

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037557.D
 Acq On : 25 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5603-19MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Quant Time: Oct 26 08:07:06 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	68637	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	321481	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	210891	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	474768	20.00	ng	0.00
76) Chrysene-d12	21.77	240	405881	20.00	ng	0.00
87) Perylene-d12	25.10	264	422595	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	254002	61.87	ng	0.00
7) Phenol-d6	7.25	99	245454	39.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	442890	77.17	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265795	115.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1002183	71.66	ng	0.00
79) Terphenyl-d14	20.08	244	1410085	74.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	27555	13.235	ng	99
3) Pyridine	3.93	79	65279	12.440	ng	93
4) n-Nitrosodimethylamine	3.85	42	39817	21.303	ng	# 96
6) Aniline	7.42	93	149424	19.730	ng	98
8) 2-Chlorophenol	7.67	128	187047	38.946	ng	100
9) Benzaldehyde	7.24	77	120559	31.045	ng	97
10) Phenol	7.27	94	115465	17.628	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	208068	41.825	ng	96
12) 1,3-Dichlorobenzene	7.99	146	191293	35.777	ng	98
13) 1,4-Dichlorobenzene	8.14	146	195520	35.749	ng	99
14) 1,2-Dichlorobenzene	8.46	146	188247	35.781	ng	98
15) Benzyl Alcohol	8.34	79	135317	29.500	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	384760	43.225	ng	98
17) 2-Methylphenol	8.53	107	148819	34.367	ng	99
18) Hexachloroethane	9.19	117	68145	36.547	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	183802	42.996	ng	96
20) 3+4-Methylphenols	8.86	107	186526	30.127	ng	96
22) Acetophenone	8.93	105	336439	41.728	ng	# 98
24) Nitrobenzene	9.33	77	258627	43.381	ng	94
25) Isophorone	9.84	82	525334	50.100	ng	96
26) 2-Nitrophenol	10.03	139	125931	46.889	ng	98
27) 2,4-Dimethylphenol	10.07	122	217404	45.337	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	311979	45.412	ng	97
29) 2,4-Dichlorophenol	10.56	162	233708	43.773	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	219571	37.817	ng	99
31) Naphthalene	10.98	128	677707	42.919	ng	100
32) Benzoic acid	10.17	122	50647	16.261	ng	96
33) 4-Chloroaniline	11.08	127	117058	15.778	ng	97
34) Hexachlorobutadiene	11.24	225	122507	35.600	ng	95
35) Caprolactam	11.93	113	4980	2.326	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	247339	41.077	ng	98
37) 2-Methylnaphthalene	12.57	142	532309	46.246	ng	99
38) 1-Methylnaphthalene	12.79	142	510758	45.692	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	273152	40.155	ng	99

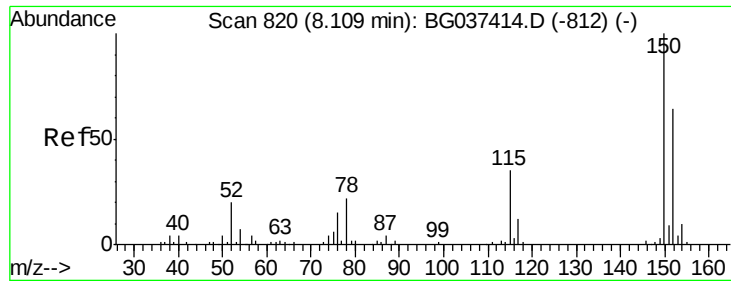
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	285814	87.961	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	209062	46.003	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	222271	44.922	nq	98
46) 1,1'-Biphenyl	13.57	154	698918	40.017	nq	99
47) 2-Chloronaphthalene	13.62	162	553586	41.896	nq	99
48) 2-Nitroaniline	13.83	65	192463	48.032	nq	96
49) Acenaphthylene	14.46	152	917538	46.162	nq	99
50) Dimethylphthalate	14.19	163	757057	46.403	nq	100
51) 2,6-Dinitrotoluene	14.32	165	170053	47.117	nq	98
52) Acenaphthene	14.80	154	542964	44.355	nq	99
53) 3-Nitroaniline	14.65	138	92610	23.114	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	174565	96.209	nq	93
55) Dibenzofuran	15.14	168	860589	42.432	nq	97
56) 4-Nitrophenol	14.94	139	149809	50.513	nq	97
57) 2,4-Dinitrotoluene	15.10	165	232859	49.151	nq	96
58) Fluorene	15.79	166	699510	46.057	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	197945	46.724	nq	99
60) Diethylphthalate	15.54	149	740956	44.237	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	371446	41.959	nq	97
62) 4-Nitroaniline	15.81	138	167113	41.974	nq	93
63) Azobenzene	16.07	77	708128	44.310	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	124703	49.690	nq	98
66) n-Nitrosodiphenylamine	15.99	169	634007	44.395	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	231534	44.409	nq	96
68) Hexachlorobenzene	16.78	284	233006	43.121	nq	97
69) Atrazine	16.93	200	231450	44.825	nq	98
70) Pentachlorophenol	17.12	266	276783	76.470	nq	97
71) Phenanthrene	17.53	178	1104835	45.788	nq	98
72) Anthracene	17.62	178	1115715	47.117	nq	96
73) Carbazole	17.89	167	1015999	42.894	nq	99
74) Di-n-butylphthalate	18.42	149	1197484	45.447	nq	99
75) Fluoranthene	19.53	202	1251358	45.725	nq	98
77) Benzidine	19.72	184	296873	21.511	nq	100
78) Pyrene	19.89	202	1241659	46.797	nq	98
80) Butylbenzylphthalate	20.76	149	549662	50.618	nq	99
81) Benzo(a)anthracene	21.75	228	1161643	48.387	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	253527	27.245	nq	99
83) Chrysene	21.82	228	1078687	46.727	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	770215	50.602	nq	97
85) Di-n-octyl phthalate	22.87	149	1288995	51.933	nq	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1259894	50.884	nq	99
88) Benzo(b)fluoranthene	24.03	252	1142726	49.323	nq	98
89) Benzo(k)fluoranthene	24.11	252	1122798	49.465	nq	97
90) Benzo(a)pyrene	24.95	252	1110120	50.425	nq	99
91) Dibenzo(a,h)anthracene	29.00	278	1027693	50.607	nq	96
92) Benzo(g,h,i)perylene	30.14	276	1049382	51.077	nq	99

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

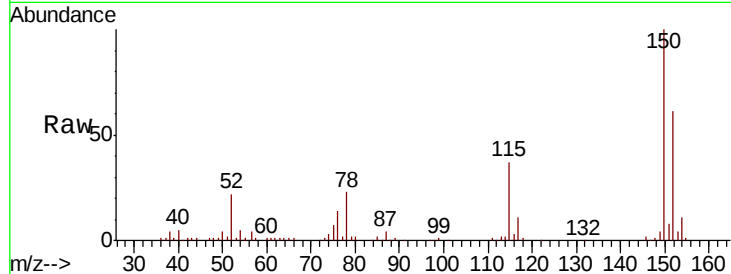


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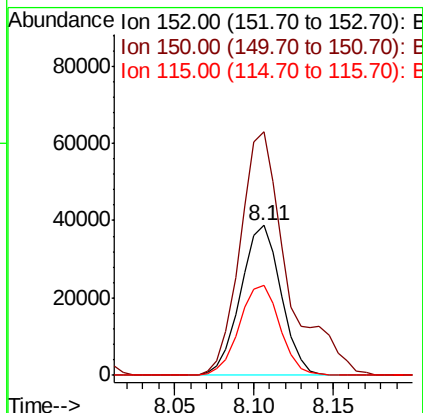
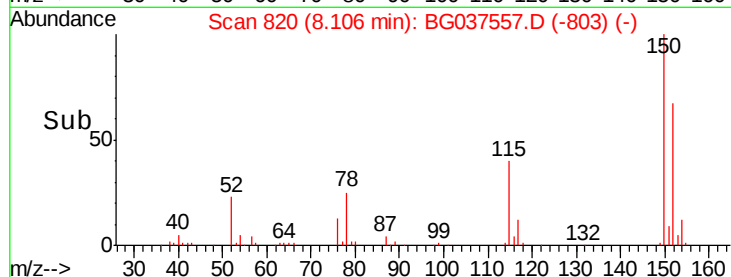
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:152 Resp: 68637
Ion Ratio Lower Upper
152 100
150 162.7 126.0 189.0
115 59.8 45.5 68.3



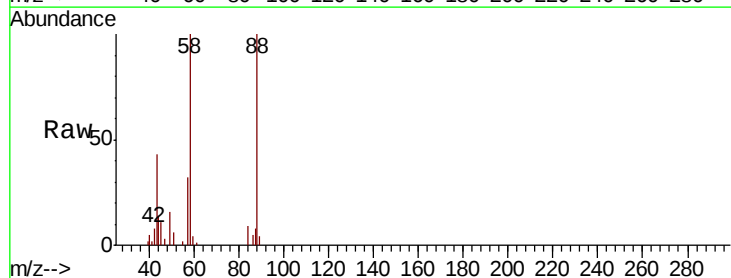
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



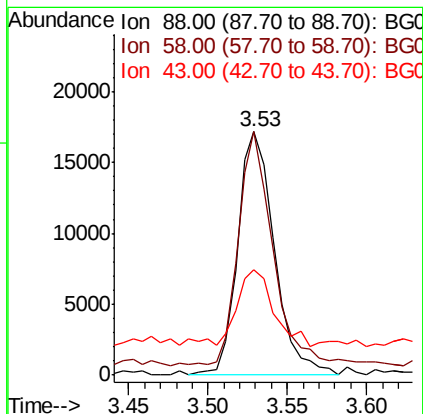
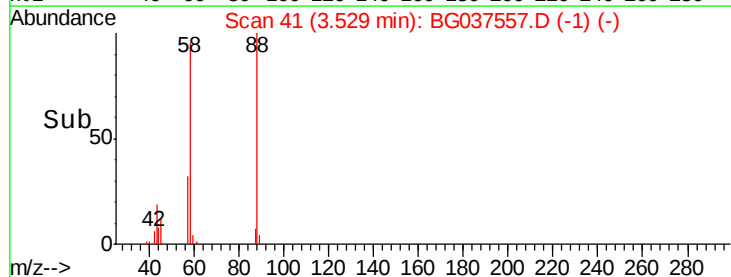
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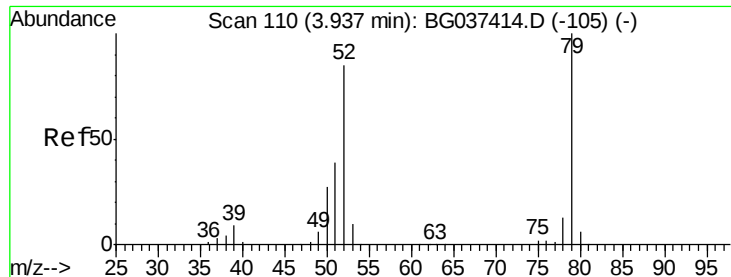
1,4-Dioxane
Concen: 13.235 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion: 88 Resp: 27555
Ion Ratio Lower Upper
88 100
58 93.1 74.4 111.6
43 30.4 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: 12.440 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

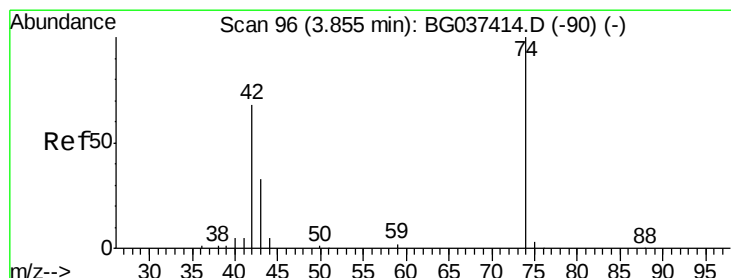
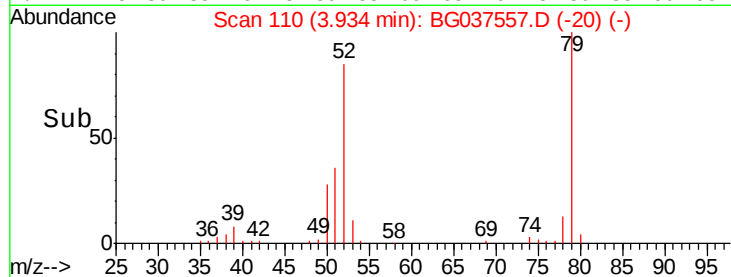
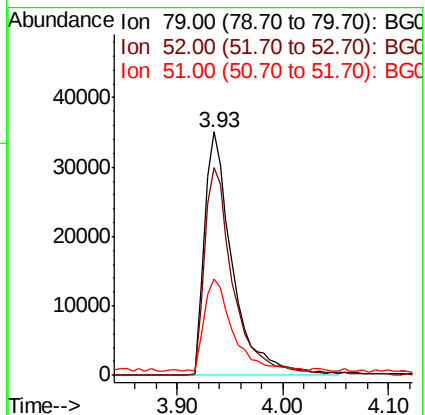
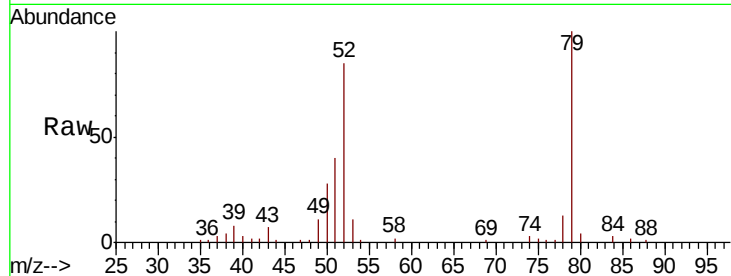
Tot Ion: 79 Resp: 65279

Ion Ratio Lower Upper

79 100

52 85.2 74.2 111.2

51 39.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 21.303 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

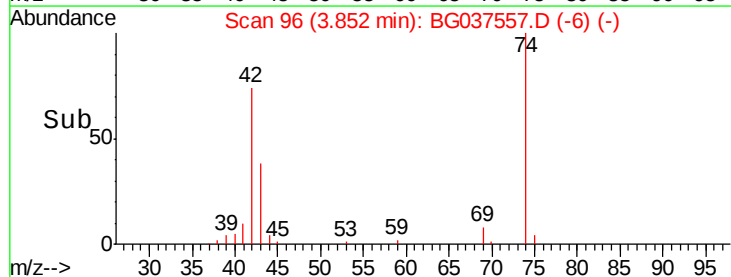
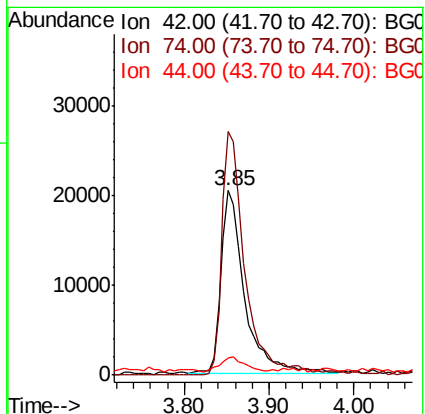
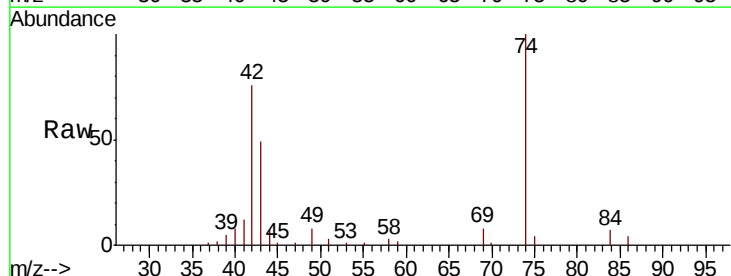
Tgt Ion: 42 Resp: 39817

Ion Ratio Lower Upper

42 100

74 132.0 102.0 153.0

44 9.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 61.870 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

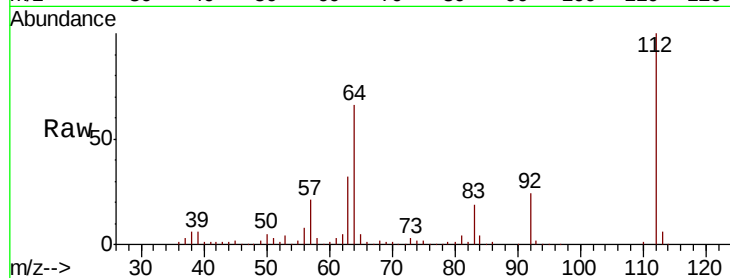
Tot Ion:112 Resp: 254002

Ion Ratio Lower Upper

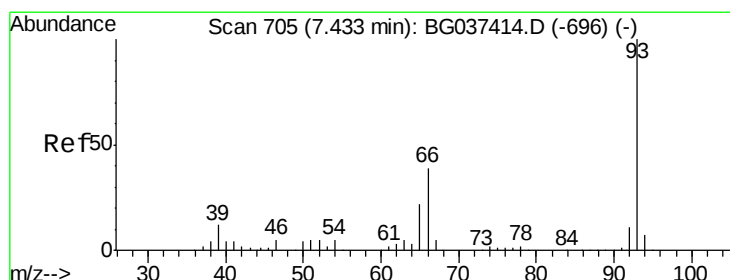
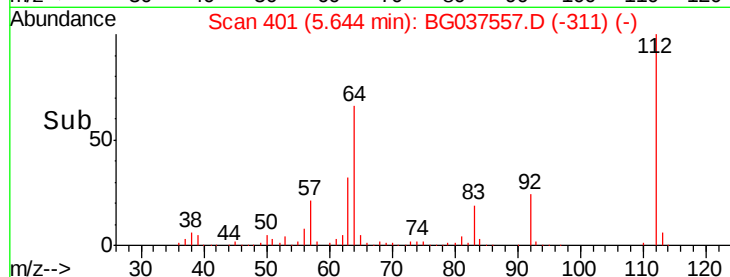
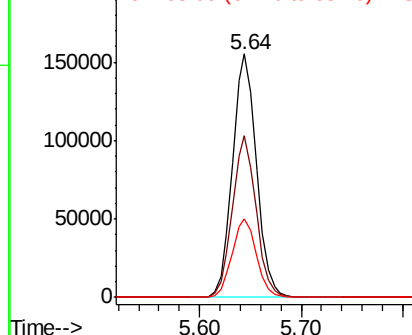
112 100

