

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037556.D
 Acq On : 25 Oct 2018 22:14
 Operator : JU/SJ
 Sample : J5603-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Quant Time: Oct 26 08:06:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69797	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	319167	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	208635	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	471937	20.00	ng	0.00
76) Chrysene-d12	21.77	240	407382	20.00	ng	0.00
87) Perylene-d12	25.10	264	429614	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	257988	61.80	ng	0.00
7) Phenol-d6	7.24	99	249530	39.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	440964	77.40	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	263292	115.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	998446	72.16	ng	0.00
79) Terphenyl-d14	20.08	244	1414178	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	28943	13.671	ng	98
3) Pyridine	3.94	79	66096	12.386	ng	97
4) n-Nitrosodimethylamine	3.85	42	39105	20.574	ng	87
6) Aniline	7.43	93	132336	17.184	ng	98
8) 2-Chlorophenol	7.67	128	185823	38.048	ng	99
9) Benzaldehyde	7.24	77	123011	31.150	ng	93
10) Phenol	7.27	94	116014	17.418	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	211729	41.853	ng	97
12) 1,3-Dichlorobenzene	7.99	146	193283	35.549	ng	99
13) 1,4-Dichlorobenzene	8.14	146	197256	35.467	ng	98
14) 1,2-Dichlorobenzene	8.46	146	193645	36.195	ng	99
15) Benzyl Alcohol	8.34	79	135350	29.017	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	390043	43.090	ng	97
17) 2-Methylphenol	8.54	107	148930	33.821	ng	99
18) Hexachloroethane	9.19	117	67213	35.448	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	182637	42.013	ng	95
20) 3+4-Methylphenols	8.86	107	186548	29.630	ng	99
22) Acetophenone	8.94	105	338429	42.280	ng	# 98
24) Nitrobenzene	9.32	77	258522	43.678	ng	97
25) Isophorone	9.84	82	527813	50.701	ng	97
26) 2-Nitrophenol	10.03	139	123987	46.500	ng	96
27) 2,4-Dimethylphenol	10.08	122	219144	46.031	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	314213	46.068	ng	97
29) 2,4-Dichlorophenol	10.56	162	229565	43.309	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	219419	38.065	ng	97
31) Naphthalene	10.98	128	673511	42.963	ng	100
32) Benzoic acid	10.16	122	52290	16.910	ng	98
33) 4-Chloroaniline	11.09	127	89026	12.086	ng	# 92
34) Hexachlorobutadiene	11.24	225	121052	35.433	ng	96
35) Caprolactam	11.88	113	9568	4.501	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	243529	40.738	ng	99
37) 2-Methylnaphthalene	12.57	142	534762	46.795	ng	100
38) 1-Methylnaphthalene	12.79	142	510661	46.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	270359	40.175	ng	99

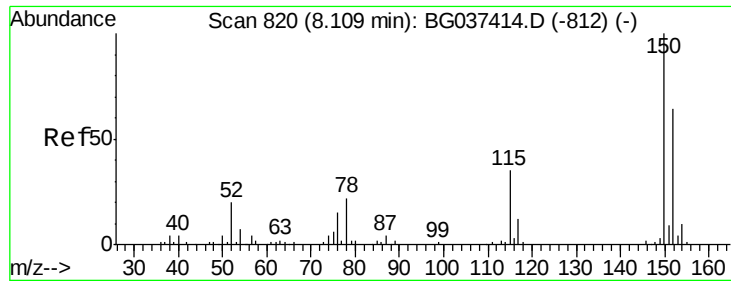
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037556.D
 Acq On : 25 Oct 2018 22:14
 Operator : JU/SJ
 Sample : J5603-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Quant Time: Oct 26 08:06:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	286068	88.991	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	205328	45.670	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	221269	45.203	nq	97
46) 1,1'-Biphenyl	13.57	154	695185	40.234	nq	97
47) 2-Chloronaphthalene	13.62	162	550315	42.099	nq	99
48) 2-Nitroaniline	13.83	65	186382	47.018	nq	96
49) Acenaphthylene	14.46	152	907804	46.166	nq	98
50) Dimethylphthalate	14.19	163	748417	46.369	nq	99
51) 2,6-Dinitrotoluene	14.32	165	166414	46.607	nq	95
52) Acenaphthene	14.80	154	544092	44.928	nq	99
53) 3-Nitroaniline	14.65	138	73063	18.432	nq	# 91
54) 2,4-Dinitrophenol	14.85	184	166048	93.997	nq	92
55) Dibenzofuran	15.13	168	849187	42.322	nq	97
56) 4-Nitrophenol	14.94	139	148449	50.596	nq	100
57) 2,4-Dinitrotoluene	15.10	165	231801	49.456	nq	97
58) Fluorene	15.79	166	693808	46.175	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192571	45.947	nq	98
60) Diethylphthalate	15.55	149	736196	44.428	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	365690	41.756	nq	98
62) 4-Nitroaniline	15.82	138	162182	41.176	nq	93
63) Azobenzene	16.06	77	702068	44.406	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	122005	49.041	nq	95
66) n-Nitrosodiphenylamine	15.99	169	623642	43.931	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	228905	44.168	nq	99
68) Hexachlorobenzene	16.78	284	227731	42.397	nq	100
69) Atrazine	16.93	200	231247	45.055	nq	99
70) Pentachlorophenol	17.13	266	278249	77.337	nq	93
71) Phenanthrene	17.53	178	1099853	45.855	nq	98
72) Anthracene	17.62	178	1116805	47.446	nq	97
73) Carbazole	17.89	167	1016879	43.188	nq	98
74) Di-n-butylphthalate	18.42	149	1204292	45.979	nq	99
75) Fluoranthene	19.53	202	1239910	45.578	nq	97
77) Benzidine	19.71	184	297871	21.504	nq	98
78) Pyrene	19.89	202	1240676	46.587	nq	99
80) Butylbenzylphthalate	20.76	149	552408	50.684	nq	99
81) Benzo(a)anthracene	21.75	228	1174230	48.731	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	223581	23.938	nq	97
83) Chrysene	21.82	228	1086929	46.910	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	772805	50.585	nq	97
85) Di-n-octyl phthalate	22.87	149	1309735	52.574	nq	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1279252	51.476	nq	98
88) Benzo(b)fluoranthene	24.04	252	1153702	48.983	nq	99
89) Benzo(k)fluoranthene	24.11	252	1124897	48.748	nq	97
90) Benzo(a)pyrene	24.95	252	1119731	50.031	nq	98
91) Dibenzo(a,h)anthracene	29.00	278	1029398	49.863	nq	97
92) Benzo(g,h,i)perylene	30.15	276	1047508	50.153	nq	100

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

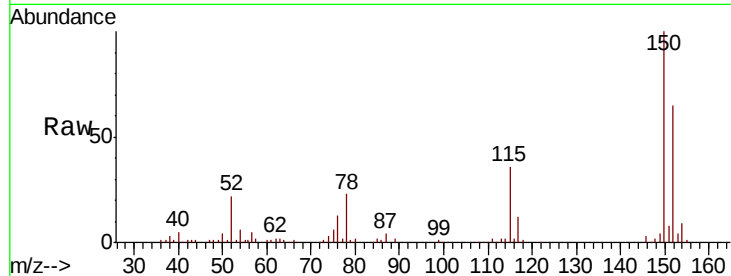


#1

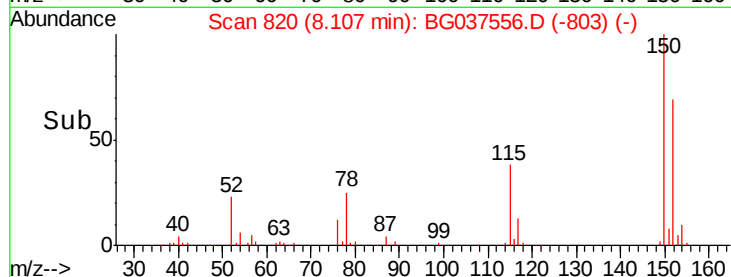
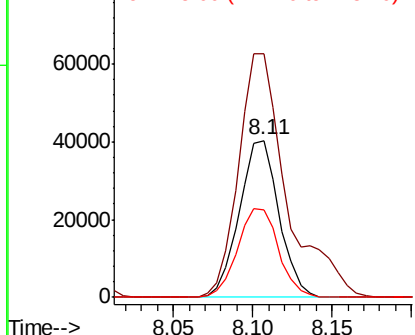
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:152 Resp: 69797
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 55.4 45.5 68.3



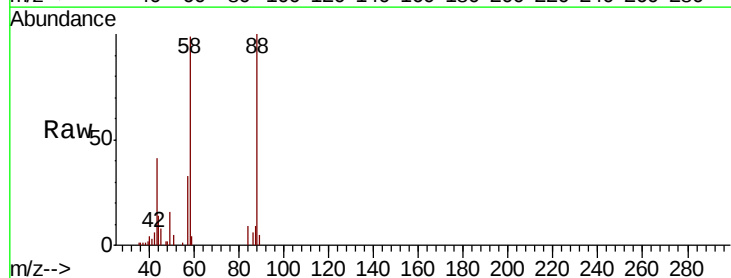
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



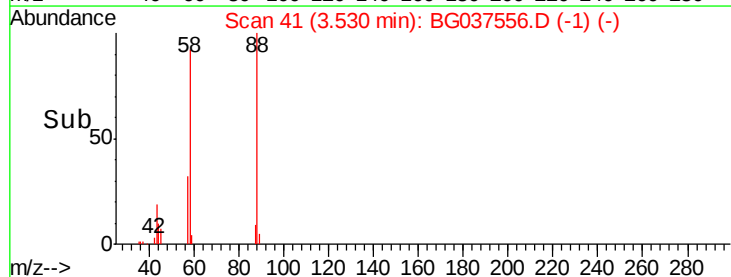
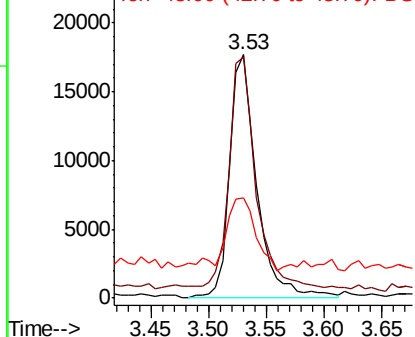
#2

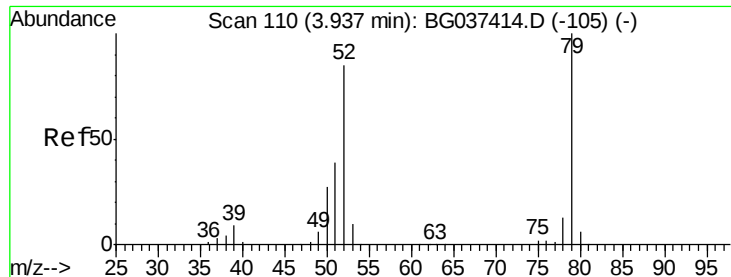
1,4-Dioxane
Concen: 13.671 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion: 88 Resp: 28943
Ion Ratio Lower Upper
88 100
58 92.6 74.4 111.6
43 29.4 25.8 38.8



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: 12.386 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

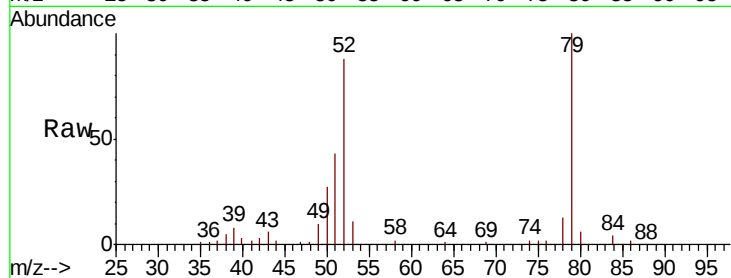
Tot Ion: 79 Resp: 66096

Ion Ratio Lower Upper

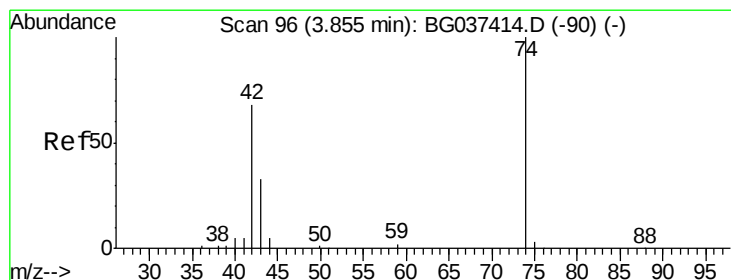
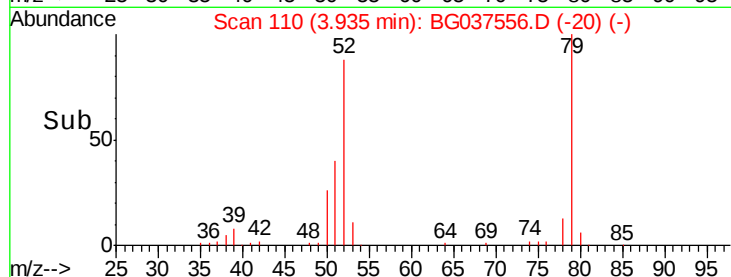
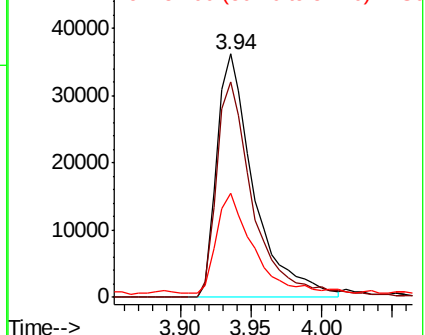
79 100

52 88.3 74.2 111.2

51 42.6 34.6 51.8



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: 20.574 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

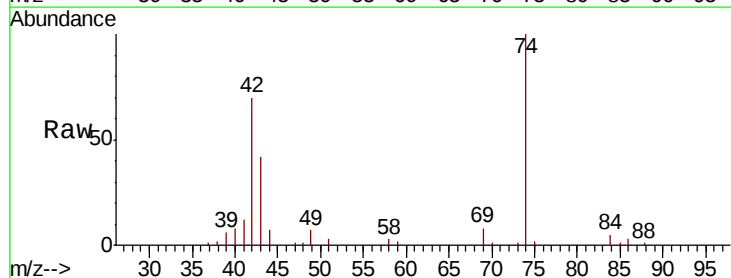
Tgt Ion: 42 Resp: 39105

Ion Ratio Lower Upper

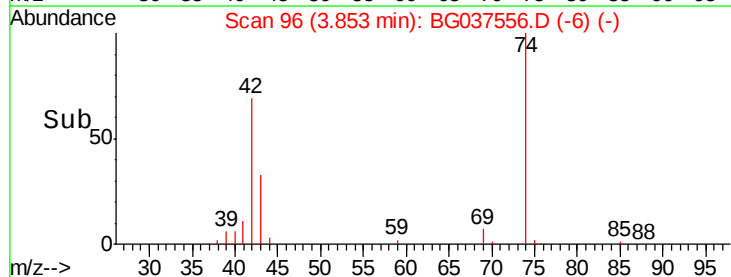
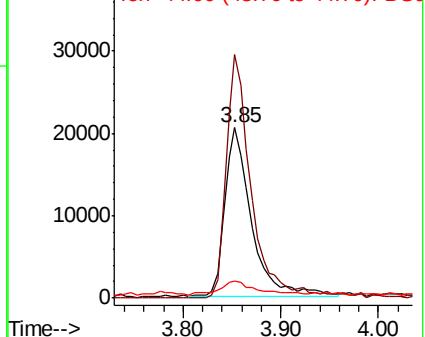
42 100

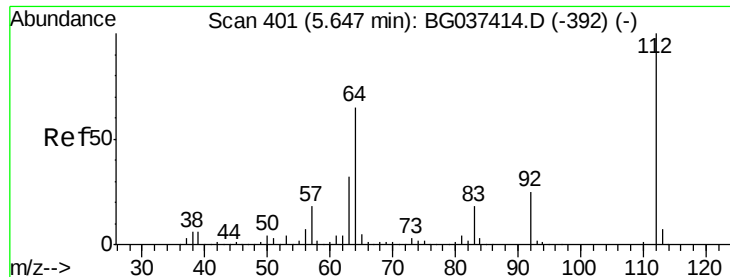
74 143.1 102.0 153.0

44 10.1 9.6 14.4



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





#5

2-Fluorophenol

Concen: 61.796 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

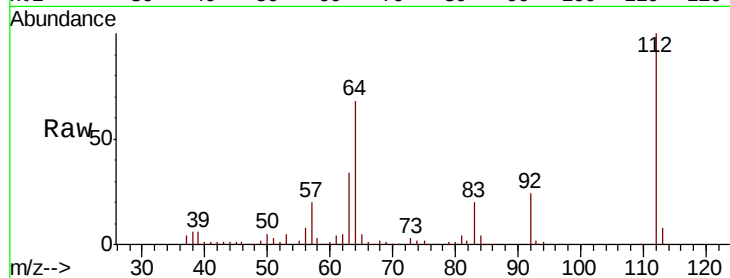
Tot Ion:112 Resp: 257988

Ion Ratio Lower Upper

112 100

64 68.3 53.1 79.7

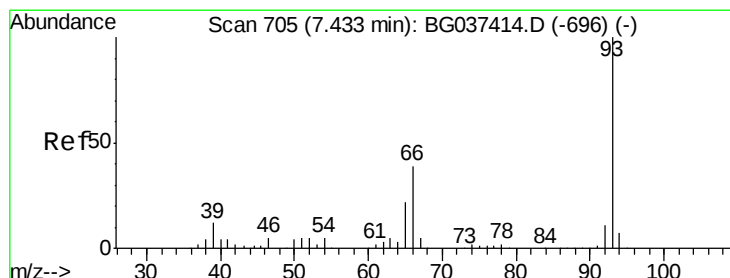
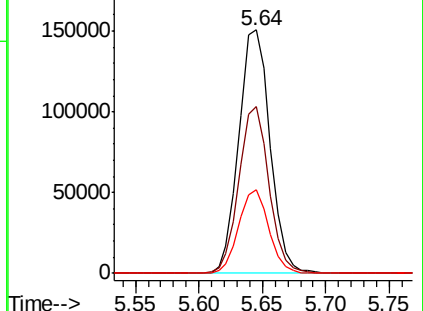
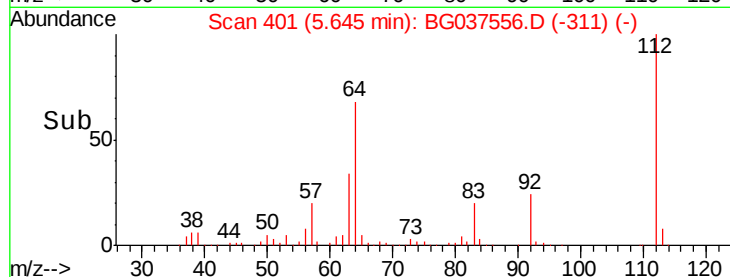
63 34.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.184 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

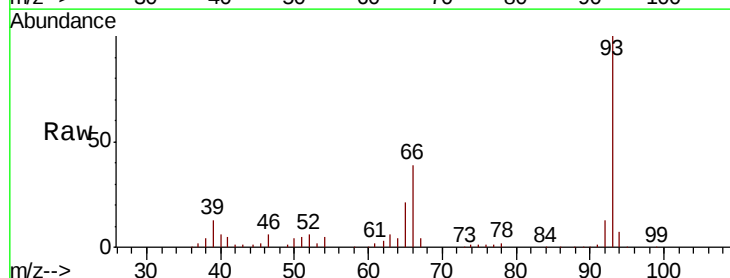
Tgt Ion: 93 Resp: 132336

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

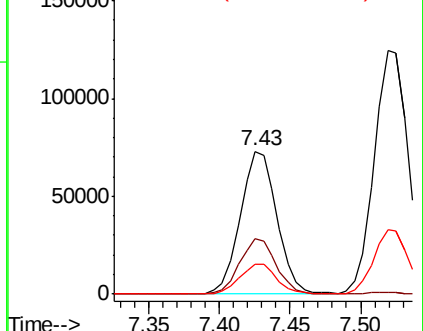
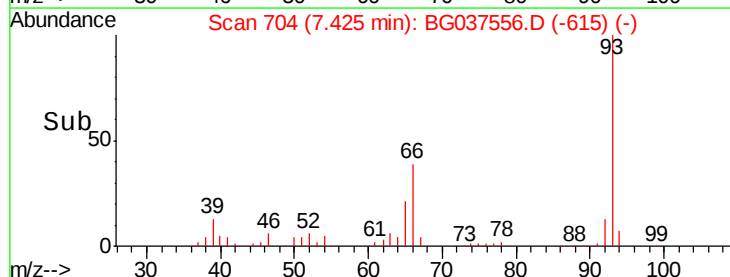
65 20.9 16.4 24.6

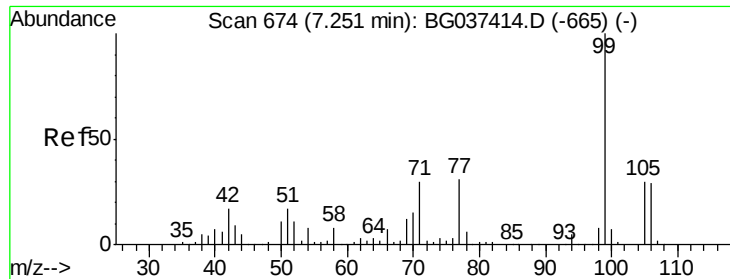


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 39.527 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

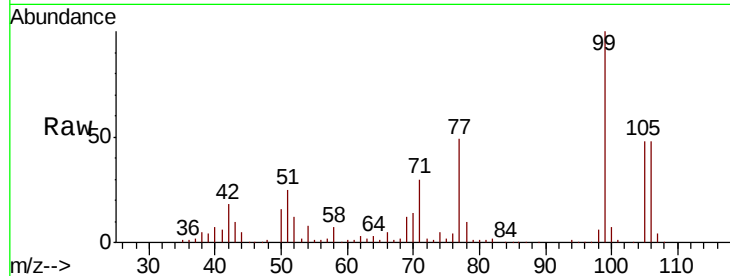
Tot Ion: 99 Resp: 249530

Ion Ratio Lower Upper

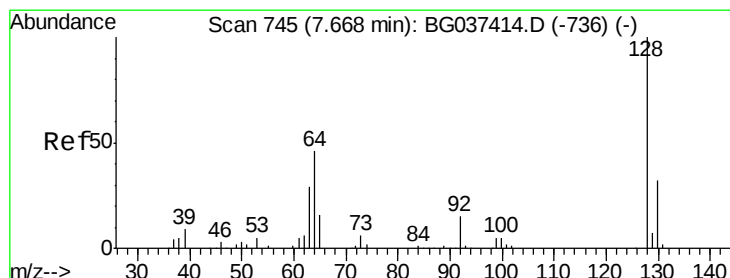
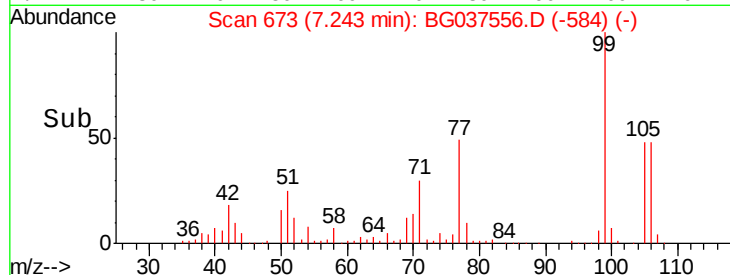
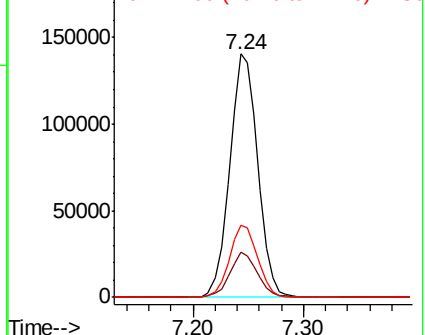
99 100

42 18.4 15.0 22.4

71 29.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 38.048 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

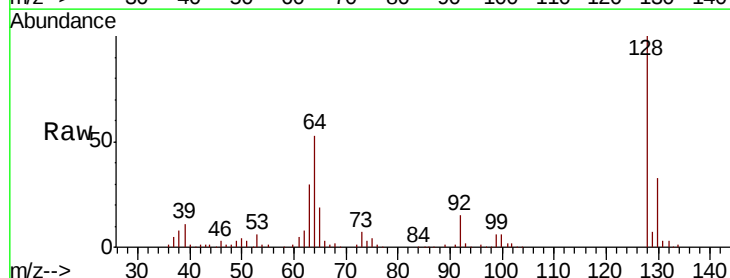
Tgt Ion: 128 Resp: 185823

Ion Ratio Lower Upper

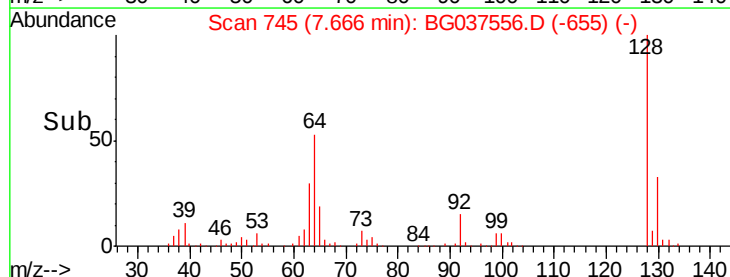
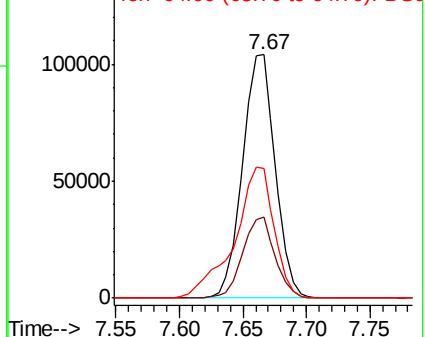
128 100

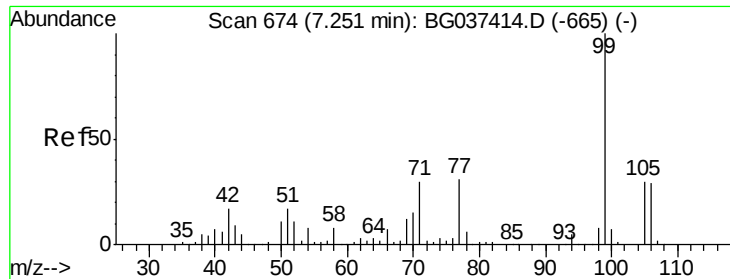
130 33.3 12.0 52.0

64 53.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 31.150 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

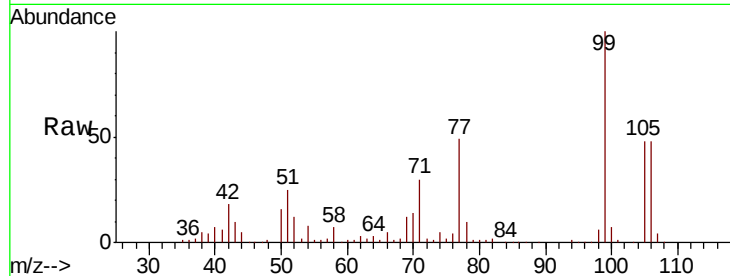
Tot Ion: 77 Resp: 123011

Ion Ratio Lower Upper

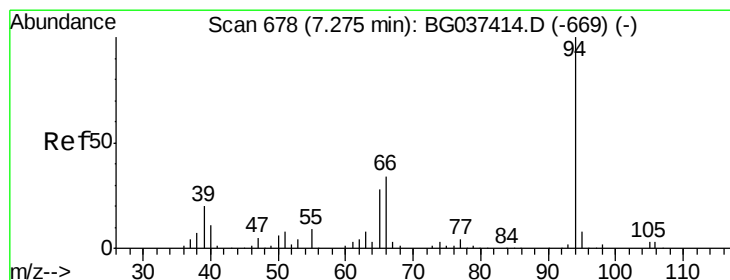
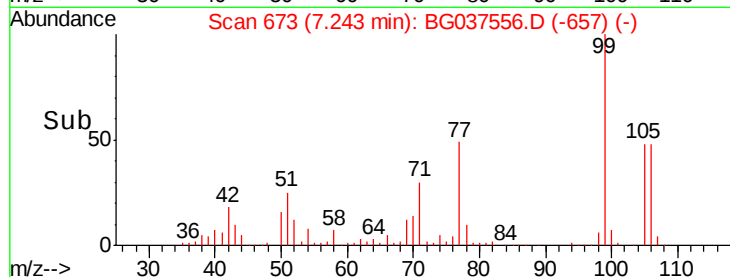
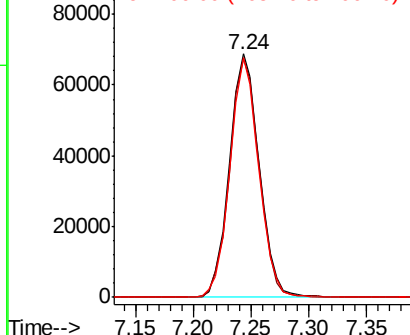
77 100

