

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044357.D
 Acq On : 10 Feb 2020 15:24
 Operator : CG/JU
 Sample : PB126601BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Quant Time: Feb 10 16:14:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	64763	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	276992	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	196309	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	472959	20.00	ng	0.00
76) Chrysene-d12	21.53	240	447777	20.00	ng	0.00
87) Perylene-d12	24.62	264	500905	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	459766	125.29	ng	0.00
7) Phenol-d6	7.08	99	622064	126.24	ng	0.00
23) Nitrobenzene-d5	9.06	82	325894	66.42	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	284076	123.27	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	788880	67.29	ng	0.00
79) Terphenyl-d14	19.90	244	1458267	66.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	57971	35.161	ng	99
3) Pyridine	3.76	79	139500	31.758	ng	98
4) n-Nitrosodimethylamine	3.67	42	71911	39.177	ng	99
6) Aniline	7.22	93	218551	35.731	ng	98
8) 2-Chlorophenol	7.47	128	184589	45.769	ng	97
9) Benzaldehyde	7.04	77	81975	29.209	ng	96
10) Phenol	7.10	94	227961	46.744	ng	97
11) bis(2-Chloroethyl)ether	7.32	93	170054	40.787	ng	99
12) 1,3-Dichlorobenzene	7.79	146	186881	38.810	ng	99
13) 1,4-Dichlorobenzene	7.94	146	186535	39.112	ng	99
14) 1,2-Dichlorobenzene	8.26	146	178886	39.683	ng	98
15) Benzyl Alcohol	8.14	79	151622	43.461	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	216510	38.367	ng	98
17) 2-Methylphenol	8.35	107	159916	45.959	ng	98
18) Hexachloroethane	8.99	117	67878	37.928	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	133681	40.705	ng	98
20) 3+4-Methylphenols	8.68	107	219595	45.794	ng	100
22) Acetophenone	8.72	105	255240	37.879	ng	99
24) Nitrobenzene	9.10	77	190671	39.808	ng	97
25) Isophorone	9.63	82	376363	41.156	ng	99
26) 2-Nitrophenol	9.82	139	105389	42.404	ng	98
27) 2,4-Dimethylphenol	9.89	122	184199	52.503	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	239503	39.260	ng	98
29) 2,4-Dichlorophenol	10.36	162	190731	44.961	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	186283	38.296	ng	99
31) Naphthalene	10.76	128	552839	41.137	ng	99
32) Benzoic acid	10.03	122	55426	31.075	ng	91
33) 4-Chloroaniline	10.86	127	136540	22.340	ng	98
34) Hexachlorobutadiene	11.05	225	111045	37.100	ng	99
35) Caprolactam	11.63	113	29658	19.085	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	201626	45.332	ng	100
37) 2-Methylnaphthalene	12.37	142	423791	42.473	ng	99
38) 1-Methylnaphthalene	12.58	142	399271	42.443	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208352	35.481	ng	99

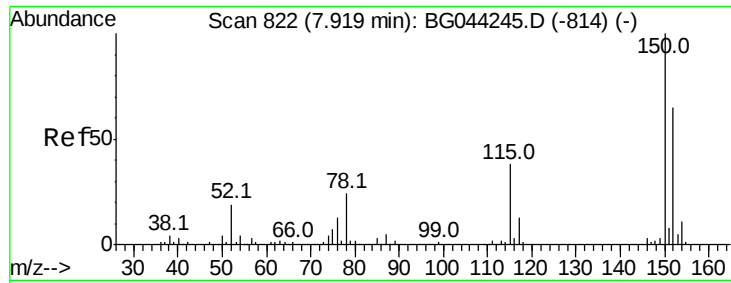
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	258555	91.762	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	151977	40.040	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	169627	43.753	ng	98
46) 1,1'-Biphenyl	13.38	154	540661	38.182	ng	98
47) 2-Chloronaphthalene	13.42	162	423657	37.599	ng	99
48) 2-Nitroaniline	13.62	65	128503	38.643	ng	99
49) Acenaphthylene	14.26	152	686393	41.532	ng	99
50) Dimethylphthalate	14.00	163	575922	40.813	ng	99
51) 2,6-Dinitrotoluene	14.11	165	130780	41.566	ng	98
52) Acenaphthene	14.60	154	420876	39.289	ng	98
53) 3-Nitroaniline	14.44	138	93038	26.728	ng	98
54) 2,4-Dinitrophenol	14.65	184	153840	82.277	ng	99
55) Dibenzofuran	14.94	168	670581	41.346	ng	98
56) 4-Nitrophenol	14.76	139	257913	101.150	ng	97
57) 2,4-Dinitrotoluene	14.90	165	189092	42.880	ng	99
58) Fluorene	15.59	166	541827	42.415	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	157239	44.902	ng	99
60) Diethylphthalate	15.37	149	597088	42.465	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	279714	40.384	ng	100
62) 4-Nitroaniline	15.61	138	141775	40.760	ng	99
63) Azobenzene	15.88	77	517221	41.971	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	117140	44.869	ng	96
66) n-Nitrosodiphenylamine	15.80	169	517995	39.081	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	192922	37.440	ng	99
68) Hexachlorobenzene	16.60	284	210801	36.516	ng	99
69) Atrazine	16.75	200	211402	46.534	ng	100
70) Pentachlorophenol	16.95	266	240442	82.271	ng	95
71) Phenanthrene	17.33	178	934332	40.796	ng	99
72) Anthracene	17.42	178	966751	42.696	ng	98
73) Carbazole	17.69	167	890302	42.652	ng	99
74) Di-n-butylphthalate	18.26	149	1109024	42.994	ng	98
75) Fluoranthene	19.34	202	1164154	43.941	ng	100
77) Benzidine	19.52	184	582849	46.927	ng	99
78) Pyrene	19.70	202	1164695	40.502	ng	99
80) Butylbenzylphthalate	20.60	149	498072	38.007	ng	98
81) Benzo(a)anthracene	21.51	228	1113340	40.343	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	312647	29.190	ng	99
83) Chrysene	21.58	228	1060130	39.742	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	706890	39.190	ng	100
85) Di-n-octyl phthalate	22.60	149	1238680	39.690	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1367636	39.298	ng	100
88) Benzo(b)fluoranthene	23.65	252	1170625	40.557	ng	98
89) Benzo(k)fluoranthene	23.71	252	1164382	41.390	ng	99
90) Benzo(a)pyrene	24.47	252	1090389	39.955	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1126946	41.726	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1149217	42.505	ng	100

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

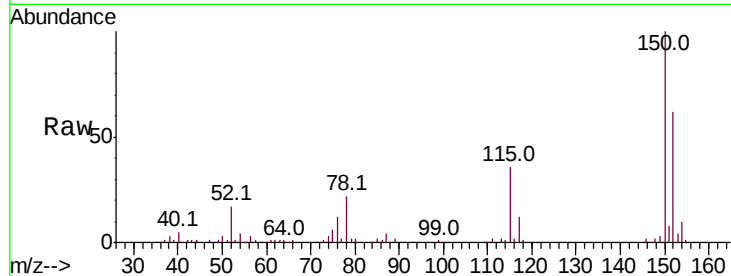


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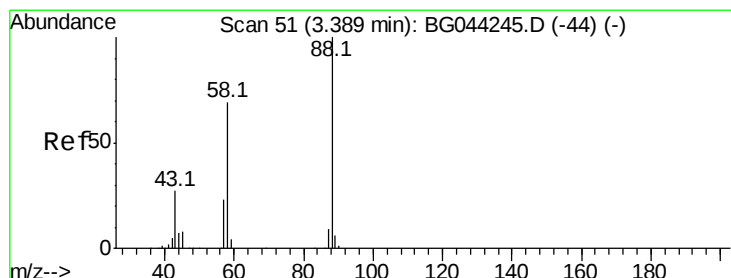
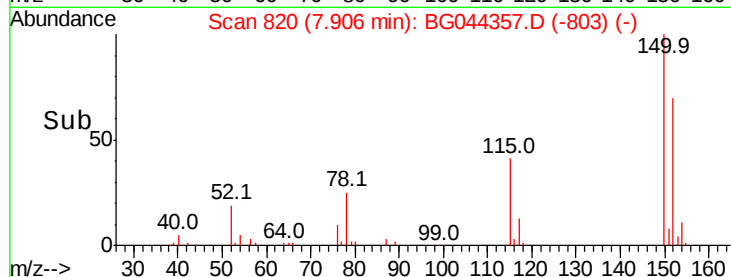
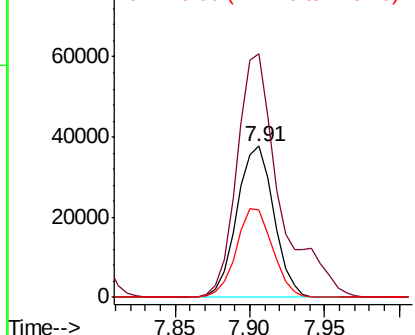
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:152 Resp: 64763
Ion Ratio Lower Upper
152 100
150 161.2 122.6 183.8
115 58.3 46.0 69.0



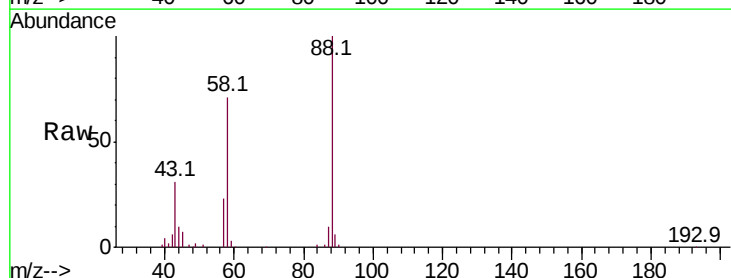
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



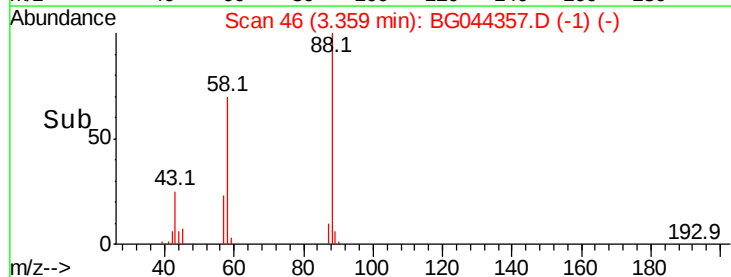
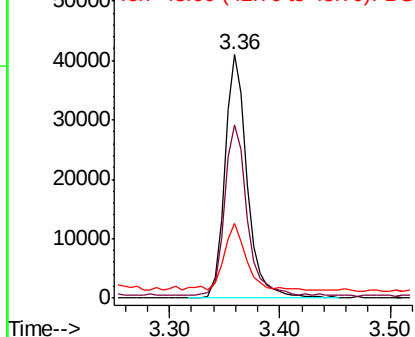
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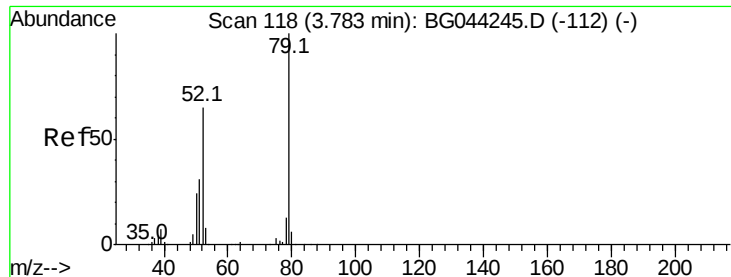
1,4-Dioxane
Concen: 35.161 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion: 88 Resp: 57971
Ion Ratio Lower Upper
88 100
58 69.6 55.8 83.6
43 28.7 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: 31.758 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

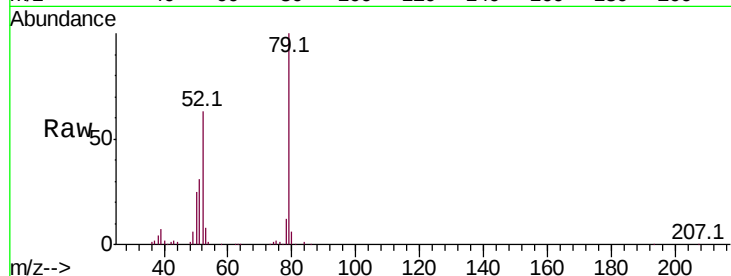
Tot Ion: 79 Resp: 139500

Ion Ratio Lower Upper

79 100

52 63.1 51.9 77.9

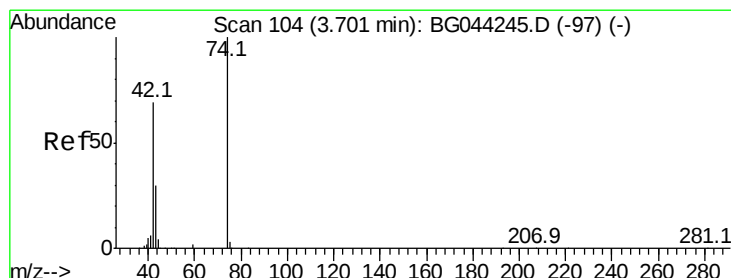
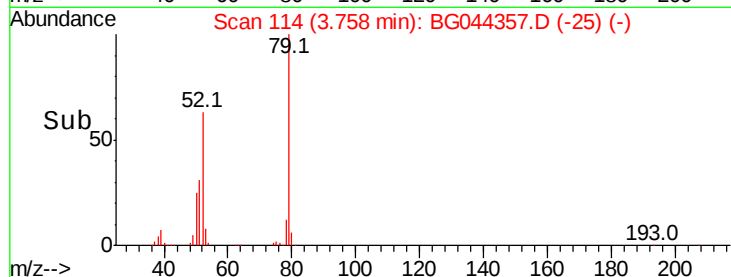
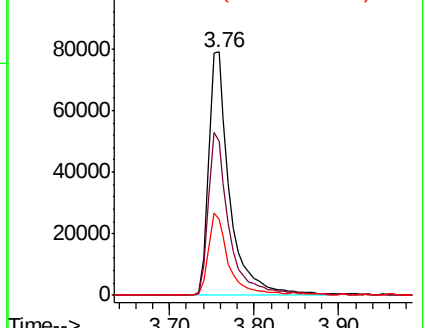
51 31.4 25.3 37.9



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: 39.177 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

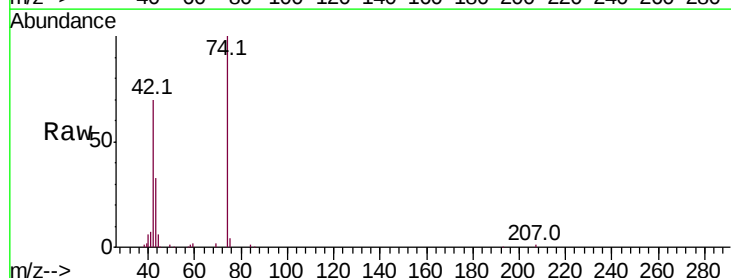
Tgt Ion: 42 Resp: 71911

Ion Ratio Lower Upper

42 100

74 142.2 115.1 172.7

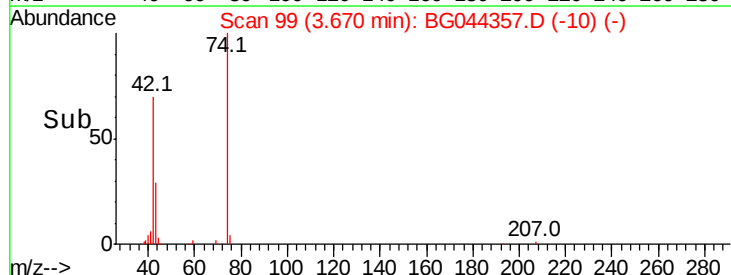
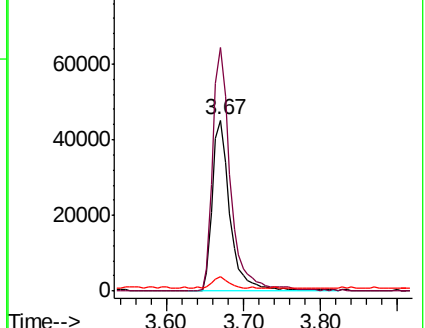
44 8.3 5.6 8.4

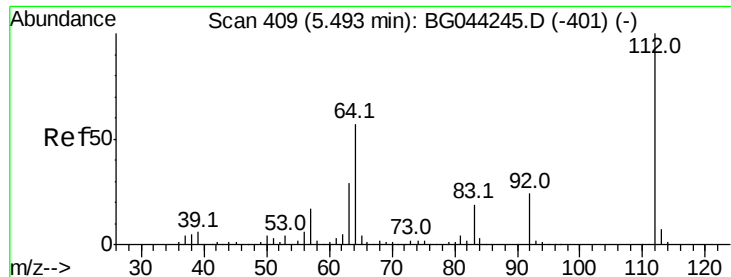


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.290 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

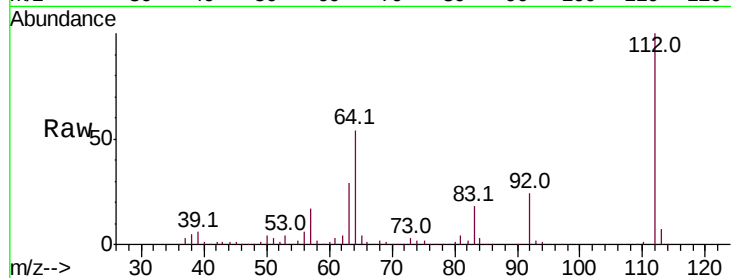
Tot Ion:112 Resp: 459766

Ion Ratio Lower Upper

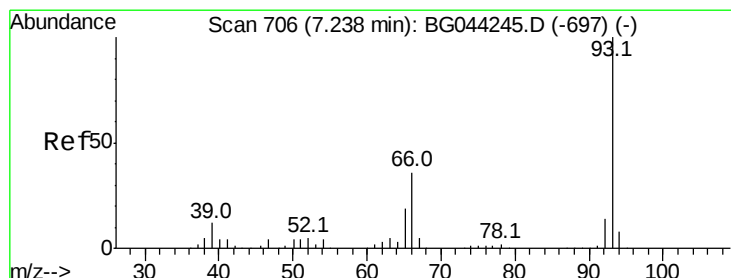
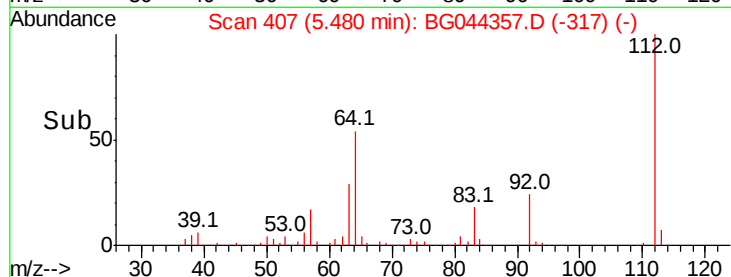
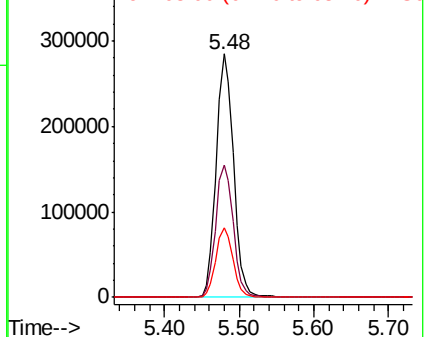
112 100

64 54.5 45.4 68.2

63 28.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.731 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

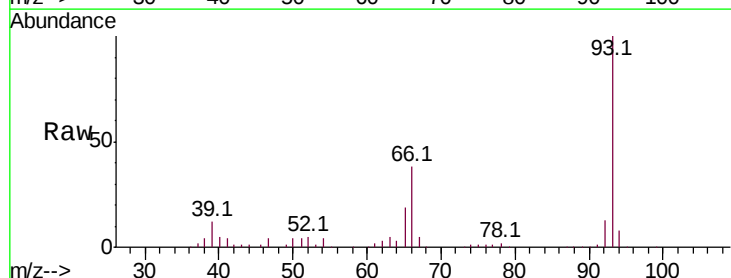
Tgt Ion: 93 Resp: 218551

Ion Ratio Lower Upper

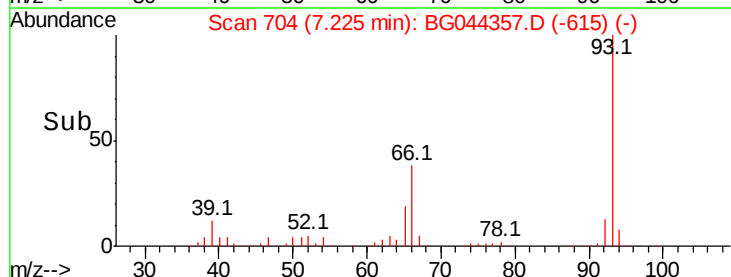
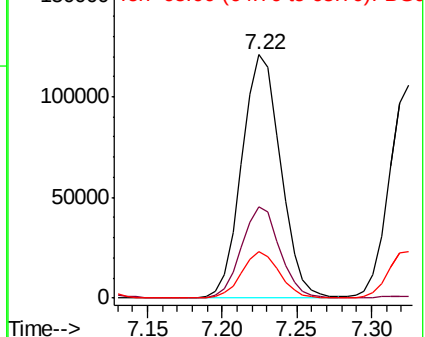
93 100

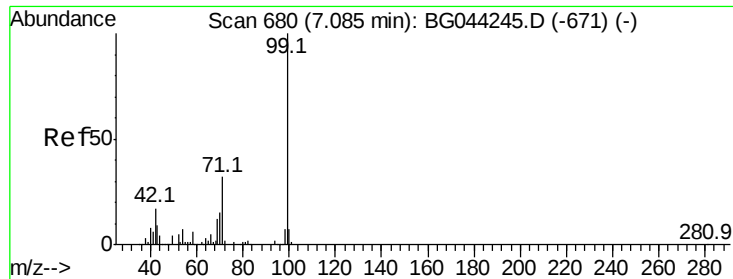
66 37.6 28.7 43.1

65 18.9 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: 126.237 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

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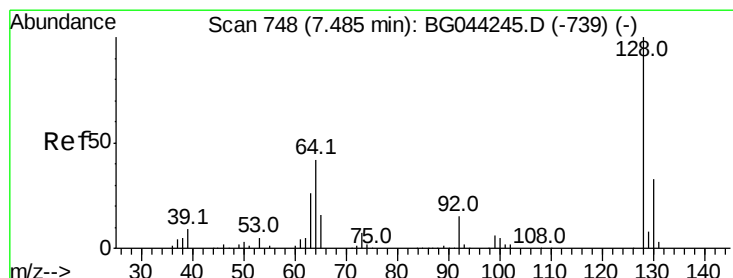
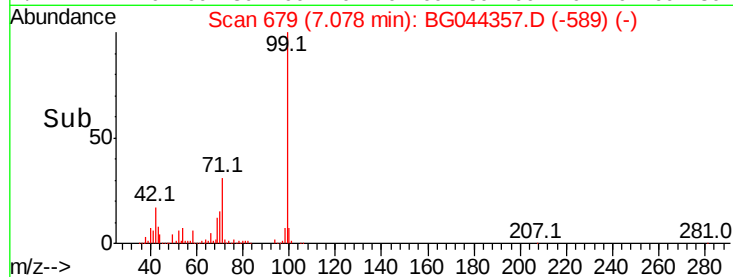
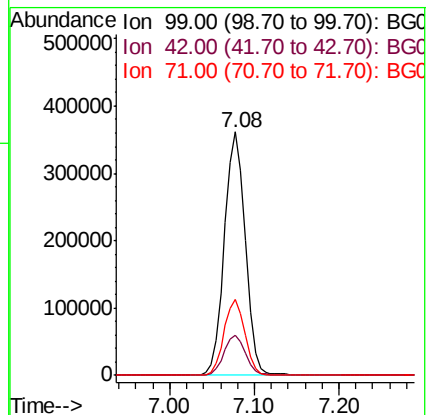
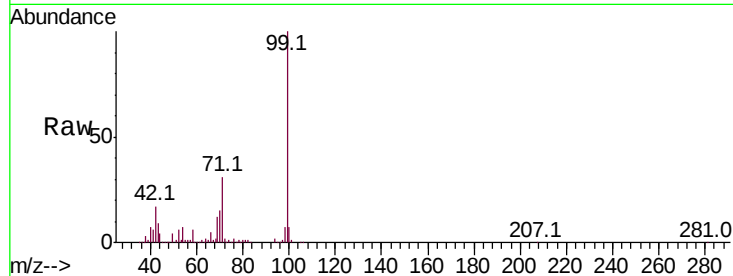
Tot Ion: 99 Resp: 622064

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 31.2 25.5 38.3



#8

2-Chlorophenol

Concen: 45.769 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

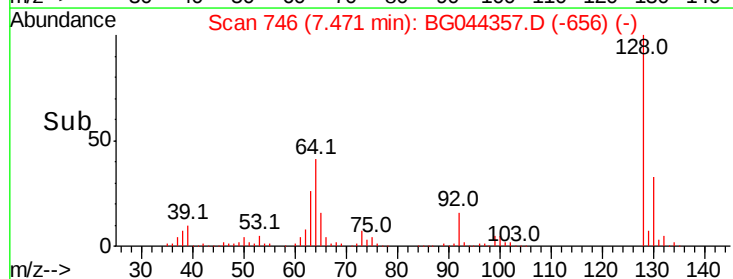
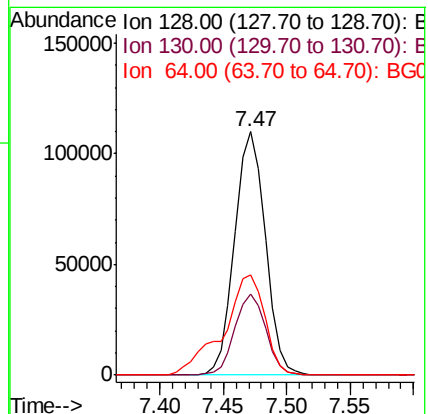
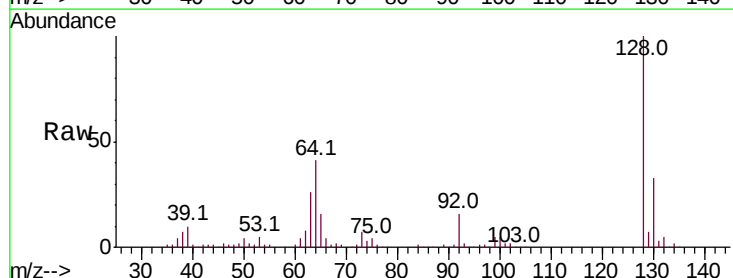
Tgt Ion: 128 Resp: 184589

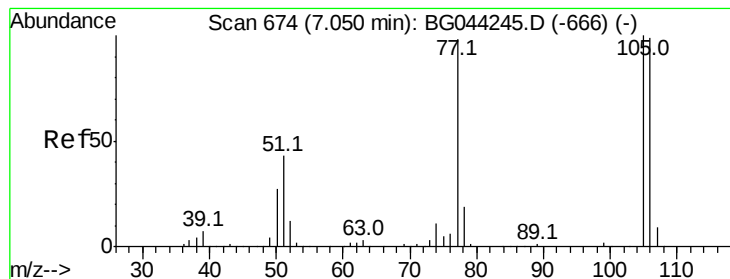
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 41.1 24.2 64.2





#9

Benzaldehyde

Concen: 29.209 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

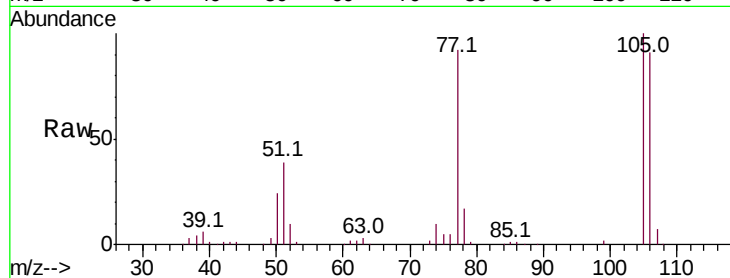
Tot Ion: 77 Resp: 81975

Ion Ratio Lower Upper

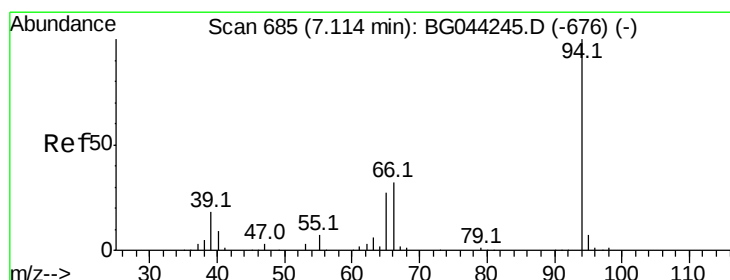
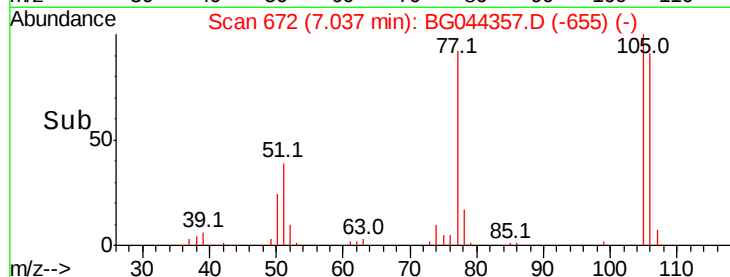
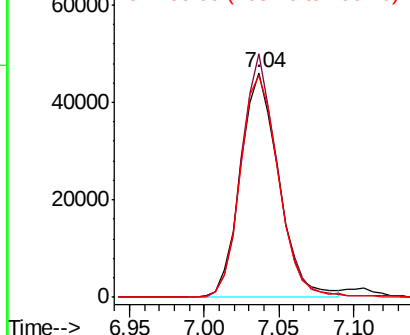
77 100

105 108.4 82.0 122.0

106 98.7 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: 46.744 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

