:149 Resp: 564502

Ion Ratio Lower Upper

149 100

91 67.0 54.5 81.7

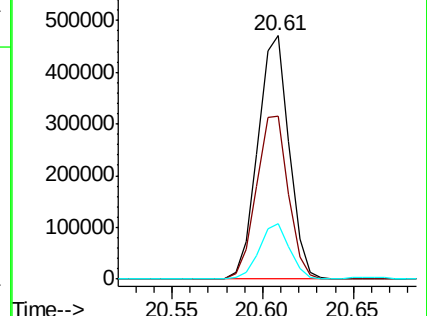
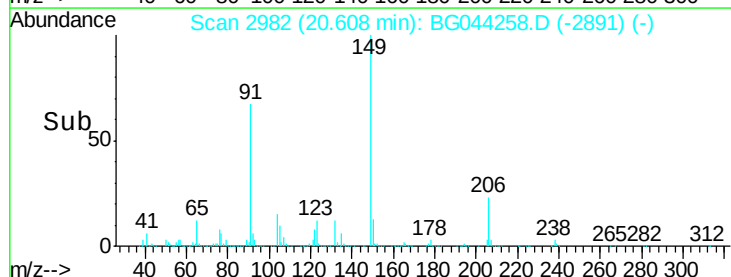
206 22.9 19.1 28.7

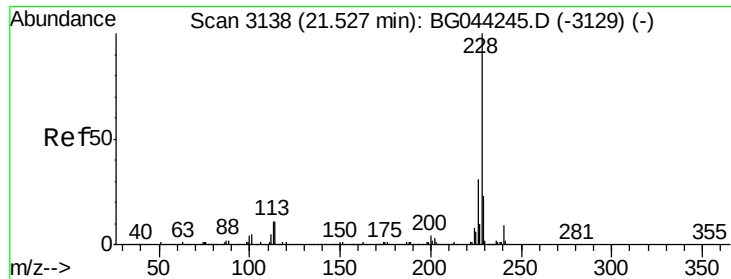


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

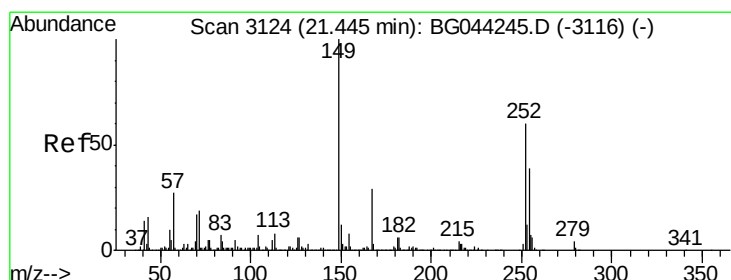
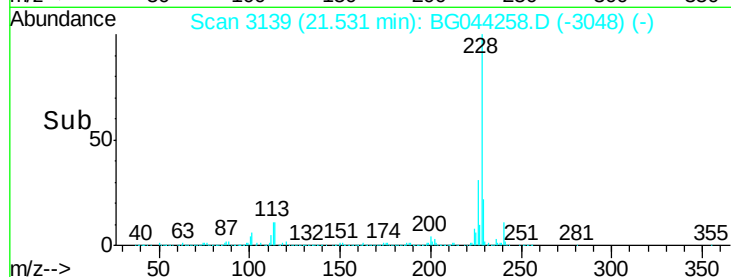
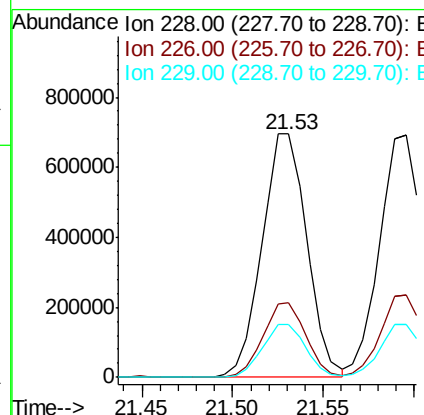
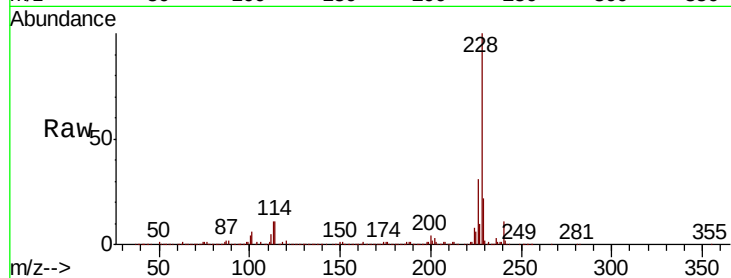