105 97.8 72.6 112.6

106 98.7 71.3 111.3



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



#10

Phenol

Concen: 17.418 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

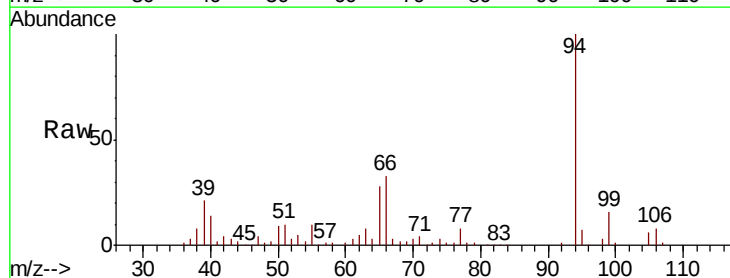
Tgt Ion: 94 Resp: 116014

Ion Ratio Lower Upper

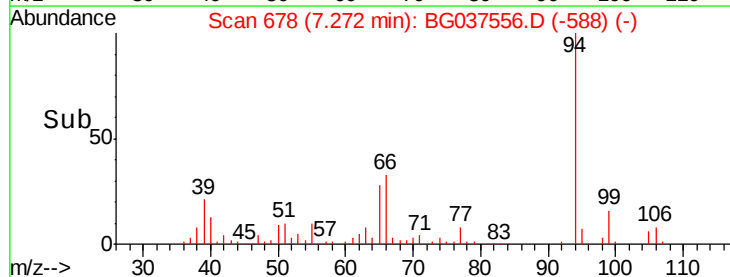
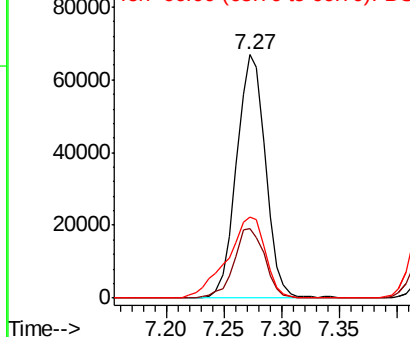
94 100

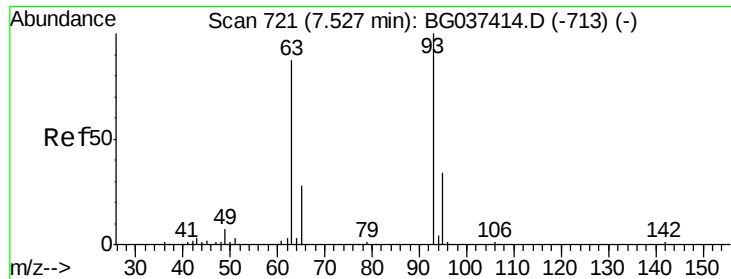
65 28.4 9.7 49.7

66 33.2 15.9 55.9



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

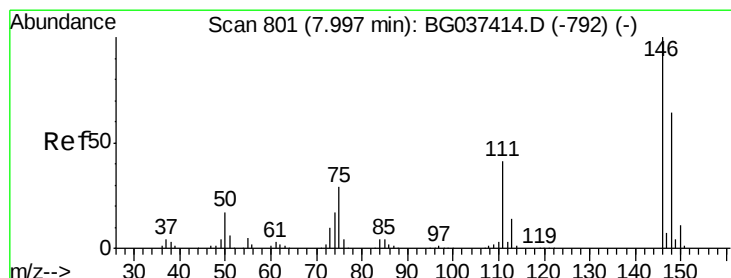
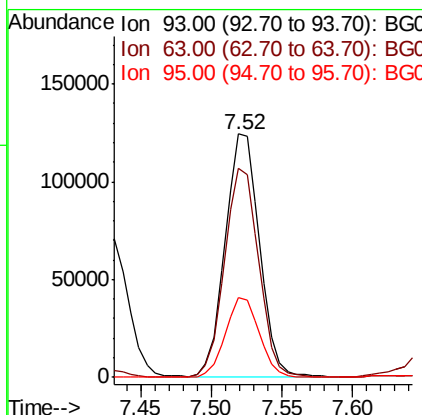
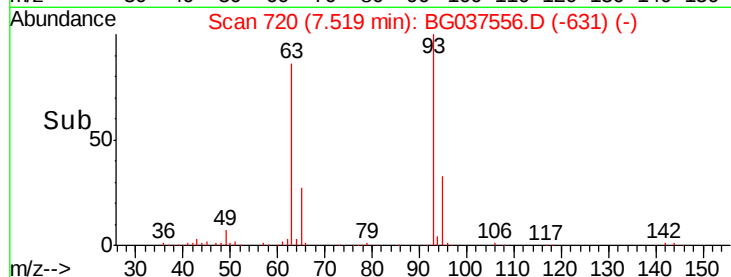
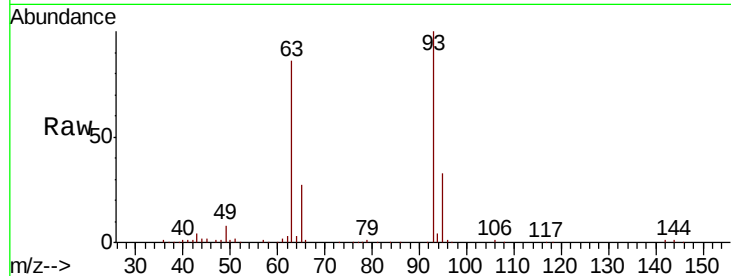




#11
bis(2-Chloroethyl)ether
Concen: 41.853 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

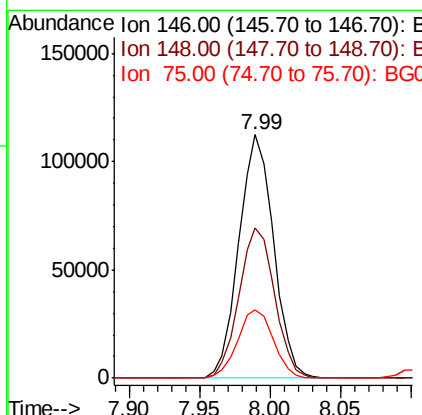
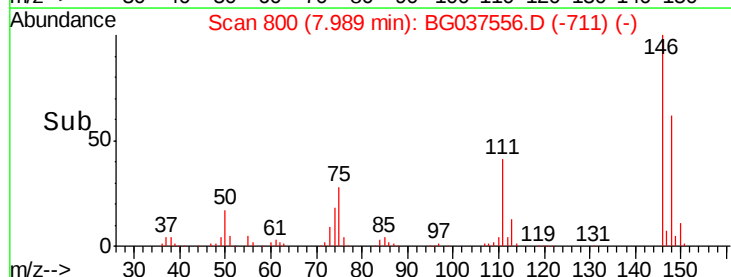
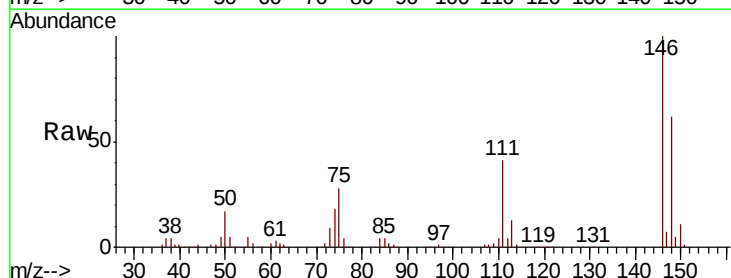
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion: 93 Resp: 211729
Ion Ratio Lower Upper
93 100
63 85.6 69.5 109.5
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 35.549 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion: 146 Resp: 193283
Ion Ratio Lower Upper
146 100
148 61.9 49.8 74.8
75 27.8 23.2 34.8

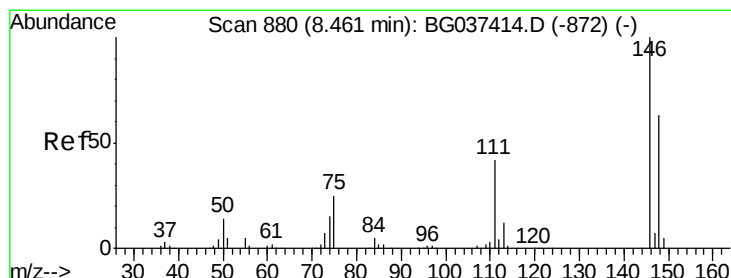
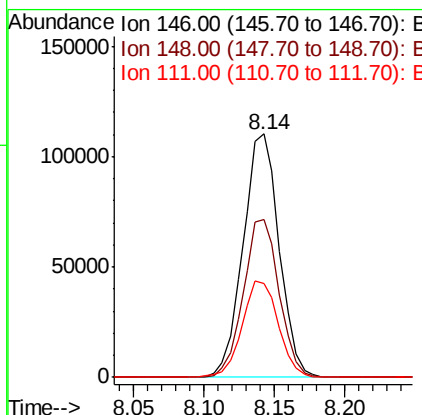
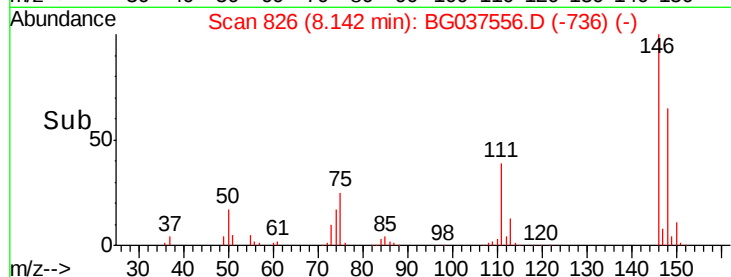
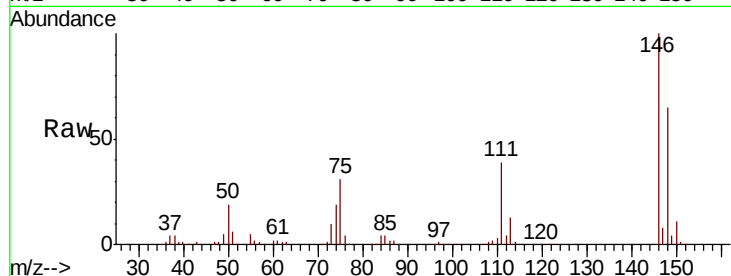




#13
 1,4-Dichlorobenzene
 Concen: 35.467 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

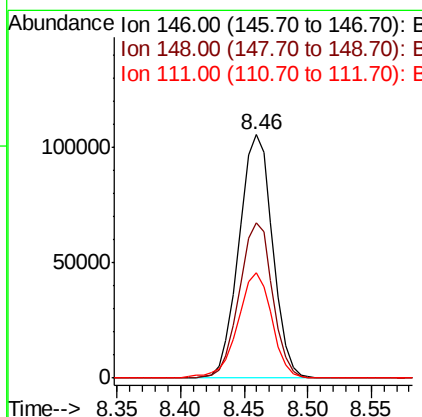
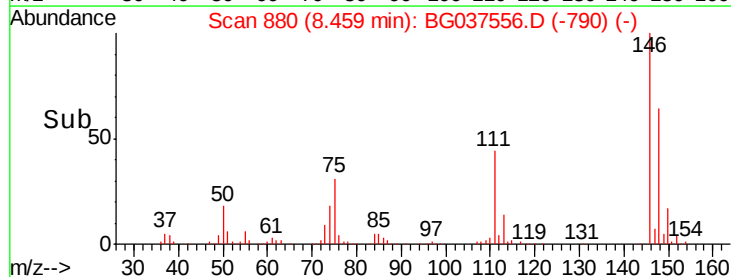
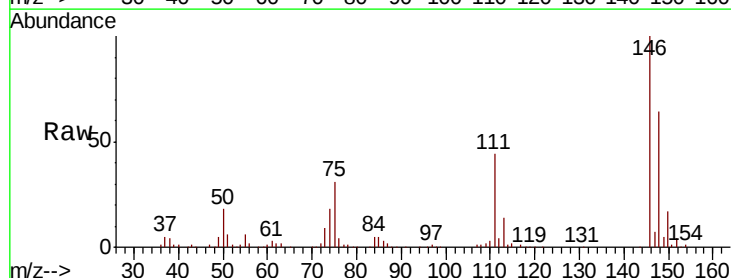
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

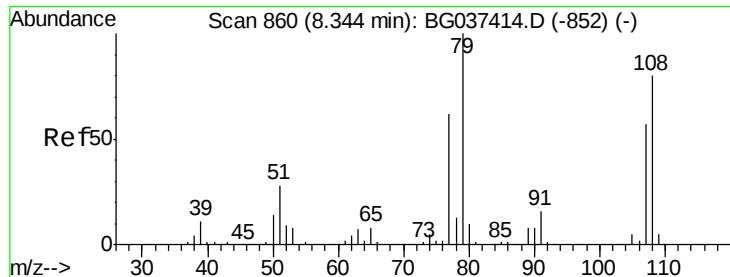
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	38.6	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 36.195 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 29.017 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

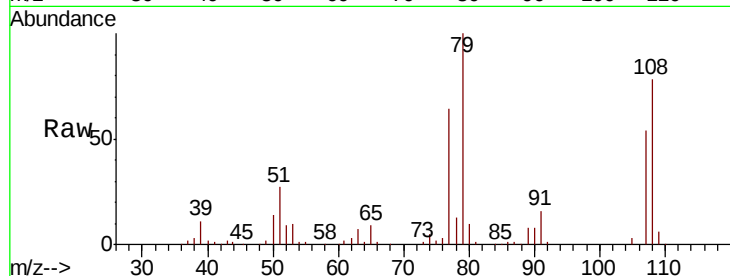
Tot Ion: 79 Resp: 135350

Ion Ratio Lower Upper

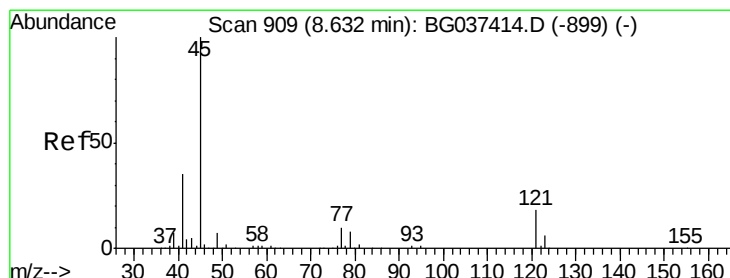
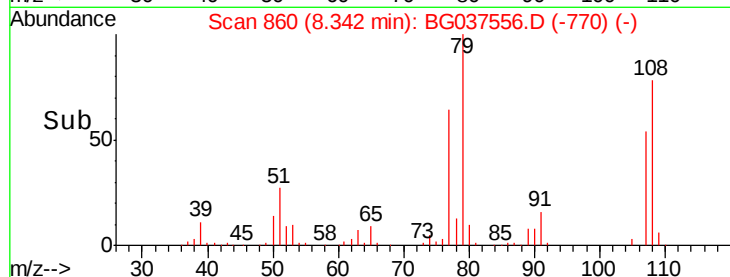
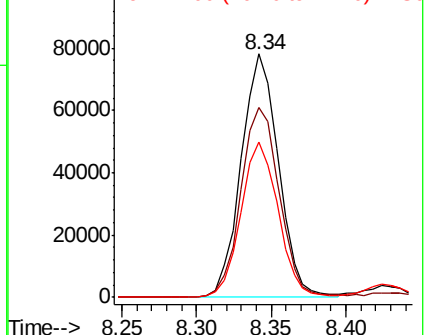
79 100

108 78.0 65.8 98.8

77 63.9 52.9 79.3



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: 43.090 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

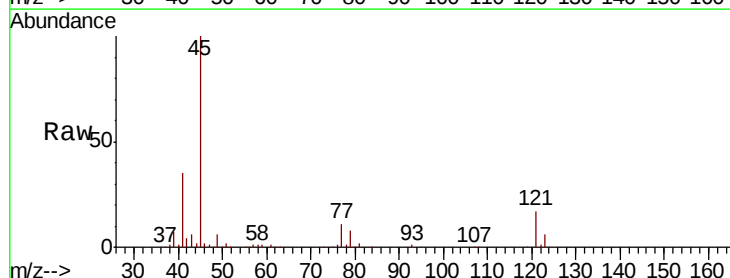
Tgt Ion: 45 Resp: 390043

Ion Ratio Lower Upper

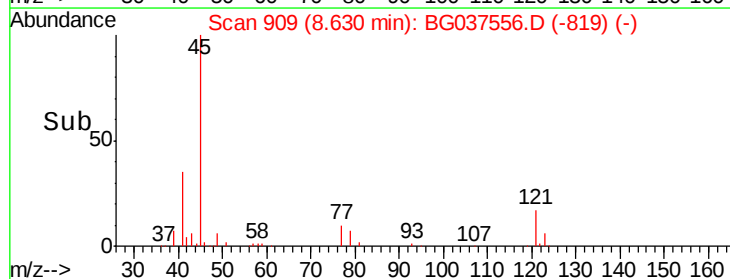
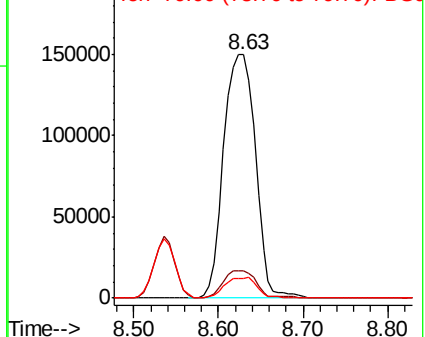
45 100

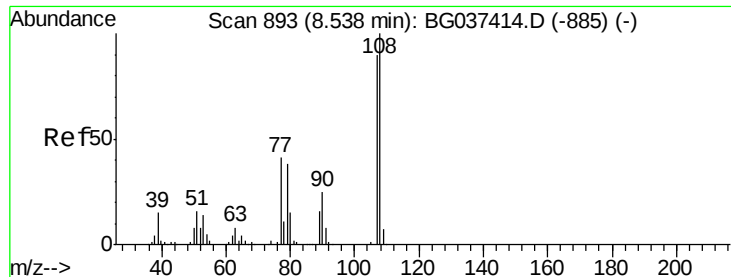
77 11.0 0.0 30.0

79 8.1 0.0 29.0



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

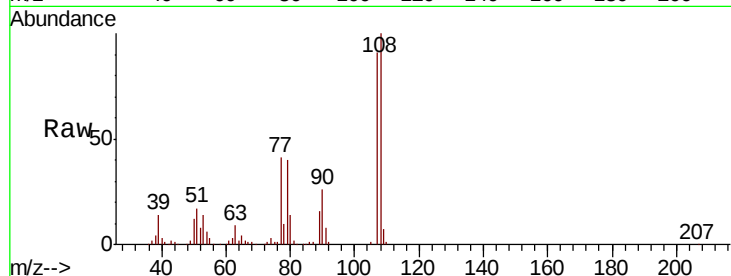




#17
2-Methylphenol
Concen: 33.821 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.9	131.9
77	44.9	35.1	52.7
79	43.5	34.5	51.7



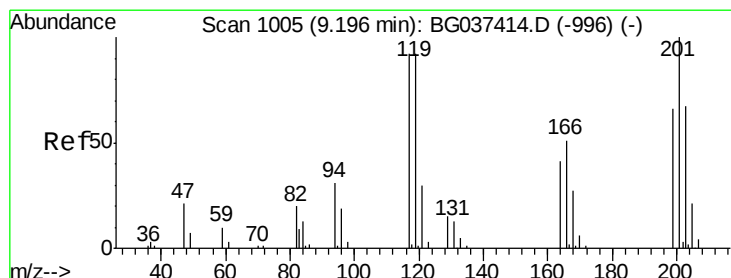
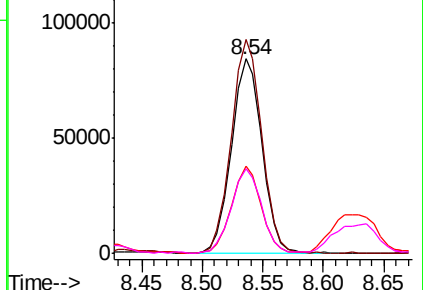
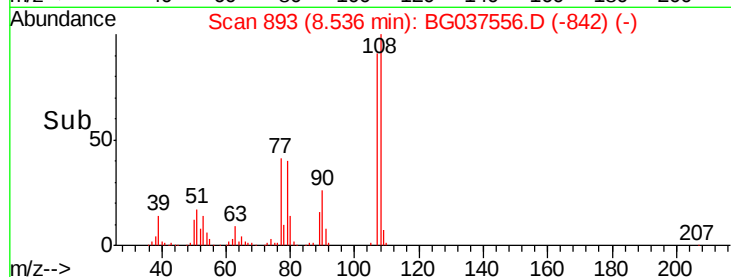
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

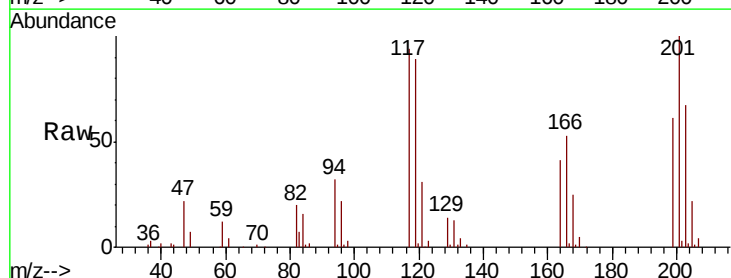
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.448 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	111.8
201	109.9	80.8	121.2

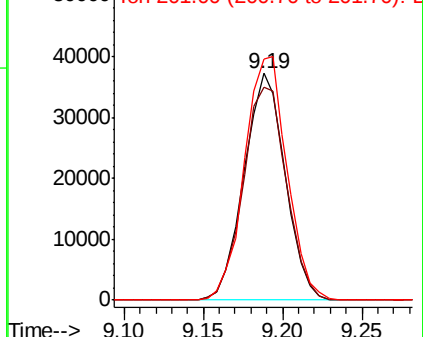
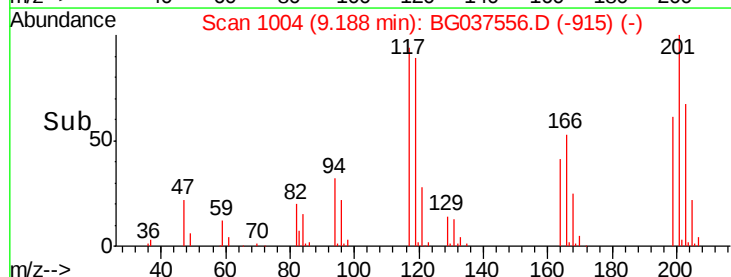


Abundance

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

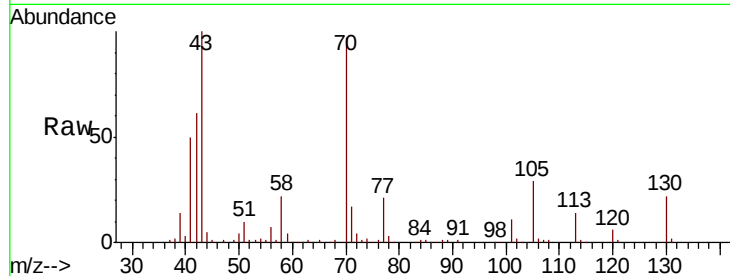




#19
n-Nitroso-di-n-propylamine
Concen: 42.013 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:	70	Resp:	182637
Ion	Ratio	Lower	Upper
70	100		
42	62.3	53.9	80.9
101	10.9	8.2	12.2
130	22.1	18.2	27.4



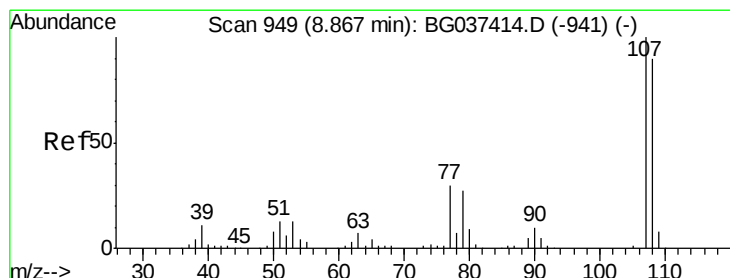
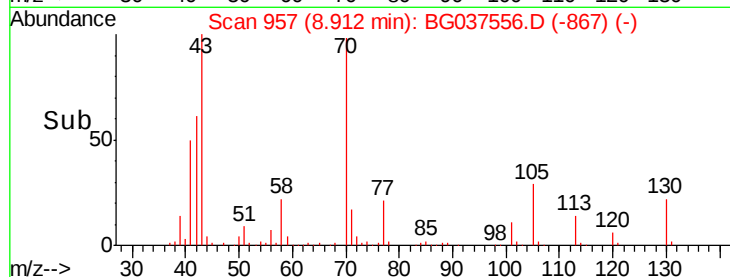
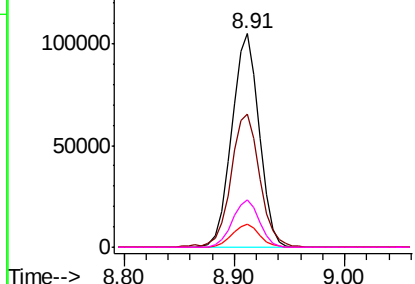
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

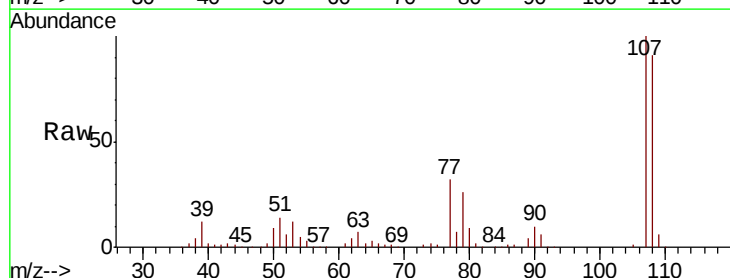
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 29.630 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:	107	Resp:	186548
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	31.6	11.2	51.2
79	25.6	6.6	46.6



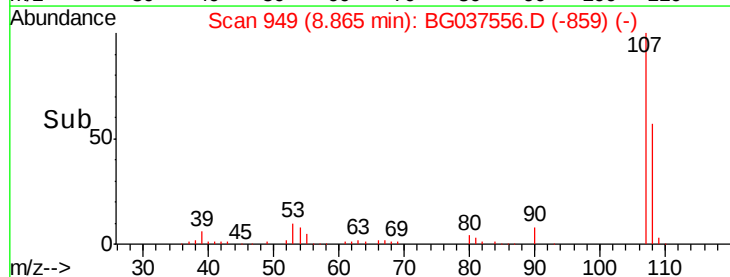
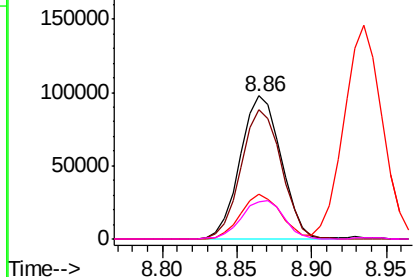
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

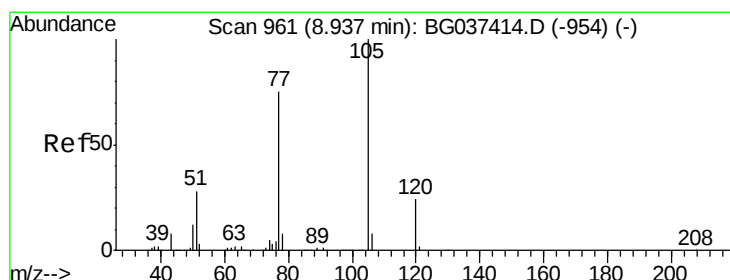
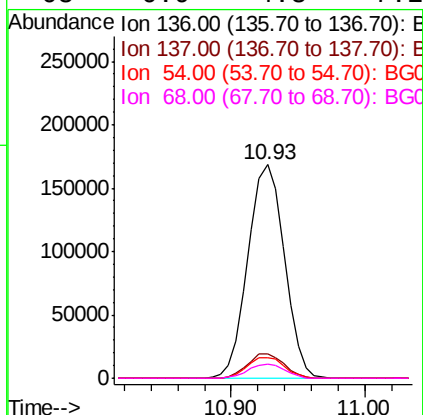
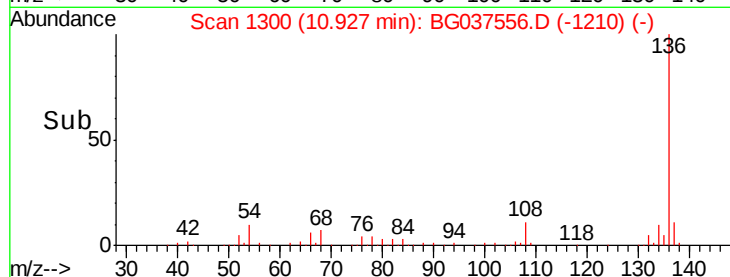
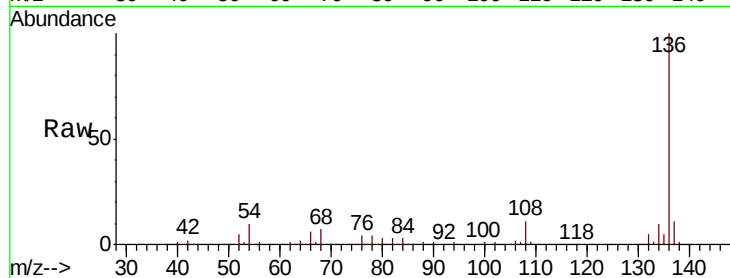