64 66.4 53.1 79.7

63 32.1 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: 19.730 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

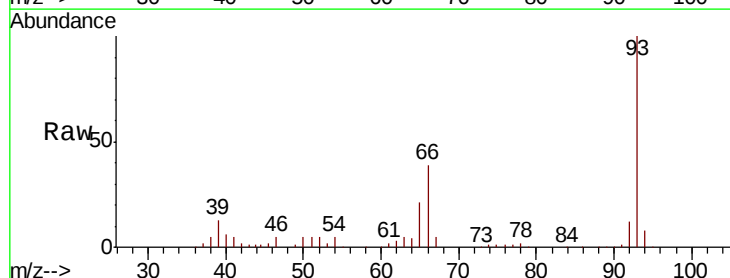
Tgt Ion: 93 Resp: 149424

Ion Ratio Lower Upper

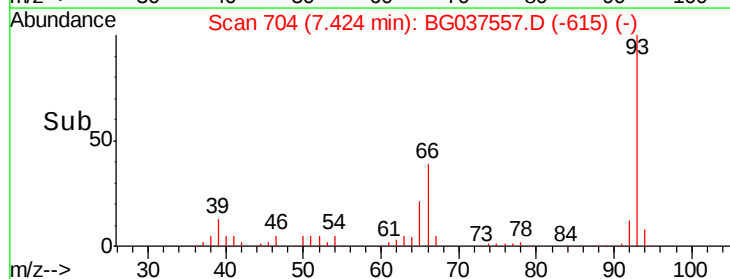
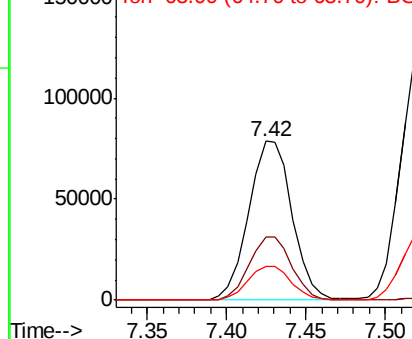
93 100

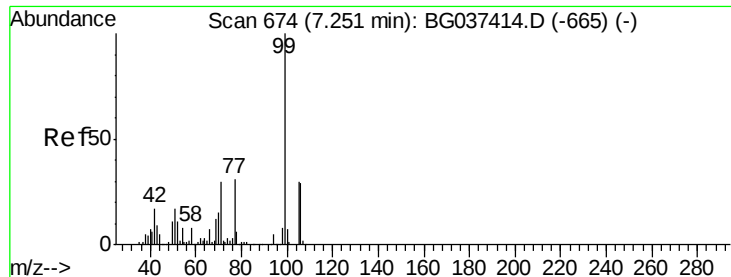
66 39.3 32.8 49.2

65 21.2 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: 39.539 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

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ClientSampleId :

RAV-GT104MSD

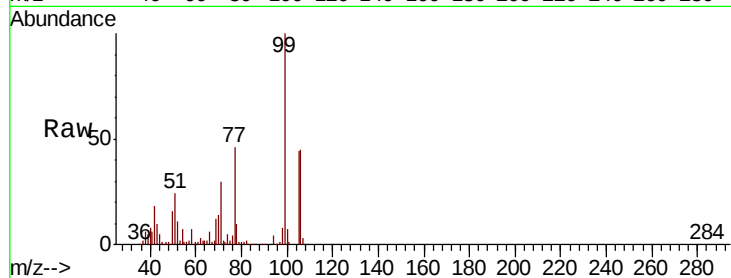
Tot Ion: 99 Resp: 245454

Ion Ratio Lower Upper

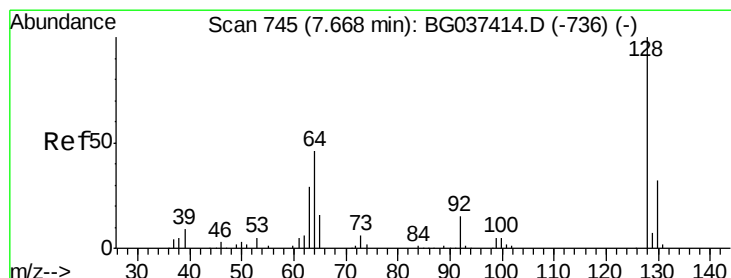
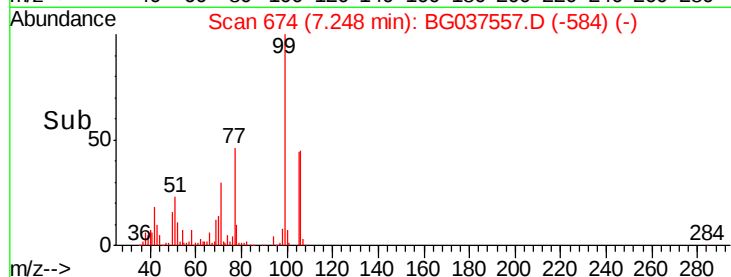
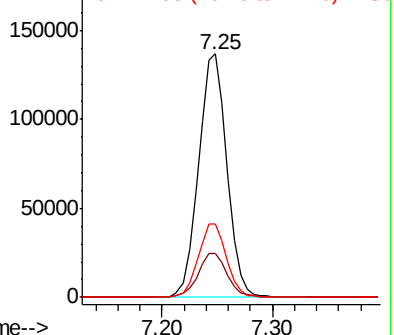
99 100

42 17.8 15.0 22.4

71 30.2 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: 38.946 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

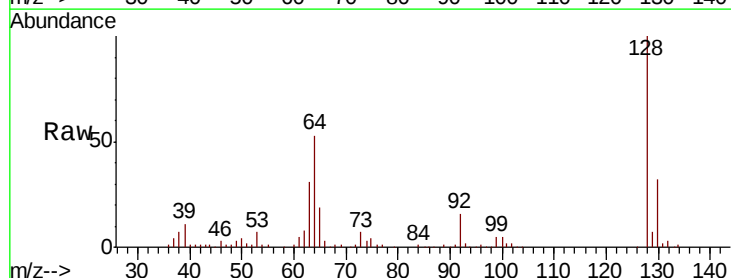
Tgt Ion: 128 Resp: 187047

Ion Ratio Lower Upper

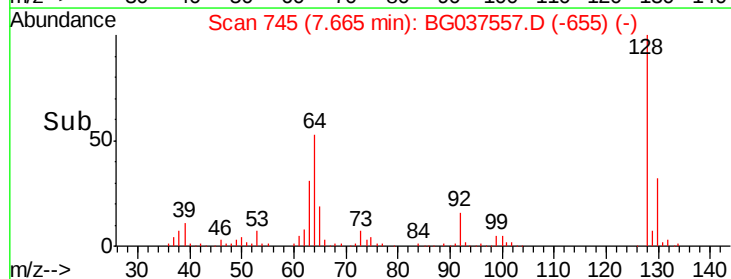
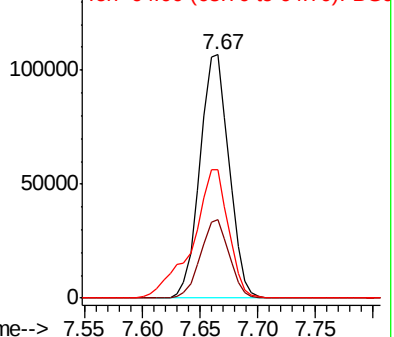
128 100

130 32.1 12.0 52.0

64 52.6 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: 31.045 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

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RAV-GT104MSD

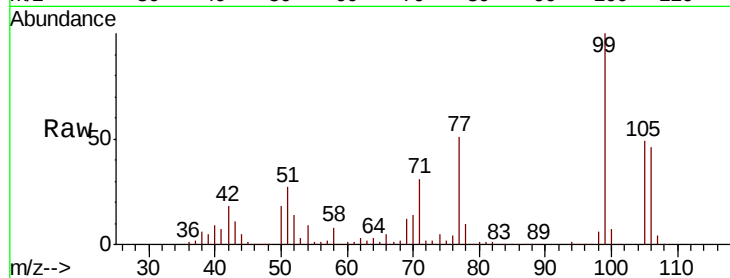
Tot Ion: 77 Resp: 120559

Ion Ratio Lower Upper

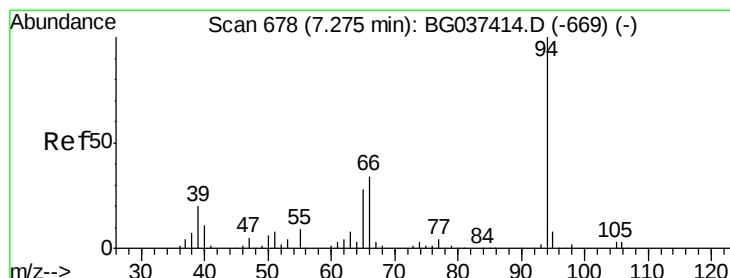
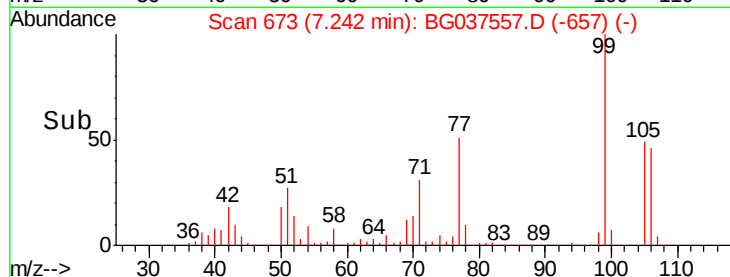
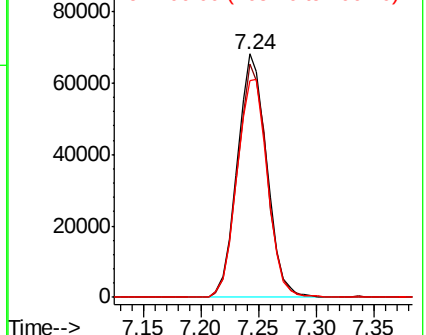
77 100

105 95.9 72.6 112.6

106 89.2 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: 17.628 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

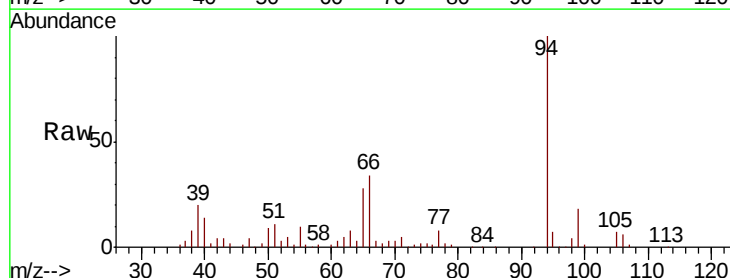
Tgt Ion: 94 Resp: 115465

Ion Ratio Lower Upper

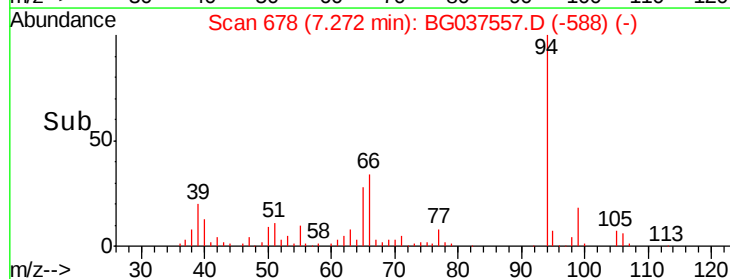
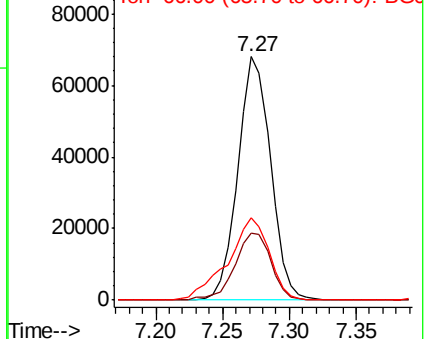
94 100

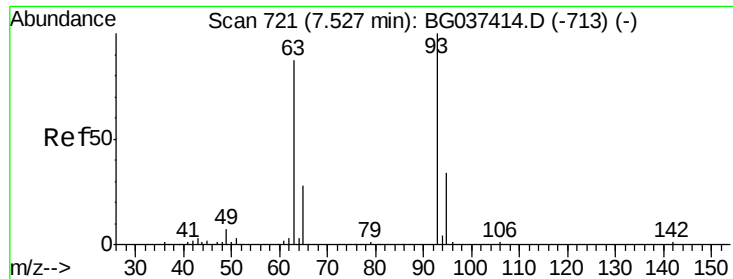
65 27.7 9.7 49.7

66 33.9 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

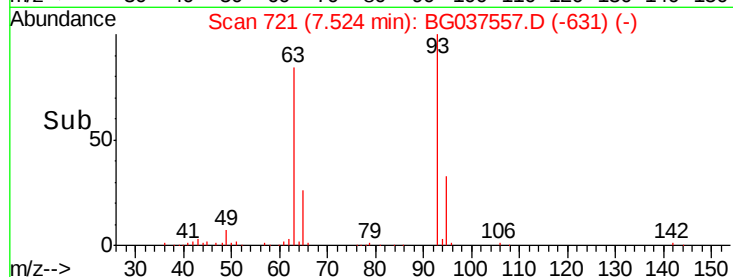
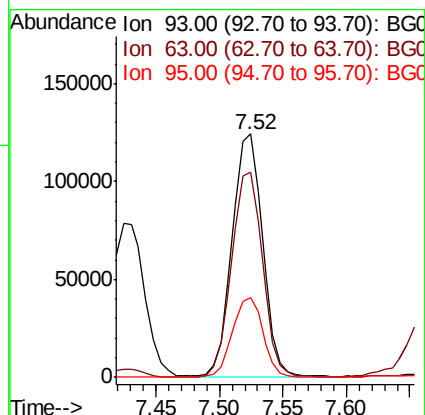
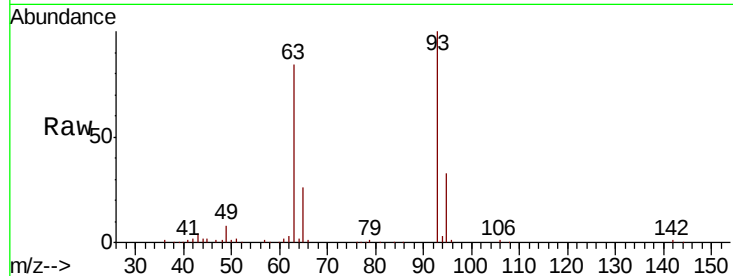




#11
bis(2-Chloroethyl)ether
Concen: 41.825 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

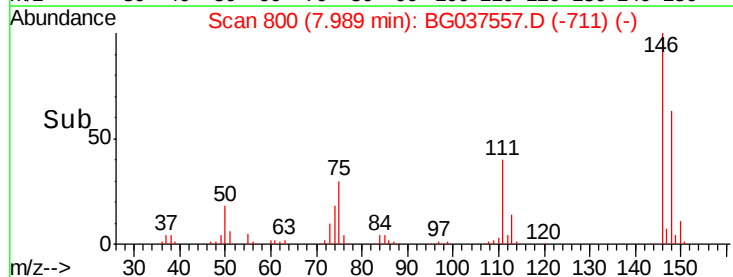
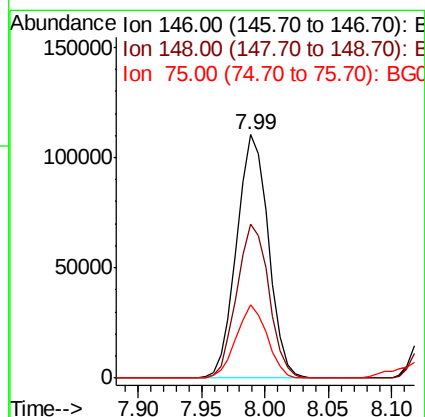
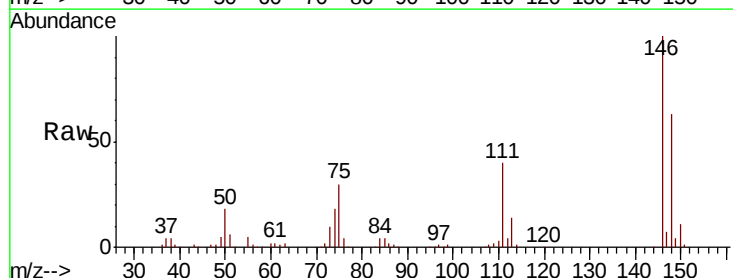
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion: 93 Resp: 208068
Ion Ratio Lower Upper
93 100
63 84.1 69.5 109.5
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 35.777 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion: 146 Resp: 191293
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.8
75 30.0 23.2 34.8