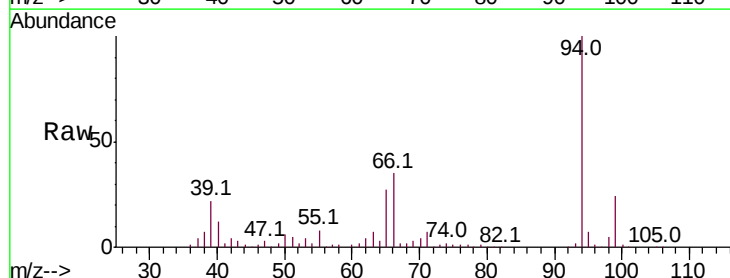
Tgt Ion: 94 Resp: 227961

Ion Ratio Lower Upper

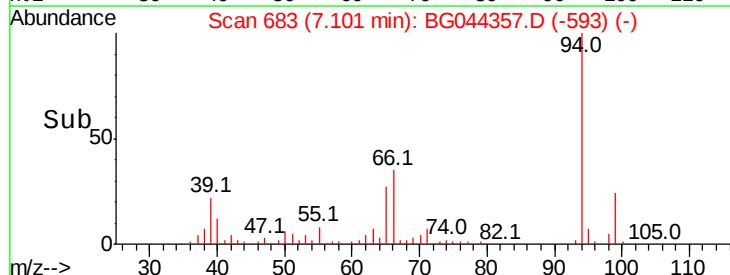
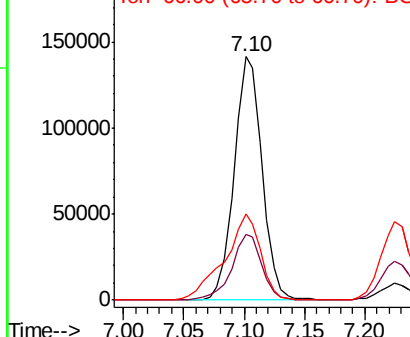
94 100

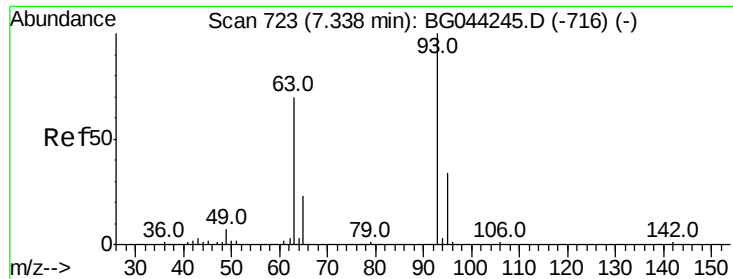
65 27.0 7.0 47.0

66 35.3 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

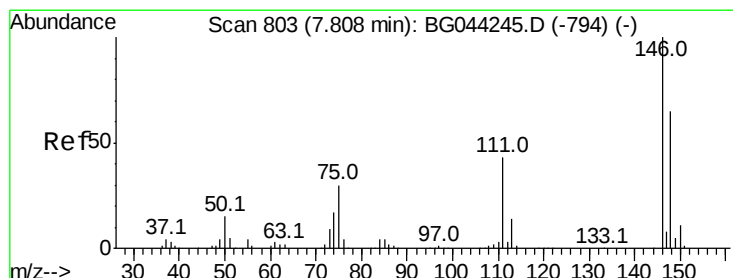
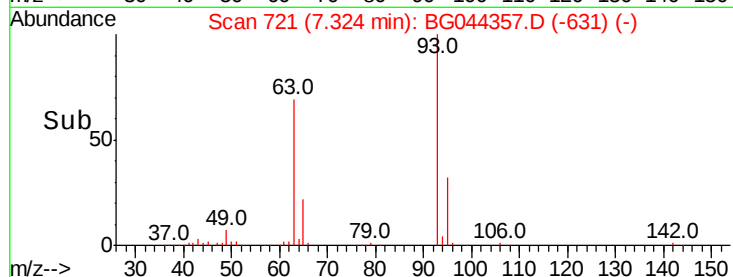
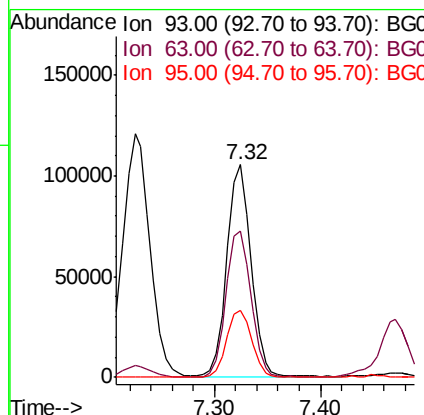
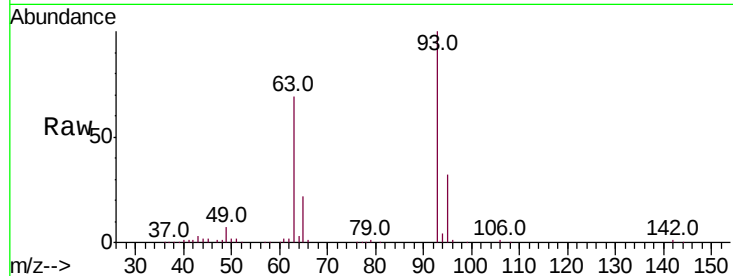




#11
bis(2-Chloroethyl)ether
Concen: 40.787 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

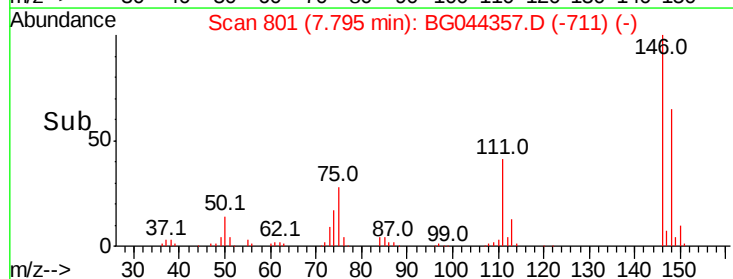
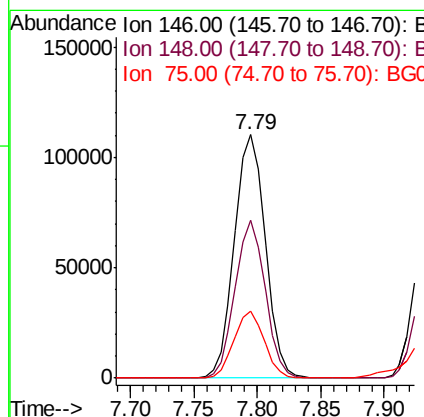
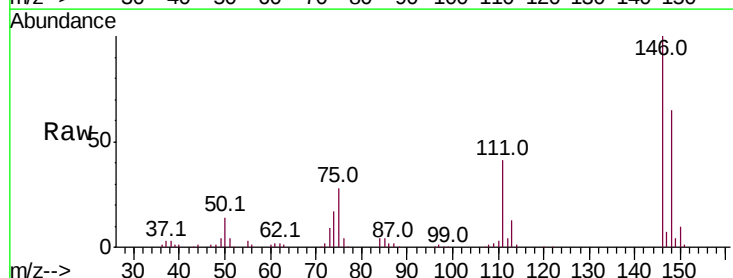
Instrument :
BNA_G
ClientSampleId :
PB126601BS

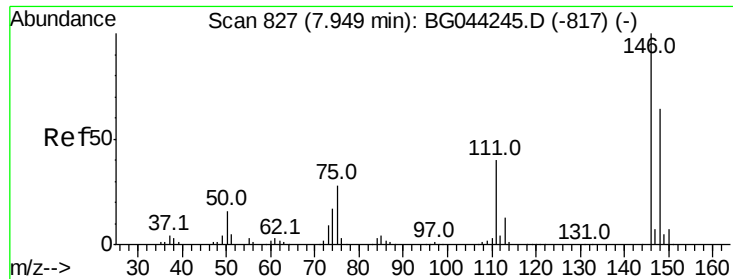
Tot Ion: 93 Resp: 170054
Ion Ratio Lower Upper
93 100
63 68.8 49.2 89.2
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.810 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion: 146 Resp: 186881
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 27.6 23.7 35.5

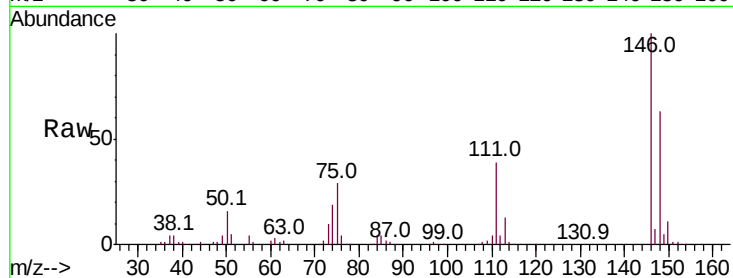




#13
 1,4-Dichlorobenzene
 Concen: 39.112 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
111	39.2	31.8	47.8

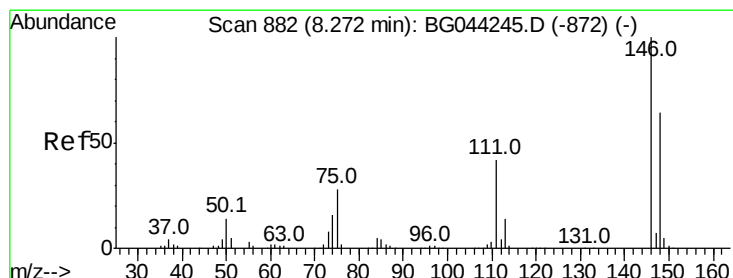
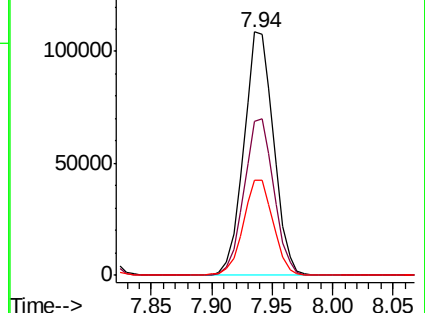
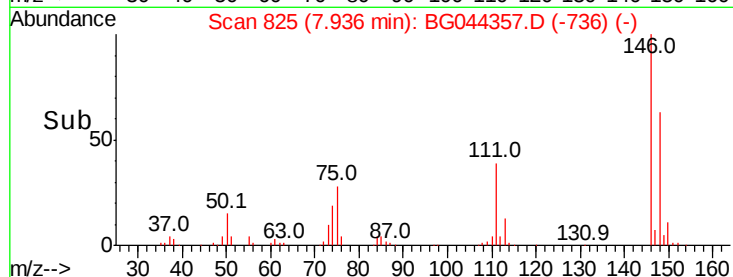


Abundance

Ion 146.00 (145.70 to 146.70): E

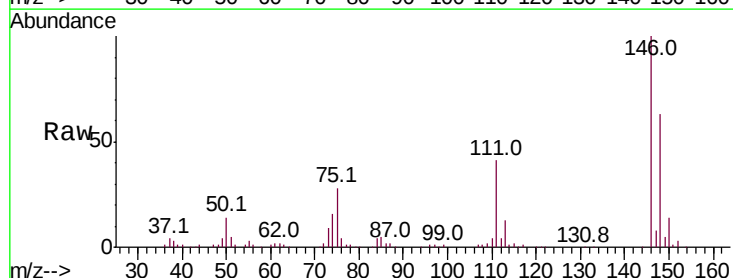
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.683 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.2	76.8
111	41.4	34.0	51.0

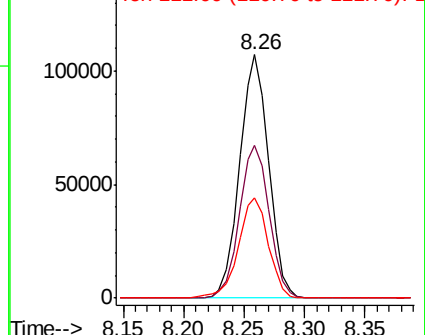
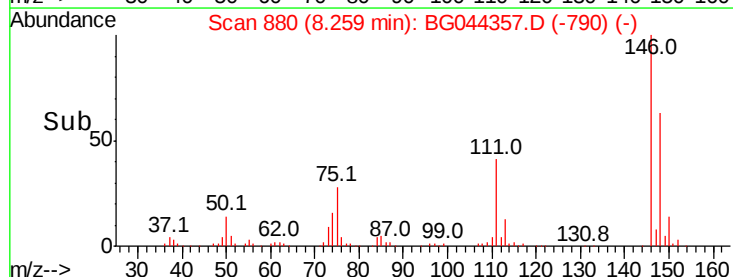


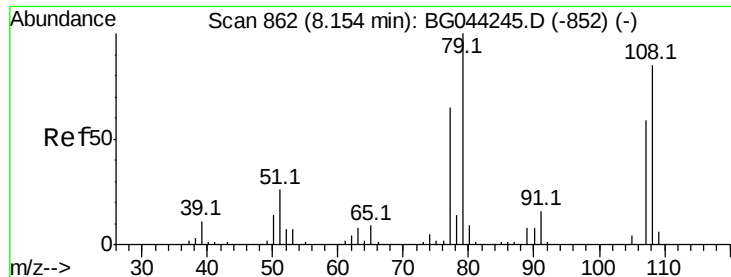
Abundance

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: 43.461 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampled :

PB126601BS

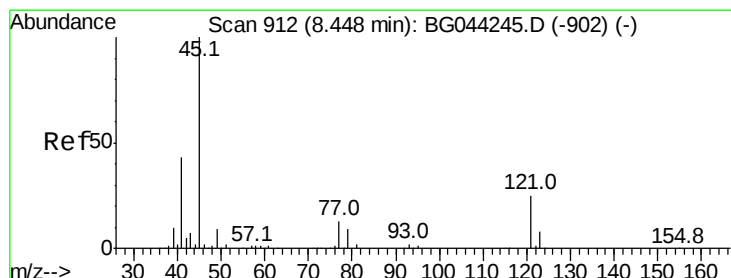
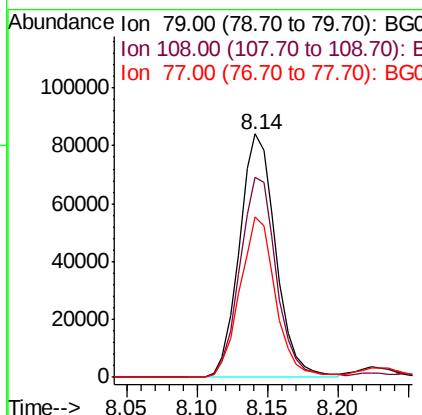
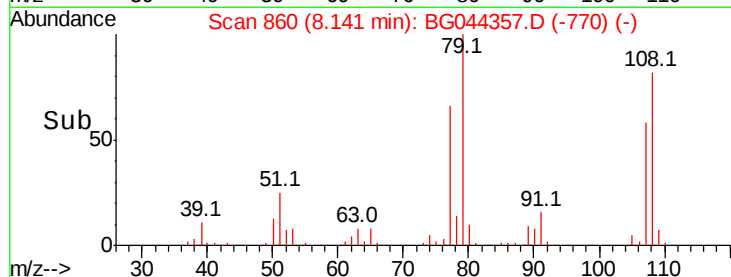
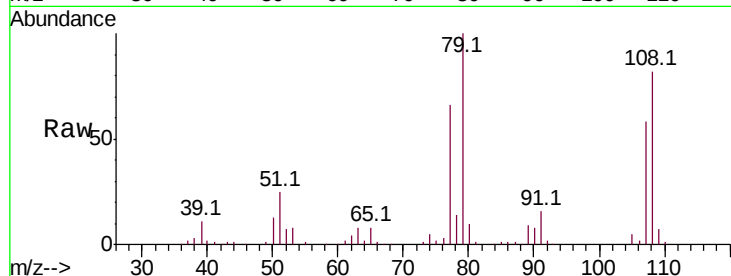
Tot Ion: 79 Resp: 151622

Ion Ratio Lower Upper

79 100

108 82.3 68.3 102.5

77 65.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.367 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

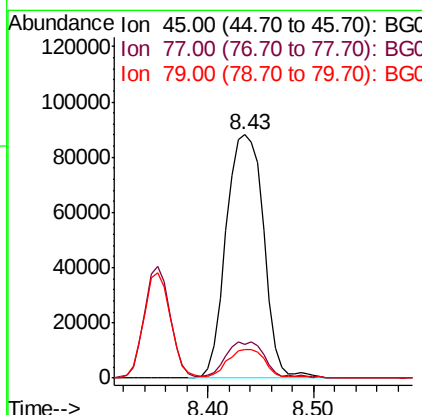
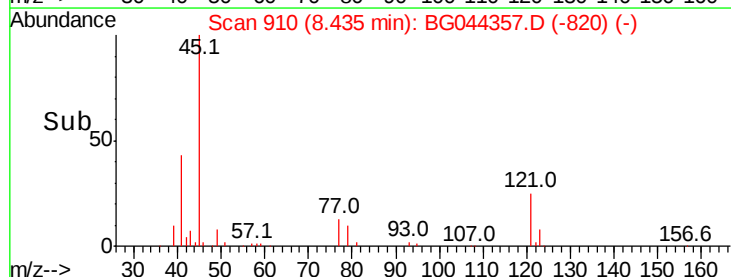
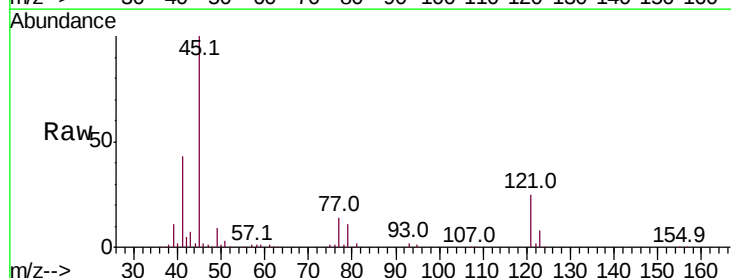
Tgt Ion: 45 Resp: 216510

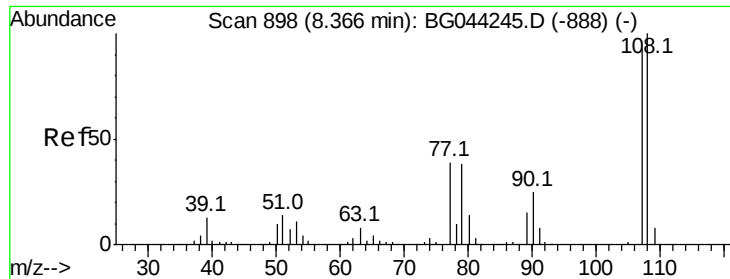
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.2

79 11.5 0.0 31.1

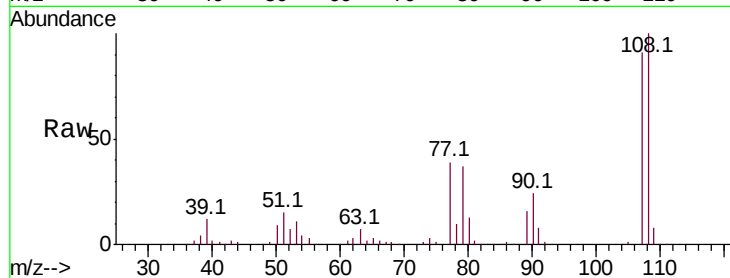




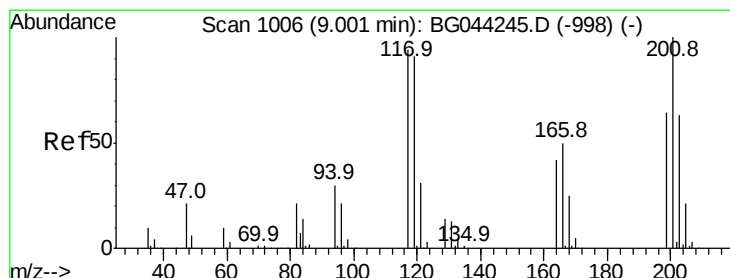
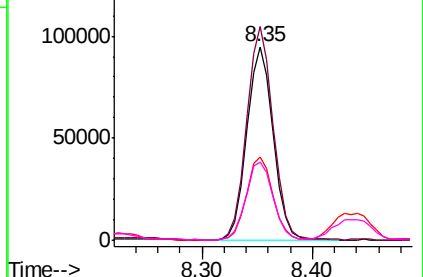
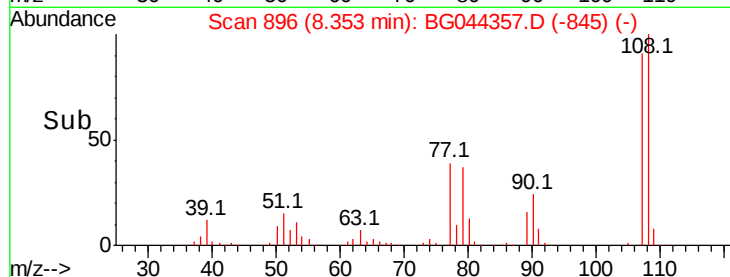
#17
2-Methylphenol
Concen: 45.959 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:107 Resp: 159916
Ion Ratio Lower Upper
107 100
108 110.3 86.4 129.6
77 42.7 34.0 51.0
79 40.3 32.9 49.3

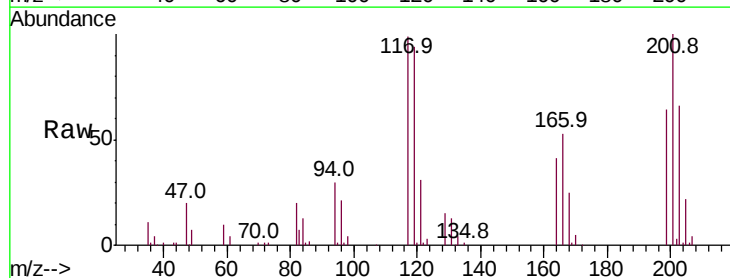


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

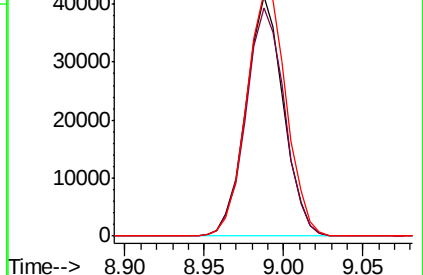
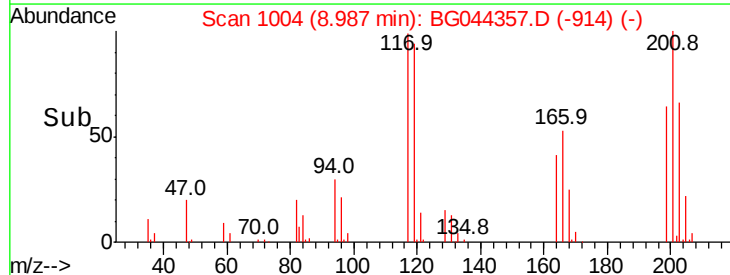


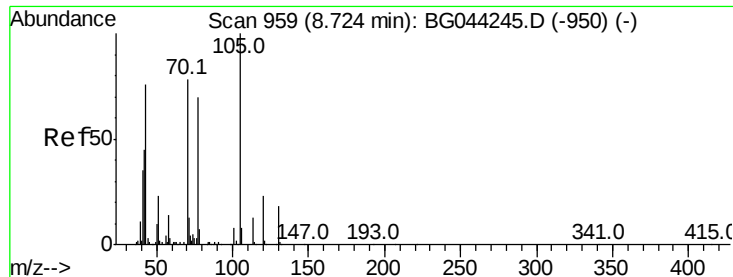
#18
Hexachloroethane
Concen: 37.928 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:117 Resp: 67878
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
201 101.4 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: 40.705 ng

RT: 8.71 min Scan# 957

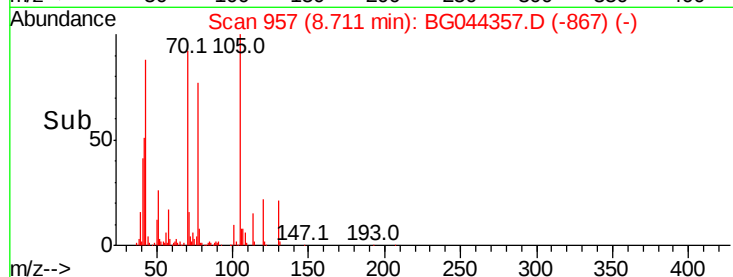
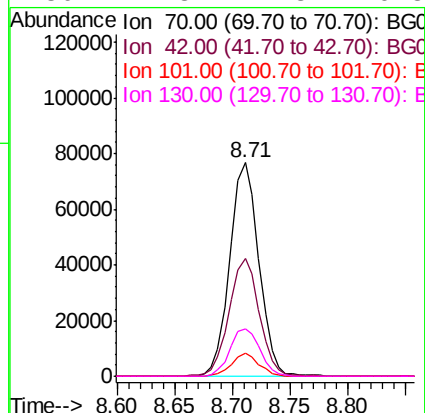
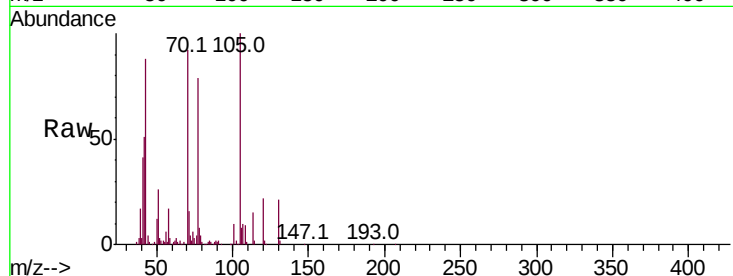
Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	70	Resp:	133681
Ion	Ratio	Lower	Upper
70	100		
42	55.2	46.2	69.2
101	10.6	8.4	12.6
130	22.3	17.8	26.8



#20

3+4-Methylphenols

Concen: 45.794 ng

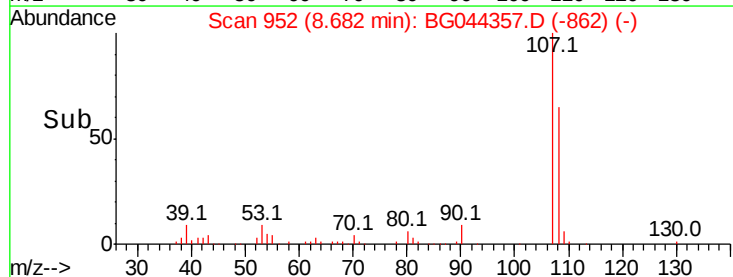
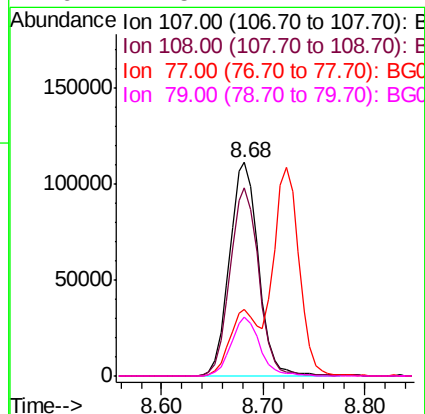
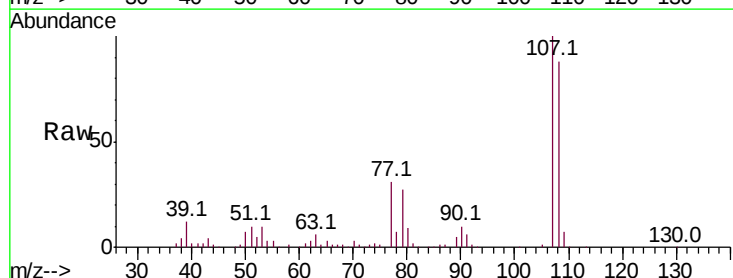
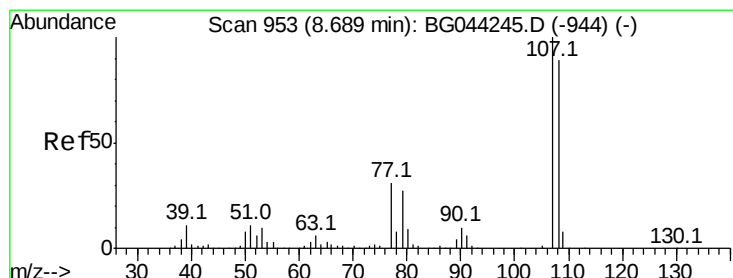
RT: 8.68 min Scan# 952

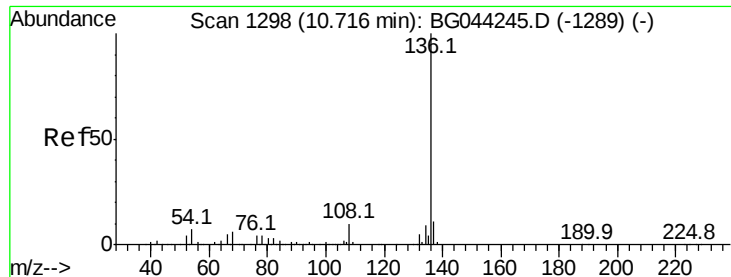
Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Tgt Ion:	107	Resp:	219595
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	31.1	10.9	50.9
79	27.5	7.1	47.1

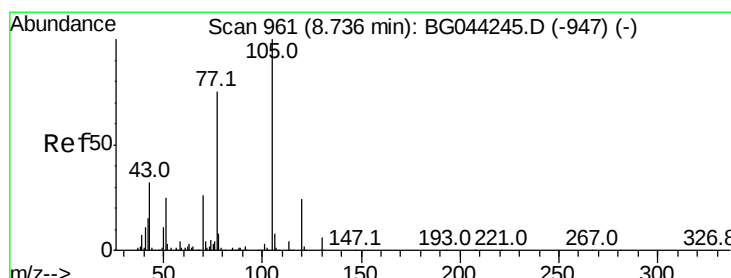
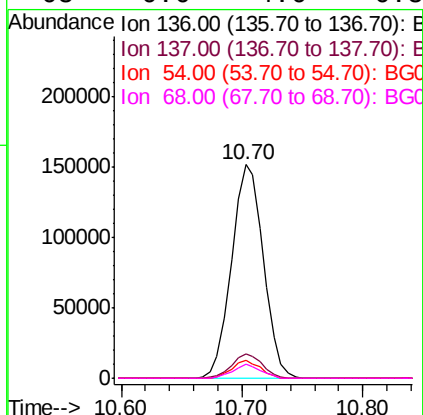
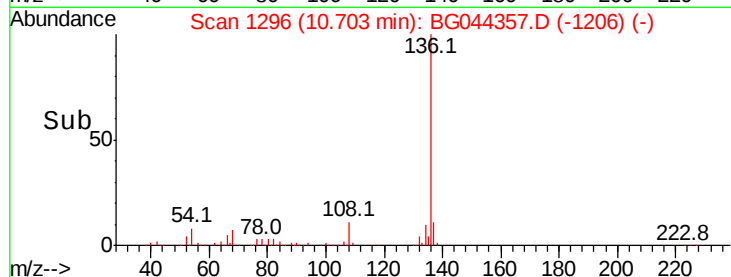
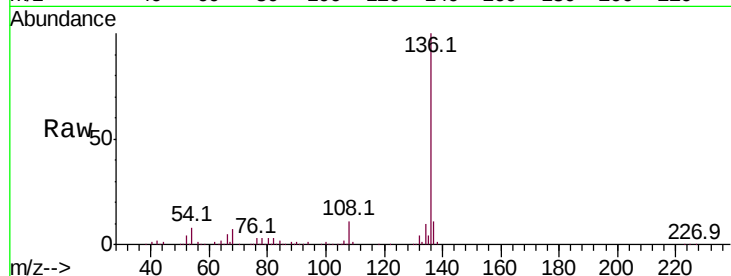