#81
Benzo(a)anthracene
Concen: 40.851 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

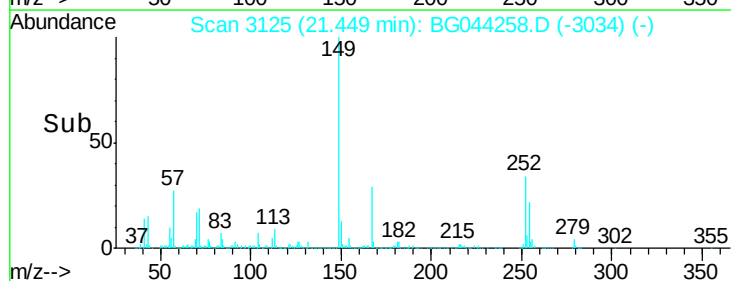
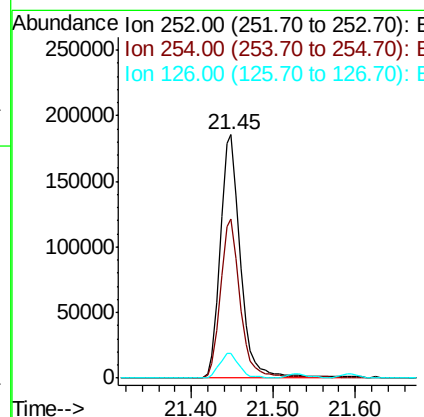
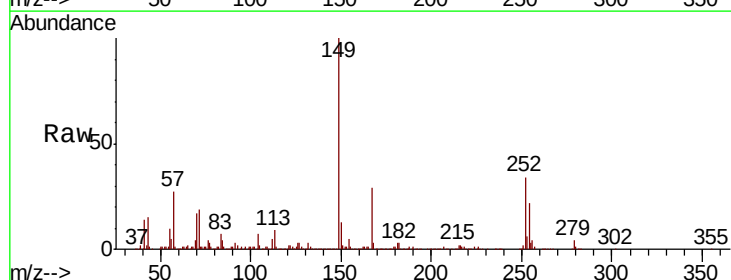
Instrument :
BNA_G
ClientSampleId :

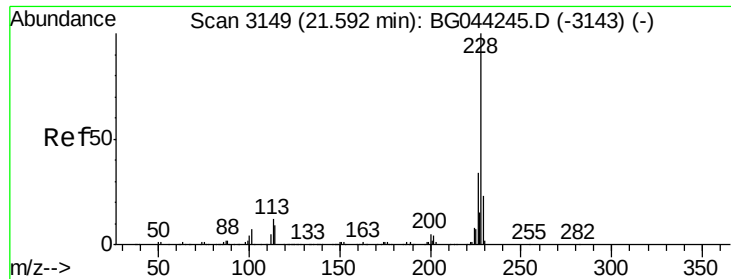
Tot Ion:228 Resp: 1194711
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 28.179 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:252 Resp: 319846
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 9.9 8.2 12.4