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

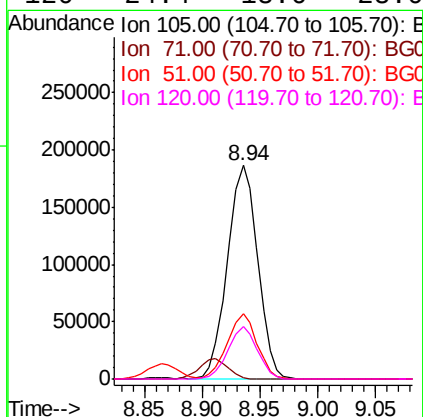
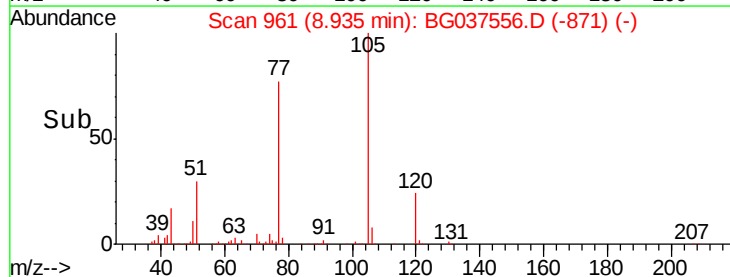
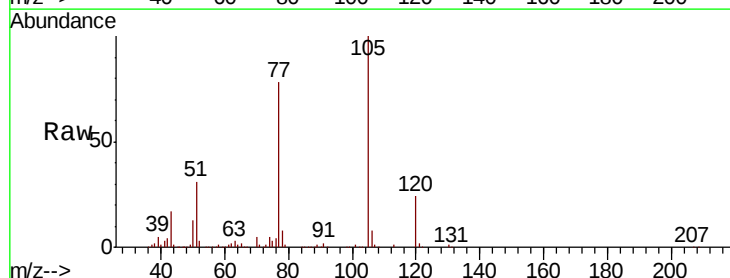
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:136	Resp:	319167
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	9.7	7.9 11.9
68	6.9	4.8 7.2



#22
Acetophenone
Concen: 42.280 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:105	Resp:	338429
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	30.7	25.0 37.6
120	24.4	18.6 28.0

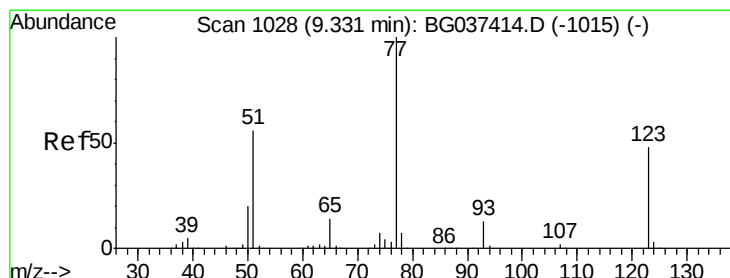
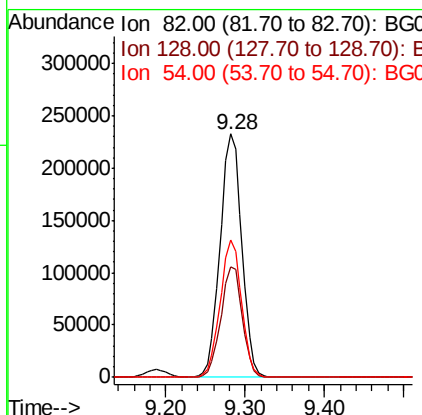
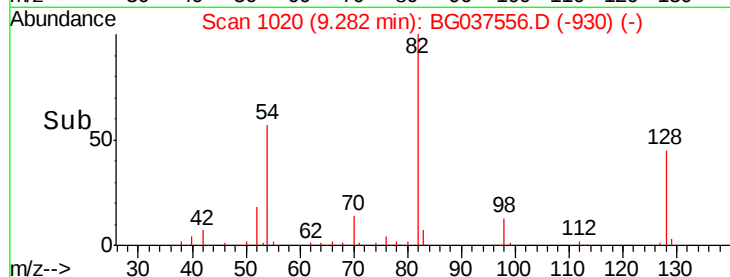
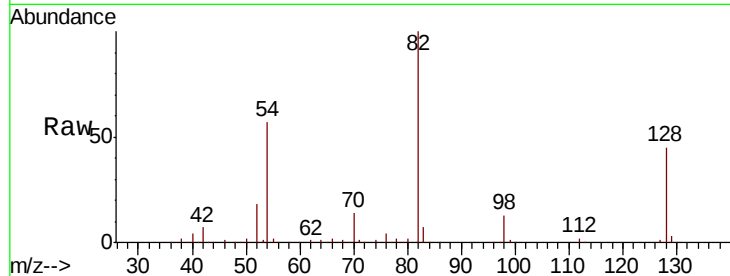




#23
 Nitrobenzene-d5
 Concen: 77.396 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

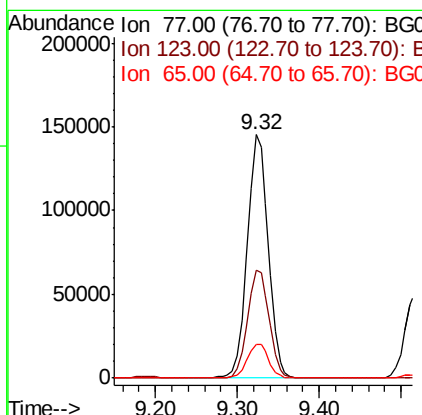
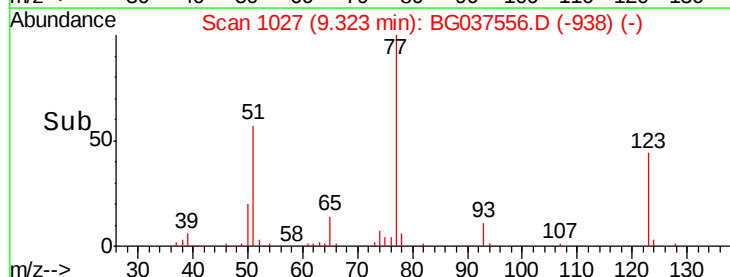
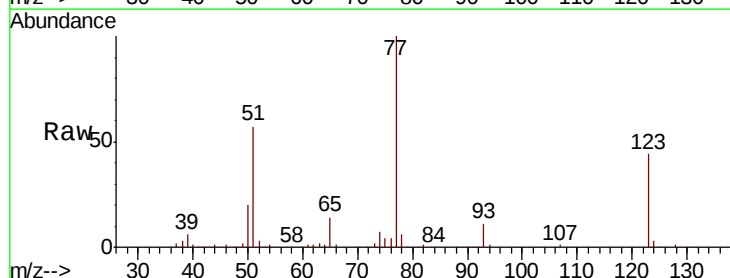
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

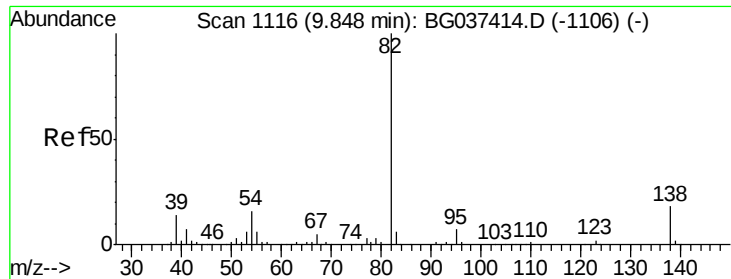
Tot Ion	82	Resp	440964
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.6	51.8
54	56.6	45.3	67.9



#24
 Nitrobenzene
 Concen: 43.678 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	77	Resp	258522
Ion Ratio	Lower	Upper	
77	100		
123	44.1	33.6	50.4
65	13.6	11.3	16.9





#25

Isophorone

Concen: 50.701 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

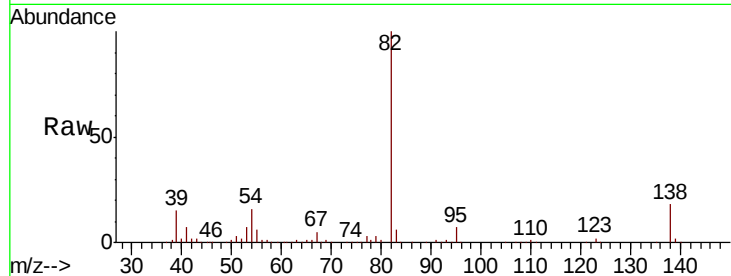
Tot Ion: 82 Resp: 527813

Ion Ratio Lower Upper

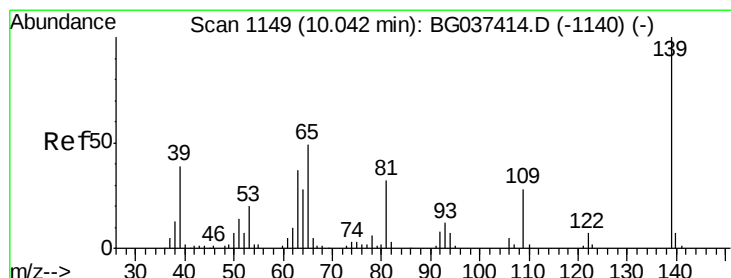
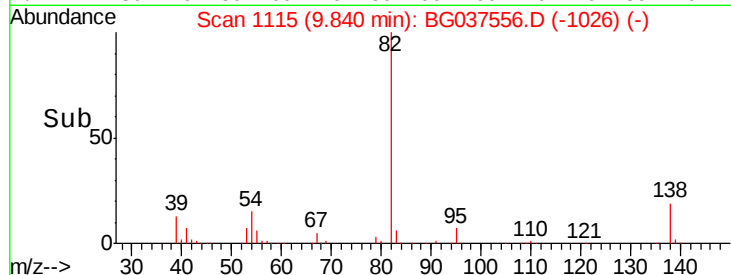
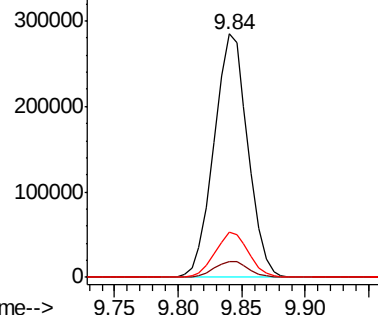
82 100

95 6.5 5.3 7.9

138 18.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 46.500 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

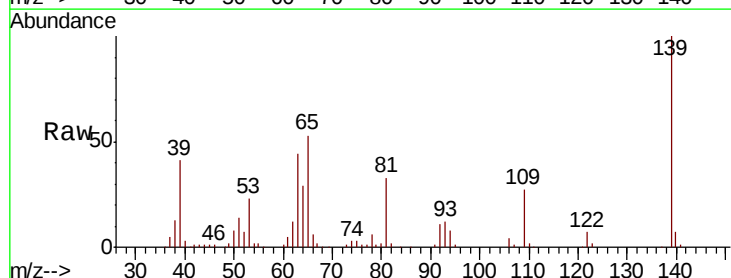
Tgt Ion: 139 Resp: 123987

Ion Ratio Lower Upper

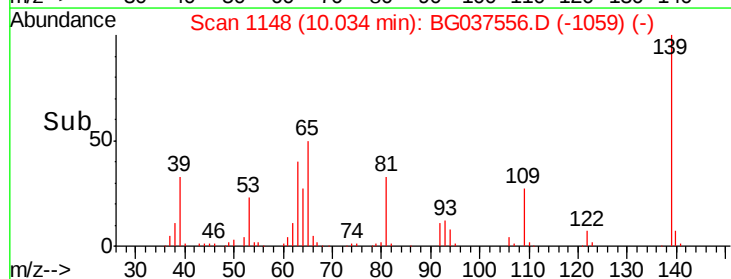
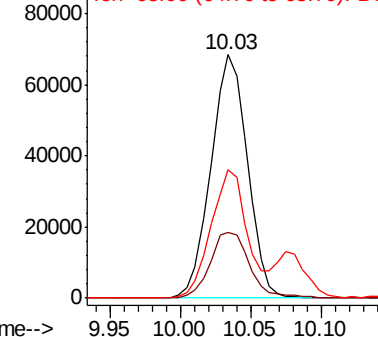
139 100

109 27.1 23.3 34.9

65 52.5 39.8 59.8



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

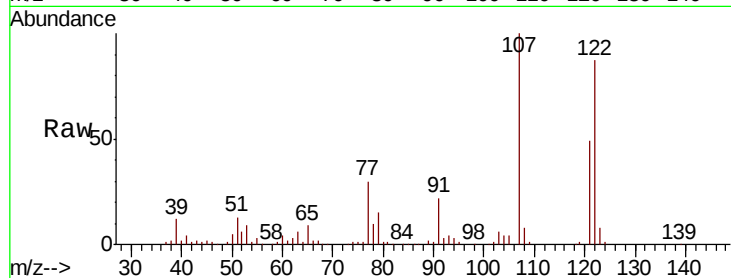




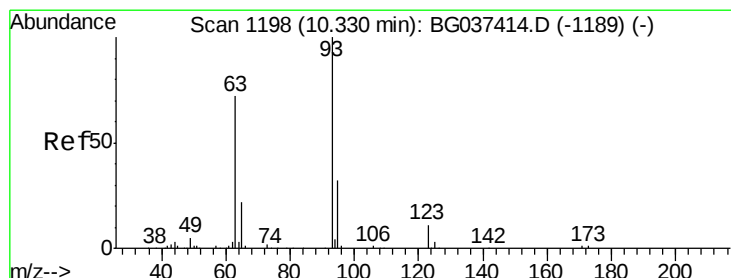
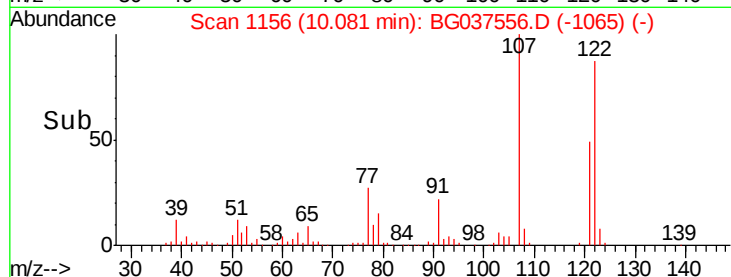
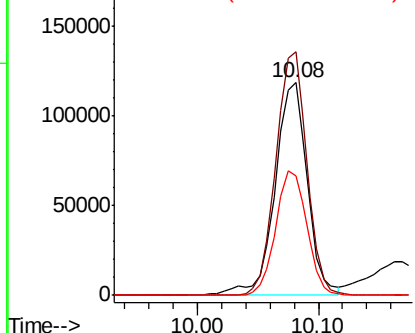
#27
2,4-Dimethylphenol
Concen: 46.031 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:122 Resp: 219144
Ion Ratio Lower Upper
122 100
107 114.5 94.2 141.2
121 56.4 47.3 70.9

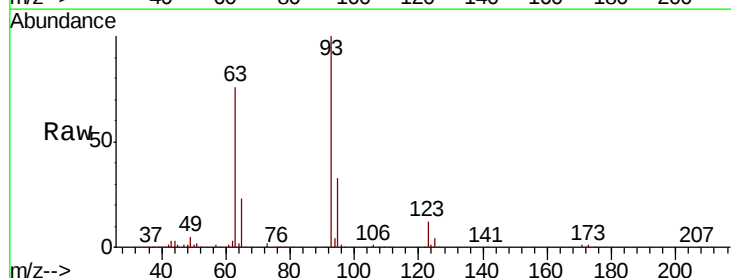


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

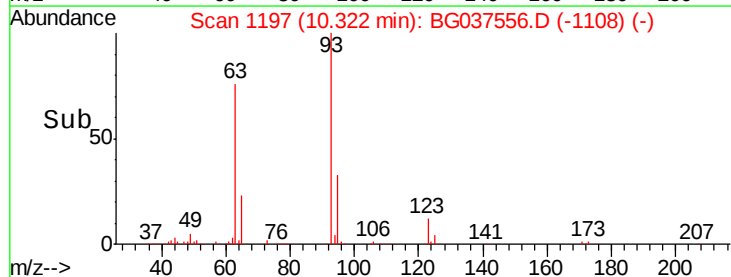
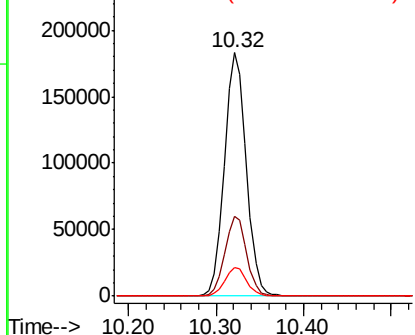


#28
bis(2-Chloroethoxy)methane
Concen: 46.068 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion: 93 Resp: 314213
Ion Ratio Lower Upper
93 100
95 33.0 24.6 37.0
123 11.8 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

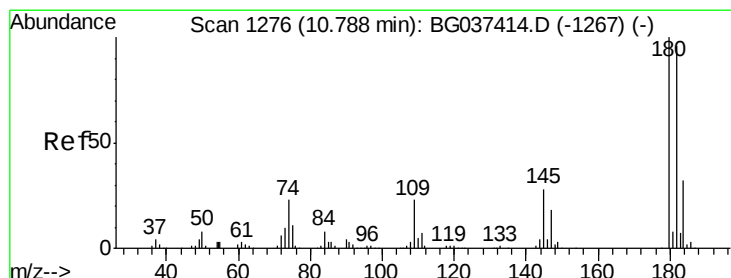
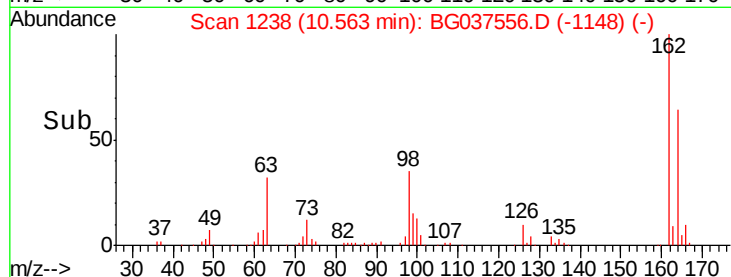
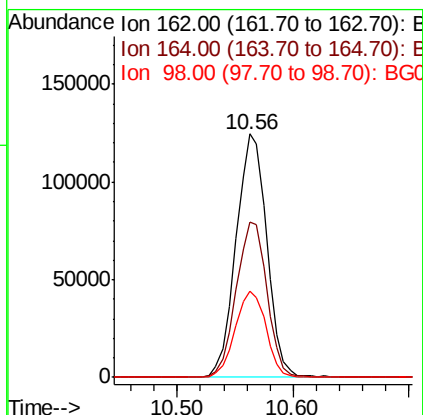
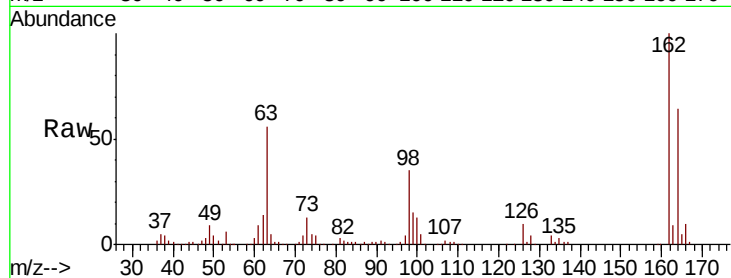




#29
 2,4-Dichlorophenol
 Concen: 43.309 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

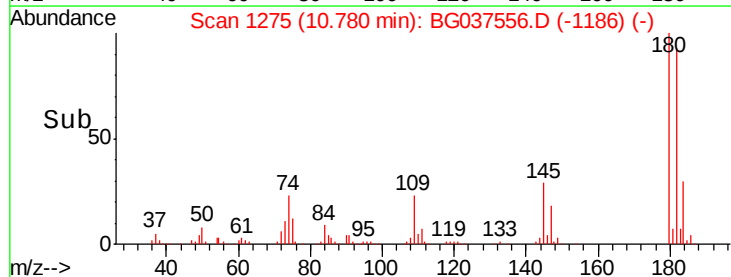
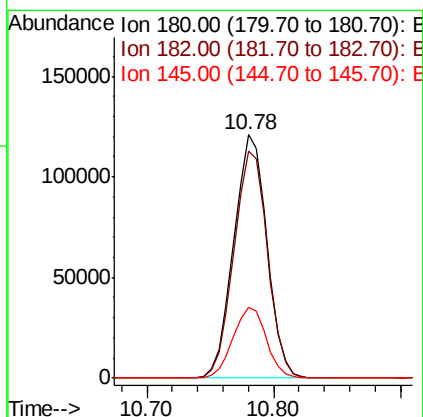
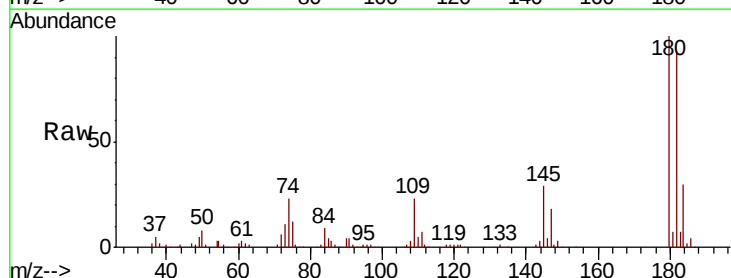
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

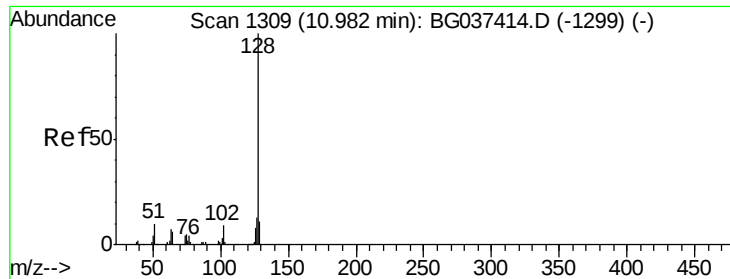
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.2	83.2
98	35.5	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.065 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.7	116.5
145	29.2	23.3	34.9

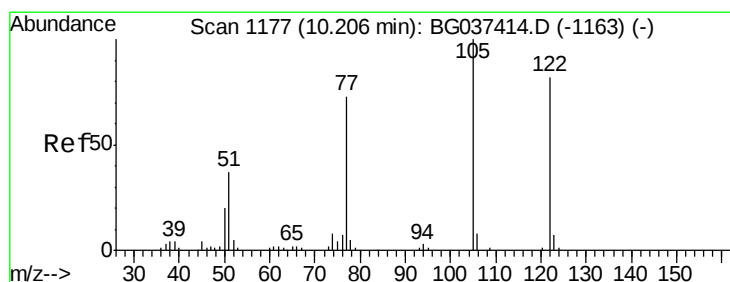
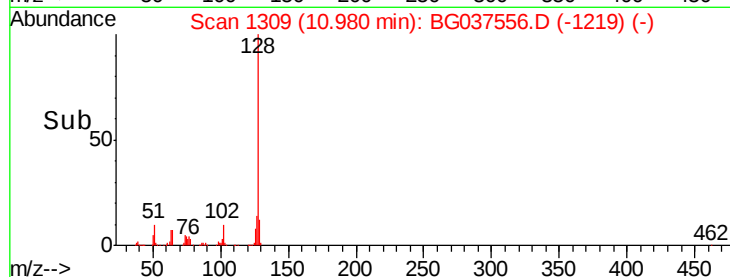
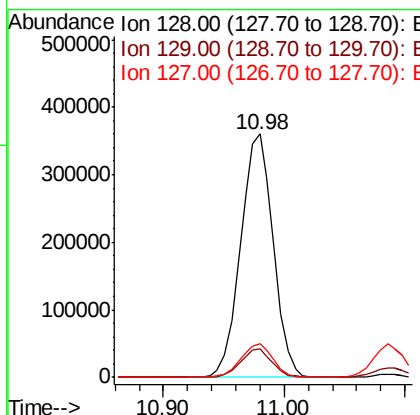
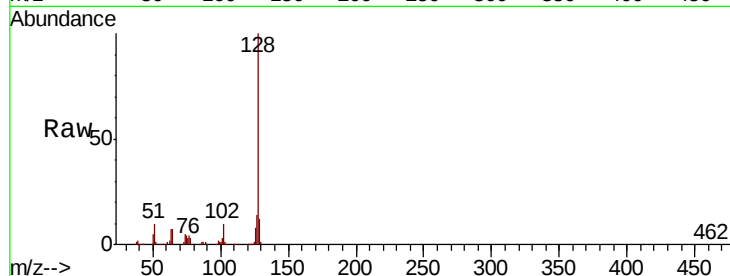




#31
Naphthalene
Concen: 42.963 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

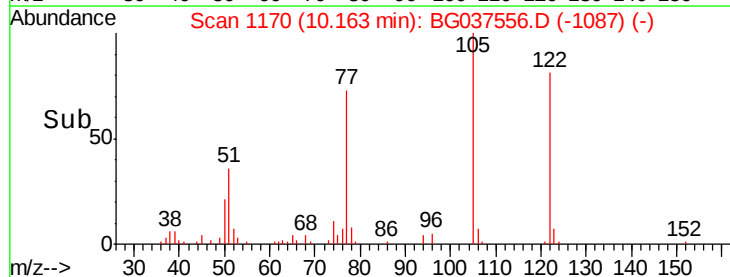
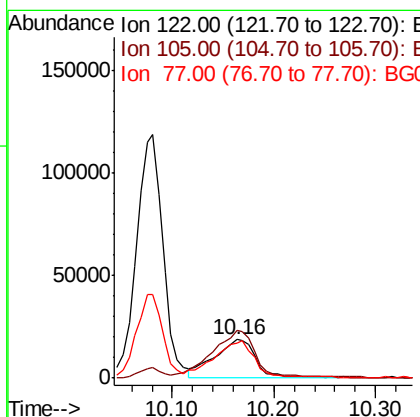
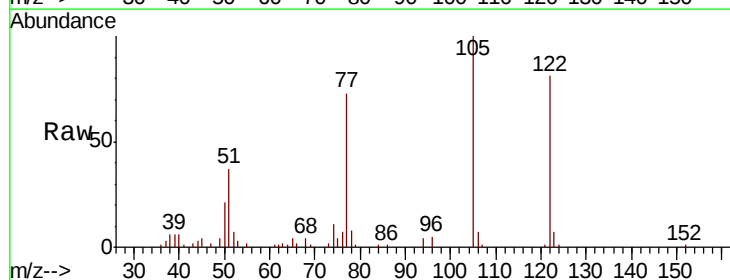
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.9	11.1	16.7



#32
Benzoic acid
Concen: 16.910 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	106.7	146.7
77	91.1	72.2	112.2

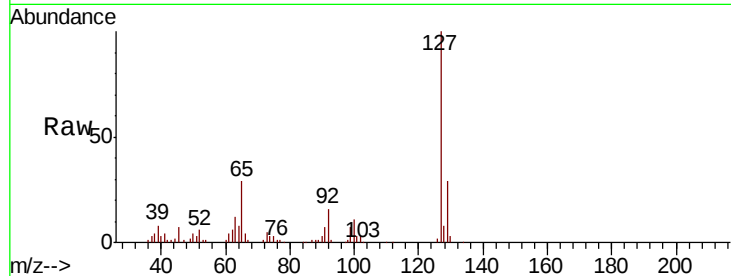




#33
4-Chloroaniline
Concen: 12.086 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:	127	Resp:	89026
Ion	Ratio	Lower	Upper
127	100		
129	29.3	27.1	40.7
65	29.0	26.6	39.8
92	16.4	16.4	24.6



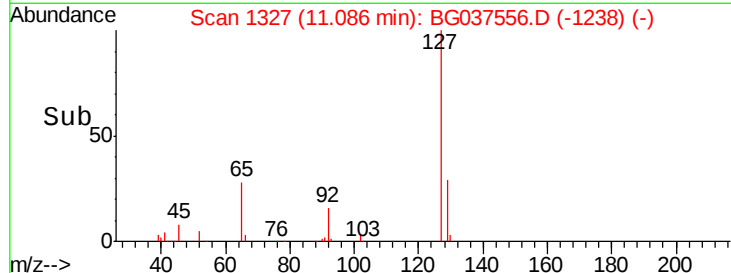
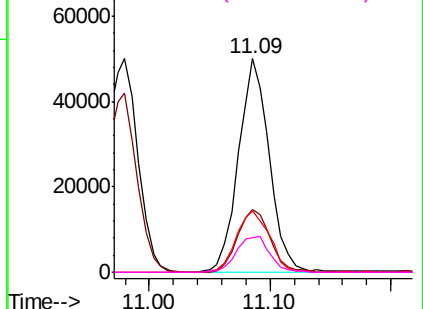
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

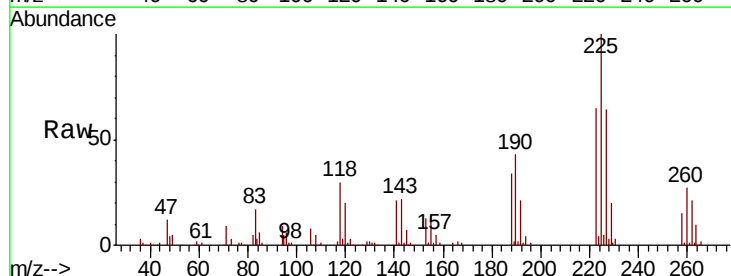
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.433 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:	225	Resp:	121052
Ion	Ratio	Lower	Upper
225	100		
223	66.5	48.2	72.4
227	64.0	51.6	77.4

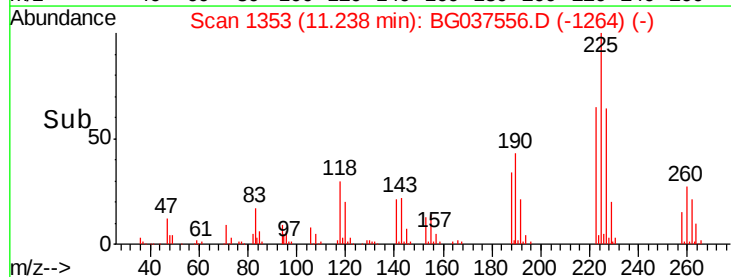
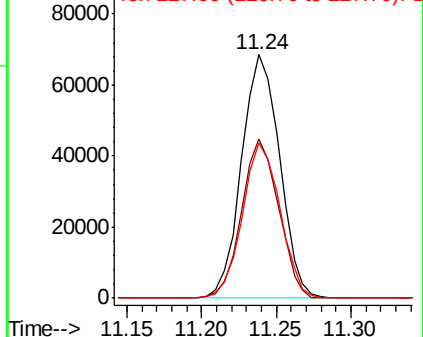