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

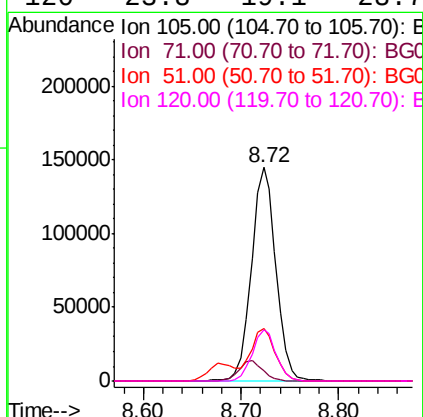
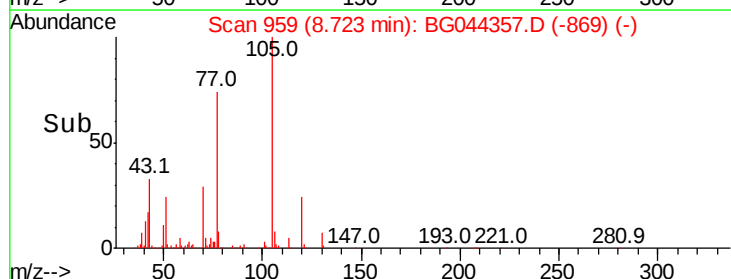
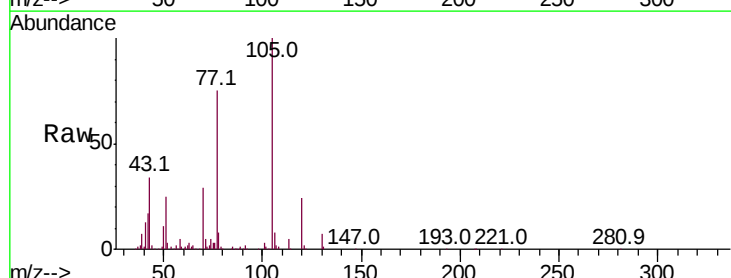
Instrument :
BNA_G
ClientSampleId :
PB126601BS

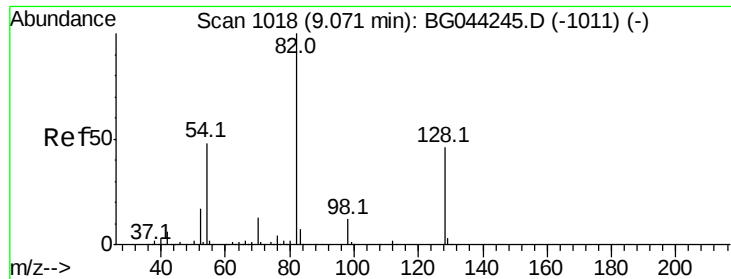
Tot Ion:136	Resp:	276992
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	8.2	5.8 8.8
68	6.6	4.6 6.8



#22
Acetophenone
Concen: 37.879 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:105	Resp:	255240
Ion Ratio	Lower	Upper
105	100	
71	4.8	3.4 5.0
51	24.7	20.2 30.4
120	23.8	19.1 28.7

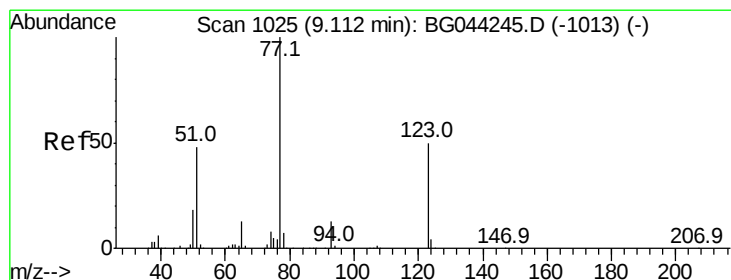
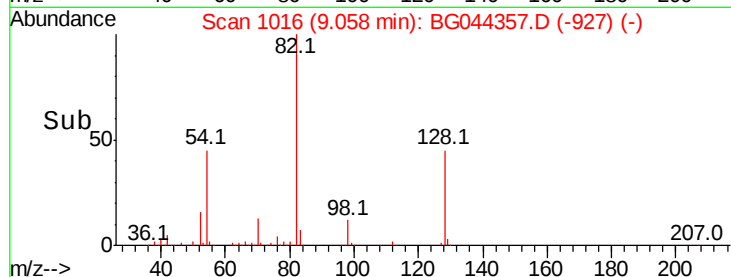
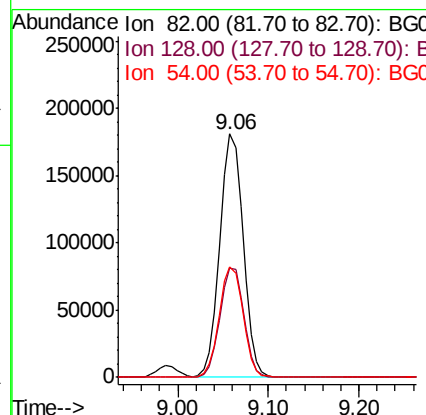
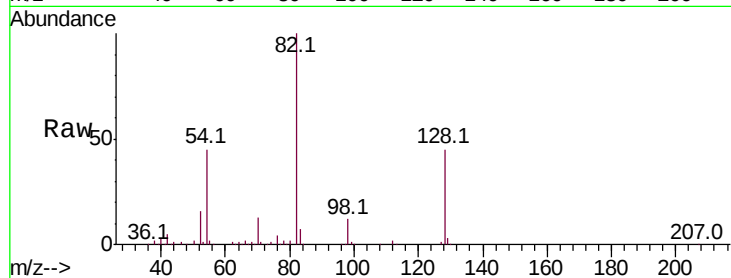




#23
Nitrobenzene-d5
Concen: 66.423 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

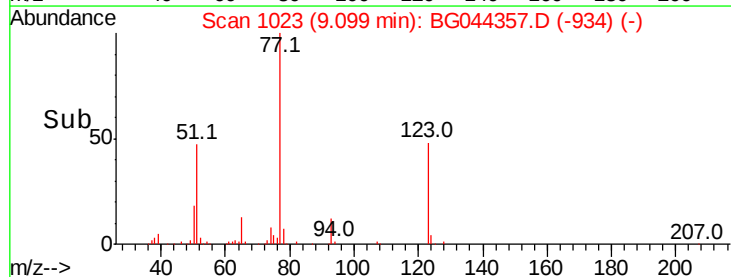
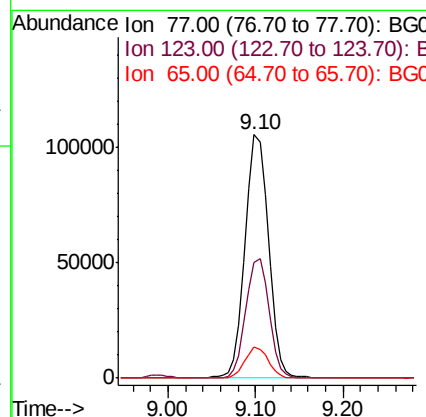
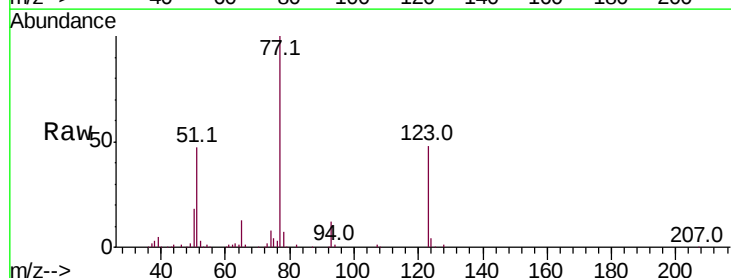
Instrument :
BNA_G
ClientSampleId :
PB126601BS

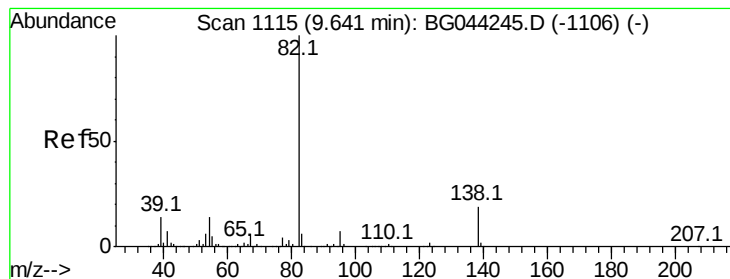
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.5	54.7
54	45.2	38.6	58.0



#24
Nitrobenzene
Concen: 39.808 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 41.156 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

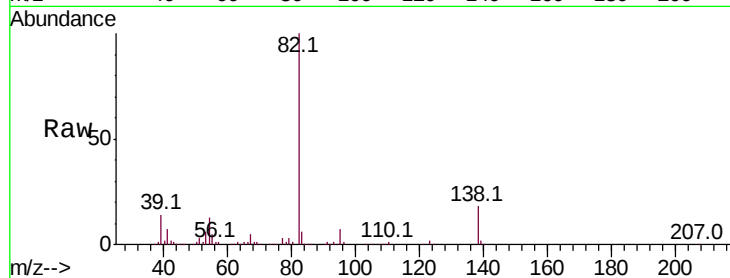
Tot Ion: 82 Resp: 376363

Ion Ratio Lower Upper

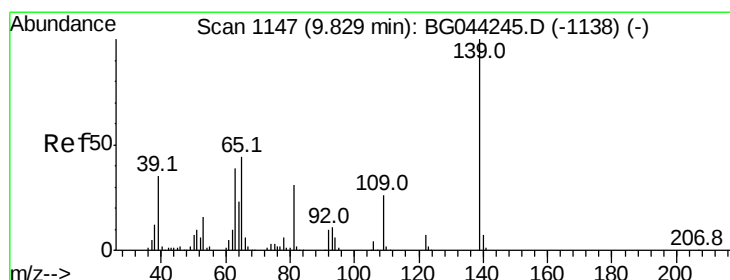
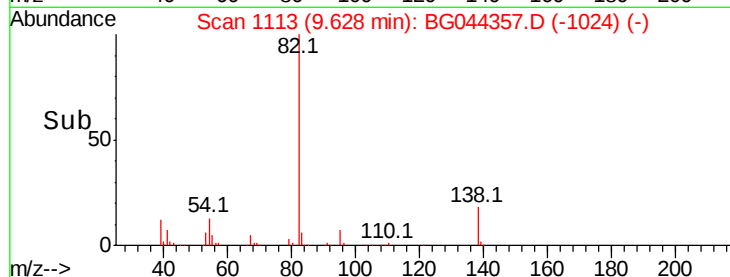
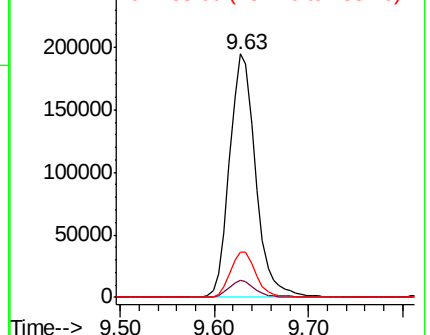
82 100

95 7.1 5.7 8.5

138 18.3 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: 42.404 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

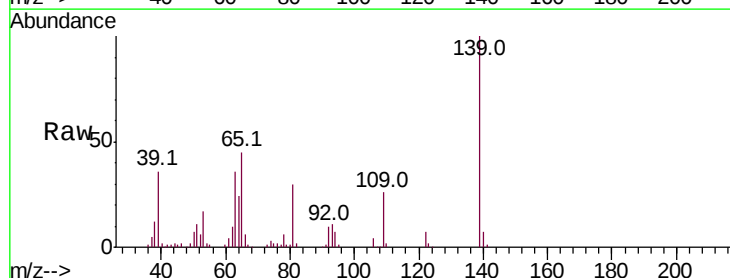
Tgt Ion: 139 Resp: 105389

Ion Ratio Lower Upper

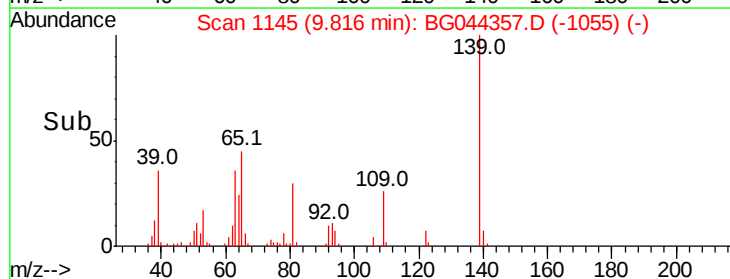
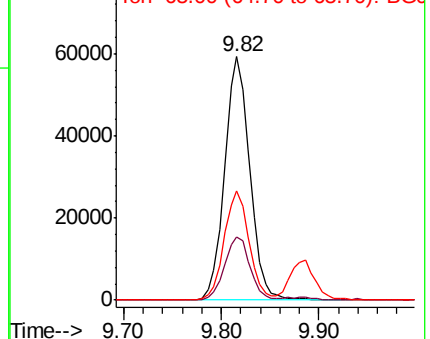
139 100

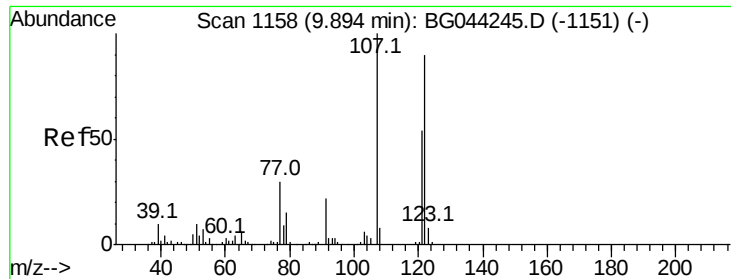
109 25.8 21.0 31.4

65 45.0 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

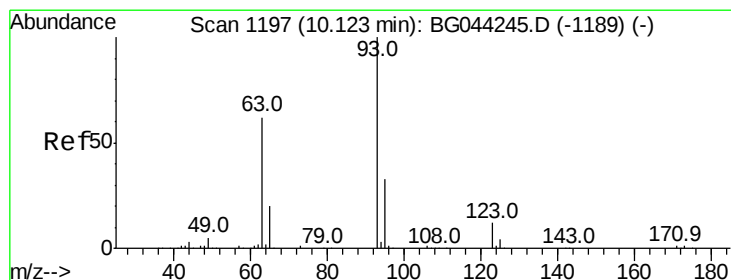
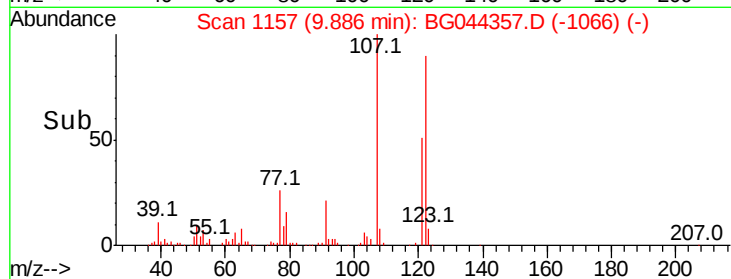
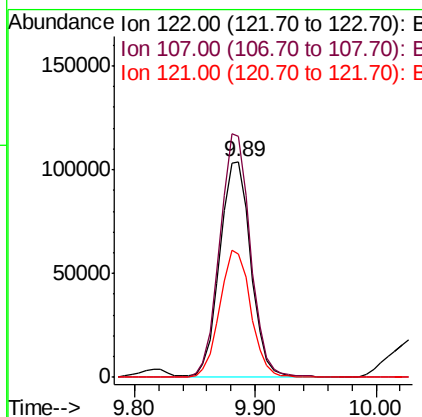
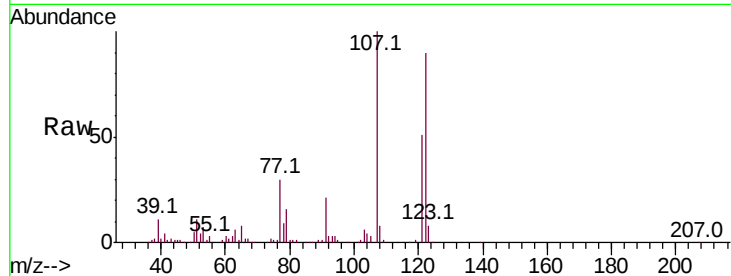




#27
 2,4-Dimethylphenol
 Concen: 52.503 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

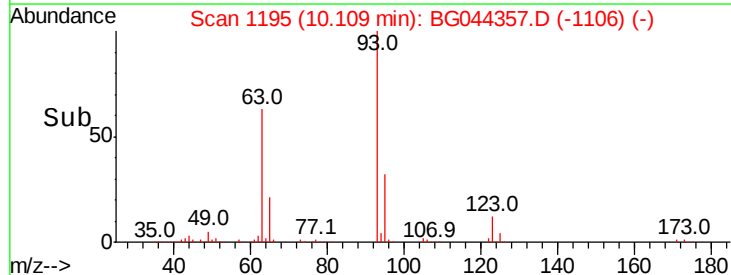
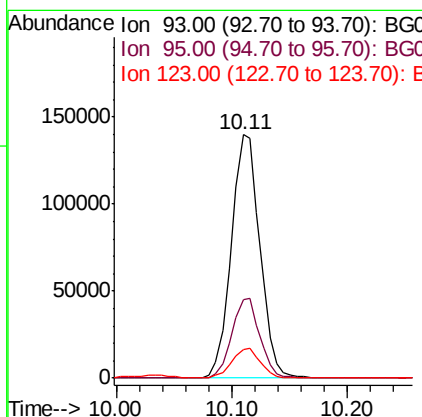
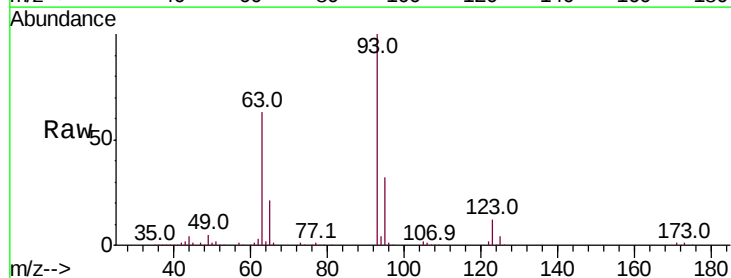
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

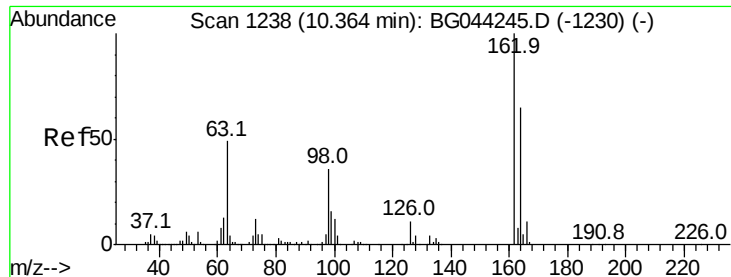
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.8	133.2
121	57.2	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.260 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	11.8	10.0	15.0

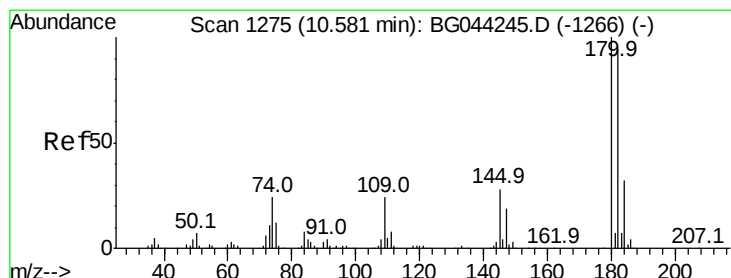
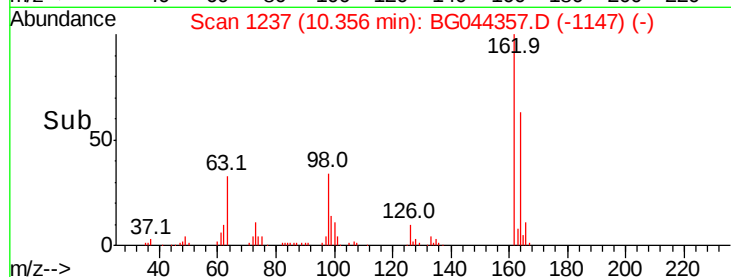
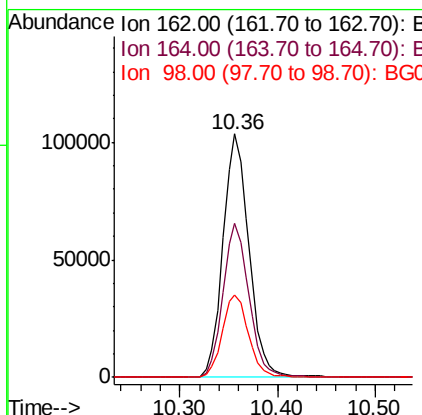
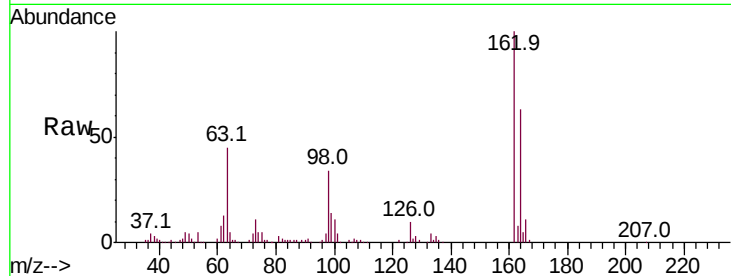




#29
2,4-Dichlorophenol
Concen: 44.961 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

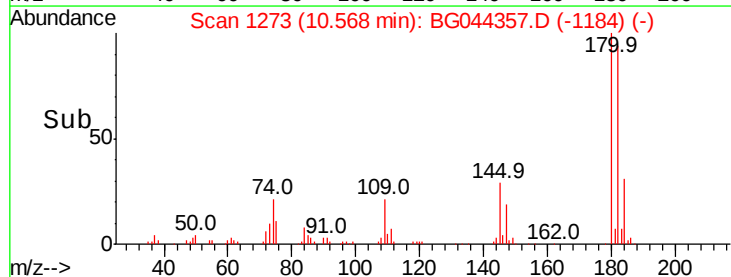
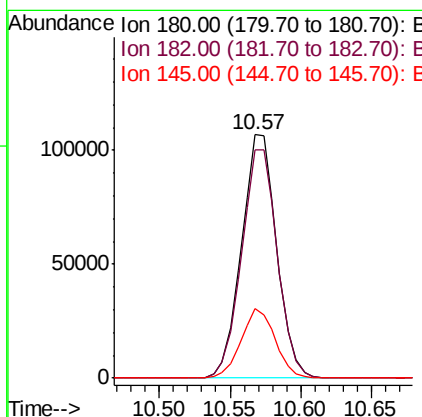
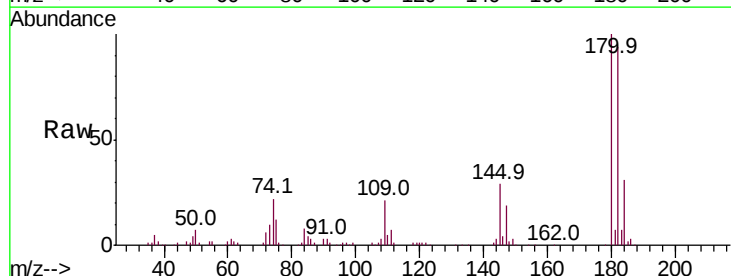
Instrument :
BNA_G
ClientSampleId :
PB126601BS

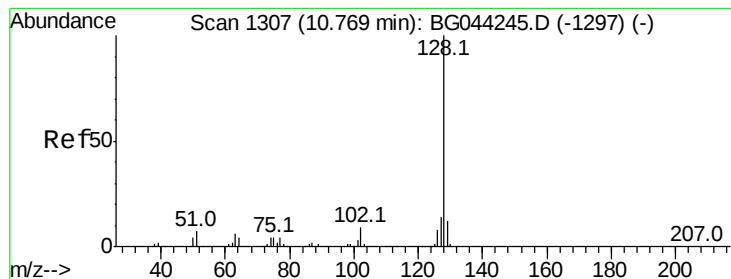
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	34.0	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 38.296 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.5	113.3
145	28.7	22.6	34.0





#31

Naphthalene

Concen: 41.137 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

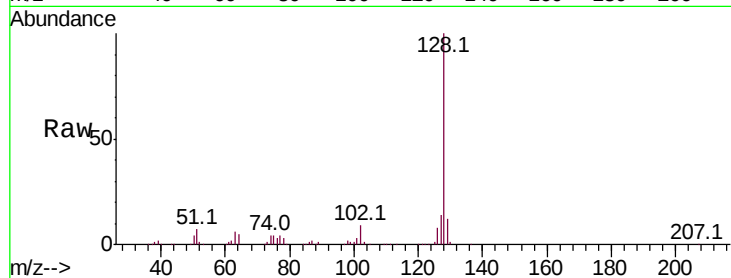
Tot Ion:128 Resp: 552839

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

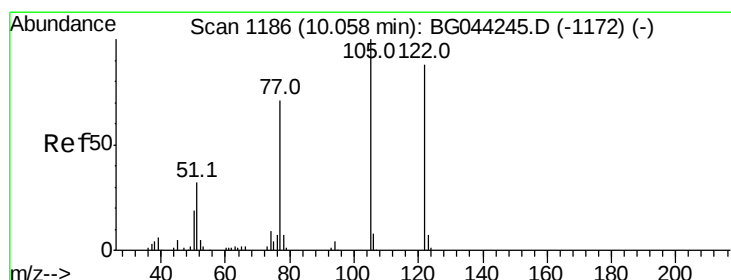
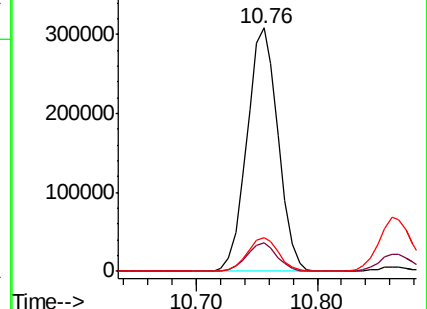
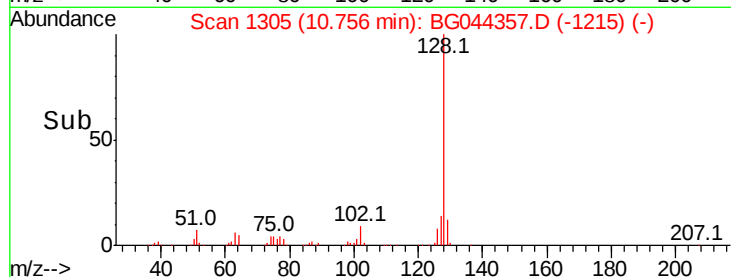
127 14.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.075 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

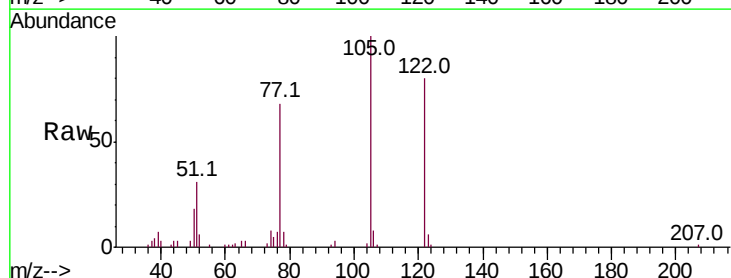
Tgt Ion:122 Resp: 55426

Ion Ratio Lower Upper

122 100

105 125.6 93.5 133.5

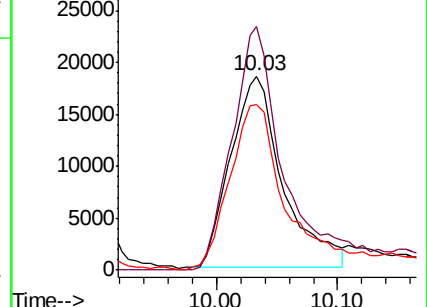
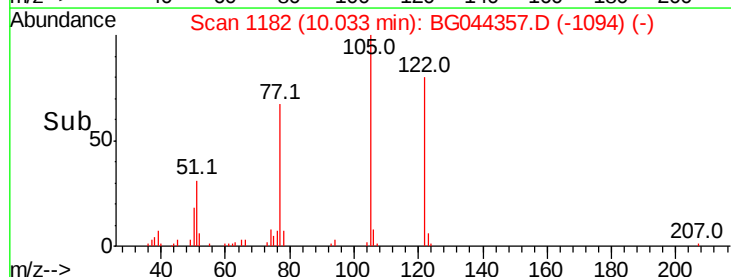
77 85.3 61.0 101.0

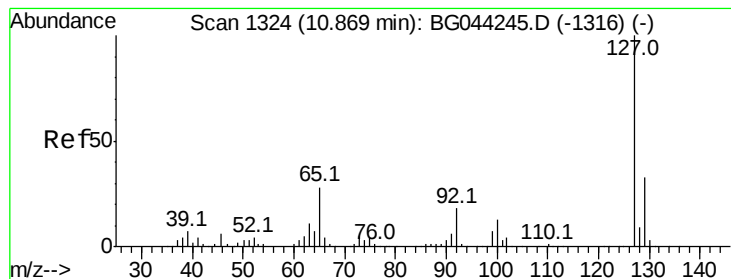


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





#33

4-Chloroaniline

Concen: 22.340 ng

RT: 10.86 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:127 Resp: 136540

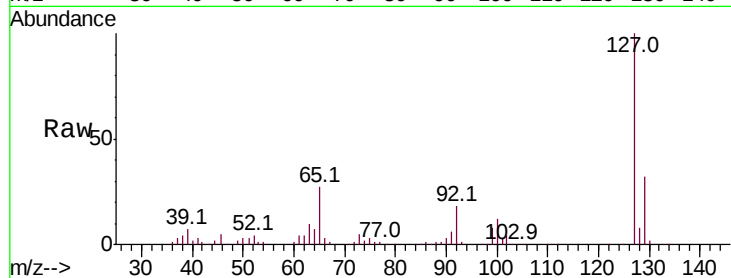
Ion Ratio Lower Upper

127 100

129 32.3 26.6 40.0

65 26.9 22.5 33.7

92 18.3 14.1 21.1

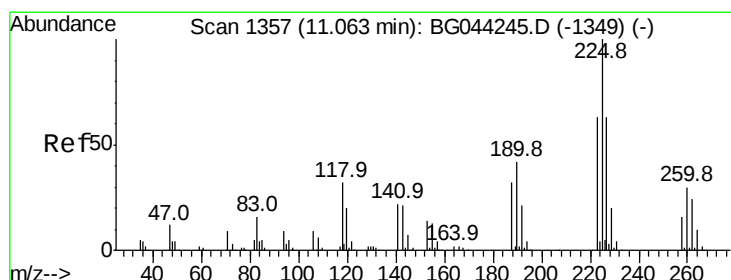
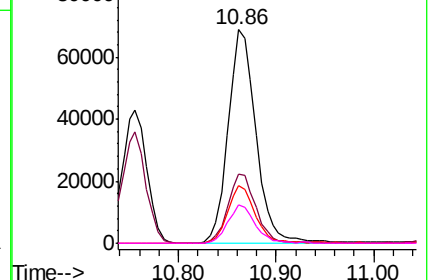
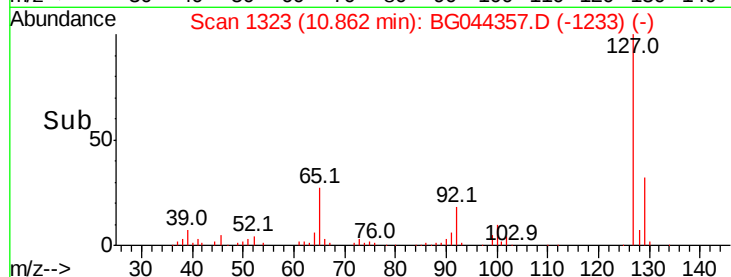