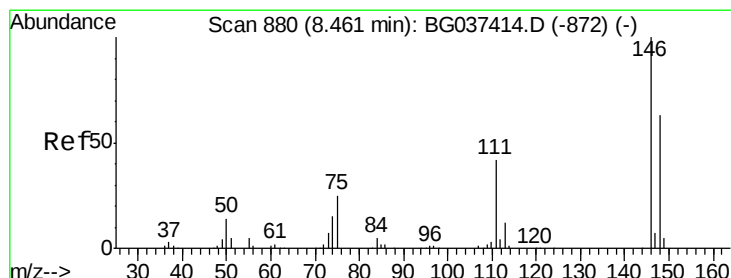
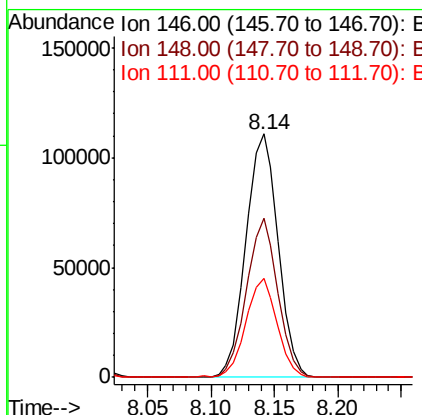
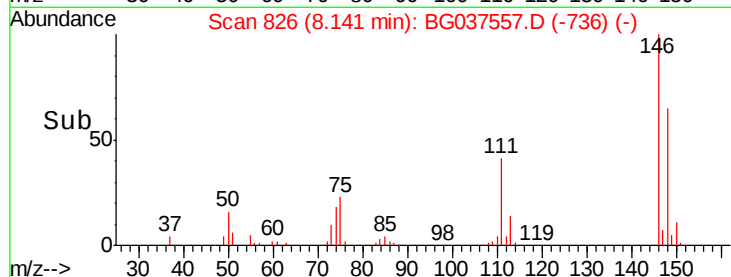
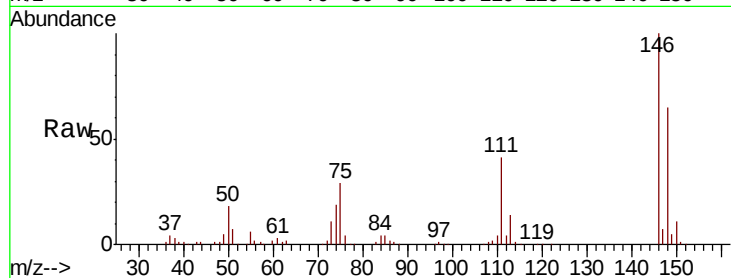




#13
 1,4-Dichlorobenzene
 Concen: 35.749 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

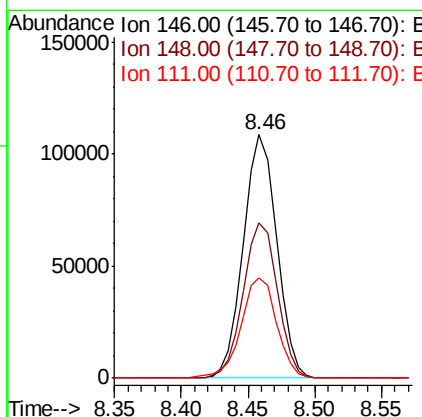
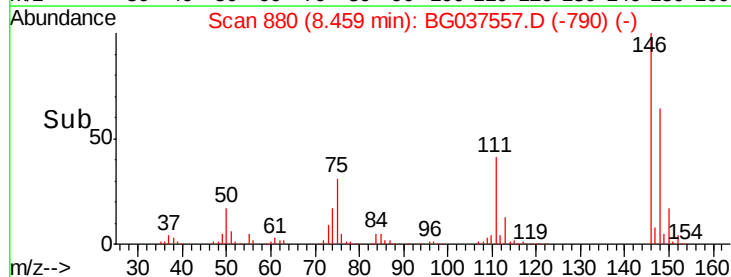
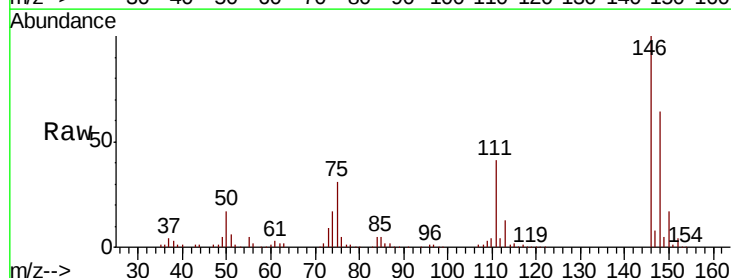
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

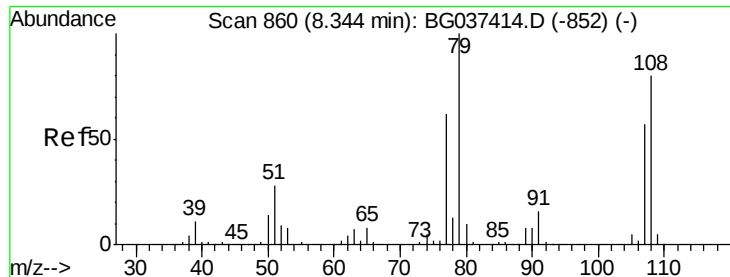
Tot Ion:146 Resp: 195520
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 40.6 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 35.781 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:146 Resp: 188247
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 41.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 29.500 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

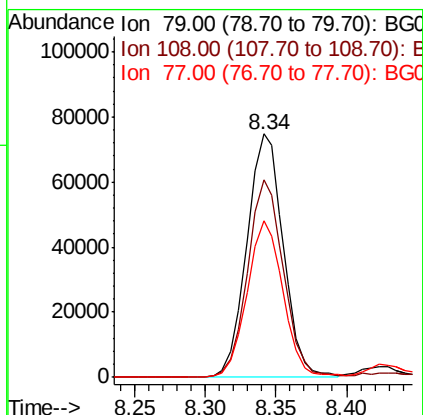
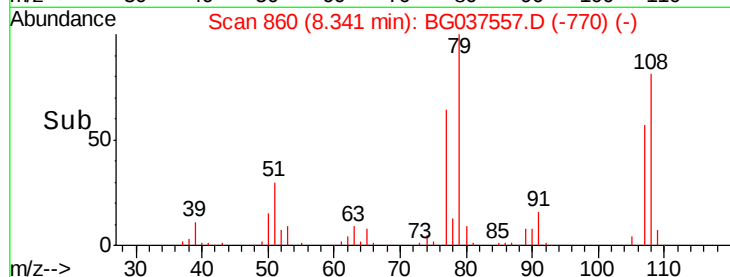
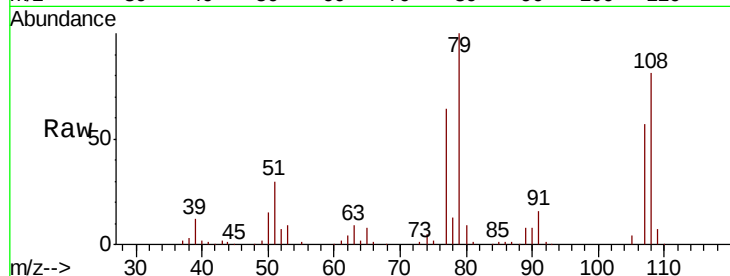
Tot Ion: 79 Resp: 135317

Ion Ratio Lower Upper

79 100

108 80.9 65.8 98.8

77 64.2 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.225 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

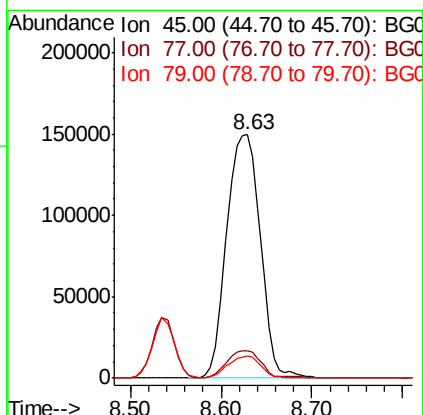
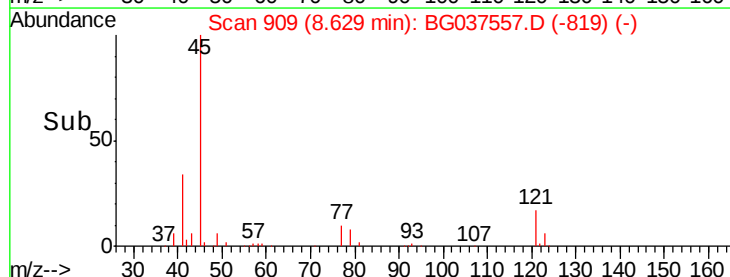
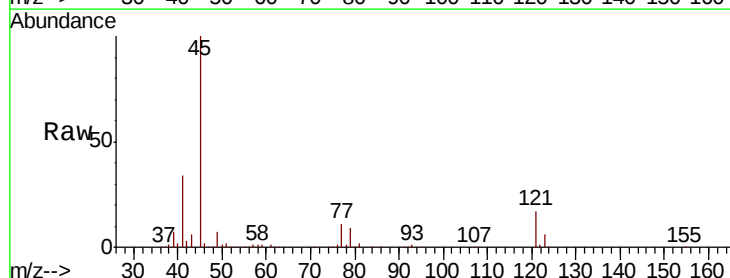
Tgt Ion: 45 Resp: 384760

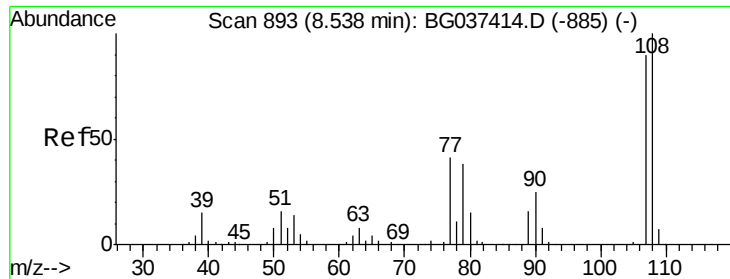
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.0

79 9.0 0.0 29.0

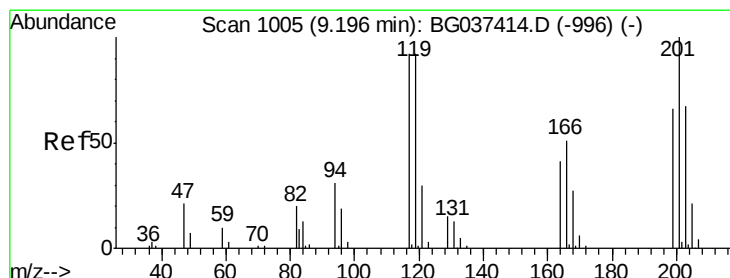
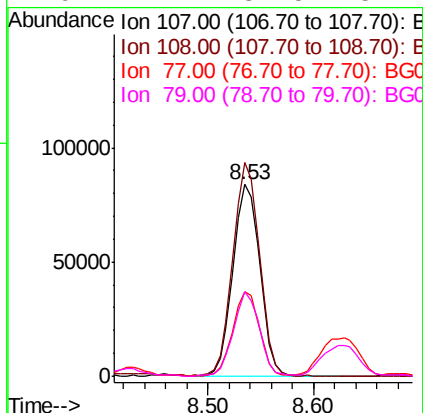
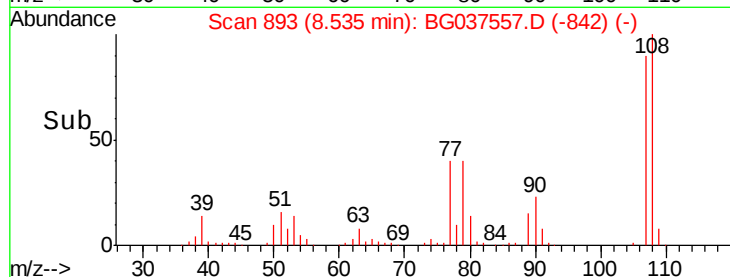
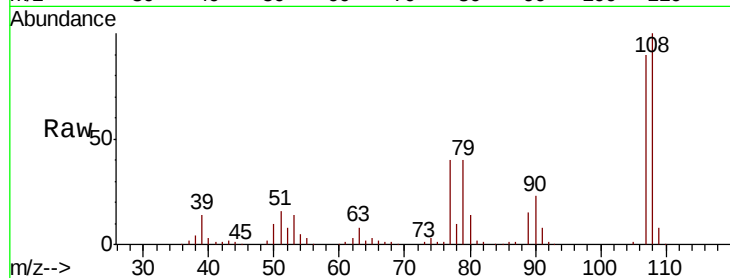




#17
2-Methylphenol
Concen: 34.367 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

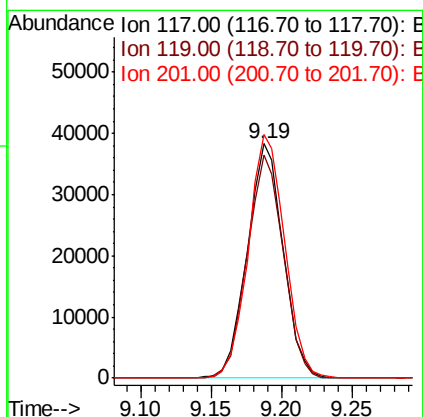
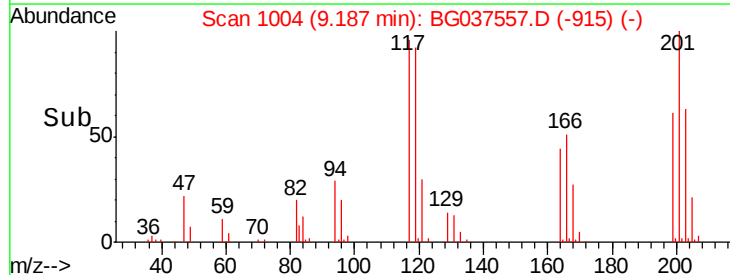
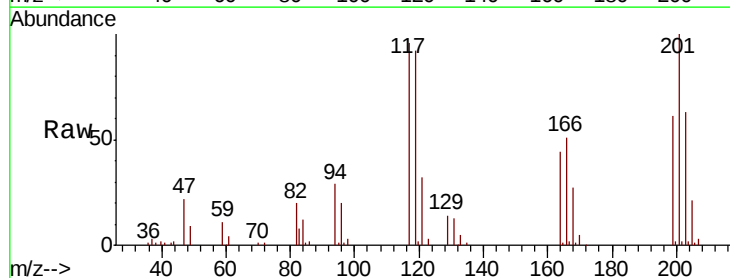
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

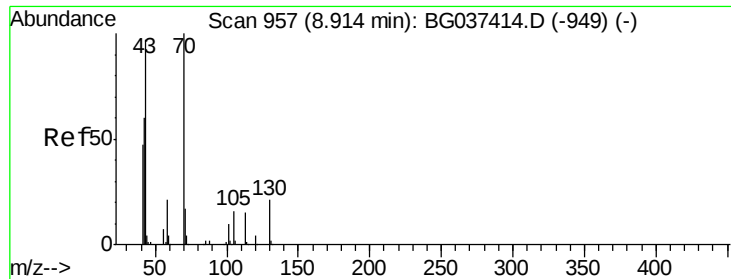
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	44.2	35.1	52.7
79	44.1	34.5	51.7



#18
Hexachloroethane
Concen: 36.547 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	111.8
201	106.3	80.8	121.2