#83

Chrysene

Concen: 40.333 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

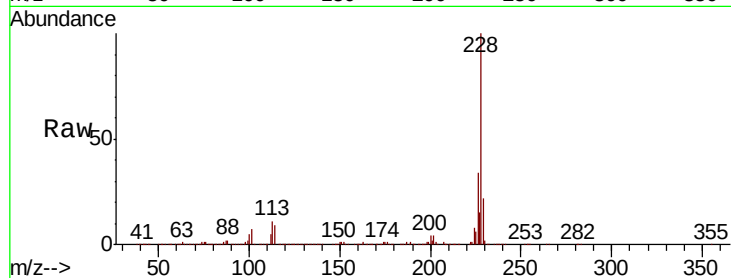
Tot Ion:228 Resp: 1140132

Ion Ratio Lower Upper

228 100

226 33.6 27.1 40.7

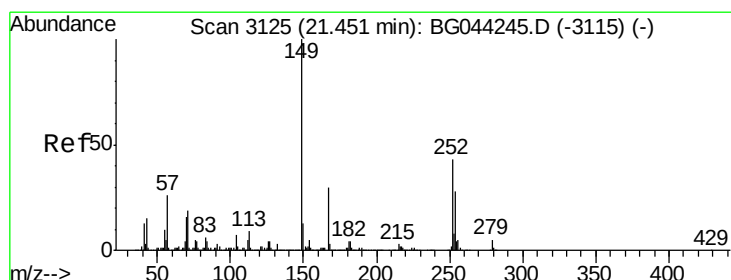
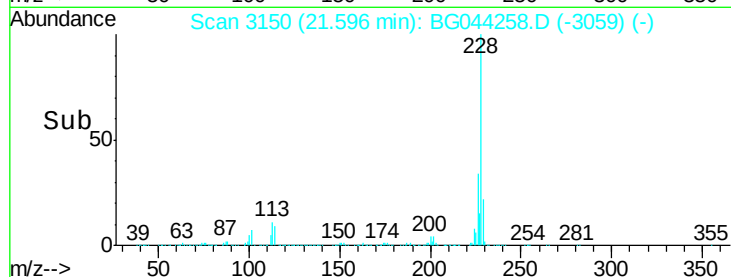
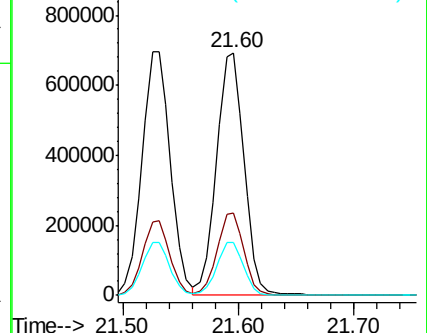
229 21.9 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.914 ng

RT: 21.45 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

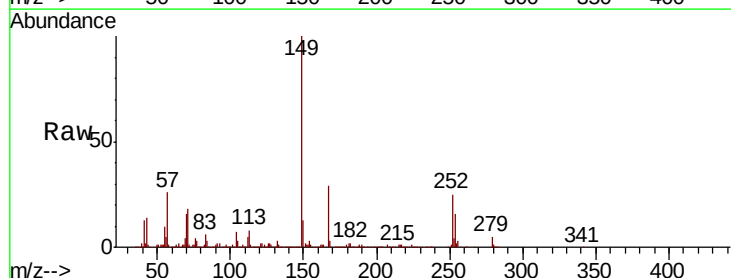
Tgt Ion:149 Resp: 801170

Ion Ratio Lower Upper

149 100

167 29.4 24.0 36.0

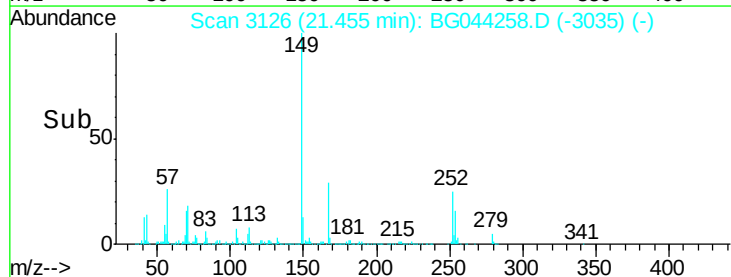
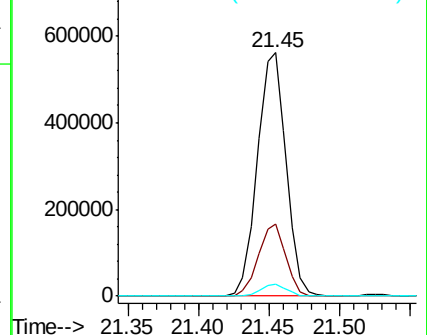
279 4.8 3.8 5.8

