

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043770.D
 Acq On : 25 Nov 2019 15:38
 Operator : JU
 Sample : PB125036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Quant Time: Nov 26 00:25:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35241	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	211244	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	196375	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	574260	20.00	ng	0.00
76) Chrysene-d12	21.66	240	708245	20.00	ng	0.00
87) Perylene-d12	24.84	264	617991	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	353365	180.27	ng	0.00
7) Phenol-d6	7.18	99	547564	192.16	ng	0.00
23) Nitrobenzene-d5	9.18	82	245233	63.83	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	307359	129.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	720750	60.33	ng	0.00
79) Terphenyl-d14	20.01	244	1973056	62.95	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	25336	29.150	ng 92
3) Pyridine	3.91	79	82075	33.537	ng 96
4) n-Nitrosodimethylamine	3.82	42	53392	43.918	ng 86
6) Aniline	7.35	93	155309	41.824	ng 98
8) 2-Chlorophenol	7.59	128	142597	63.780	ng 93
9) Benzaldehyde	7.16	77	68504	40.246	ng 93
10) Phenol	7.21	94	204189	69.801	ng 96
11) bis(2-Chloroethyl)ether	7.45	93	124120	50.840	ng 93
12) 1,3-Dichlorobenzene	7.92	146	112768	42.846	ng 98
13) 1,4-Dichlorobenzene	8.06	146	116881	43.845	ng 97
14) 1,2-Dichlorobenzene	8.38	146	118793	47.096	ng 100
15) Benzyl Alcohol	8.26	79	143540	60.308	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	191763	45.672	ng 99
17) 2-Methylphenol	8.46	107	142003	67.896	ng 97
18) Hexachloroethane	9.12	117	40537	40.282	ng 97
19) n-Nitroso-di-n-propylamine	8.83	70	124043	55.355	ng 92
20) 3+4-Methylphenols	8.79	107	202751	69.487	ng 98
22) Acetophenone	8.85	105	218170	38.967	ng # 96
24) Nitrobenzene	9.22	77	165094	41.804	ng 98
25) Isophorone	9.75	82	364047	44.190	ng 96
26) 2-Nitrophenol	9.94	139	65636	46.066	ng 97
27) 2,4-Dimethylphenol	10.00	122	170036	60.776	ng 92
28) bis(2-Chloroethoxy)methane	10.23	93	207397	40.846	ng 97
29) 2,4-Dichlorophenol	10.47	162	176030	51.755	ng 97
30) 1,2,4-Trichlorobenzene	10.70	180	151504	38.013	ng 97
31) Naphthalene	10.88	128	455812	43.498	ng 99
32) Benzoic acid	10.10	122	121111	60.028	ng 98
33) 4-Chloroaniline	10.98	127	163890	32.462	ng 95
34) Hexachlorobutadiene	11.18	225	83156	31.729	ng 95
35) Caprolactam	11.72	113	37180	26.884	ng 92
36) 4-Chloro-3-methylphenol	12.10	107	216336	56.599	ng 97
37) 2-Methylnaphthalene	12.49	142	389649	49.342	ng 98
38) 1-Methylnaphthalene	12.70	142	373227	49.800	ng 98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	203015	32.490	ng 98

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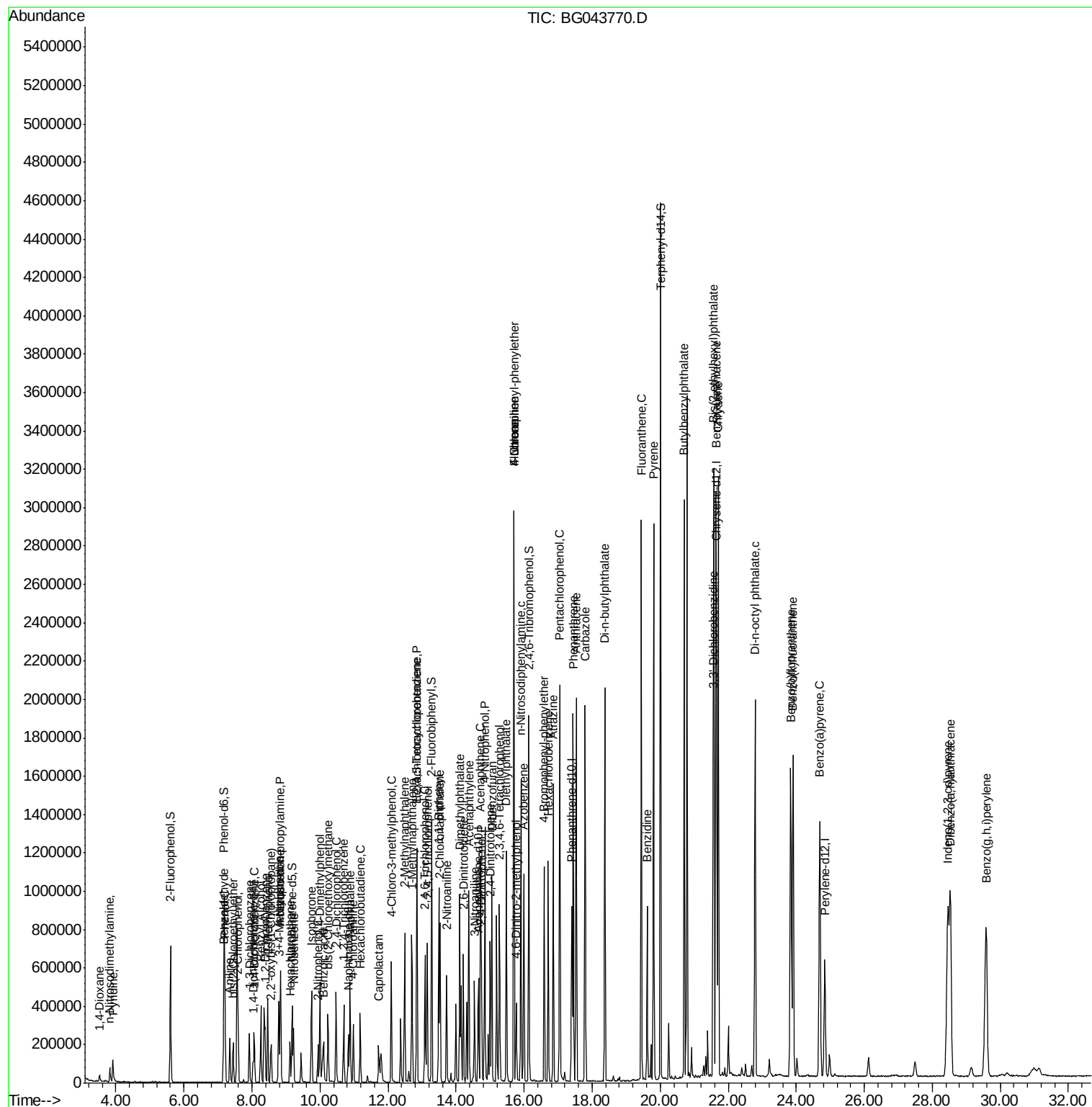
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	204454	60.561	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	169743	42.238	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	198472	47.472	ng	98
46) 1,1'-Biphenyl	13.49	154	532154	39.094	ng	99
47) 2-Chloronaphthalene	13.53	162	427029	38.469	ng	98
48) 2-Nitroaniline	13.72	65	157299	48.402	ng	100
49) Acenaphthylene	14.37	152	756343	43.307	ng	99
50) Dimethylphthalate	14.11	163	658803	42.350	ng	99
51) 2,6-Dinitrotoluene	14.22	165	148516	51.410	ng	95
52) Acenaphthene	14.72	154	502646	45.004	ng	99
53) 3-Nitroaniline	14.54	138	135350	40.112	ng	# 92
54) 2,4-Dinitrophenol	14.74	184	118919	100.754	ng	# 69
55) Dibenzofuran	15.05	168	761876	43.787	ng	99
56) 4-Nitrophenol	14.84	139	353038	124.213	ng	93
57) 2,4-Dinitrotoluene	15.00	165	223998	55.910	ng	96
58) Fluorene	15.70	166	632430	44.322	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	201701	48.034	ng	# 88
60) Diethylphthalate	15.48	149	707676	44.460	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	325894	41.483	ng	100
62) 4-Nitroaniline	15.70	138	198751	51.367	ng	92
63) Azobenzene	15.99	77	651063	44.467	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	92997	44.967	ng	94
66) n-Nitrosodiphenylamine	15.91	169	632455	41.597	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	225148	37.178	ng	99
68) Hexachlorobenzene	16.71	284	242480	36.626	ng	94
69) Atrazine	16.85	200	283761	46.568	ng	96
70) Pentachlorophenol	17.05	266	377746	93.506	ng	98
71) Phenanthrene	17.44	178	1219794	42.928	ng	99
72) Anthracene	17.53	178	1255740	43.748	ng	99
73) Carbazole	17.79	167	1295313	46.900	ng	98
74) Di-n-butylphthalate	18.37	149	1500593	41.227	ng	99
75) Fluoranthene	19.45	202	1758691	43.148	ng	95
77) Benzidine	19.62	184	539503	26.077	ng	100
78) Pyrene	19.80	202	1807649	39.547	ng	97
80) Butylbenzylphthalate	20.70	149	888495	42.670	ng	100
81) Benzo(a)anthracene	21.64	228	1910973	40.360	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	541177	30.479	ng	99
83) Chrysene	21.71	228	1773815	39.591	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	1187424	40.529	ng	96
85) Di-n-octyl phthalate	22.79	149	1727272	36.347	ng	98
86) Indeno(1,2,3-cd)pyrene	28.45	276	1827631	35.068	ng	98
88) Benzo(b)fluoranthene	23.84	252	1581967	42.874	ng	98
89) Benzo(k)fluoranthene	23.90	252	1547070	43.688	ng	98
90) Benzo(a)pyrene	24.69	252	1444354	41.629	ng	97
91) Dibenzo(a,h)anthracene	28.53	278	1502227	44.637	ng	# 95
92) Benzo(g,h,i)perylene	29.58	276	1514152	45.623	ng	98

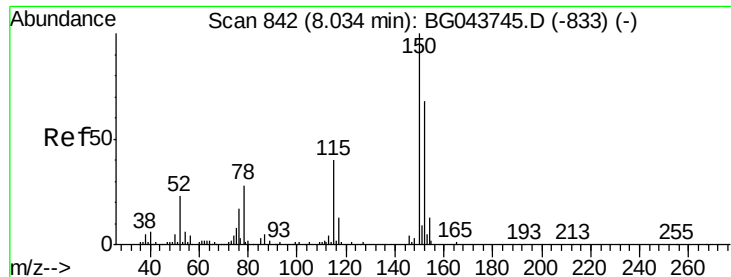
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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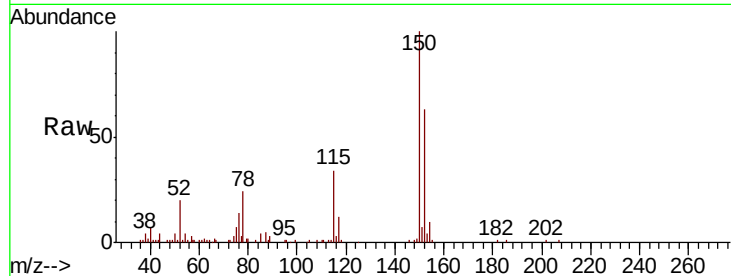


#1

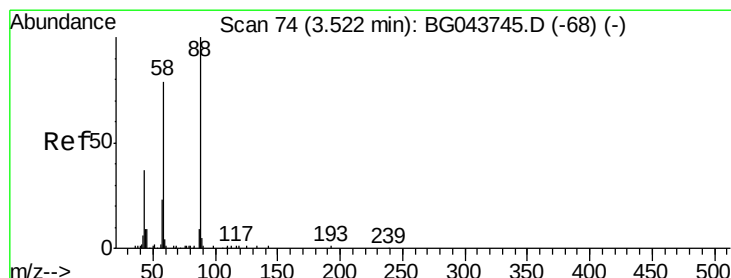
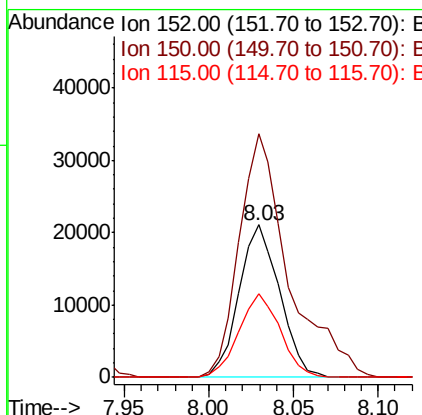
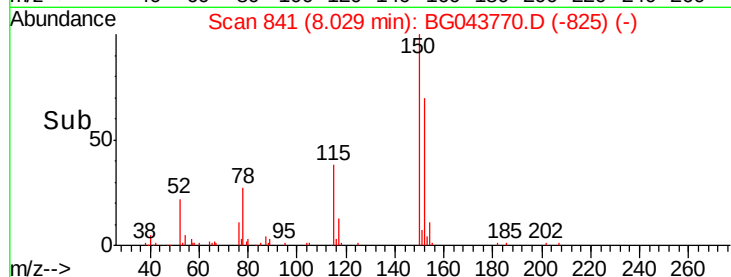
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	152	Resp	35241
Ion Ratio	Lower	Upper	
152	100		
150	159.9	117.8	176.8
115	54.9	47.0	70.4



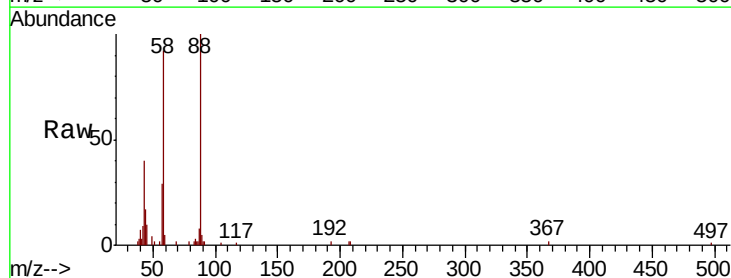
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



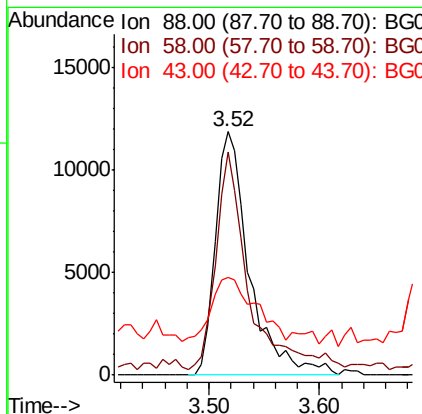
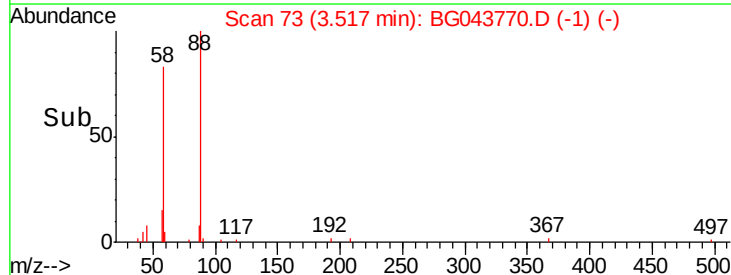
#2

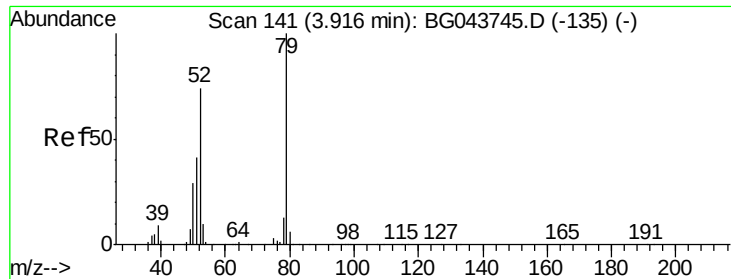
1,4-Dioxane
Concen: 29.150 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	88	Resp	25336
Ion Ratio	Lower	Upper	
88	100		
58	86.1	62.3	93.5
43	32.9	28.9	43.3



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: 33.537 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

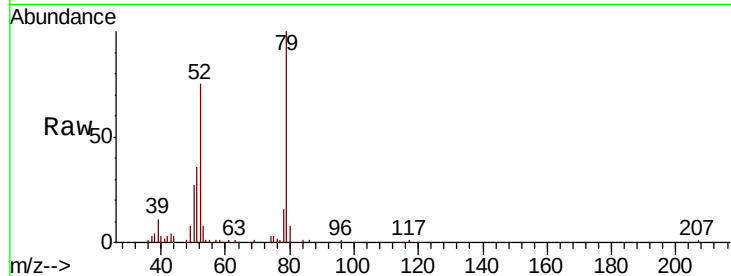
Tot Ion: 79 Resp: 82075

Ion Ratio Lower Upper

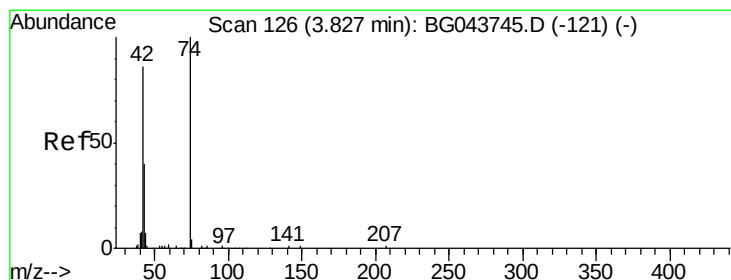
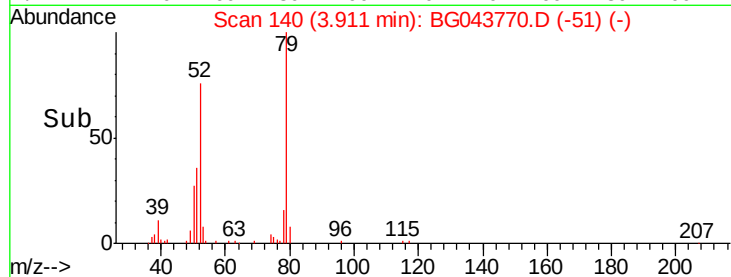
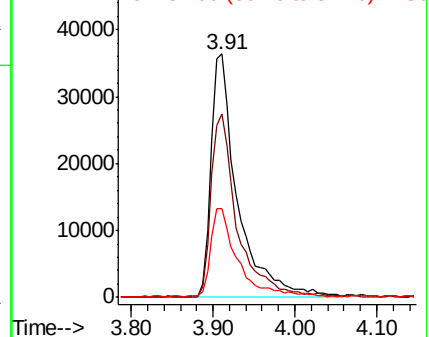
79 100

52 75.3 59.0 88.6

51 36.3 32.9 49.3



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: 43.918 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

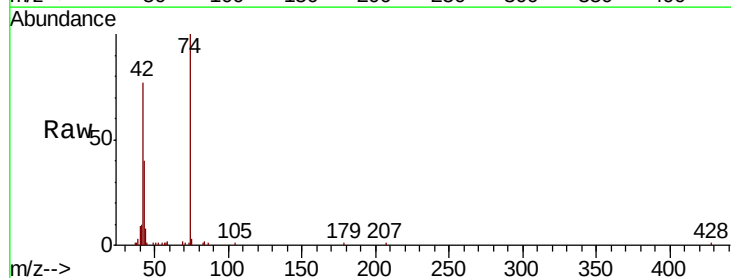
Tgt Ion: 42 Resp: 53392

Ion Ratio Lower Upper

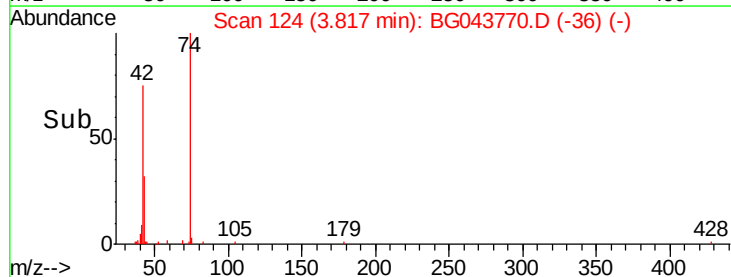
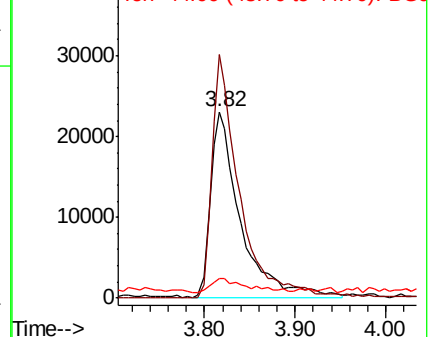
42 100

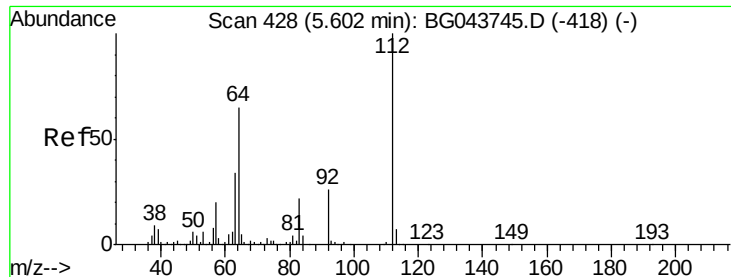
74 130.7 91.9 137.9

44 10.3 9.1 13.7



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: 180.265 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

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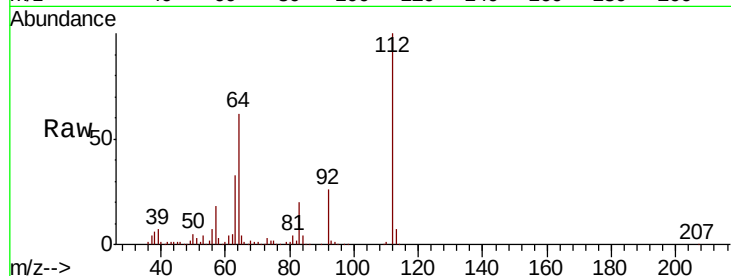
Tot Ion:112 Resp: 353365

Ion Ratio Lower Upper

112 100

64 62.5 51.7 77.5

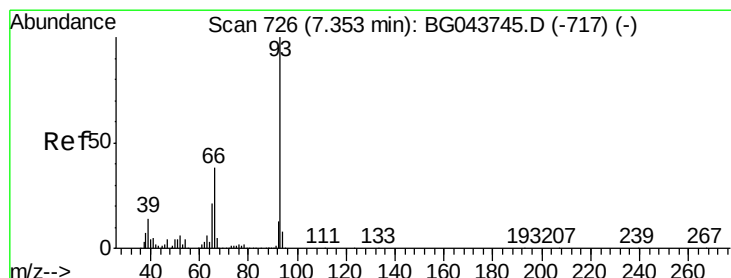
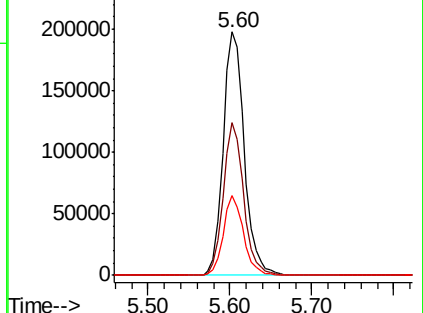
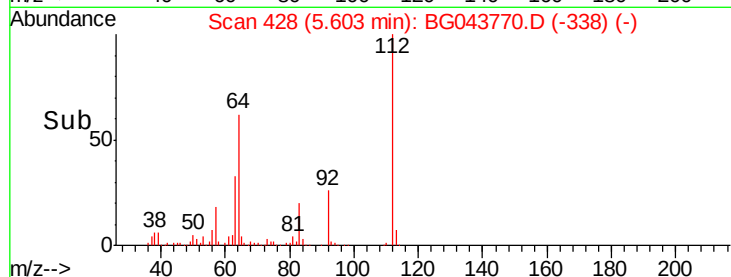
63 32.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.824 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

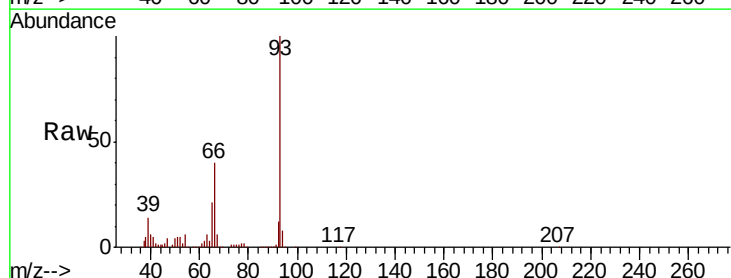
Tgt Ion: 93 Resp: 155309

Ion Ratio Lower Upper

93 100

66 39.8 30.6 46.0

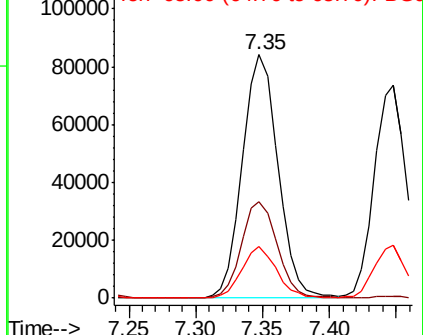
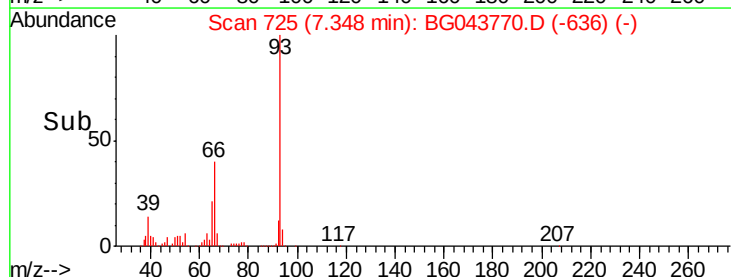
65 21.1 16.8 25.2

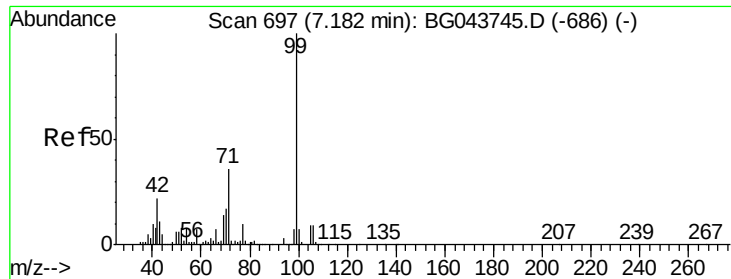


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 192.157 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

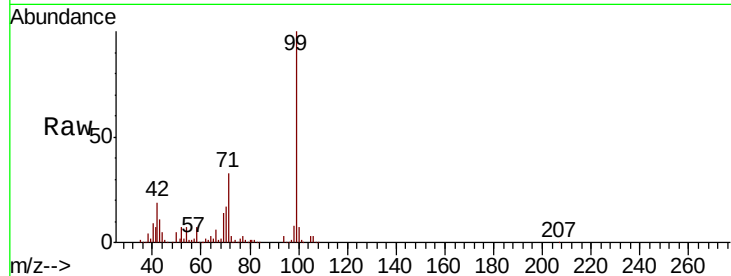
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 547564

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.4	26.0
71	33.3	29.5	44.3

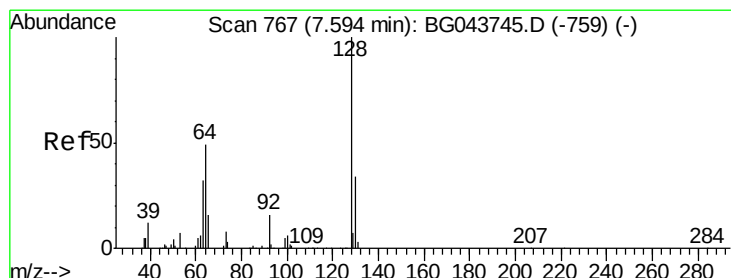
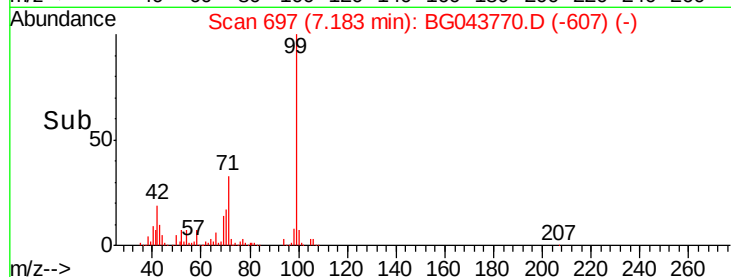
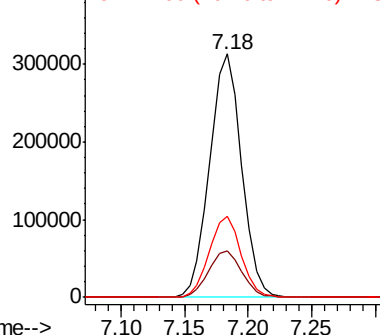


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 63.780 ng

RT: 7.59 min Scan# 767

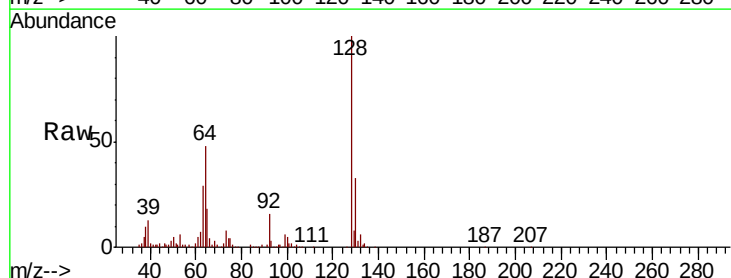
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion: 128 Resp: 142597

Ion	Ratio	Lower	Upper
128	100		
130	32.5	14.3	54.3
64	48.1	34.5	74.5

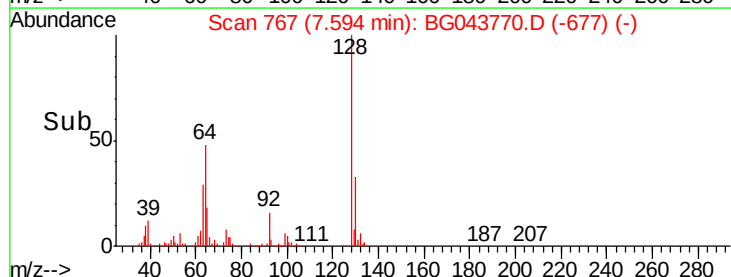
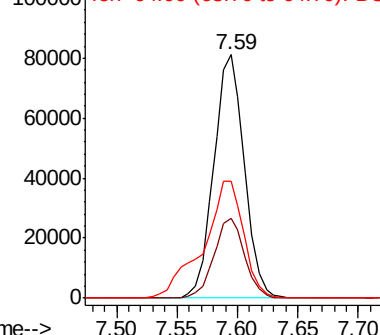