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.501 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

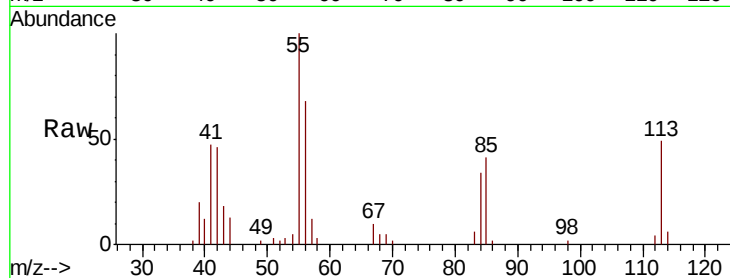
Tot Ion:113 Resp: 9568

Ion Ratio Lower Upper

113 100

55 202.3 176.6 216.6

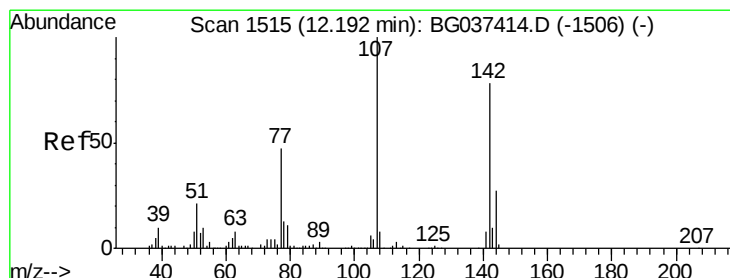
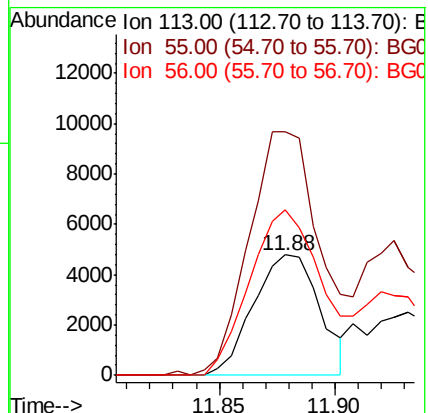
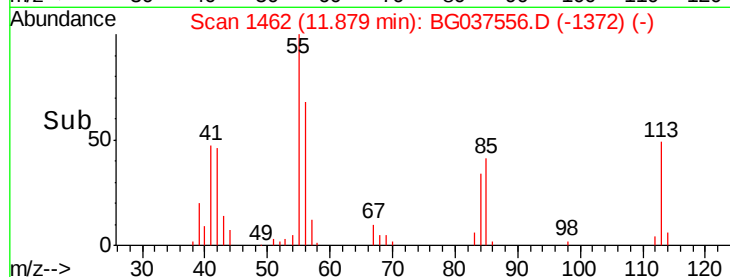
56 137.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037556.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037556.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.738 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

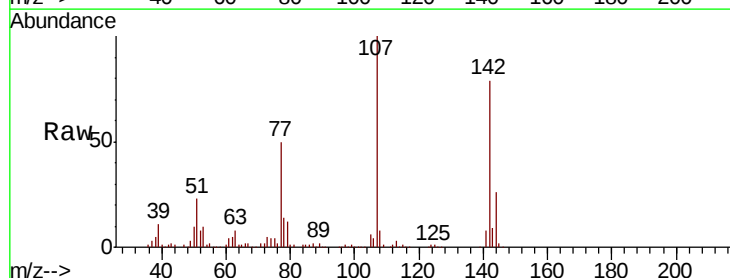
Tgt Ion:107 Resp: 243529

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

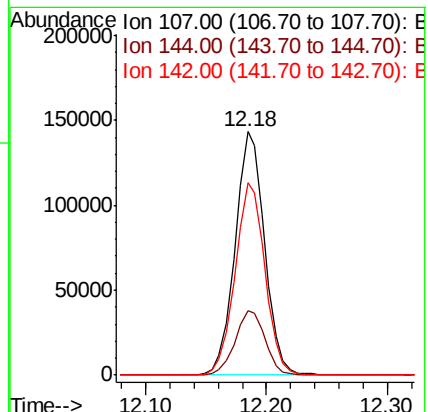
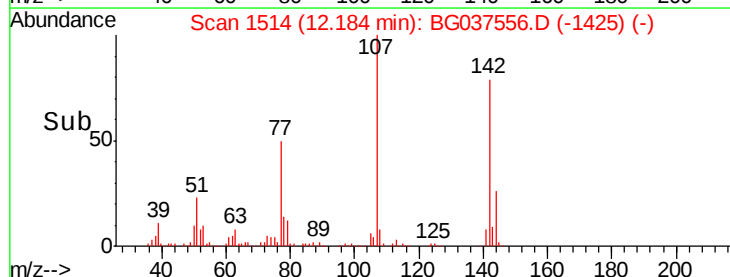
142 79.1 64.4 96.6

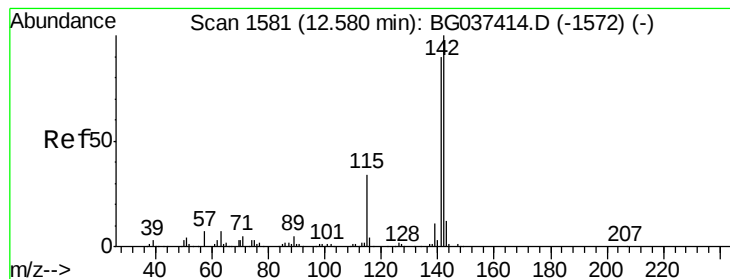


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.795 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

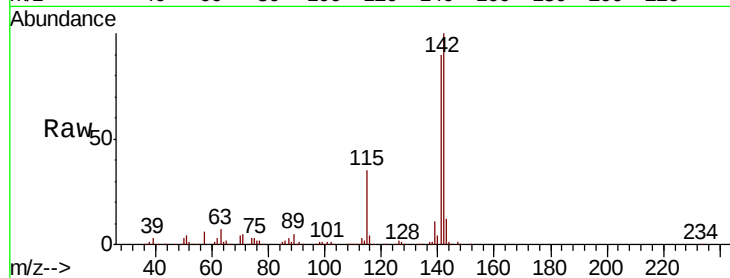
Tot Ion:142 Resp: 534762

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

115 34.6 27.8 41.8

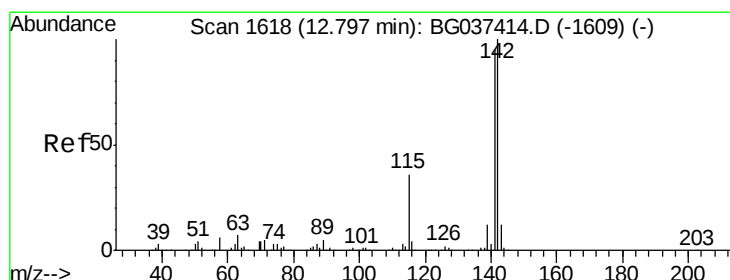
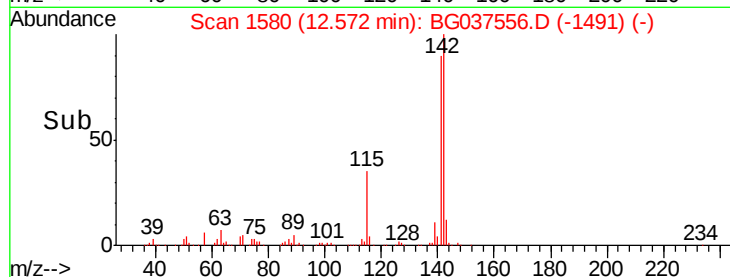
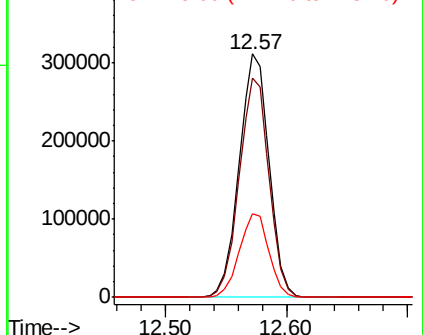


Abundance

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: 46.014 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

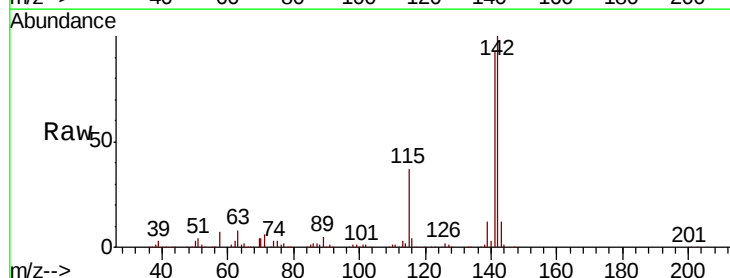
Tgt Ion:142 Resp: 510661

Ion Ratio Lower Upper

142 100

141 93.5 75.2 112.8

116 4.0 3.3 4.9

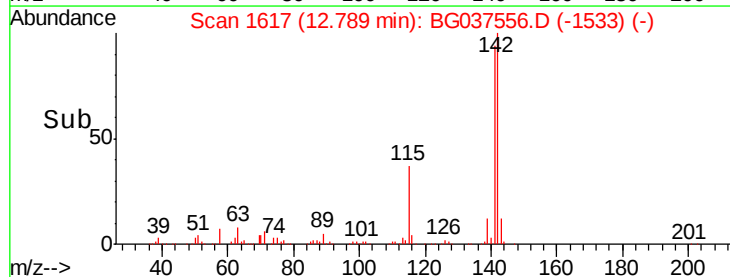
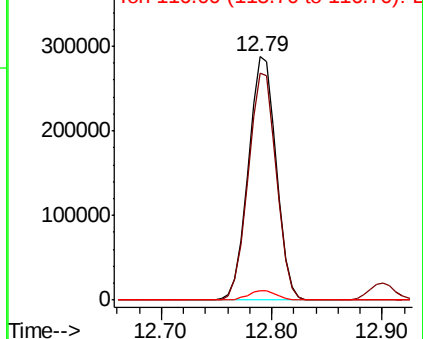


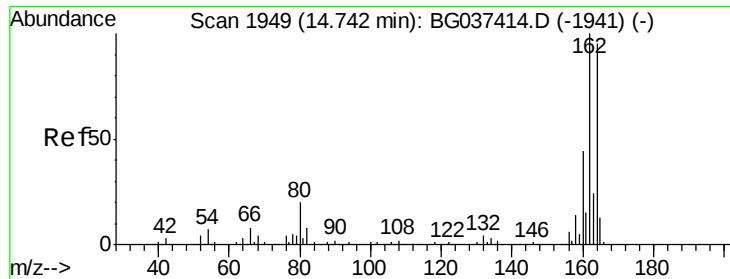
Abundance

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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

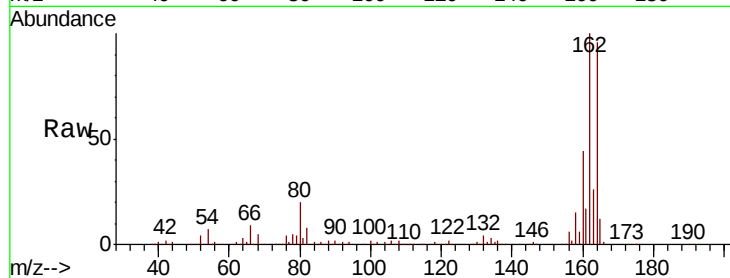
Tot Ion:164 Resp: 208635

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

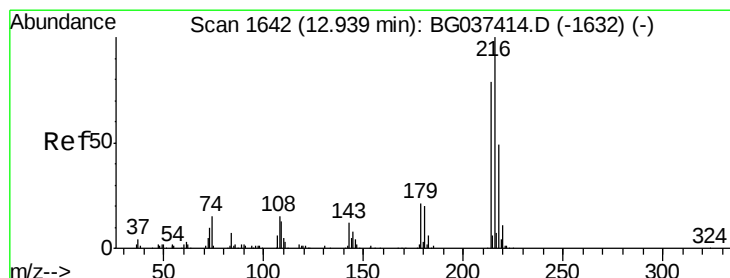
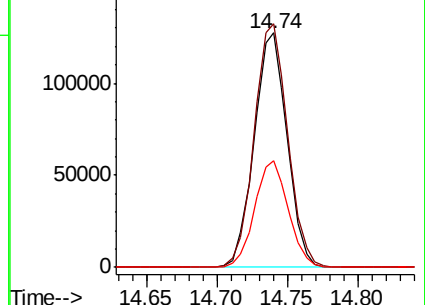
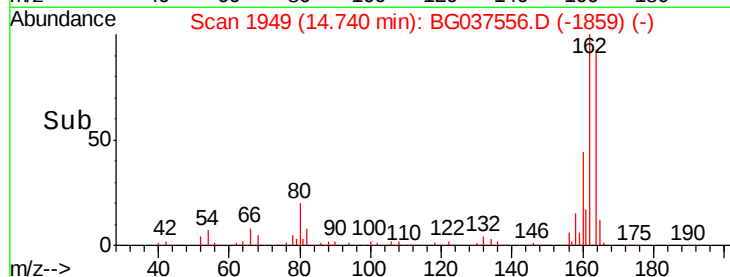
160 45.4 36.3 54.5



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: 40.175 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:216 Resp: 270359

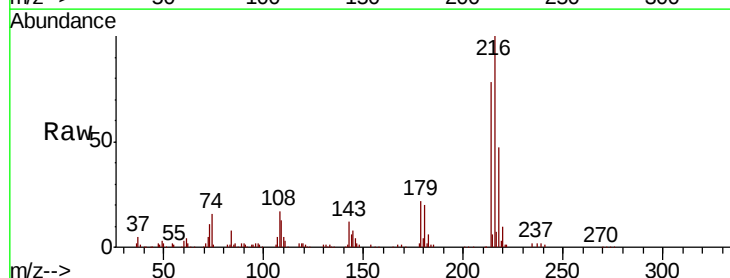
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.3 17.4 26.0

108 19.1 13.9 20.9

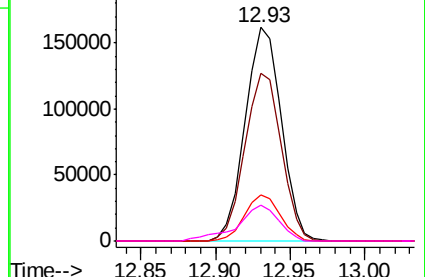
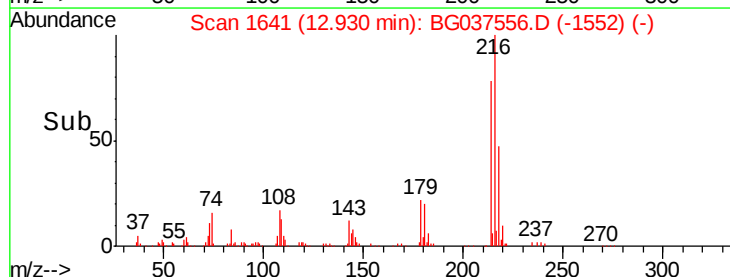


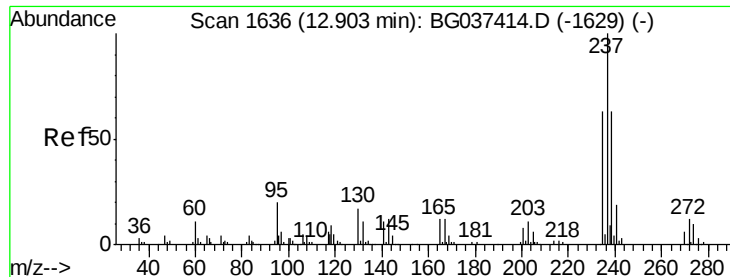
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.991 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

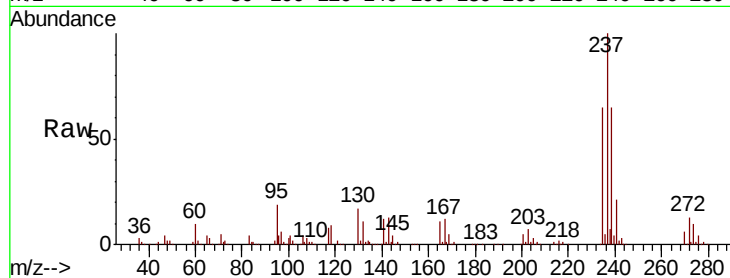
Tot Ion:237 Resp: 286068

Ion Ratio Lower Upper

237 100

235 65.1 42.5 82.5

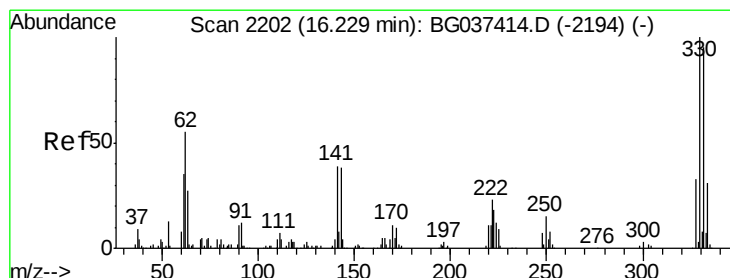
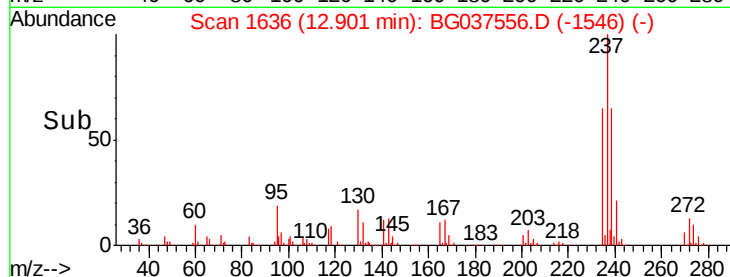
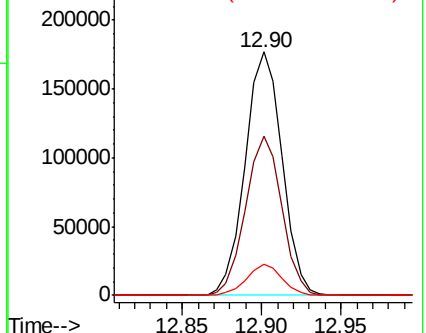
272 13.0 0.0 31.6



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: 115.704 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

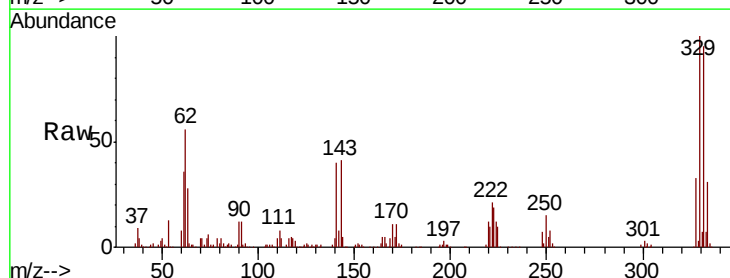
Tgt Ion:330 Resp: 263292

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

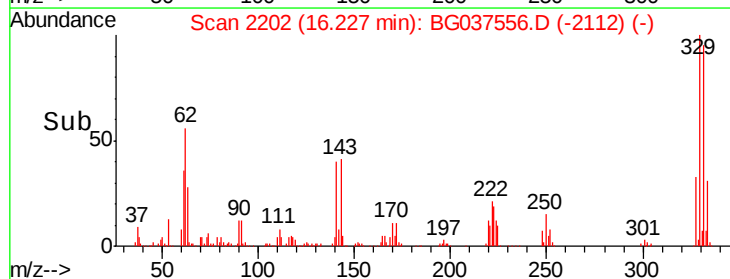
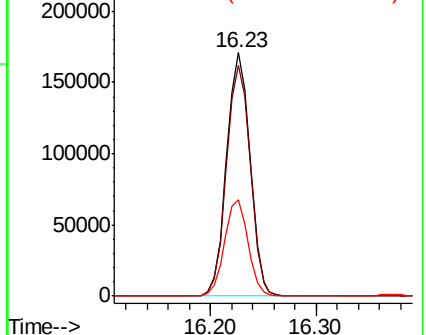
141 39.7 32.2 48.2

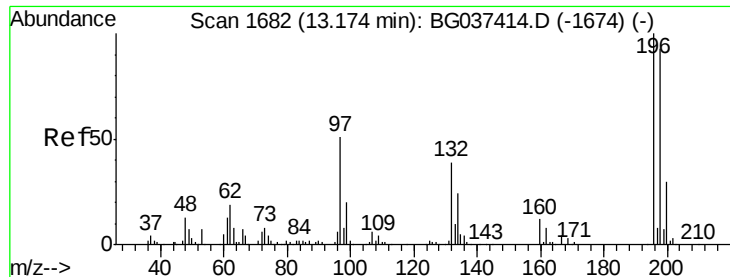


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

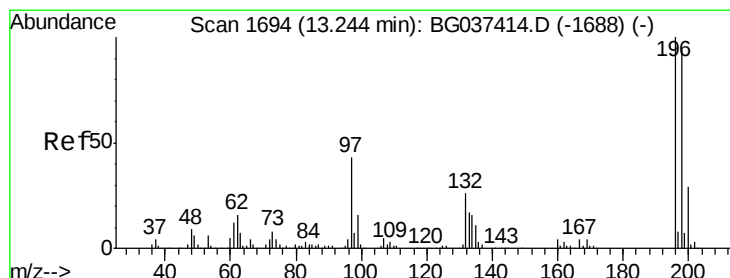
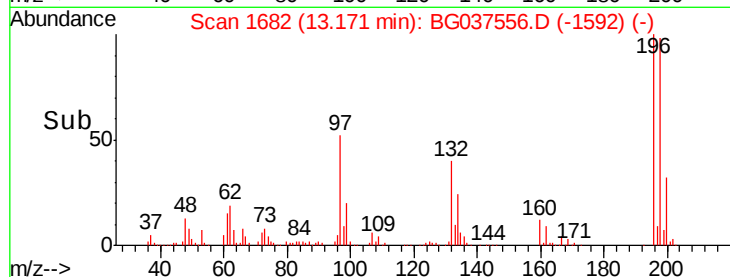
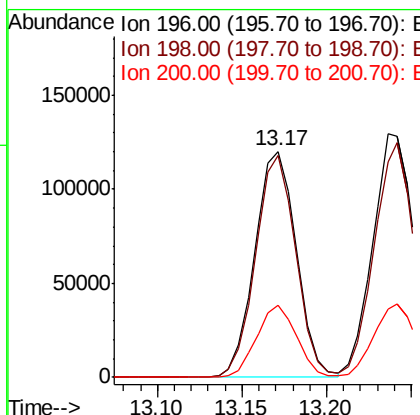
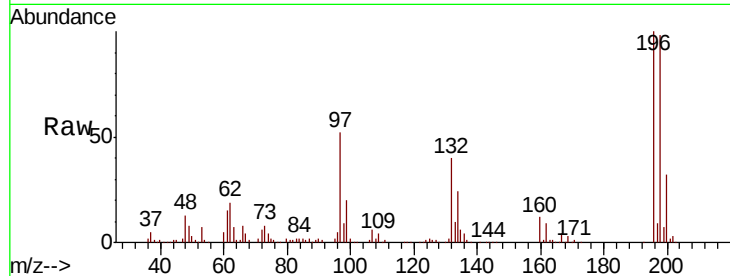




#43
 2,4,6-Trichlorophenol
 Concen: 45.670 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

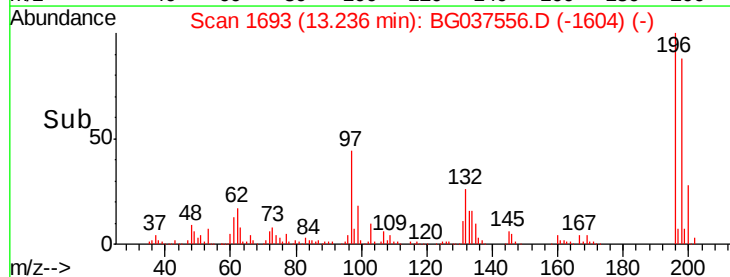
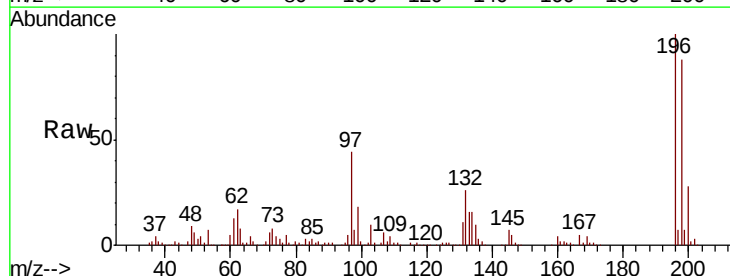
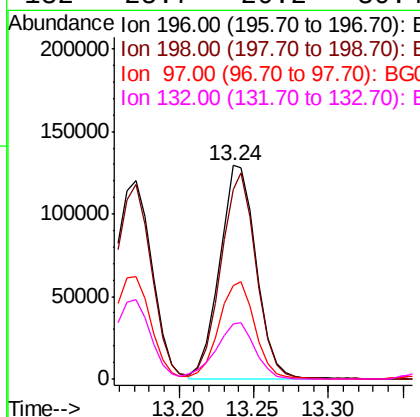
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion:196 Resp: 205328
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.4 114.6
 200 31.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.203 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion:196 Resp: 221269
 Ion Ratio Lower Upper
 196 100
 198 88.5 74.2 111.2
 97 43.7 34.1 51.1
 132 25.7 20.2 30.4

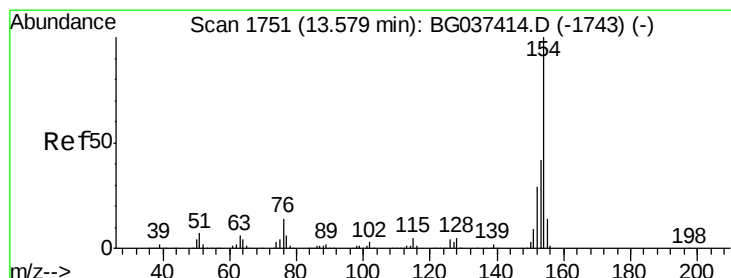
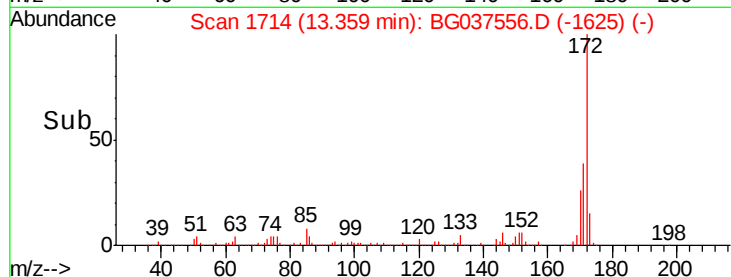
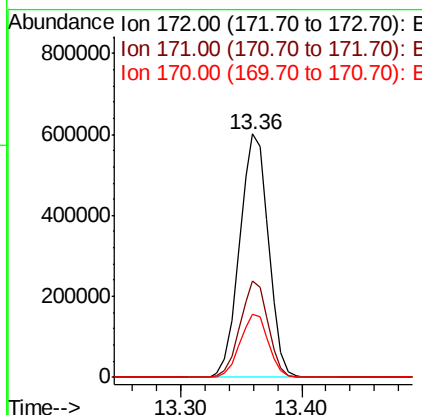
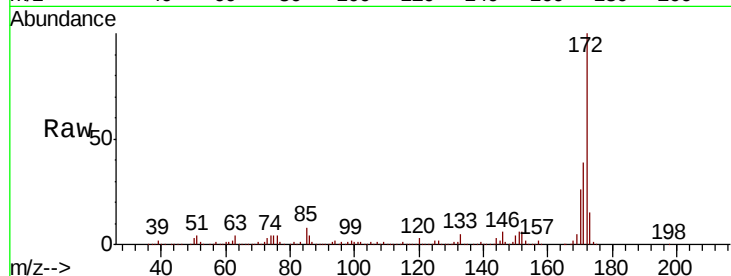




#45
2-Fluorobiphenyl
Concen: 72.164 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

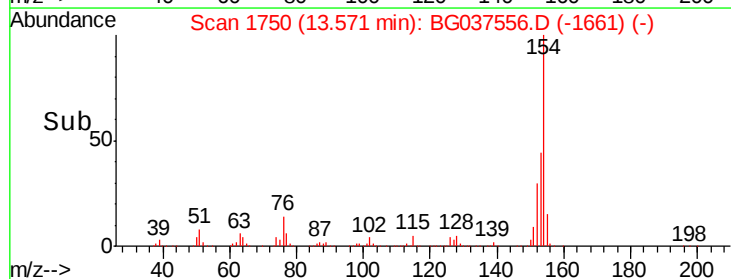
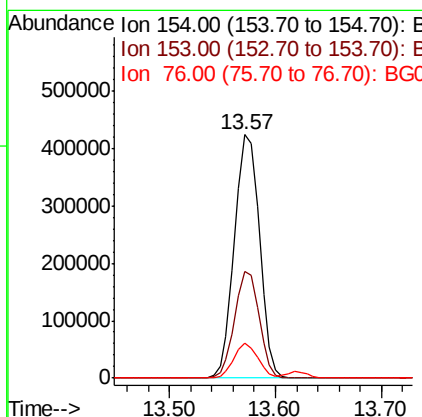
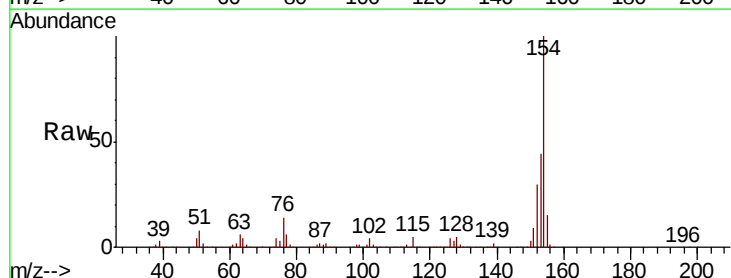
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