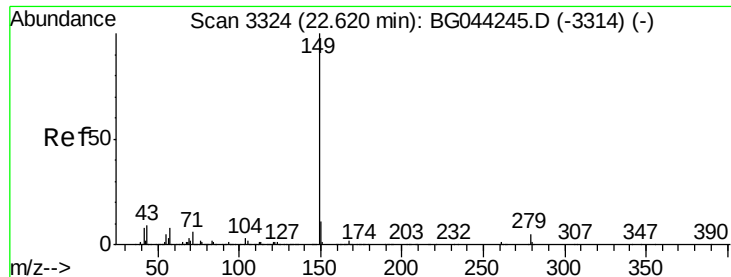


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.416 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

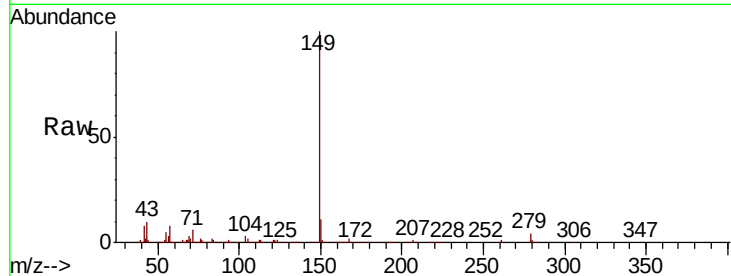
Tot Ion:149 Resp: 1402805

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

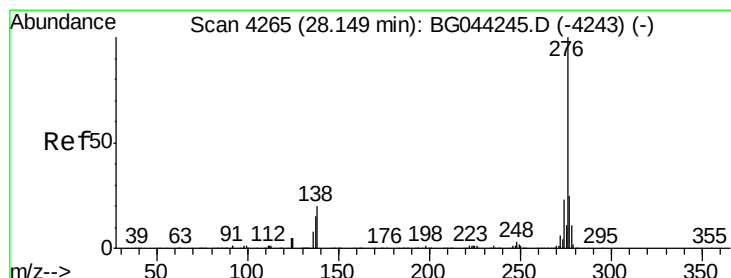
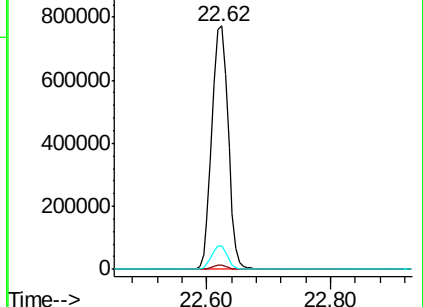
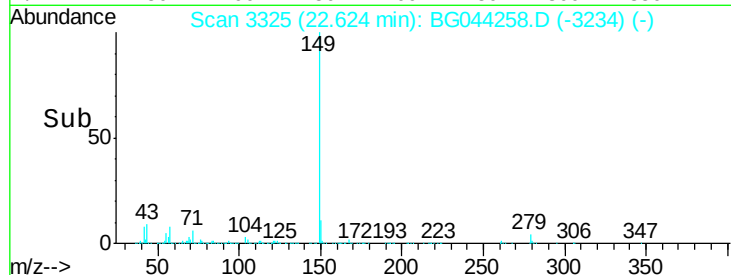
43 9.0 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.204 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