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 37.100 ng

RT: 11.05 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

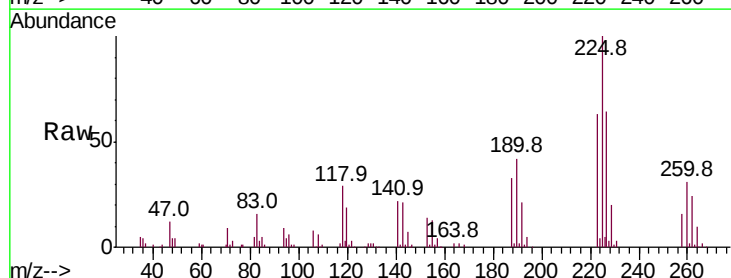
Tgt Ion:225 Resp: 111045

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.4

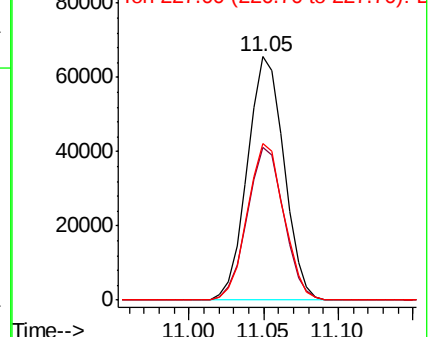
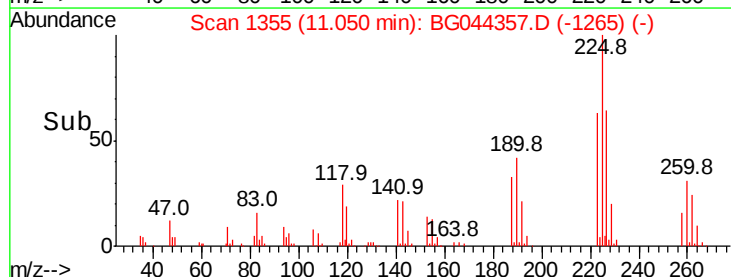
227 64.3 50.8 76.2

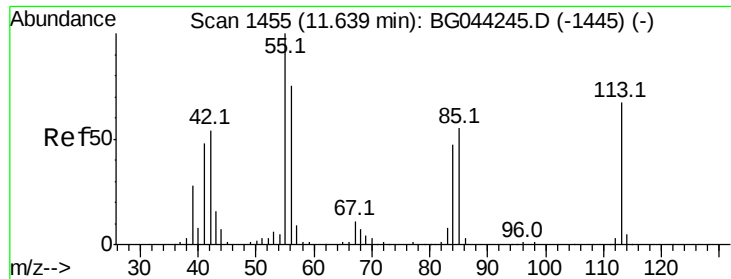


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.085 ng

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

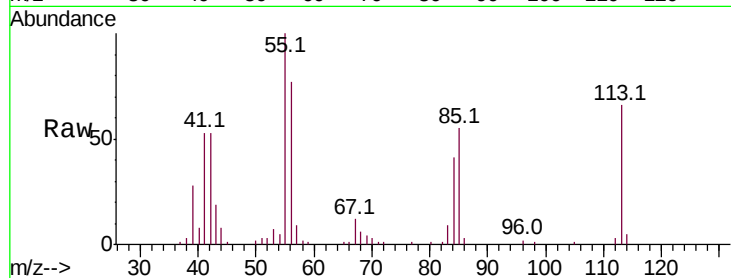
Tot Ion:113 Resp: 29658

Ion Ratio Lower Upper

113 100

55 151.4 129.9 169.9

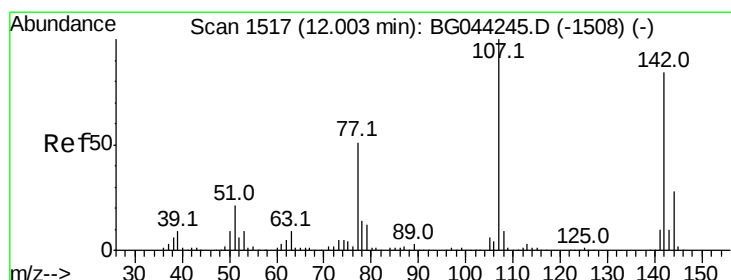
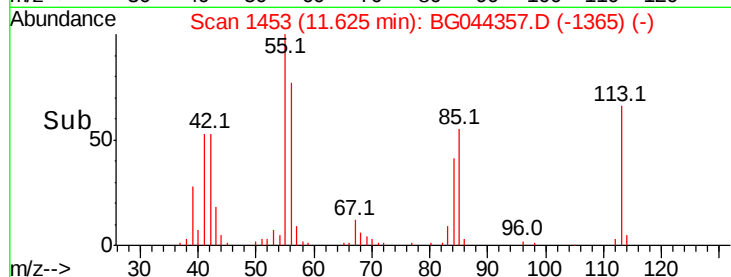
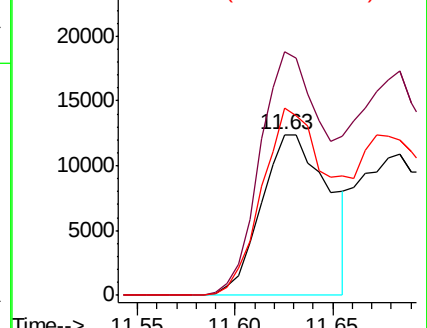
56 116.6 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.332 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

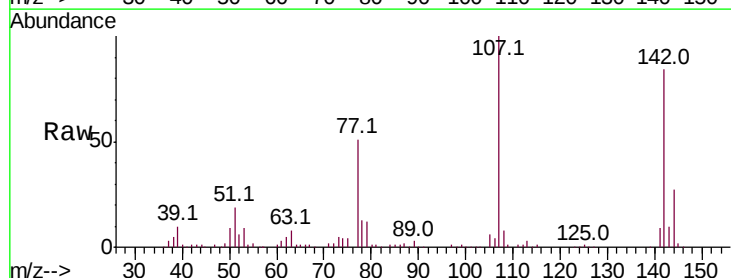
Tgt Ion:107 Resp: 201626

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

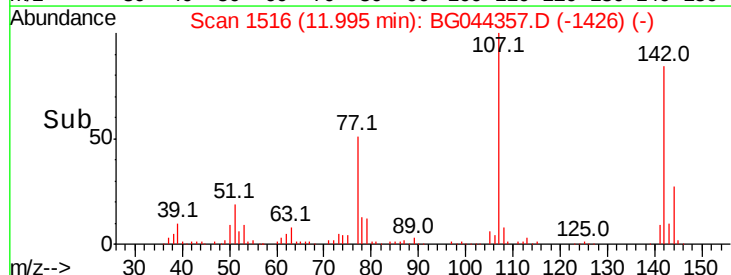
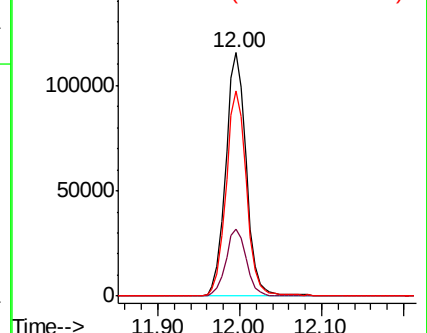
142 84.1 67.4 101.0

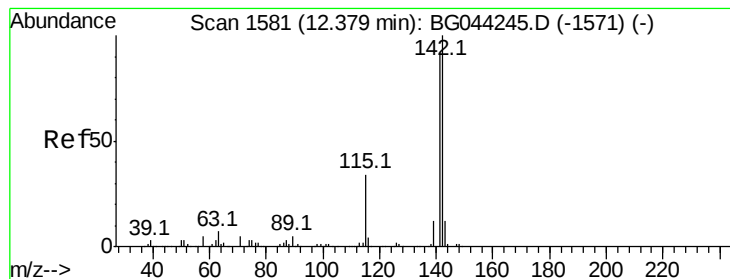


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.473 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

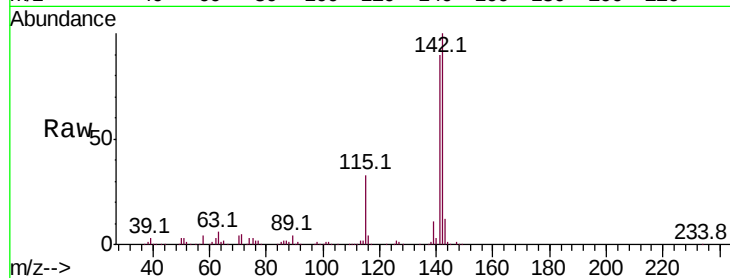
Tot Ion:142 Resp: 423791

Ion Ratio Lower Upper

142 100

141 90.5 73.2 109.8

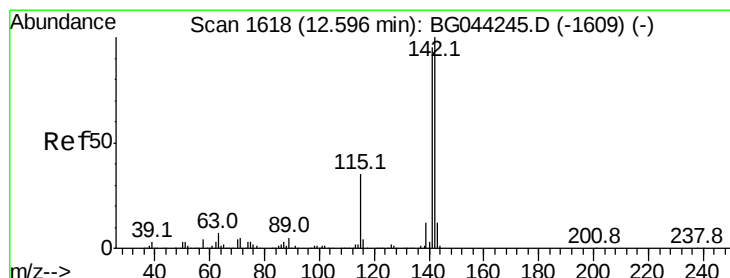
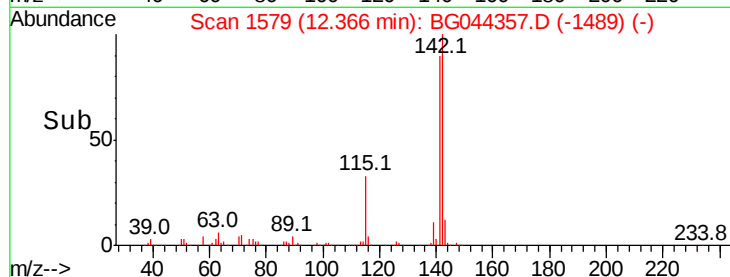
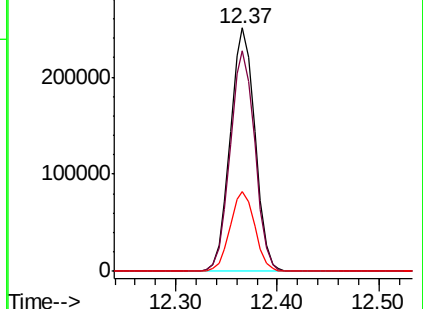
115 32.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.443 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

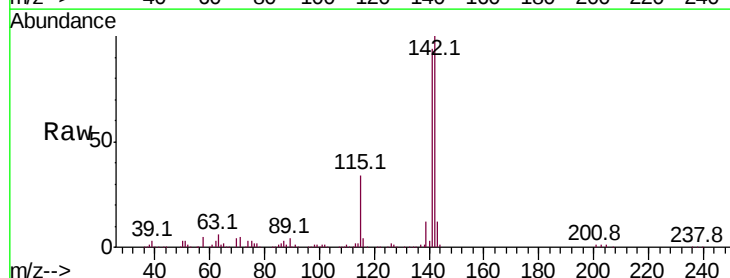
Tgt Ion:142 Resp: 399271

Ion Ratio Lower Upper

142 100

141 94.1 75.8 113.6

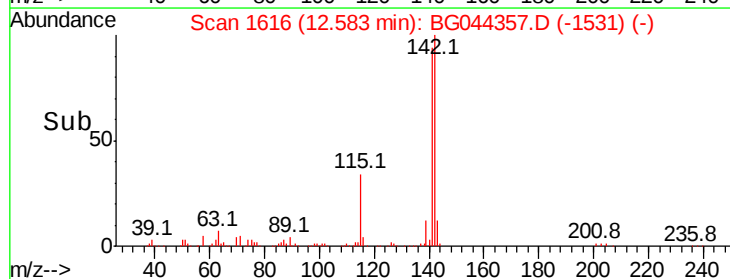
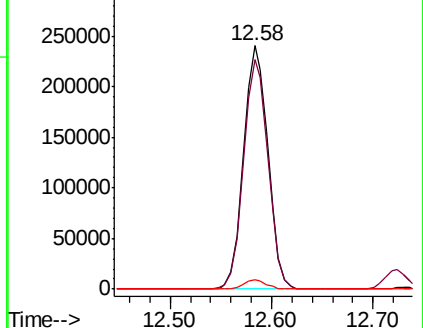
116 3.9 3.1 4.7

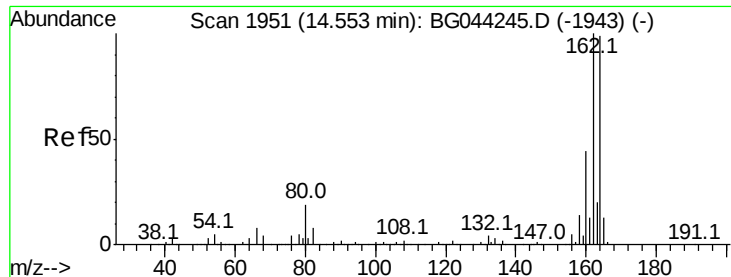


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

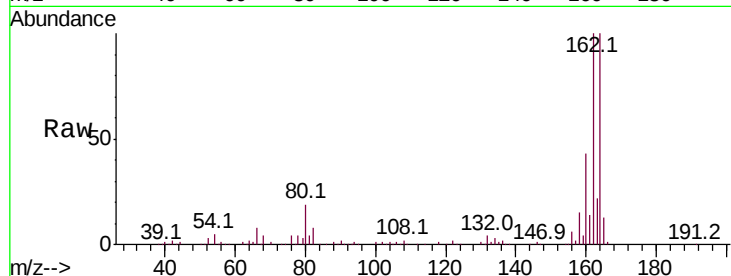
Tot Ion:164 Resp: 196309

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

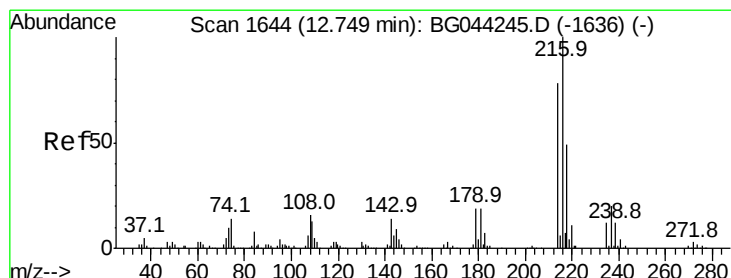
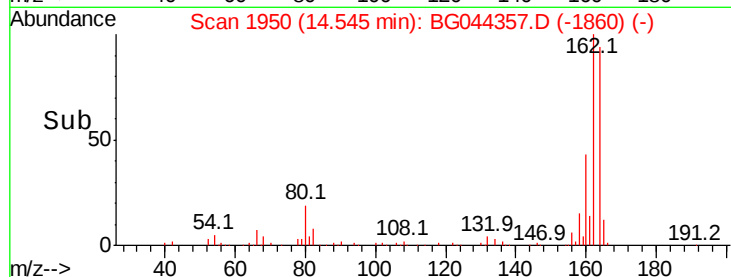
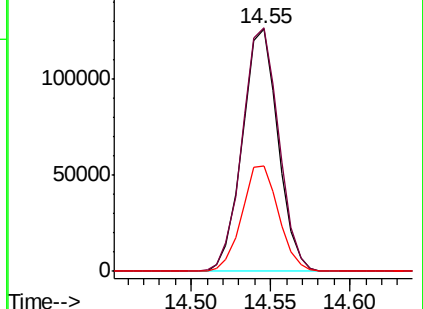
160 43.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.481 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Tgt Ion:216 Resp: 208352

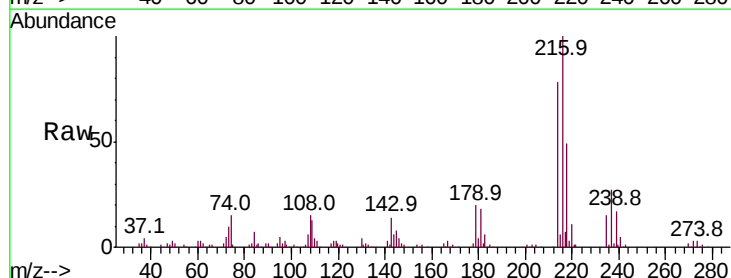
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.2 16.2 24.4

108 18.7 13.5 20.3

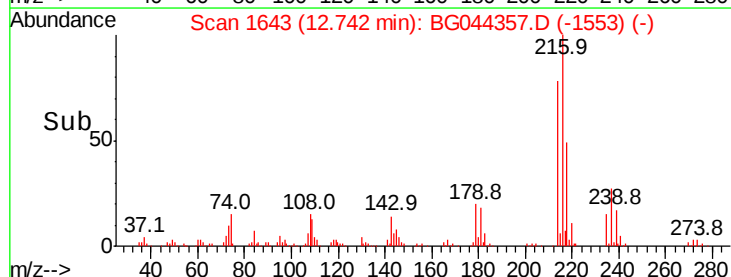
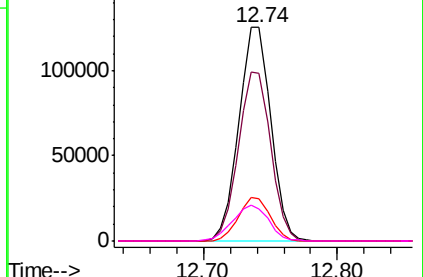


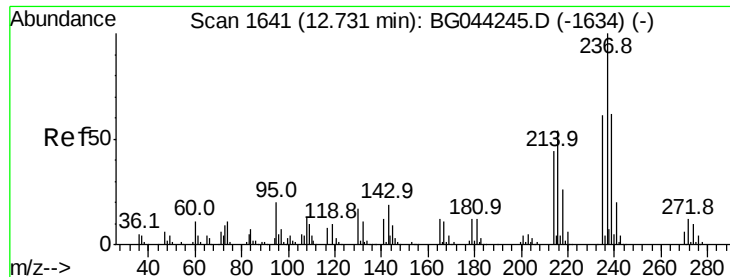
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.762 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

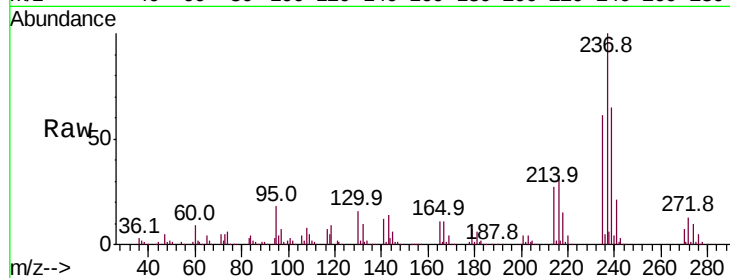
Tot Ion:237 Resp: 258555

Ion Ratio Lower Upper

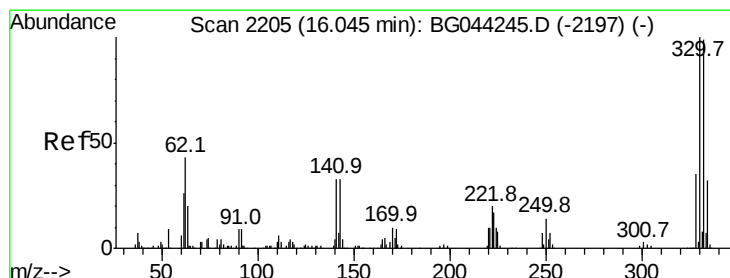
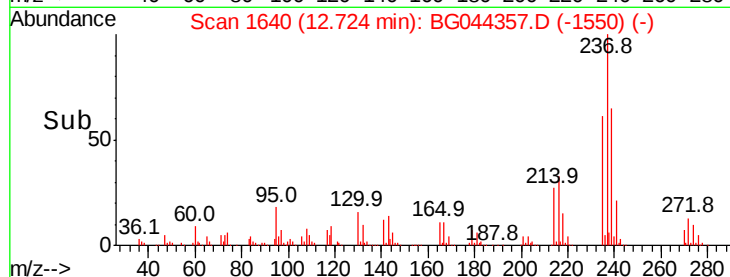
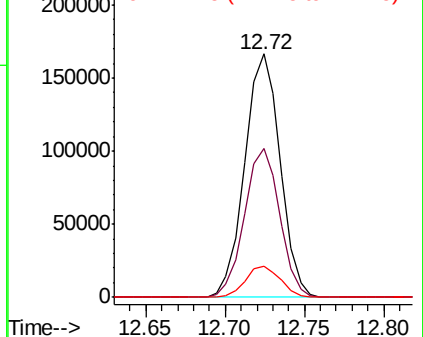
237 100

235 61.0 41.2 81.2

272 12.9 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: 123.267 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

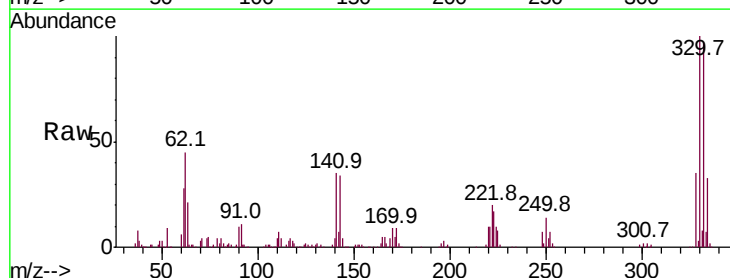
Tgt Ion:330 Resp: 284076

Ion Ratio Lower Upper

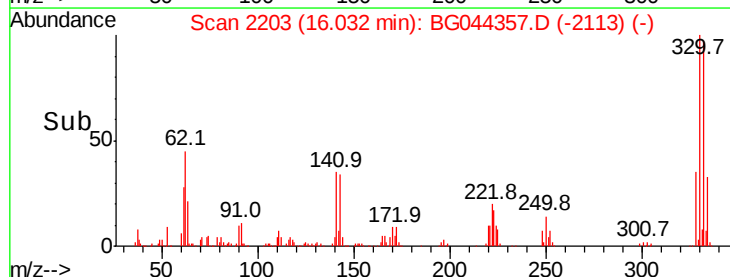
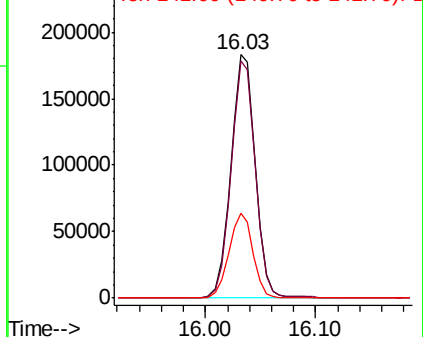
330 100

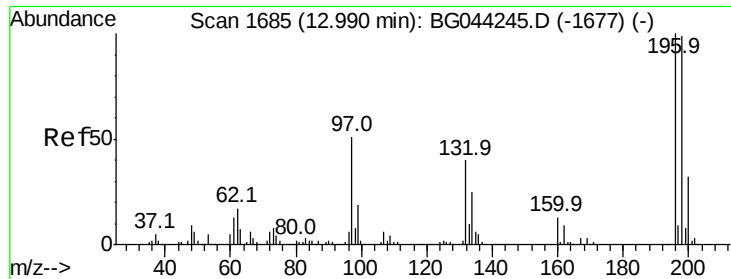
332 96.7 77.2 115.8

141 34.7 28.3 42.5



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

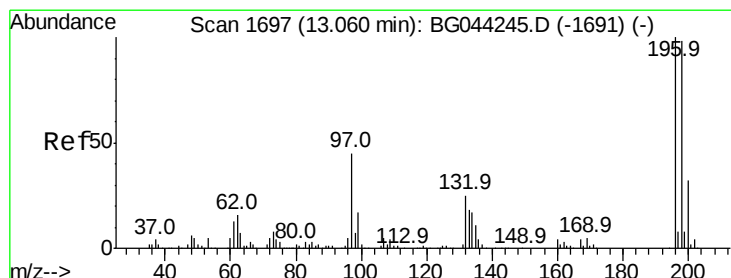
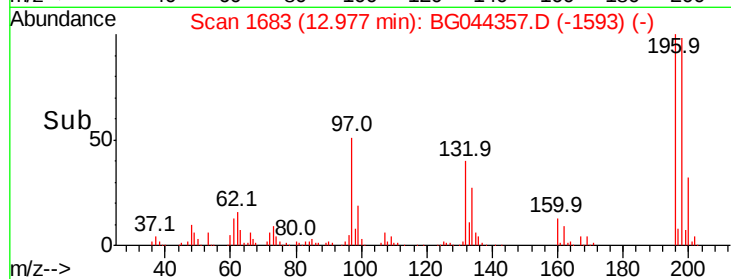
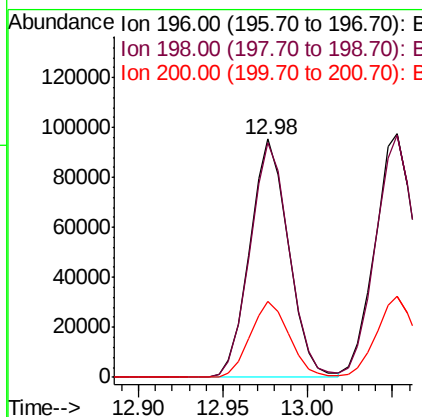
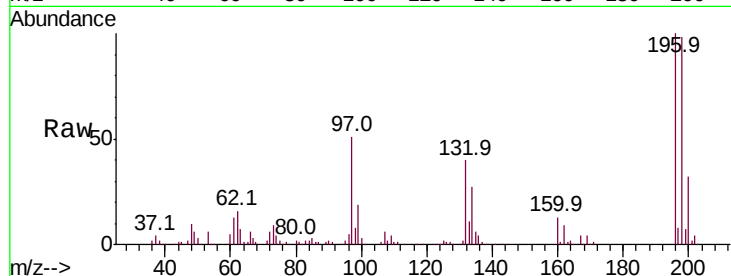




#43
 2,4,6-Trichlorophenol
 Concen: 40.040 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

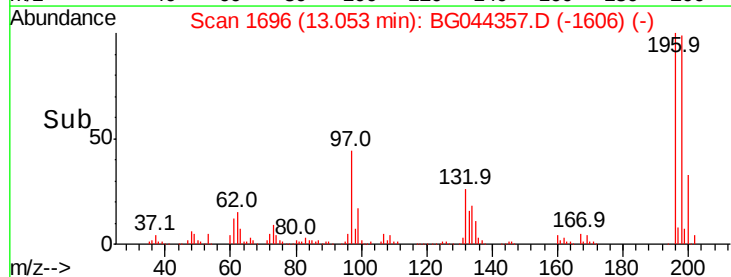
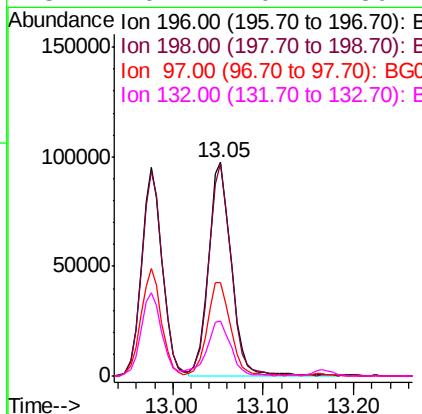
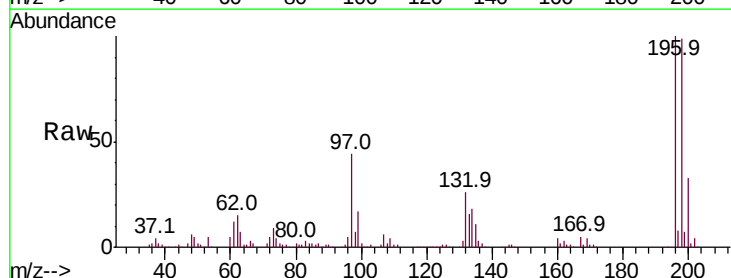
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

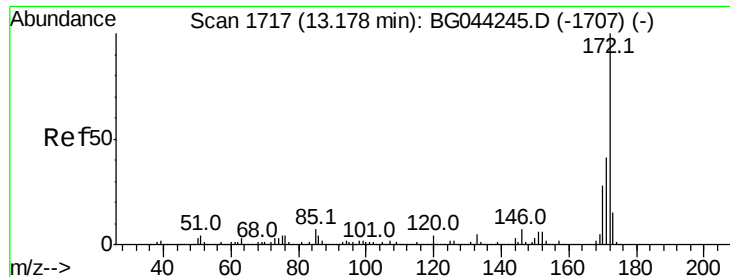
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.3	118.9
200	32.0	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.753 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.2	117.2
97	44.0	36.2	54.4
132	26.1	20.2	30.4