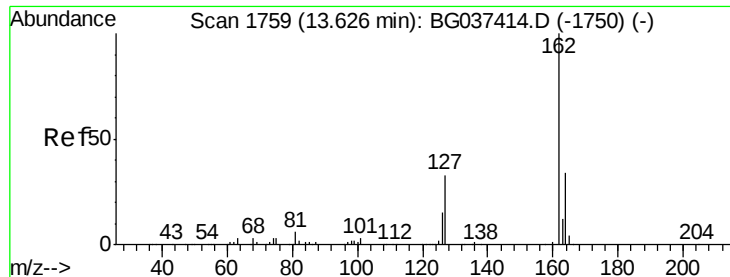
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.4
170	26.0	20.2	30.2



#46
1,1'-Biphenyl
Concen: 40.234 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	14.2	0.0	33.2

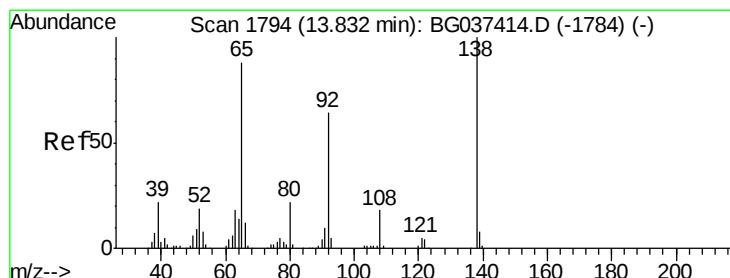
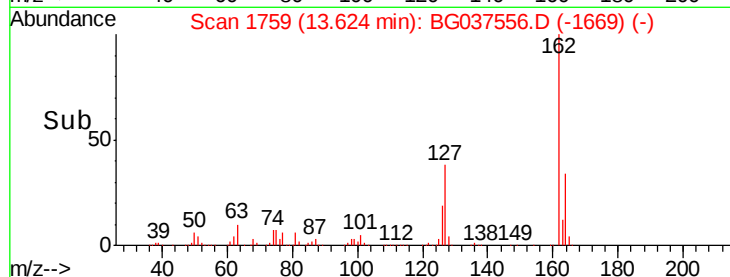
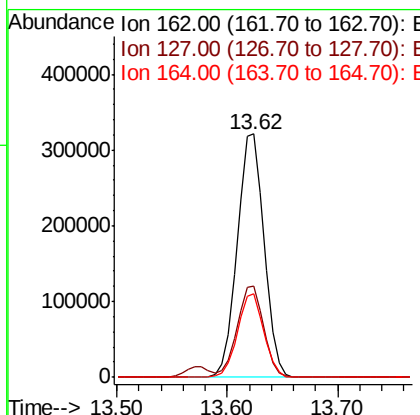
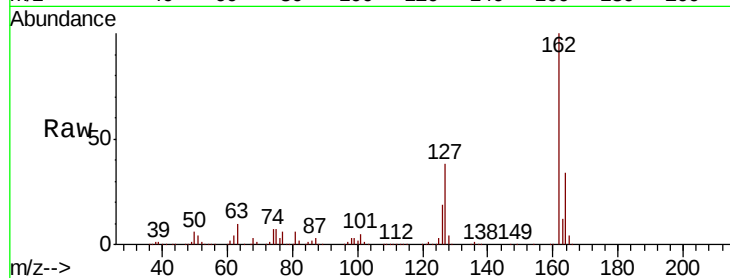




#47
2-Chloronaphthalene
Concen: 42.099 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

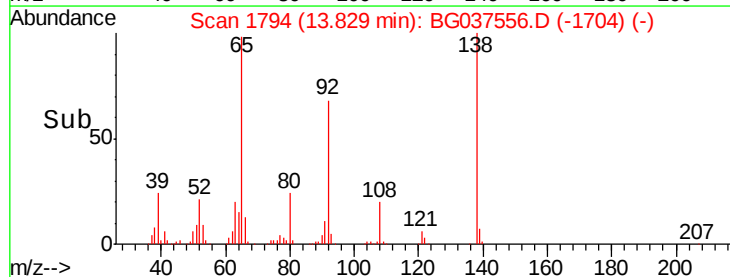
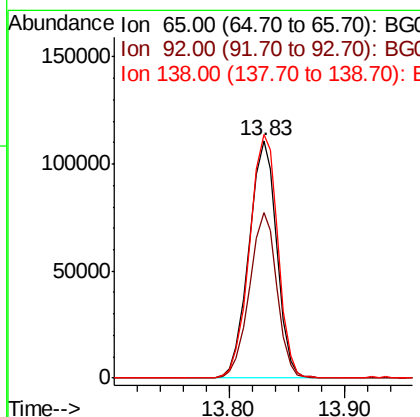
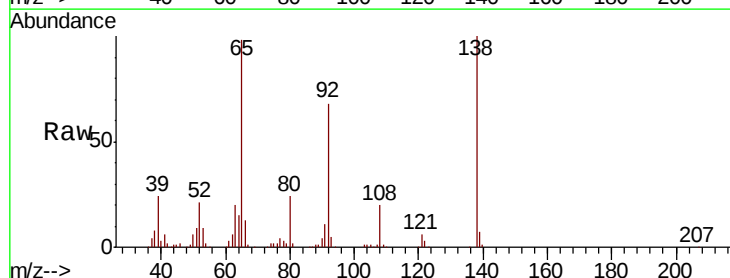
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

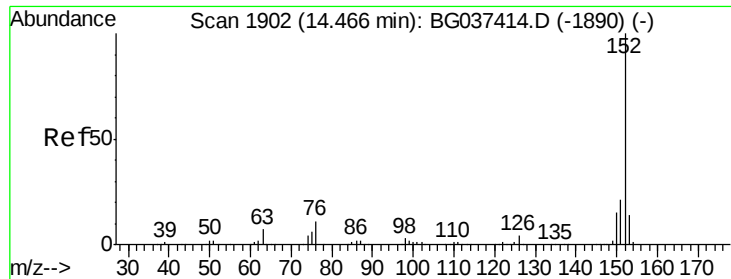
Tot Ion: 162 Resp: 550315
Ion Ratio Lower Upper
162 100
127 37.7 30.5 45.7
164 34.3 26.4 39.6



#48
2-Nitroaniline
Concen: 47.018 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion: 65 Resp: 186382
Ion Ratio Lower Upper
65 100
92 69.4 53.2 79.8
138 102.5 79.3 118.9





#49

Acenaphthylene

Concen: 46.166 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

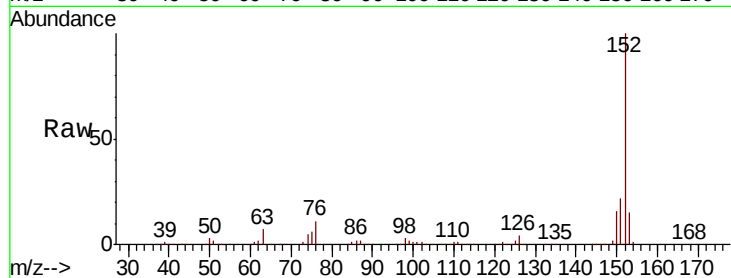
Tot Ion:152 Resp: 907804

Ion Ratio Lower Upper

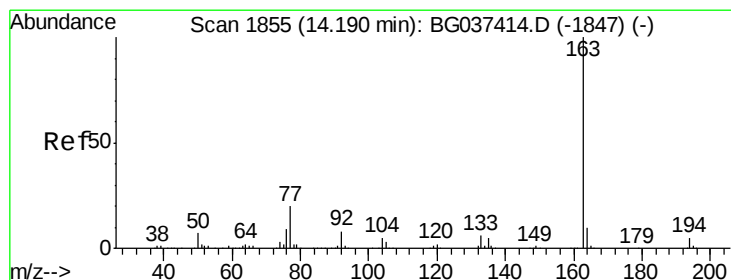
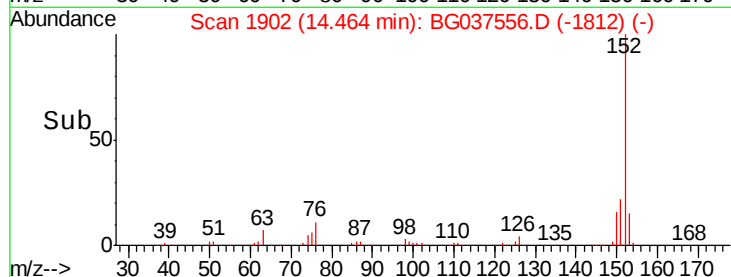
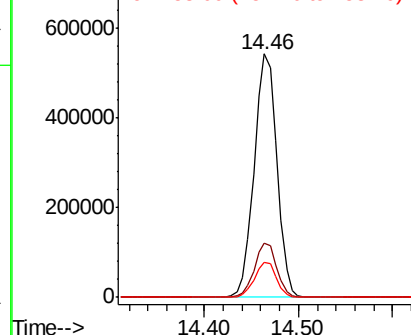
152 100

151 22.1 17.1 25.7

153 14.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.369 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

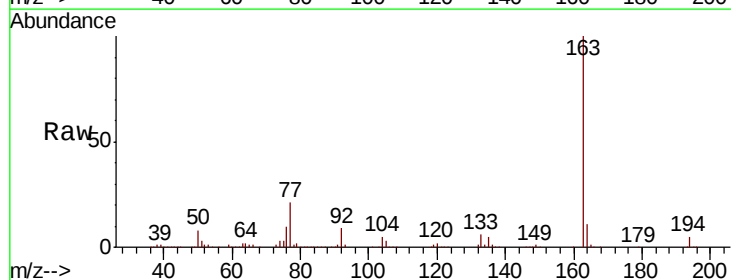
Tgt Ion:163 Resp: 748417

Ion Ratio Lower Upper

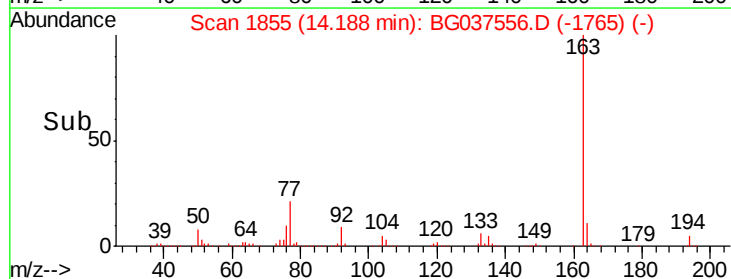
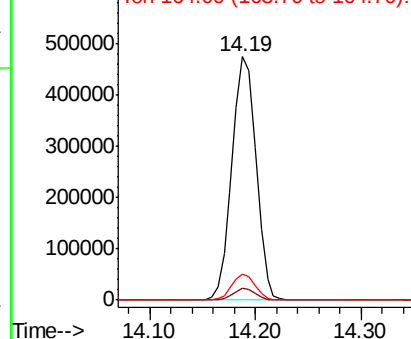
163 100

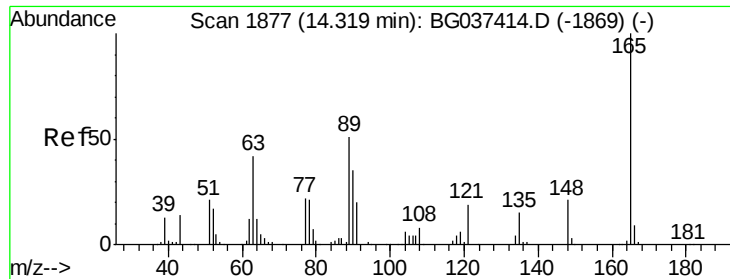
194 4.8 3.5 5.3

164 10.7 8.5 12.7



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

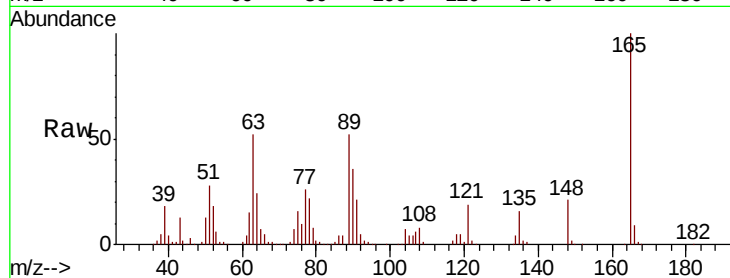




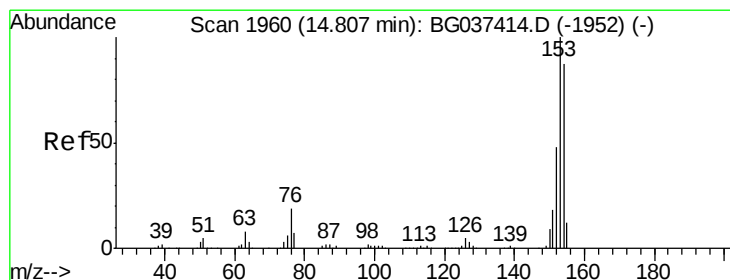
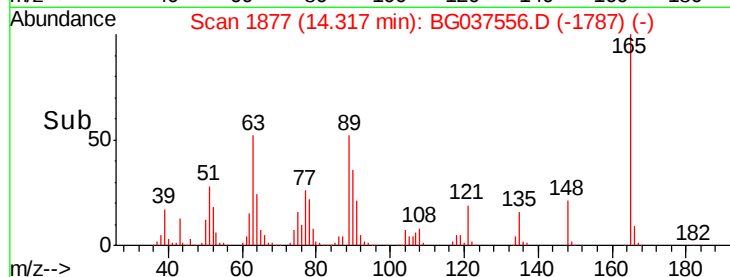
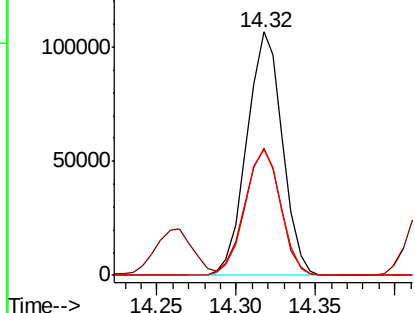
#51
2,6-Dinitrotoluene
Concen: 46.607 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:165 Resp: 166414
Ion Ratio Lower Upper
165 100
63 52.2 43.4 65.2
89 51.7 45.8 68.6

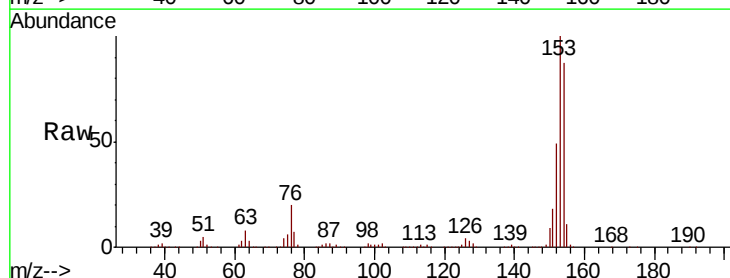


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

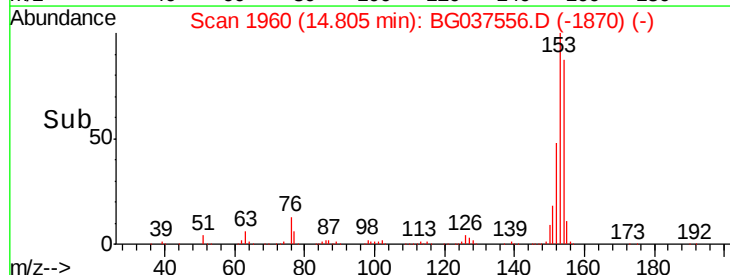
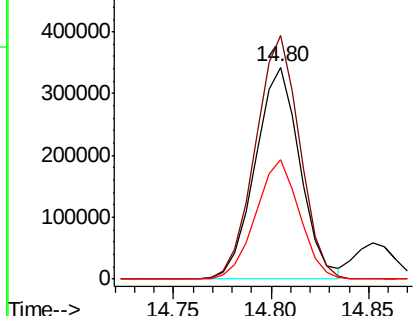


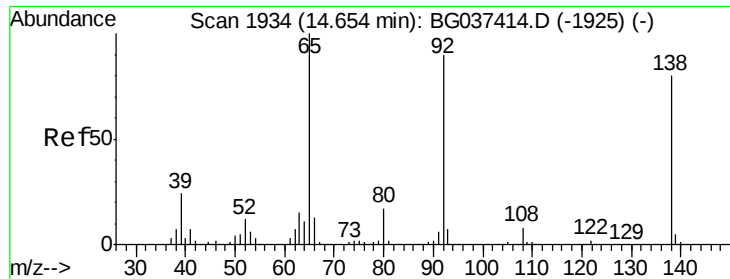
#52
Acenaphthene
Concen: 44.928 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:154 Resp: 544092
Ion Ratio Lower Upper
154 100
153 114.9 93.4 140.0
152 56.1 44.7 67.1



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

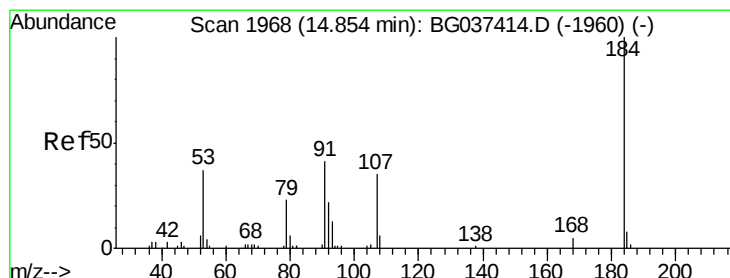
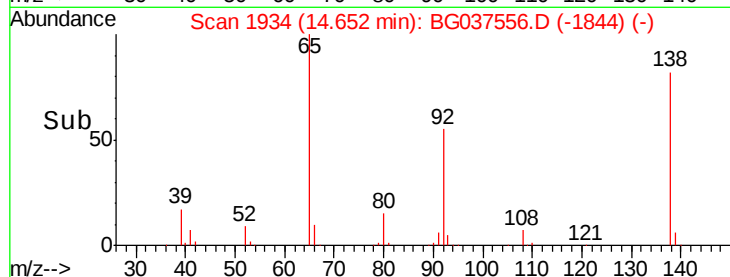
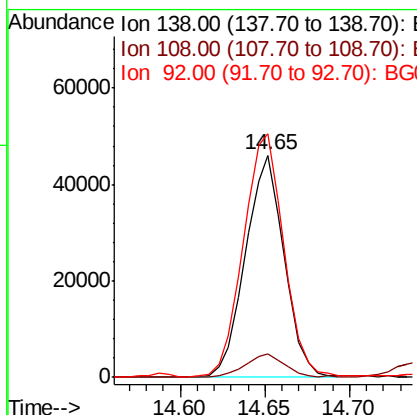
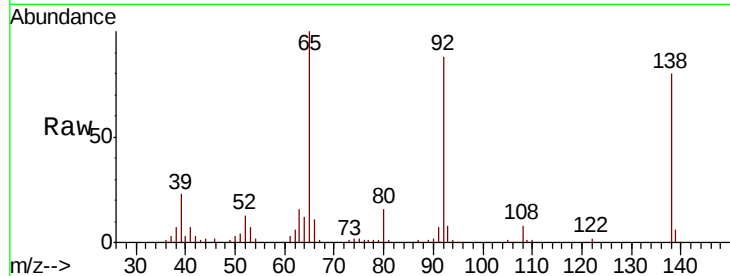




#53
 3-Nitroaniline
 Concen: 18.432 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

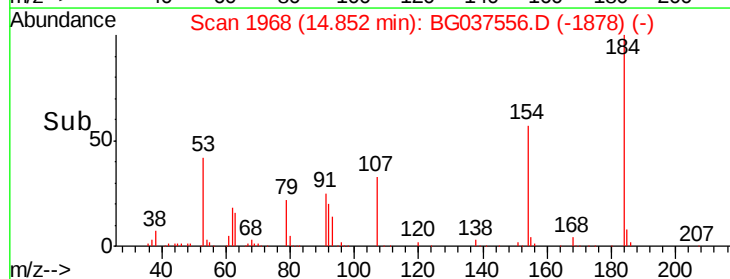
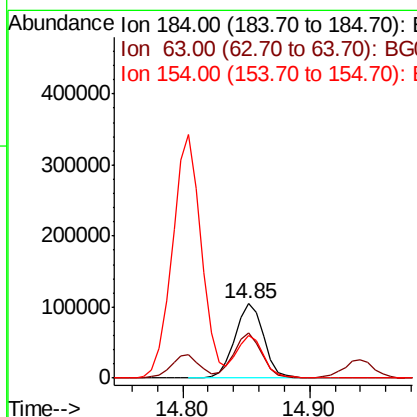
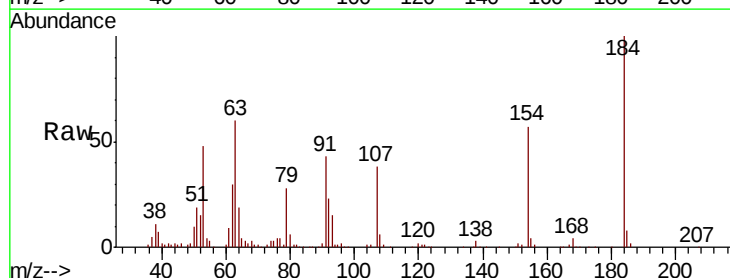
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

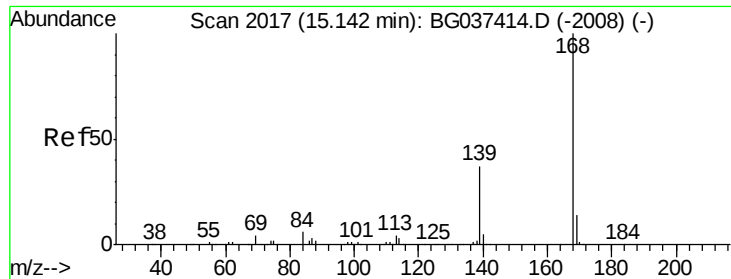
Tot Ion:138 Resp: 73063
 Ion Ratio Lower Upper
 138 100
 108 10.5 11.0 16.6#
 92 109.5 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 93.997 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion:184 Resp: 166048
 Ion Ratio Lower Upper
 184 100
 63 60.5 42.6 63.8
 154 56.7 41.8 62.6

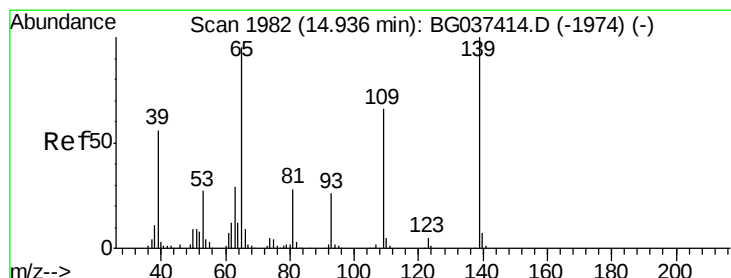
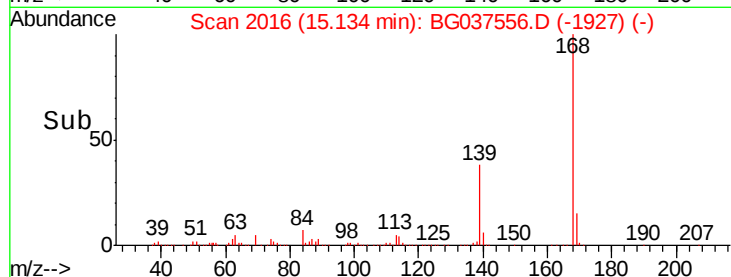
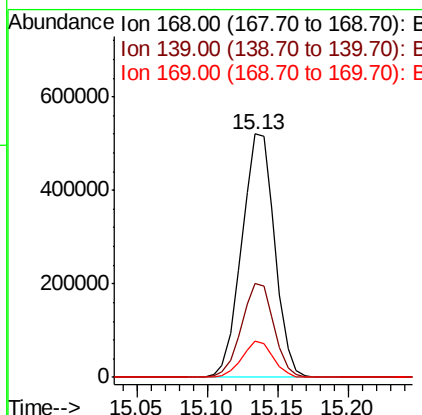
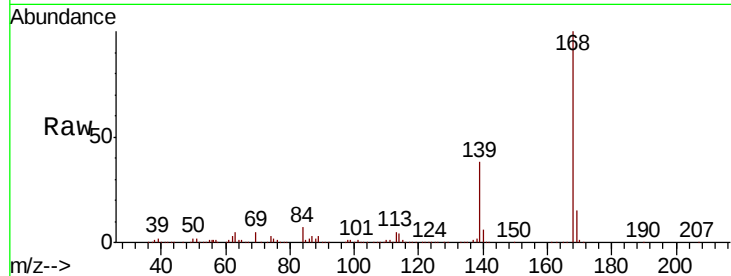




#55
Dibenzenofuran
Concen: 42.322 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

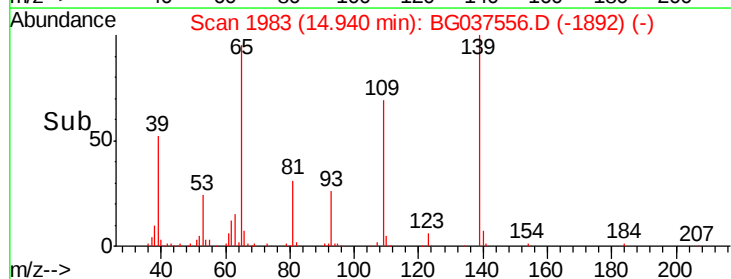
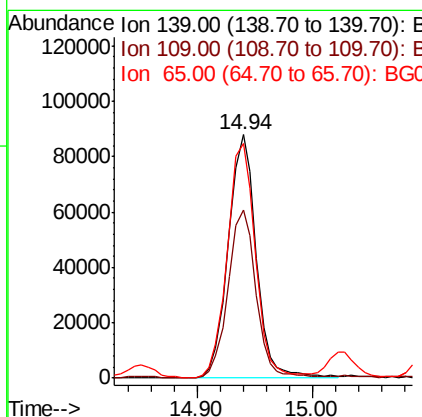
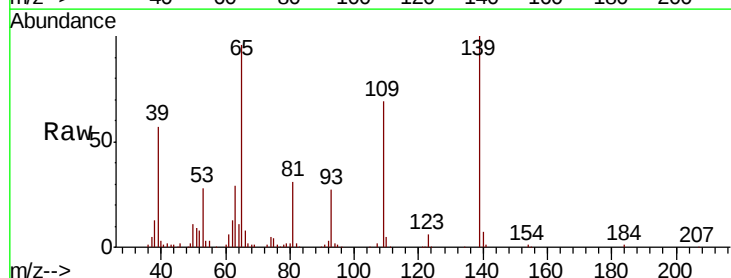
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

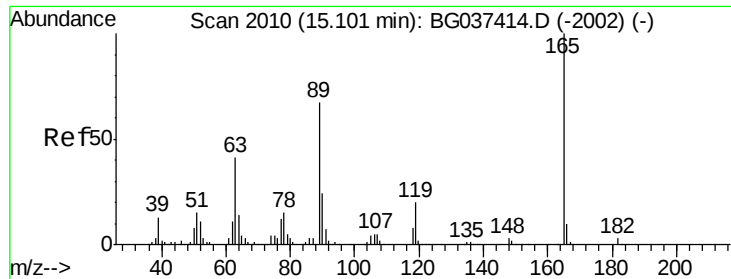
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.4	44.0
169	15.1	11.0	16.6



#56
4-Nitrophenol
Concen: 50.596 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	49.5	89.5
65	96.2	76.8	116.8

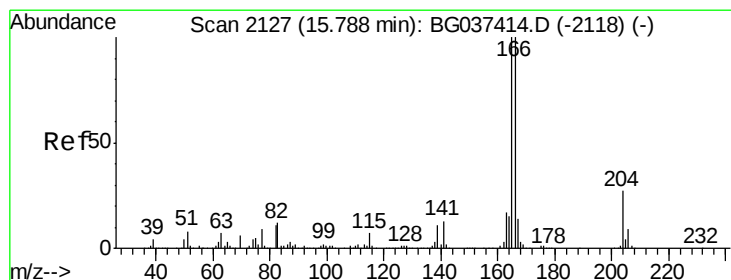
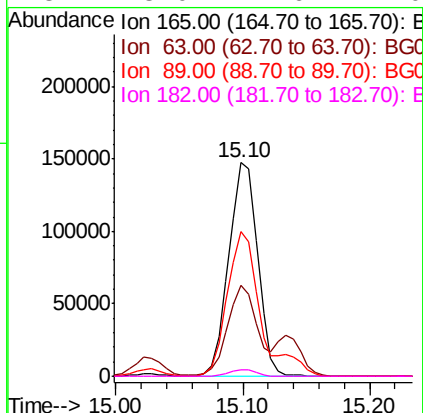
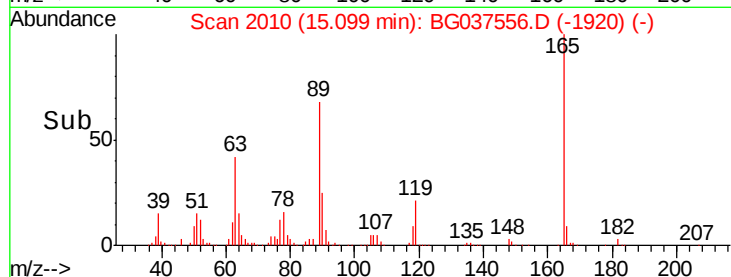
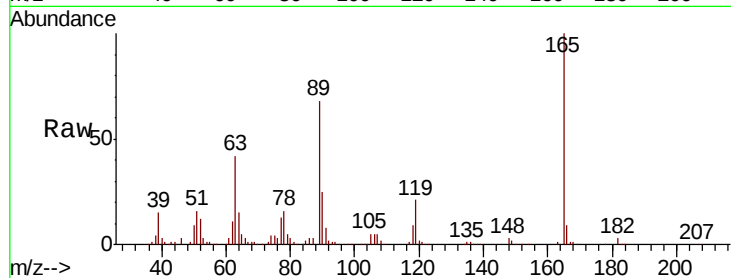