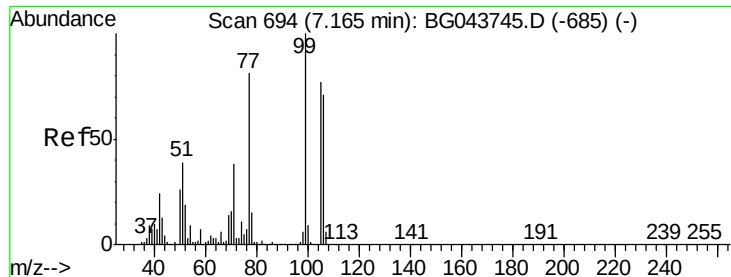
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.246 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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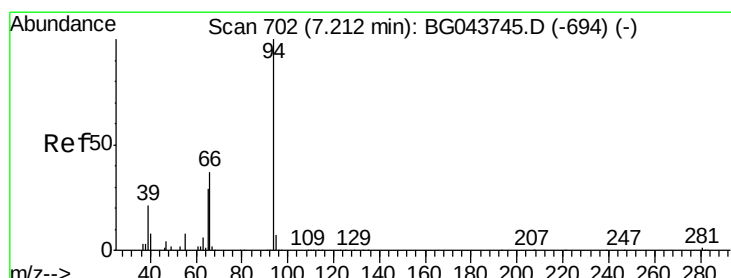
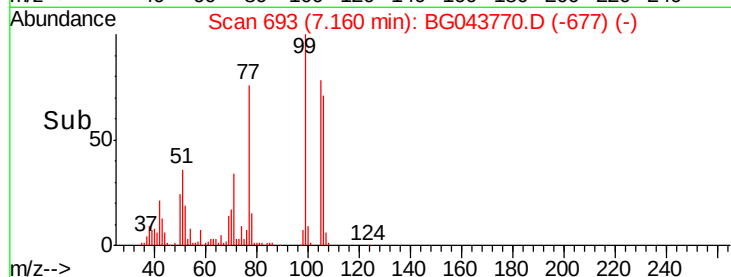
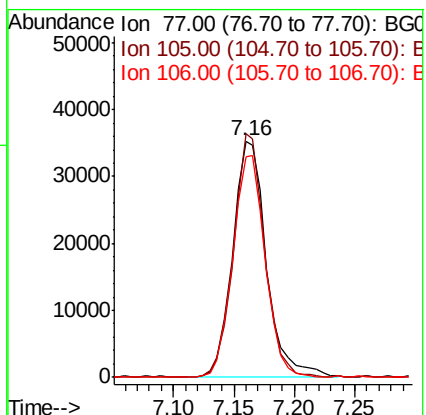
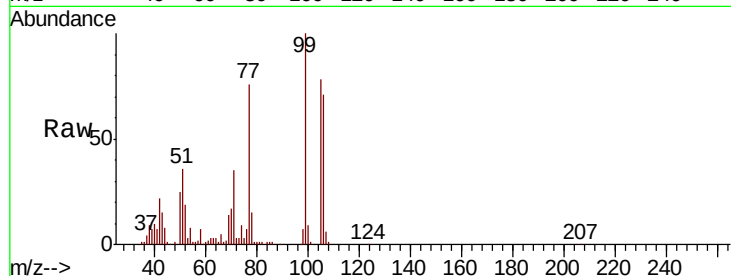
Tot Ion: 77 Resp: 68504

Ion Ratio Lower Upper

77 100

105 102.9 75.0 115.0

106 93.5 67.4 107.4



#10

Phenol

Concen: 69.801 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

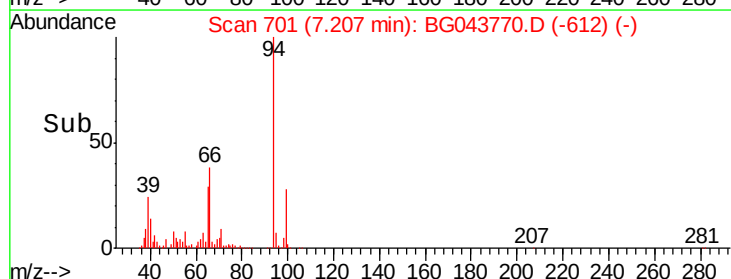
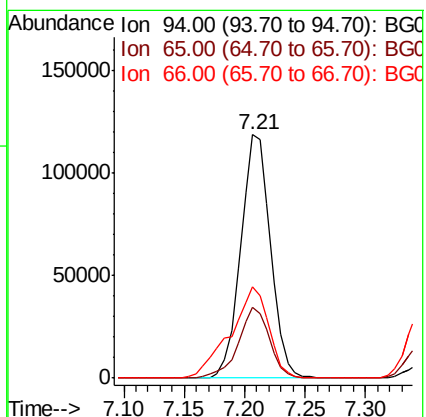
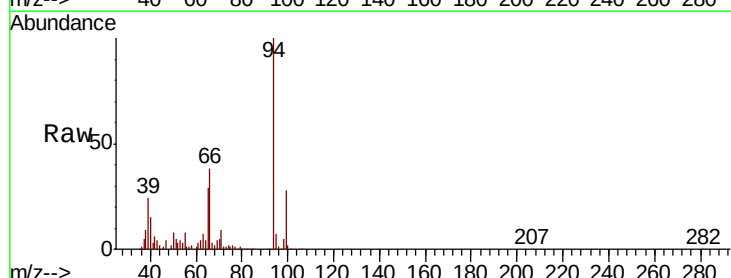
Tgt Ion: 94 Resp: 204189

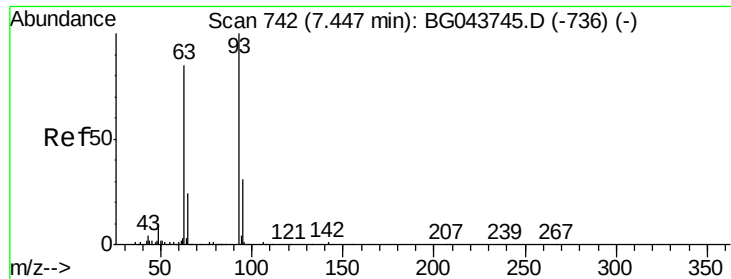
Ion Ratio Lower Upper

94 100

65 29.1 10.3 50.3

66 37.6 20.5 60.5

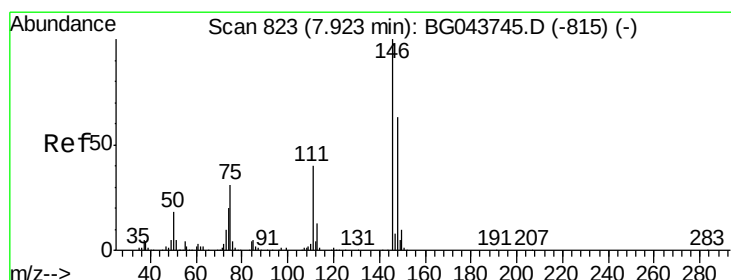
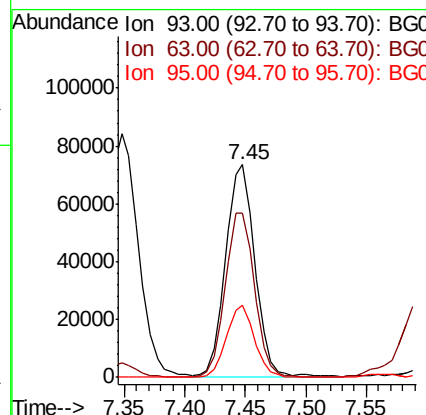
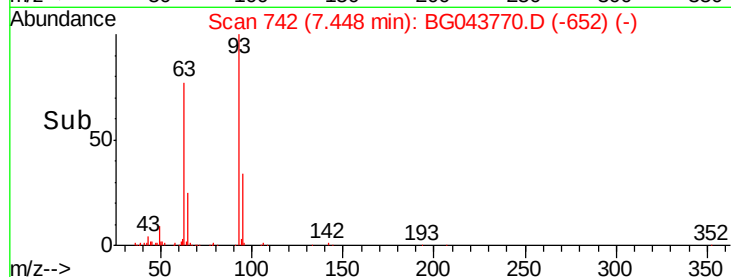
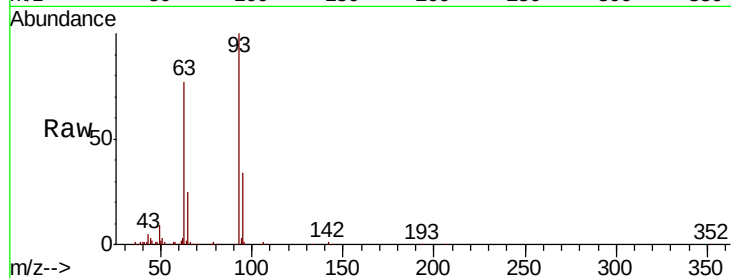




#11
bis(2-Chloroethyl)ether
Concen: 50.840 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

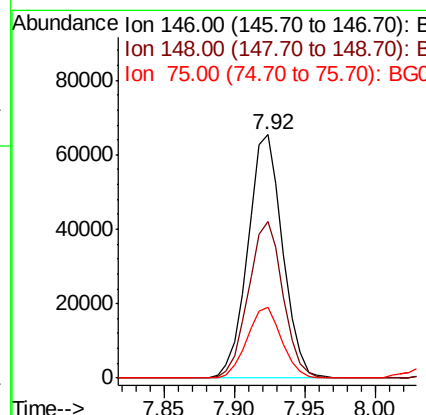
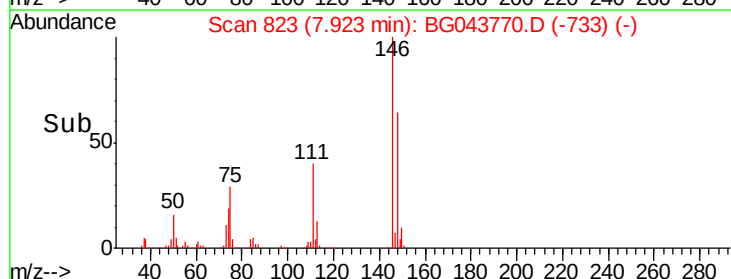
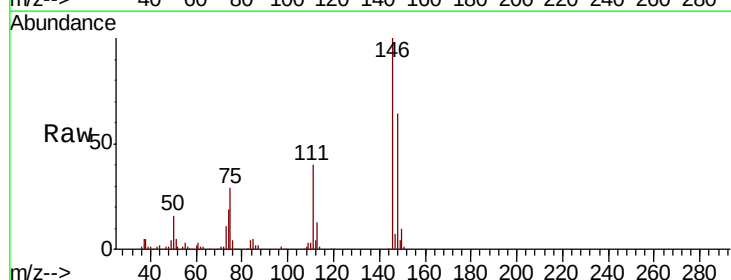
Instrument :
BNA_G
ClientSampleId :
PB125036BS

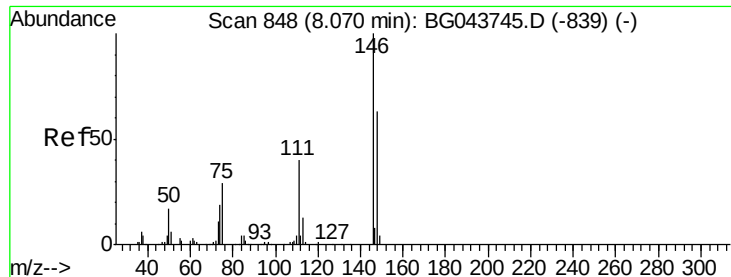
Tot Ion: 93 Resp: 124120
Ion Ratio Lower Upper
93 100
63 77.4 64.4 104.4
95 33.8 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 42.846 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion: 146 Resp: 112768
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 29.3 25.2 37.8

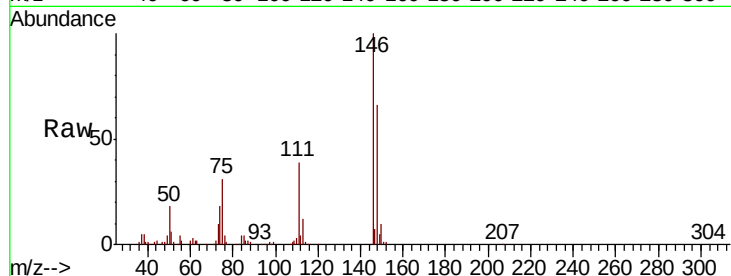




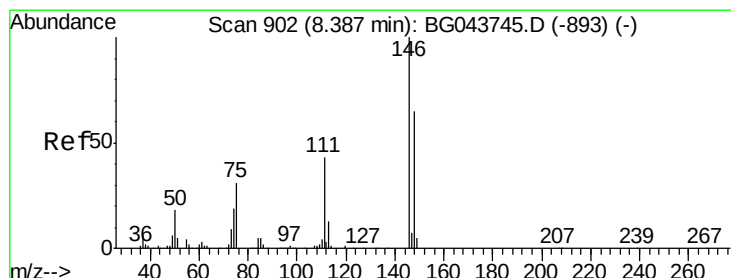
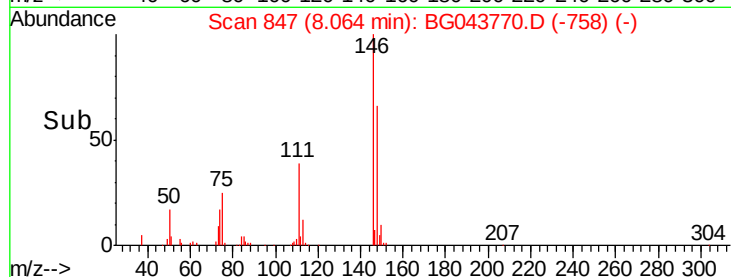
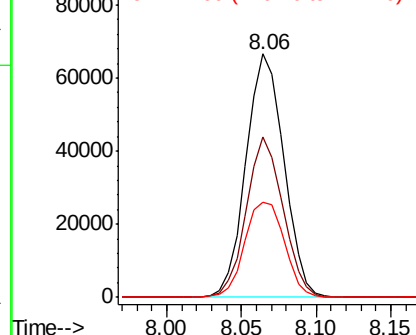
#13
 1,4-Dichlorobenzene
 Concen: 43.845 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Tot Ion:146 Resp: 116881
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.1 75.1
 111 39.0 32.1 48.1

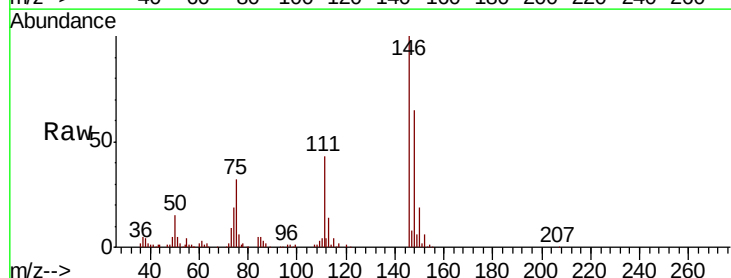


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

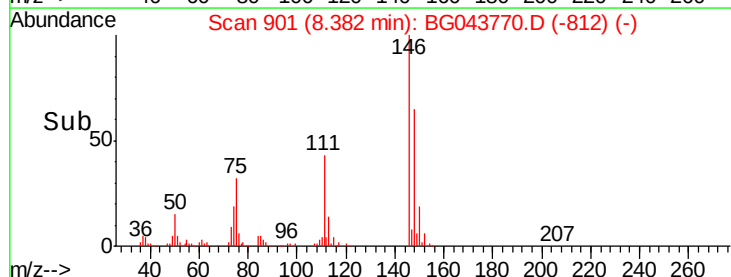
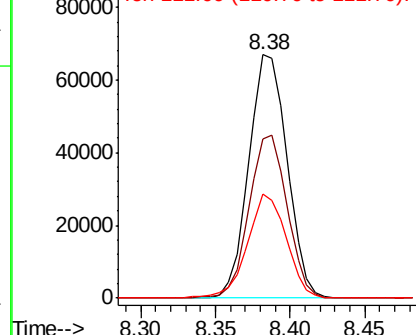


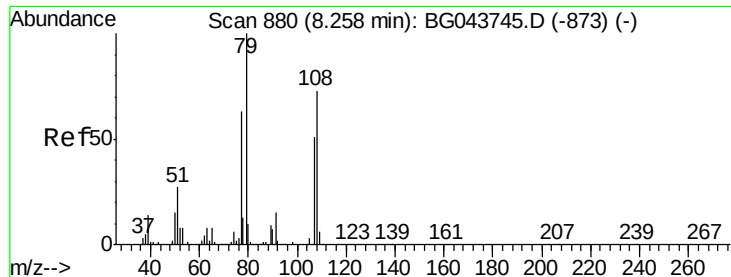
#14
 1,2-Dichlorobenzene
 Concen: 47.096 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion:146 Resp: 118793
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.1 78.1
 111 42.8 34.7 52.1



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: 60.308 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

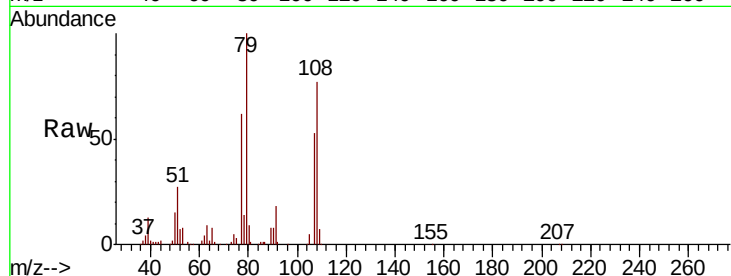
Tot Ion: 79 Resp: 143540

Ion Ratio Lower Upper

79 100

108 77.4 58.2 87.2

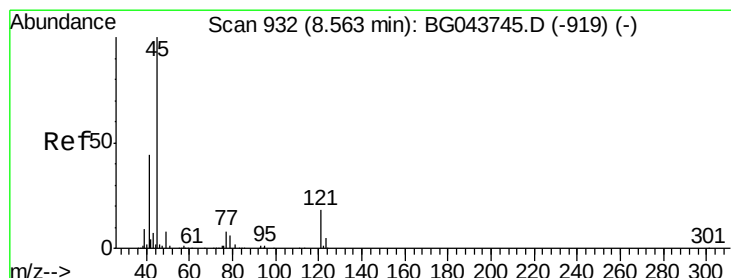
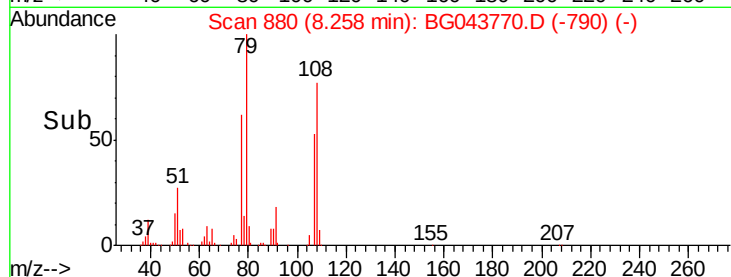
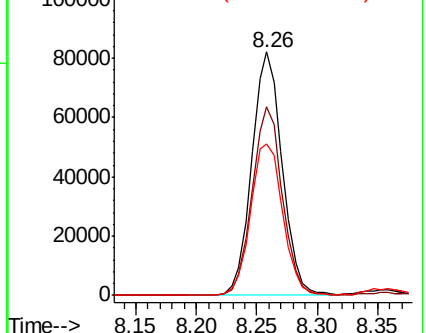
77 62.2 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.672 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

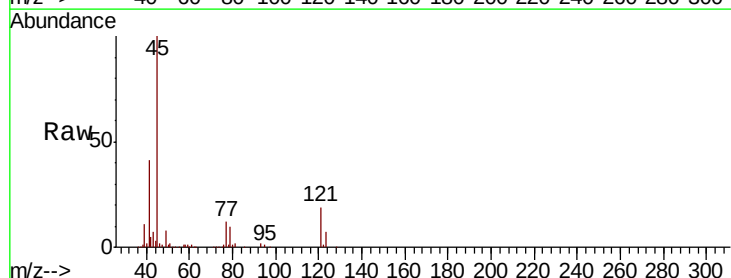
Tgt Ion: 45 Resp: 191763

Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.2

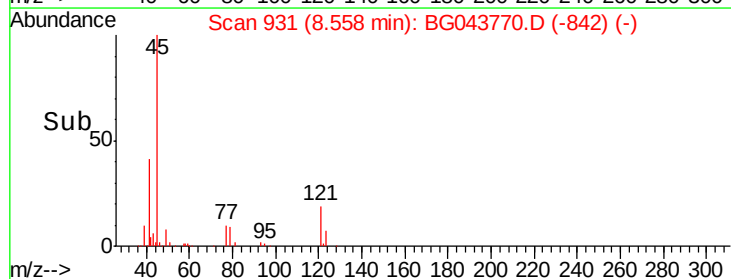
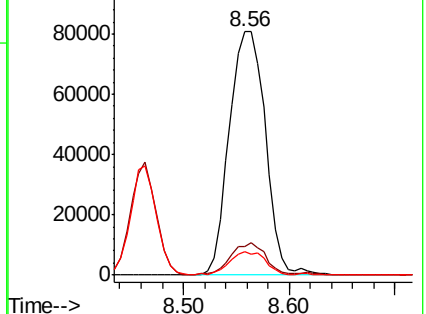
79 9.7 0.0 29.9

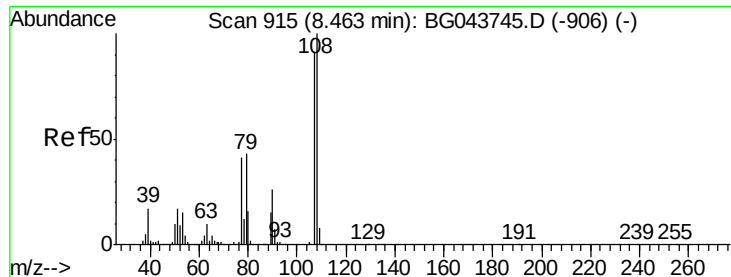


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 67.896 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:107 Resp: 142003

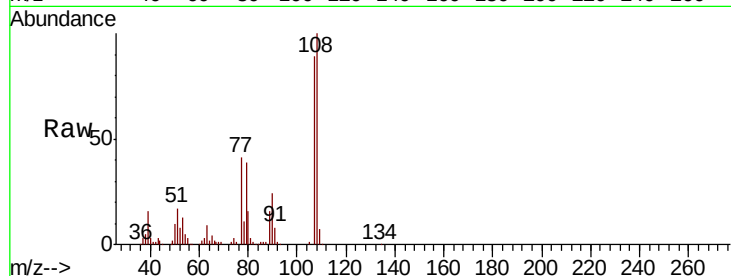
Ion Ratio Lower Upper

107 100

108 112.2 88.0 132.0

77 45.9 35.9 53.9

79 44.3 38.2 57.2

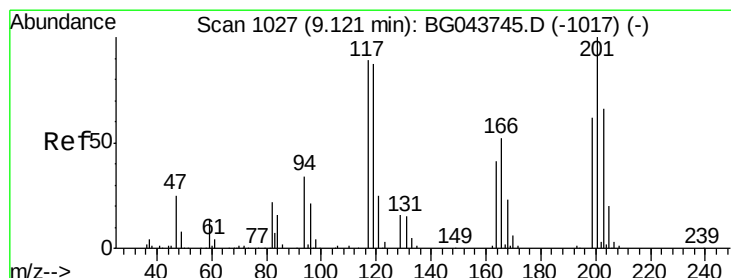
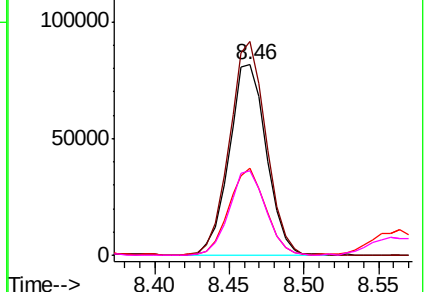
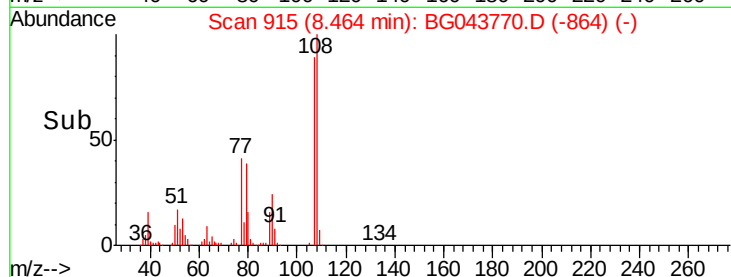


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.282 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

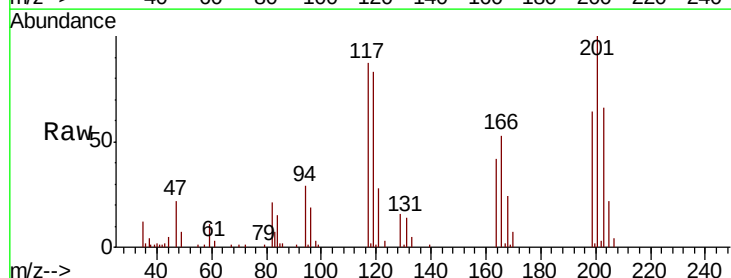
Tgt Ion:117 Resp: 40537

Ion Ratio Lower Upper

117 100

119 95.5 77.7 116.5

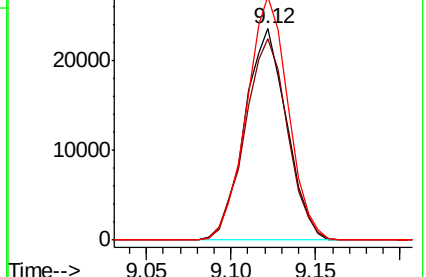
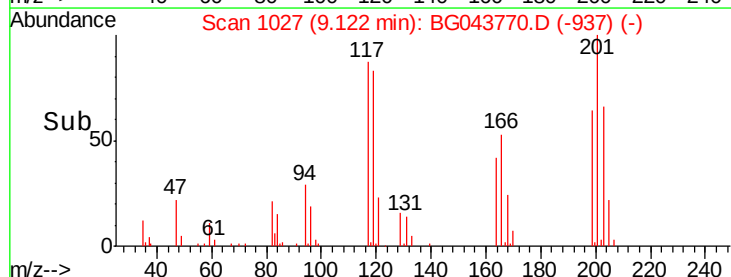
201 115.4 89.4 134.0

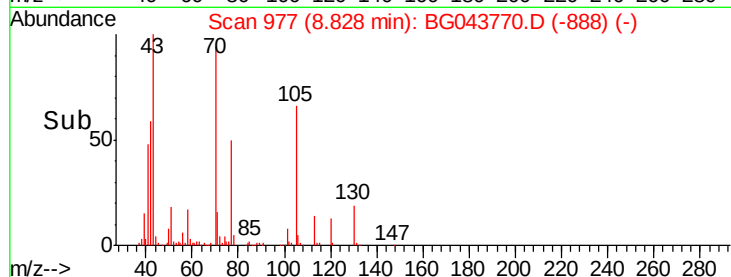
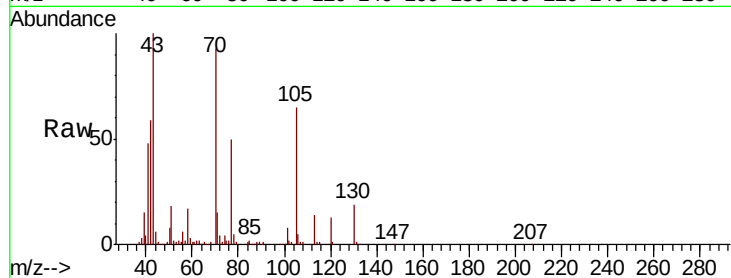
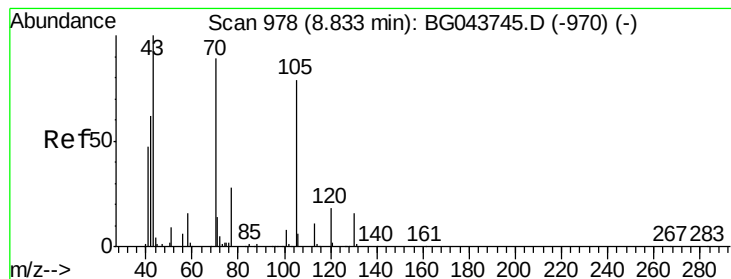


Abundance Ion 117.00 (116.70 to 117.70): E

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: 55.355 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion: 70 Resp: 124043

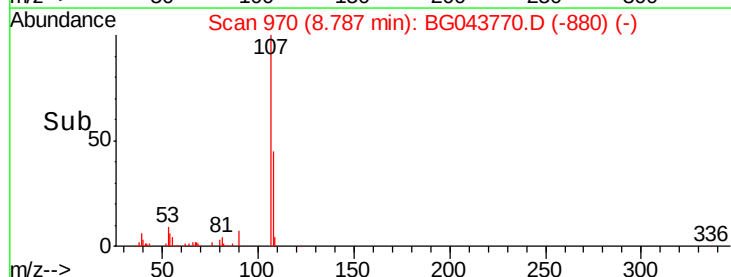
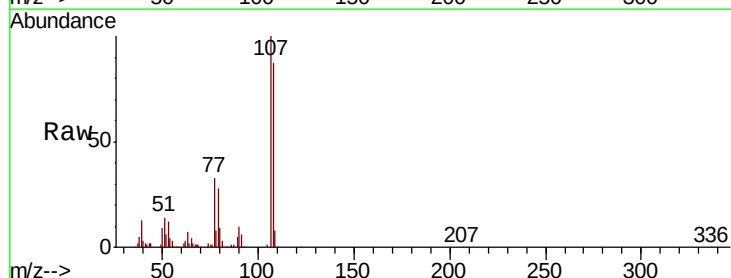
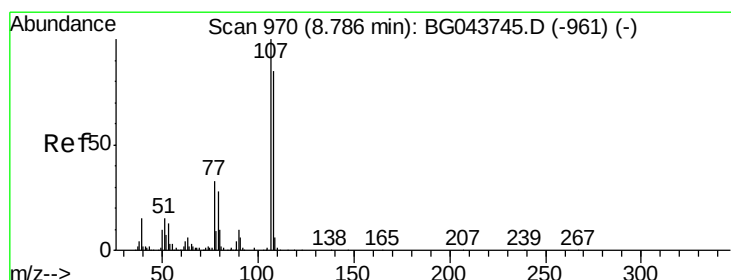
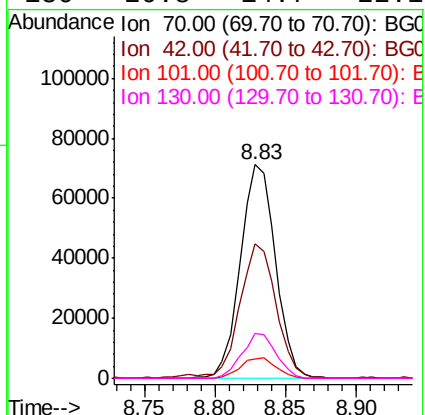
Ion Ratio Lower Upper

70 100

42 63.0 56.4 84.6

101 8.9 6.7 10.1

130 20.8 14.7 22.1



#20

3+4-Methylphenols

Concen: 69.487 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion:107 Resp: 202751