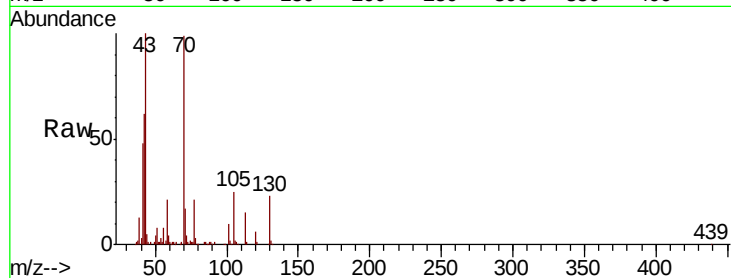




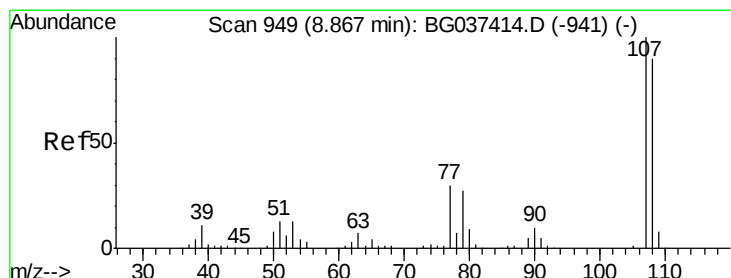
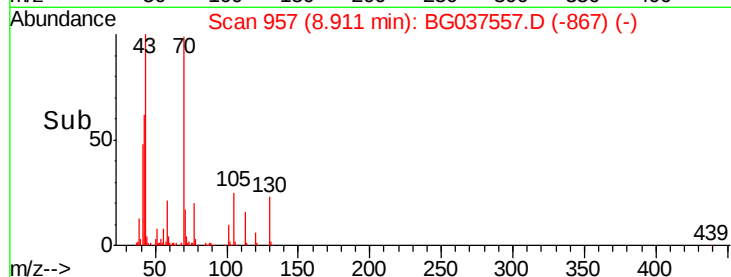
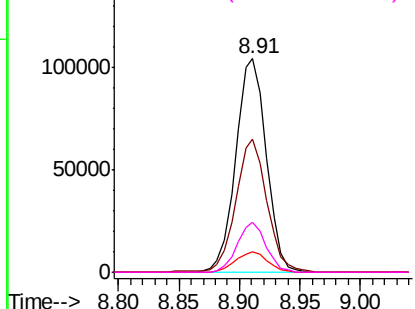
#19
n-Nitroso-di-n-propylamine
Concen: 42.996 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:	70	Resp:	183802
Ion	Ratio	Lower	Upper
70	100		
42	62.5	53.9	80.9
101	9.8	8.2	12.2
130	23.2	18.2	27.4

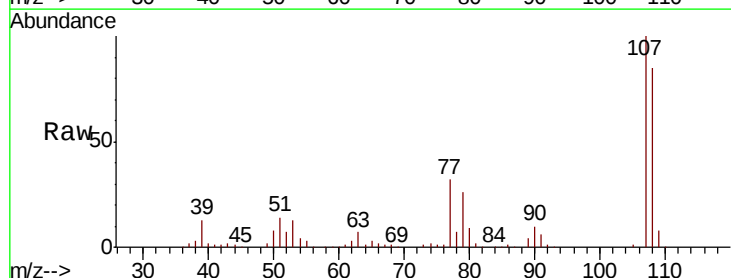


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

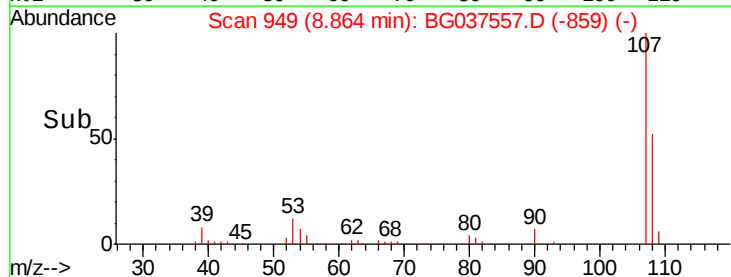
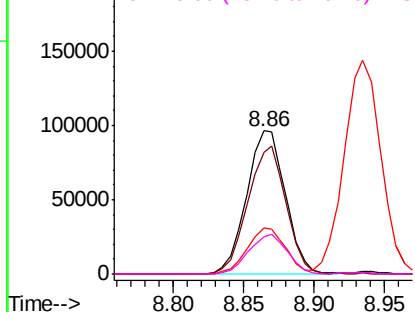


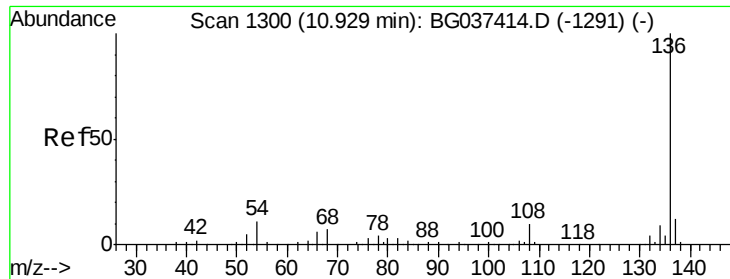
#20
3+4-Methylphenols
Concen: 30.127 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:	107	Resp:	186526
Ion	Ratio	Lower	Upper
107	100		
108	85.1	69.9	109.9
77	32.3	11.2	51.2
79	26.3	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

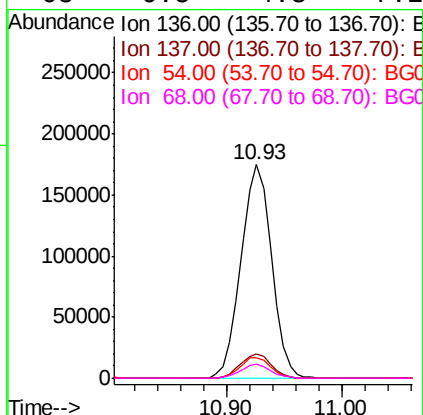
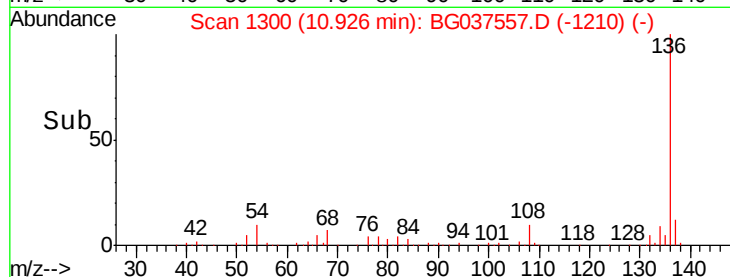
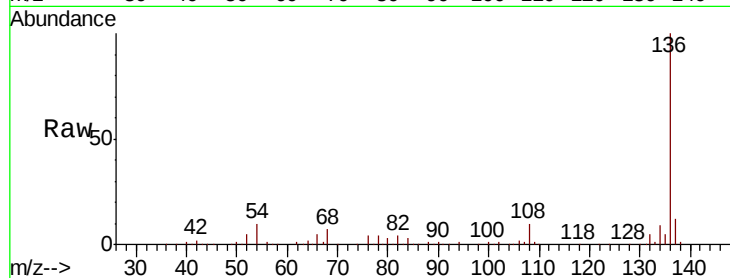




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

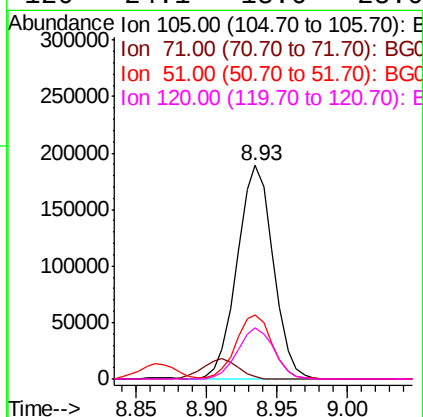
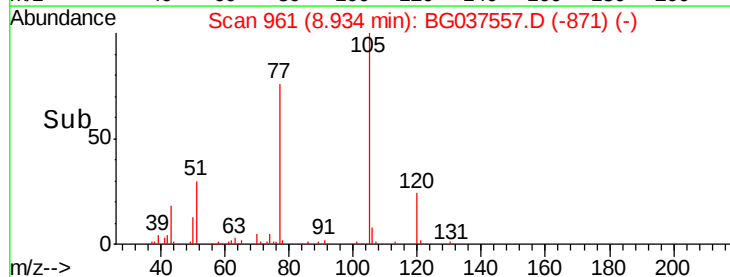
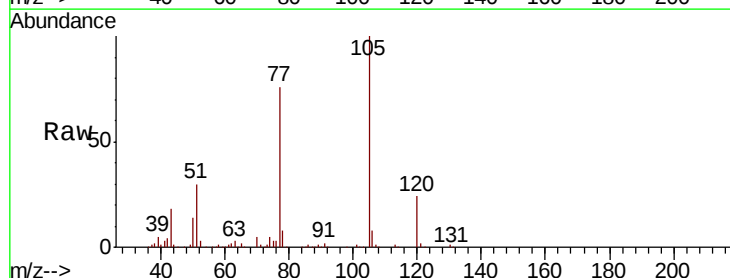
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:136	Resp:	321481
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	9.8	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 41.728 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:105	Resp:	336439
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.2 1.8#
51	29.9	25.0 37.6
120	24.1	18.6 28.0

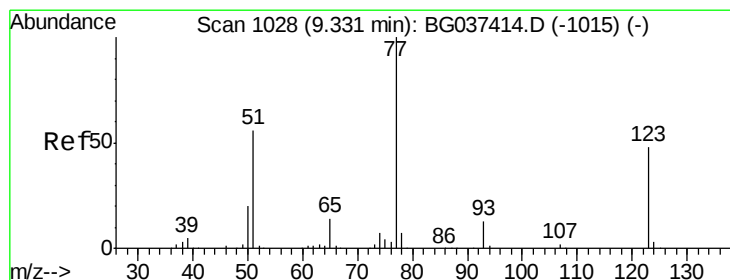
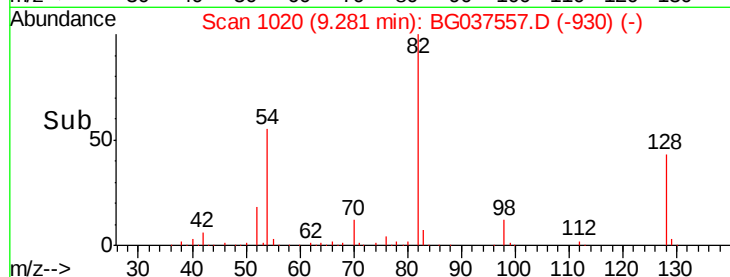
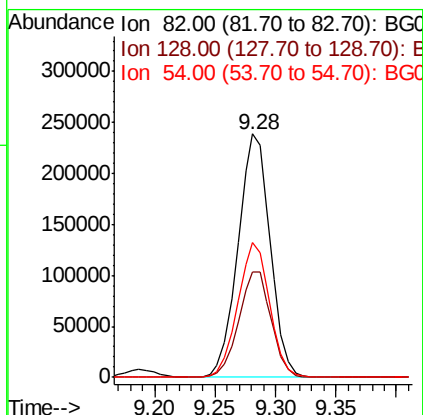
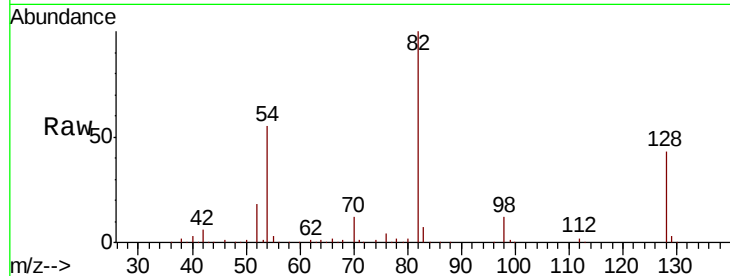




#23
 Nitrobenzene-d5
 Concen: 77.175 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

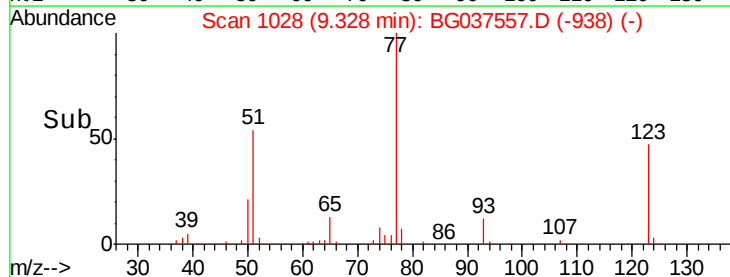
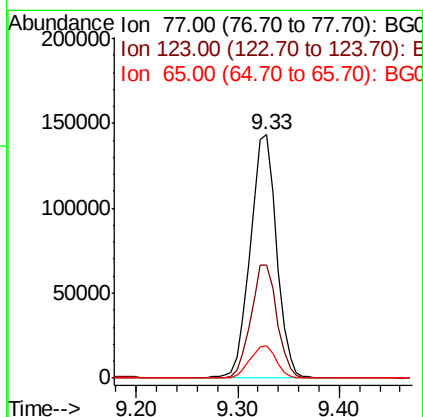
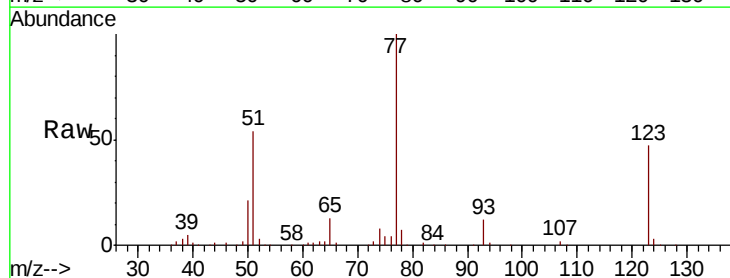
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	82	Resp	442890
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	55.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 43.381 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	77	Resp	258627
Ion Ratio	Lower	Upper	
77	100		
123	46.6	33.6	50.4
65	13.2	11.3	16.9





#25

Isophorone

Concen: 50.100 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

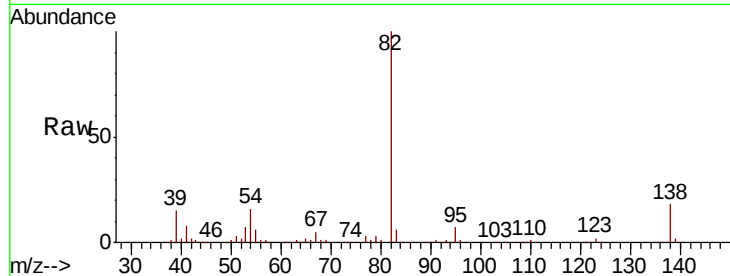
Tot Ion: 82 Resp: 525334

Ion Ratio Lower Upper

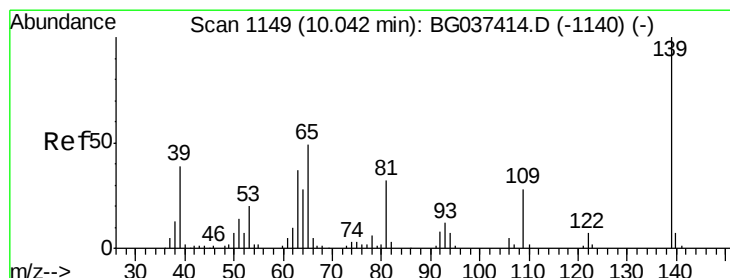
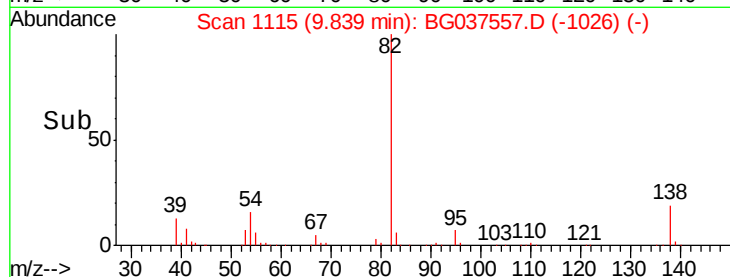
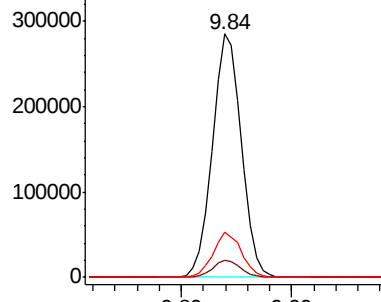
82 100

95 7.1 5.3 7.9

138 18.5 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: 46.889 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

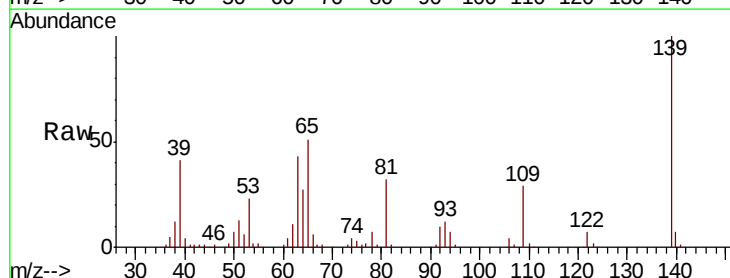
Tgt Ion: 139 Resp: 125931

Ion Ratio Lower Upper

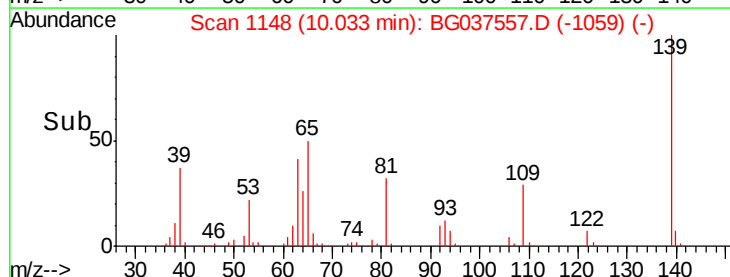
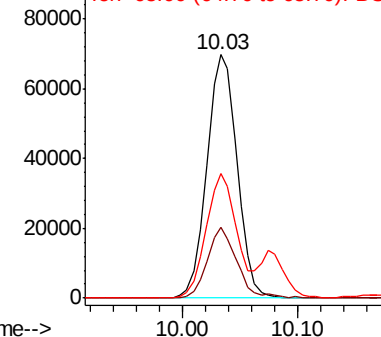
139 100