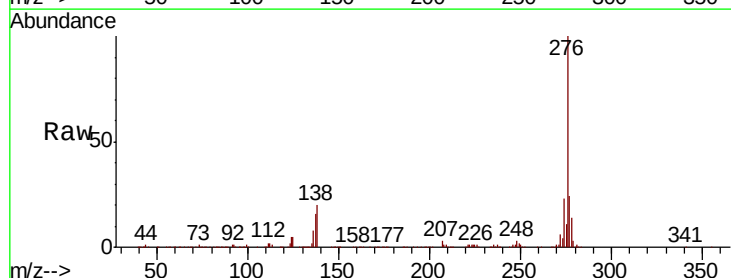
Tgt Ion:276 Resp: 1408957

Ion Ratio Lower Upper

276 100

138 10.9 19.4 29.0#

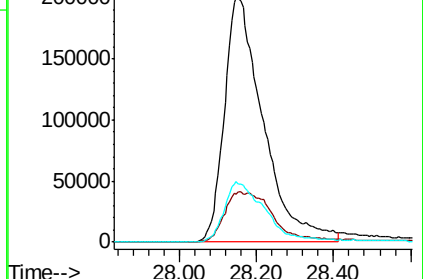
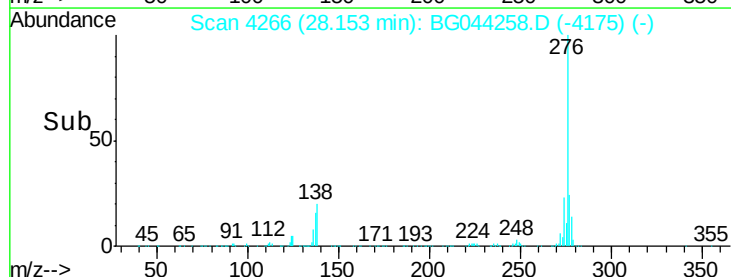
277 26.0 21.0 31.6

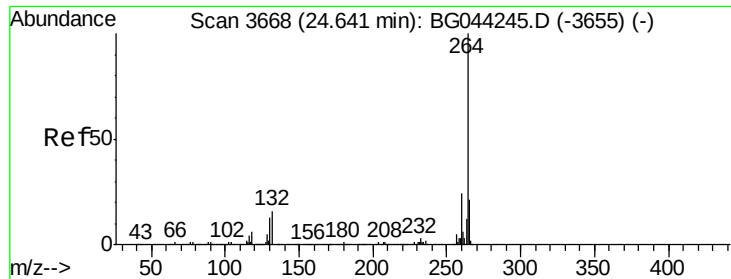


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

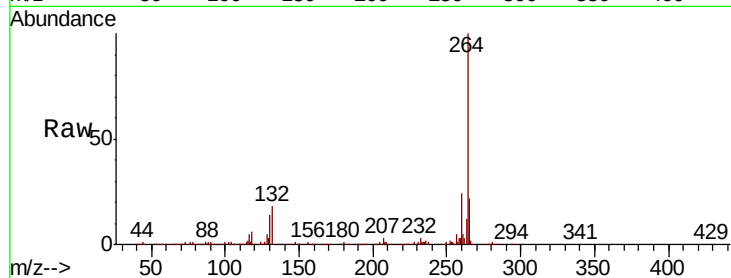
Tot Ion:264 Resp: 515752

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

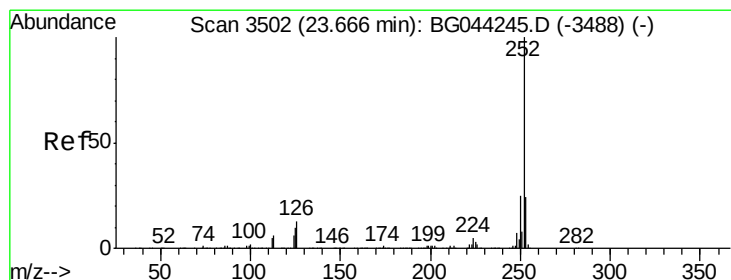
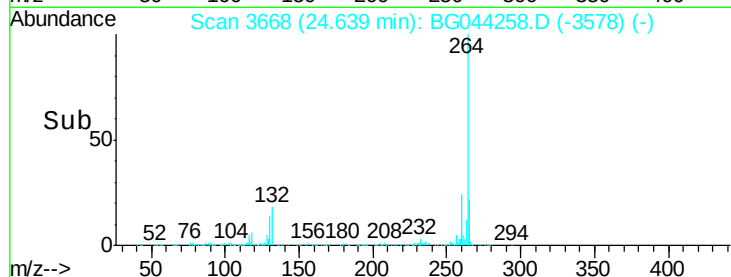
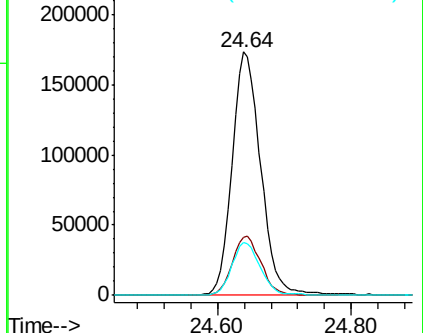
265 22.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.274 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044258.D