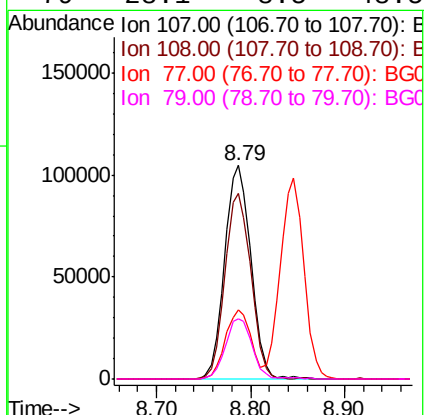
Ion Ratio Lower Upper

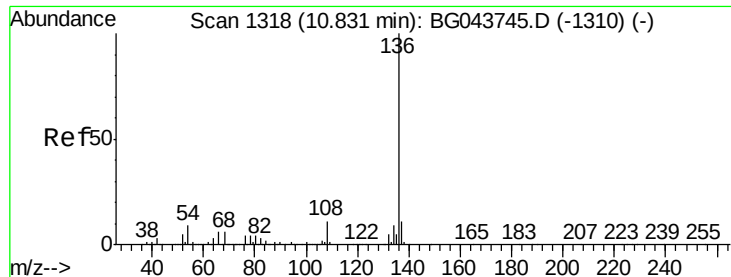
107 100

108 86.8 64.6 104.6

77 32.6 13.7 53.7

79 28.1 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:136 Resp: 211244

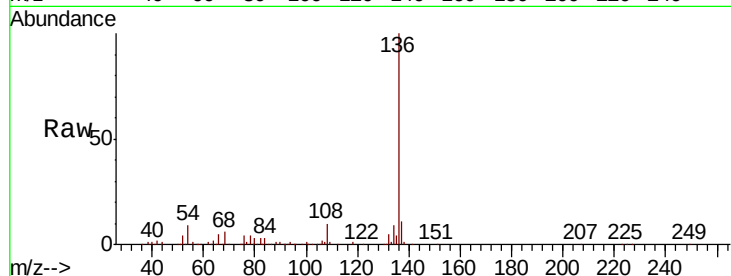
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.6 7.5 11.3

68 5.7 4.9 7.3

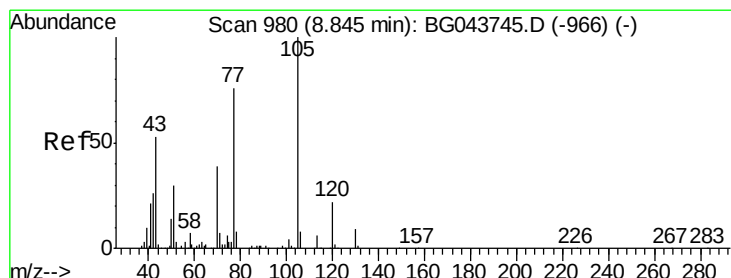
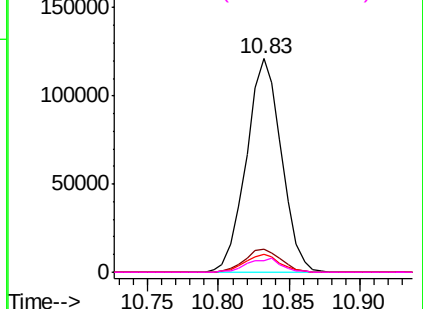
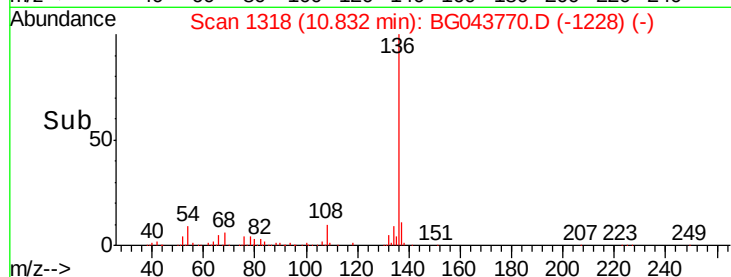


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.967 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion:105 Resp: 218170

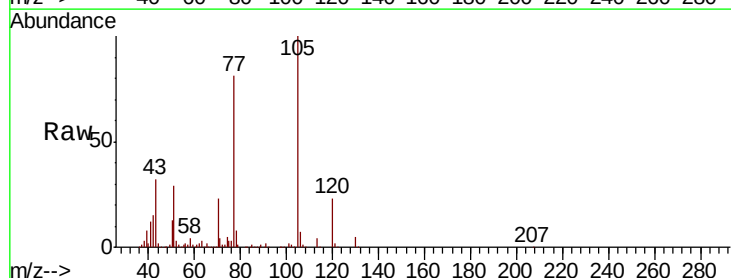
Ion Ratio Lower Upper

105 100

71 4.2 6.3 9.5#

51 28.9 24.7 37.1

120 22.8 17.7 26.5

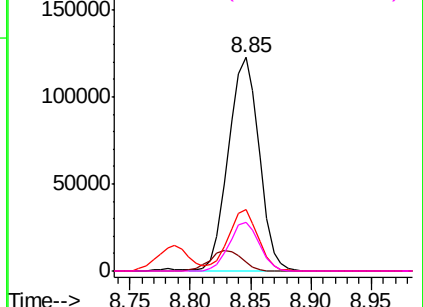
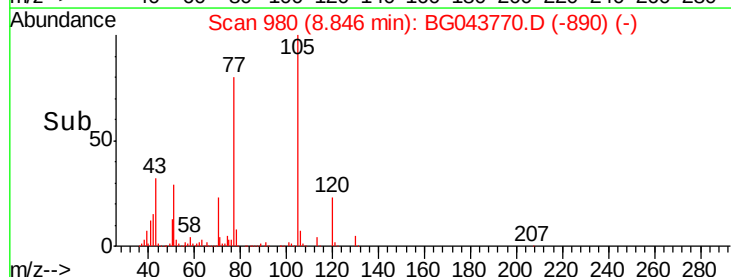


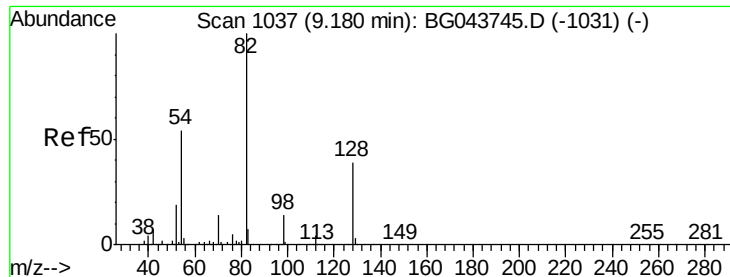
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

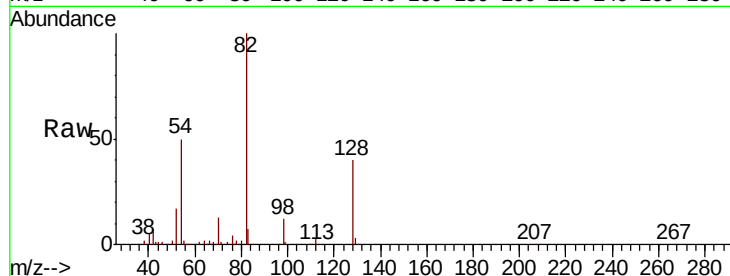




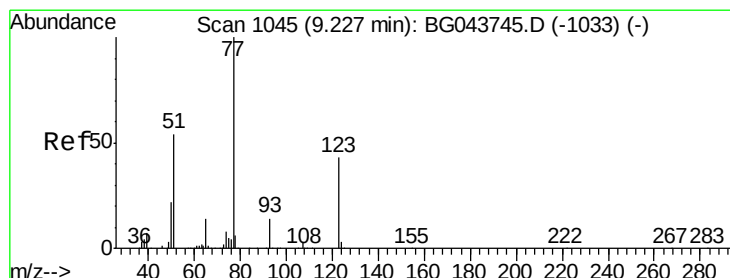
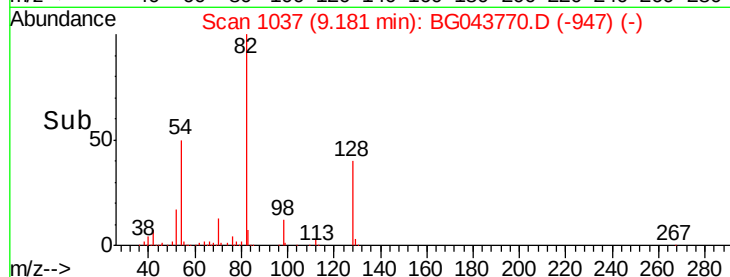
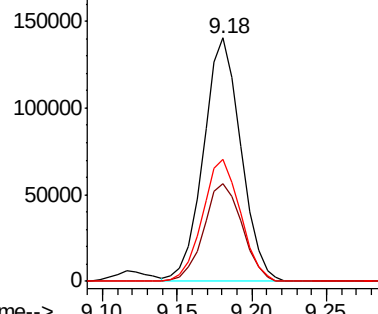
#23
 Nitrobenzene-d5
 Concen: 63.829 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Tot Ion	82	Resp	245233
Ion Ratio	Lower	Upper	
82	100		
128	40.3	31.3	46.9
54	50.0	42.7	64.1

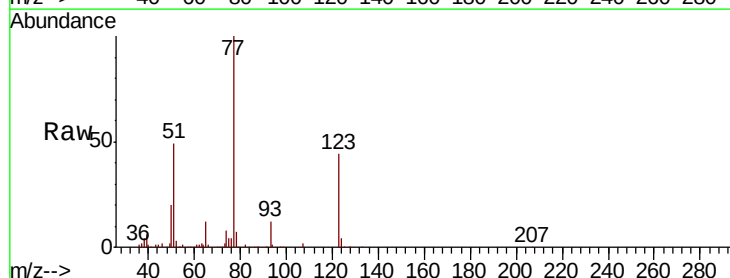


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

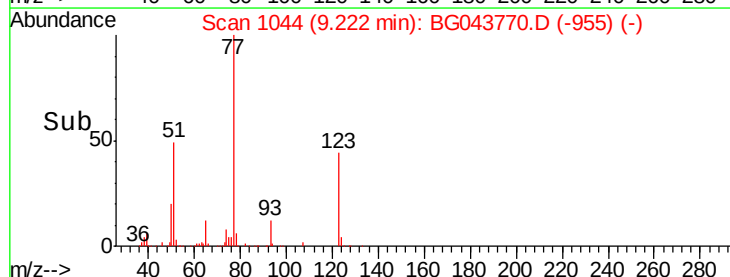
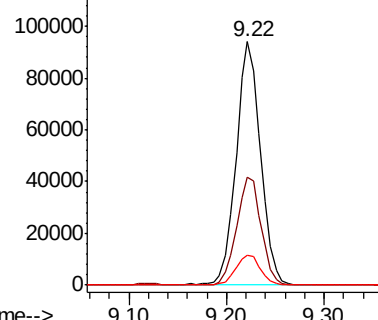


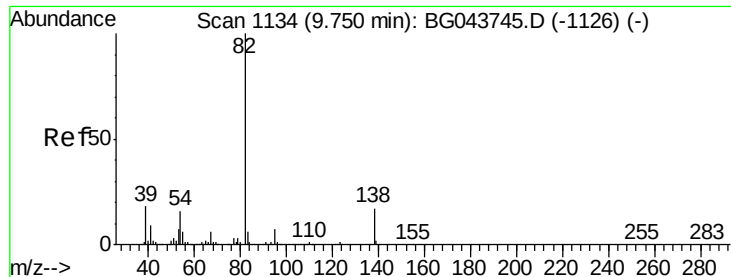
#24
 Nitrobenzene
 Concen: 41.804 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion	77	Resp	165094
Ion Ratio	Lower	Upper	
77	100		
123	44.3	34.7	52.1
65	12.3	11.0	16.6



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

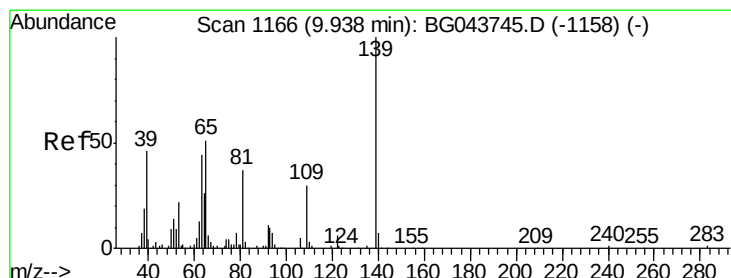
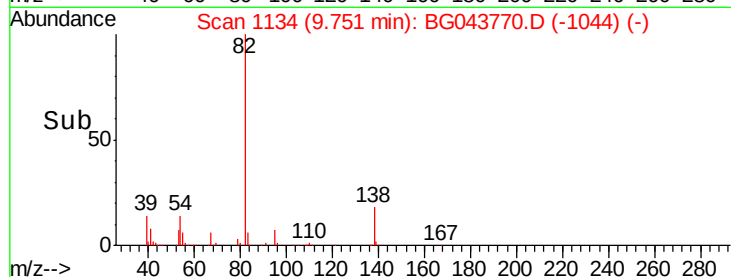
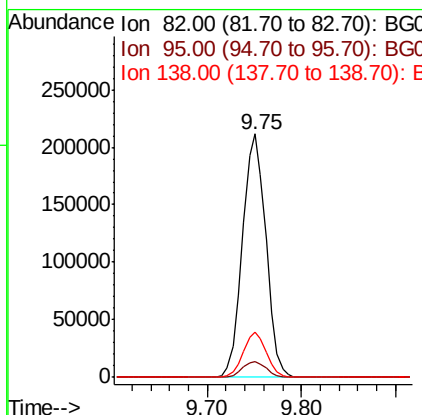
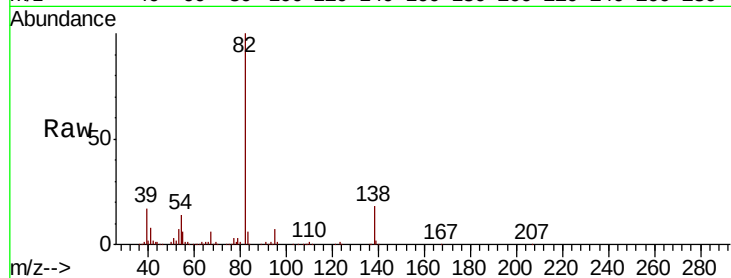




#25
Isophorone
Concen: 44.190 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

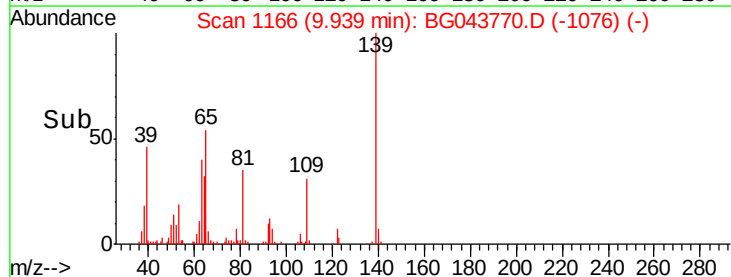
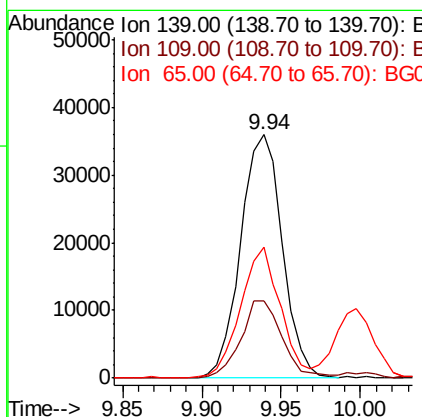
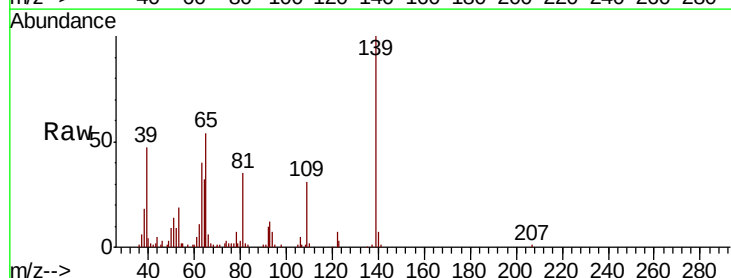
Instrument :
BNA_G
ClientSampleId :
PB125036BS

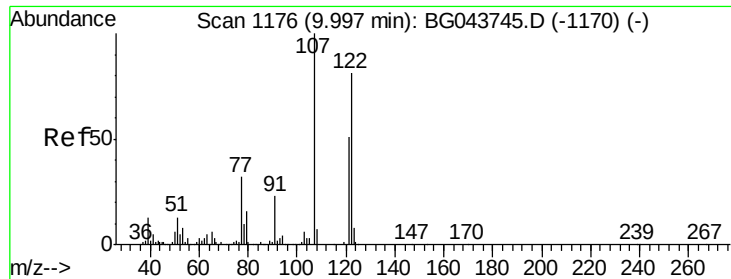
Tot Ion	82	Resp	364047
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.9	8.9
138	18.3	13.3	19.9



#26
2-Nitrophenol
Concen: 46.066 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	139	Resp	65636
Ion Ratio	Lower	Upper	
139	100		
109	31.5	24.1	36.1
65	53.6	41.1	61.7

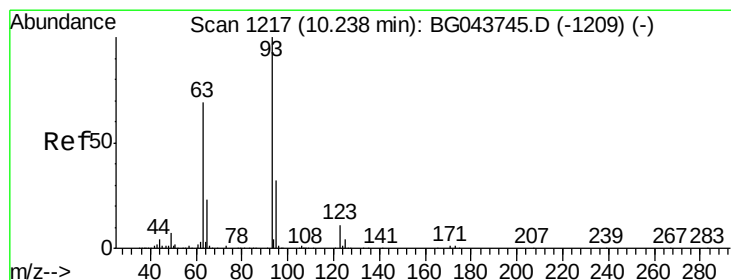
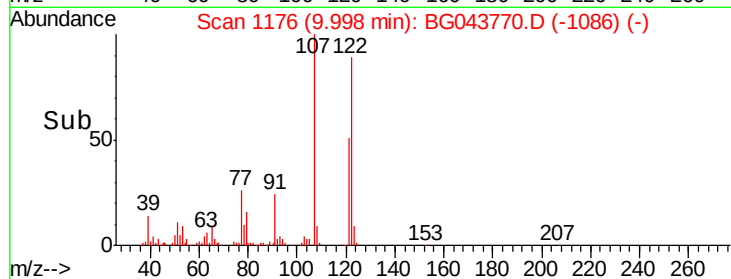
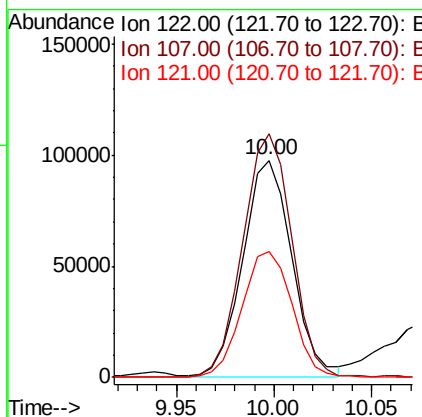
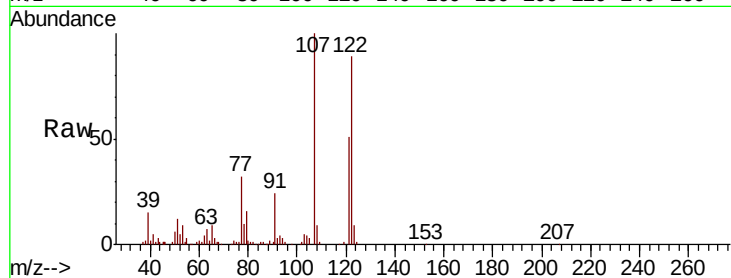




#27
 2,4-Dimethylphenol
 Concen: 60.776 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

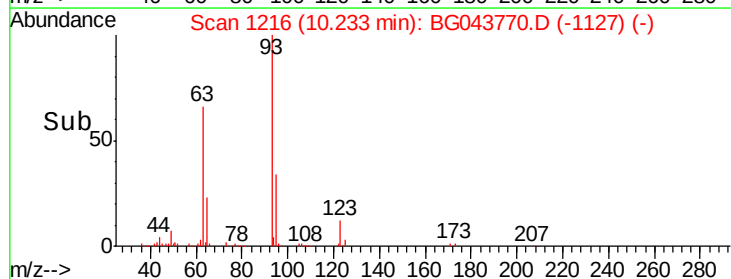
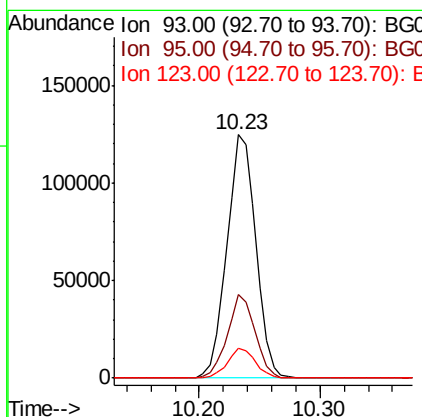
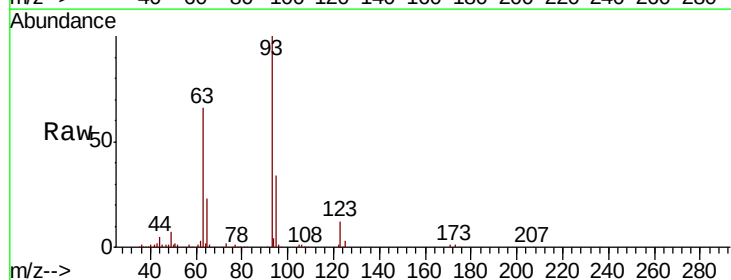
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

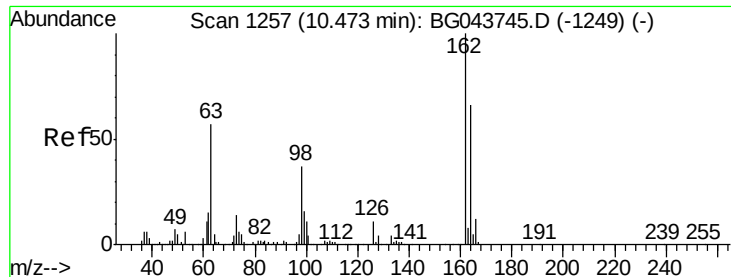
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	98.5	147.7
121	57.7	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.846 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.0	39.0
123	12.3	8.7	13.1

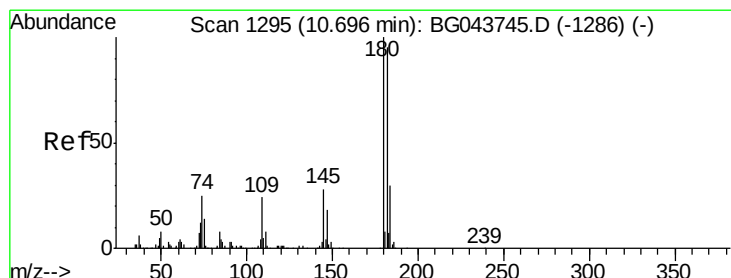
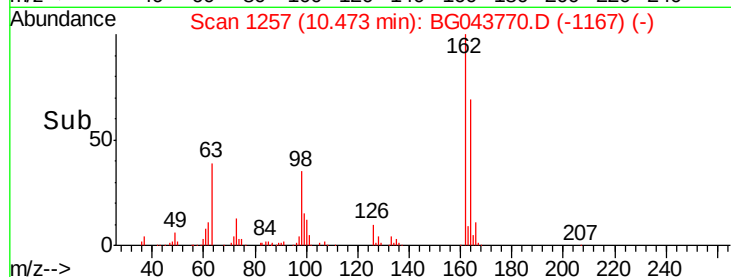
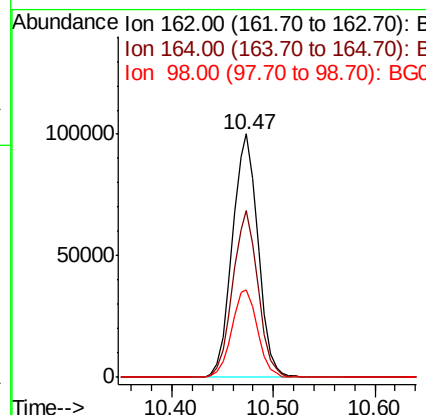
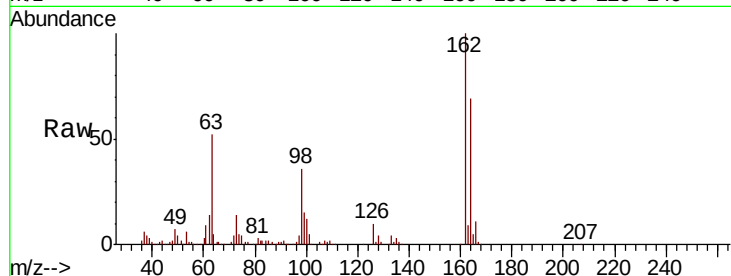




#29
 2,4-Dichlorophenol
 Concen: 51.755 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

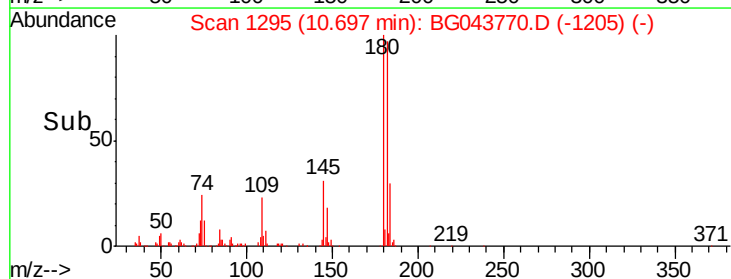
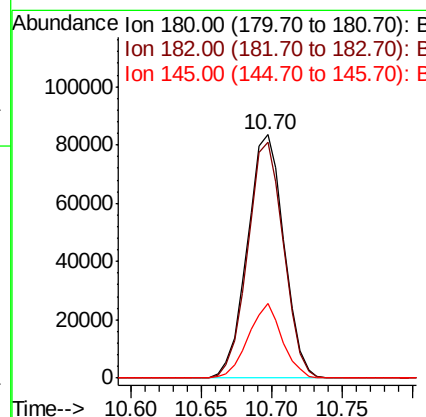
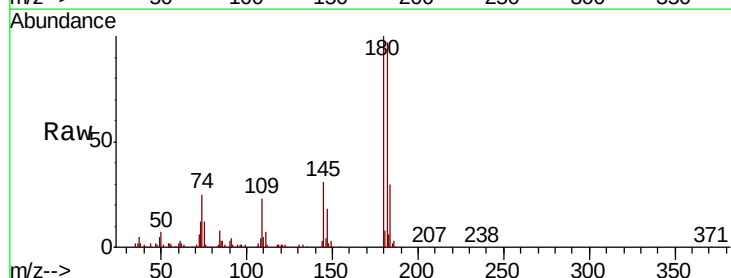
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

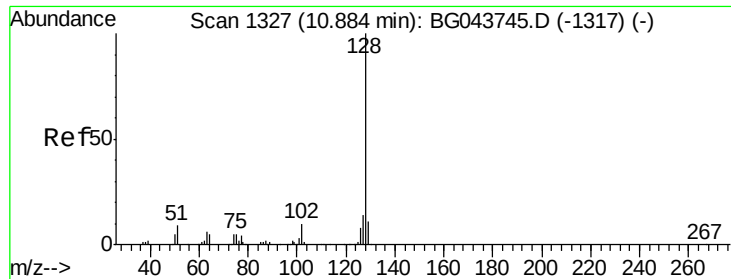
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.7	46.4	86.4
98	35.8	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.013 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	30.8	22.5	33.7

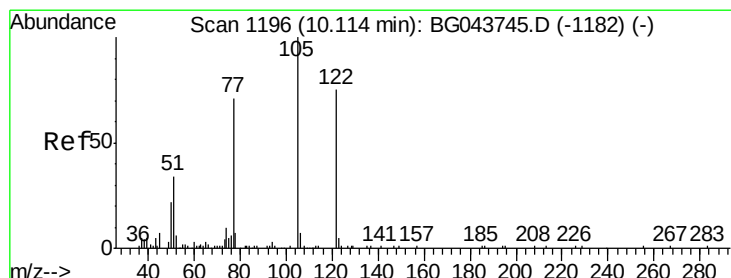
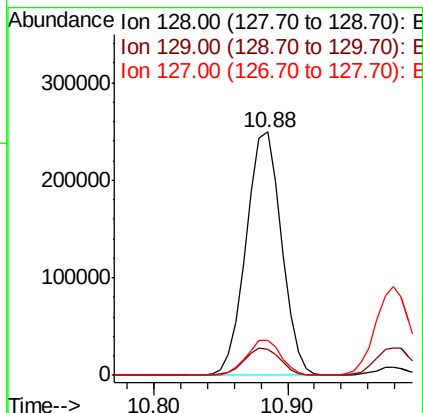
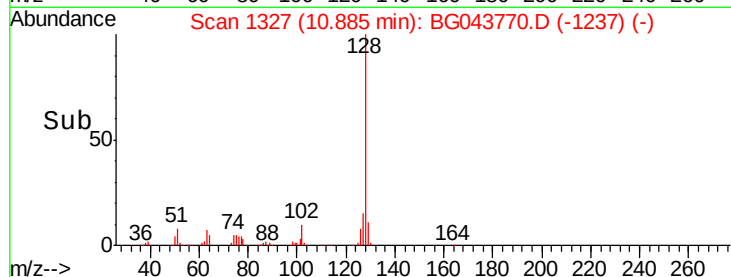
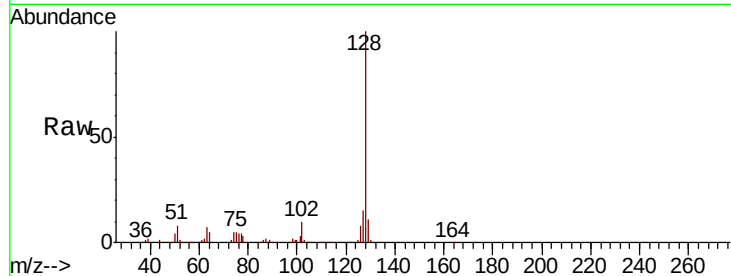




#31
Naphthalene
Concen: 43.498 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

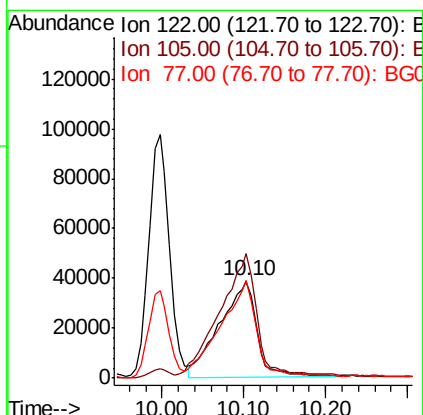
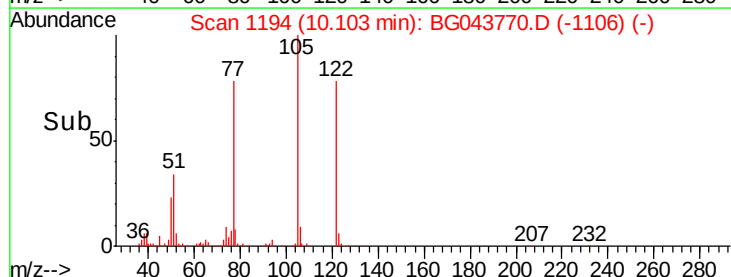
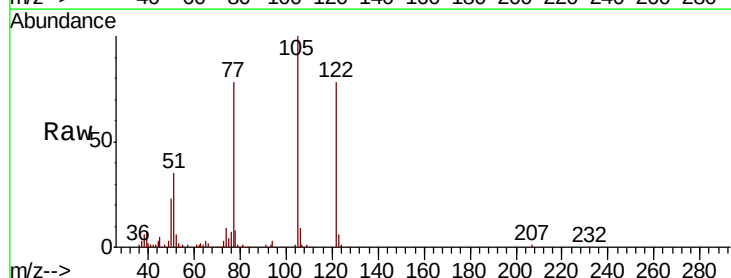
Instrument :
BNA_G
ClientSampleId :
PB125036BS