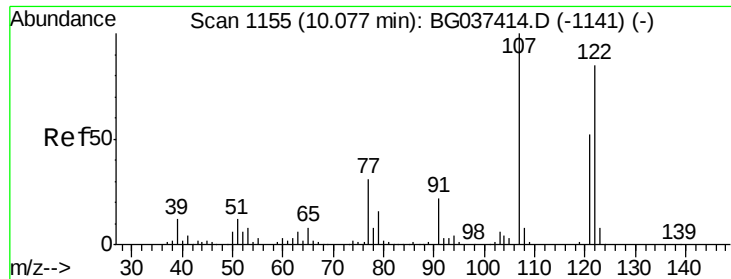
109 28.9 23.3 34.9

65 51.4 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

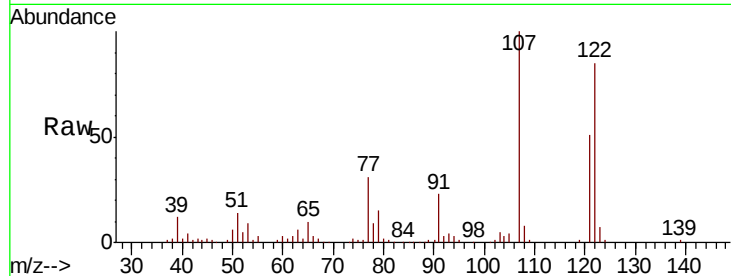




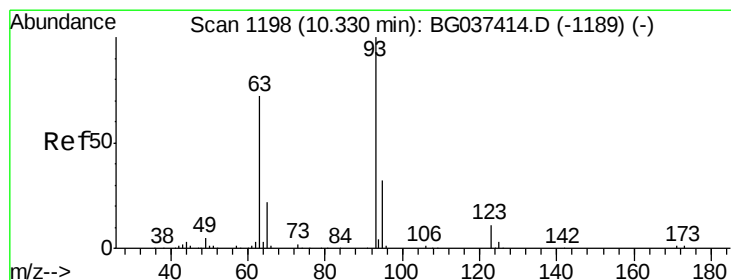
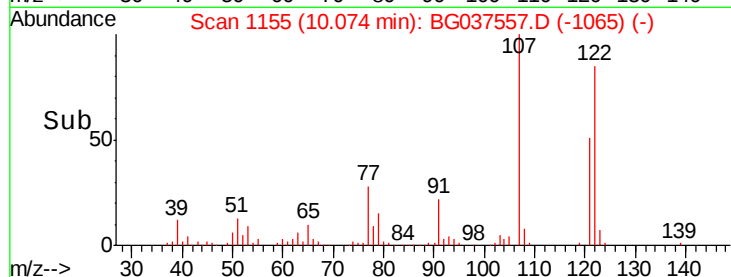
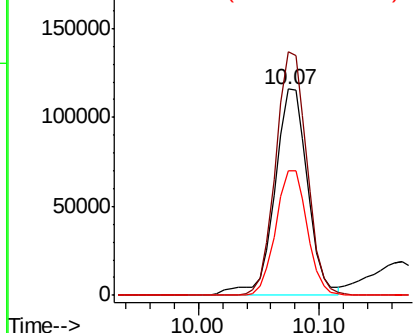
#27
2,4-Dimethylphenol
Concen: 45.337 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:122 Resp: 217404
Ion Ratio Lower Upper
122 100
107 118.2 94.2 141.2
121 60.4 47.3 70.9

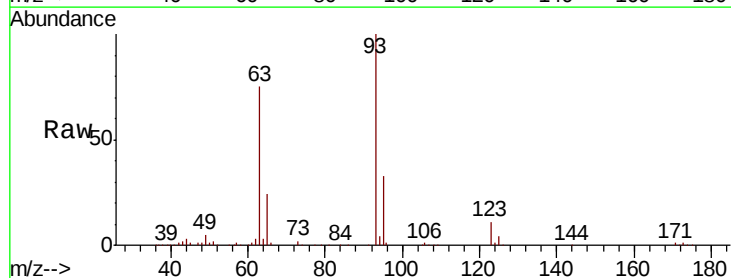


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

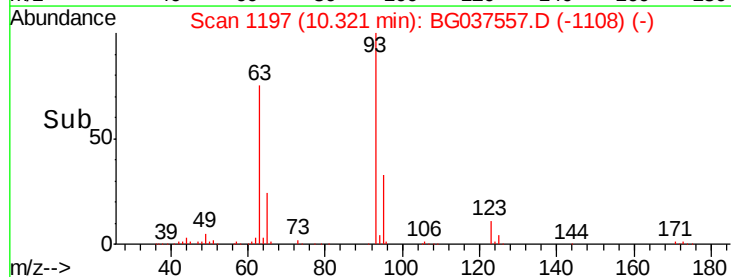
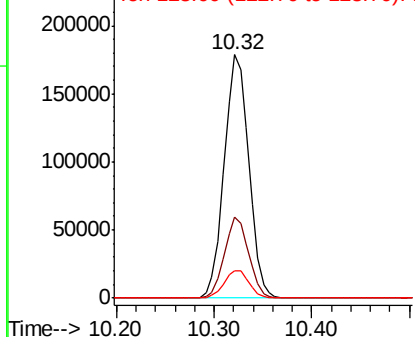


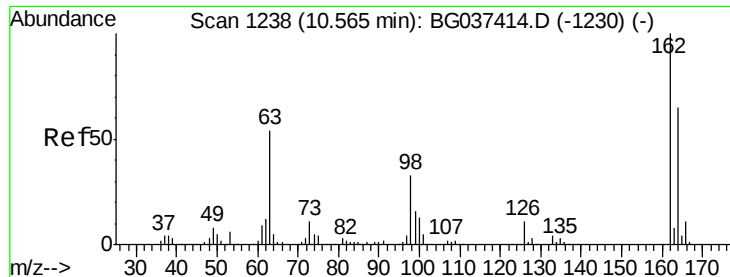
#28
bis(2-Chloroethoxy)methane
Concen: 45.412 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion: 93 Resp: 311979
Ion Ratio Lower Upper
93 100
95 33.2 24.6 37.0
123 11.4 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

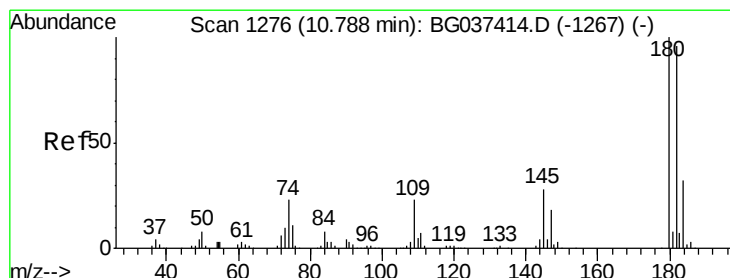
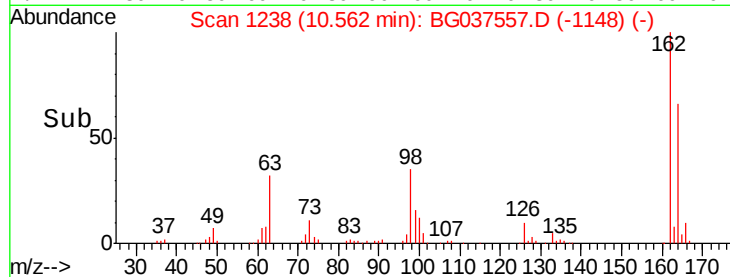
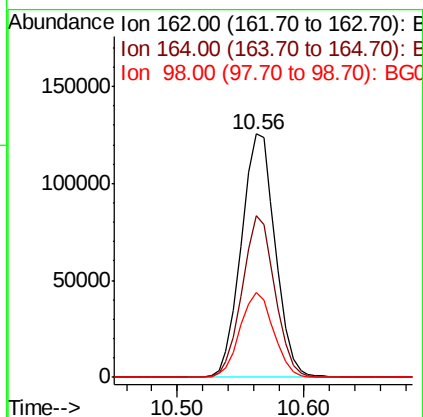
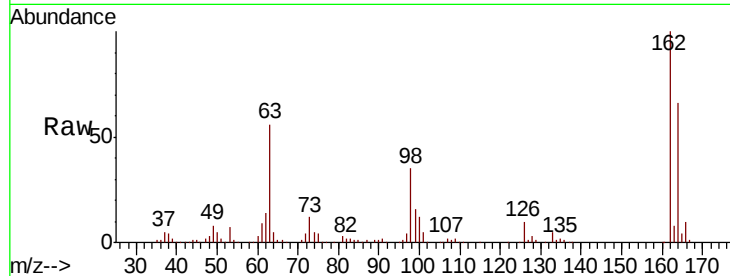




#29
 2,4-Dichlorophenol
 Concen: 43.773 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

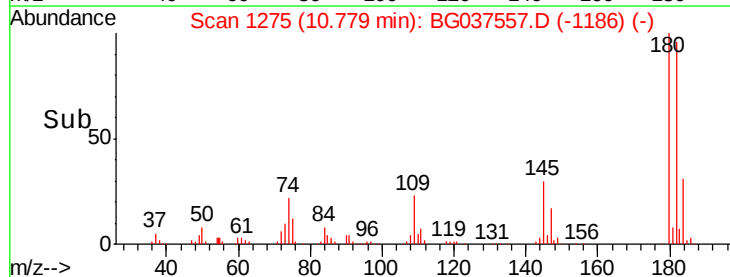
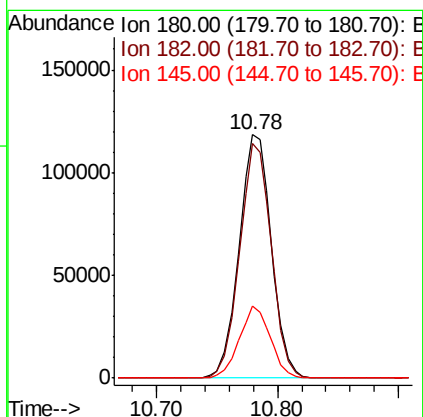
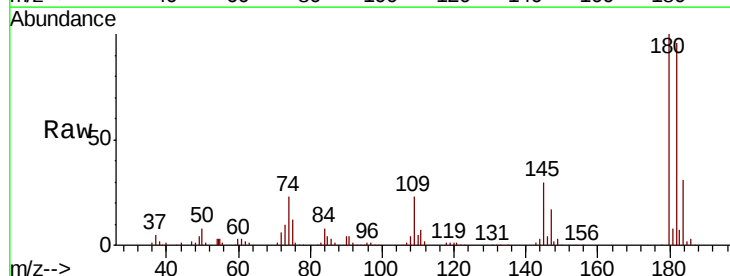
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

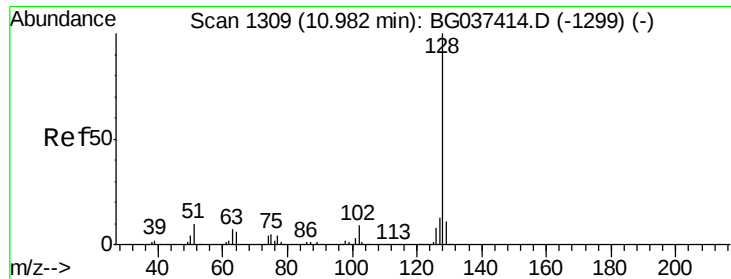
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.2	83.2
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.817 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.7	116.5
145	29.8	23.3	34.9

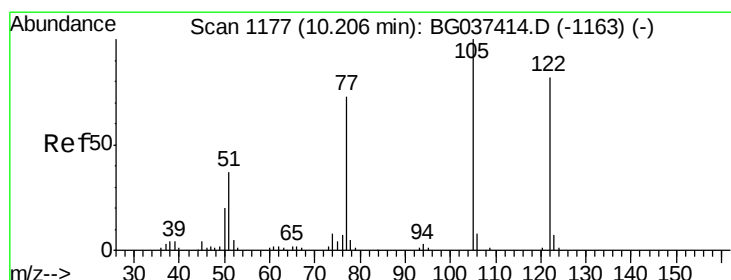
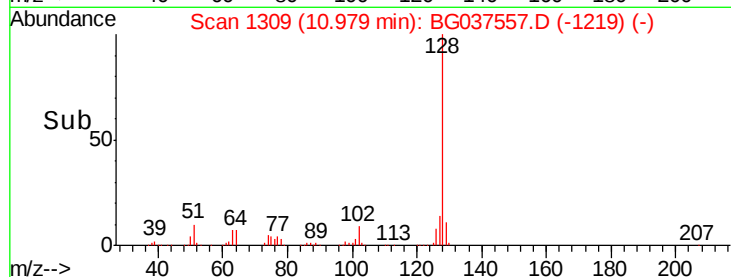
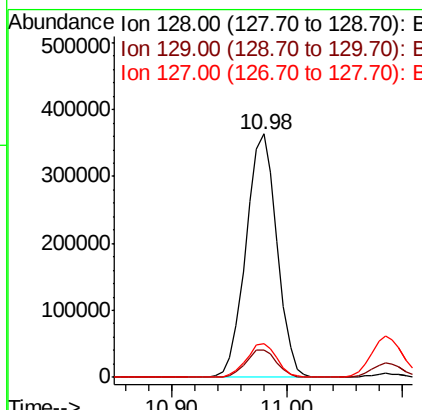
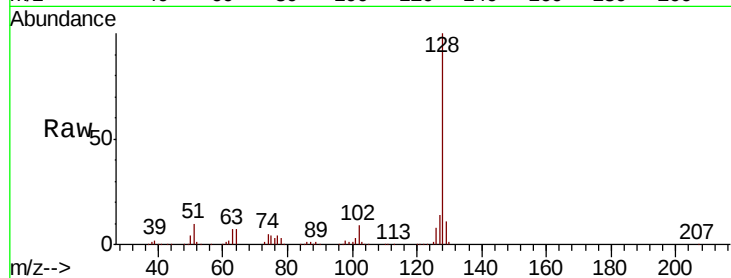




#31
Naphthalene
Concen: 42.919 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

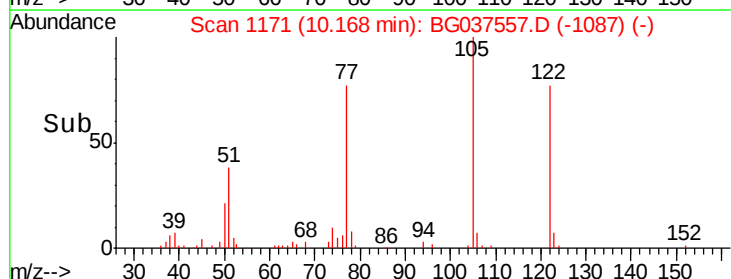
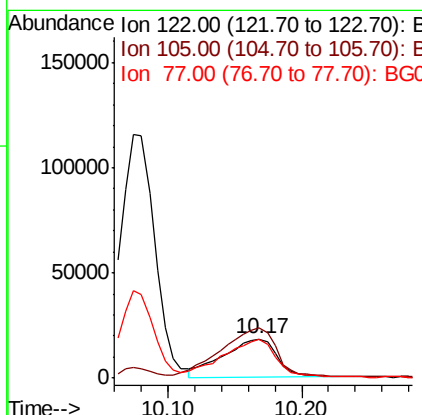
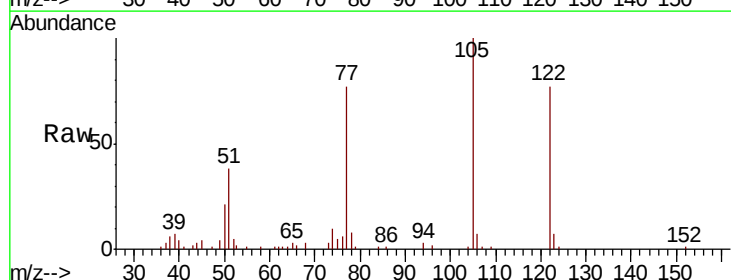
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

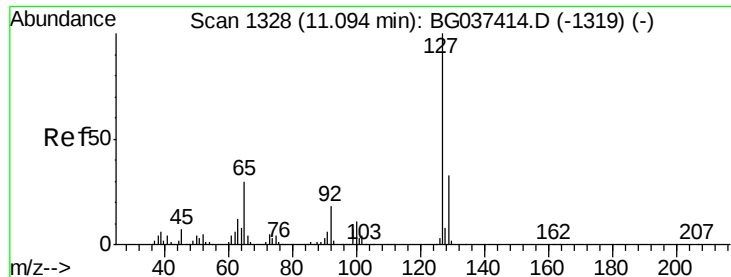
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	11.1	16.7



#32
Benzoic acid
Concen: 16.261 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	106.7	146.7
77	99.3	72.2	112.2