Acq: 31 Jan 2020 13:52

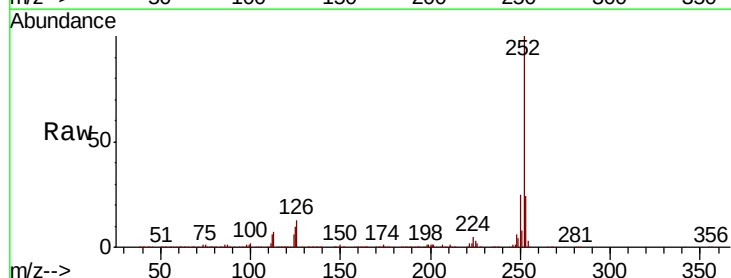
Tgt Ion:252 Resp: 1256366

Ion Ratio Lower Upper

252 100

253 24.2 19.2 28.8

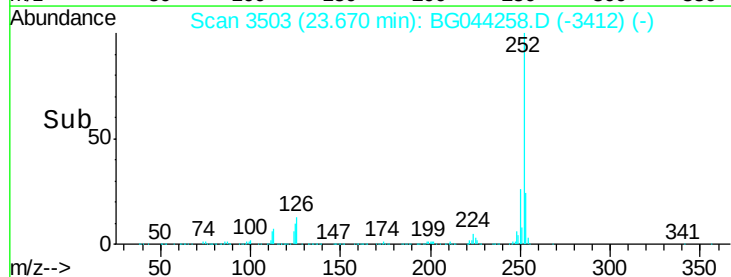
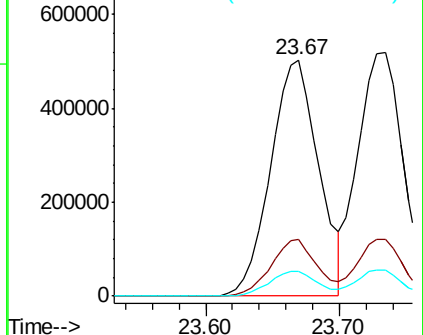
125 10.4 8.4 12.6