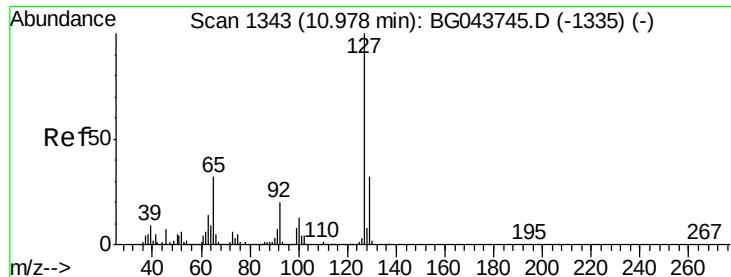
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	14.5	11.4	17.0



#32
Benzoic acid
Concen: 60.028 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.0	109.3	149.3
77	100.9	76.1	116.1

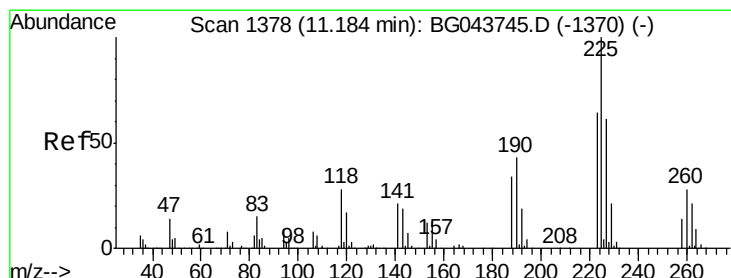
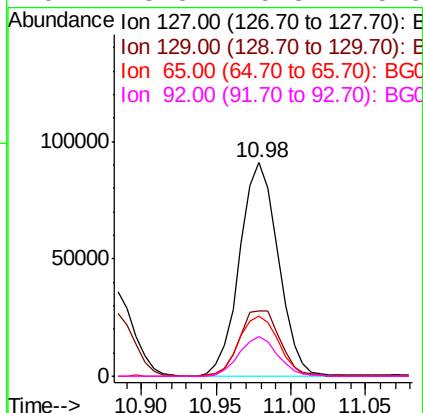
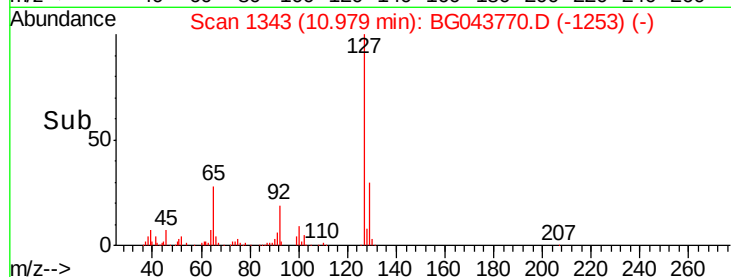
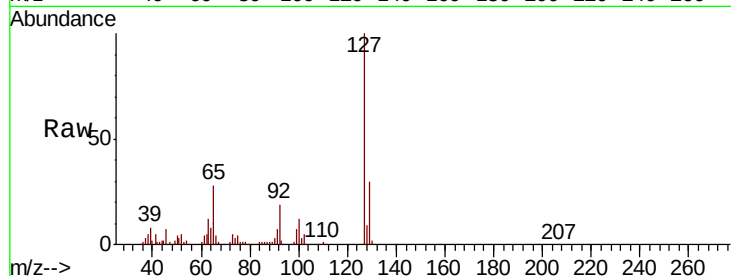




#33
4-Chloroaniline
Concen: 32.462 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

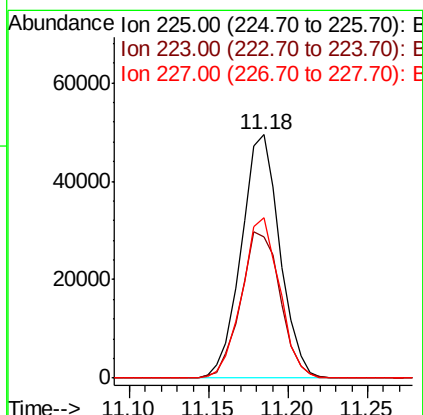
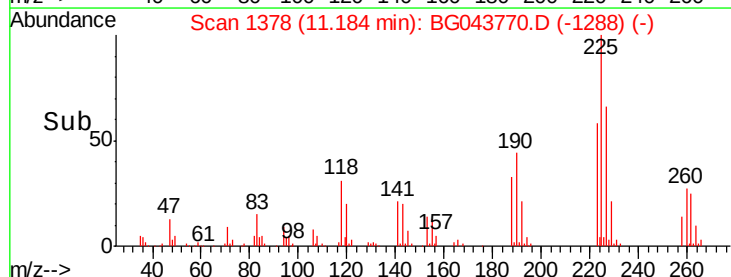
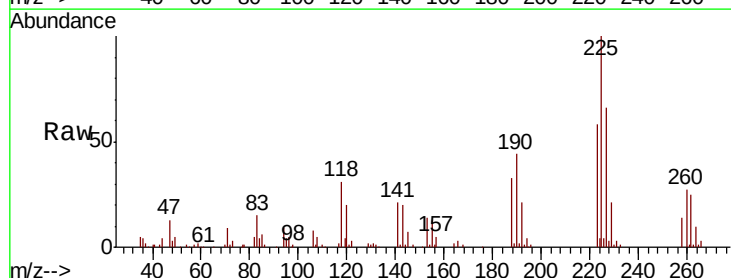
Instrument :
BNA_G
ClientSampleId :
PB125036BS

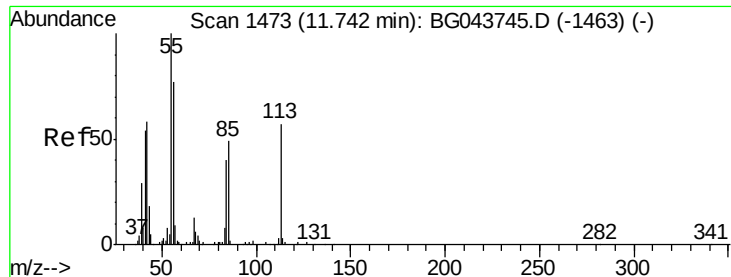
Tot Ion:	127	Resp:	163890
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	28.1	25.8	38.8
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 31.729 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:	225	Resp:	83156
Ion	Ratio	Lower	Upper
225	100		
223	57.9	51.2	76.8
227	65.7	51.0	76.4

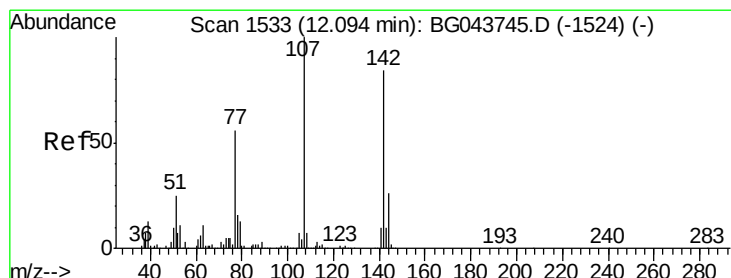
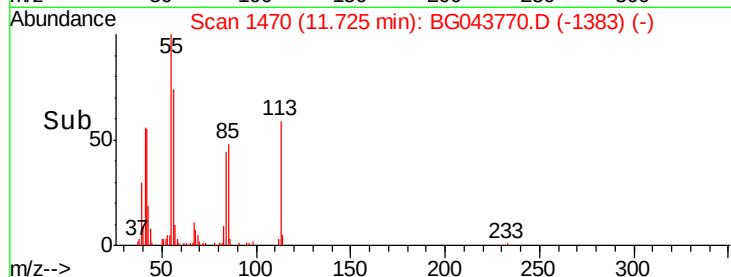
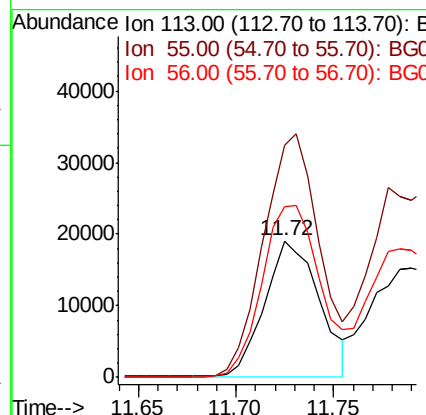
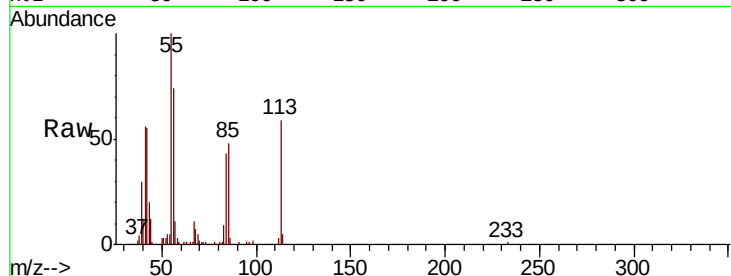




#35
 Caprolactam
 Concen: 26.884 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

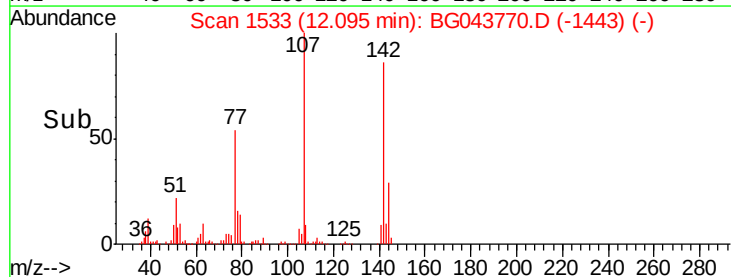
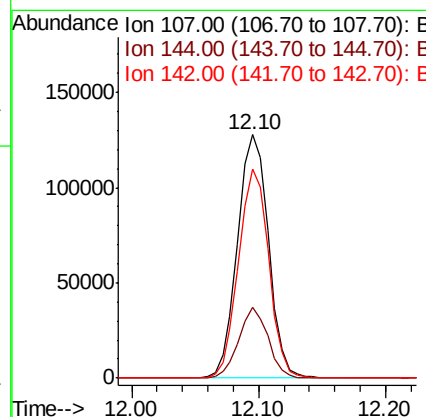
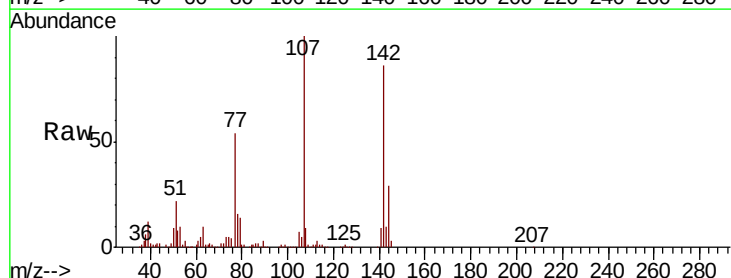
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

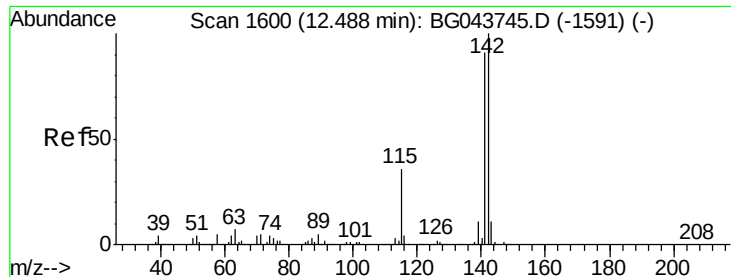
Tot Ion:113 Resp: 37180
 Ion Ratio Lower Upper
 113 100
 55 170.2 160.9 200.9
 56 125.5 116.8 156.8



#36
 4-Chloro-3-methylphenol
 Concen: 56.599 ng
 RT: 12.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion:107 Resp: 216336
 Ion Ratio Lower Upper
 107 100
 144 28.8 21.0 31.4
 142 86.1 67.0 100.4

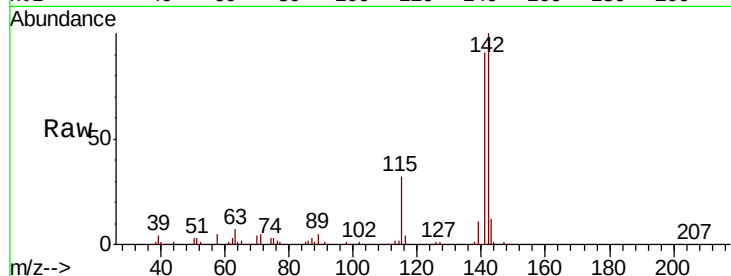




#37
2-Methylnaphthalene
Concen: 49.342 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.8	109.2
115	32.3	28.9	43.3

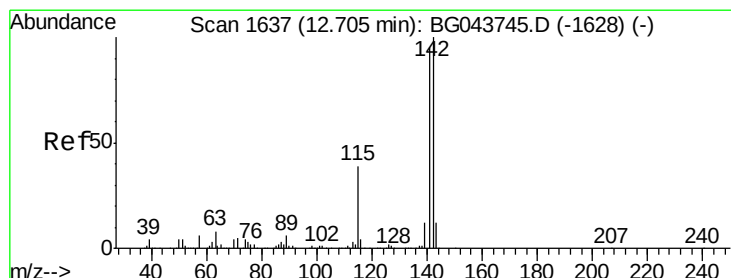
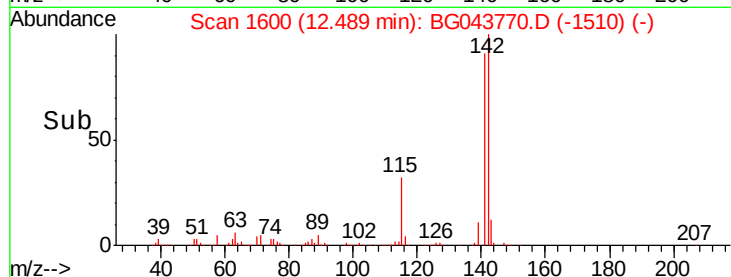
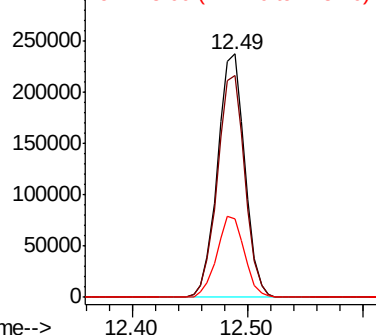


Abundance

Ion 142.00 (141.70 to 142.70): E

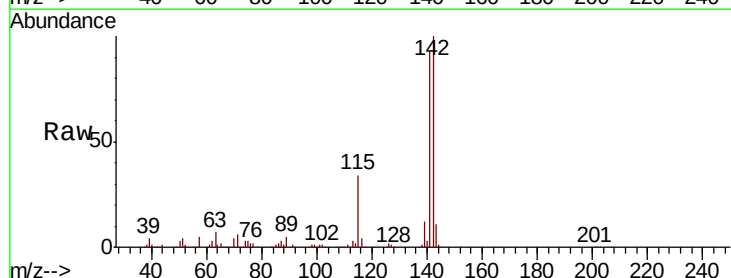
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.800 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
116	4.2	3.4	5.0

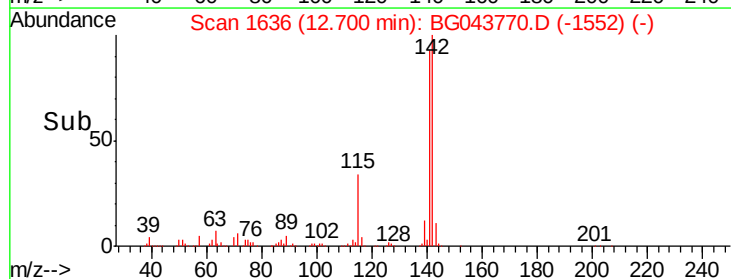
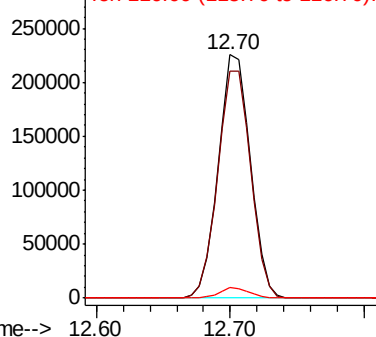


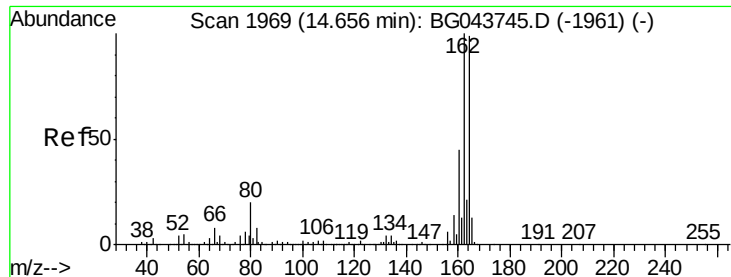
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

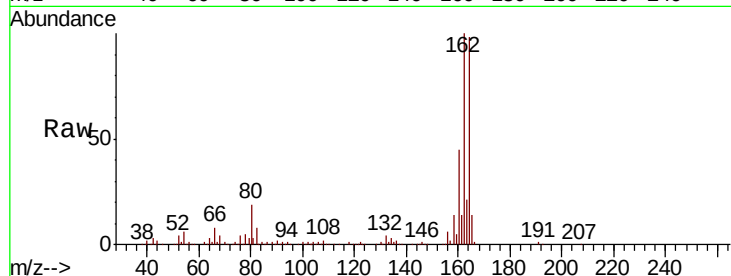
Tot Ion:164 Resp: 196375

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 46.3 36.3 54.5

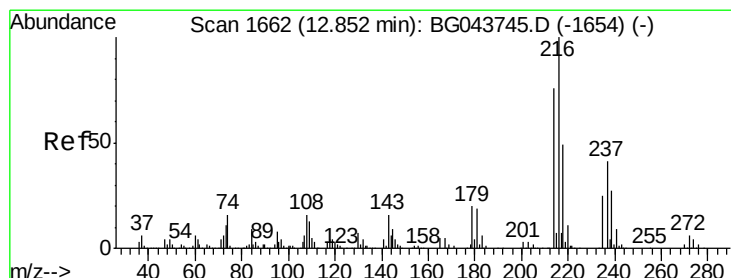
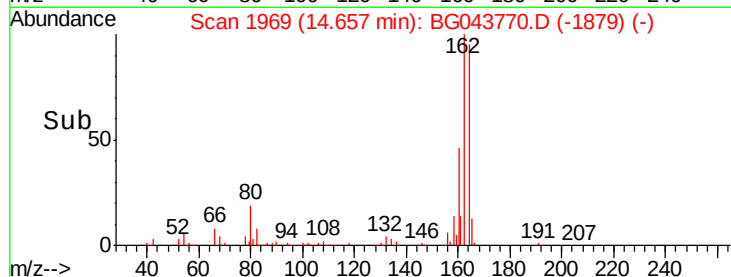
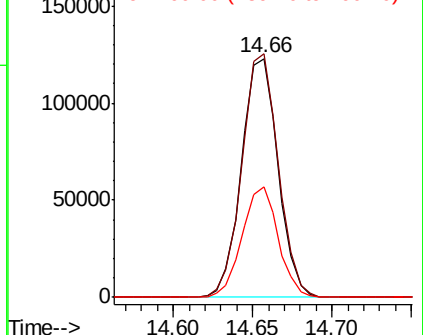


Abundance

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: 32.490 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion:216 Resp: 203015

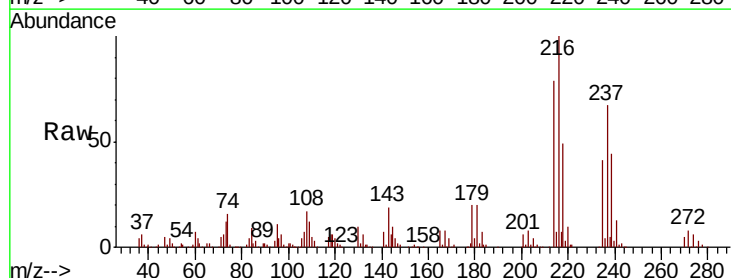
Ion Ratio Lower Upper

216 100

214 78.6 62.0 93.0

179 20.9 16.3 24.5

108 18.2 13.0 19.6



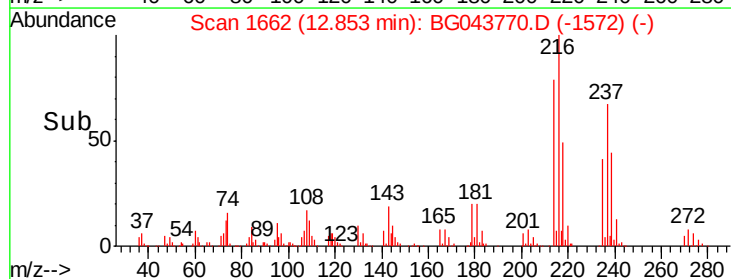
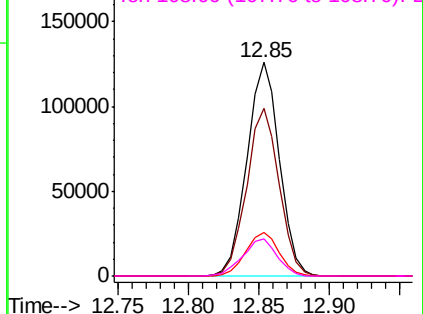
Abundance

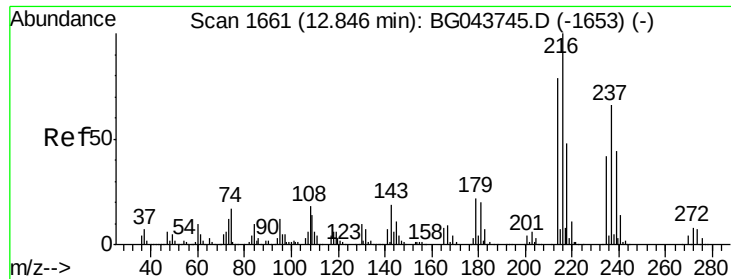
Ion 216.00 (215.70 to 216.70): E

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

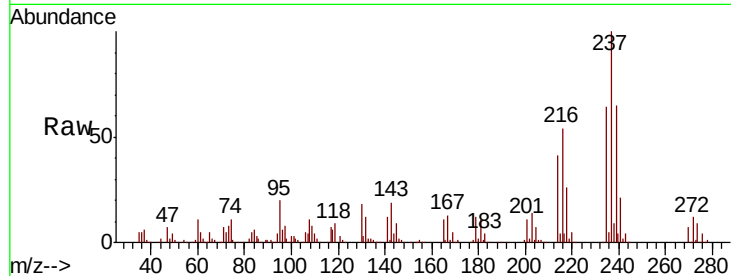




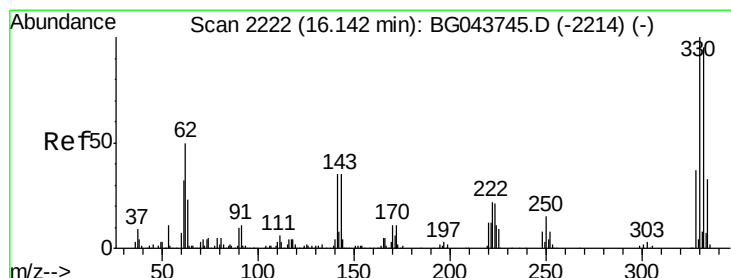
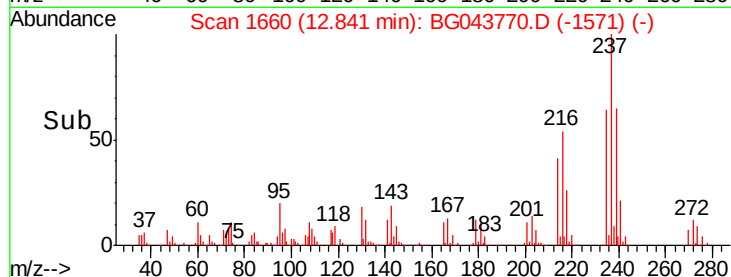
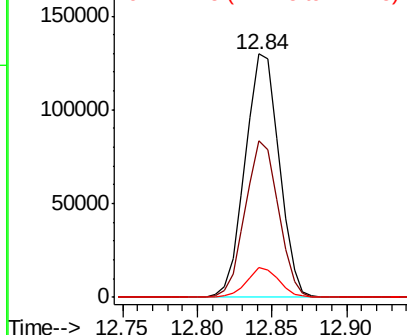
#41
Hexachlorocyclopentadiene
Concen: 60.561 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:237 Resp: 204454
Ion Ratio Lower Upper
237 100
235 64.1 43.8 83.8
272 12.0 0.0 31.8

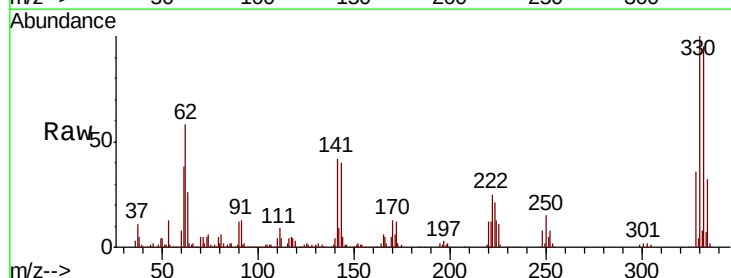


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

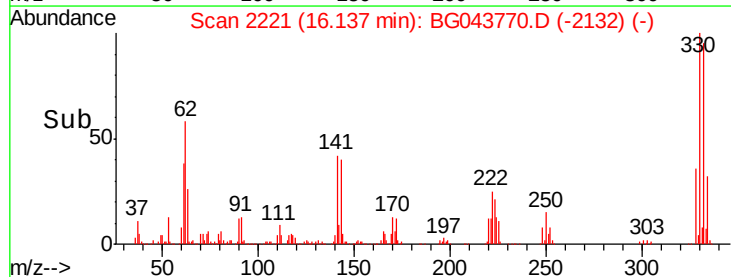
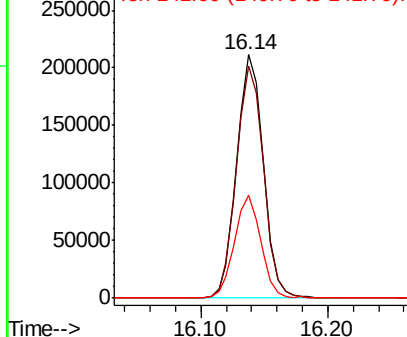


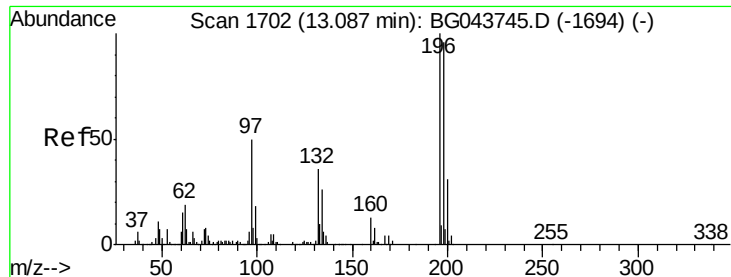
#42
2,4,6-Tribromophenol
Concen: 129.765 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:330 Resp: 307359
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 41.8 31.4 47.2



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

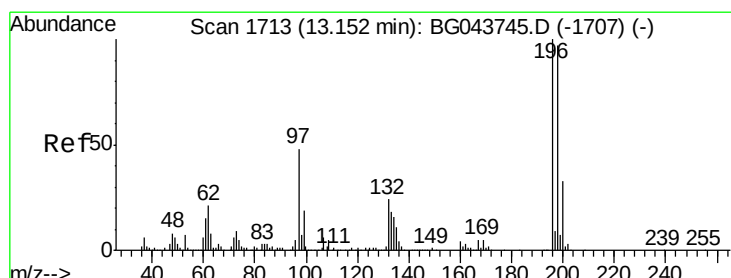
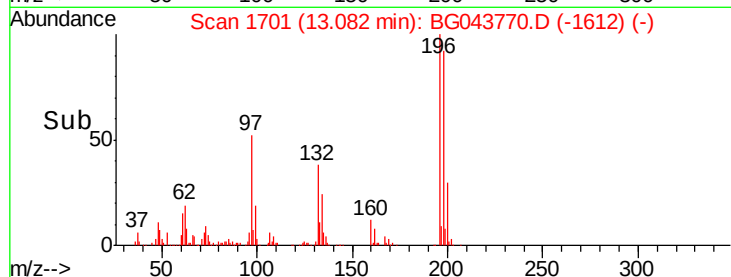
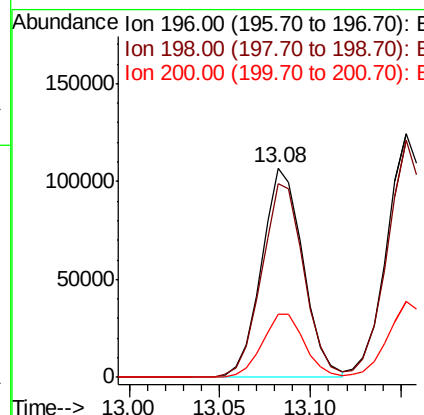
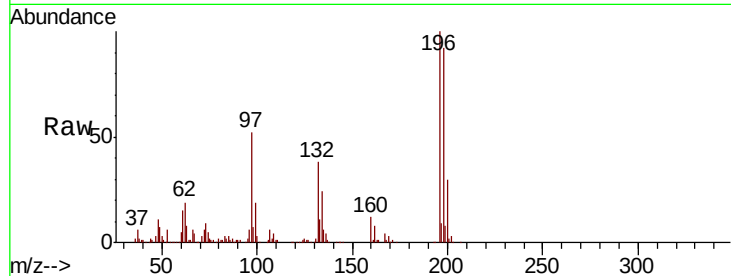




#43
 2,4,6-Trichlorophenol
 Concen: 42.238 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

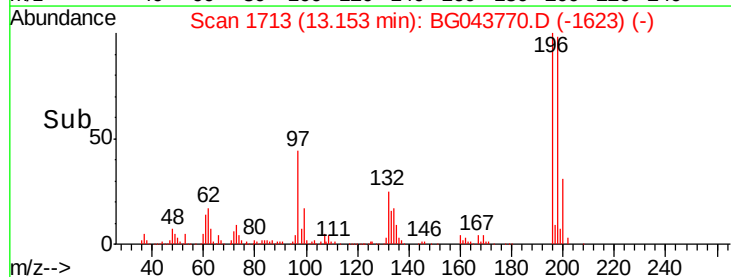
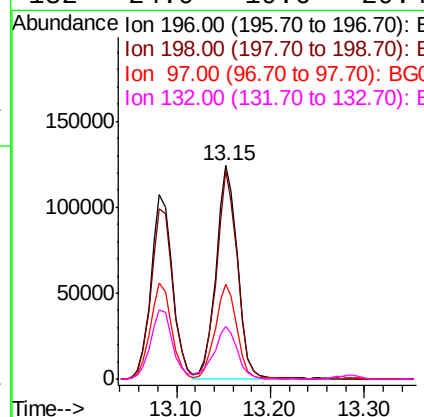
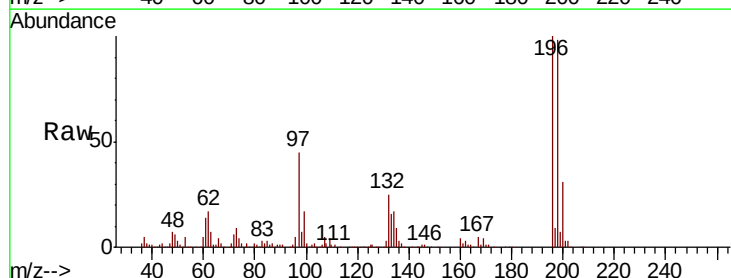
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