#57
2,4-Dinitrotoluene
Concen: 49.456 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

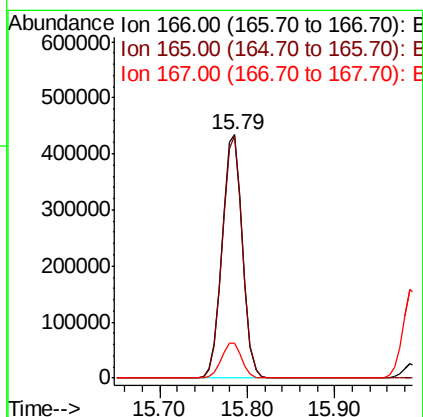
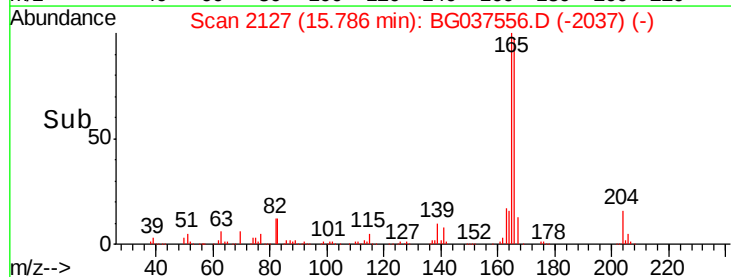
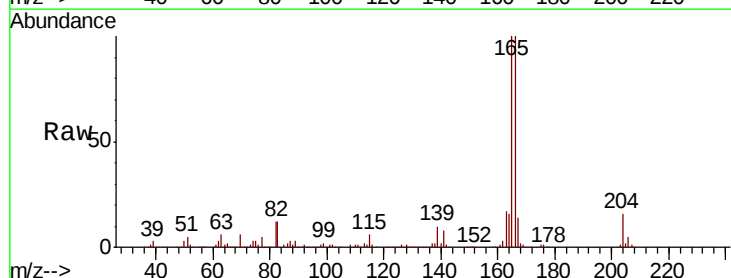
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.4	50.0
89	67.5	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 46.175 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	14.3	11.3	16.9

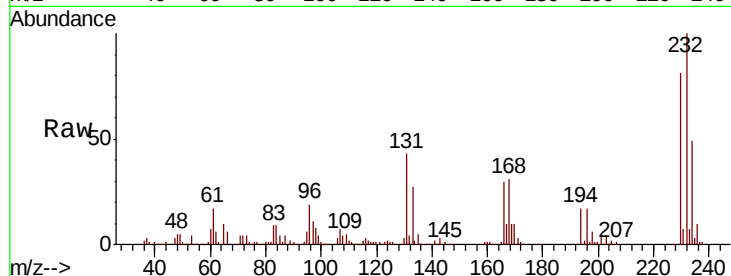




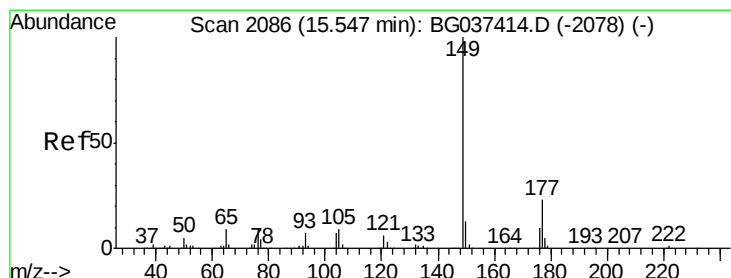
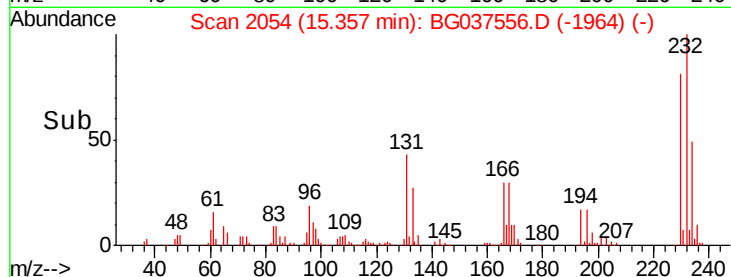
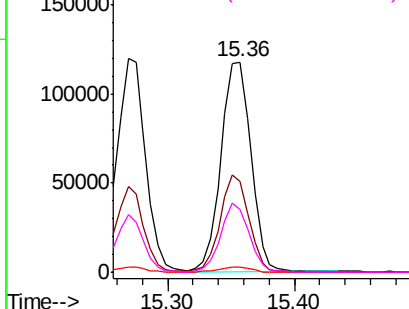
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.947 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:232 Resp: 192571
Ion Ratio Lower Upper
232 100
131 44.2 33.7 50.5
130 2.6 2.1 3.1
166 30.7 24.6 36.8

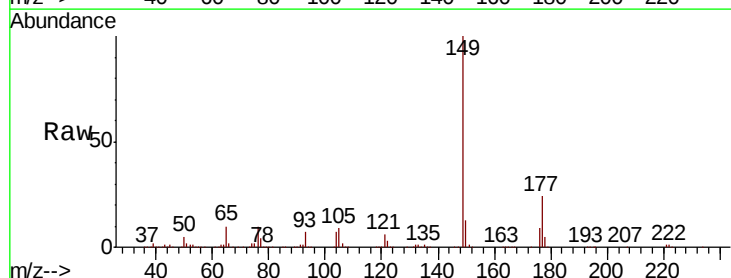


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

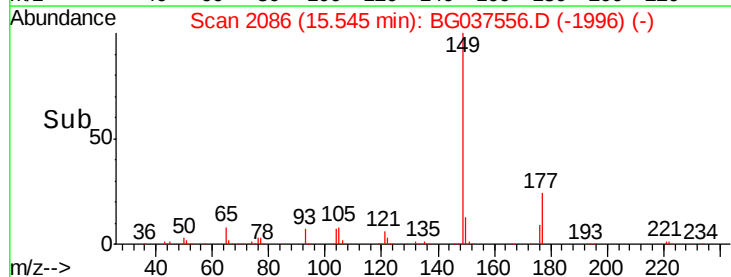
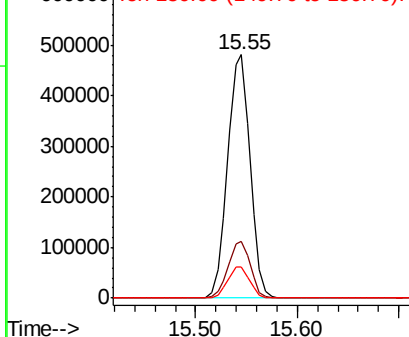


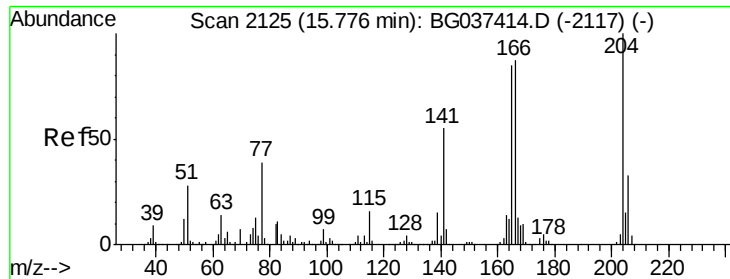
#60
Diethylphthalate
Concen: 44.428 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:149 Resp: 736196
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.7 10.0 15.0



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

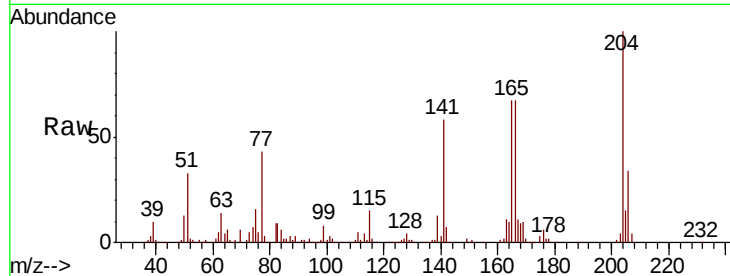




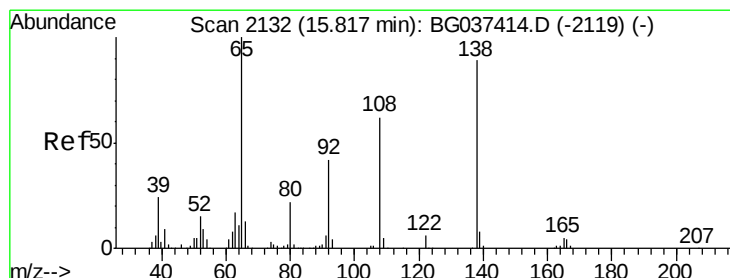
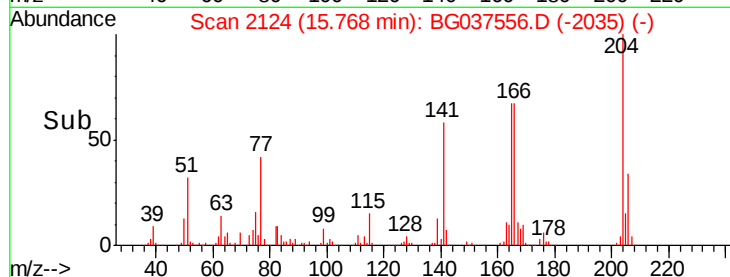
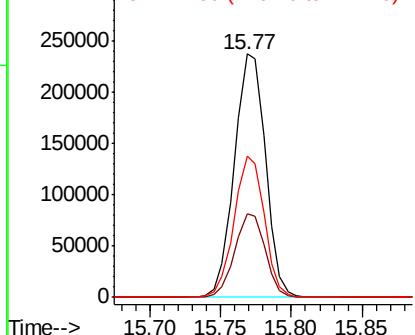
#61
4-Chlorophenyl-phenylether
Concen: 41.756 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:204 Resp: 365690
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 58.3 45.4 68.2

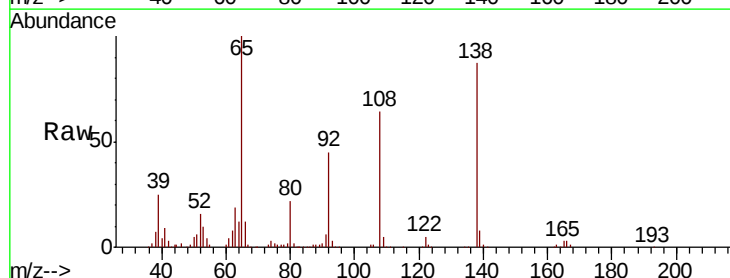


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

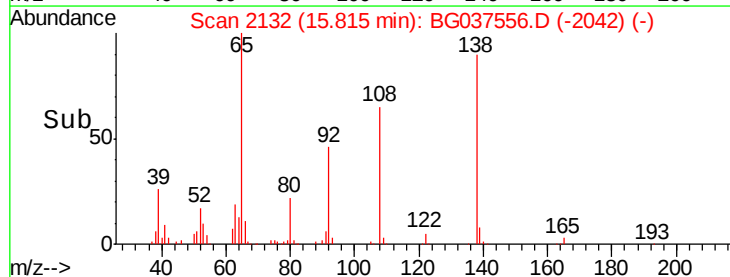
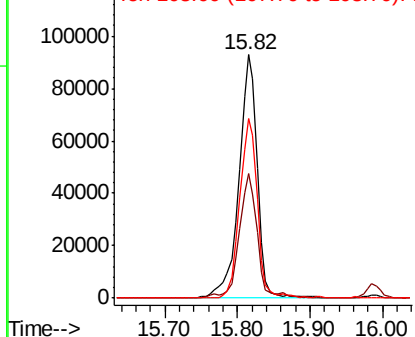


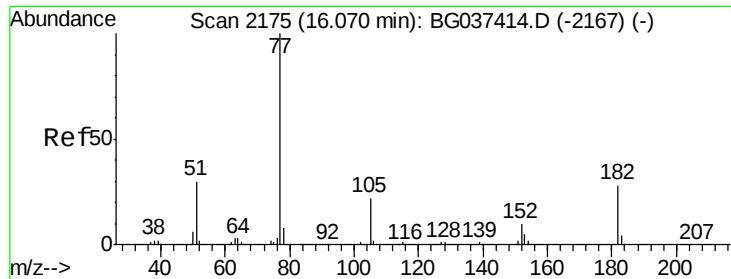
#62
4-Nitroaniline
Concen: 41.176 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:138 Resp: 162182
Ion Ratio Lower Upper
138 100
92 51.0 36.4 76.4
108 73.7 60.1 100.1



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

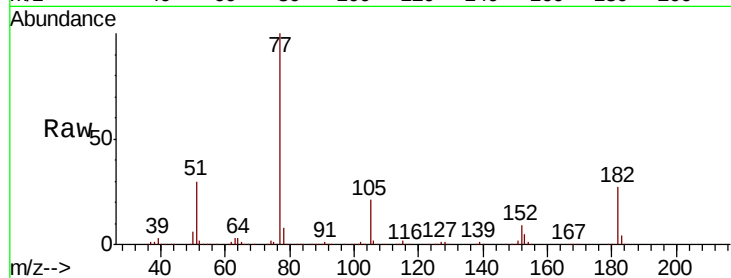




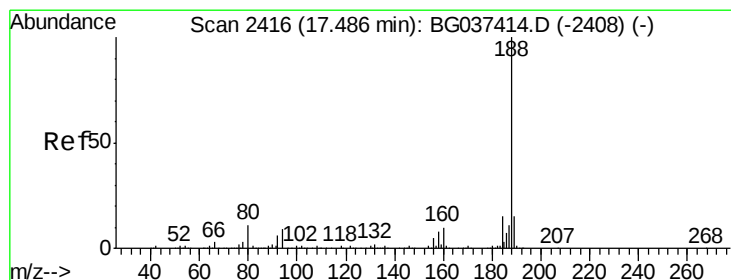
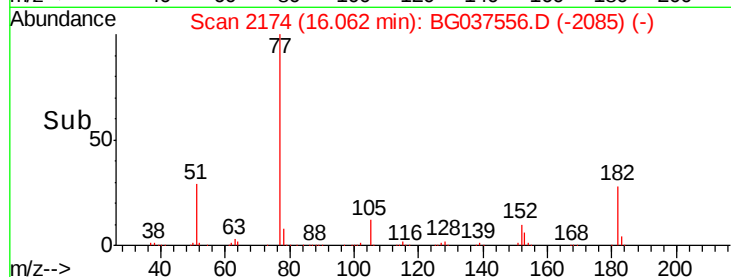
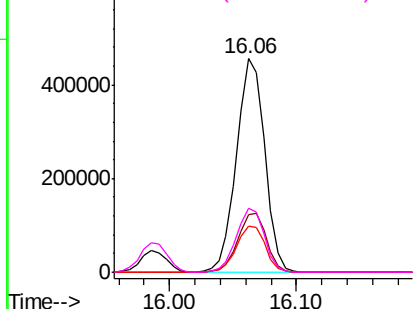
#63
Azobenzene
Concen: 44.406 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion: 77 Resp: 702068
Ion Ratio Lower Upper
77 100
182 26.8 8.0 48.0
105 21.3 1.3 41.3
51 30.1 10.7 50.7

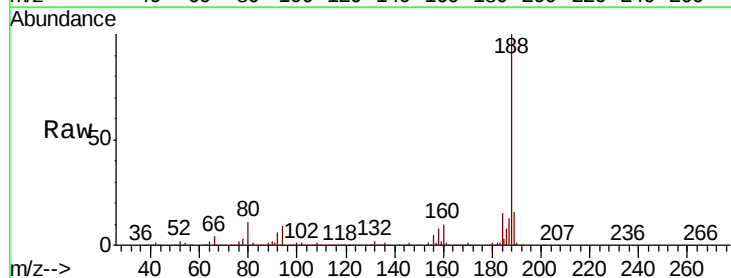


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

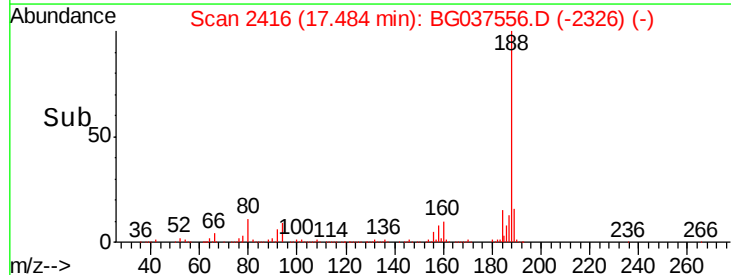
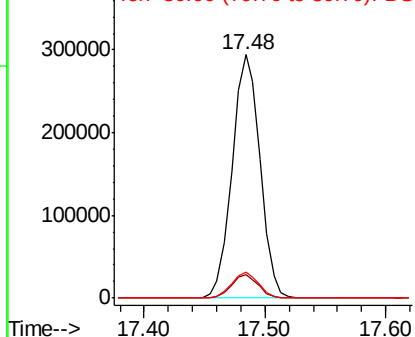


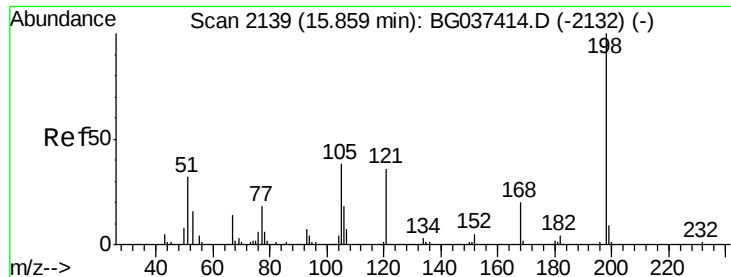
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion: 188 Resp: 471937
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.6 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 49.041 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

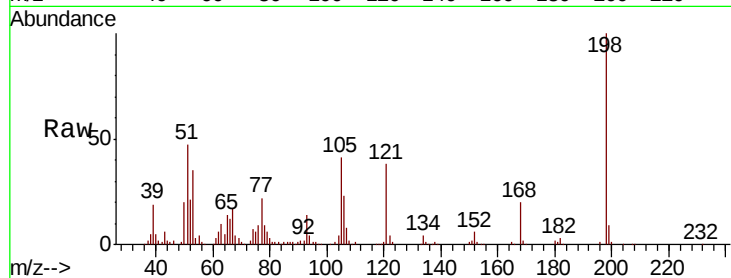
Tot Ion:198 Resp: 122005

Ion	Ratio	Lower	Upper
198	100		
51	46.9	22.7	62.7
105	41.2	19.7	59.7

198 100

51 46.9 22.7 62.7

105 41.2 19.7 59.7



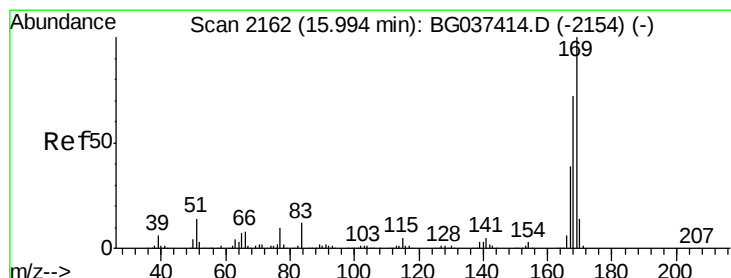
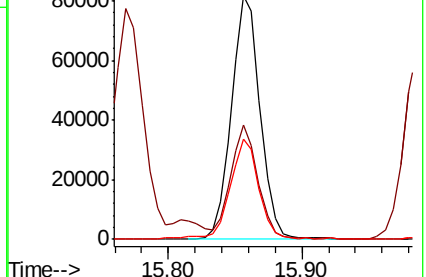
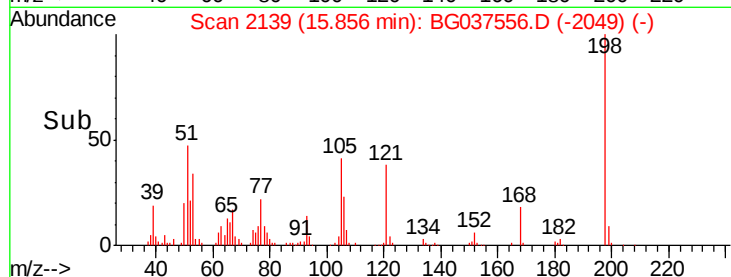
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037556.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E

15.86

Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.931 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

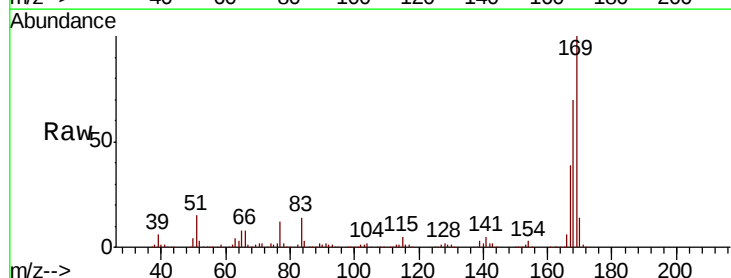
Tgt Ion:169 Resp: 623642

Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.7	83.5
167	39.1	31.3	46.9

169 100

168 69.9 55.7 83.5

167 39.1 31.3 46.9



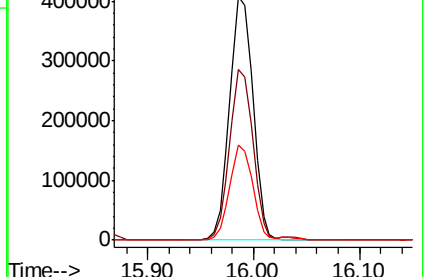
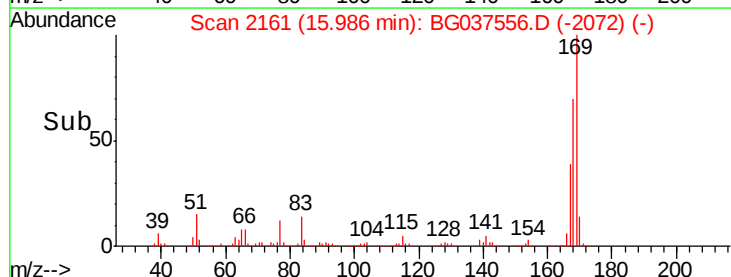
Abundance Ion 169.00 (168.70 to 169.70): E

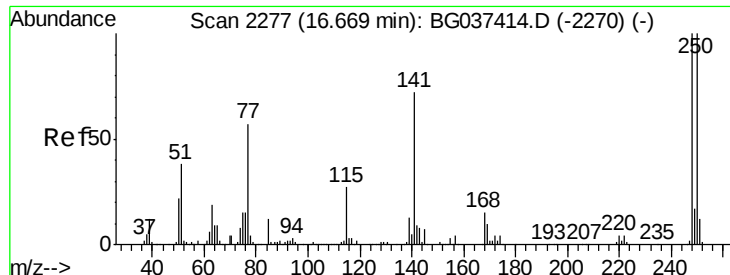
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.99

Time-->

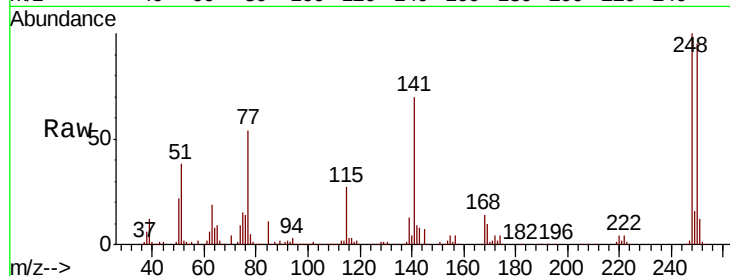




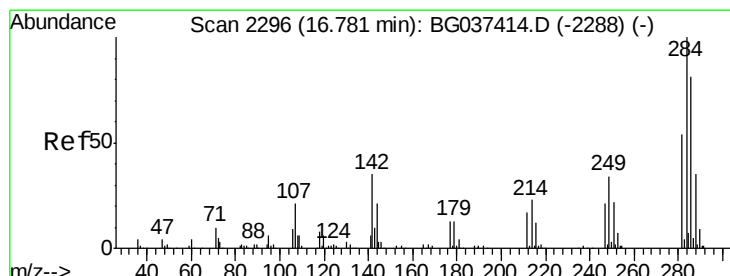
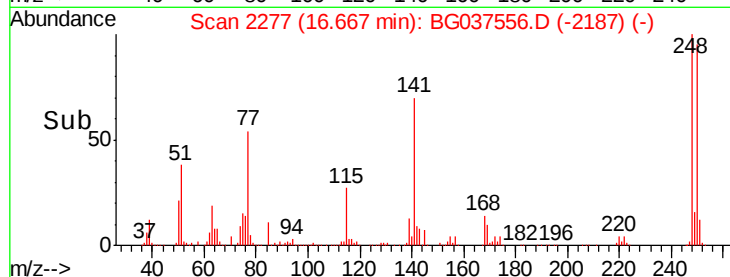
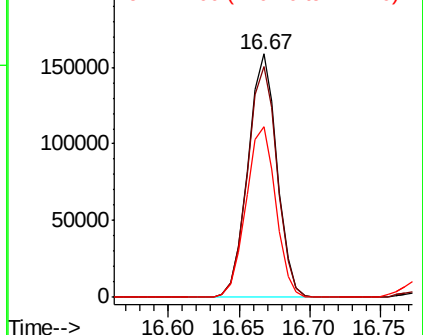
#67
4-Bromophenyl-phenylether
Concen: 44.168 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:248 Resp: 228905
Ion Ratio Lower Upper
248 100
250 95.0 77.0 115.6
141 70.3 55.5 83.3

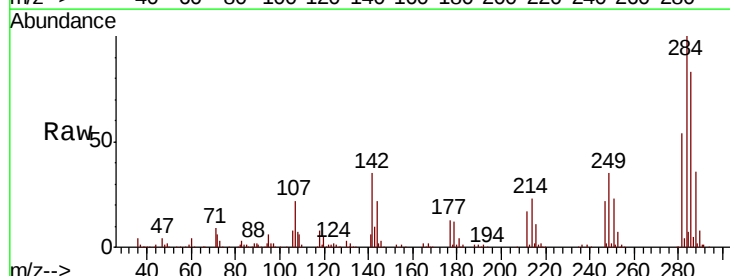


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

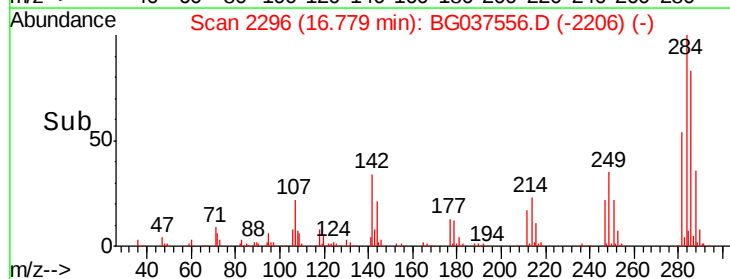
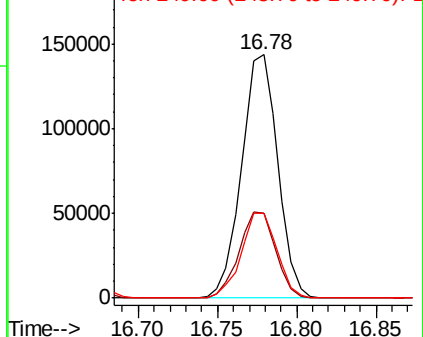


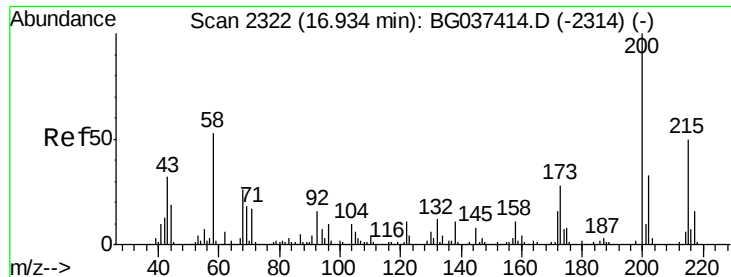
#68
Hexachlorobenzene
Concen: 42.397 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:284 Resp: 227731
Ion Ratio Lower Upper
284 100
142 34.7 28.1 42.1
249 37.2 29.8 44.8