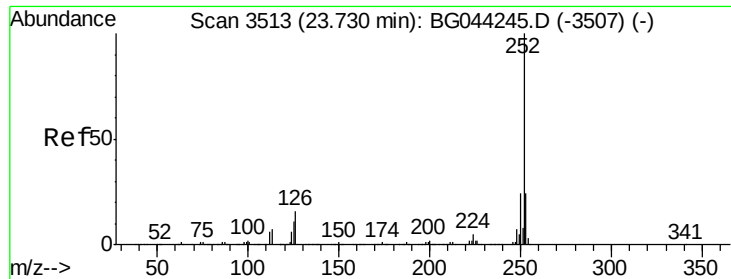


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

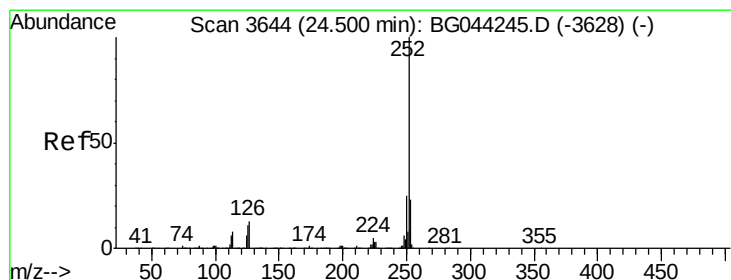
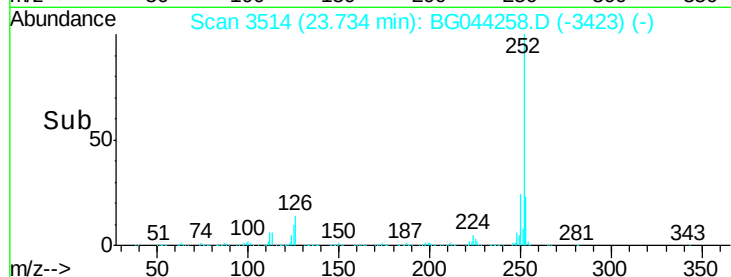
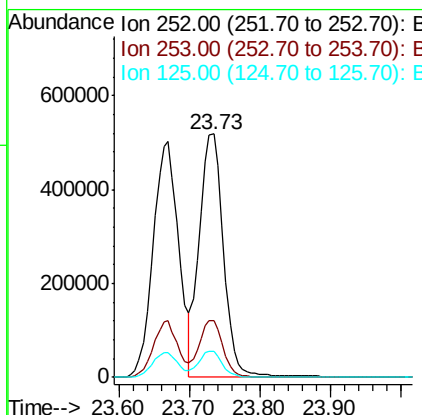
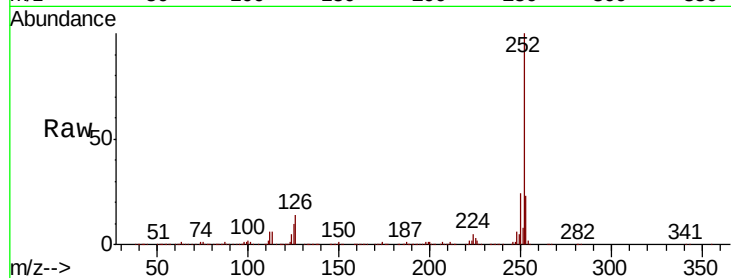




#89
Benzo(k)fluoranthene
Concen: 42.758 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

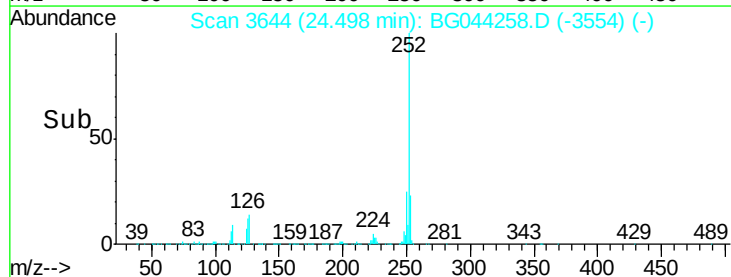
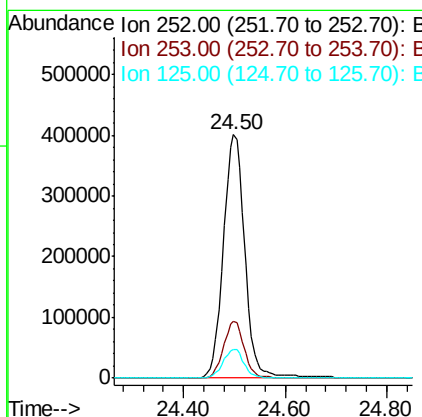
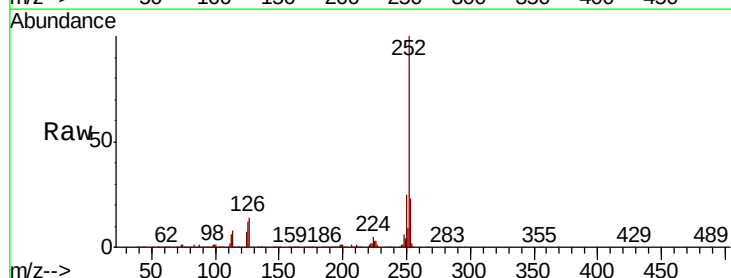
Instrument :
BNA_G
ClientSampleId :