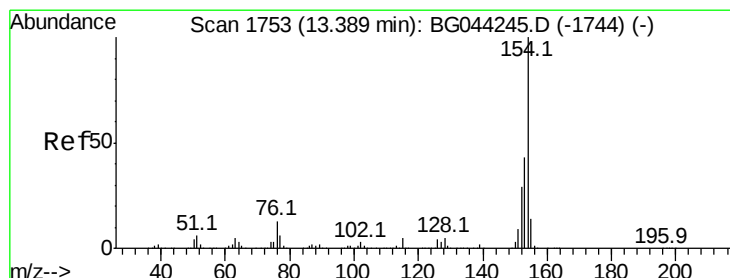
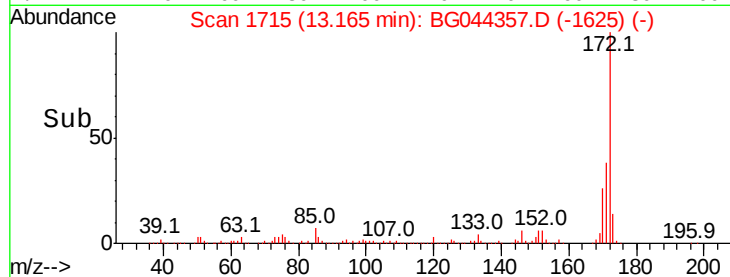
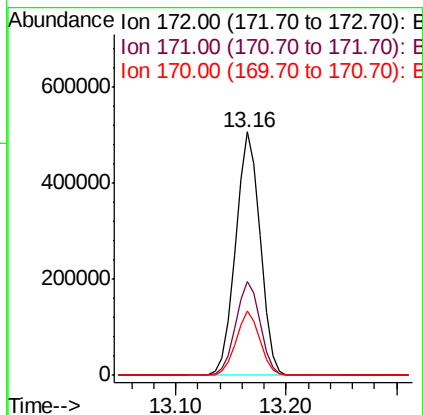
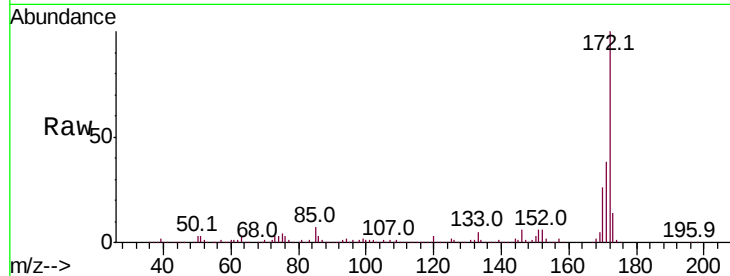




#45
2-Fluorobiphenyl
Concen: 67.293 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

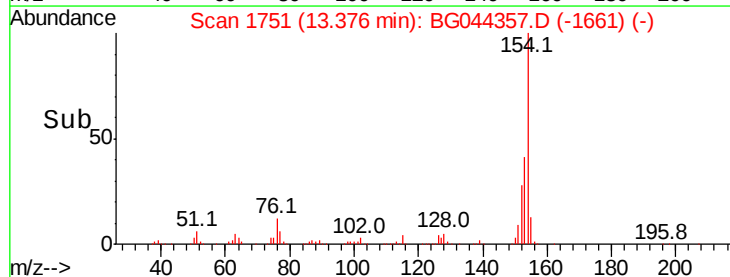
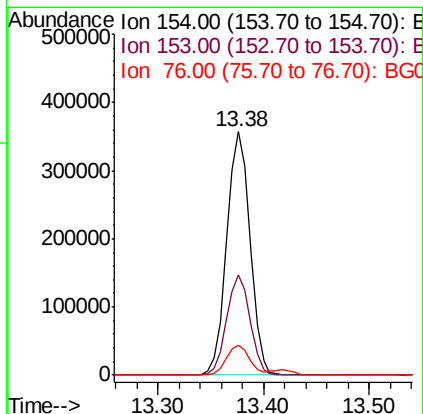
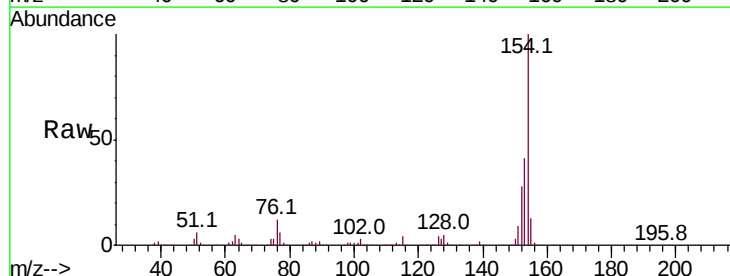
Instrument :
BNA_G
ClientSampleId :
PB126601BS

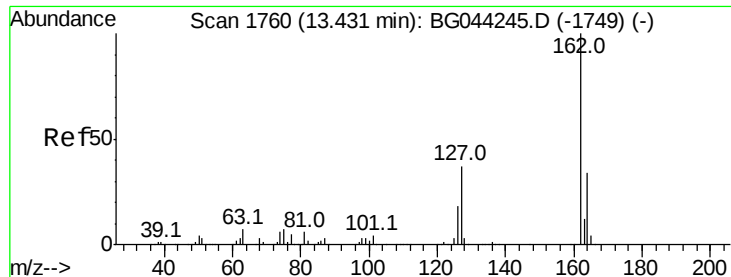
Tot Ion:172 Resp: 788880
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 26.3 22.0 33.0



#46
1,1'-Biphenyl
Concen: 38.182 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:154 Resp: 540661
Ion Ratio Lower Upper
154 100
153 41.3 22.7 62.7
76 12.3 0.0 32.9

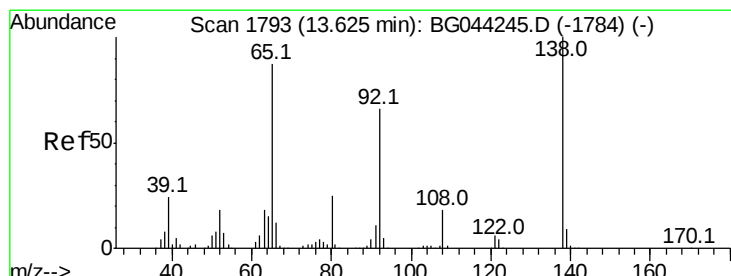
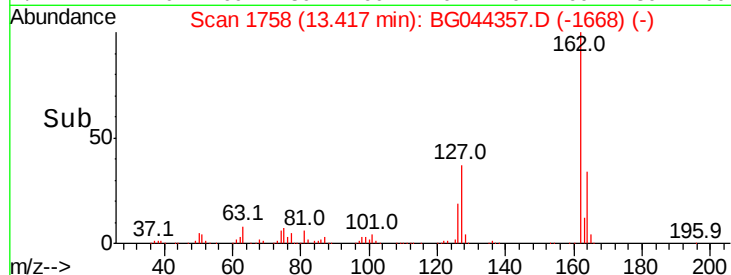
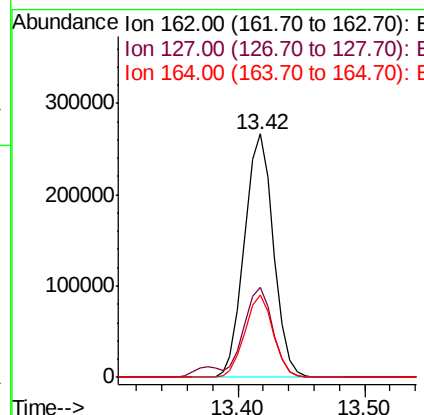
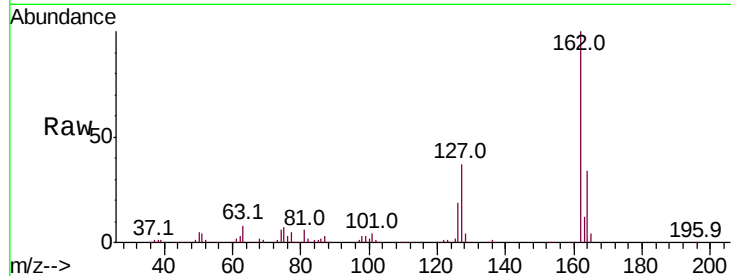




#47
 2-Chloronaphthalene
 Concen: 37.599 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

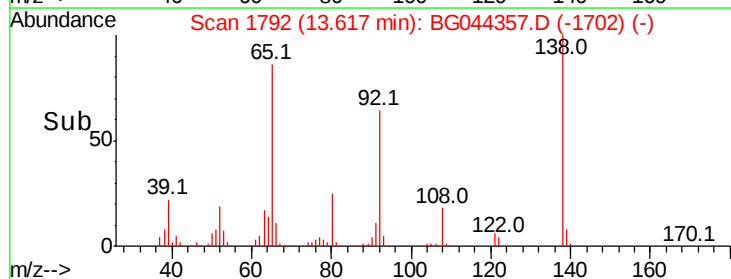
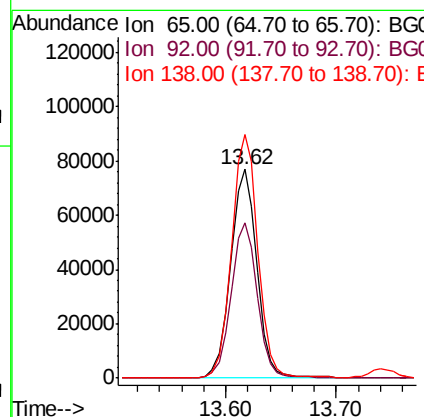
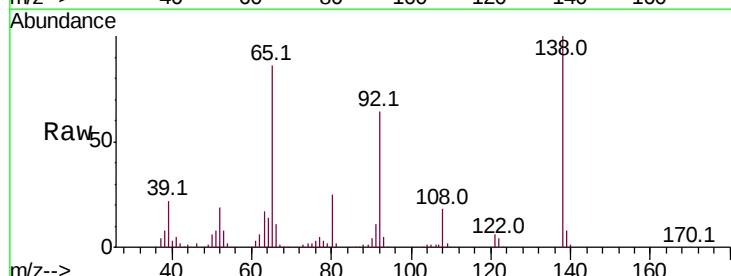
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

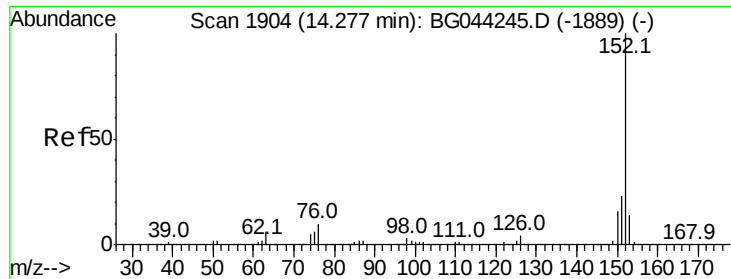
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	34.0	27.2	40.8



#48
 2-Nitroaniline
 Concen: 38.643 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.3	90.5
138	116.8	91.9	137.9





#49

Acenaphthylene

Concen: 41.532 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

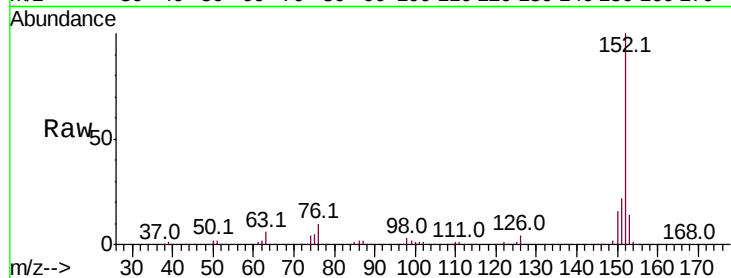
Tot Ion:152 Resp: 686393

Ion Ratio Lower Upper

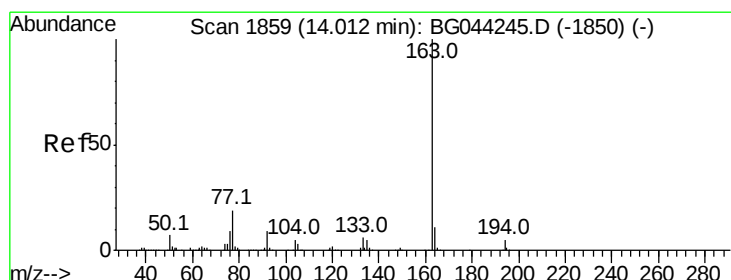
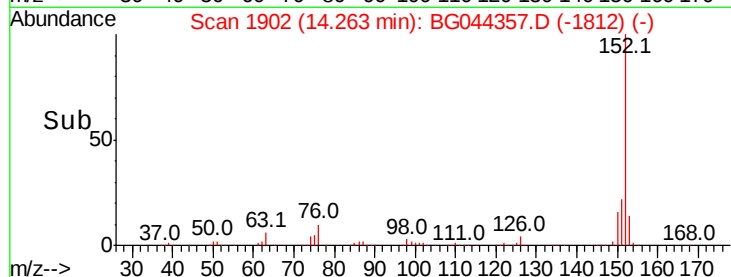
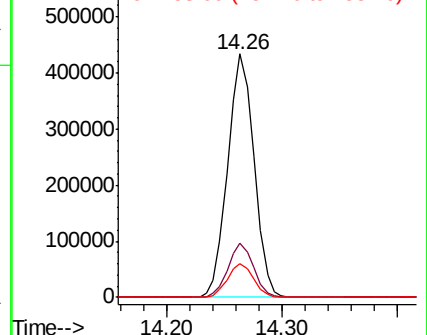
152 100

151 22.2 18.1 27.1

153 13.8 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: 40.813 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

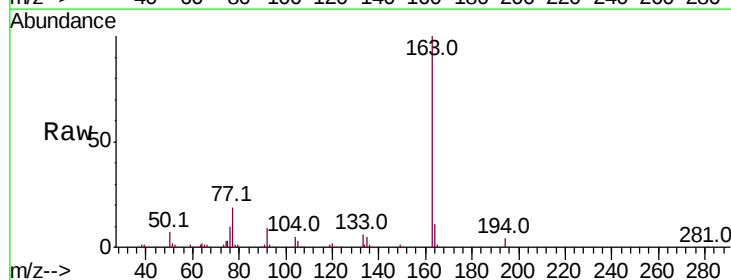
Tgt Ion:163 Resp: 575922

Ion Ratio Lower Upper

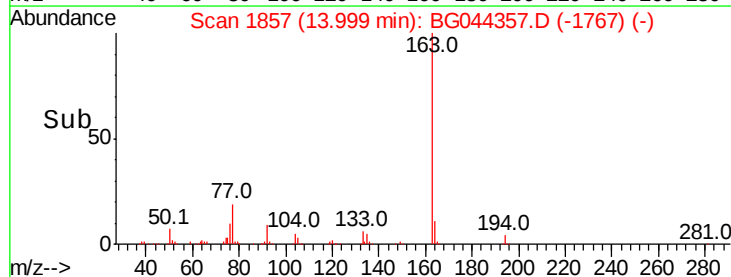
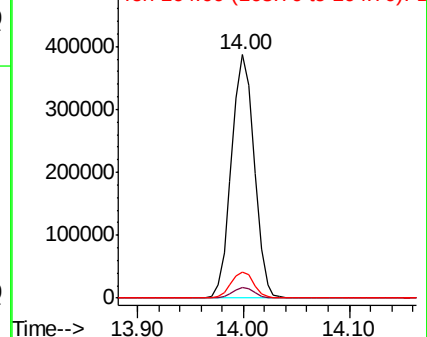
163 100

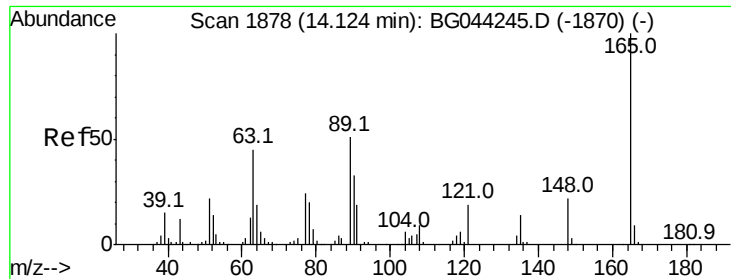
194 4.2 3.6 5.4

164 10.7 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: 41.566 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

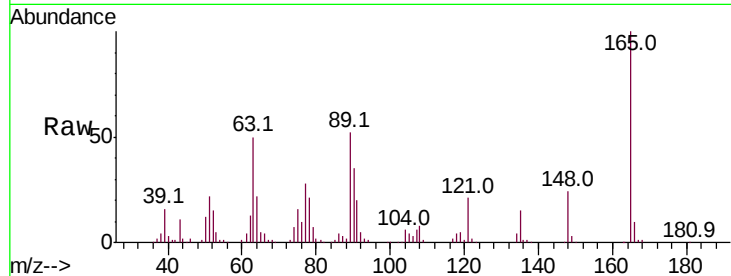
Tot Ion:165 Resp: 130780

Ion Ratio Lower Upper

165 100

63 49.5 38.7 58.1

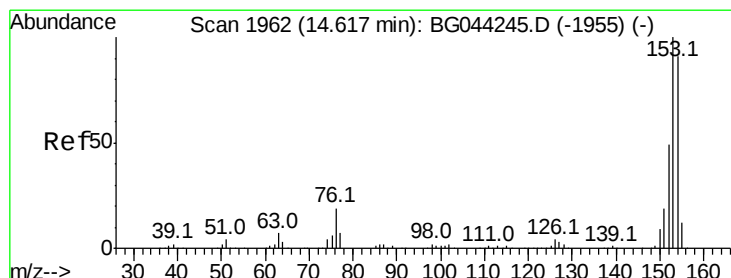
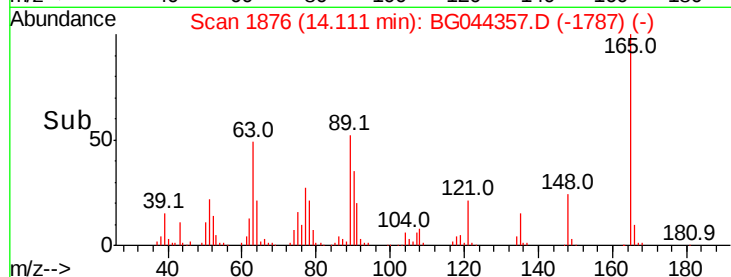
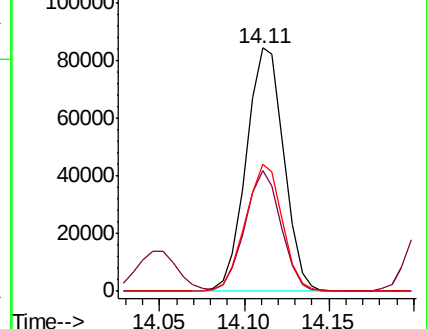
89 52.1 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 39.289 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

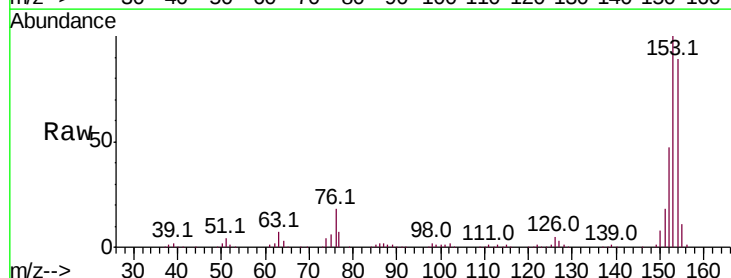
Tgt Ion:154 Resp: 420876

Ion Ratio Lower Upper

154 100

153 111.9 87.9 131.9

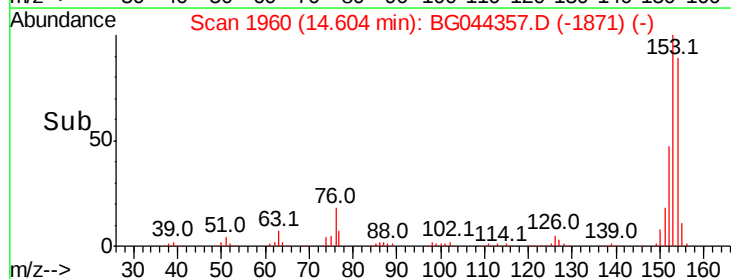
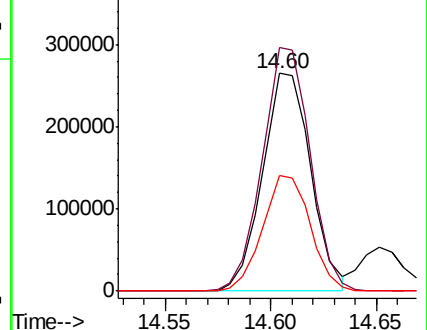
152 53.0 43.1 64.7

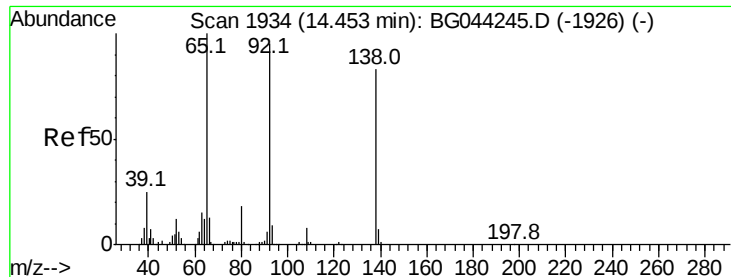


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.728 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

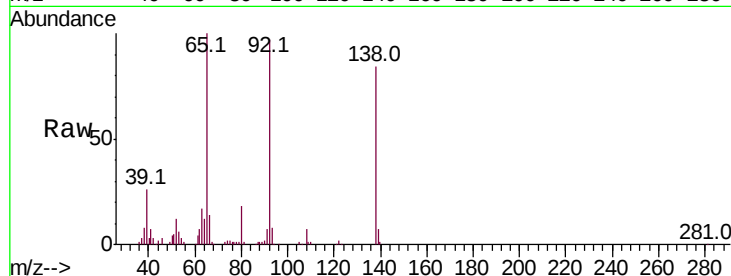
Tot Ion:138 Resp: 93038

Ion Ratio Lower Upper

138 100

108 8.4 7.9 11.9

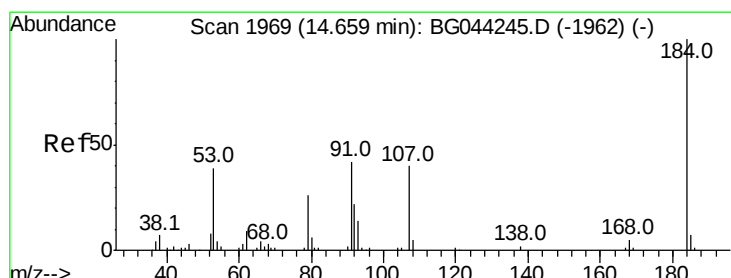
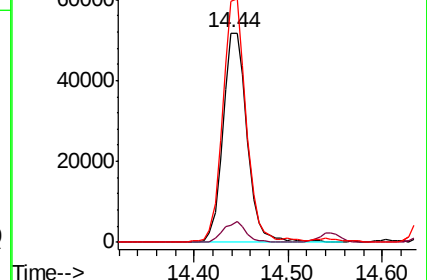
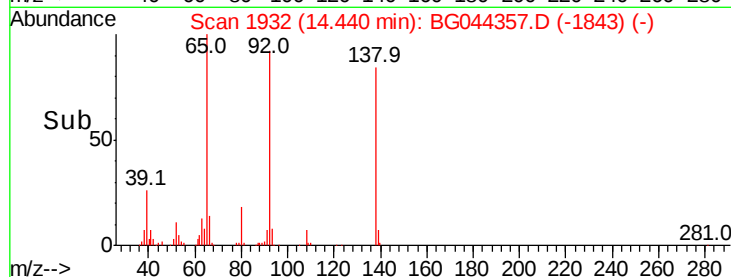
92 115.4 91.0 136.4



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: 82.277 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

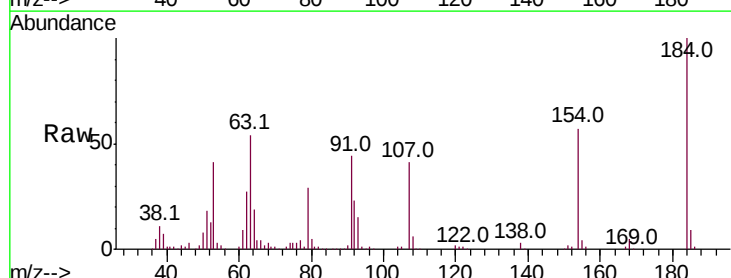
Tgt Ion:184 Resp: 153840

Ion Ratio Lower Upper

184 100

63 54.1 44.1 66.1

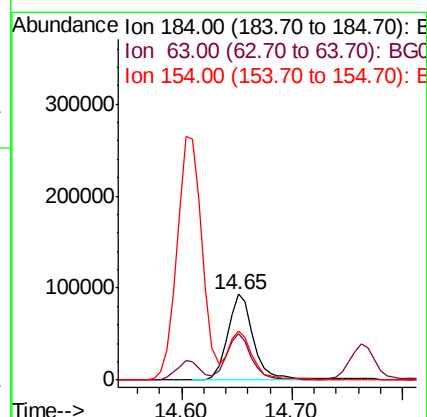
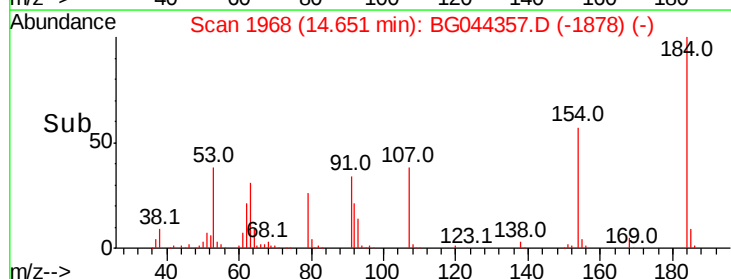
154 57.3 45.4 68.0

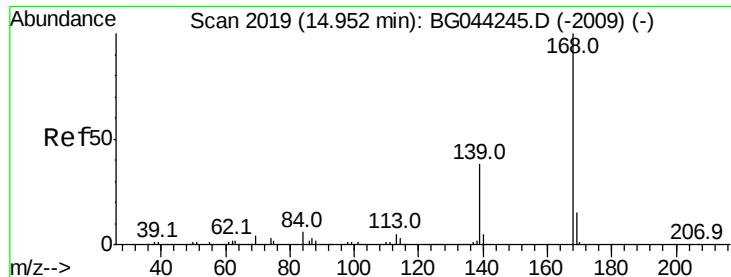


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.346 ng

RT: 14.94 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

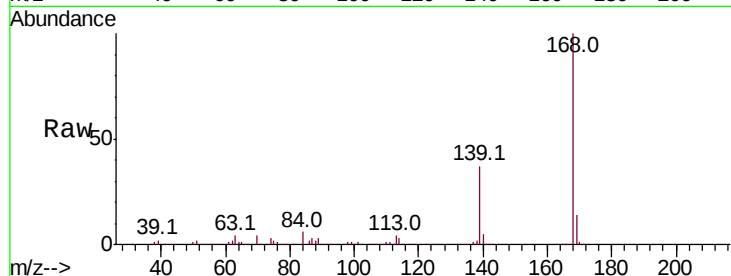
Tot Ion:168 Resp: 670581

Ion Ratio Lower Upper

168 100

139 36.8 30.5 45.7

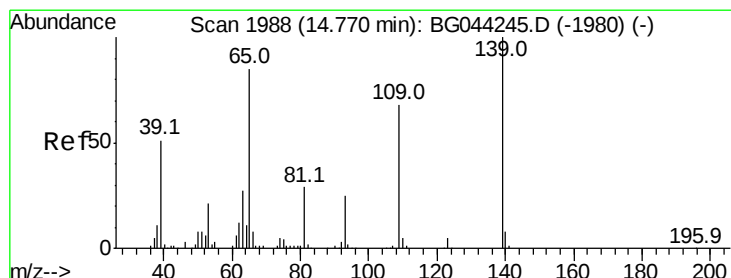
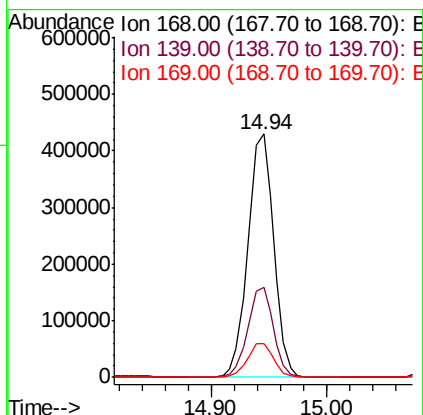
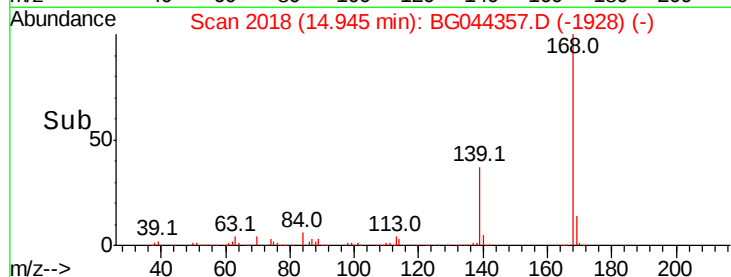
169 13.9 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 101.150 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

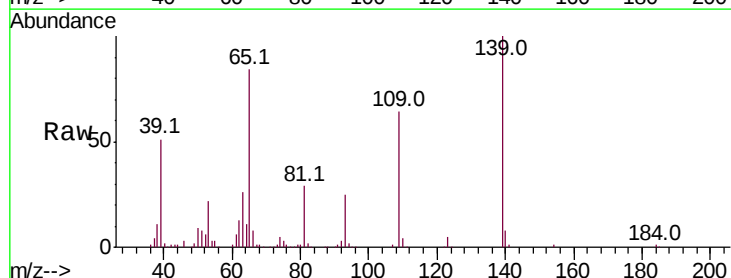
Tgt Ion:139 Resp: 257913

Ion Ratio Lower Upper

139 100

109 64.3 47.5 87.5

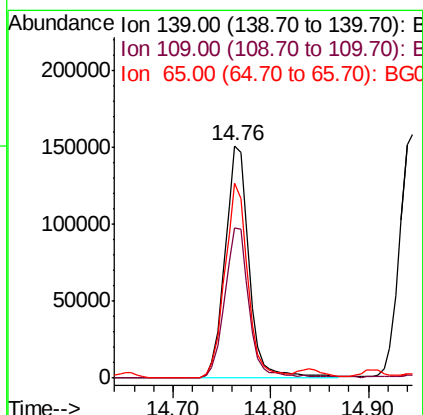
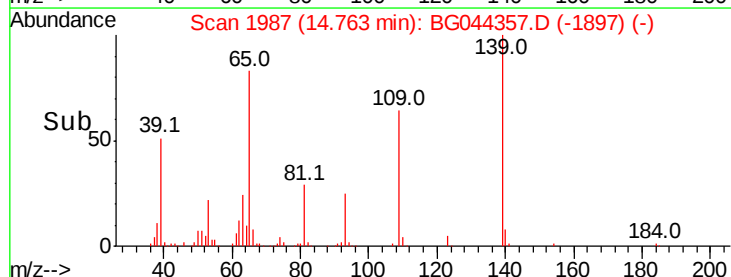
65 83.6 64.9 104.9