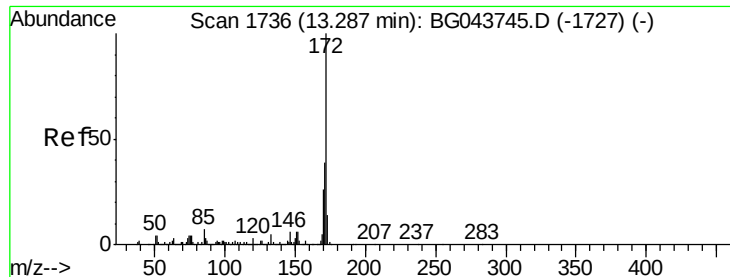
Tot Ion:196 Resp: 169743
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.5 114.7
 200 30.3 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.472 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion:196 Resp: 198472
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 97 44.5 39.1 58.7
 132 24.9 19.6 29.4

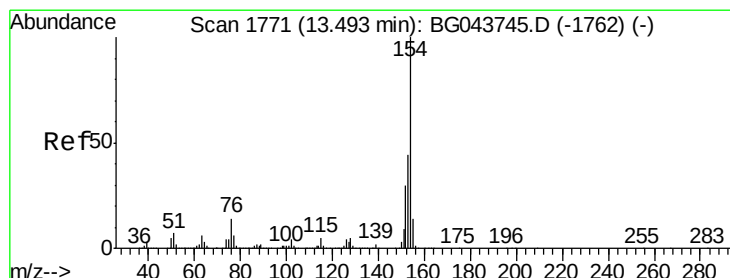
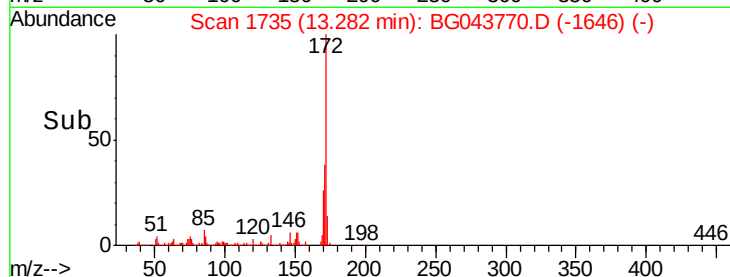
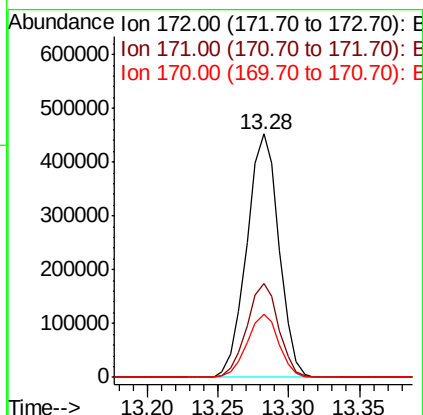
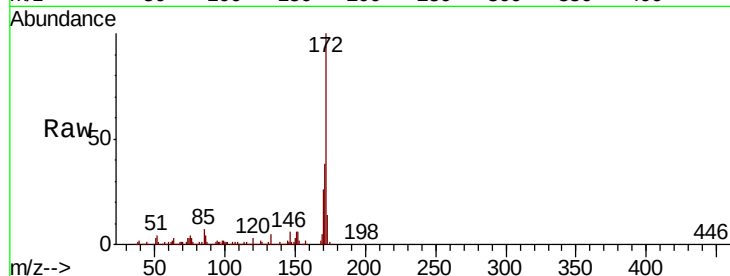




#45
2-Fluorobiphenyl
Concen: 60.332 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

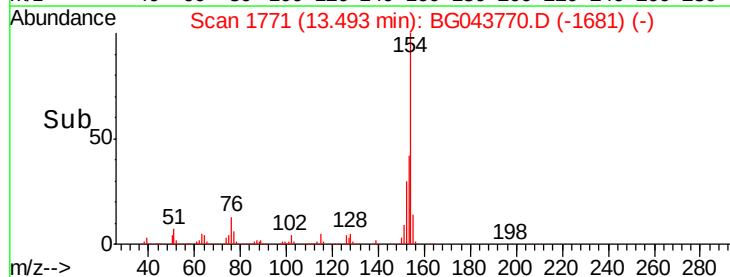
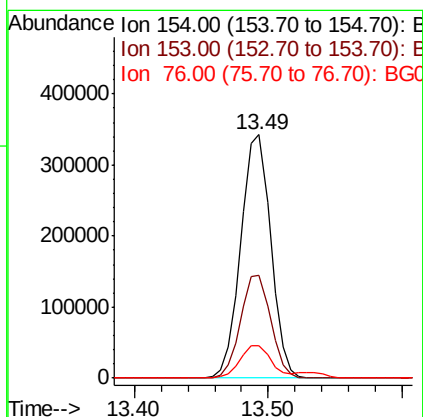
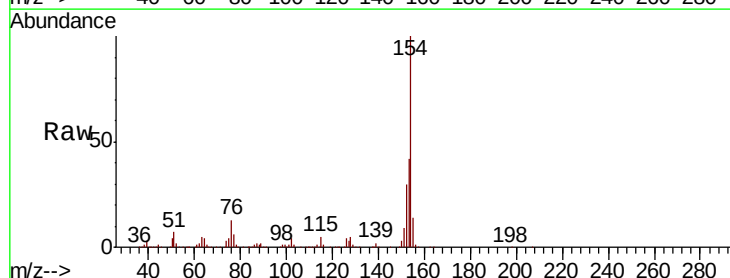
Instrument :
BNA_G
ClientSampleId :
PB125036BS

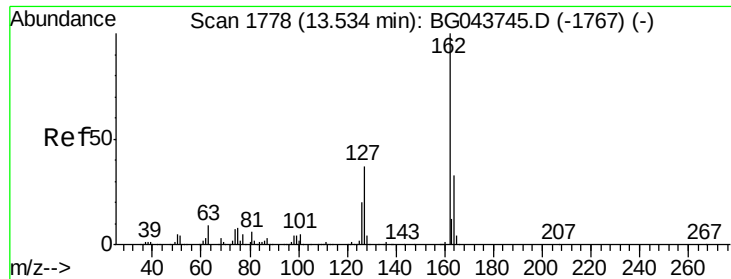
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.6
170	26.0	21.0	31.4



#46
1,1'-Biphenyl
Concen: 39.094 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.5	63.5
76	13.4	0.0	33.6





#47

2-Chloronaphthalene

Concen: 38.469 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

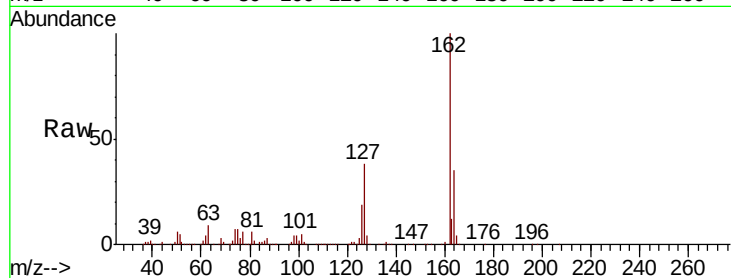
Tot Ion:162 Resp: 427029

Ion Ratio Lower Upper

162 100

127 37.9 30.0 45.0

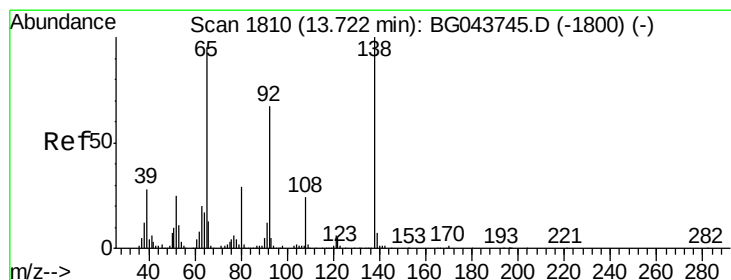
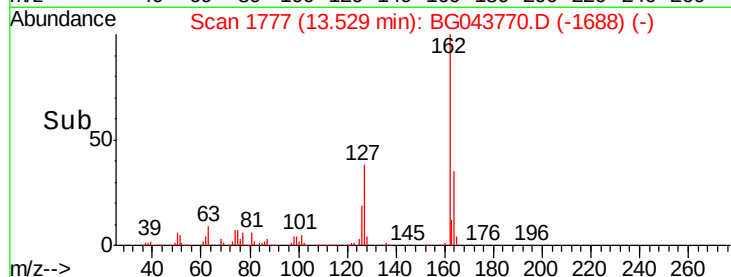
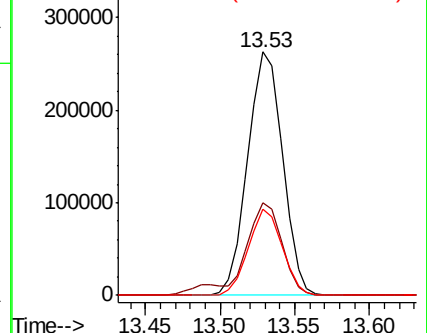
164 35.2 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.402 ng

RT: 13.72 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

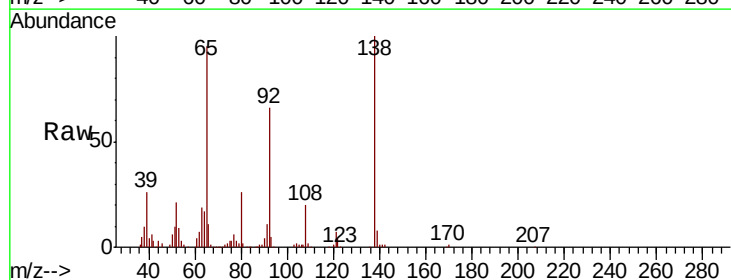
Tgt Ion: 65 Resp: 157299

Ion Ratio Lower Upper

65 100

92 69.9 56.1 84.1

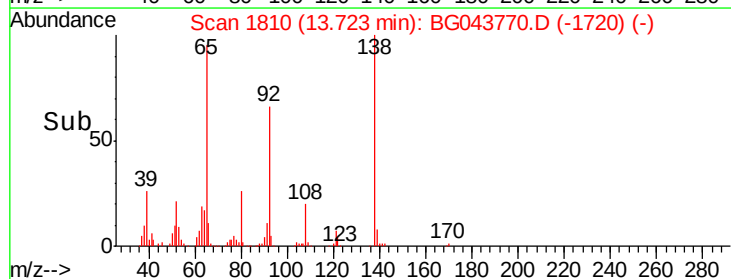
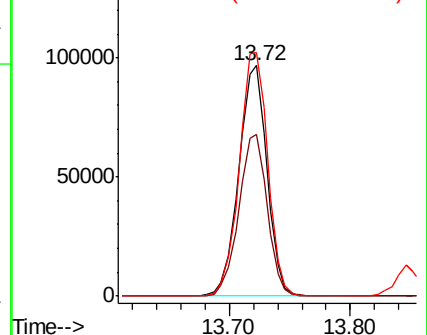
138 105.6 84.2 126.4

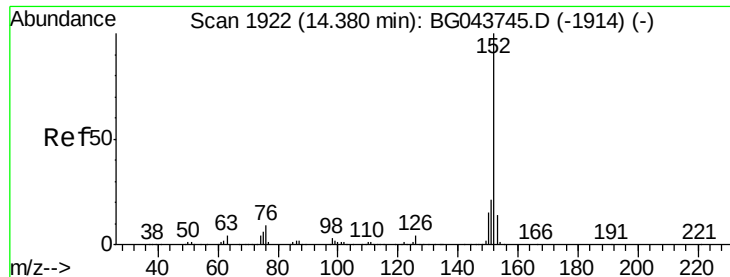


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.307 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:152 Resp: 756343

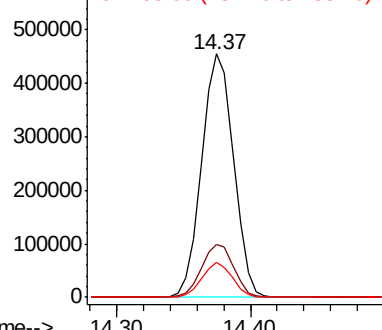
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6
153	14.3	10.8	16.2

Abundance

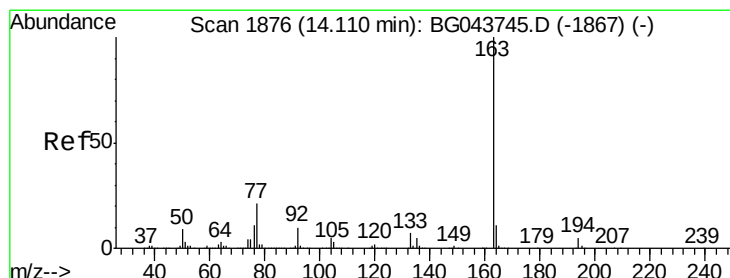
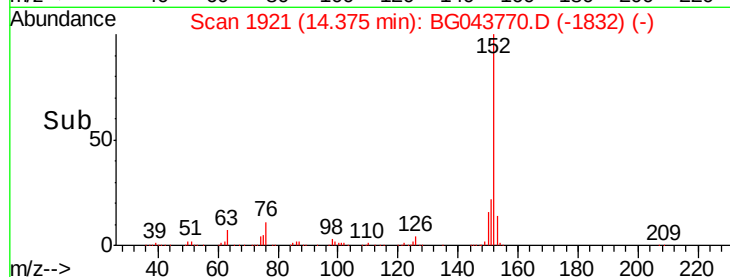
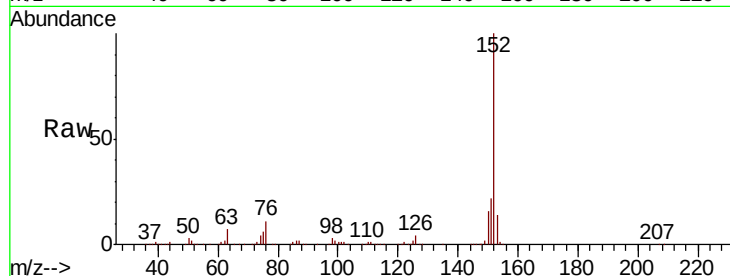
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 42.350 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion:163 Resp: 658803

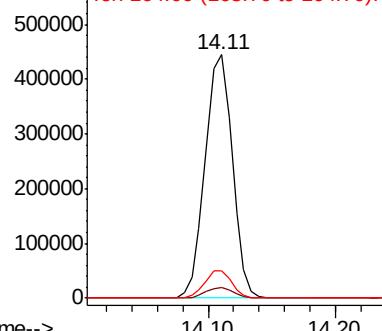
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.4	8.7	13.1

Abundance

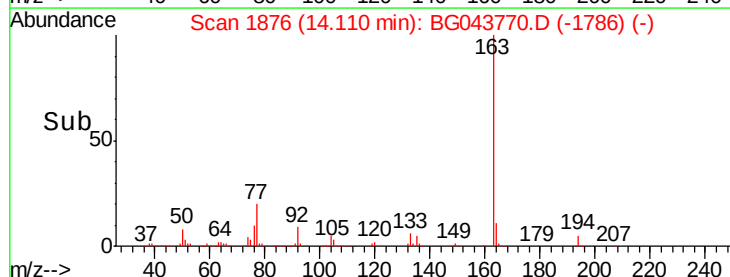
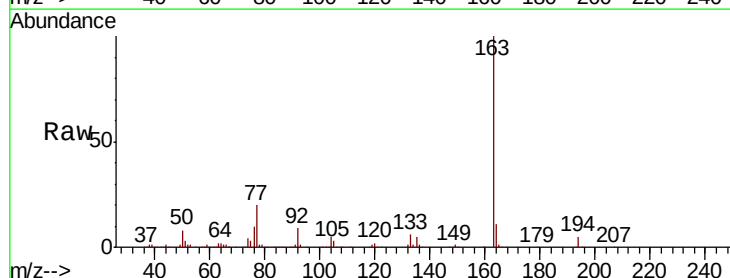
Ion 163.00 (162.70 to 163.70): E

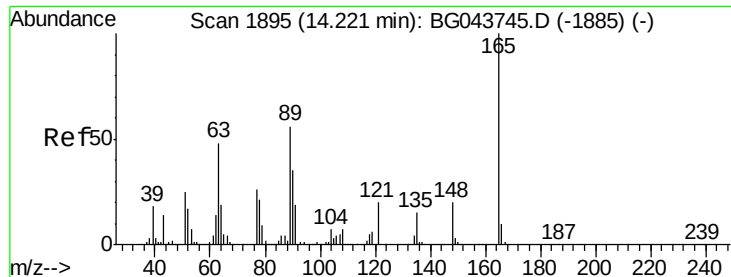
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 51.410 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

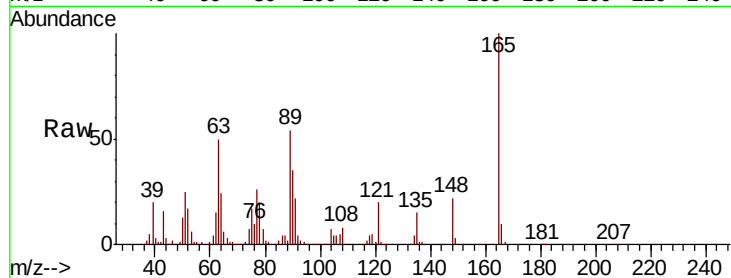
Tot Ion:165 Resp: 148516

Ion Ratio Lower Upper

165 100

63 49.7 43.4 65.2

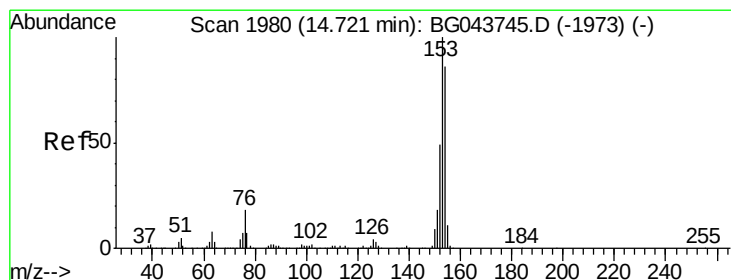
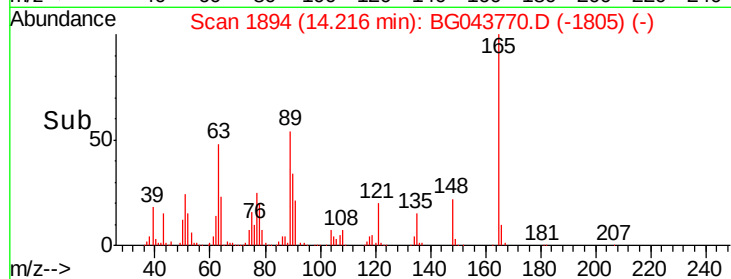
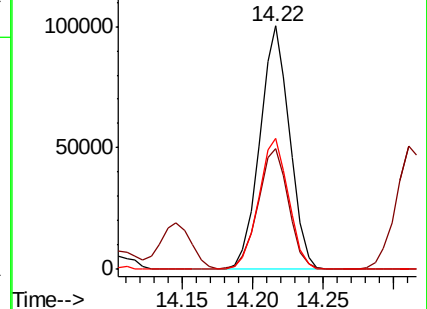
89 53.7 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.004 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

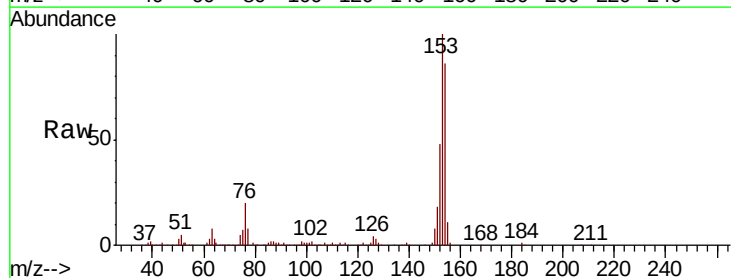
Tgt Ion:154 Resp: 502646

Ion Ratio Lower Upper

154 100

153 115.7 92.9 139.3

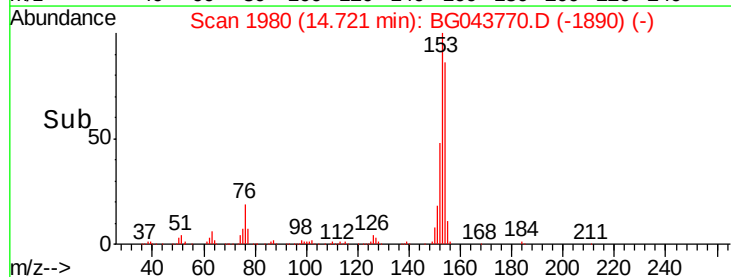
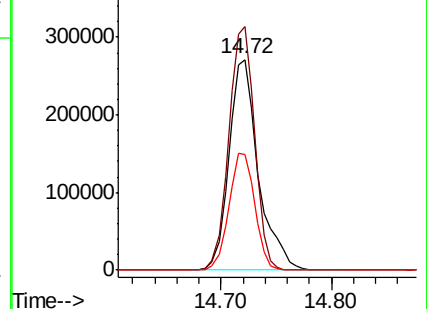
152 55.3 45.2 67.8

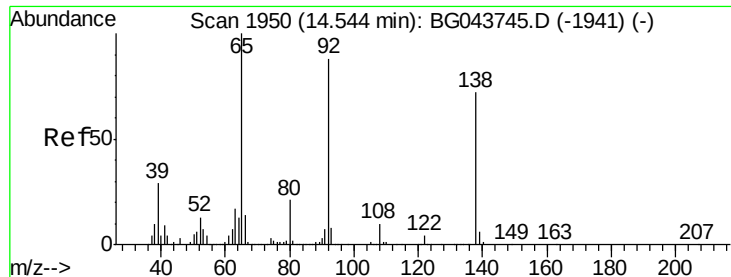


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

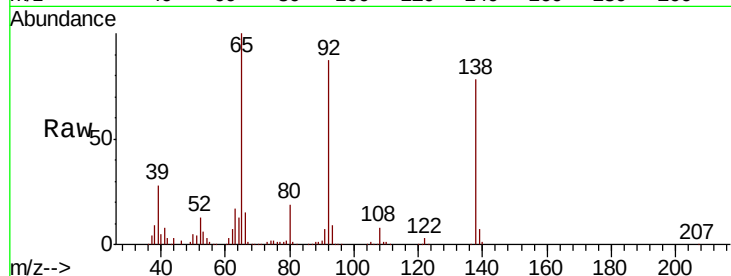




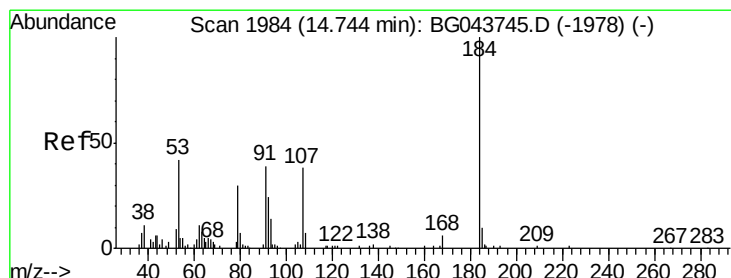
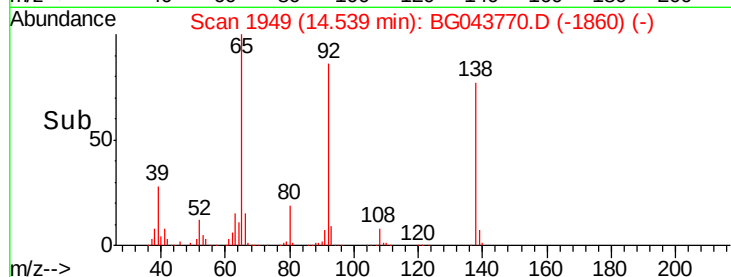
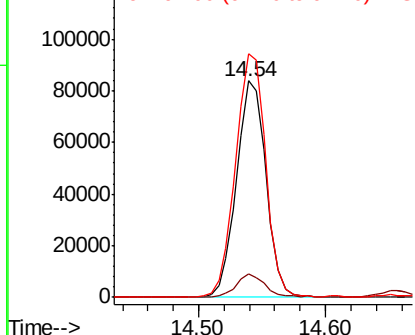
#53
3-Nitroaniline
Concen: 40.112 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:138 Resp: 135350
Ion Ratio Lower Upper
138 100
108 10.8 11.7 17.5#
92 112.5 97.2 145.8

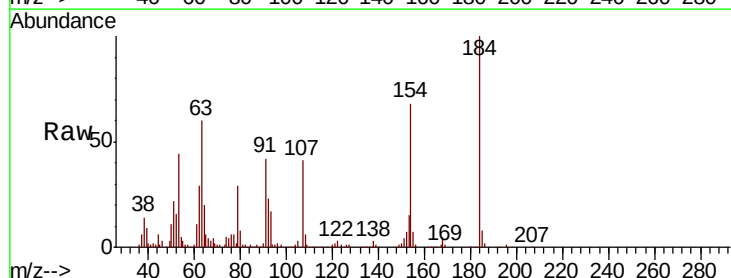


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

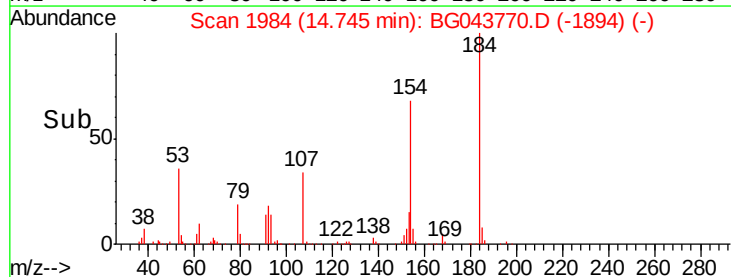
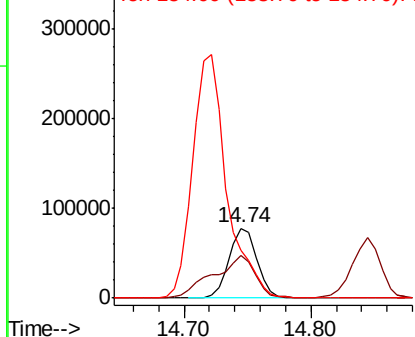


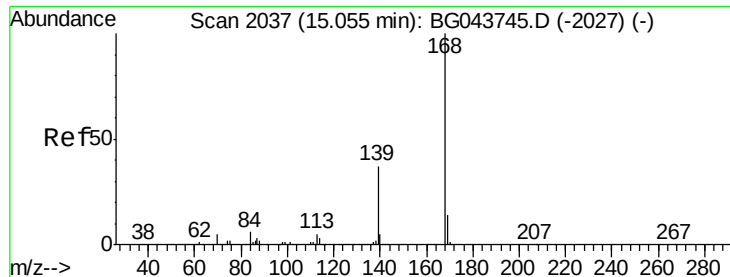
#54
2,4-Dinitrophenol
Concen: 100.754 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:184 Resp: 118919
Ion Ratio Lower Upper
184 100
63 60.4 52.4 78.6
154 67.9 92.8 139.2#



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

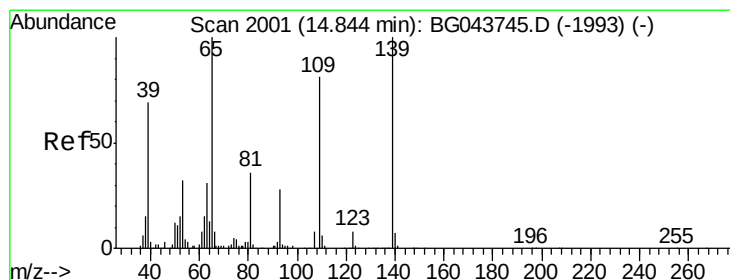
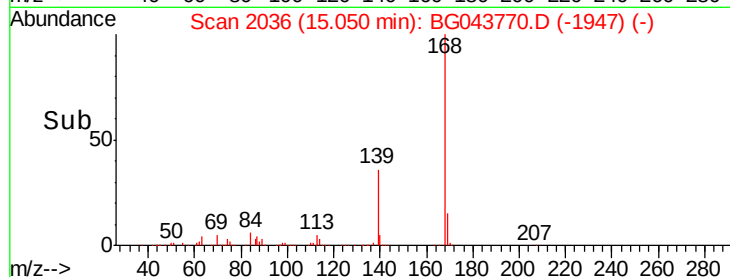
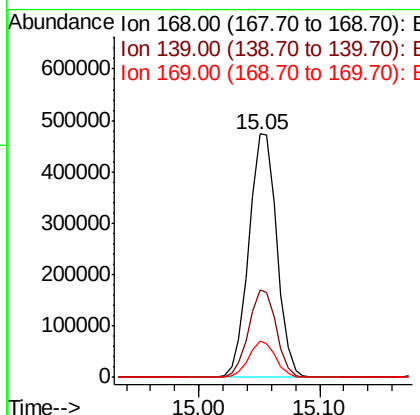
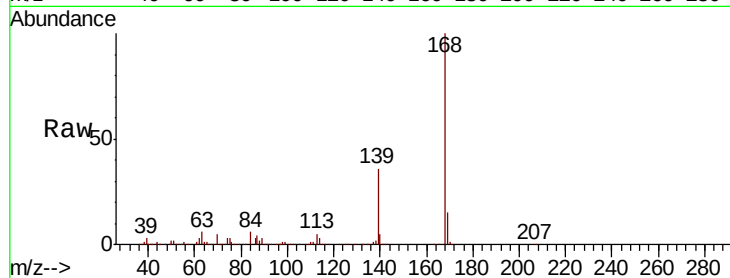




#55
Dibenzenofuran
Concen: 43.787 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

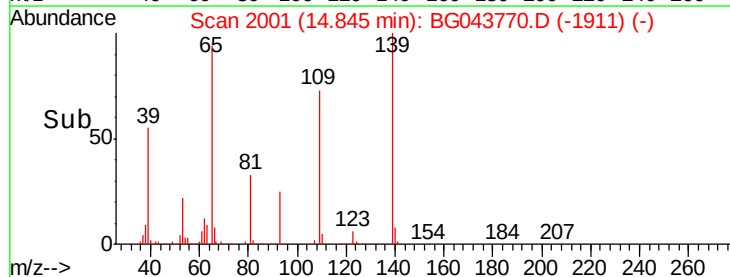
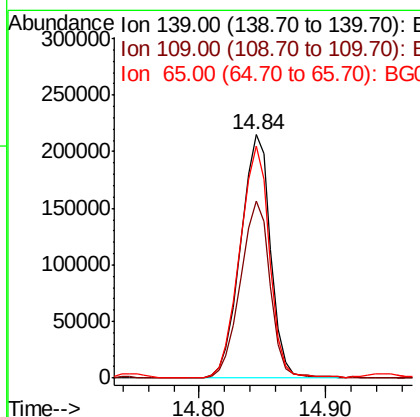
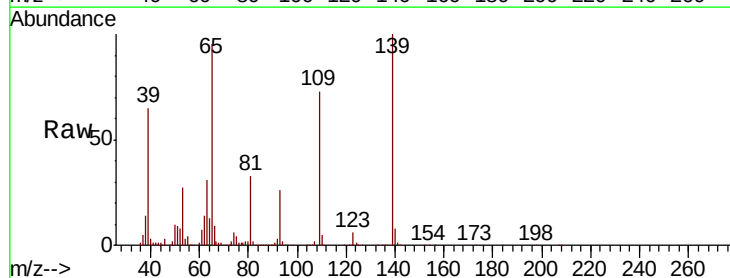
Instrument :
BNA_G
ClientSampleId :
PB125036BS