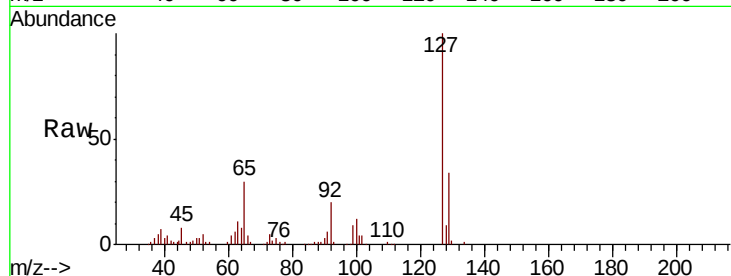




#33
4-Chloroaniline
Concen: 15.778 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:127	Resp:	117058	
Ion Ratio	Lower	Upper	
127 100			
129 33.8	27.1	40.7	
65 29.8	26.6	39.8	
92 19.5	16.4	24.6	



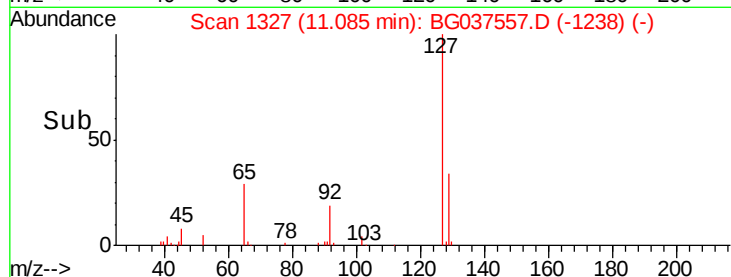
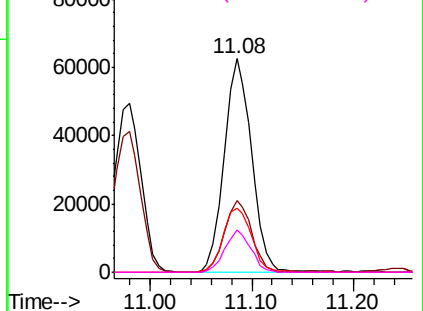
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

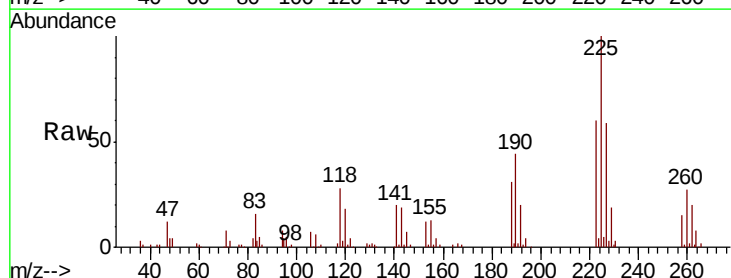
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.600 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:225	Resp: 122507
Ion Ratio	Lower Upper
225 100	
223 57.6	48.2 72.4
227 59.5	51.6 77.4

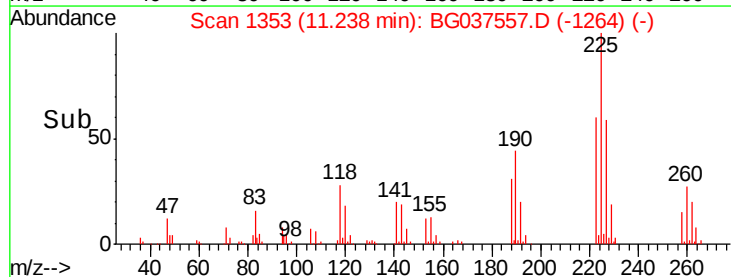
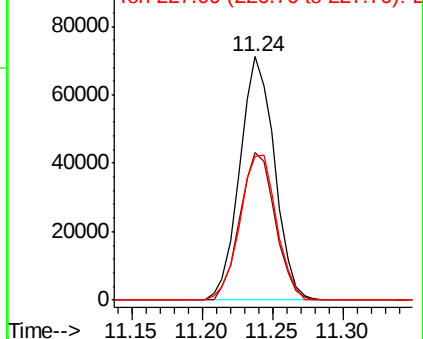


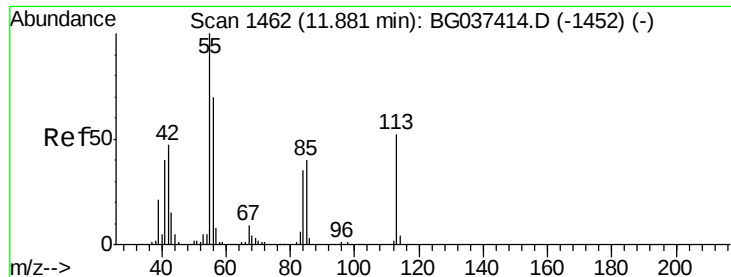
Abundance

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

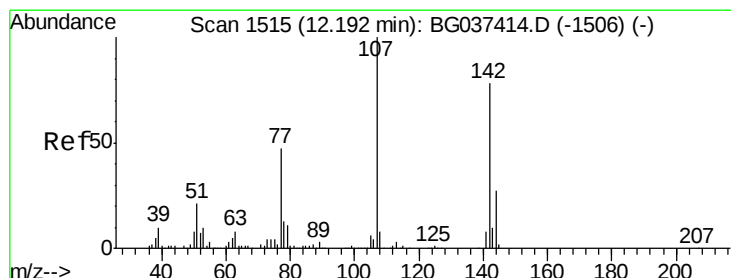
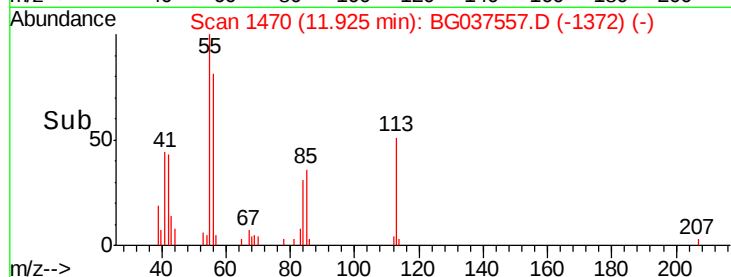
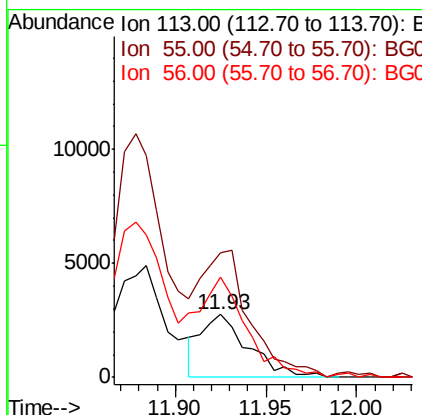
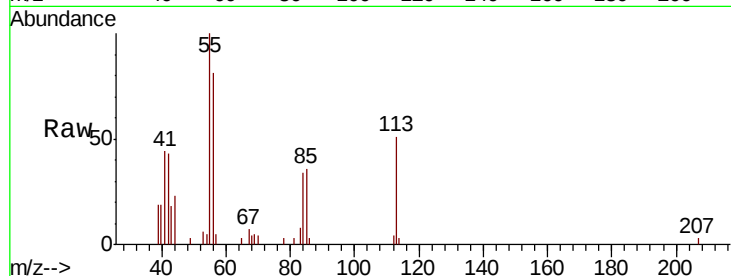




#35
 Caprolactam
 Concen: 2.326 ng
 RT: 11.93 min Scan# 1470
 Delta R.T. 0.04 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

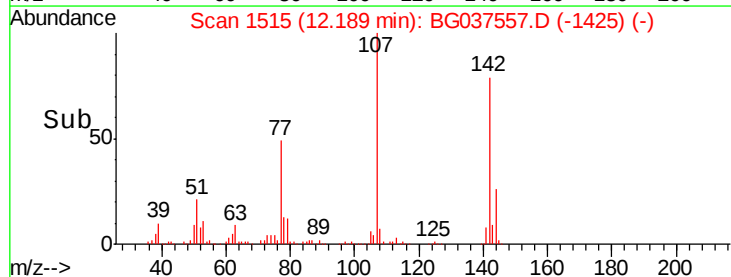
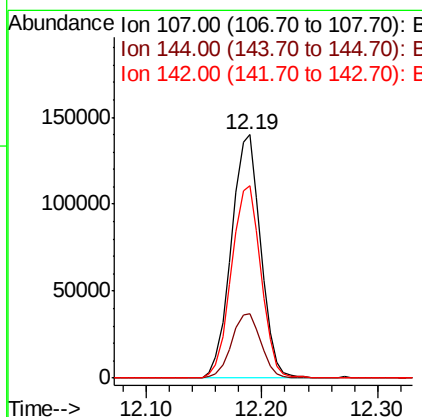
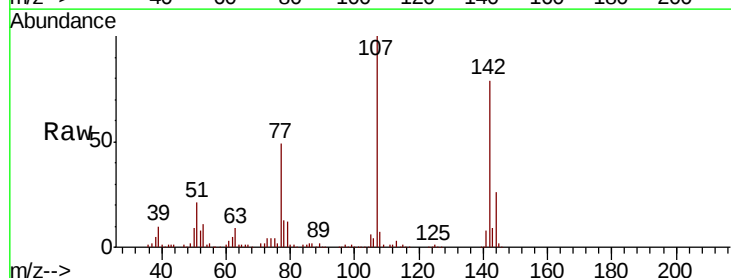
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

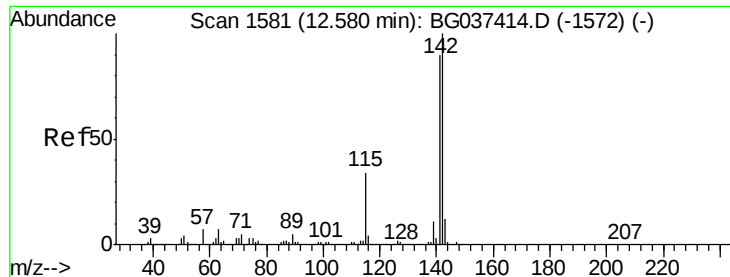
Tot Ion:113 Resp: 4980
 Ion Ratio Lower Upper
 113 100
 55 197.2 176.6 216.6
 56 158.8 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.077 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:107 Resp: 247339
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.7 31.1
 142 78.9 64.4 96.6

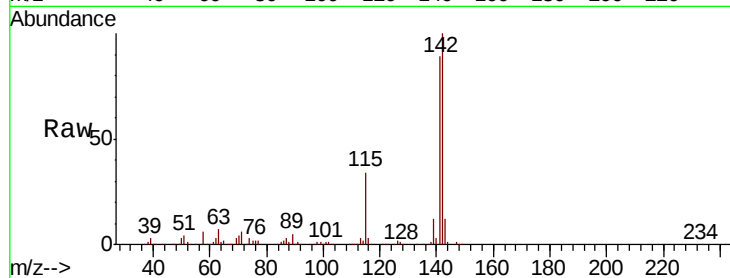




#37
 2-Methylnaphthalene
 Concen: 46.246 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	34.2	27.8	41.8

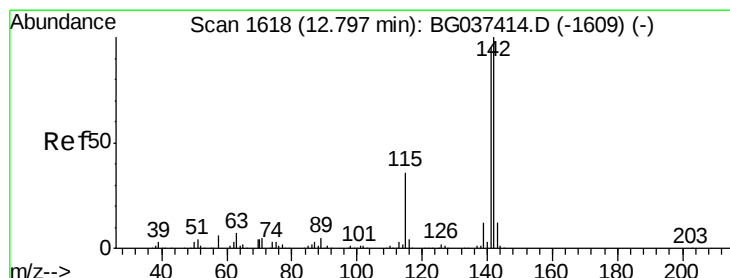
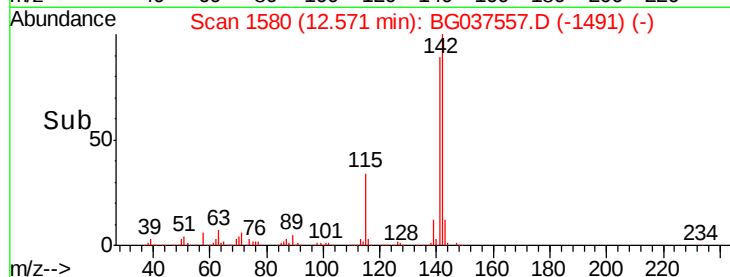
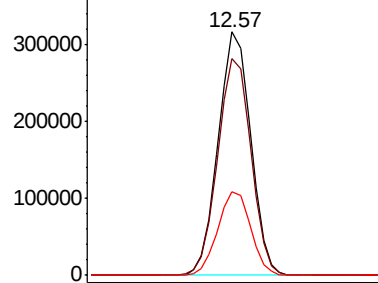


Abundance

Ion 142.00 (141.70 to 142.70): E

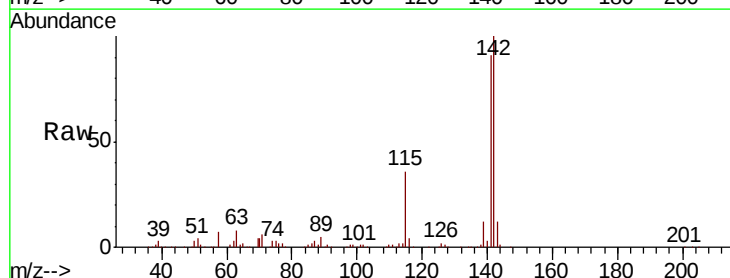
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 45.692 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	3.7	3.3	4.9

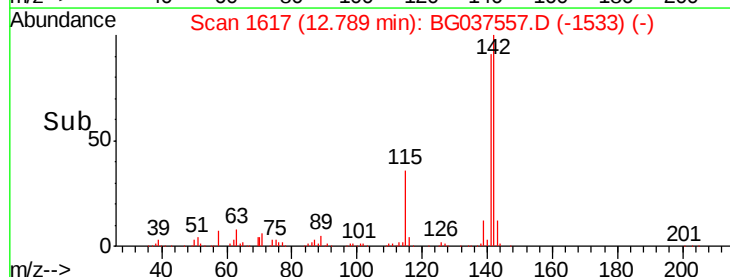
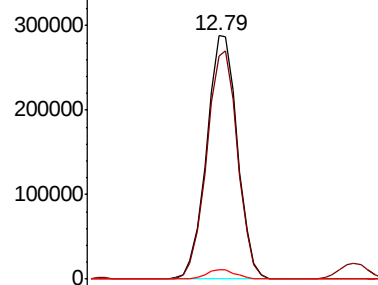


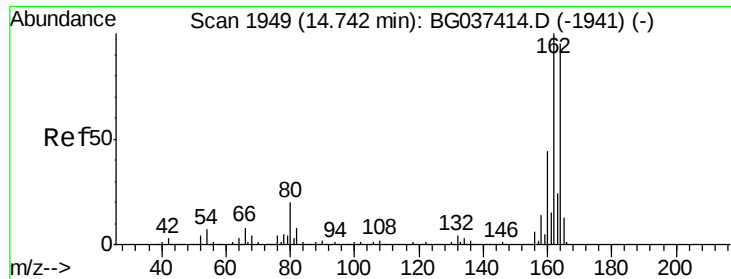
Abundance

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: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

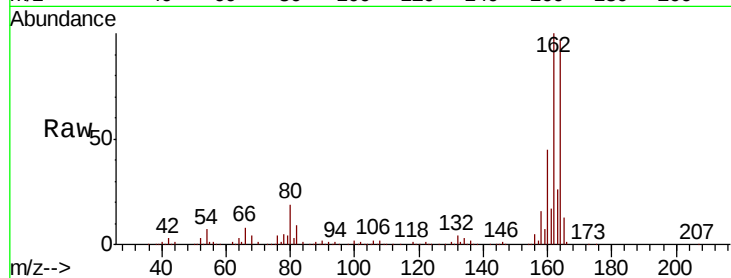
Tot Ion:164 Resp: 210891

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

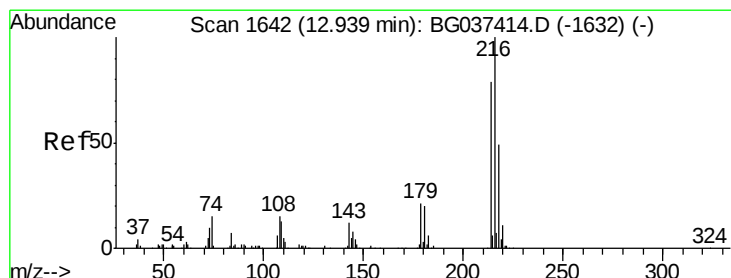
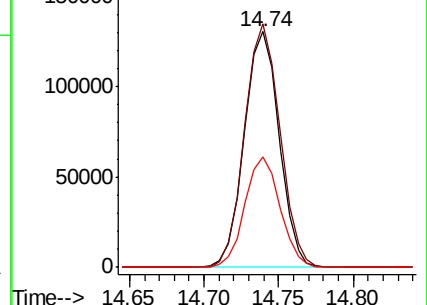
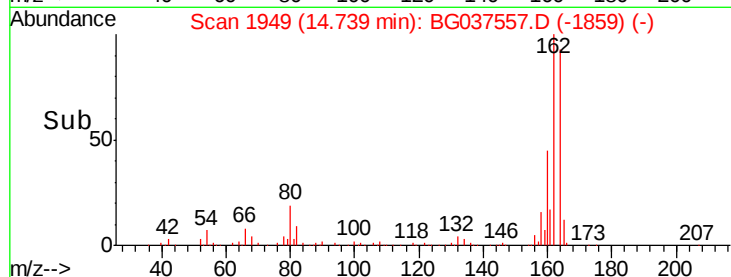
160 46.8 36.3 54.5