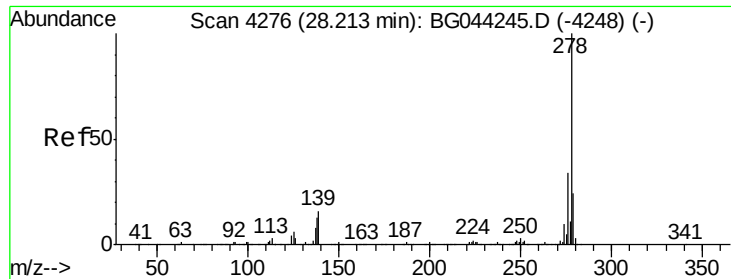
Tot Ion:252 Resp: 1238519
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.712 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:252 Resp: 1172072
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 12.0 8.6 13.0



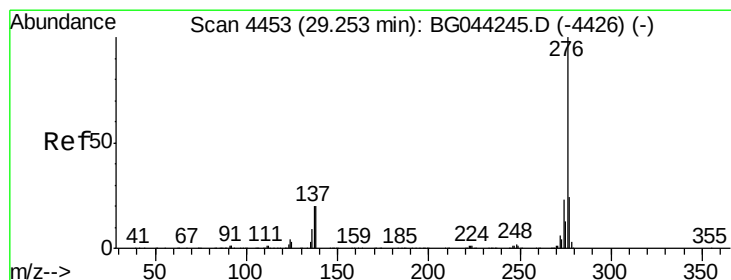
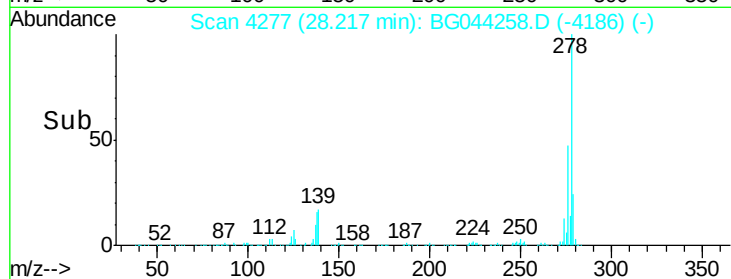
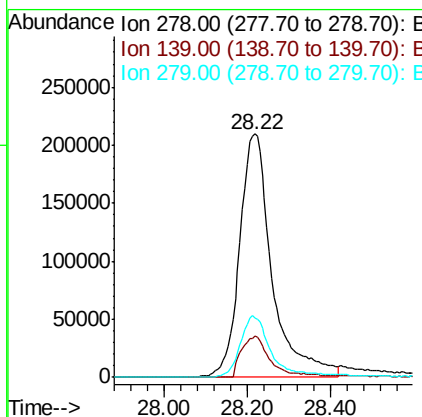
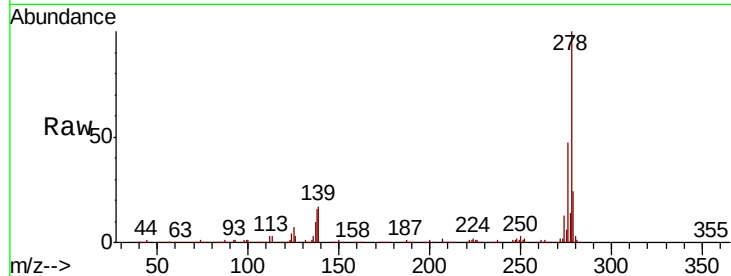


#91
Dibenzo(a,h)anthracene
Concen: 41.153 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1144433

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	24.4	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 42.306 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044258.D
Acq: 31 Jan 2020 13:52

Tgt Ion:276 Resp: 1177757

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.7	16.2	24.2