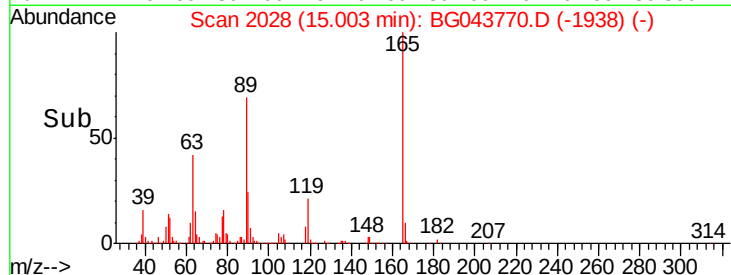
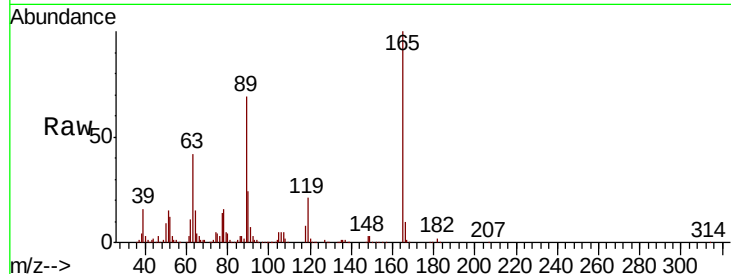
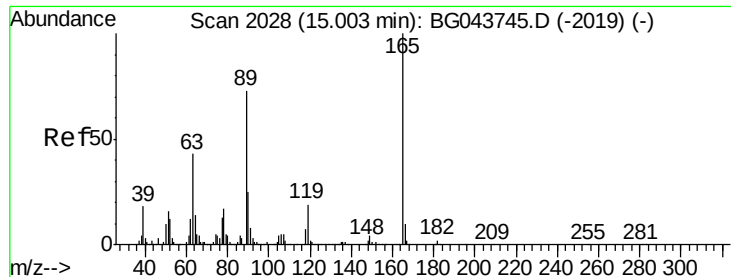
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.4	44.2
169	14.9	11.3	16.9



#56
4-Nitrophenol
Concen: 124.213 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	61.4	101.4
65	95.2	80.3	120.3

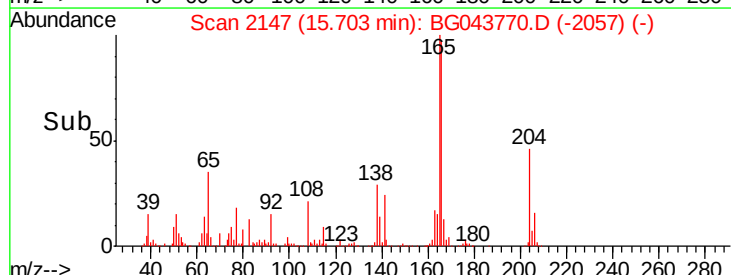
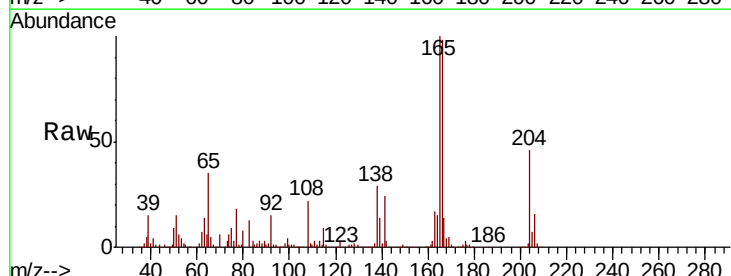
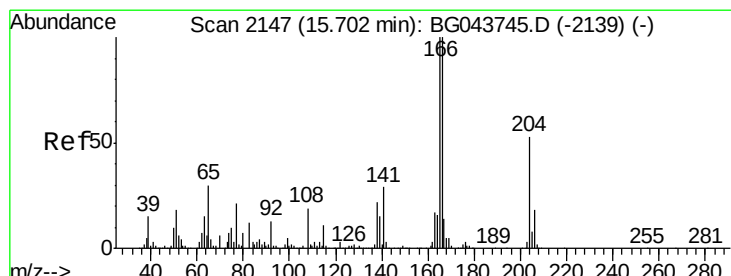
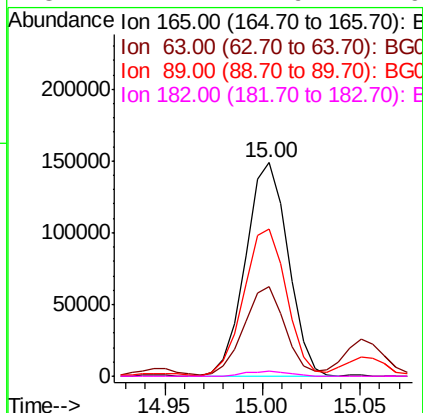




#57
2,4-Dinitrotoluene
Concen: 55.910 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

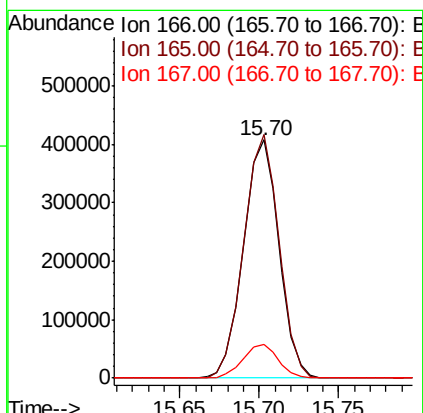
Instrument :
BNA_G
ClientSampleId :
PB125036BS

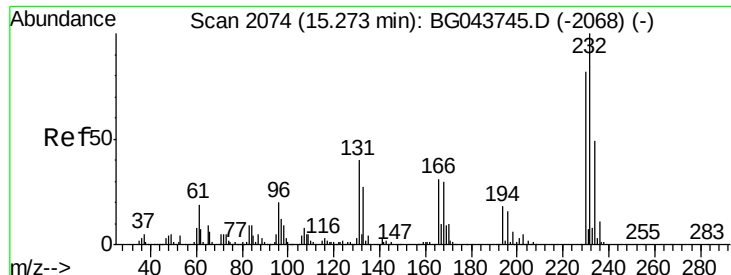
Tot Ion:	165	Resp:	223998
Ion	Ratio	Lower	Upper
165	100		
63	42.0	34.6	51.8
89	68.7	58.3	87.5
182	2.2	1.9	2.9



#58
Fluorene
Concen: 44.322 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:	166	Resp:	632430
Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.9	119.9
167	14.2	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.034 ng

RT: 15.27 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:232 Resp: 201701

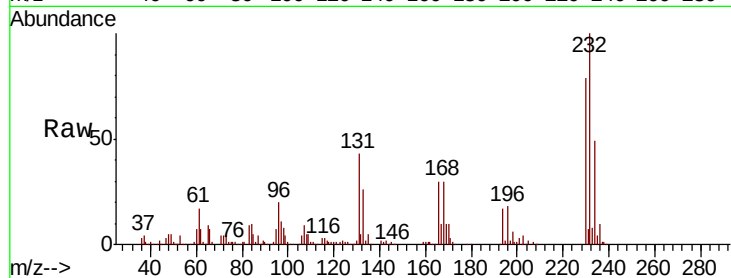
Ion Ratio Lower Upper

232 100

131 40.7 27.0 40.6#

130 2.1 1.6 2.4

166 29.4 18.2 27.2#

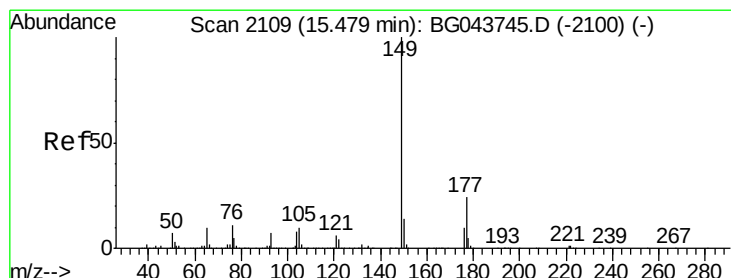
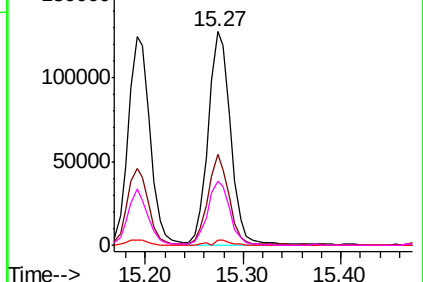
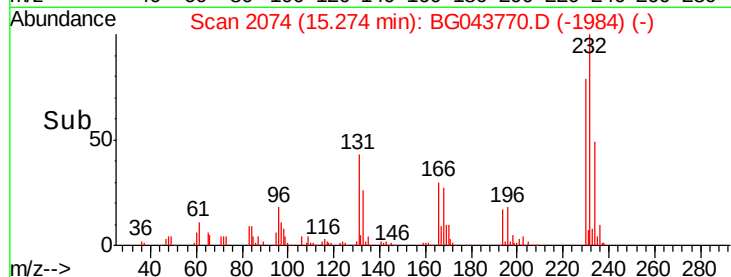


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.460 ng

RT: 15.48 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

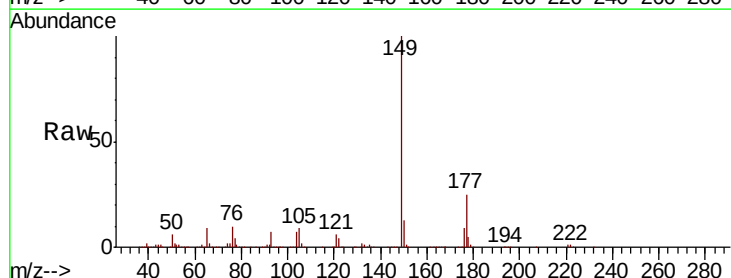
Tgt Ion:149 Resp: 707676

Ion Ratio Lower Upper

149 100

177 24.9 19.3 28.9

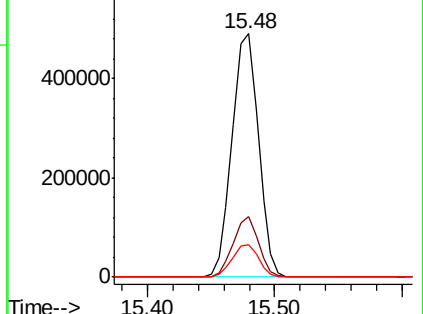
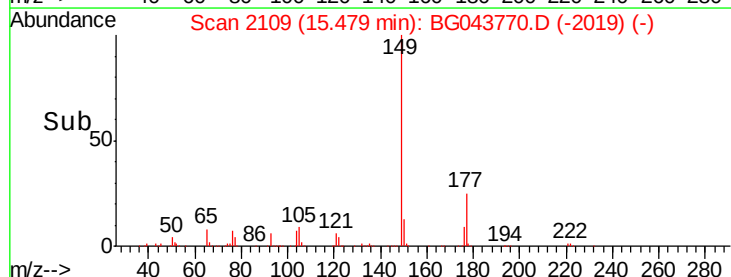
150 13.4 11.1 16.7

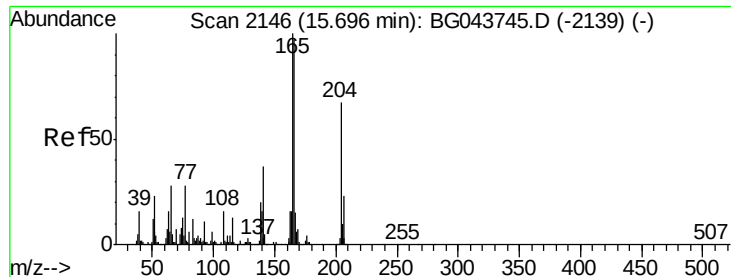


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

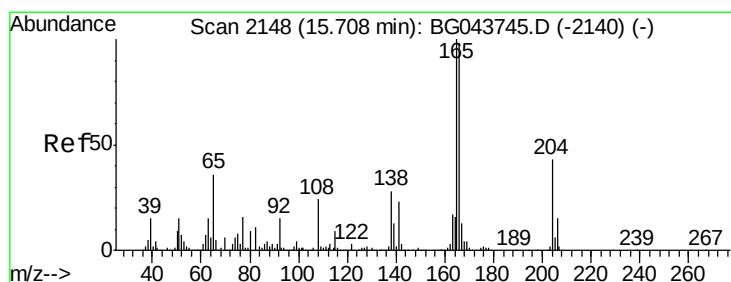
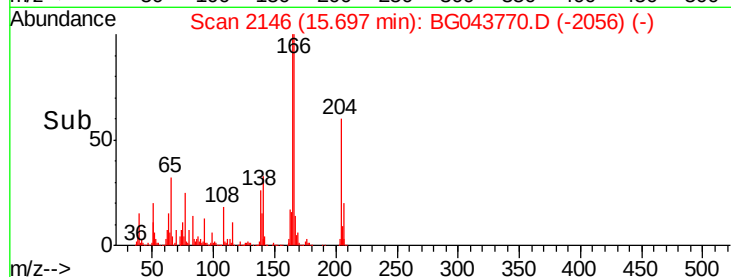
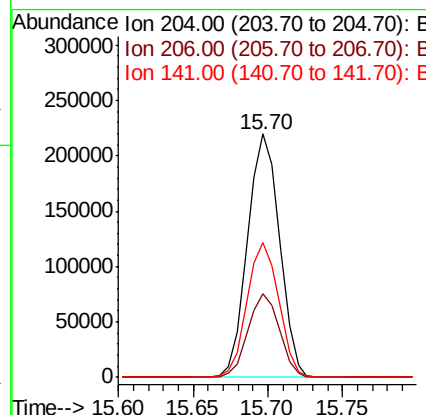
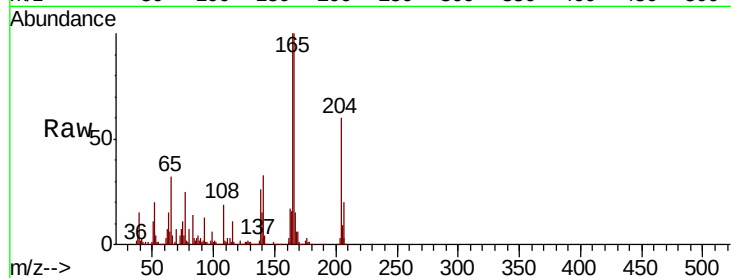




#61
4-Chlorophenyl-phenylether
Concen: 41.483 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

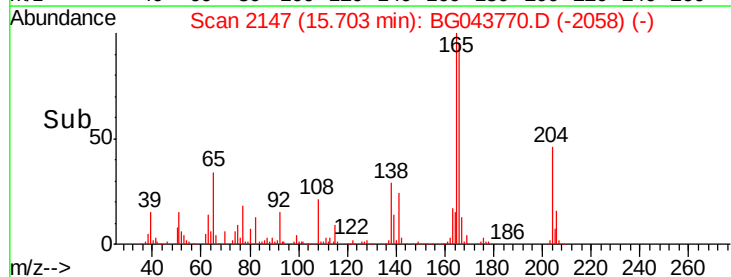
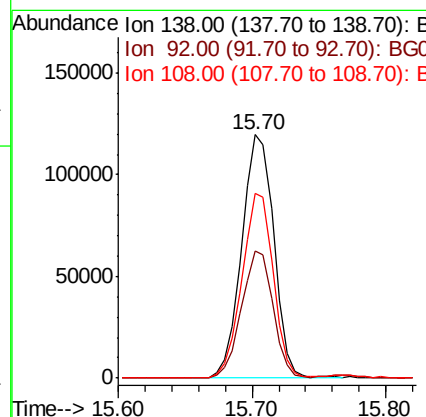
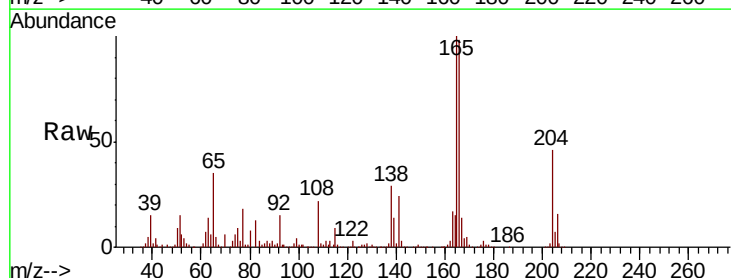
Instrument :
BNA_G
ClientSampleId :
PB125036BS

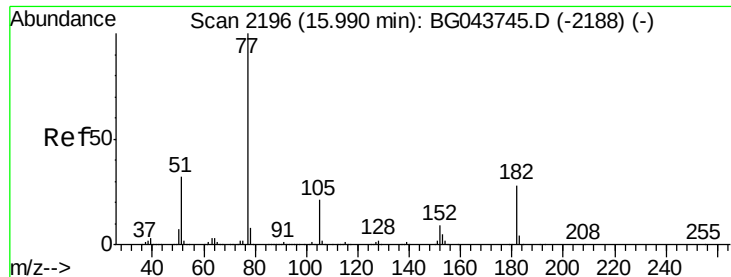
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.0
141	55.3	44.3	66.5



#62
4-Nitroaniline
Concen: 51.367 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	34.6	74.6
108	75.7	65.7	105.7





#63

Azobenzene

Concen: 44.467 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion: 77 Resp: 651063

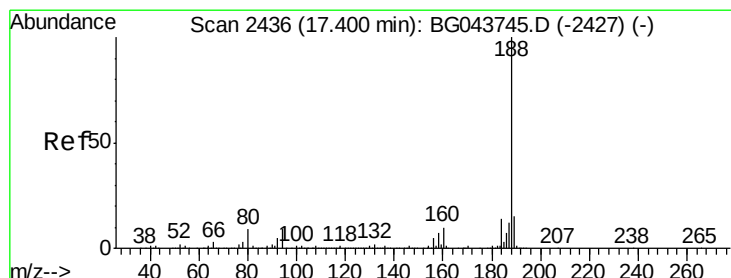
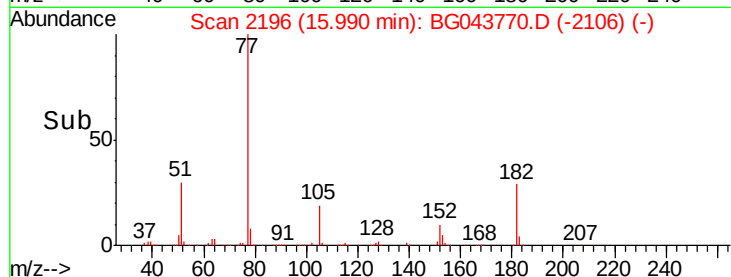
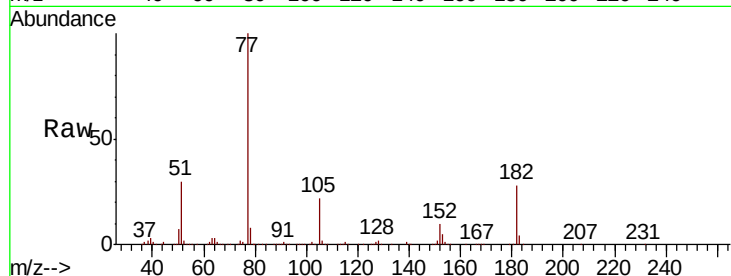
Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.6	47.6
105	21.6	0.7	40.7
51	29.9	12.1	52.1

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: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

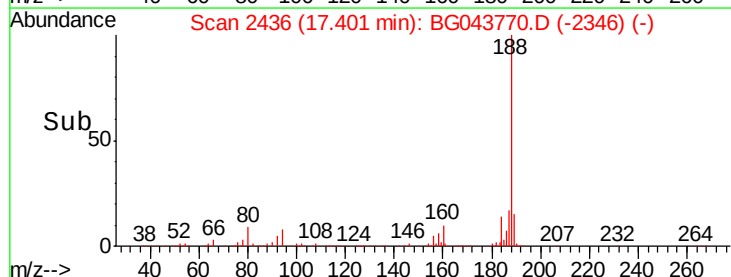
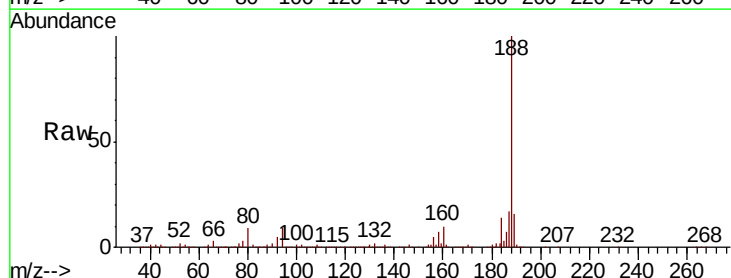
Tgt Ion: 188 Resp: 574260

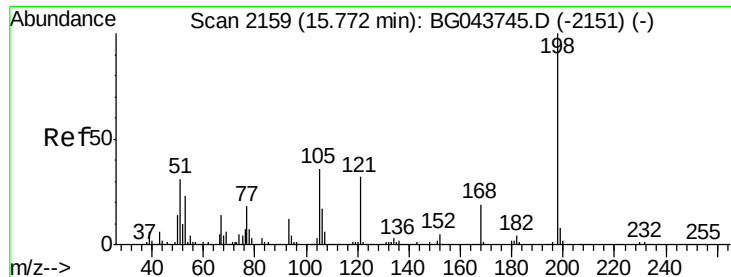
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	9.0	7.5	11.3

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: 44.967 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

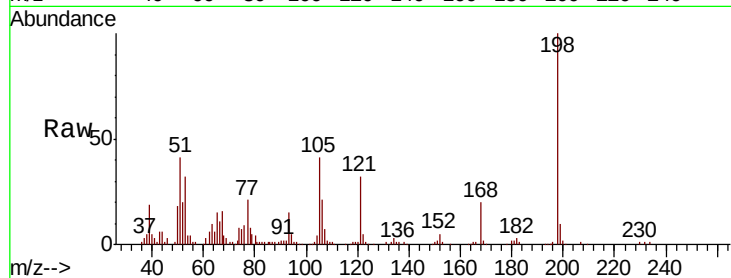
Tot Ion:198 Resp: 92997

Ion	Ratio	Lower	Upper
198	100		
51	40.6	16.8	56.8
105	41.2	17.3	57.3

198 100

51 40.6 16.8 56.8

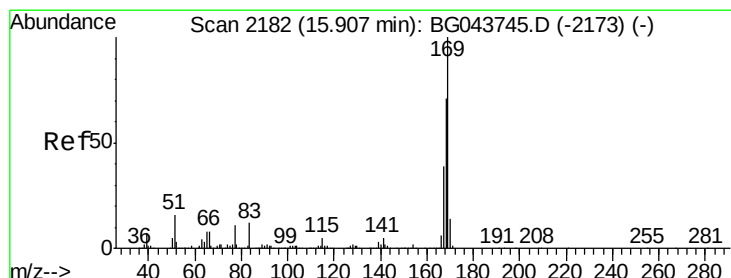
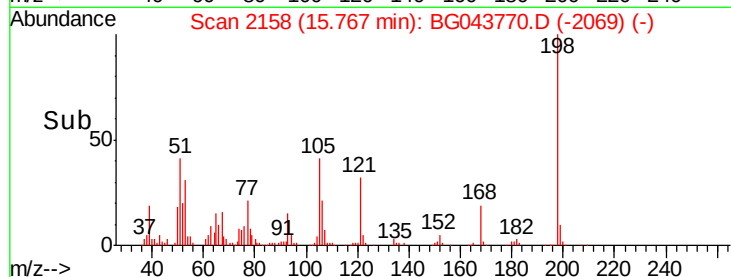
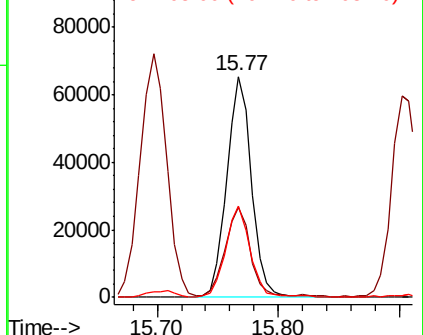
105 41.2 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.597 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

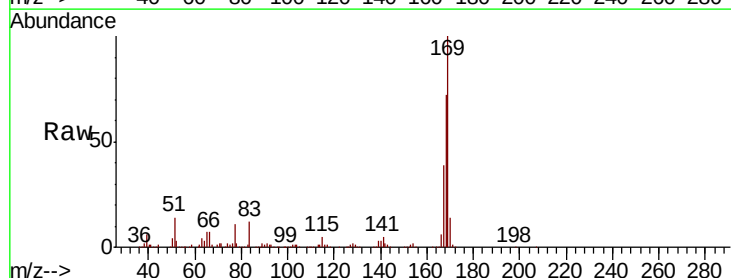
Tgt Ion:169 Resp: 632455

Ion	Ratio	Lower	Upper
169	100		
168	71.8	56.6	85.0
167	39.0	30.8	46.2

169 100

168 71.8 56.6 85.0

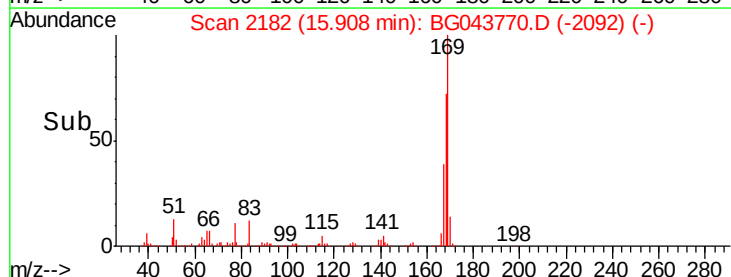
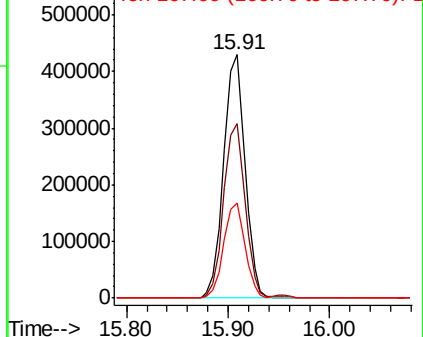
167 39.0 30.8 46.2

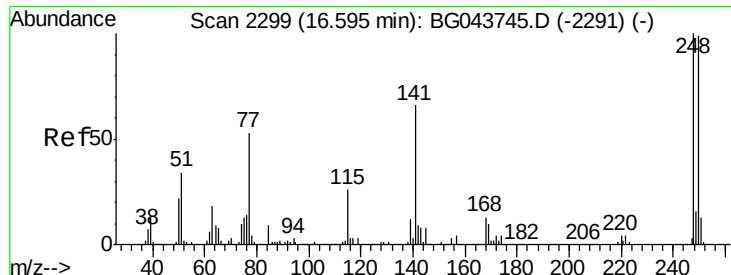


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.178 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

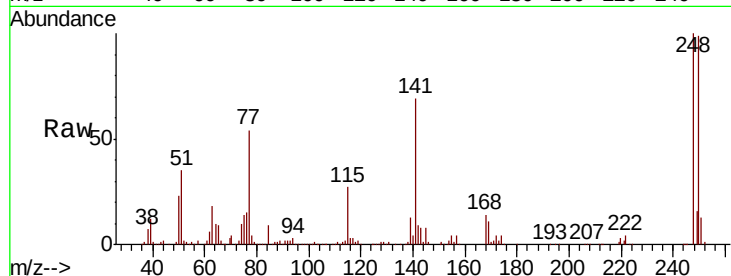
Tot Ion:248 Resp: 225148

Ion Ratio Lower Upper

248 100

250 99.3 79.3 118.9

141 68.5 53.0 79.6

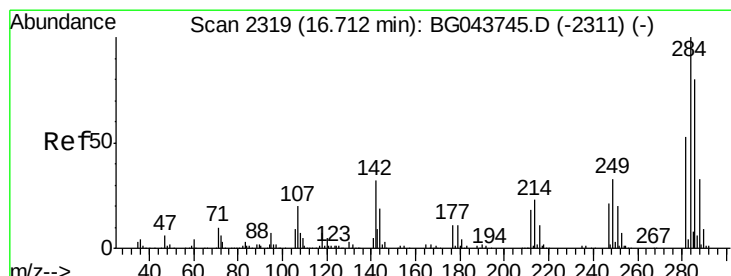
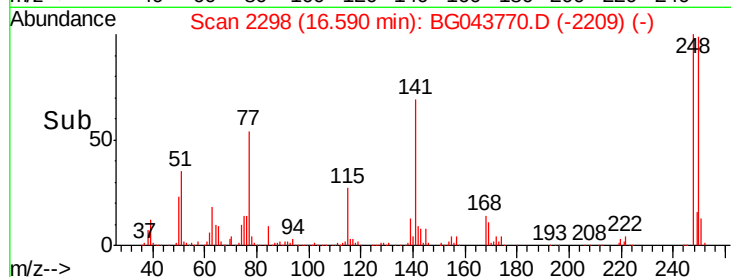
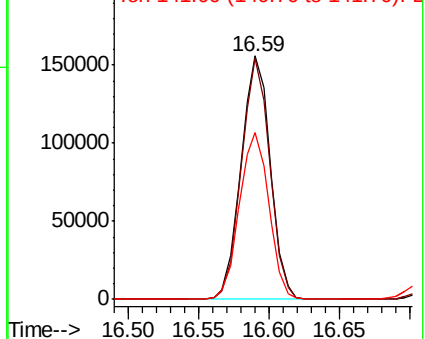


Abundance

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: 36.626 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

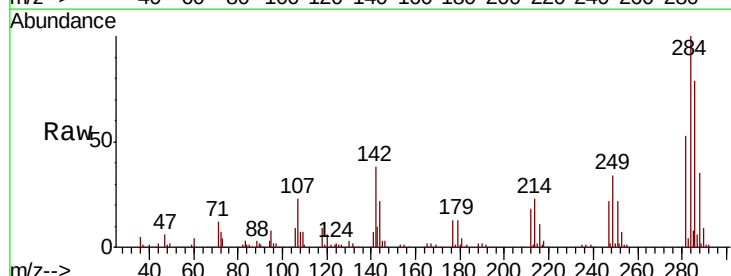
Tgt Ion:284 Resp: 242480

Ion Ratio Lower Upper

284 100

142 37.9 25.4 38.0

249 33.8 26.2 39.4

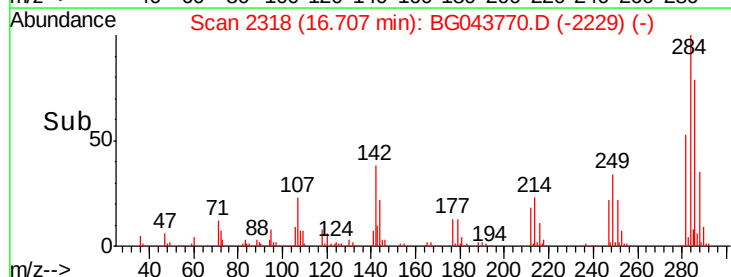
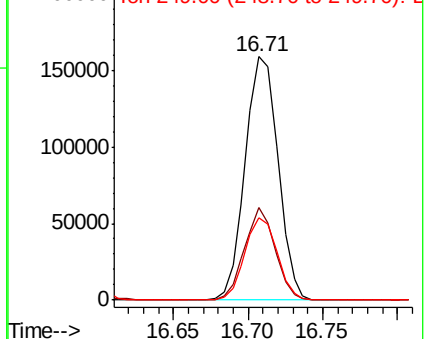