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: 40.155 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:216 Resp: 273152

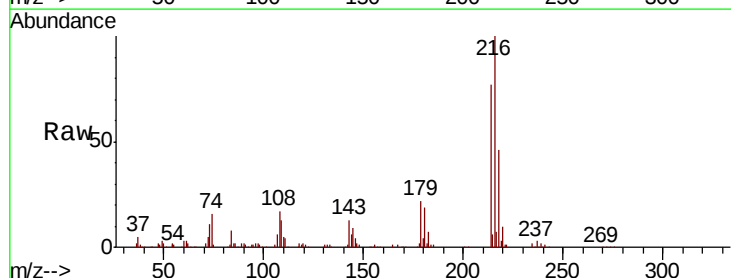
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 21.1 17.4 26.0

108 18.9 13.9 20.9

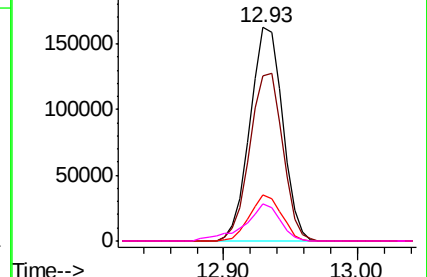
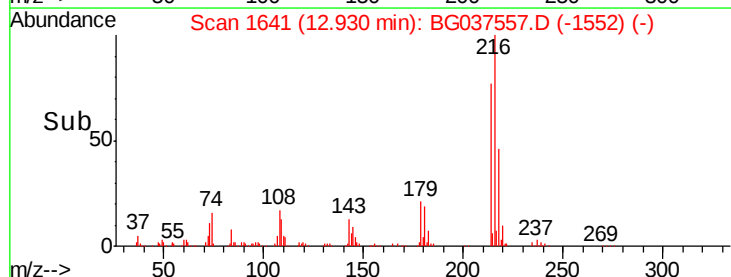


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.961 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

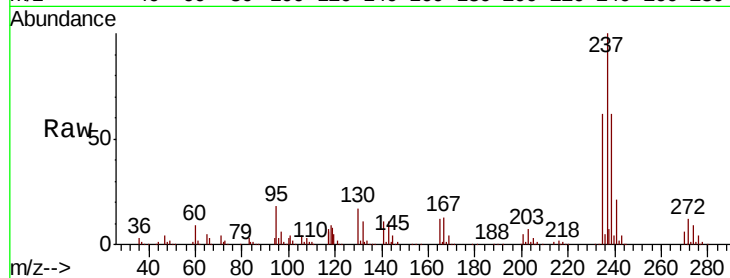
Tot Ion:237 Resp: 285814

Ion Ratio Lower Upper

237 100

235 61.7 42.5 82.5

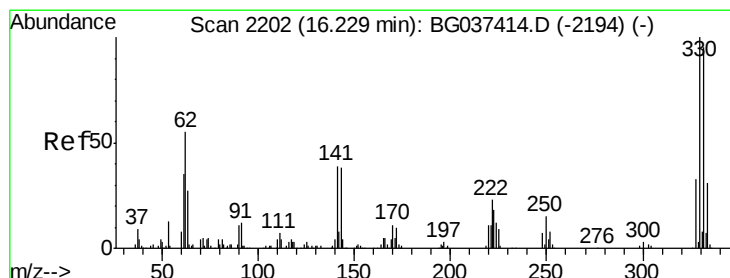
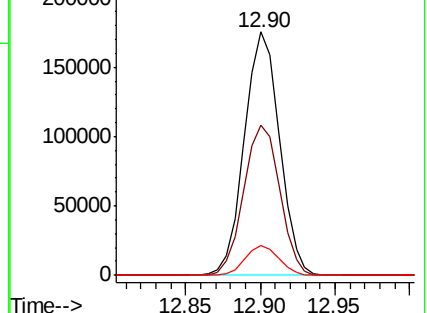
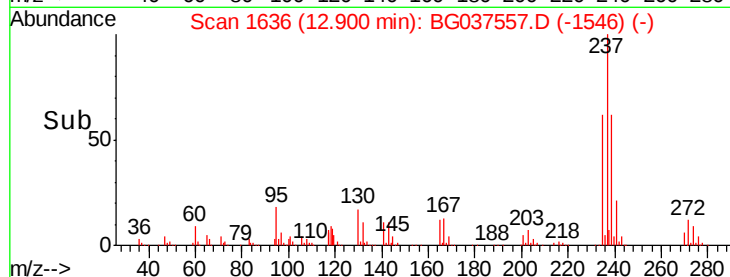
272 12.2 0.0 31.6



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: 115.555 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

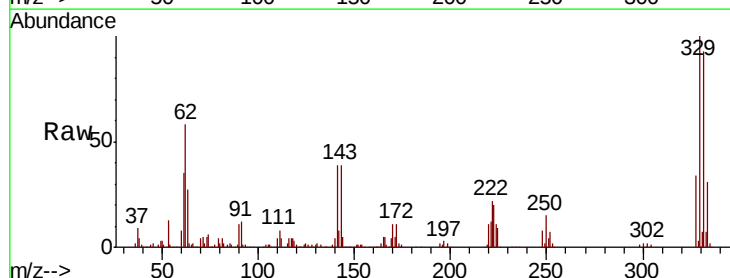
Tgt Ion:330 Resp: 265795

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

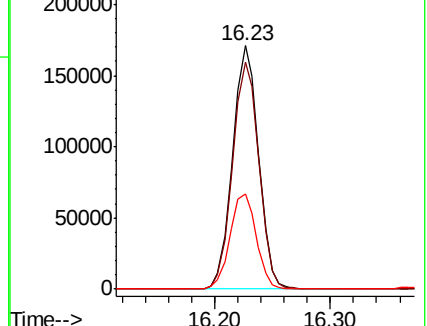
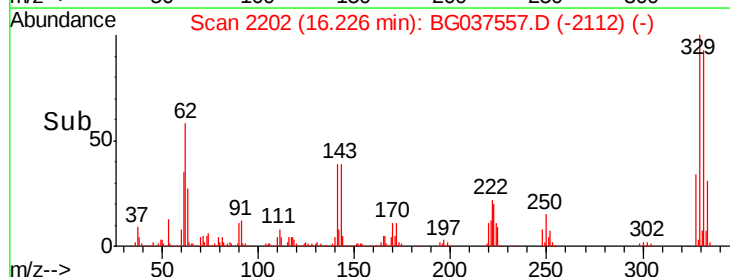
141 39.7 32.2 48.2

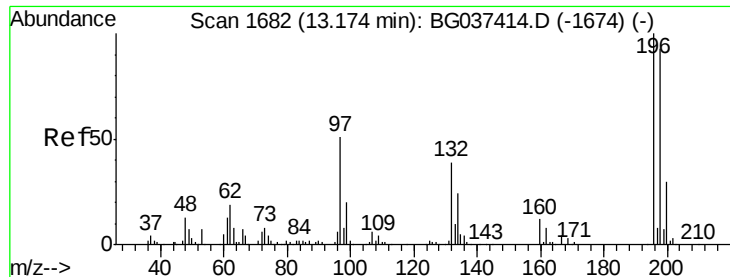


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

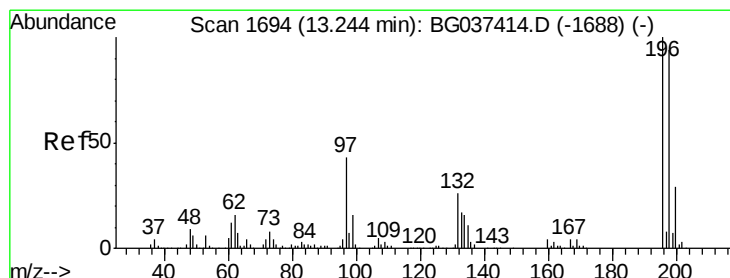
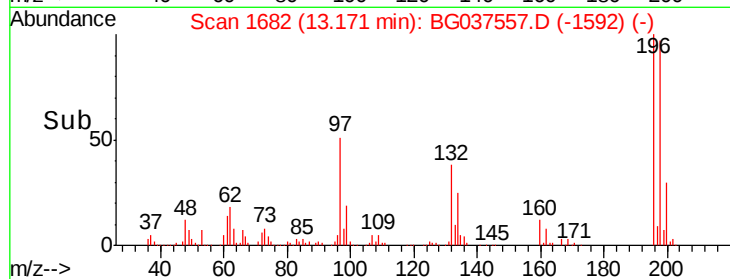
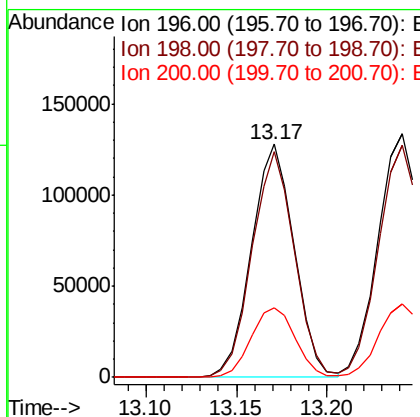
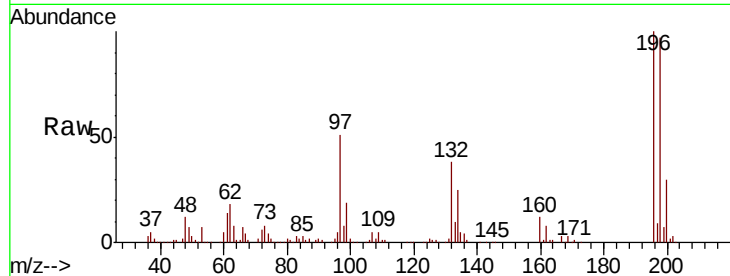




#43
 2,4,6-Trichlorophenol
 Concen: 46.003 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

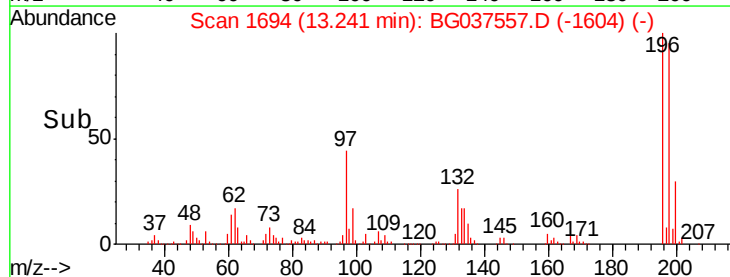
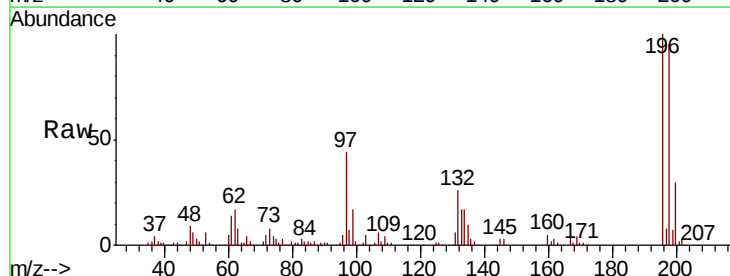
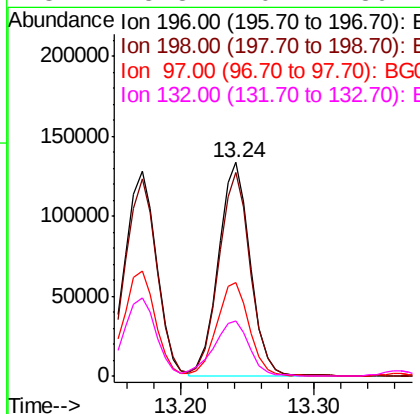
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion:196 Resp: 209062
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.4 114.6
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.922 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:196 Resp: 222271
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.2
 97 43.9 34.1 51.1
 132 25.8 20.2 30.4



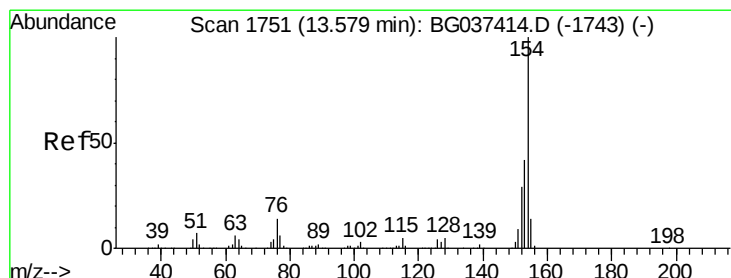
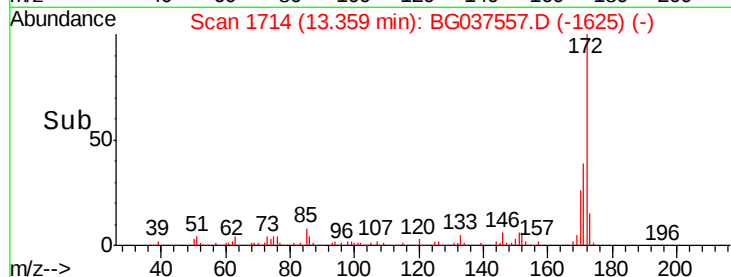
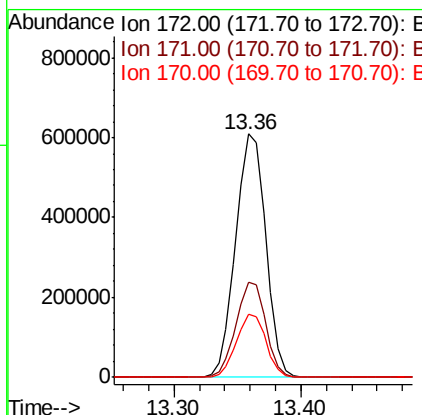
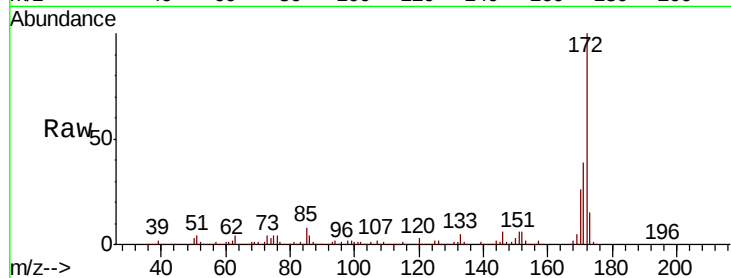


#45
 2-Fluorobiphenyl
 Concen: 71.660 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion:172 Resp: 1002183

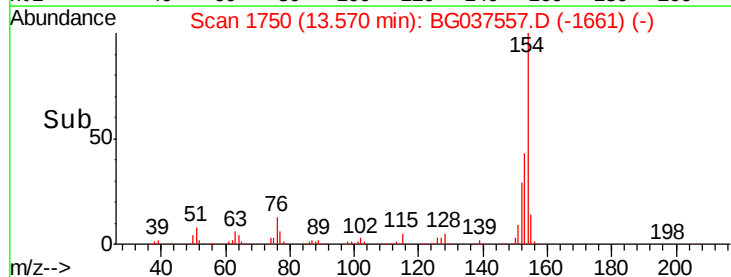
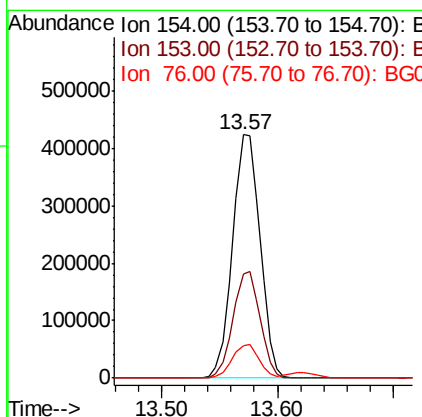
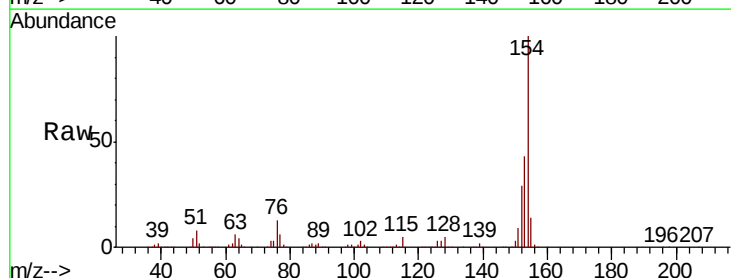
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.8	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.017 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:154 Resp: 698918