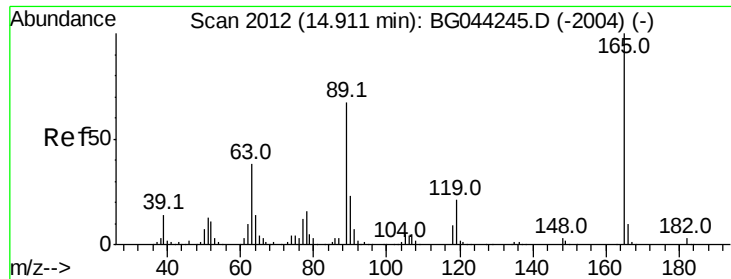


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

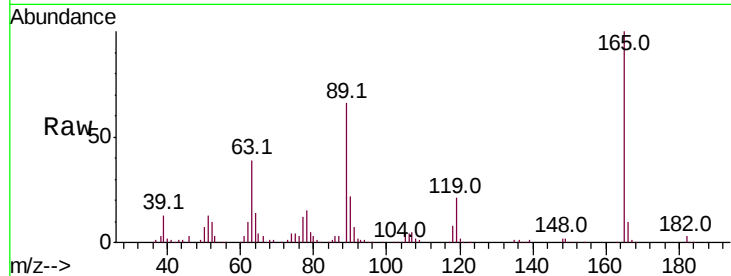




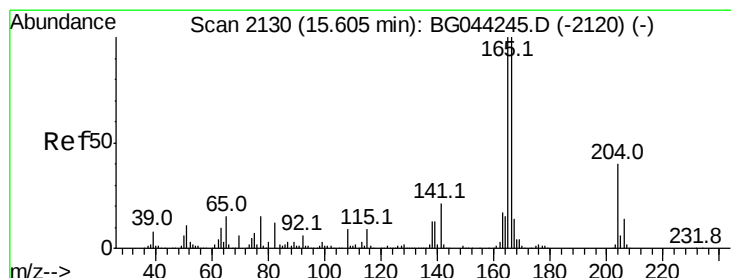
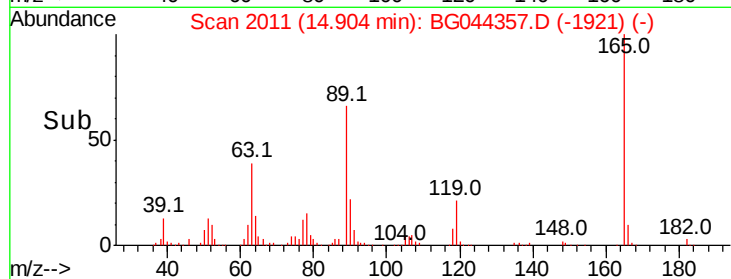
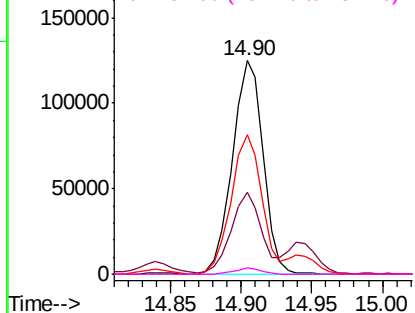
#57
2,4-Dinitrotoluene
Concen: 42.880 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	165	Resp:	189092
Ion	Ratio	Lower	Upper
165	100		
63	38.5	30.3	45.5
89	65.5	53.4	80.2
182	2.8	2.1	3.1

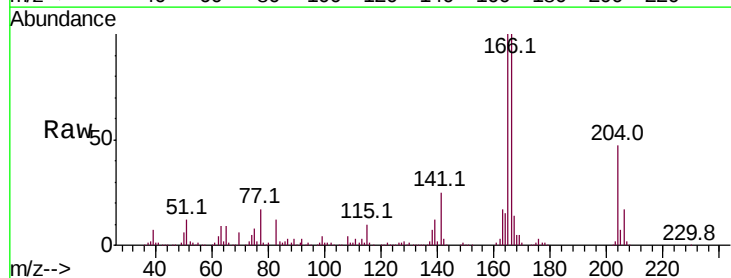


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

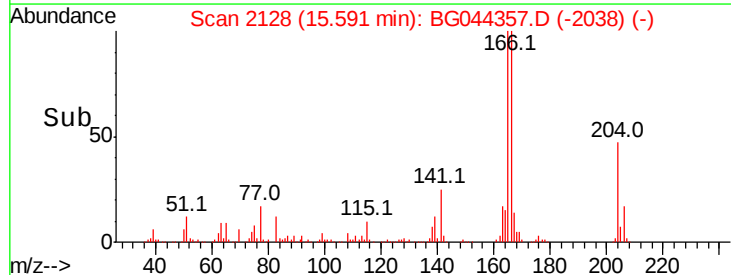
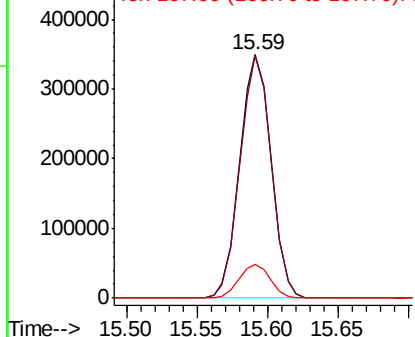


#58
Fluorene
Concen: 42.415 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:	166	Resp:	541827
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	14.0	11.4	17.0



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.902 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:232 Resp: 157239

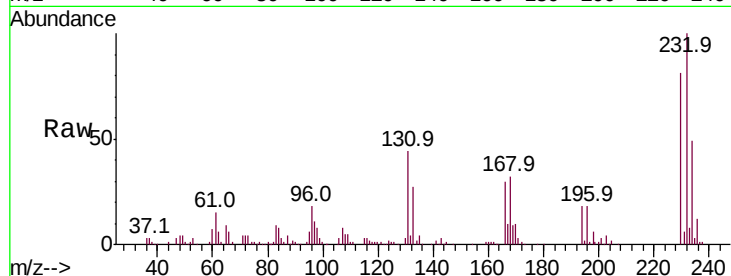
Ion Ratio Lower Upper

232 100

131 41.3 34.2 51.4

130 2.4 1.8 2.8

166 29.7 23.8 35.8

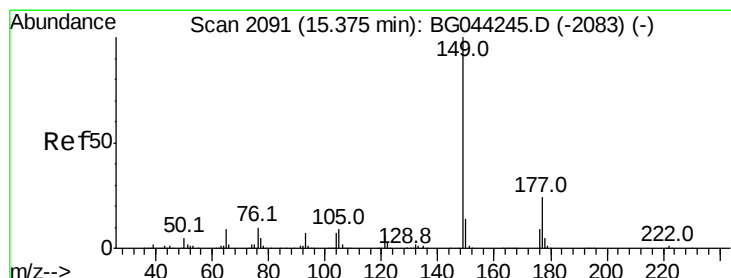
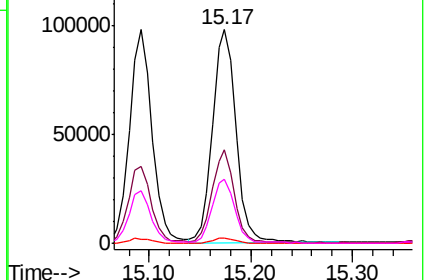
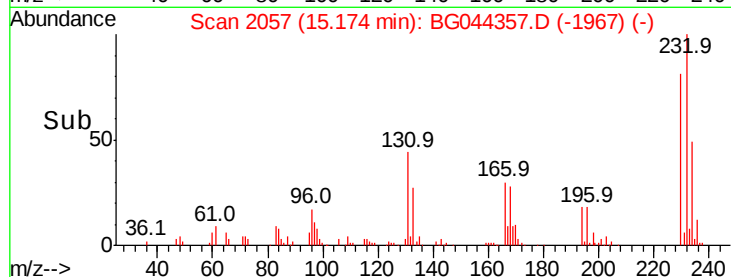


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.465 ng

RT: 15.37 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

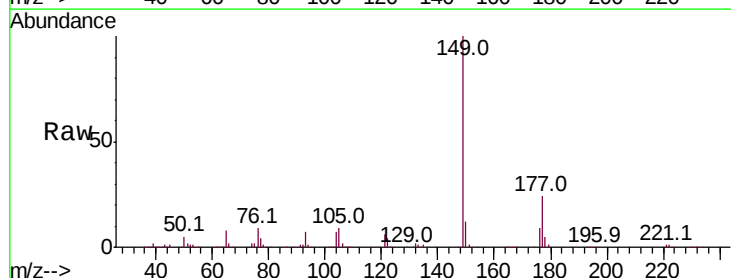
Tgt Ion:149 Resp: 597088

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

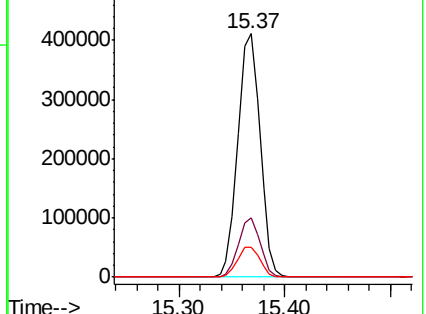
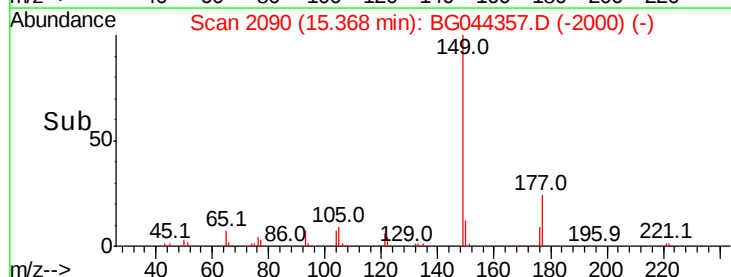
150 12.5 10.9 16.3

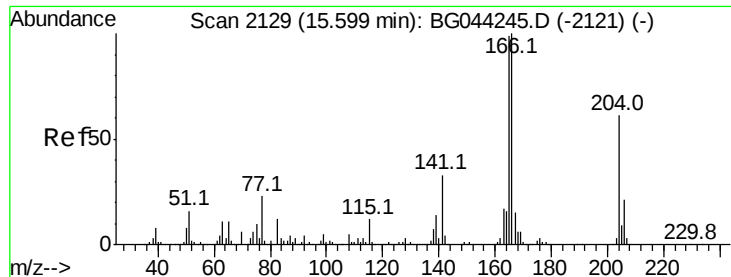


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

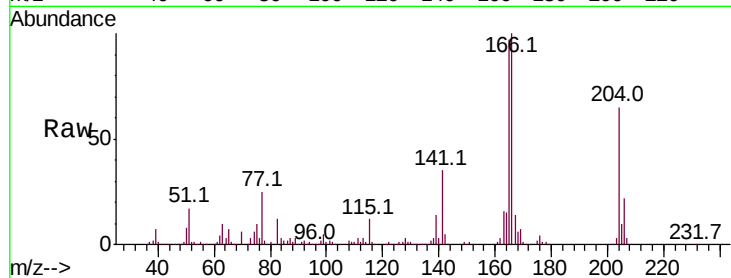




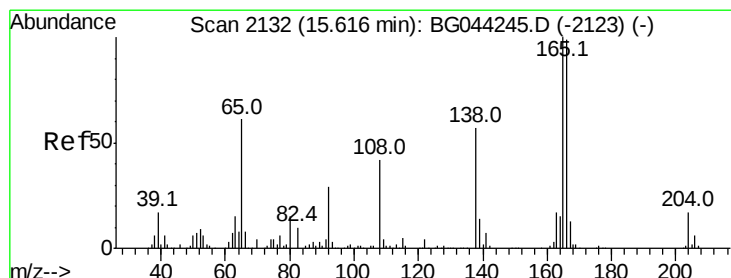
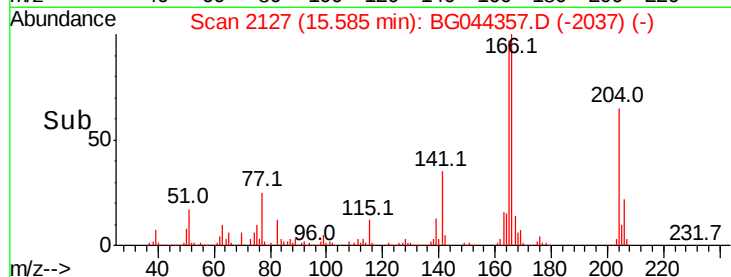
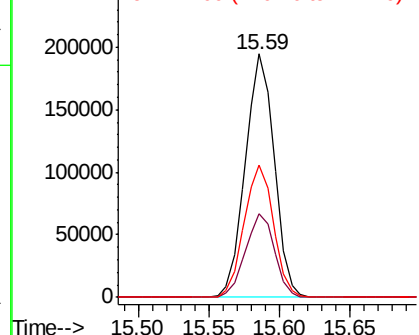
#61
4-Chlorophenyl-phenylether
Concen: 40.384 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:204 Resp: 279714
Ion Ratio Lower Upper
204 100
206 34.5 27.6 41.4
141 54.5 43.4 65.0

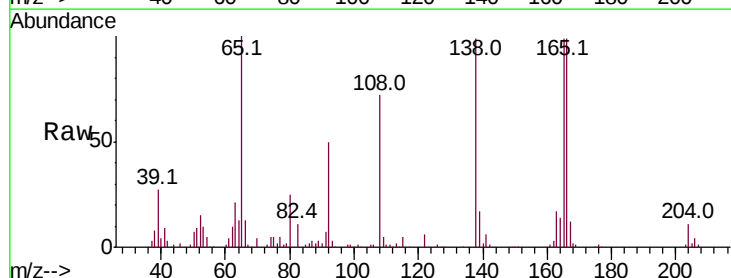


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

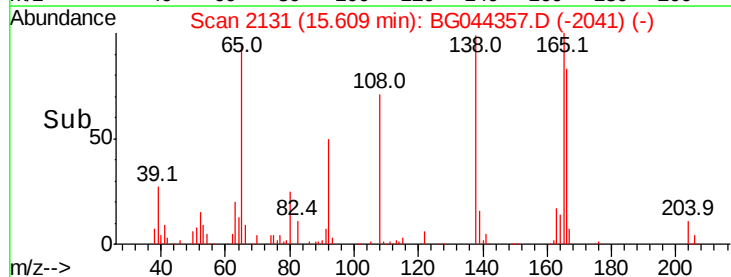
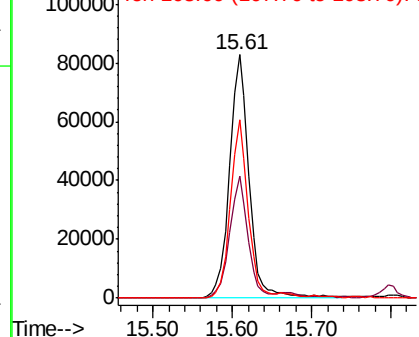


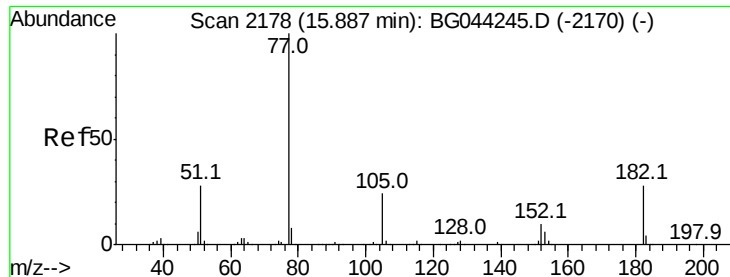
#62
4-Nitroaniline
Concen: 40.760 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:138 Resp: 141775
Ion Ratio Lower Upper
138 100
92 50.2 31.3 71.3
108 73.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.971 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion: 77 Resp: 517221

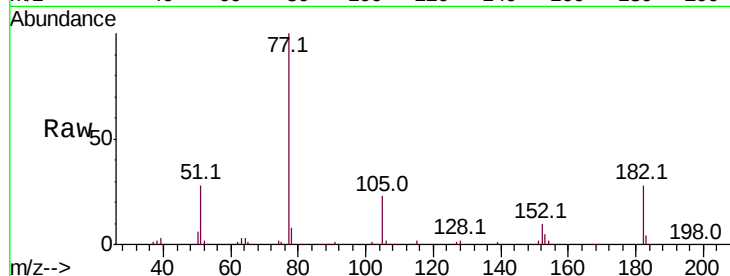
Ion Ratio Lower Upper

77 100

182 28.3 8.2 48.2

105 23.0 3.6 43.6

51 28.2 8.3 48.3

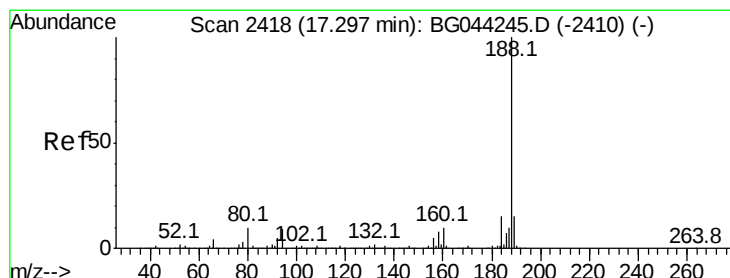
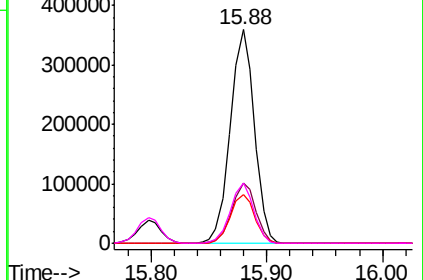
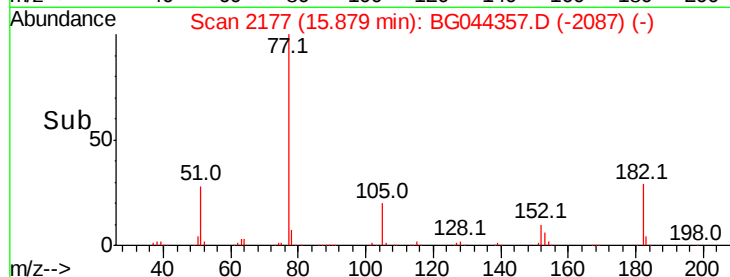


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

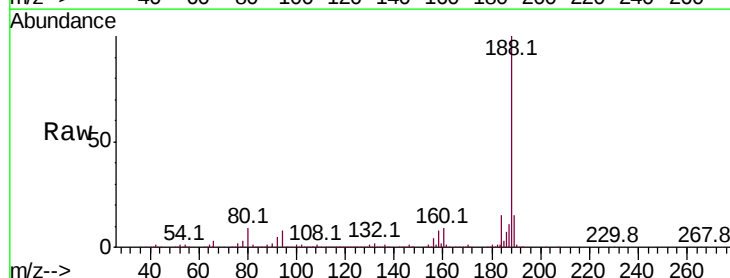
Tgt Ion: 188 Resp: 472959

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

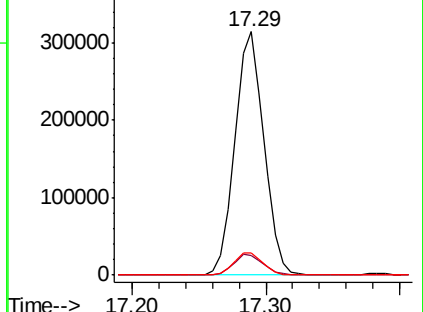
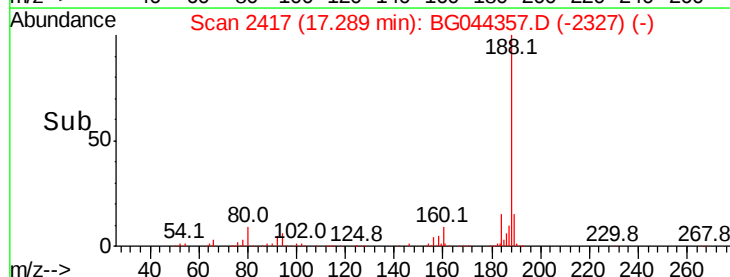
80 8.9 7.7 11.5

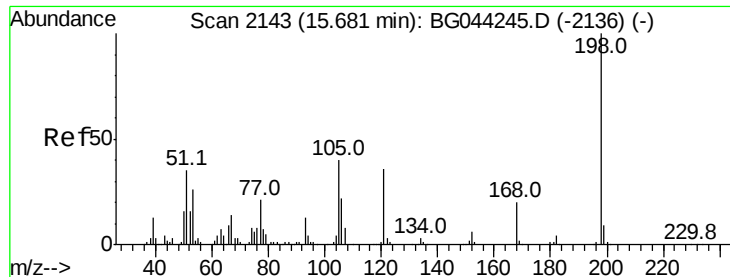


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

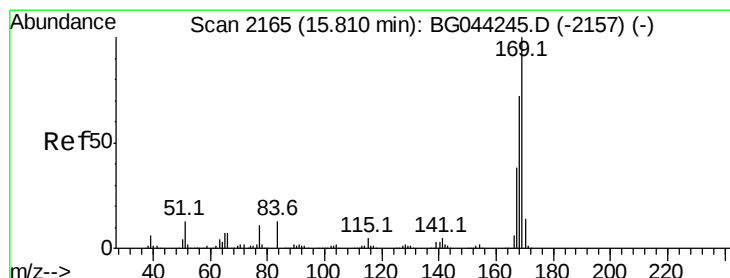
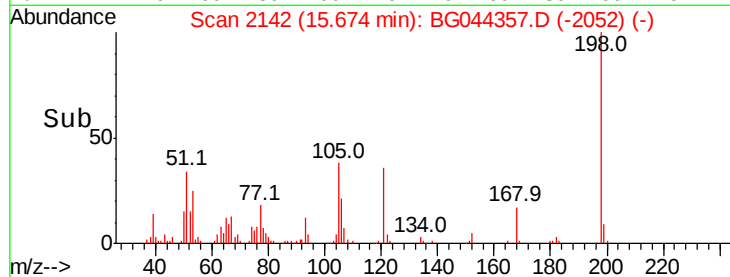
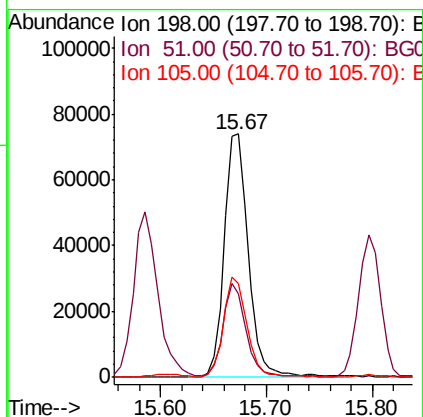
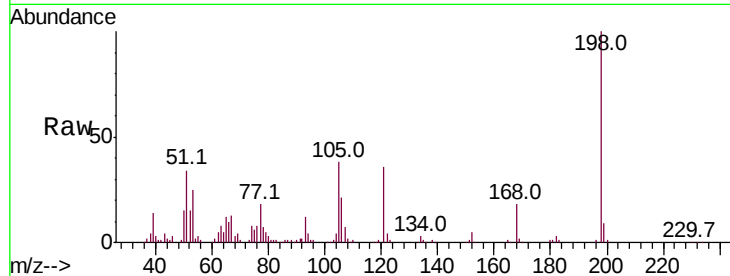




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.869 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

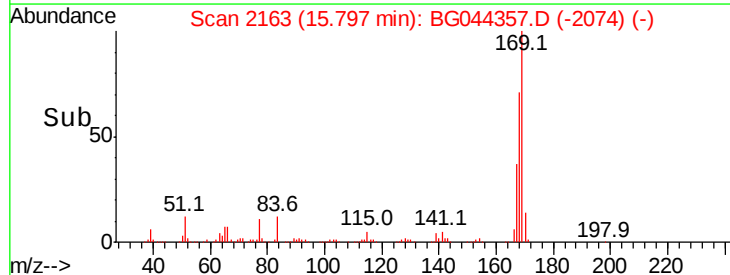
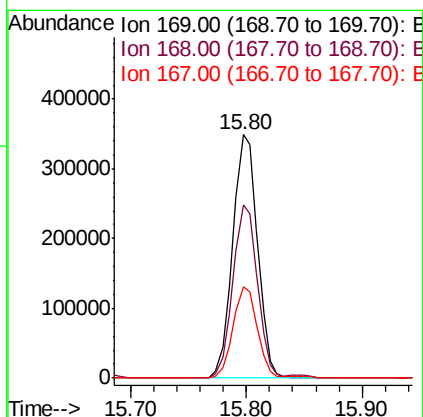
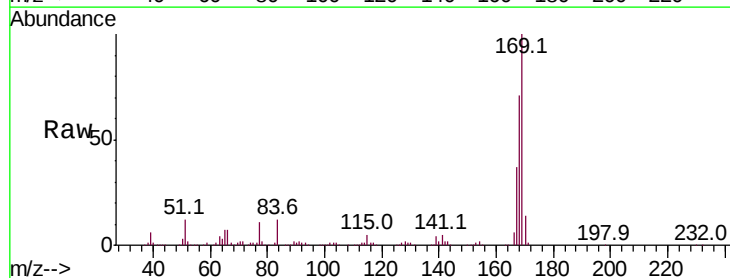
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

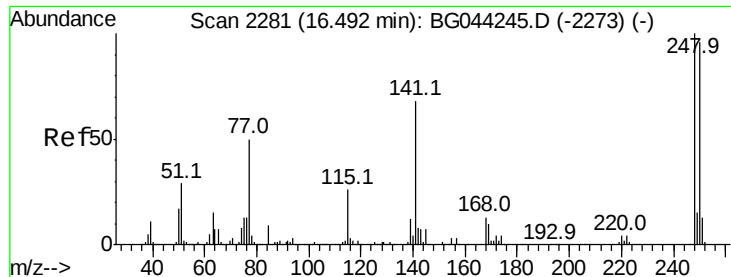
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.1	16.6	56.6
105	38.4	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 39.081 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.9	86.9
167	37.3	30.7	46.1

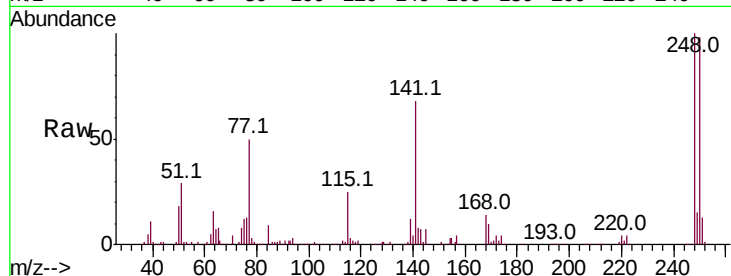




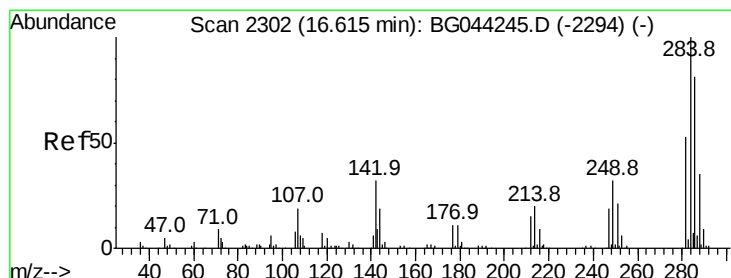
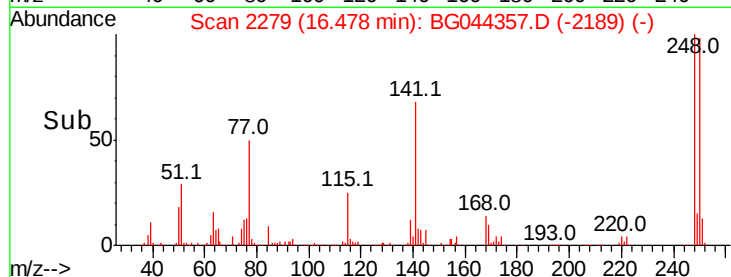
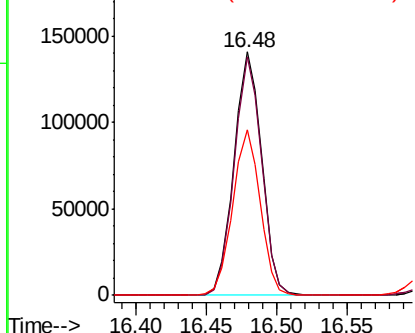
#67
 4-Bromophenyl-phenylether
 Concen: 37.440 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:248 Resp: 192922
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.6 114.8
 141 68.2 54.7 82.1

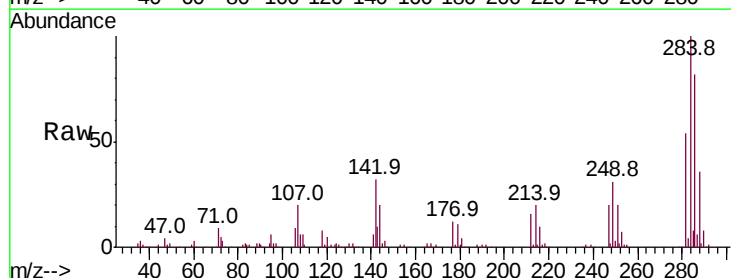


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

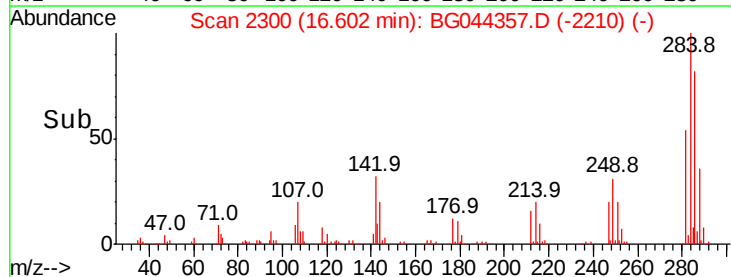
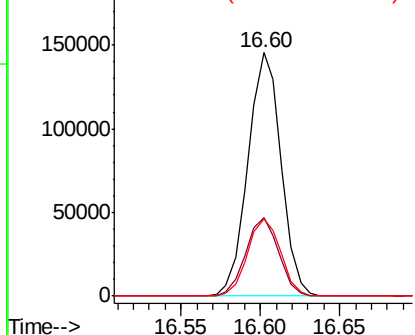


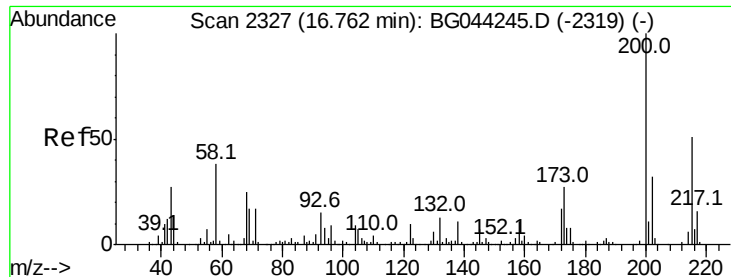
#68
 Hexachlorobenzene
 Concen: 36.516 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044357.D
 Acq: 10 Feb 2020 15:24

Tgt Ion:284 Resp: 210801
 Ion Ratio Lower Upper
 284 100
 142 32.5 25.3 37.9
 249 31.5 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.534 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