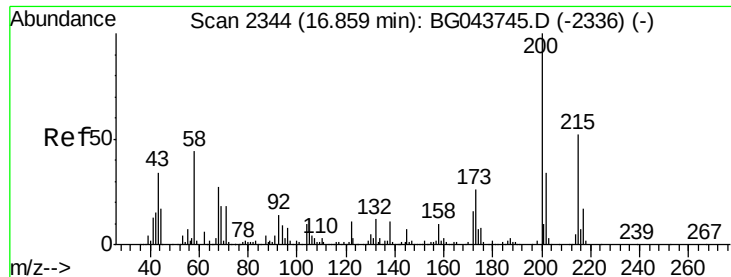
Abundance

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: 46.568 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

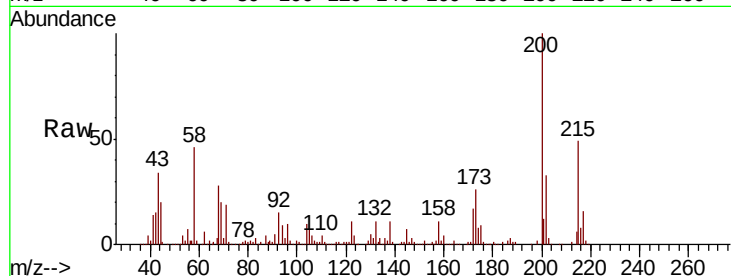
Tot Ion:200 Resp: 283761

Ion Ratio Lower Upper

200 100

173 26.1 6.0 46.0

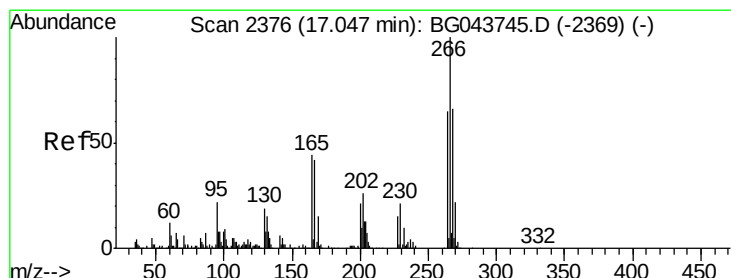
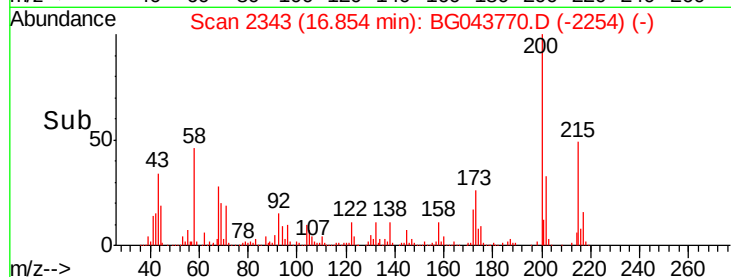
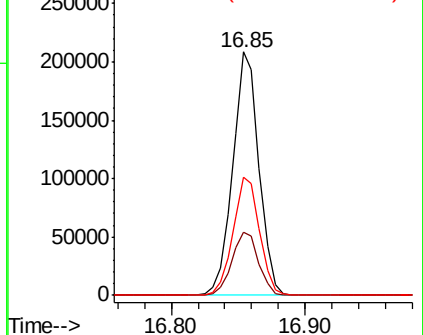
215 48.7 32.4 72.4



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: 93.506 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

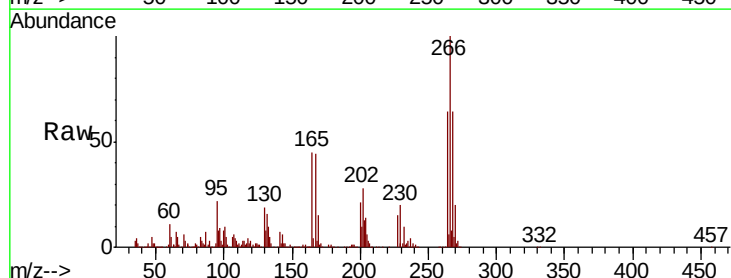
Tgt Ion:266 Resp: 377746

Ion Ratio Lower Upper

266 100

268 64.1 52.9 79.3

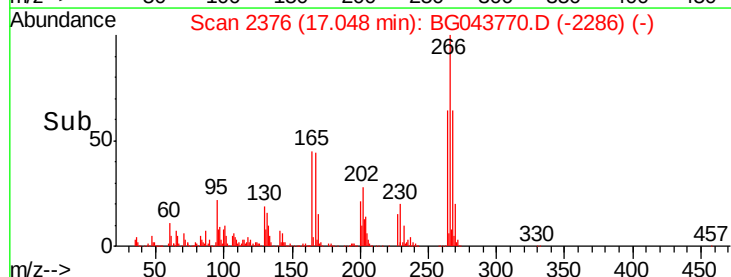
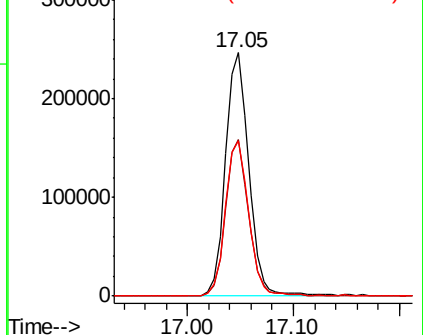
264 63.9 51.6 77.4

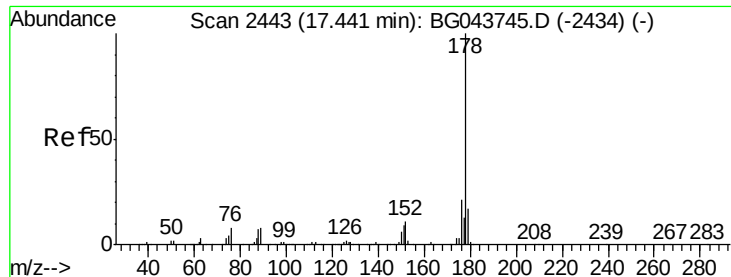


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

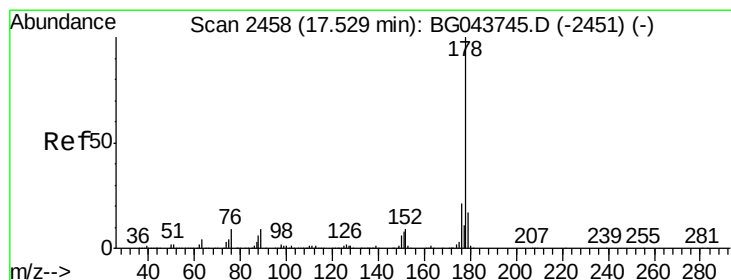
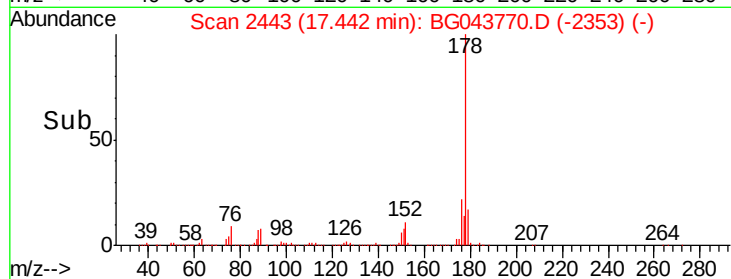
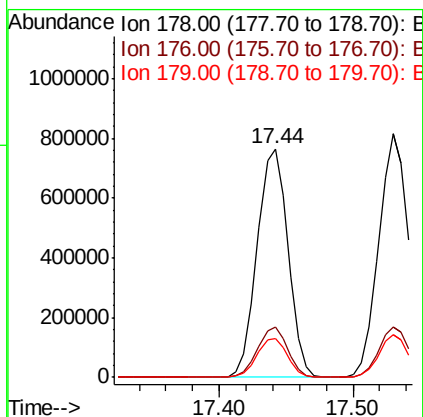
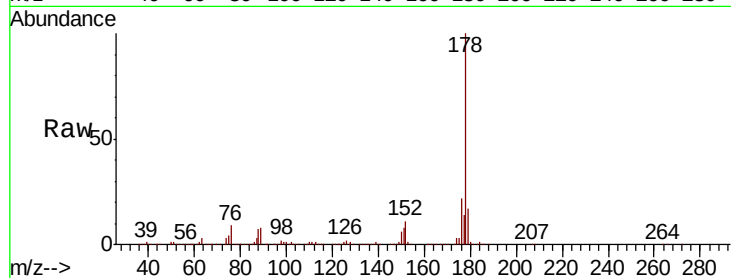




#71
Phenanthrene
Concen: 42.928 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

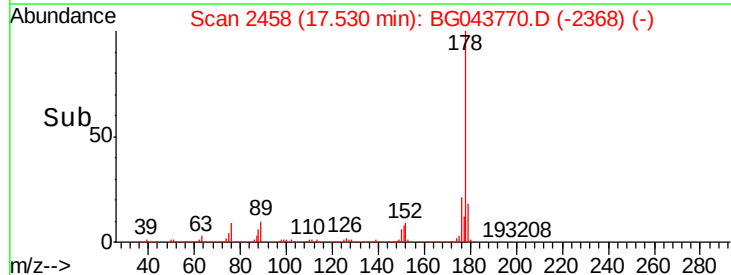
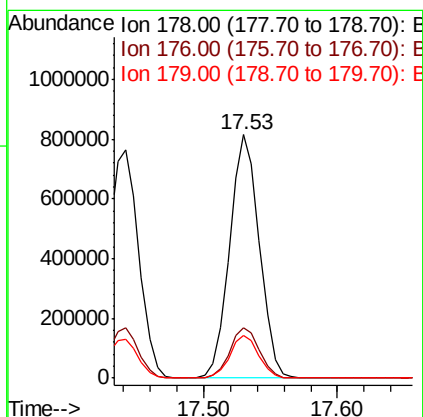
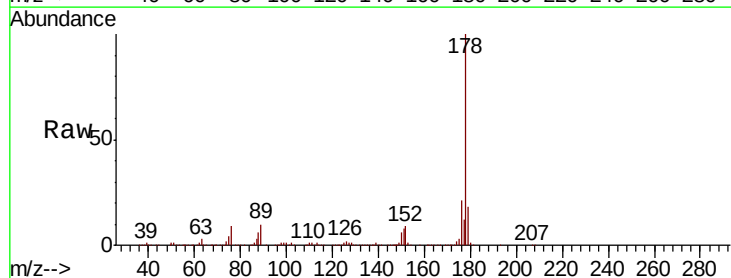
Instrument :
BNA_G
ClientSampleId :
PB125036BS

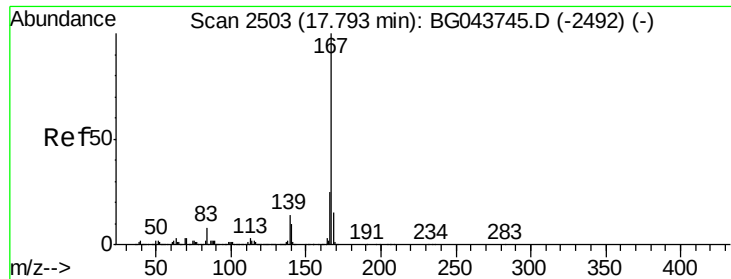
Tot Ion:178 Resp: 1219794
Ion Ratio Lower Upper
178 100
176 22.0 16.9 25.3
179 17.2 13.5 20.3



#72
Anthracene
Concen: 43.748 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:178 Resp: 1255740
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 17.7 13.4 20.2

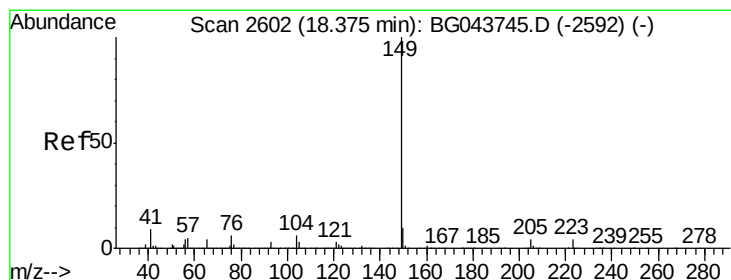
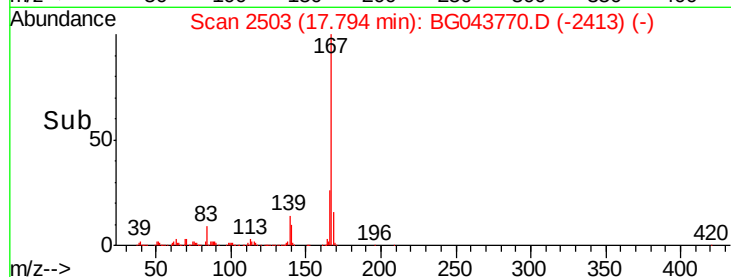
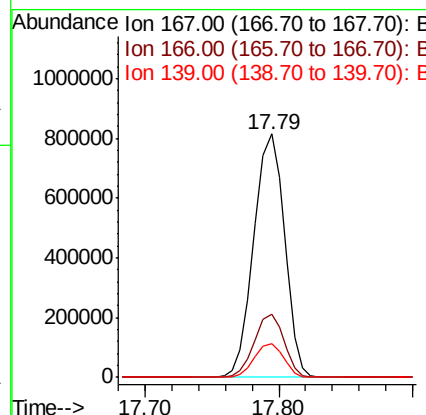
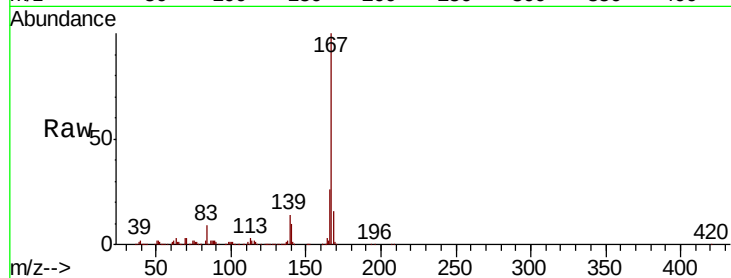




#73
 Carbazole
 Concen: 46.900 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

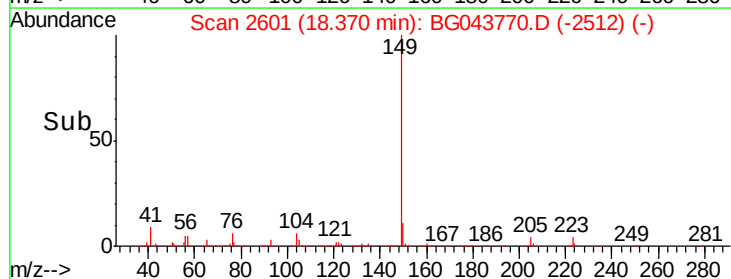
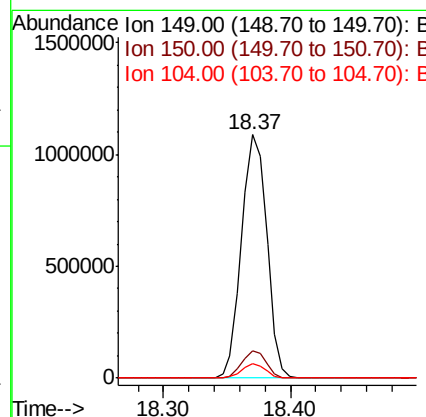
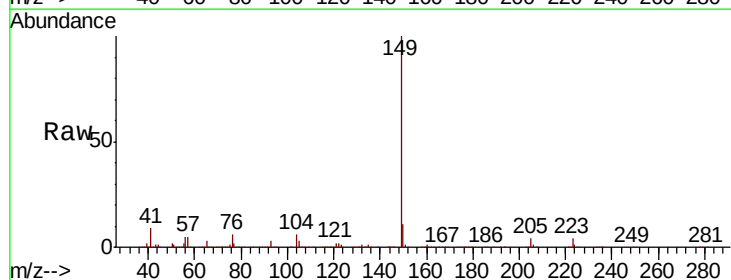
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

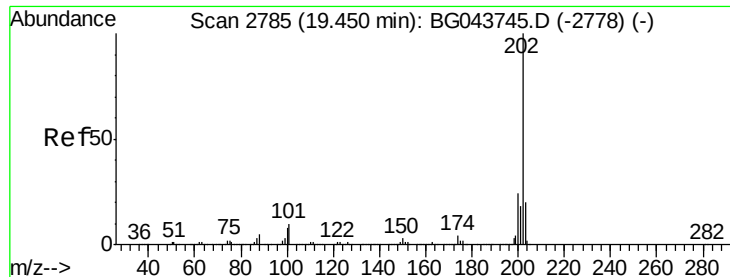
Tot Ion:167 Resp: 1295313
 Ion Ratio Lower Upper
 167 100
 166 26.2 19.8 29.6
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.227 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG043770.D
 Acq: 25 Nov 2019 15:38

Tgt Ion:149 Resp: 1500593
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.4 12.6
 104 5.8 4.6 7.0





#75

Fluoranthene

Concen: 43.148 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

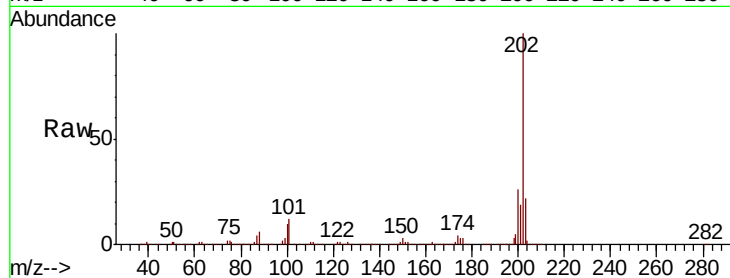
Tot Ion:202 Resp: 1758691

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.1

203 21.9 0.0 39.7

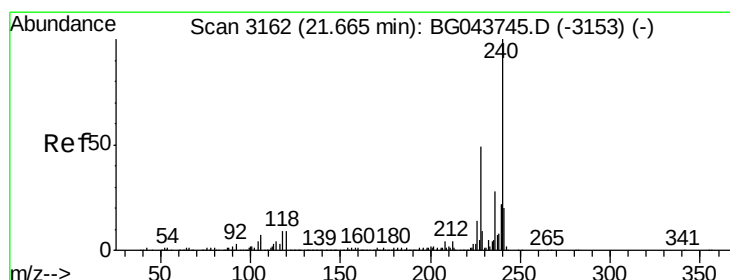
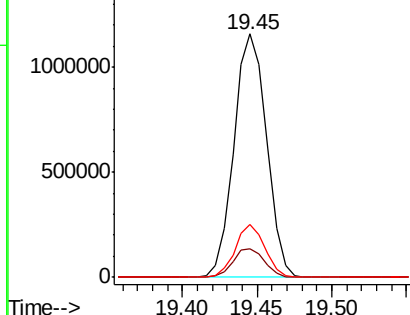
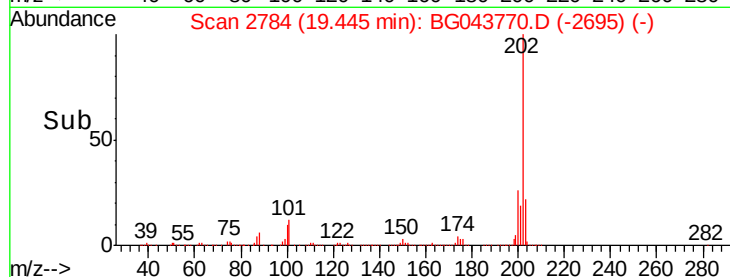


Abundance

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

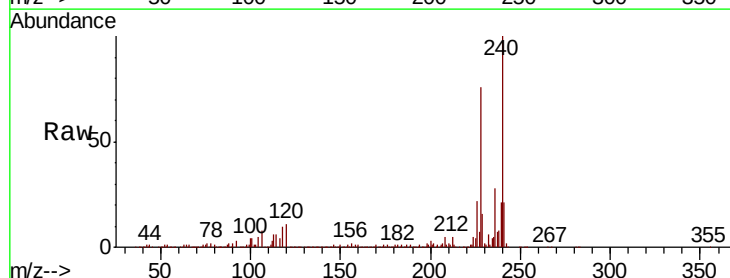
Tgt Ion:240 Resp: 708245

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

236 28.0 22.6 34.0

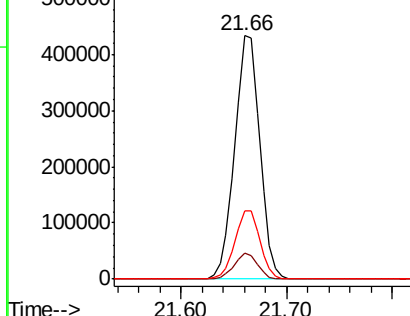
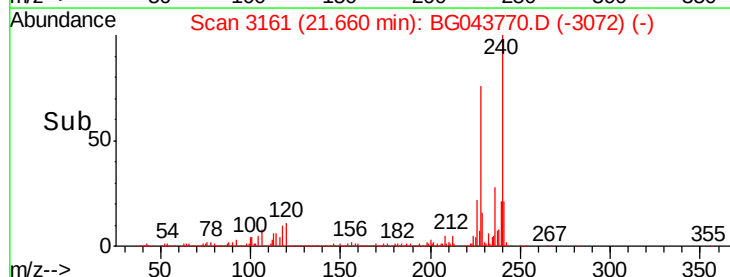


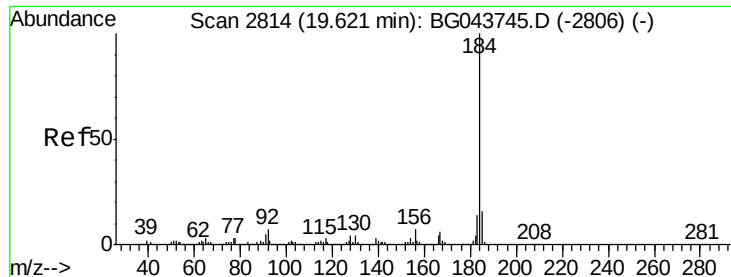
Abundance

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: 26.077 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

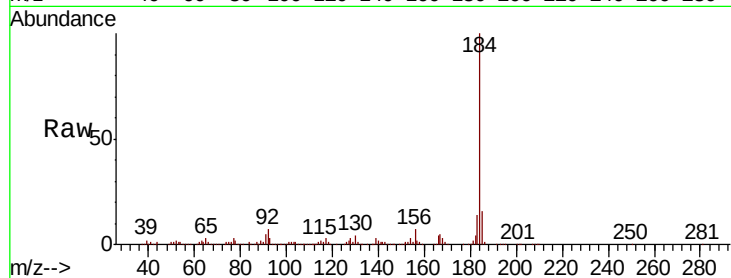
Tot Ion:184 Resp: 539503

Ion Ratio Lower Upper

184 100

185 16.0 12.8 19.2

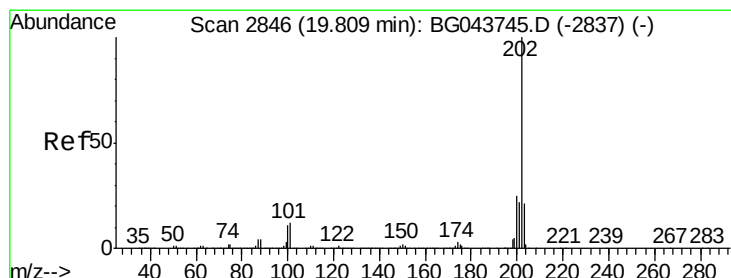
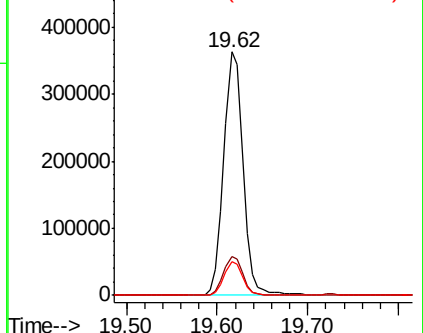
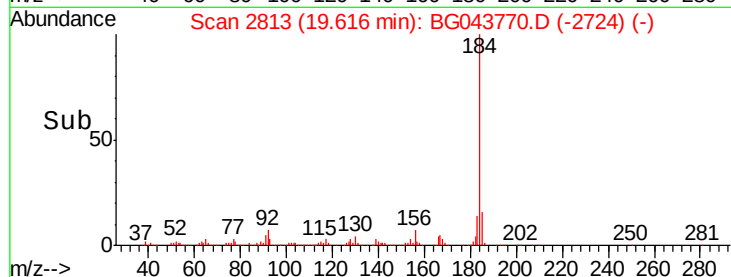
183 13.9 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.547 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

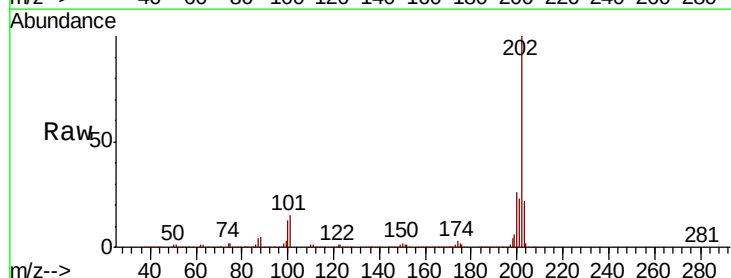
Tgt Ion:202 Resp: 1807649

Ion Ratio Lower Upper

202 100

200 26.2 19.8 29.6

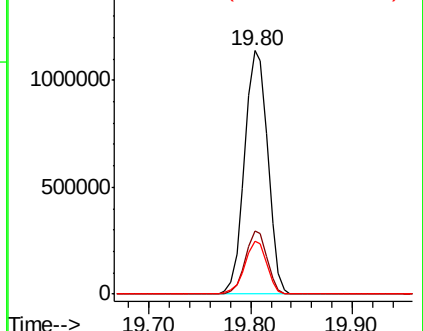
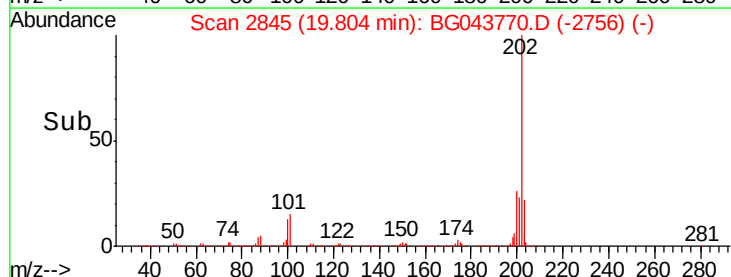
203 21.8 16.6 24.8

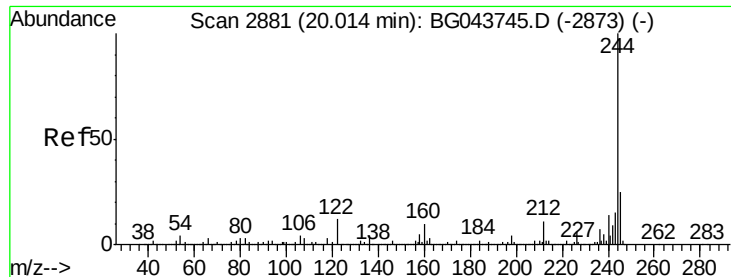


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.950 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

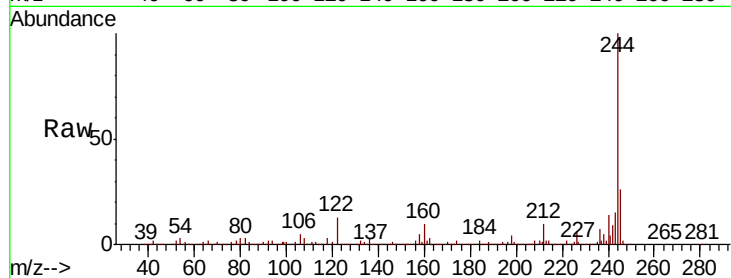
Tot Ion:244 Resp: 1973056

Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

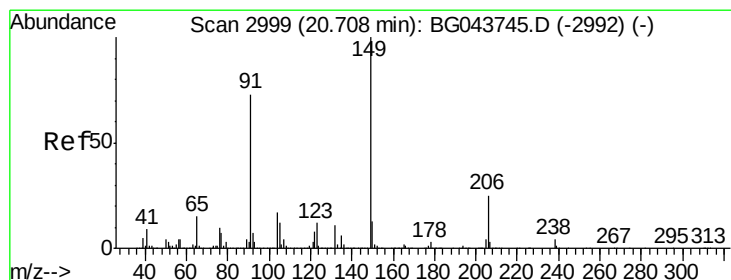
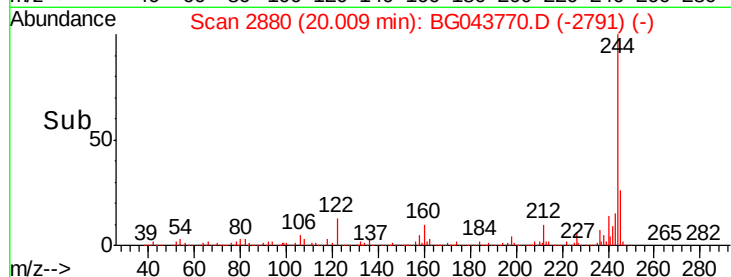
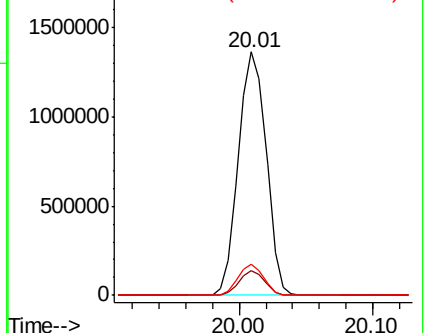
122 12.6 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.670 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

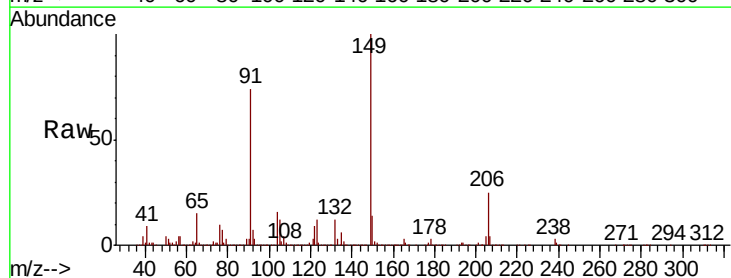
Tgt Ion:149 Resp: 888495

Ion Ratio Lower Upper

149 100

91 73.5 58.8 88.2

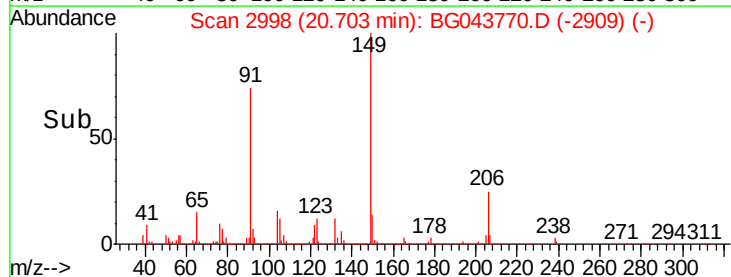
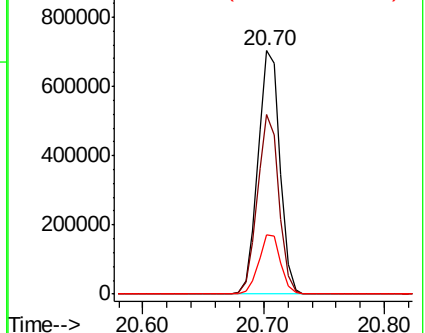
206 24.5 19.8 29.6