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

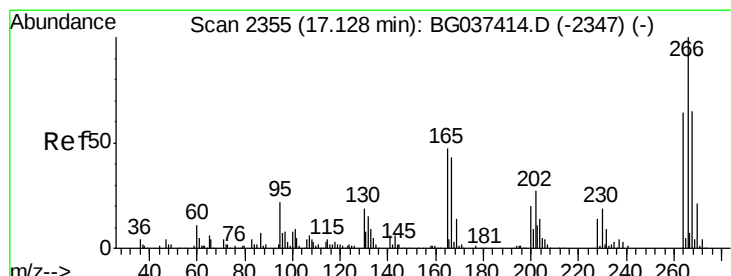
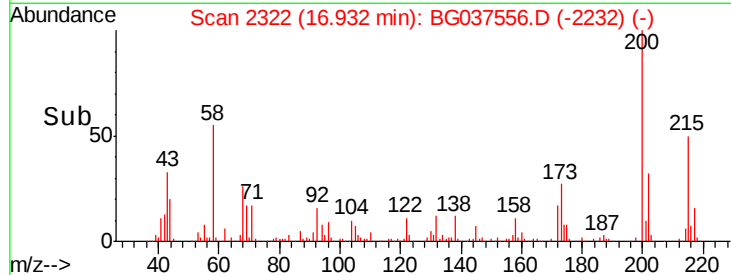
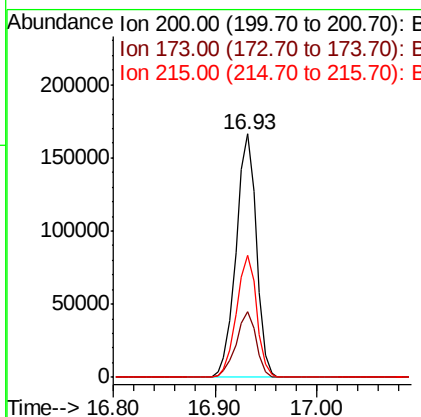
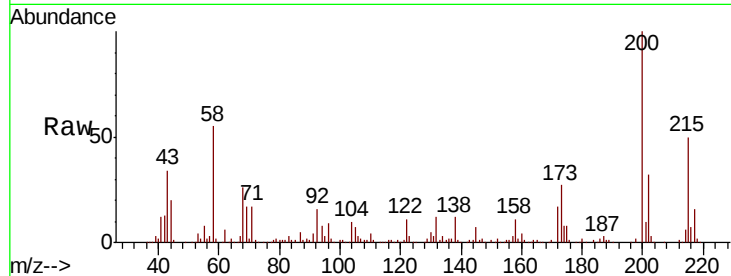




#69
 Atrazine
 Concen: 45.055 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

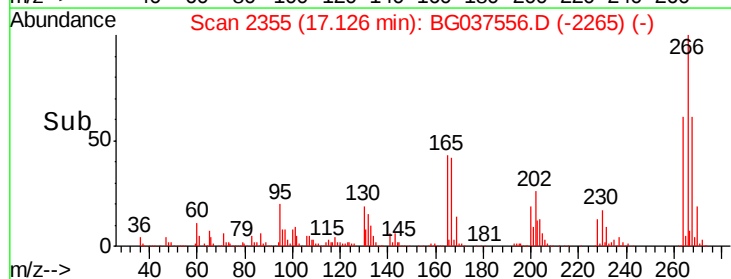
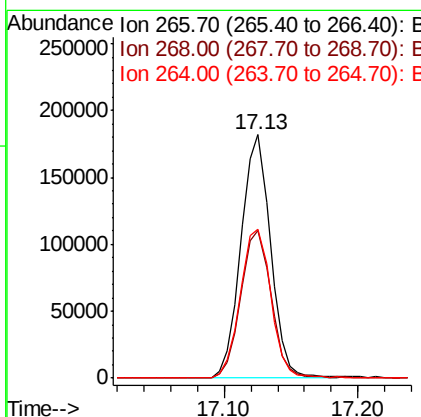
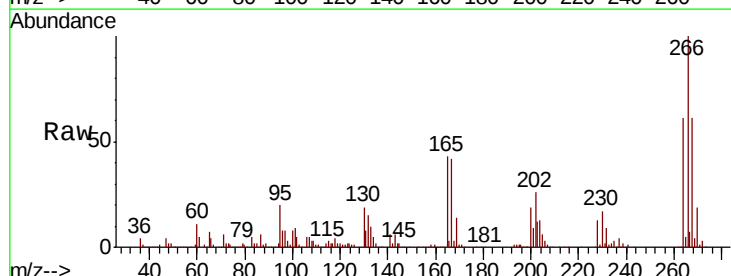
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

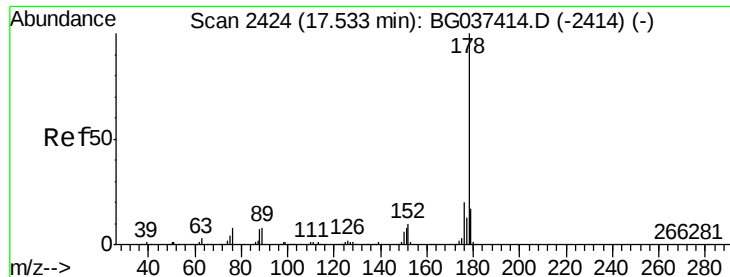
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	50.2	30.8	70.8



#70
 Pentachlorophenol
 Concen: 77.337 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	55.0	82.6
264	66.1	58.9	88.3

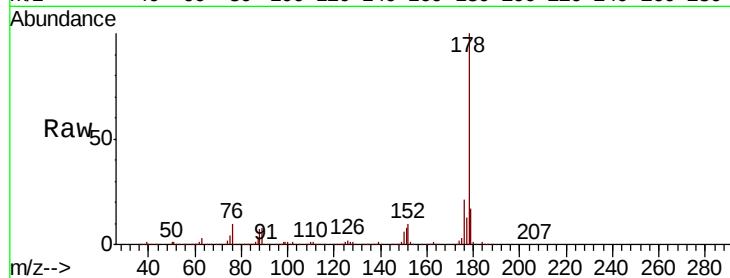




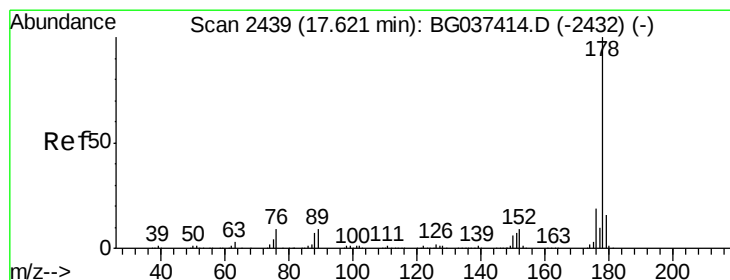
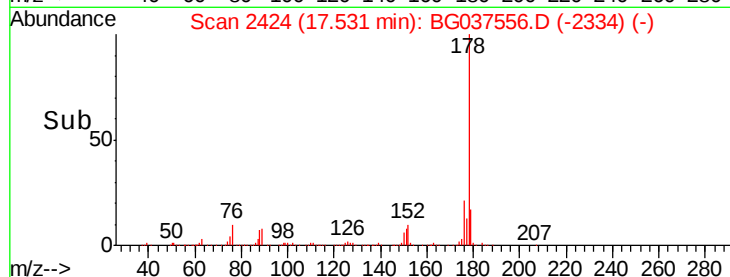
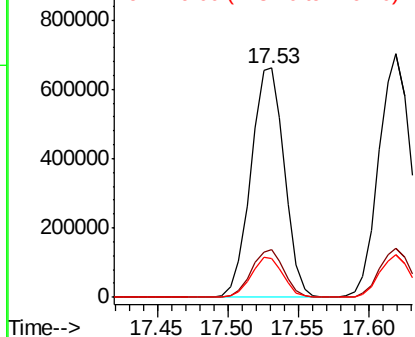
#71
Phenanthrene
Concen: 45.855 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:178 Resp: 1099853
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.1 13.0 19.4

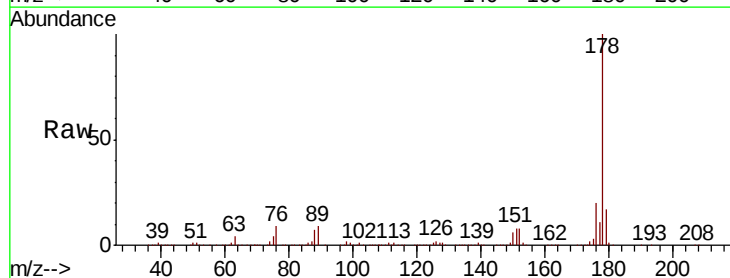


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

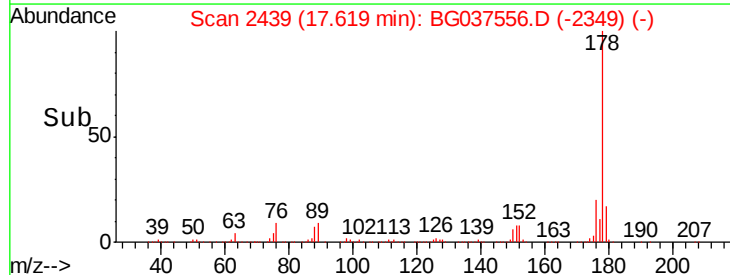
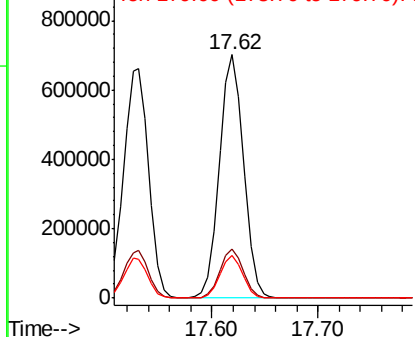


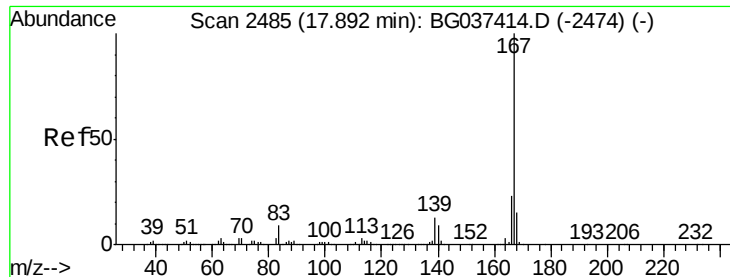
#72
Anthracene
Concen: 47.446 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:178 Resp: 1116805
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.4 12.8 19.2



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

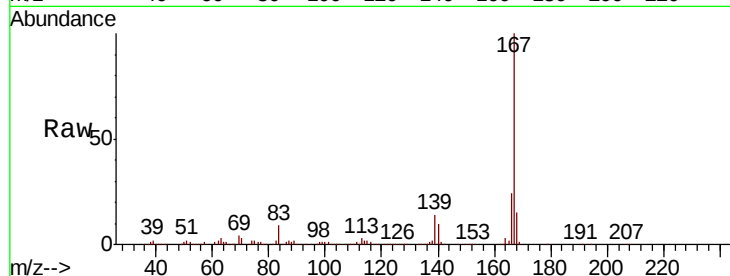




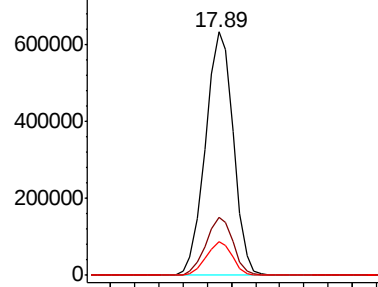
#73
 Carbazole
 Concen: 43.188 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

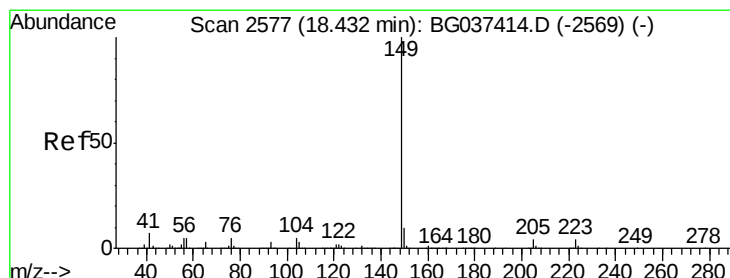
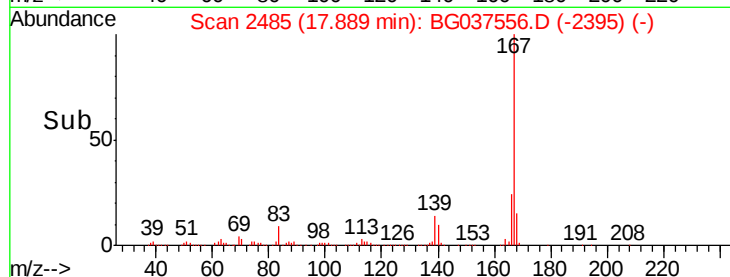
Tot Ion:167 Resp: 1016879
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.3 27.5
 139 13.7 10.5 15.7



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

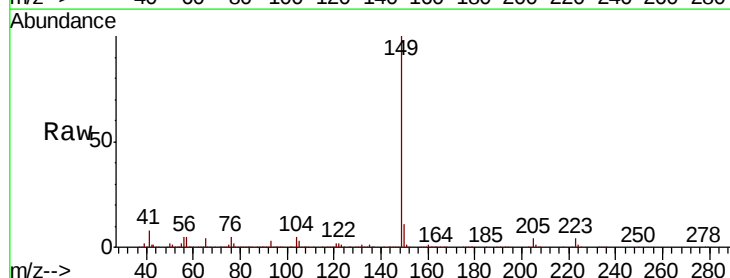


Time-->

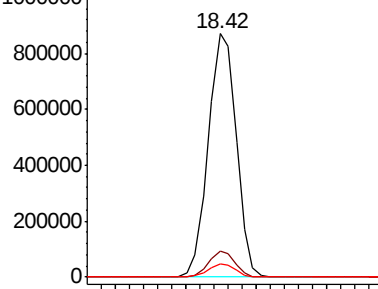


#74
 Di-n-butylphthalate
 Concen: 45.979 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

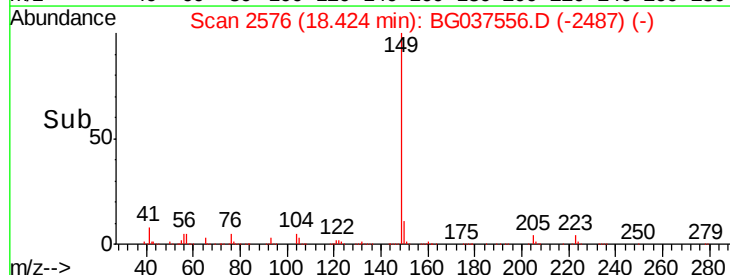
Tgt Ion:149 Resp: 1204292
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.2 12.2
 104 5.4 4.0 6.0

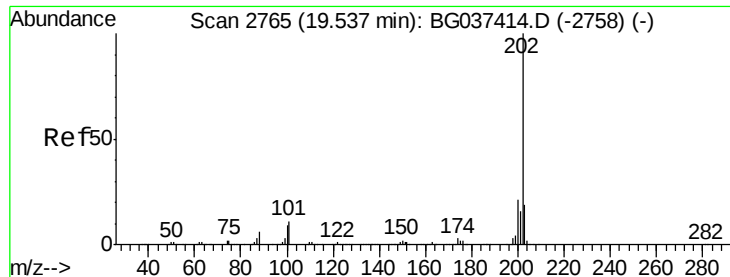


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 45.578 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

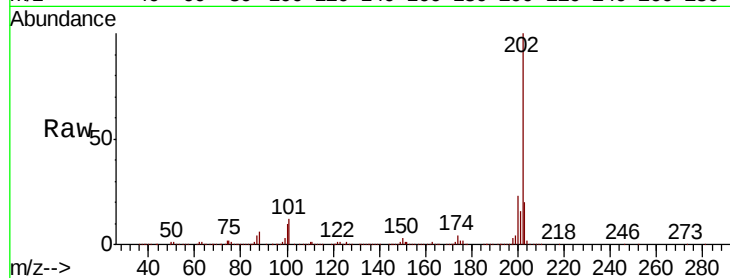
Tot Ion:202 Resp: 1239910

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

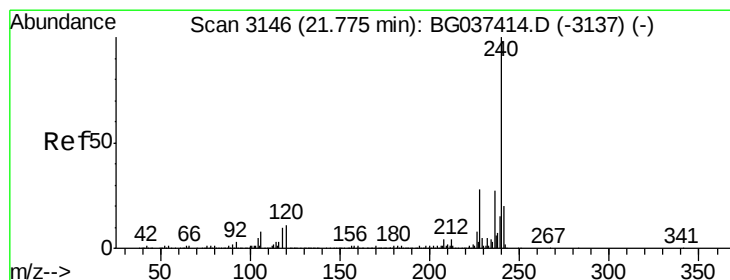
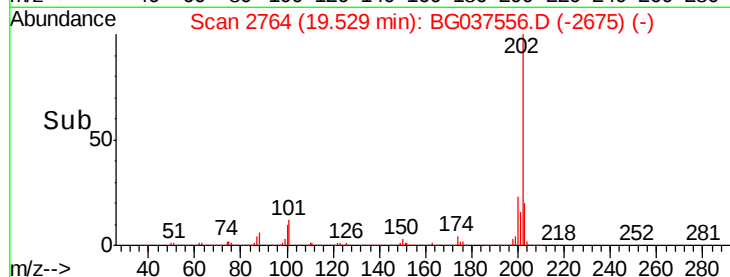
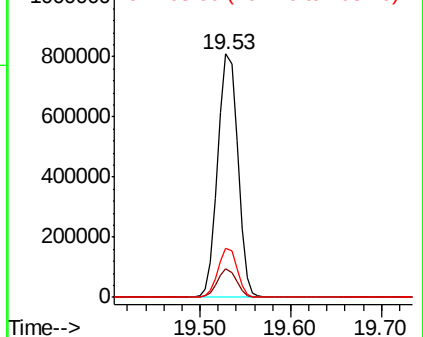
203 20.1 0.0 38.5



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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

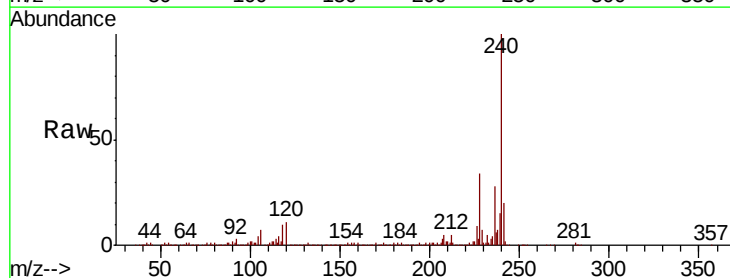
Tgt Ion:240 Resp: 407382

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

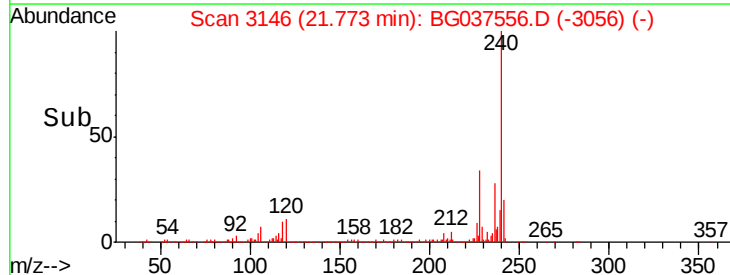
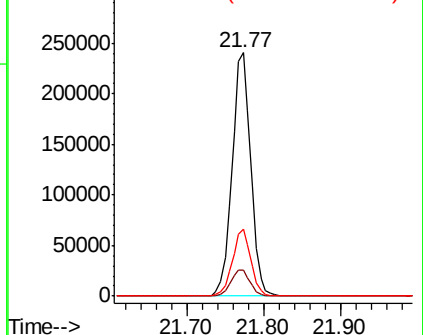
236 27.7 21.4 32.0

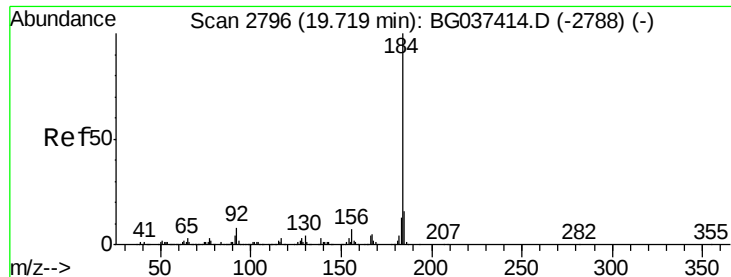


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.504 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

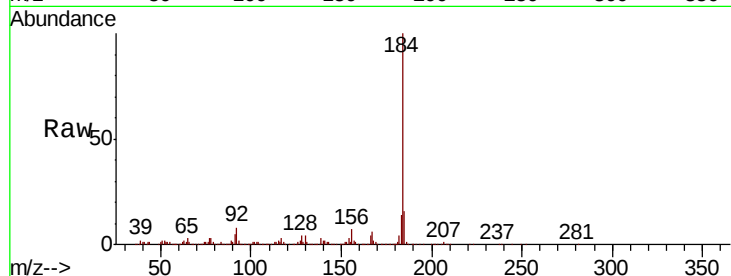
Tot Ion:184 Resp: 297871

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

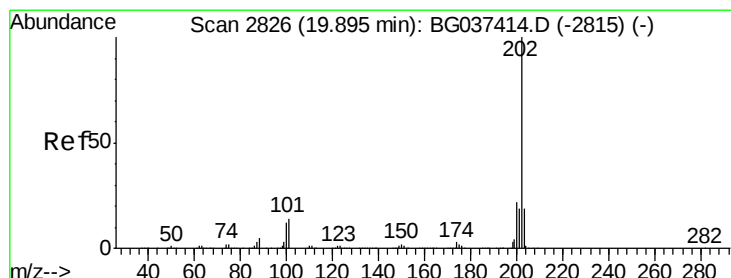
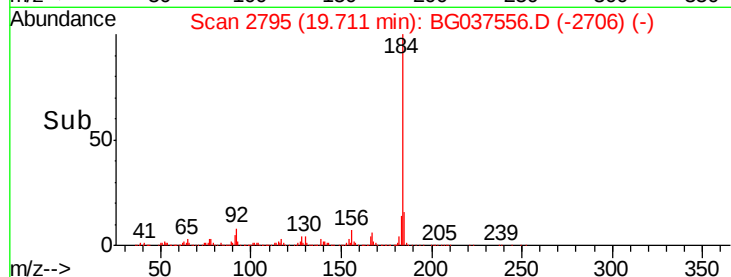
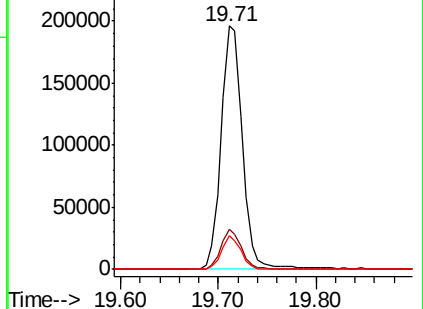
183 13.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.587 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

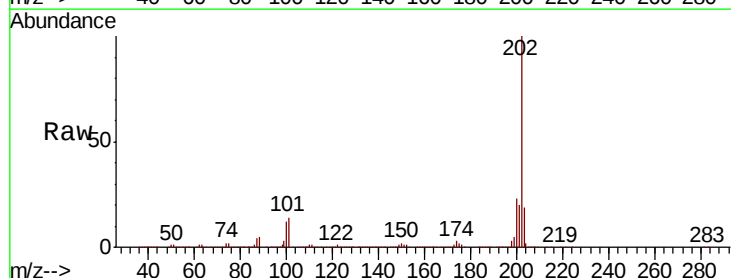
Tgt Ion:202 Resp: 1240676

Ion Ratio Lower Upper

202 100

200 22.9 17.8 26.6

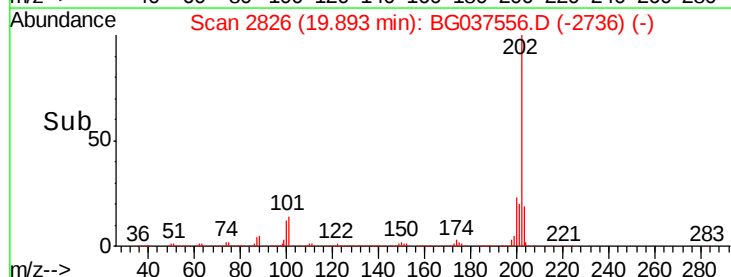
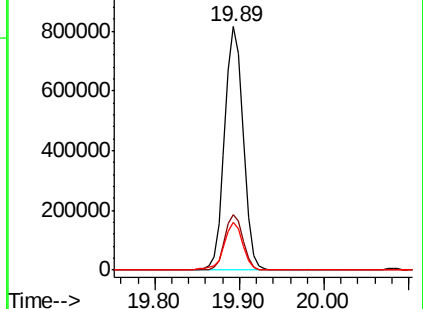
203 19.4 15.2 22.8



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: 74.175 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

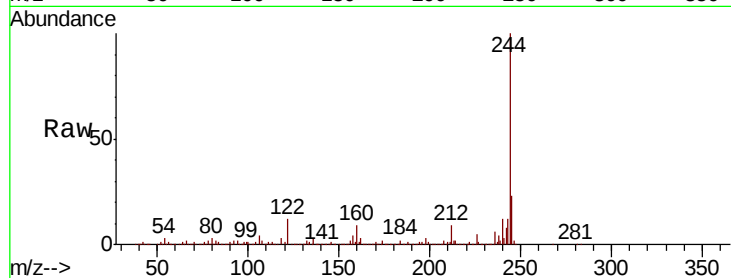
Tot Ion:244 Resp: 1414178

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

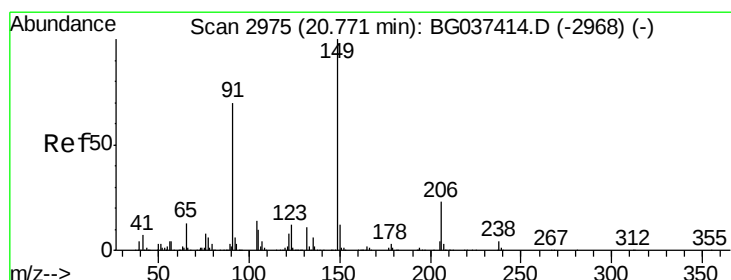
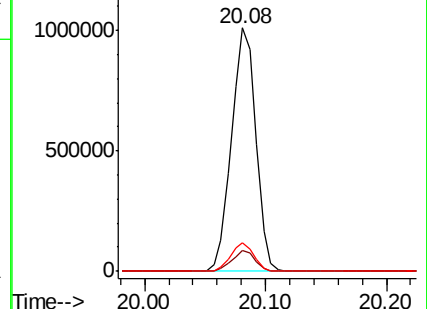
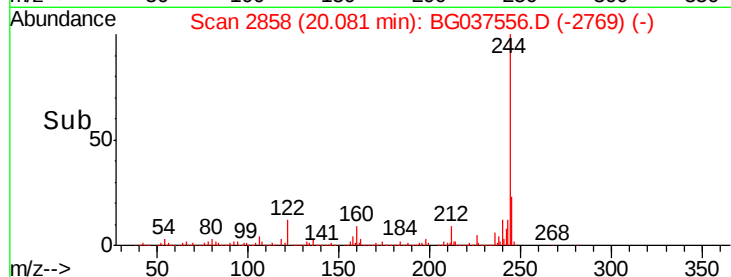
122 11.7 9.0 13.4



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: 50.684 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

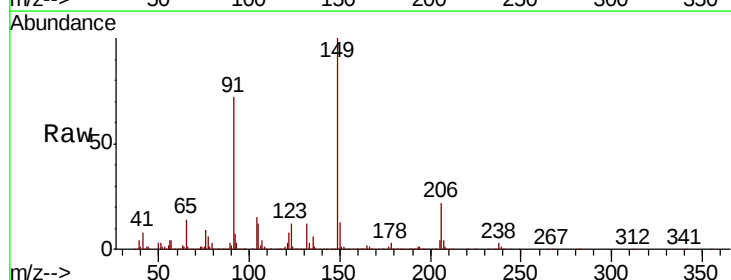
Tgt Ion:149 Resp: 552408

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.4

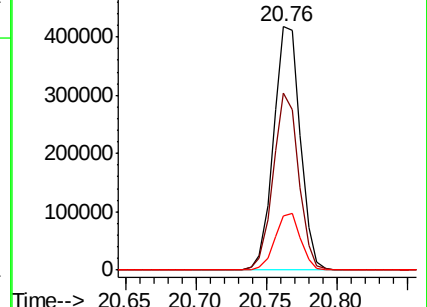
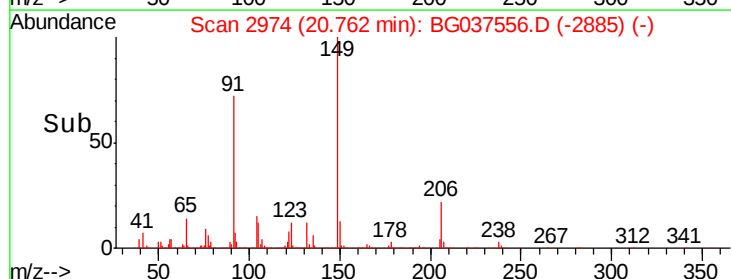
206 22.2 17.8 26.6

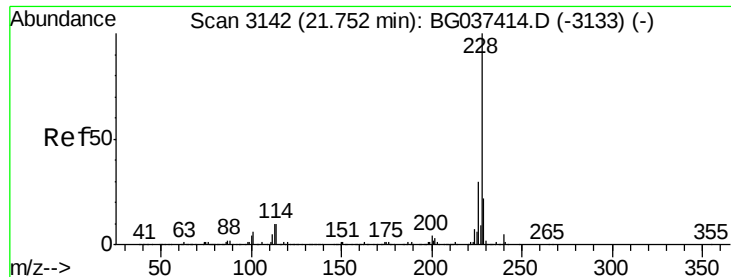


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.731 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