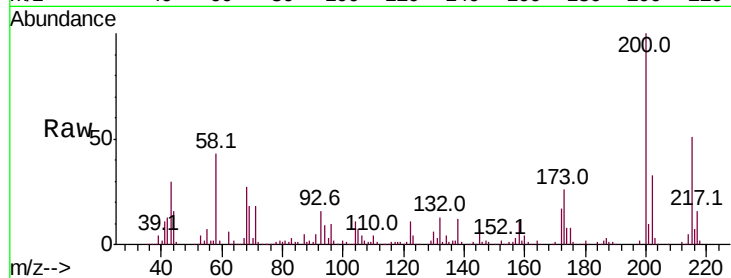
Tot Ion:200 Resp: 211402

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

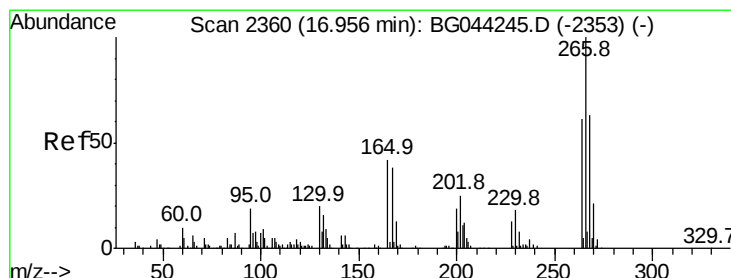
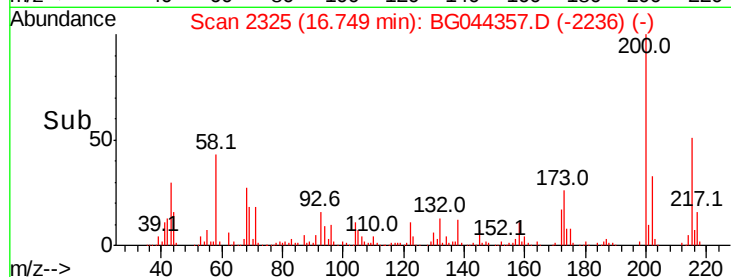
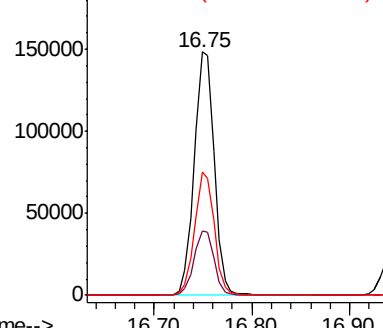
215 50.9 31.0 71.0



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: 82.271 ng

RT: 16.95 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

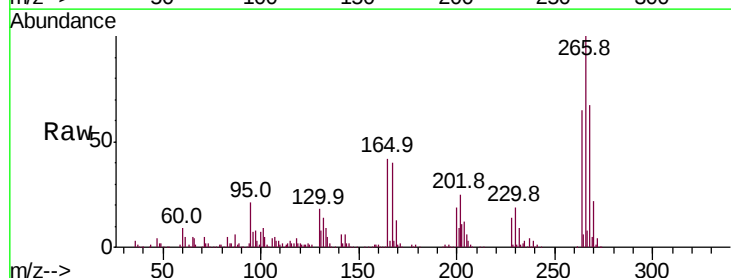
Tgt Ion:266 Resp: 240442

Ion Ratio Lower Upper

266 100

268 66.7 50.6 75.8

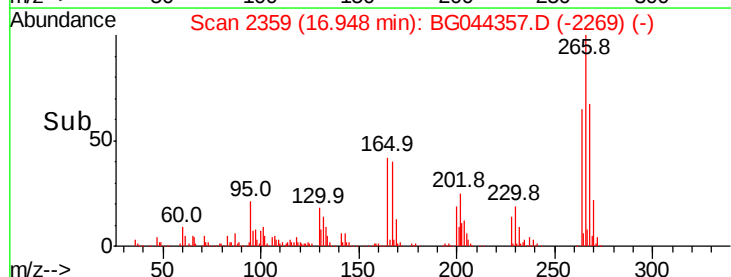
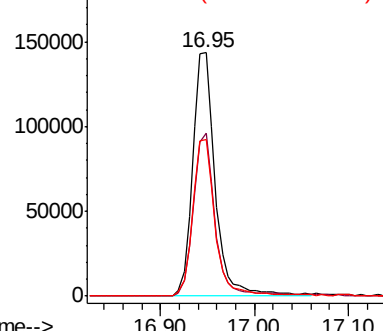
264 64.5 48.7 73.1

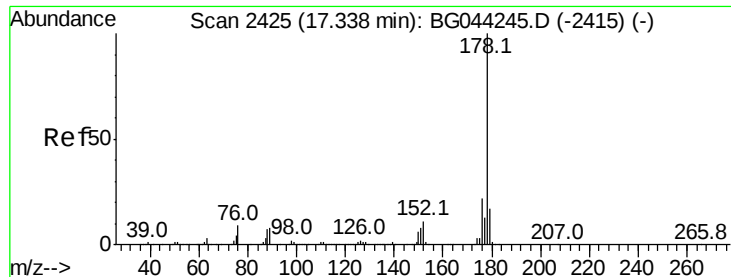


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.796 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

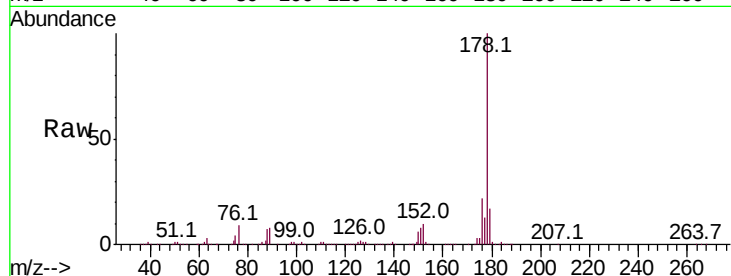
Tot Ion:178 Resp: 934332

Ion Ratio Lower Upper

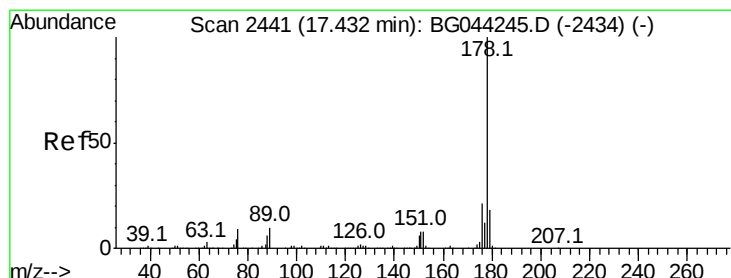
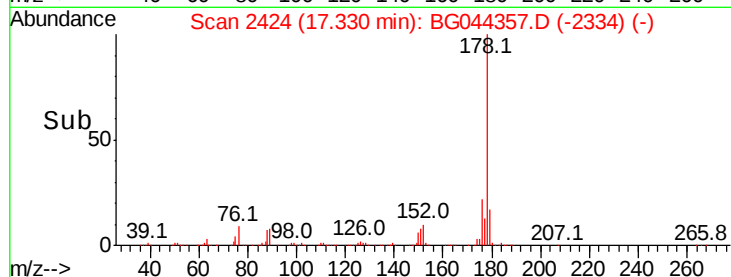
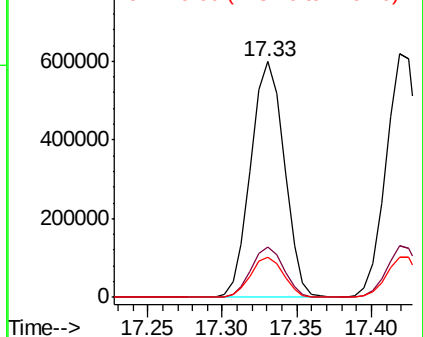
178 100

176 21.6 17.7 26.5

179 17.2 13.7 20.5



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



#72

Anthracene

Concen: 42.696 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

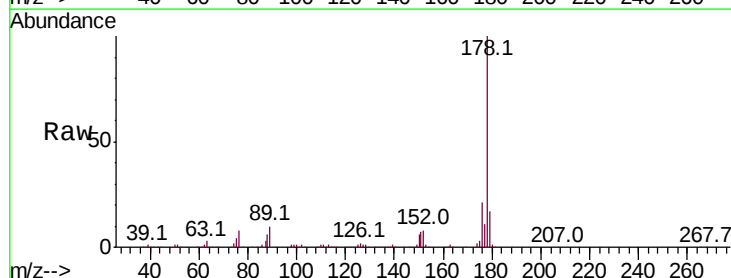
Tgt Ion:178 Resp: 966751

Ion Ratio Lower Upper

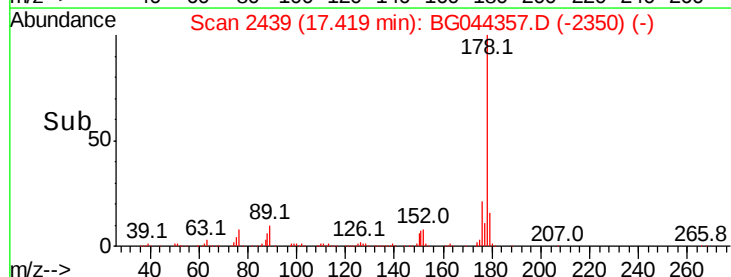
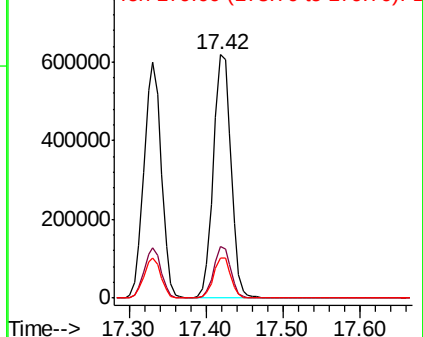
178 100

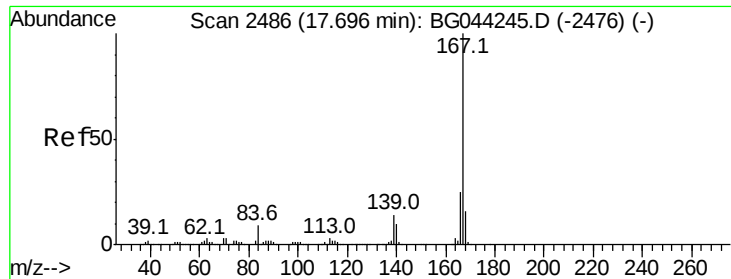
176 21.0 17.0 25.4

179 16.5 14.4 21.6



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





#73

Carbazole

Concen: 42.652 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

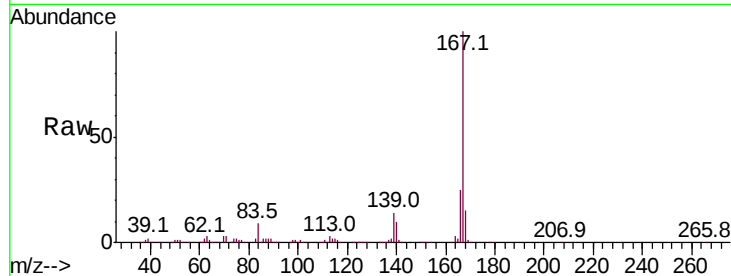
Tot Ion:167 Resp: 890302

Ion Ratio Lower Upper

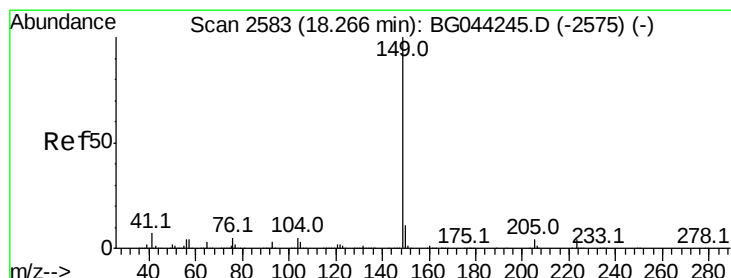
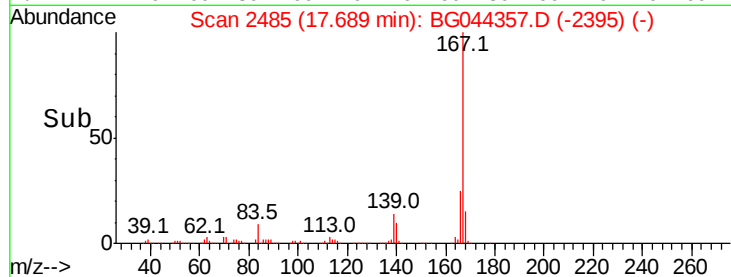
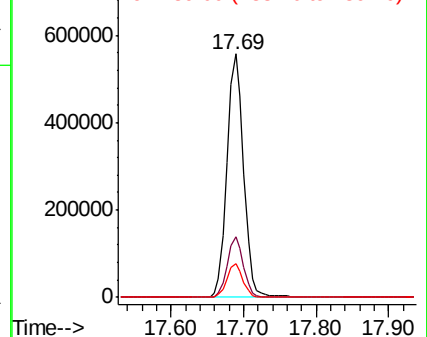
167 100

166 25.0 19.8 29.6

139 13.7 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 42.994 ng

RT: 18.26 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

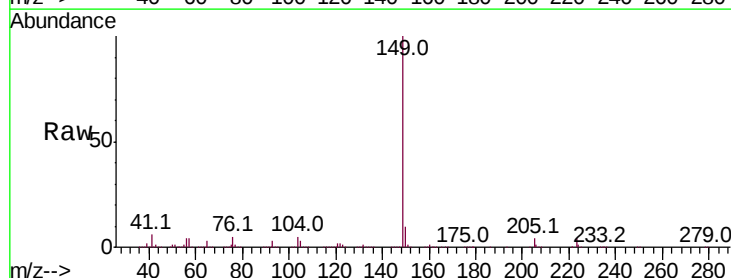
Tgt Ion:149 Resp: 1109024

Ion Ratio Lower Upper

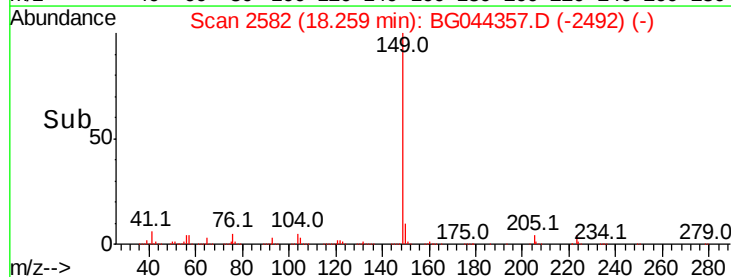
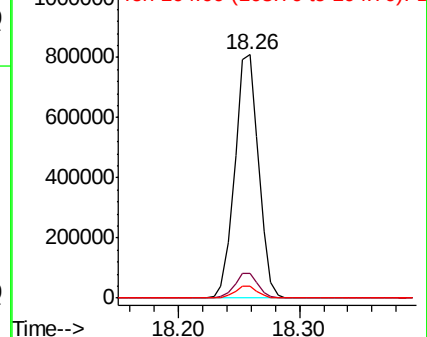
149 100

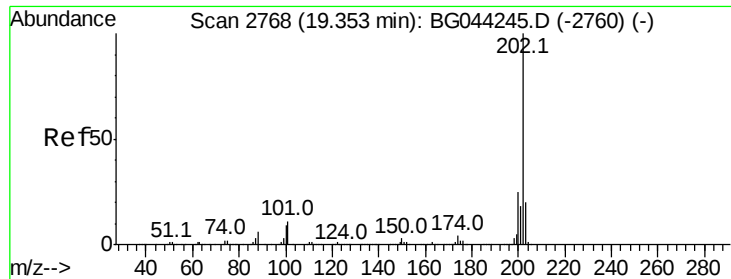
150 10.2 8.7 13.1

104 5.1 4.3 6.5



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





#75

Fluoranthene

Concen: 43.941 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

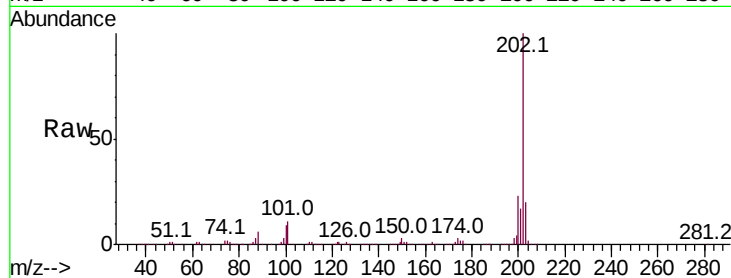
Tot Ion:202 Resp: 1164154

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

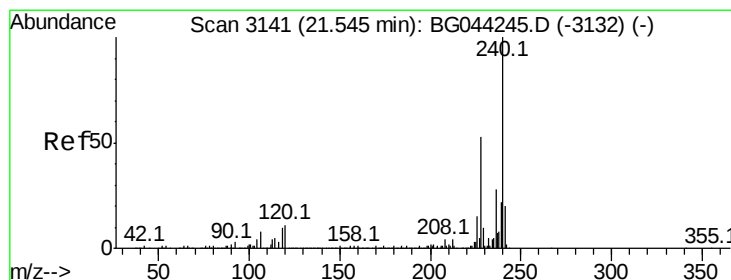
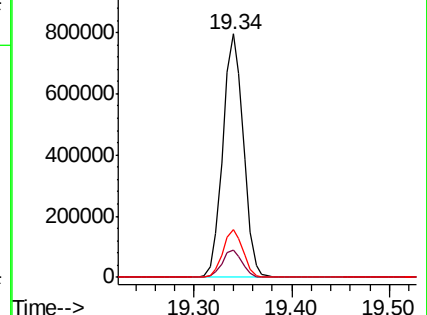
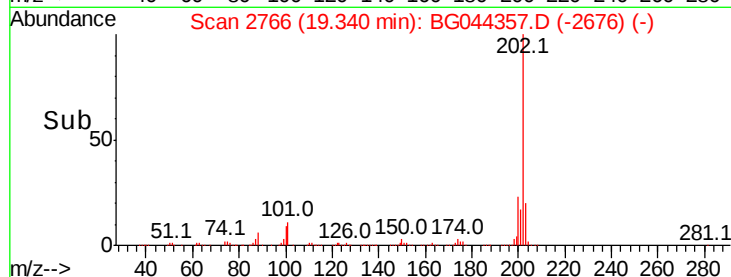
203 19.6 0.0 39.9



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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

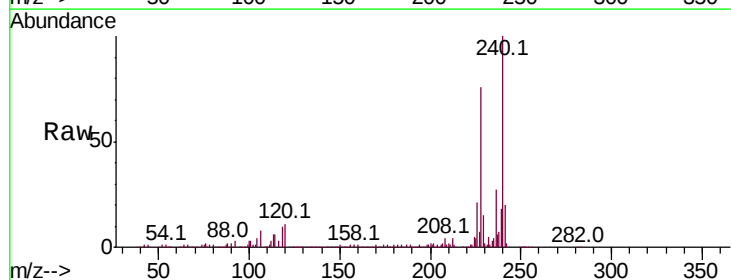
Tgt Ion:240 Resp: 447777

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

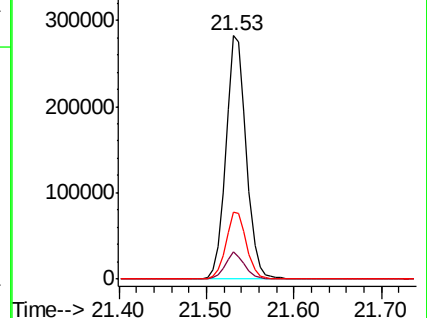
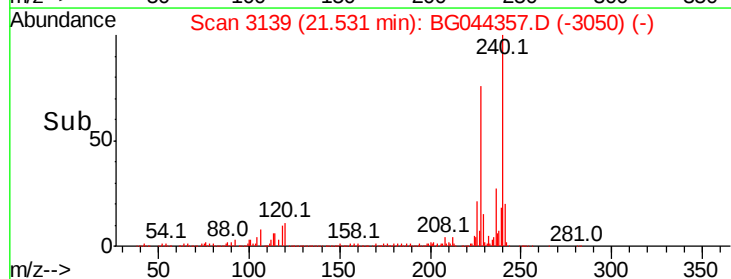
236 27.4 22.1 33.1

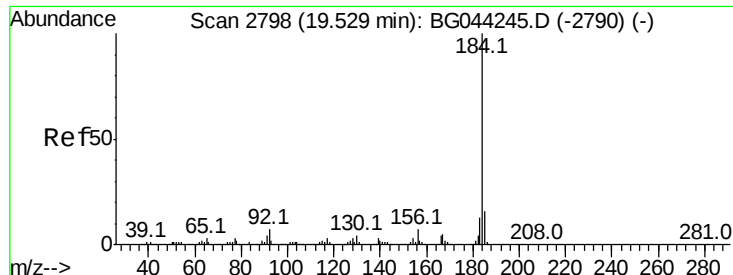


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

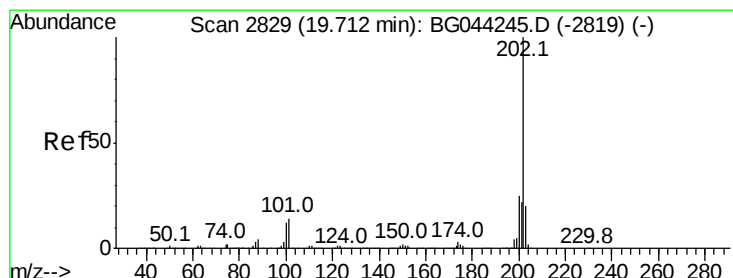
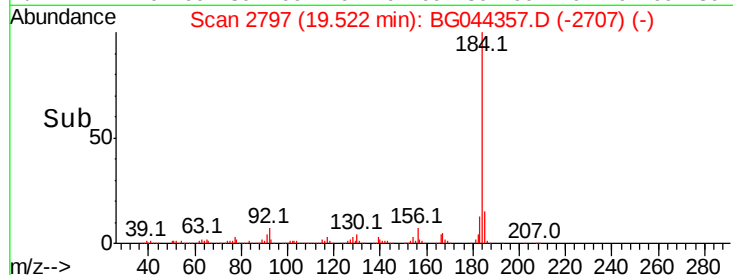
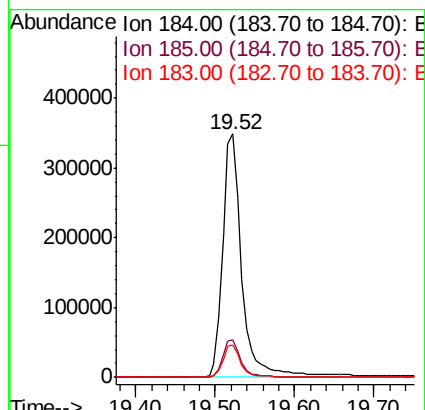
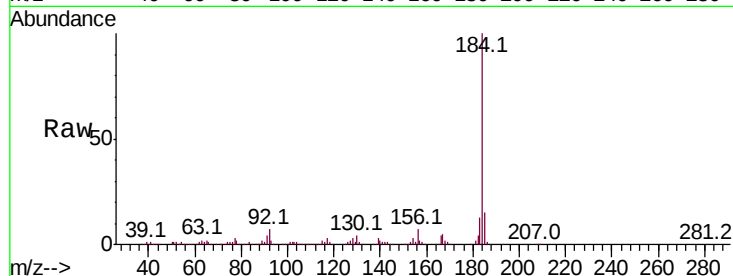




#77
Benzidine
Concen: 46.927 ng
RT: 19.52 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

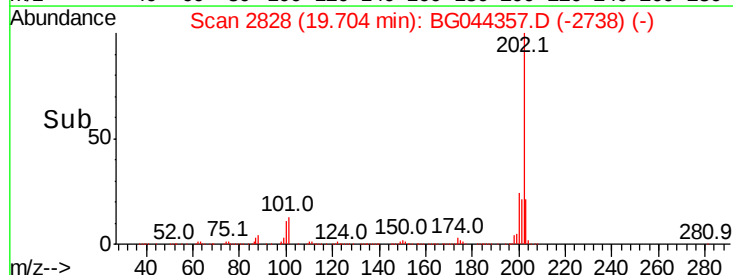
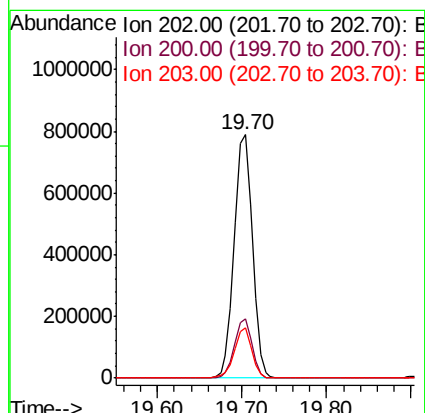
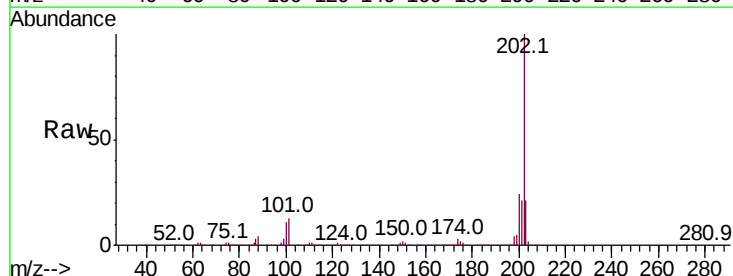
Instrument :
BNA_G
ClientSampleId :
PB126601BS

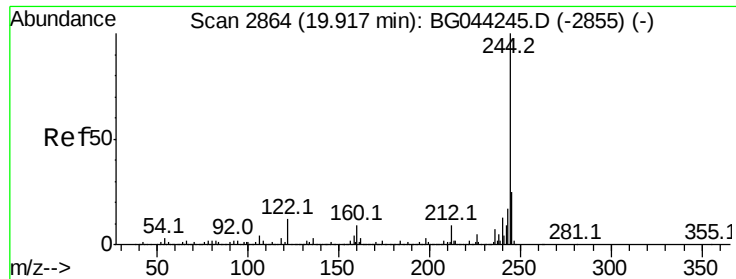
Tot Ion:184 Resp: 582849
Ion Ratio Lower Upper
184 100
185 15.3 12.9 19.3
183 13.3 10.8 16.2



#78
Pyrene
Concen: 40.502 ng
RT: 19.70 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:202 Resp: 1164695
Ion Ratio Lower Upper
202 100
200 24.5 20.0 30.0
203 20.7 16.2 24.2





#79

Terphenyl-d14

Concen: 66.986 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampled :

PB126601BS

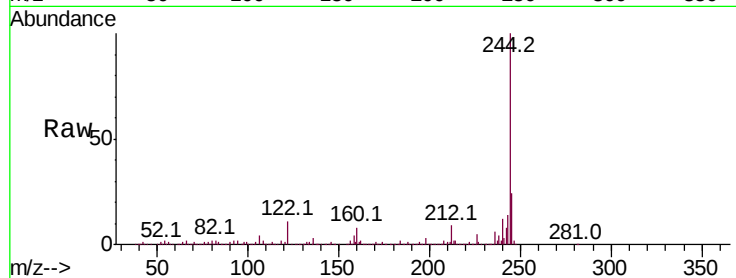
Tot Ion:244 Resp: 1458267

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

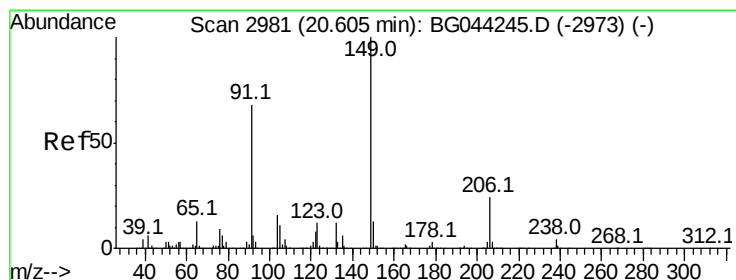
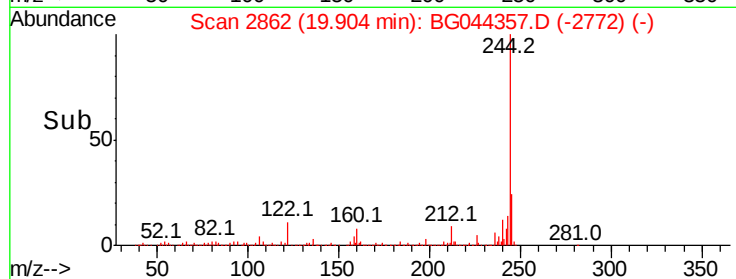
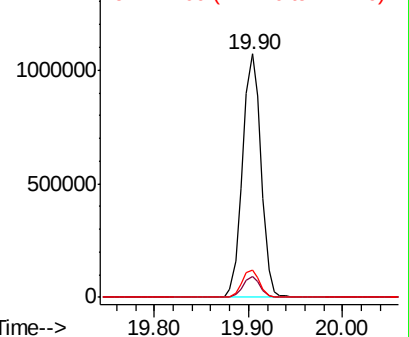
122 11.3 9.8 14.6



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: 38.007 ng

RT: 20.60 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

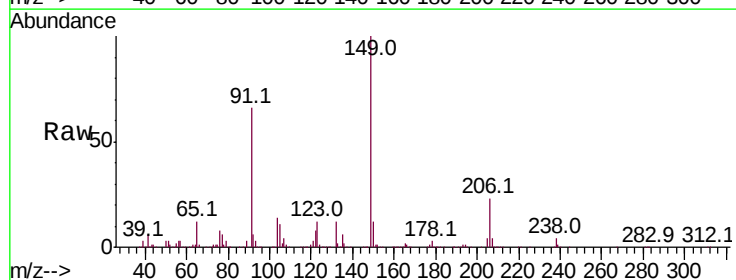
Tgt Ion:149 Resp: 498072

Ion Ratio Lower Upper

149 100

91 65.9 54.5 81.7

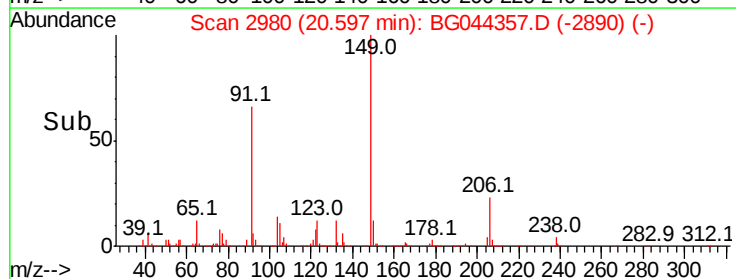
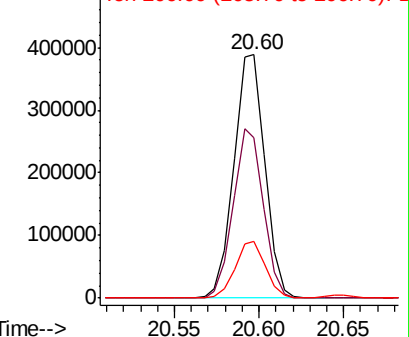
206 23.4 19.1 28.7