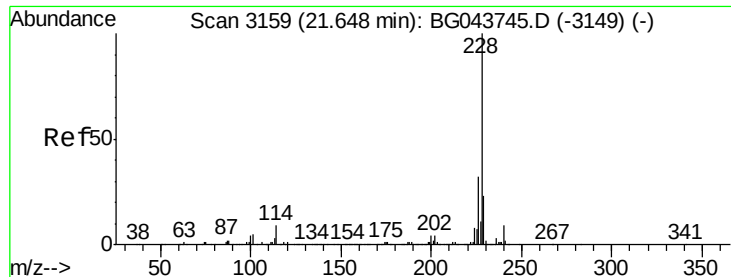


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

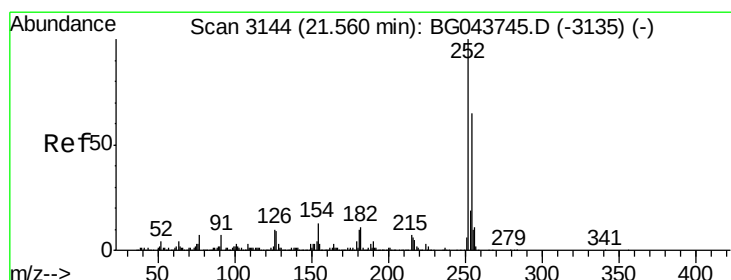
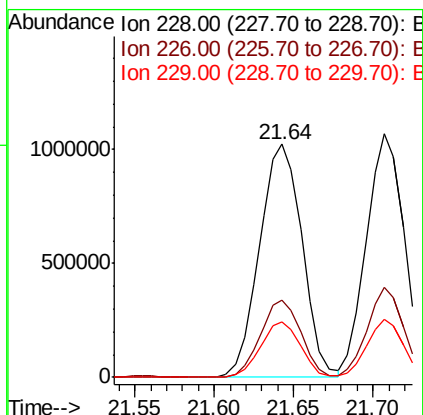
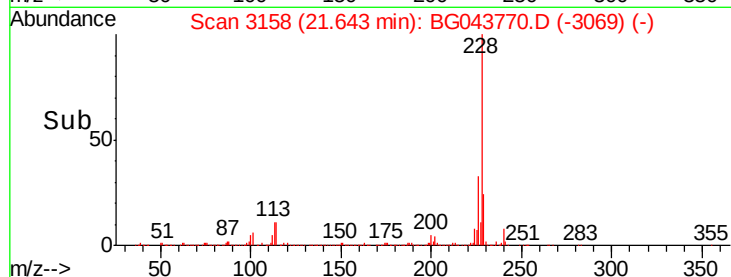
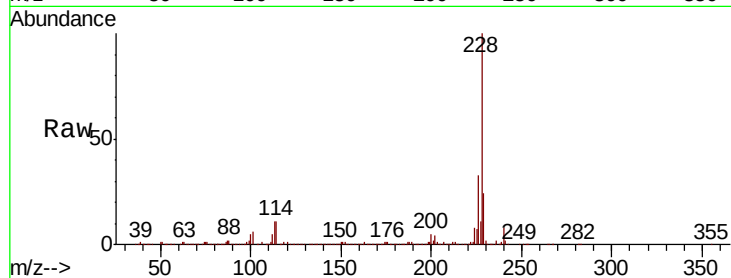




#81
Benzo(a)anthracene
Concen: 40.360 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

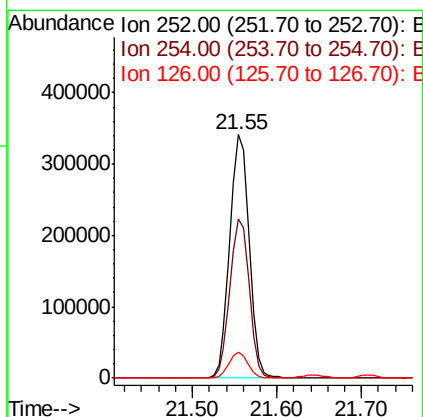
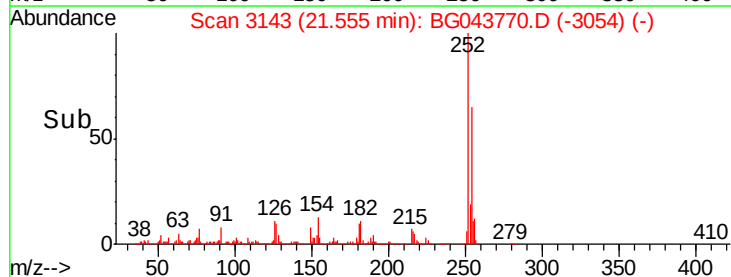
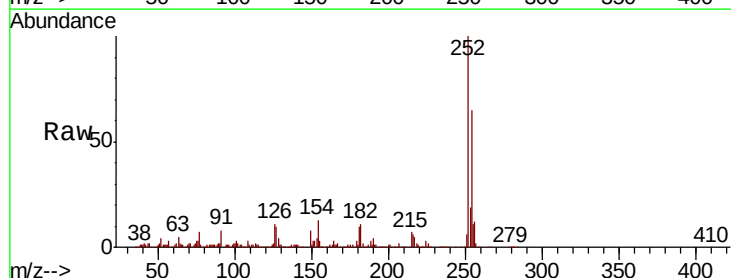
Instrument :
BNA_G
ClientSampleId :
PB125036BS

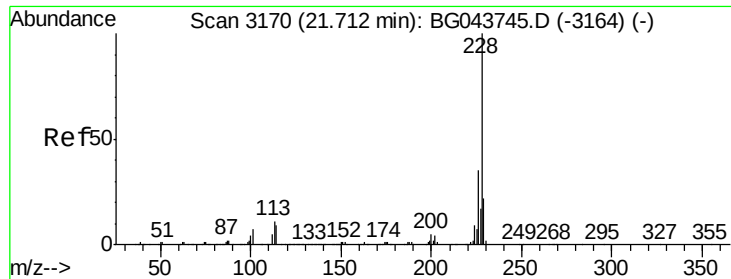
Tot Ion:228 Resp: 1910973
Ion Ratio Lower Upper
228 100
226 33.1 25.4 38.2
229 23.7 18.1 27.1



#82
3,3'-Dichlorobenzidine
Concen: 30.479 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:252 Resp: 541177
Ion Ratio Lower Upper
252 100
254 65.5 52.1 78.1
126 10.9 7.8 11.6





#83

Chrysene

Concen: 39.591 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

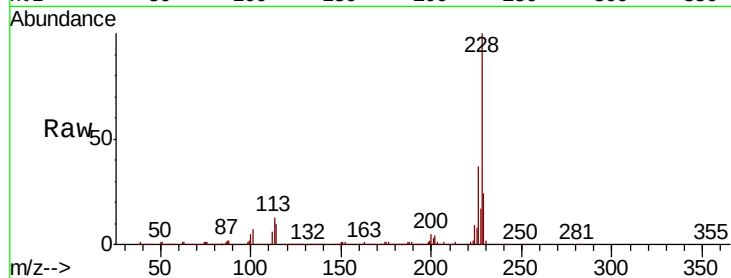
BNA_G

ClientSampleId :

PB125036BS

Tot Ion:228 Resp: 1773815

Ion	Ratio	Lower	Upper
228	100		
226	36.9	27.8	41.8
229	23.6	17.9	26.9

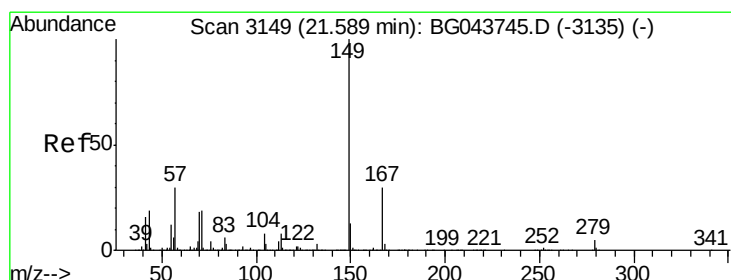
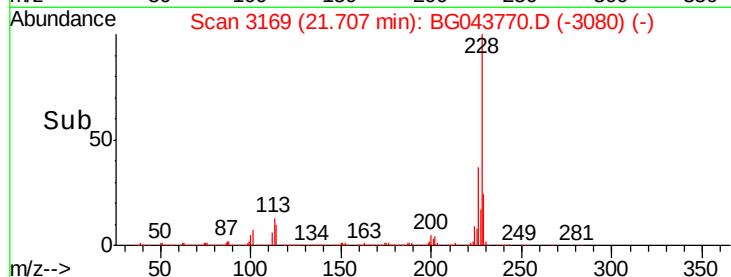
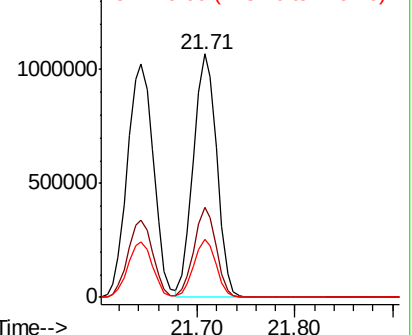


Abundance

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: 40.529 ng

RT: 21.58 min Scan# 3147

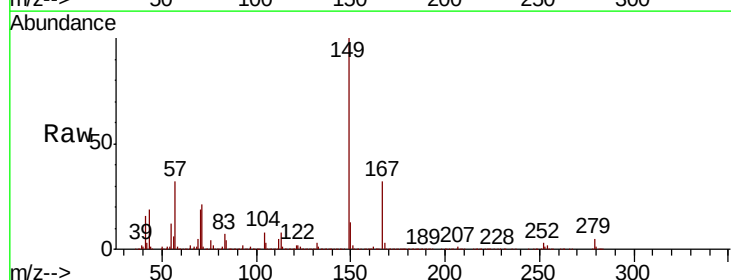
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Tgt Ion:149 Resp: 1187424

Ion	Ratio	Lower	Upper
149	100		
167	32.1	23.8	35.6
279	4.7	4.0	6.0

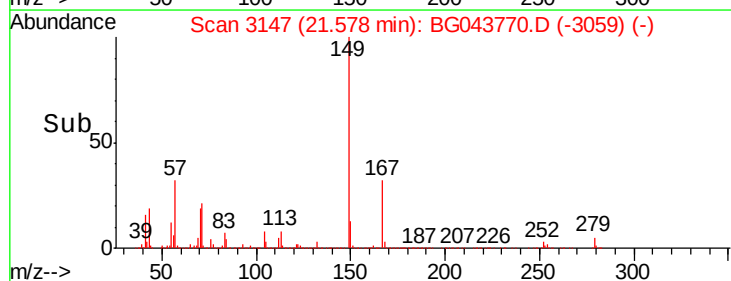
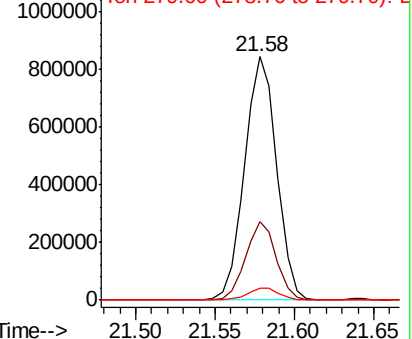


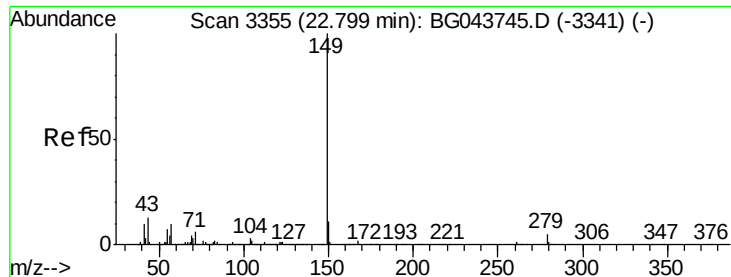
Abundance

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: 36.347 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

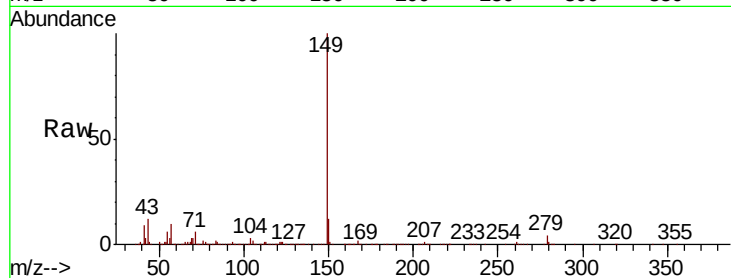
Tot Ion:149 Resp: 1727272

Ion Ratio Lower Upper

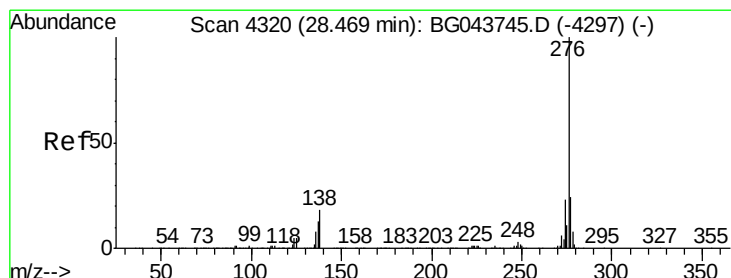
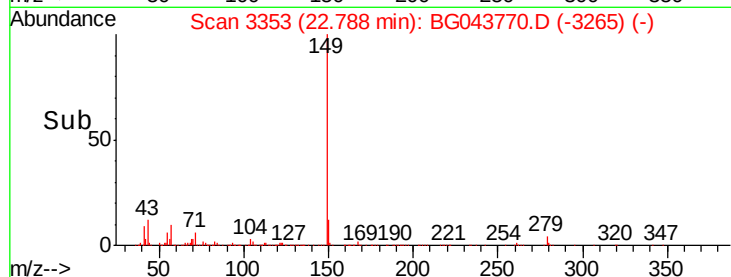
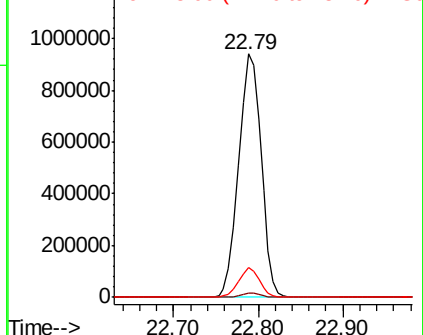
149 100

167 1.8 1.4 2.0

43 11.1 9.8 14.6



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.068 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.02 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

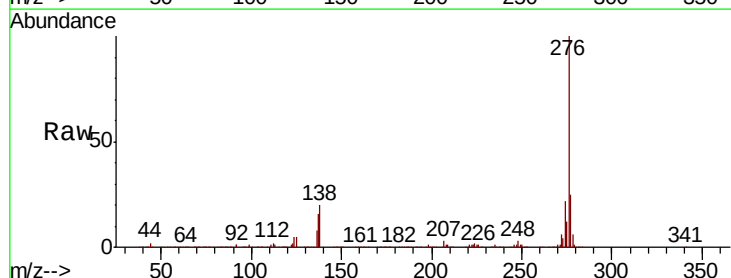
Tgt Ion:276 Resp: 1827631

Ion Ratio Lower Upper

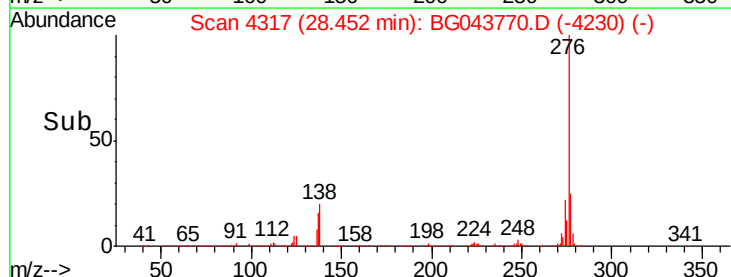
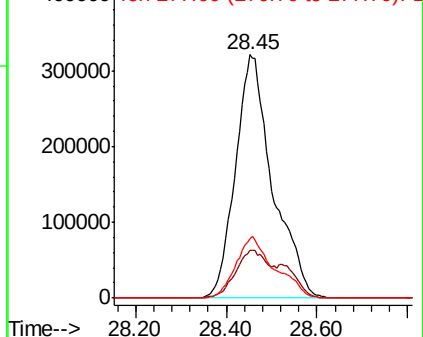
276 100

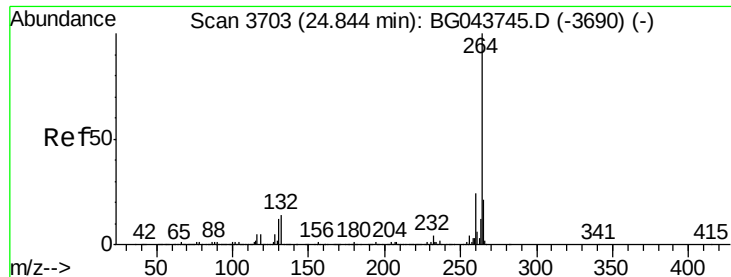
138 16.5 14.5 21.7

277 26.4 21.1 31.7



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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

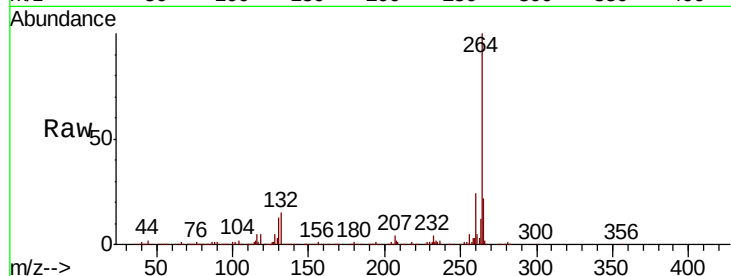
Tot Ion:264 Resp: 617991

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

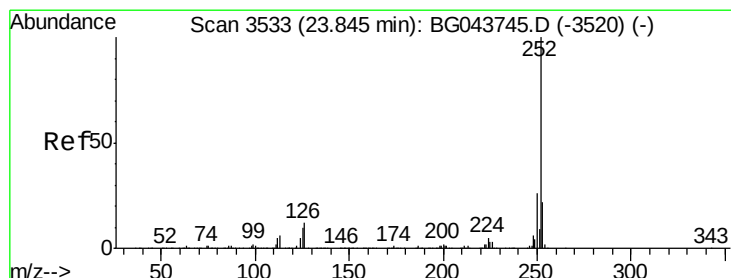
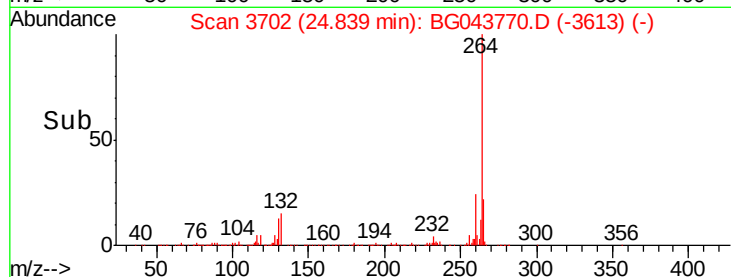
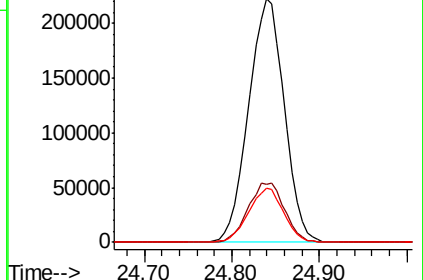
265 22.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.874 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

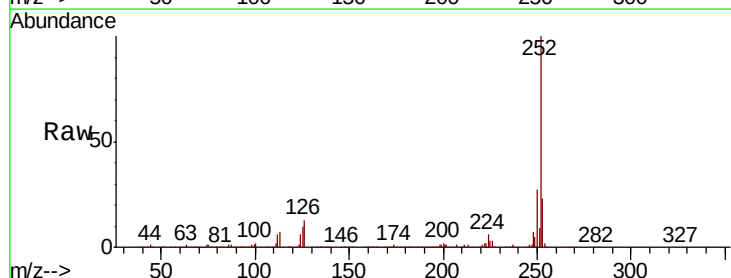
Tgt Ion:252 Resp: 1581967

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

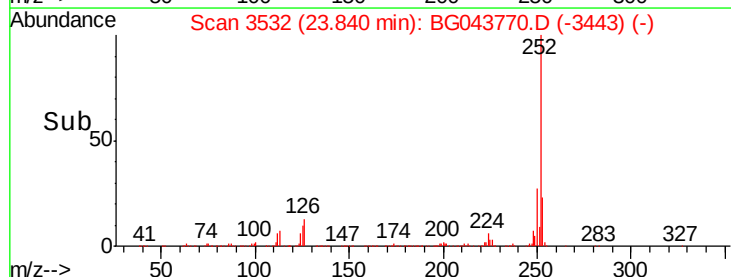
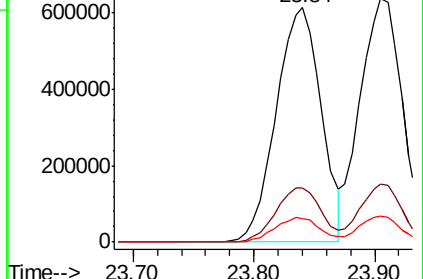
125 10.1 8.0 12.0

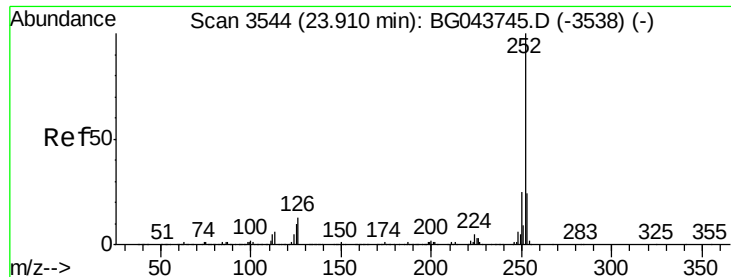


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

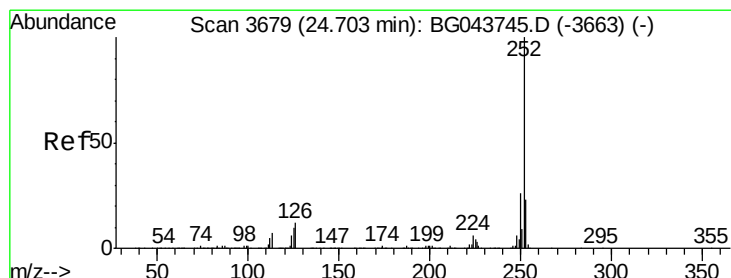
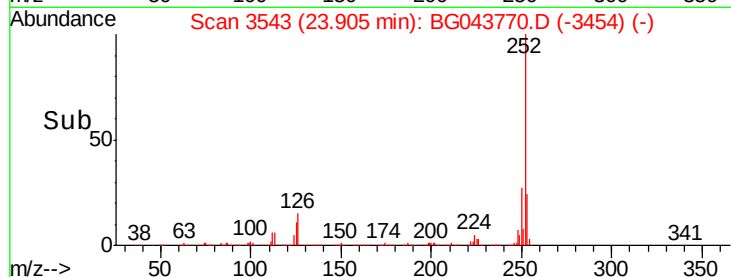
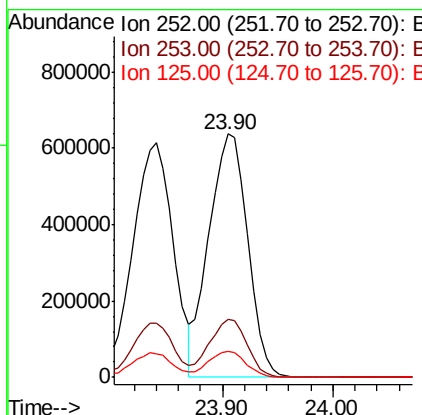
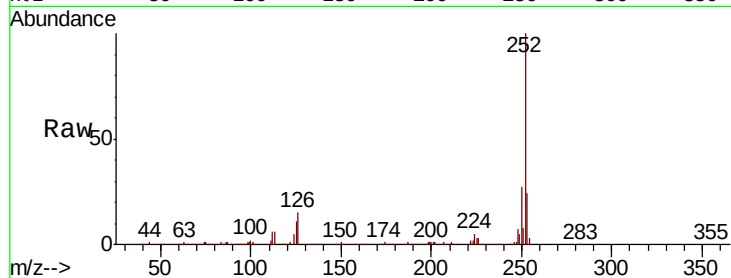




#89
Benzo(k)fluoranthene
Concen: 43.688 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

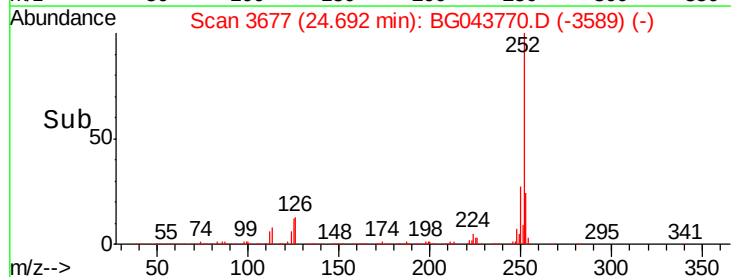
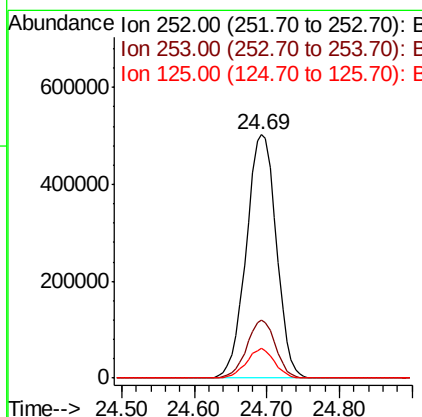
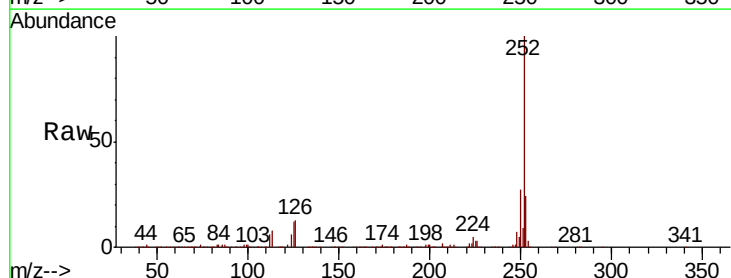
Instrument :
BNA_G
ClientSampleId :
PB125036BS

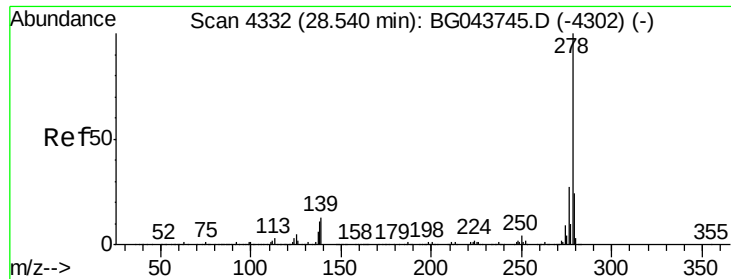
Tot Ion:252 Resp: 1547070
Ion Ratio Lower Upper
252 100
253 24.0 18.8 28.2
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.629 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043770.D
Acq: 25 Nov 2019 15:38

Tgt Ion:252 Resp: 1444354
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 12.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.637 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB125036BS

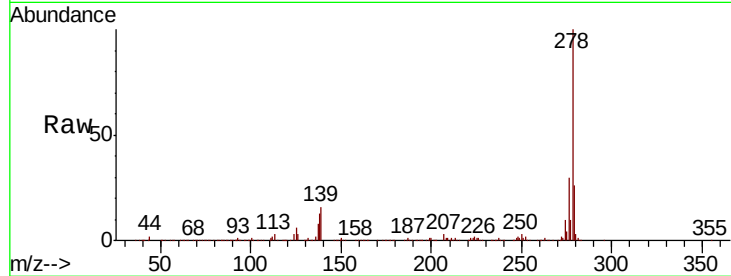
Tot Ion:278 Resp: 1502227

Ion Ratio Lower Upper

278 100

139 16.0 10.4 15.6#

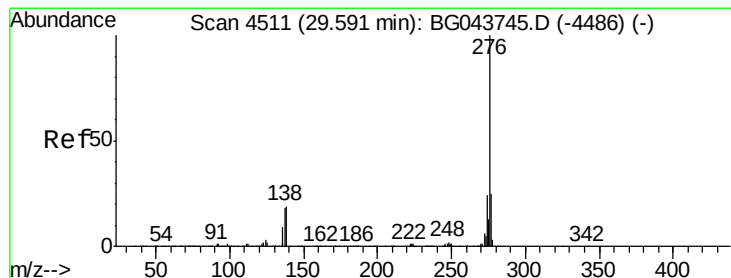
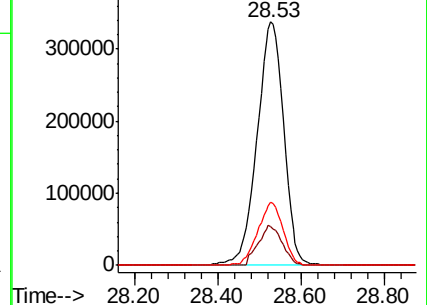
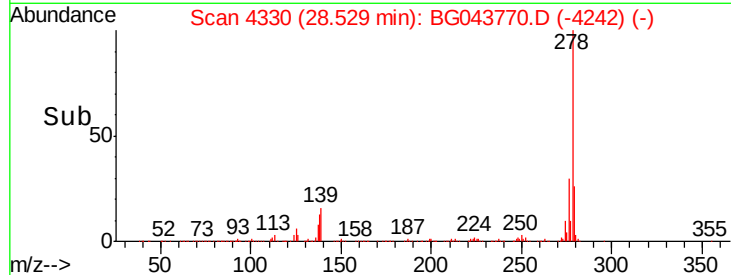
279 25.9 19.3 28.9



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: 45.623 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

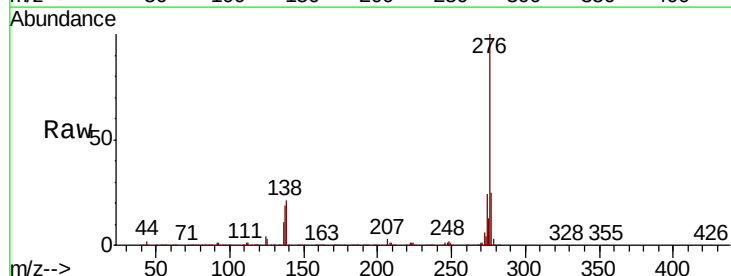
Tgt Ion:276 Resp: 1514152

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 20.8 14.9 22.3



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