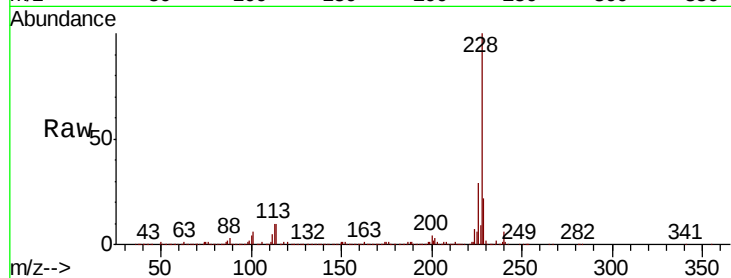
Tot Ion:228 Resp: 1174230

Ion Ratio Lower Upper

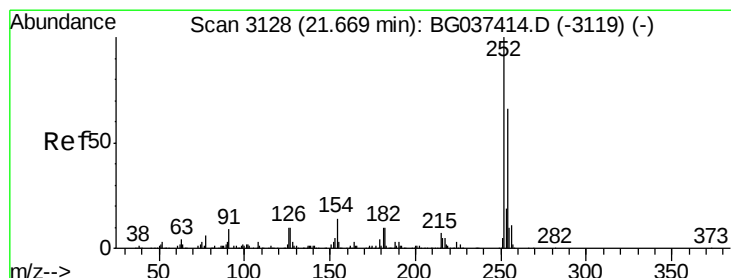
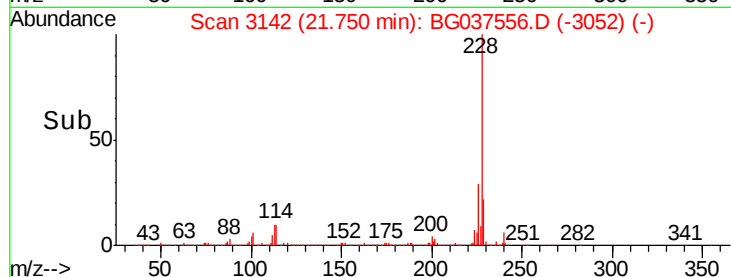
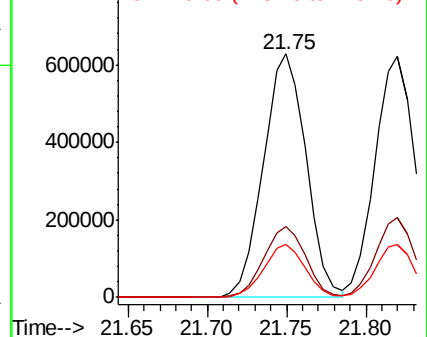
228 100

226 29.3 22.6 33.8

229 21.7 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 23.938 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

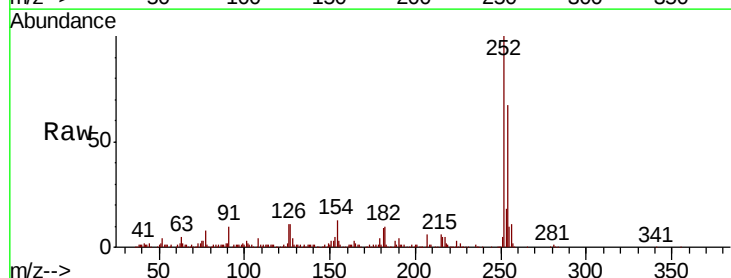
Tgt Ion:252 Resp: 223581

Ion Ratio Lower Upper

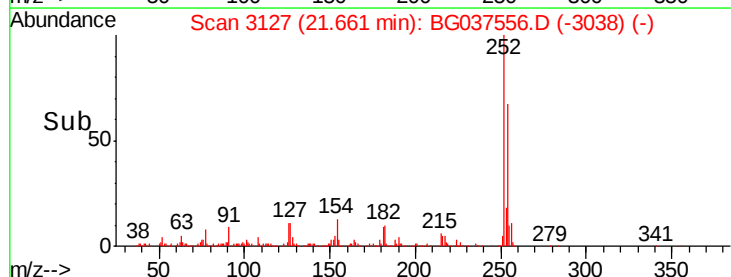
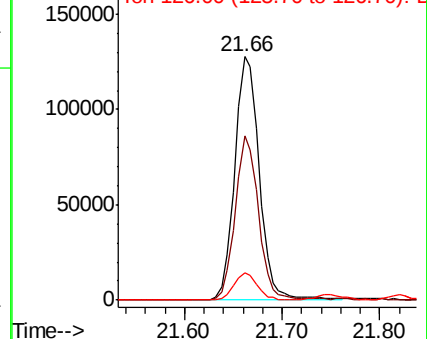
252 100

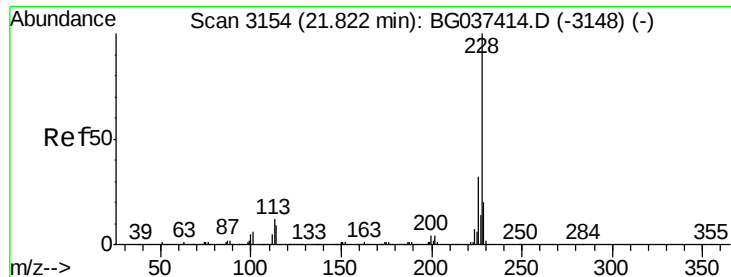
254 67.3 52.0 78.0

126 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



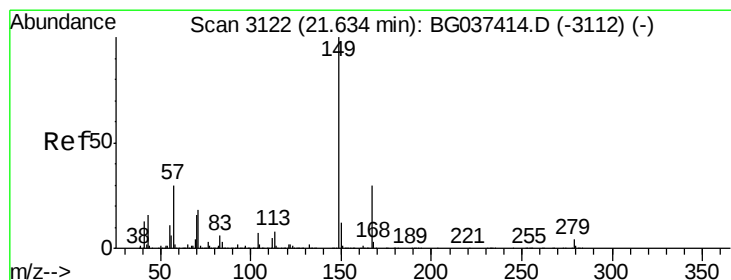
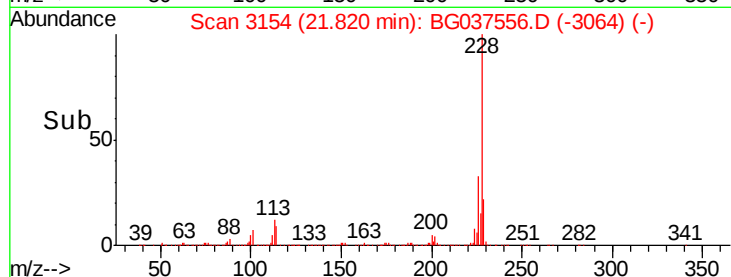
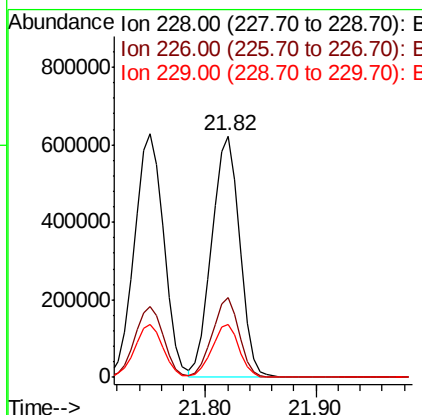
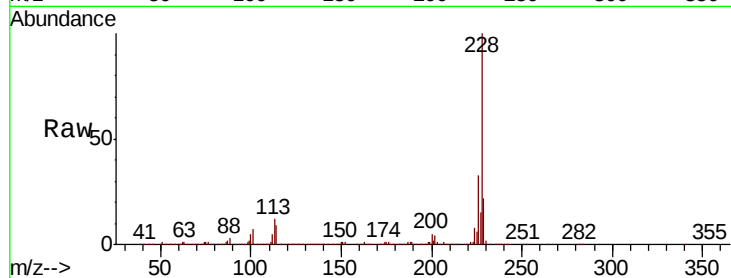


#83
 Chrysene
 Concen: 46.910 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion:228 Resp: 1086929

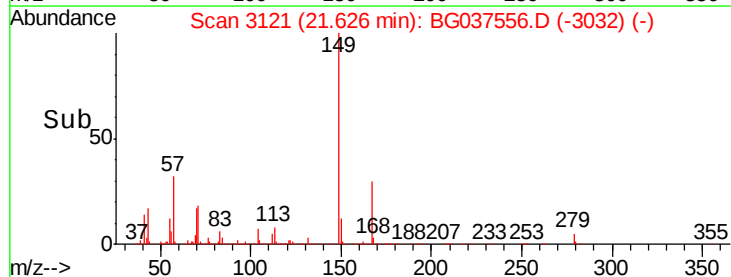
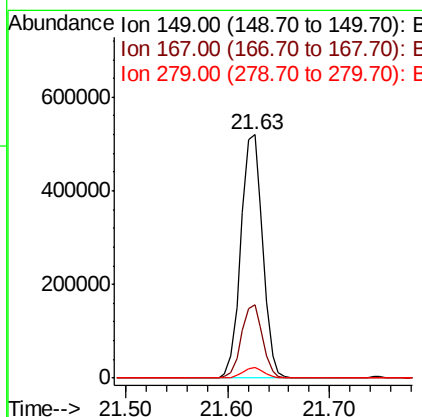
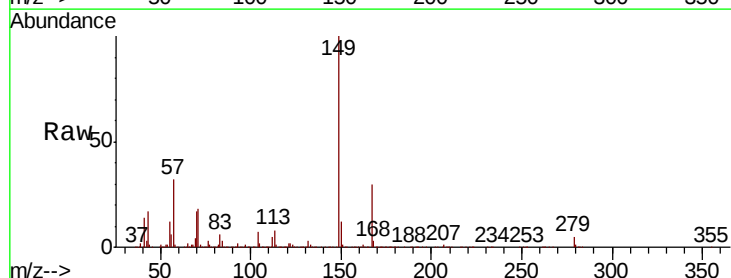
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.7	38.5
229	21.8	16.5	24.7

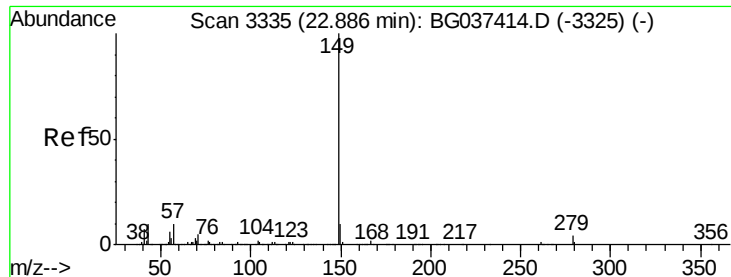


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.585 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion:149 Resp: 772805

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.0	34.4
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 52.574 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

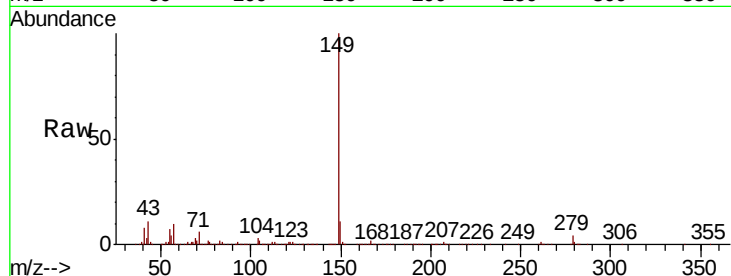
Tot Ion:149 Resp: 1309735

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

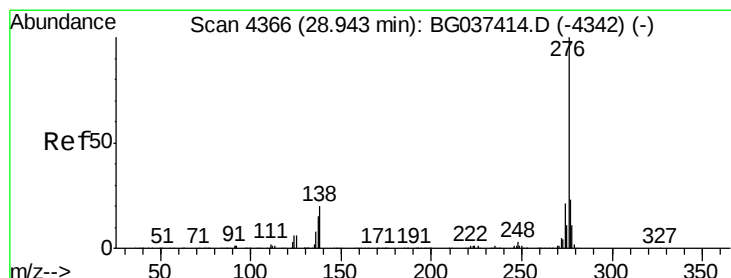
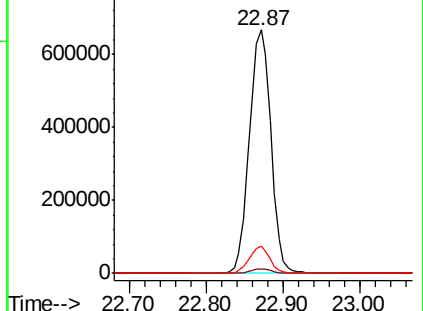
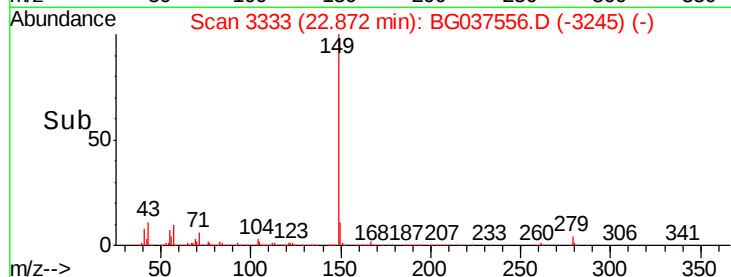
43 10.5 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.476 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

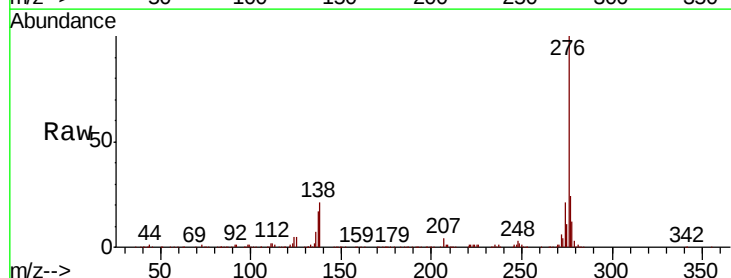
Tgt Ion:276 Resp: 1279252

Ion Ratio Lower Upper

276 100

138 16.7 12.0 18.0

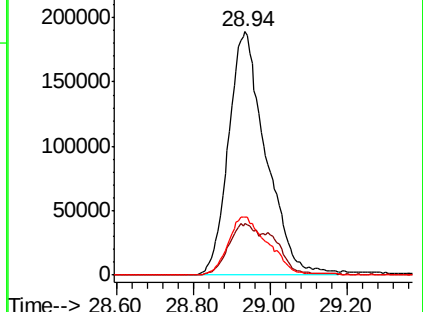
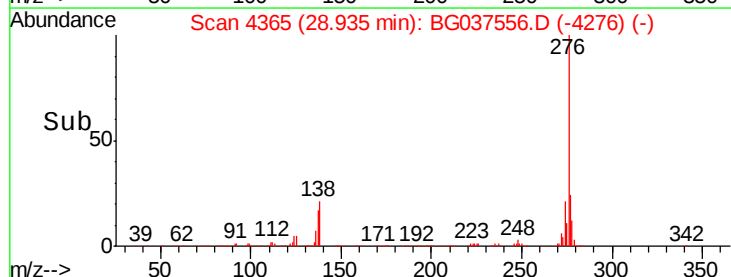
277 25.1 20.6 30.8

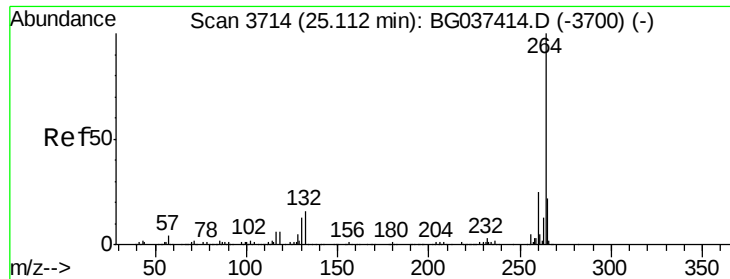


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



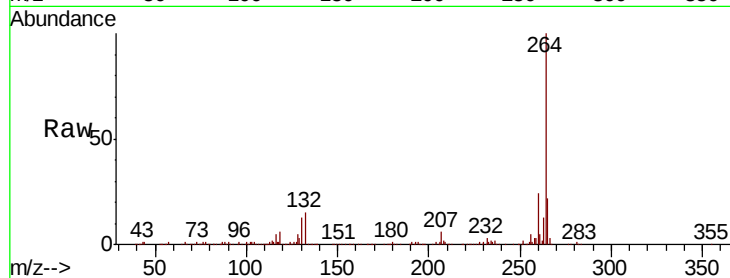


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

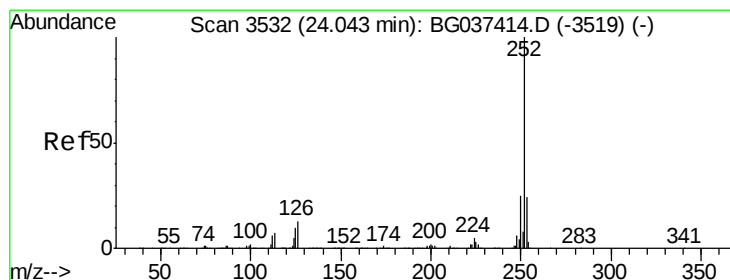
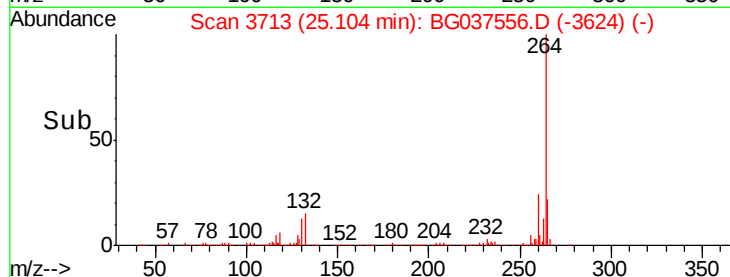
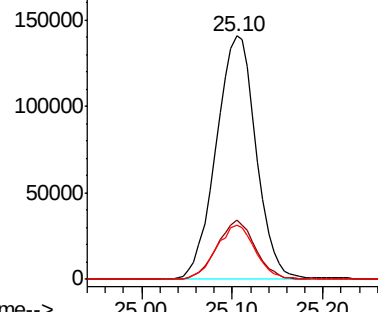
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:264 Resp: 429614

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.1	17.9	26.9



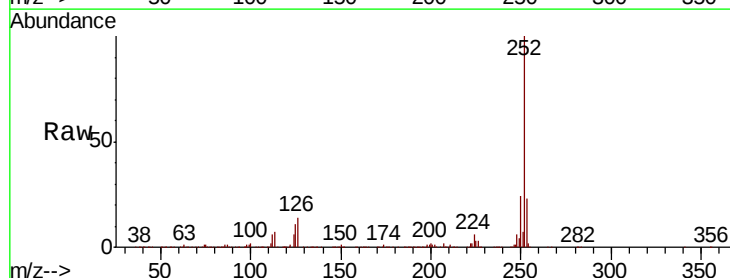
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



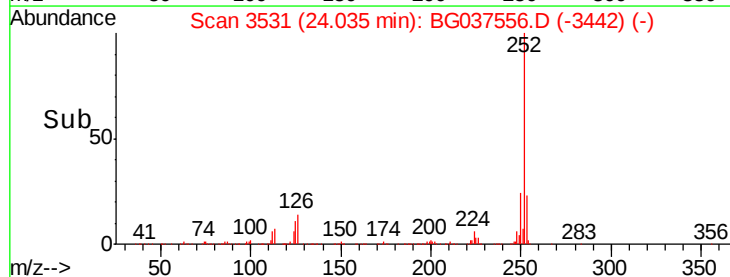
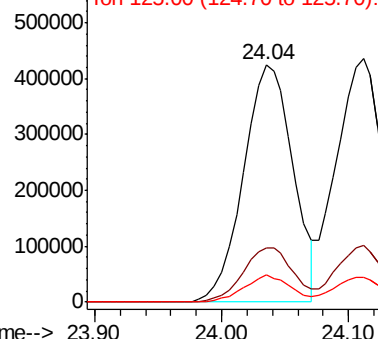
#88
Benzo(b)fluoranthene
Concen: 48.983 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

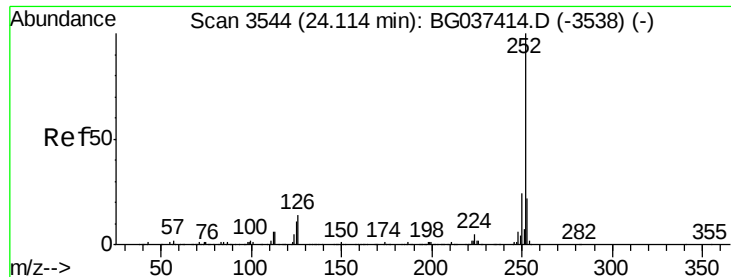
Tgt Ion:252 Resp: 1153702

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.4	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

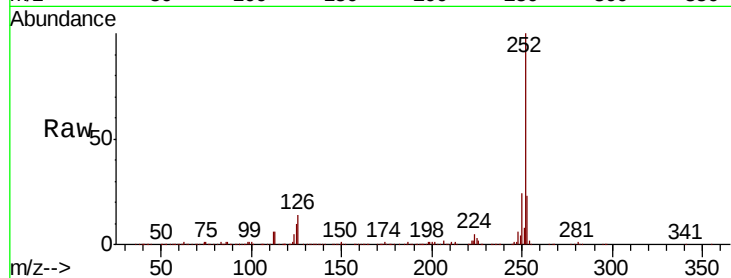




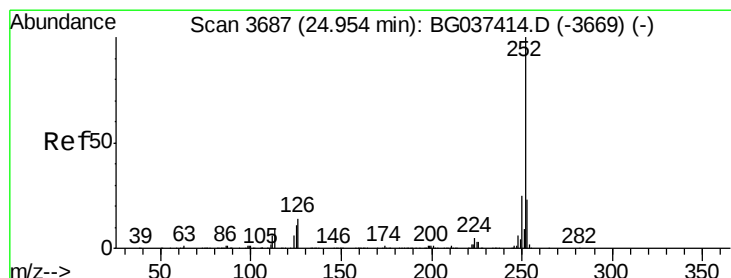
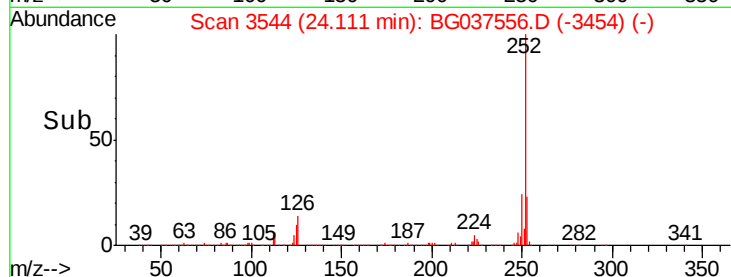
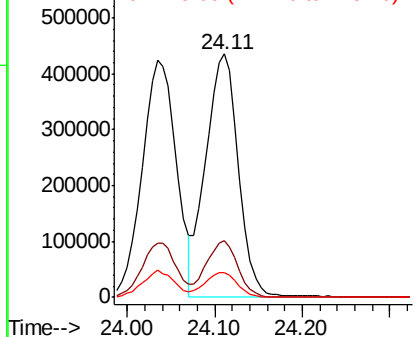
#89
Benzo(k)fluoranthene
Concen: 48.748 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:252 Resp: 1124897
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.2 7.4 11.0

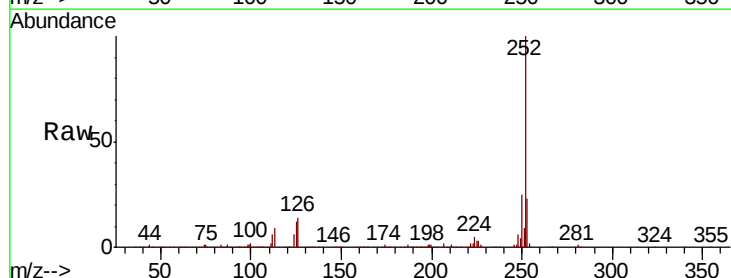


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

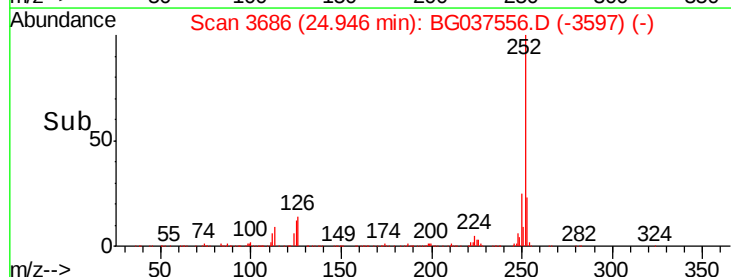
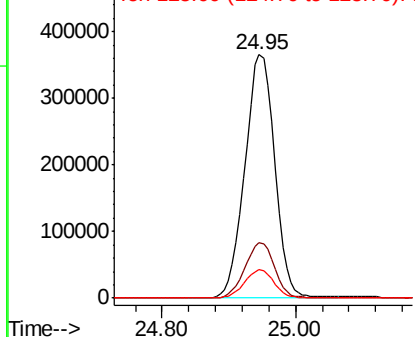


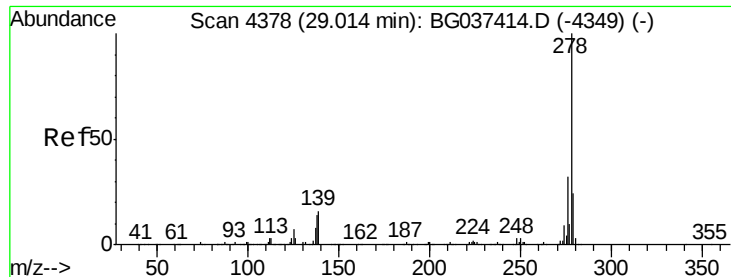
#90
Benzo(a)pyrene
Concen: 50.031 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:252 Resp: 1119731
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.863 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

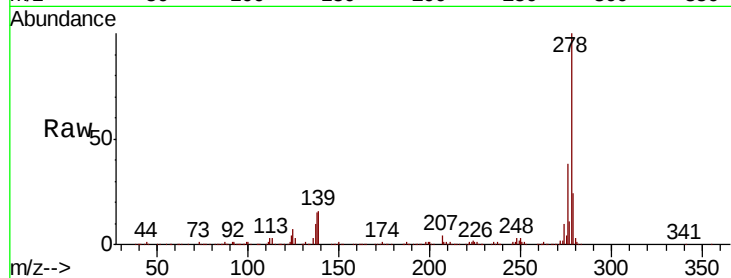
BNA_G

ClientSampleId :

RAV-GT104MS

Tot Ion:278 Resp: 1029398

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.5	17.3
279	24.0	18.6	27.8

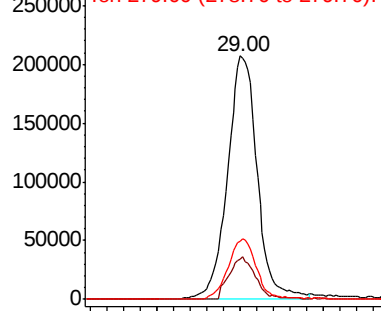


Abundance

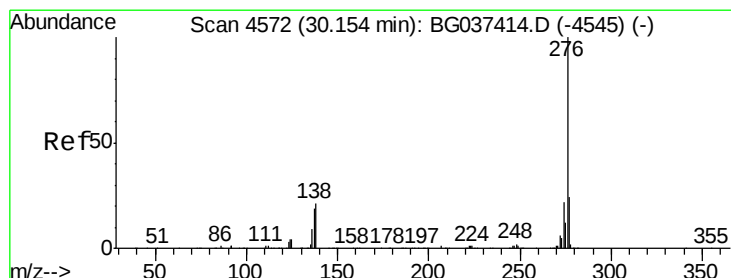
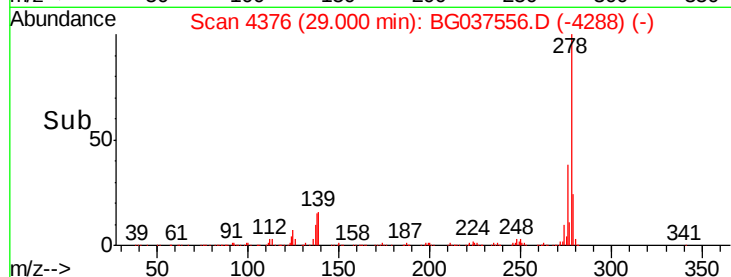
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 50.153 ng

RT: 30.15 min Scan# 4571

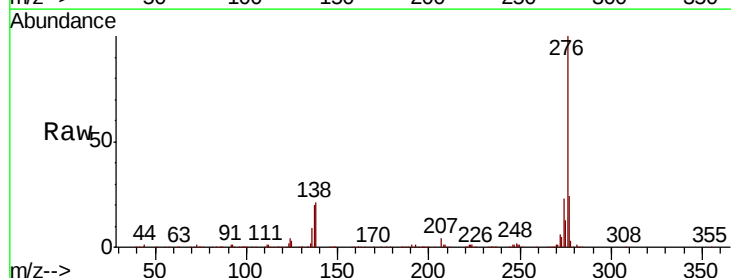
Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:276 Resp: 1047508

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.4	17.2	25.8

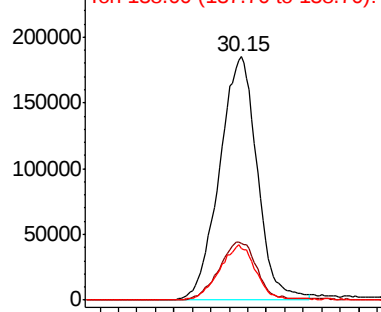


Abundance

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



Time-->