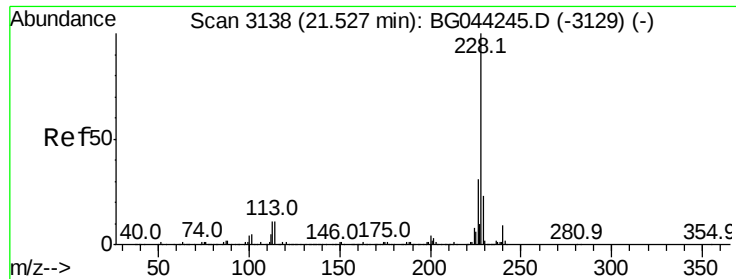


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

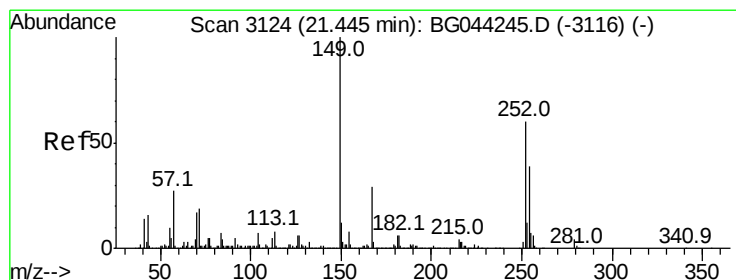
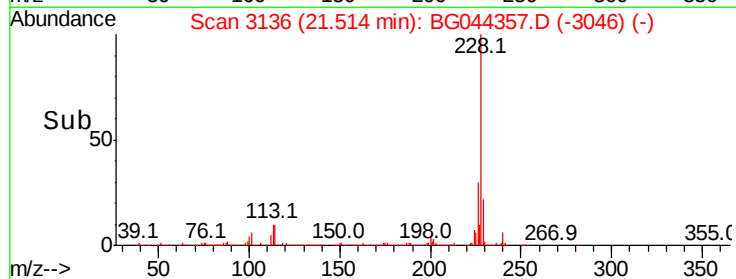
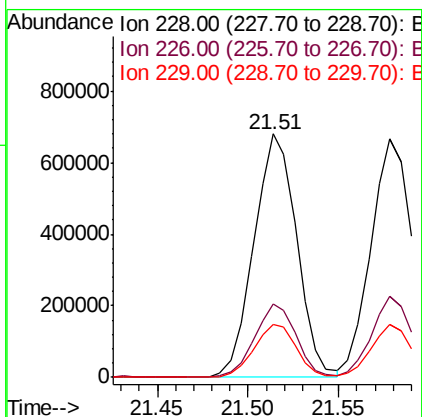
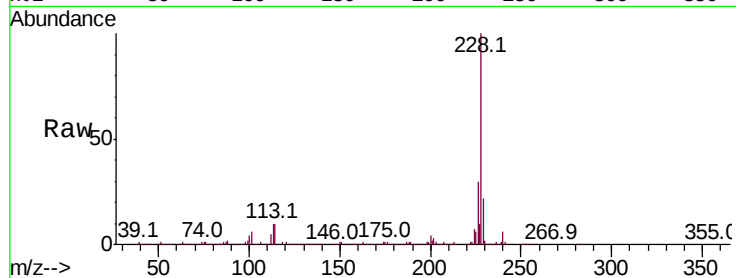




#81
Benzo(a)anthracene
Concen: 40.343 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

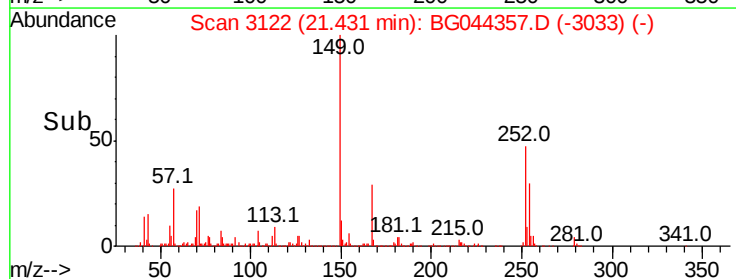
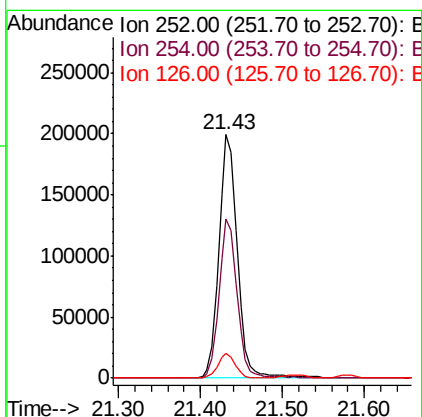
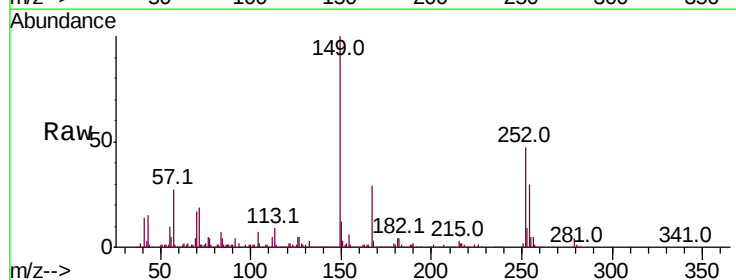
Instrument :
BNA_G
ClientSampleId :
PB126601BS

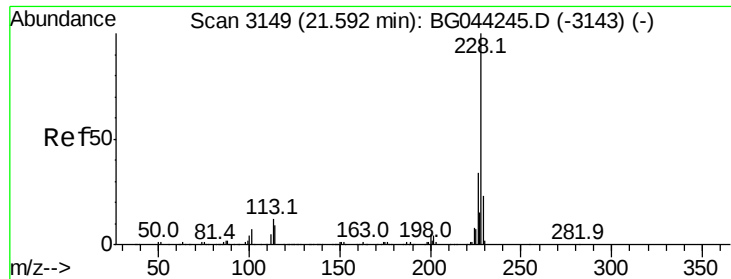
Tot Ion:228 Resp: 1113340
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.9 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 29.190 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:252 Resp: 312647
Ion Ratio Lower Upper
252 100
254 65.2 52.6 78.8
126 10.1 8.2 12.4





#83

Chrysene

Concen: 39.742 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

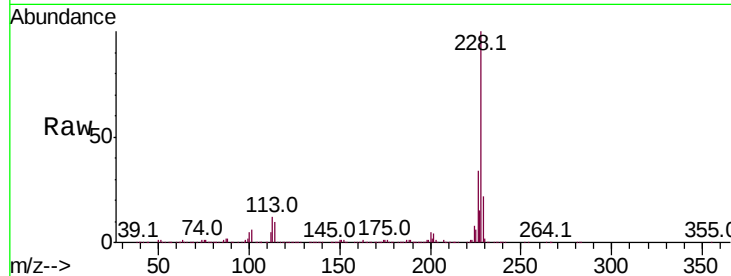
Tot Ion:228 Resp: 1060130

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

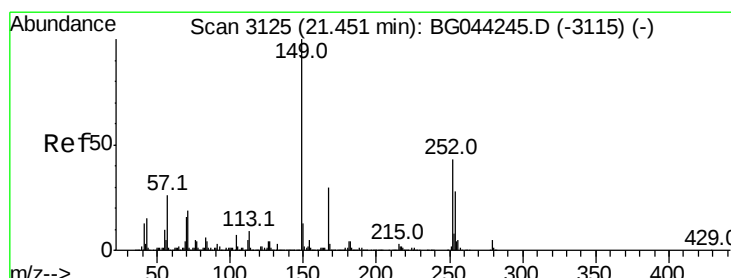
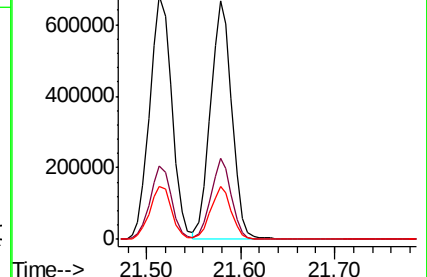
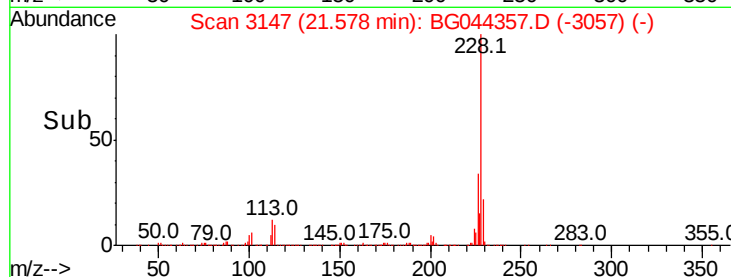
229 22.4 17.9 26.9



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: 39.190 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

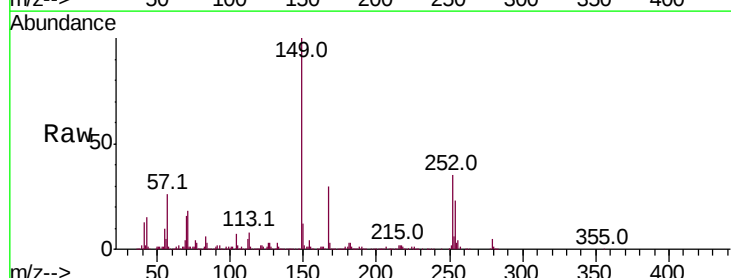
Tgt Ion:149 Resp: 706890

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

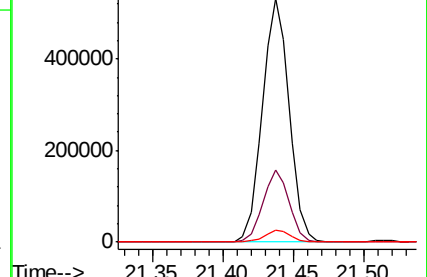
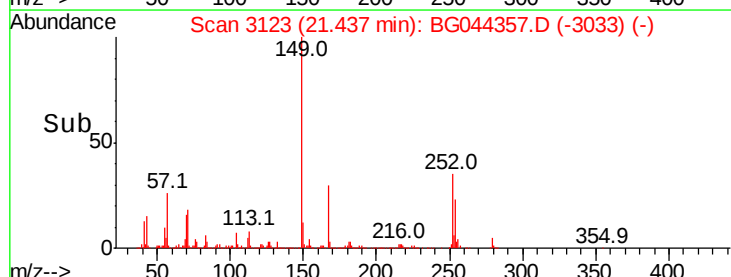
279 4.7 3.8 5.8

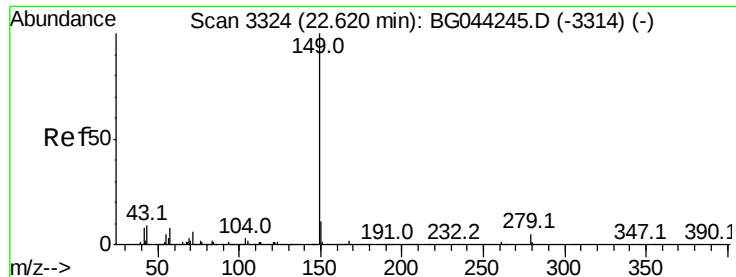


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.690 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

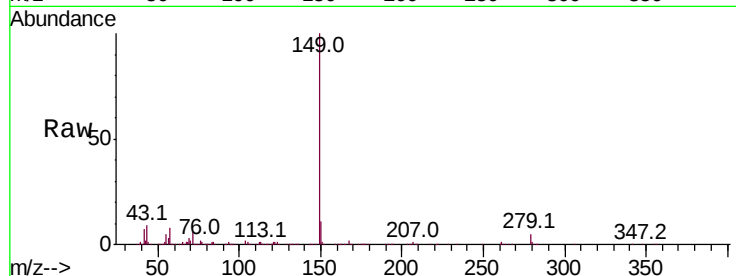
Tot Ion:149 Resp: 1238680

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

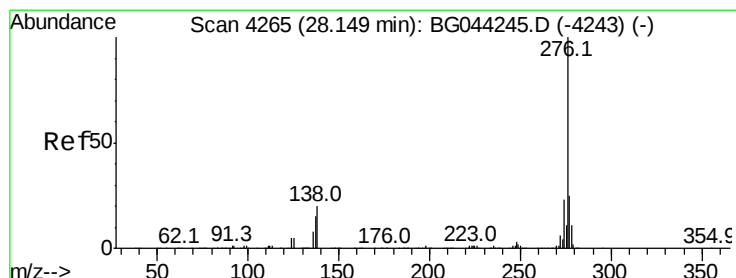
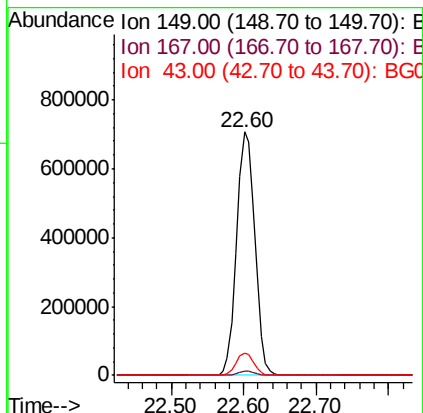
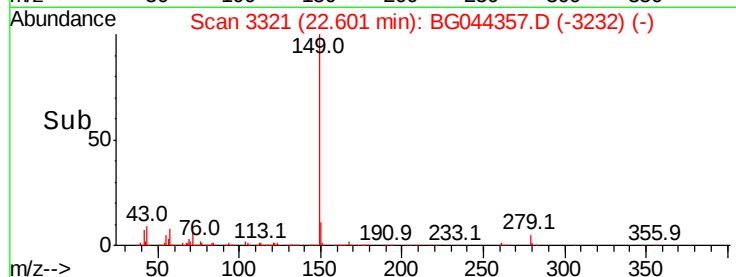
43 8.8 7.4 11.0



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: 39.298 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

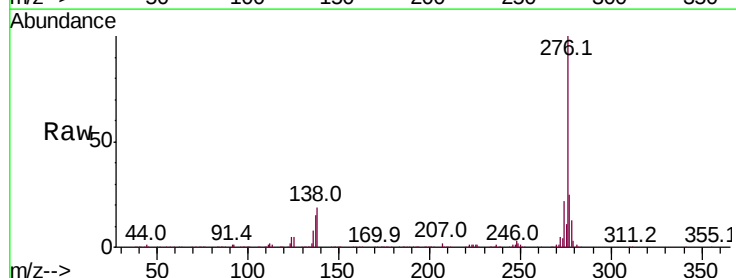
Tgt Ion:276 Resp: 1367636

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

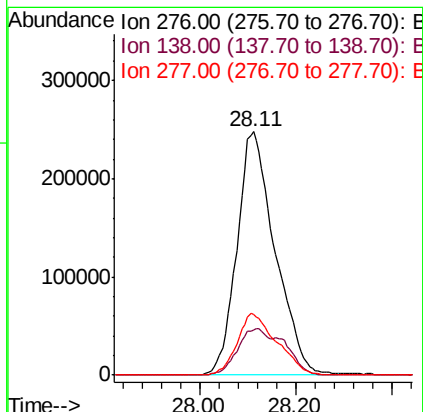
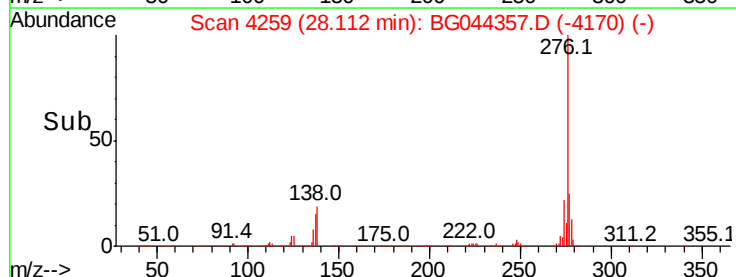
277 26.4 21.0 31.6

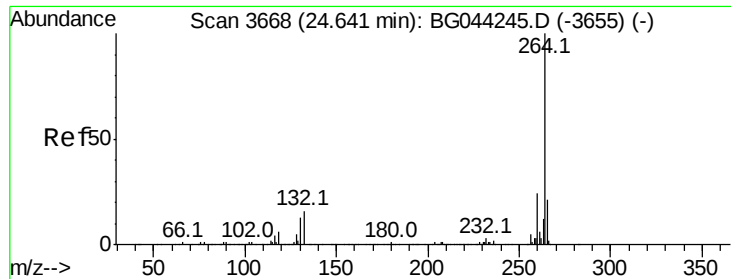


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

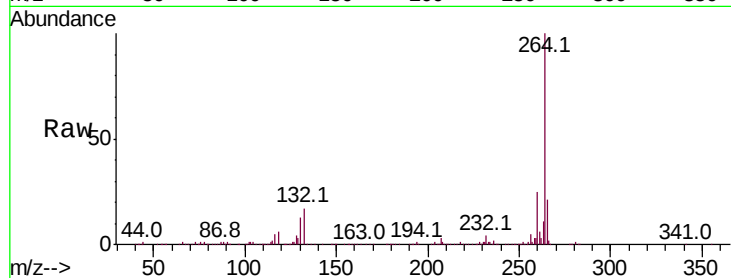
Tot Ion:264 Resp: 500905

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

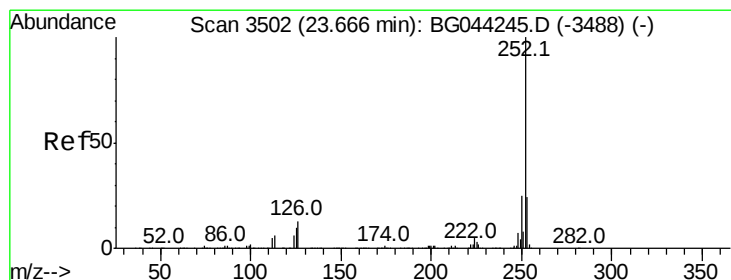
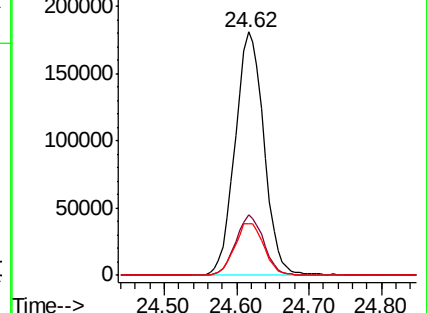
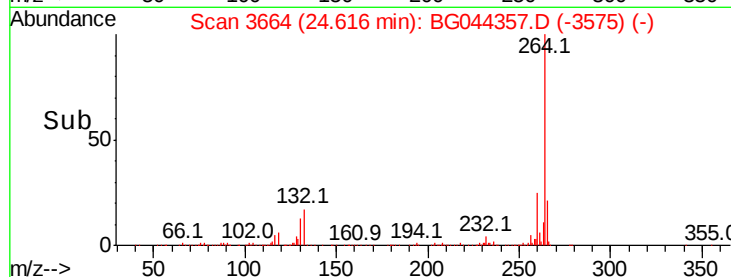
265 21.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.557 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

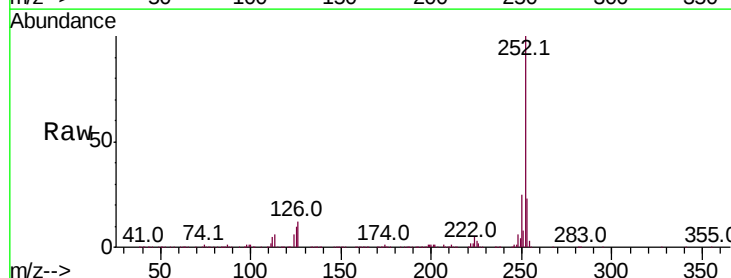
Tgt Ion:252 Resp: 1170625

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

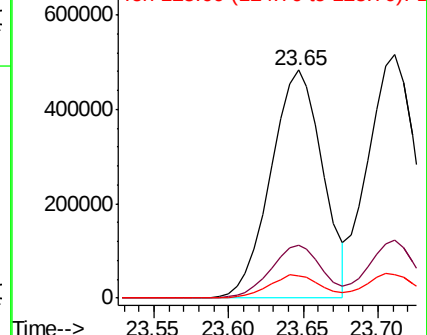
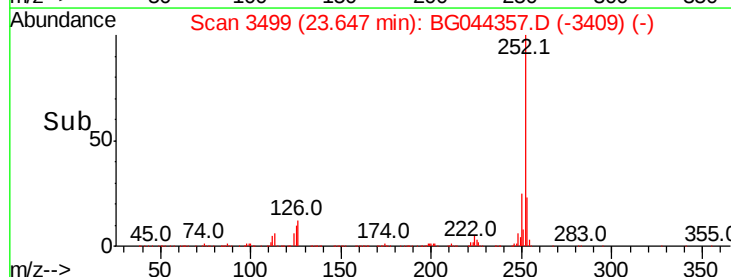
125 9.7 8.4 12.6

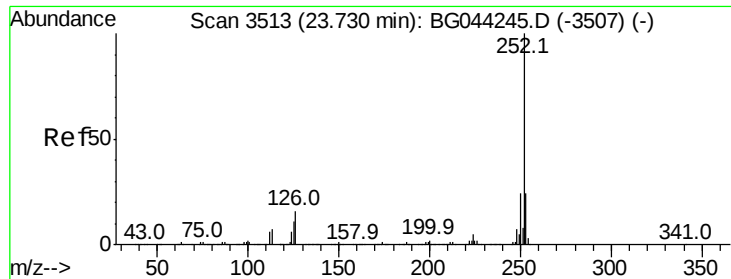


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

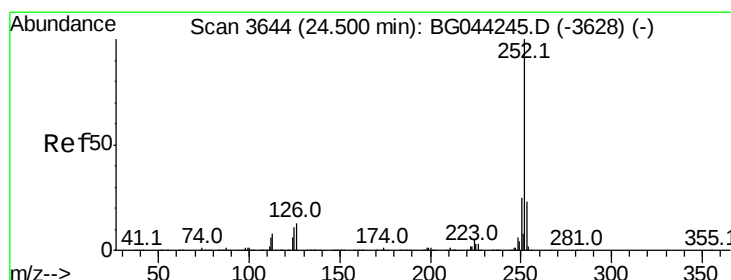
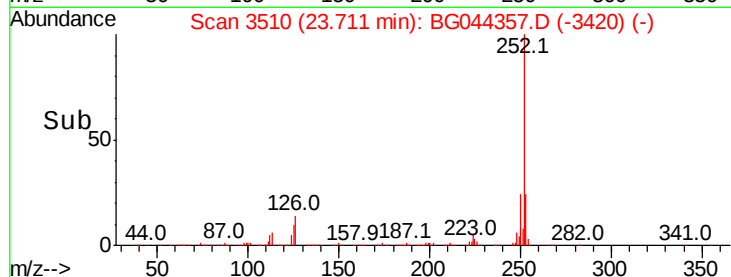
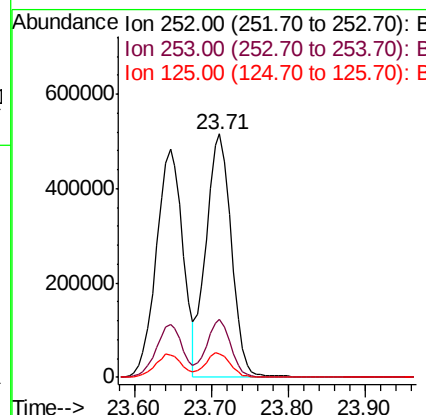
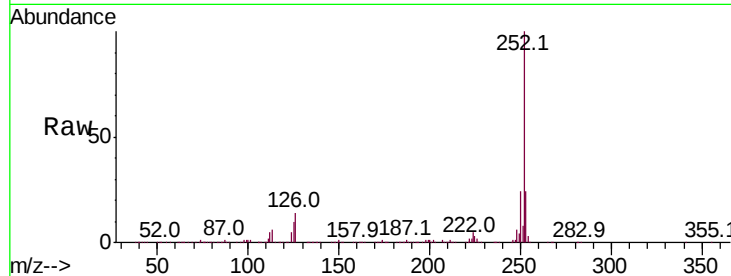




#89
Benzo(k)fluoranthene
Concen: 41.390 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

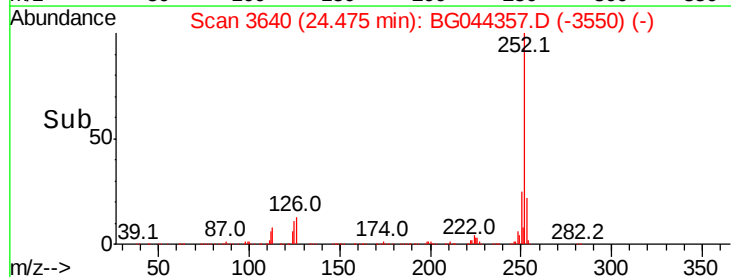
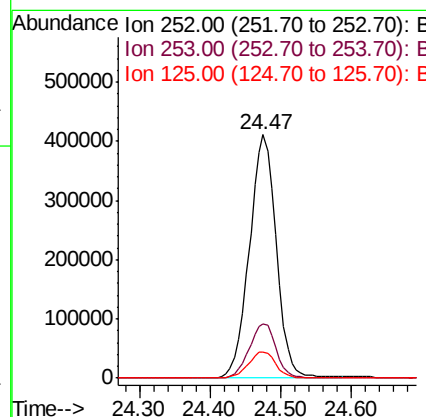
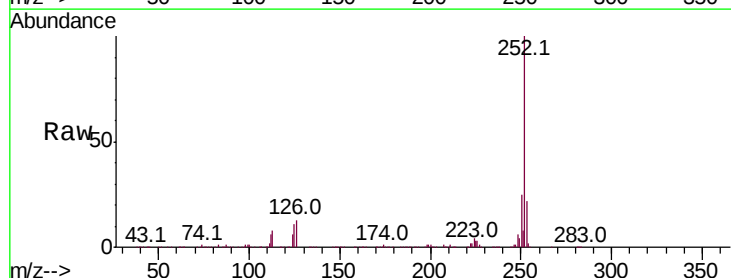
Instrument :
BNA_G
ClientSampleId :
PB126601BS

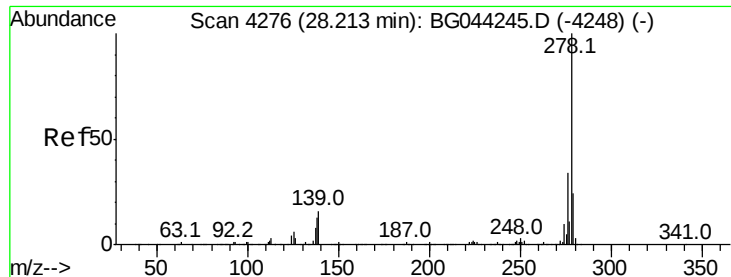
Tot Ion:252 Resp: 1164382
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 9.9 8.6 12.8



#90
Benzo(a)pyrene
Concen: 39.955 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044357.D
Acq: 10 Feb 2020 15:24

Tgt Ion:252 Resp: 1090389
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.726 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

Instrument :

BNA_G

ClientSampleId :

PB126601BS

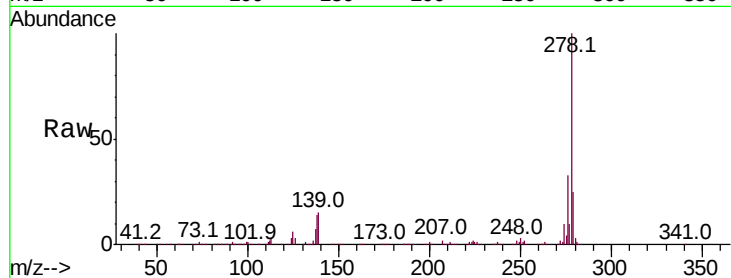
Tot Ion:278 Resp: 1126946

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	24.8	19.3	28.9

278 100

139 14.8 12.7 19.1

279 24.8 19.3 28.9

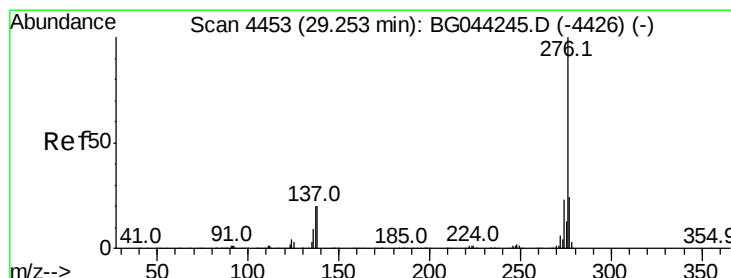
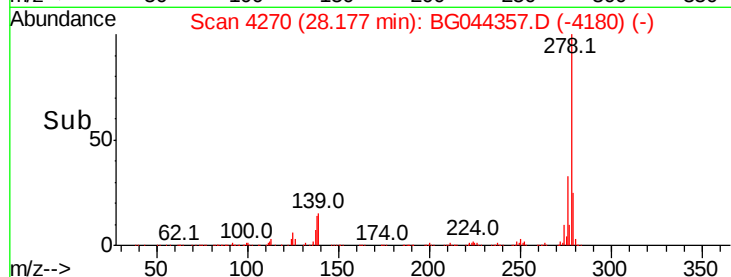
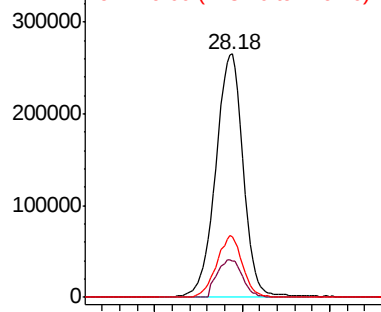


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.505 ng

RT: 29.20 min Scan# 4445

Delta R.T. 0.00 min

Lab File: BG044357.D

Acq: 10 Feb 2020 15:24

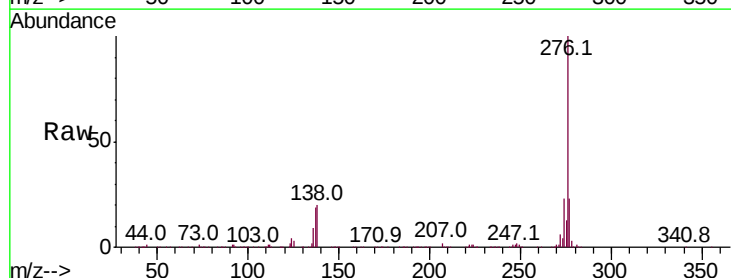
Tgt Ion:276 Resp: 1149217

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.4	16.2	24.2

276 100

277 23.4 18.8 28.2

138 20.4 16.2 24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