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.1	0.0	33.2

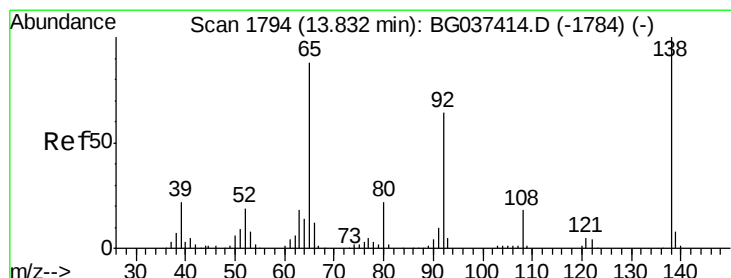
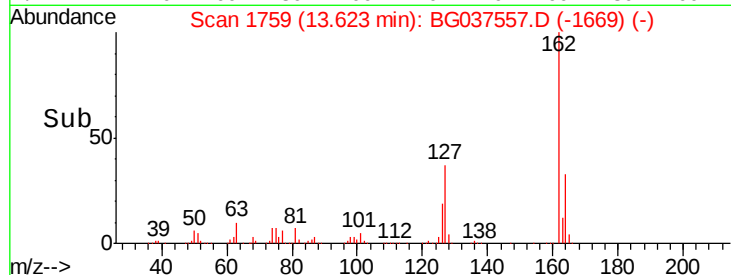
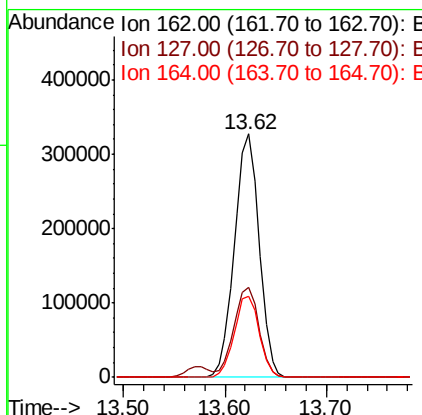
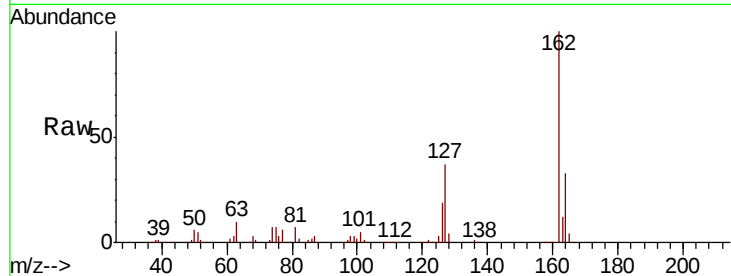




#47
 2-Chloronaphthalene
 Concen: 41.896 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

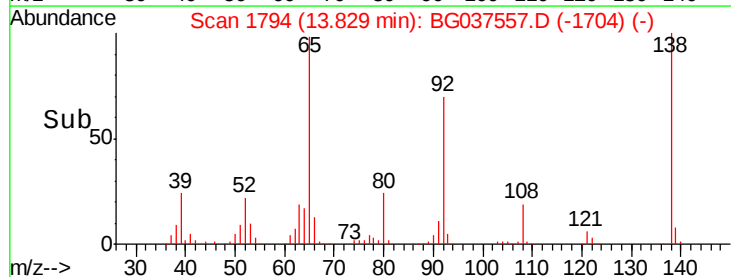
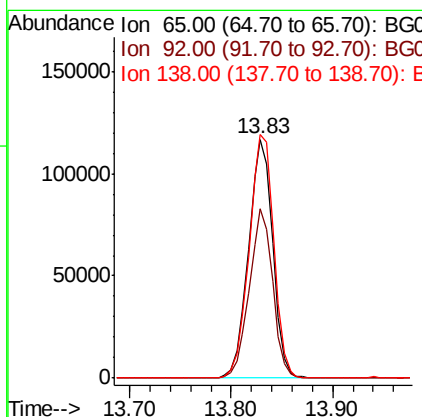
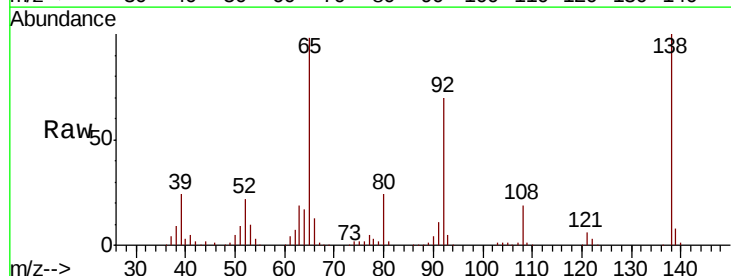
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

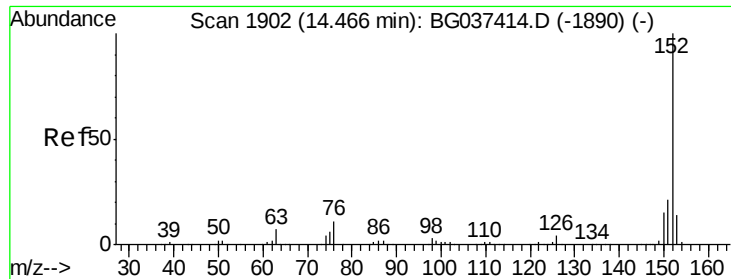
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.2	26.4	39.6



#48
 2-Nitroaniline
 Concen: 48.032 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.2	79.8
138	101.9	79.3	118.9





#49

Acenaphthylene

Concen: 46.162 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

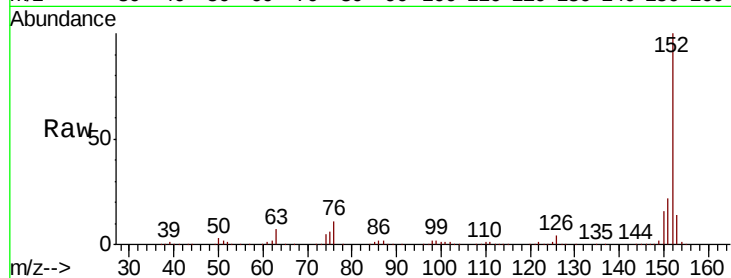
Tot Ion:152 Resp: 917538

Ion Ratio Lower Upper

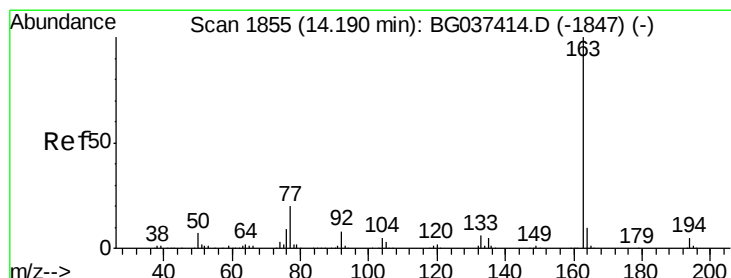
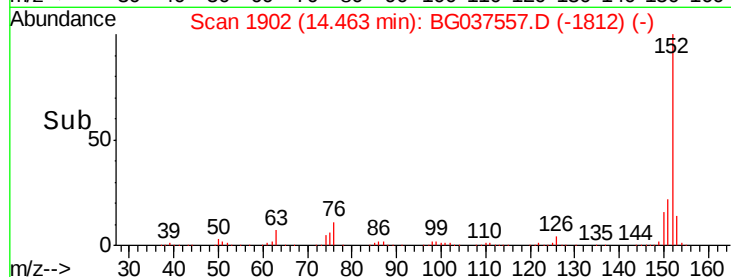
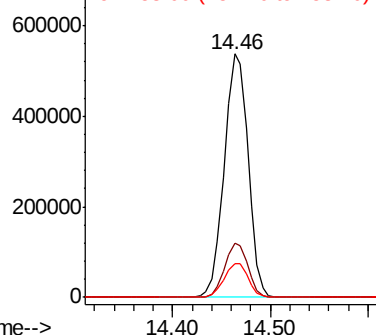
152 100

151 22.3 17.1 25.7

153 14.0 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: 46.403 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

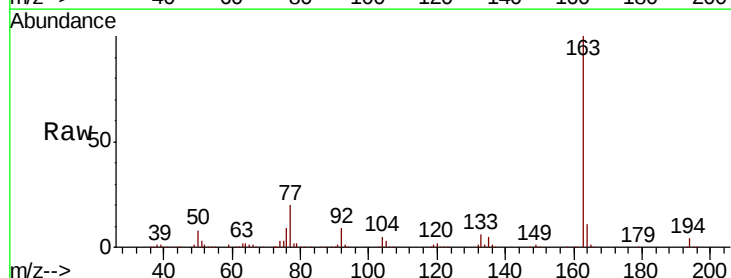
Tgt Ion:163 Resp: 757057

Ion Ratio Lower Upper

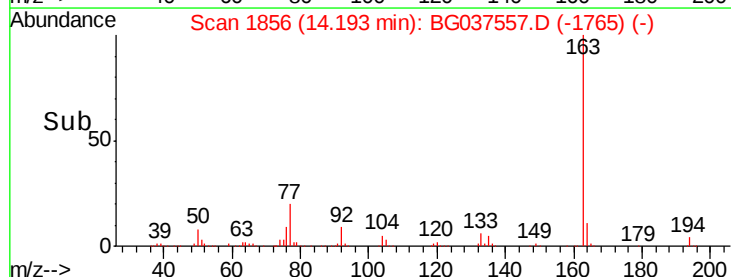
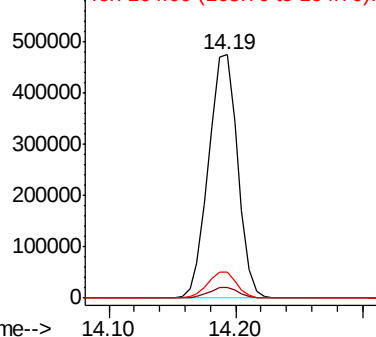
163 100

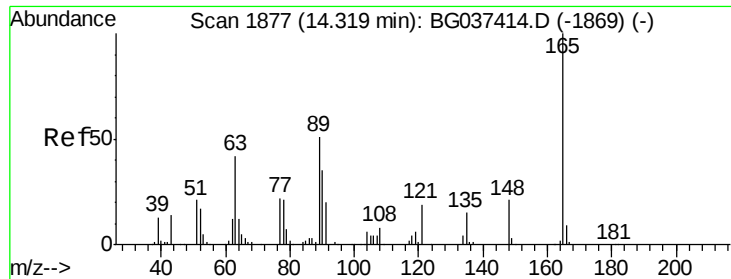
194 4.4 3.5 5.3

164 10.8 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

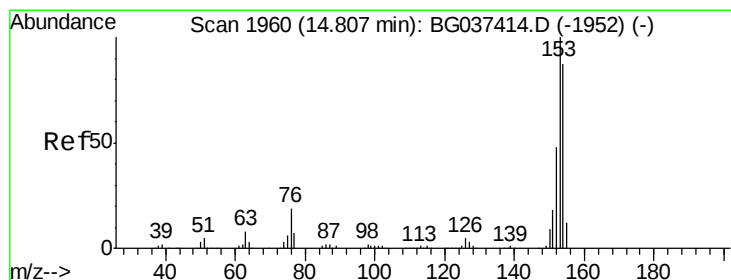
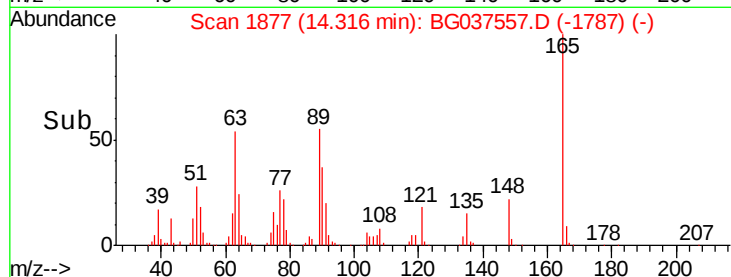
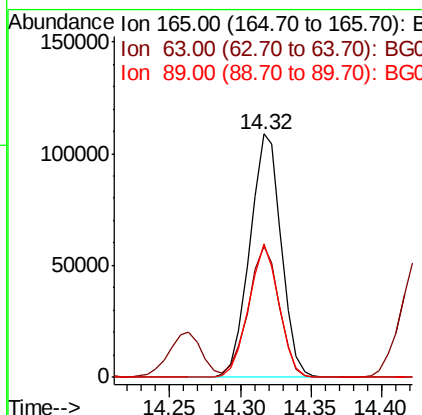
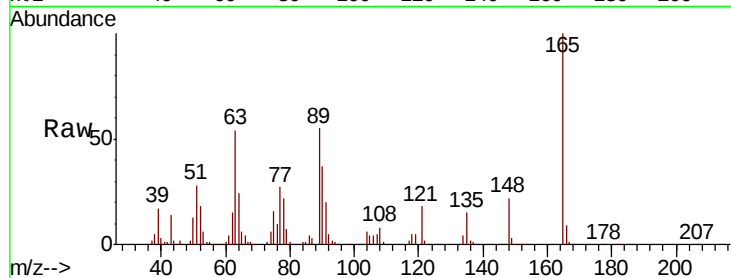




#51
 2,6-Dinitrotoluene
 Concen: 47.117 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

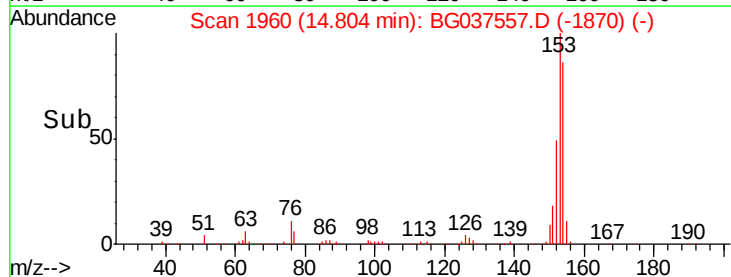
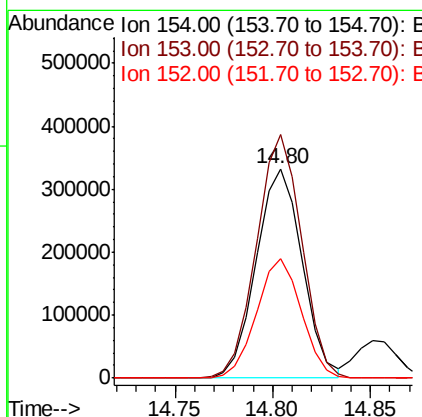
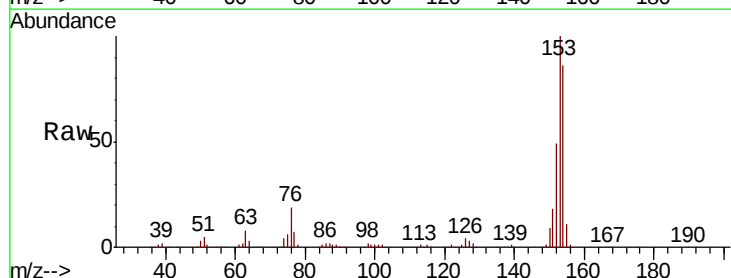
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

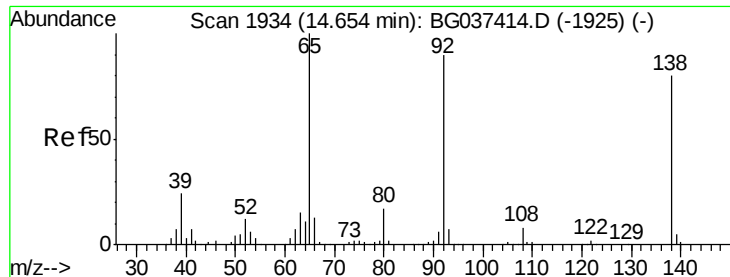
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	43.4	65.2
89	55.0	45.8	68.6



#52
 Acenaphthene
 Concen: 44.355 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.4	140.0
152	57.1	44.7	67.1





#53

3-Nitroaniline

Concen: 23.114 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

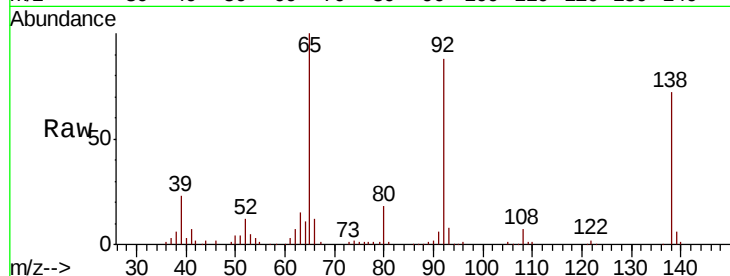
Tot Ion:138 Resp: 92610

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

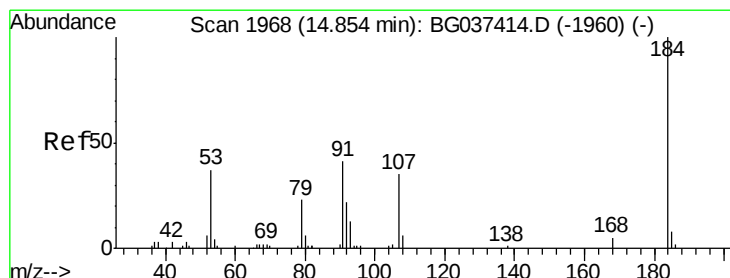
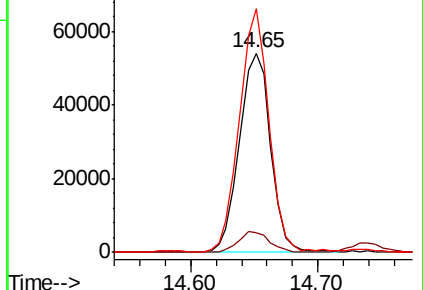
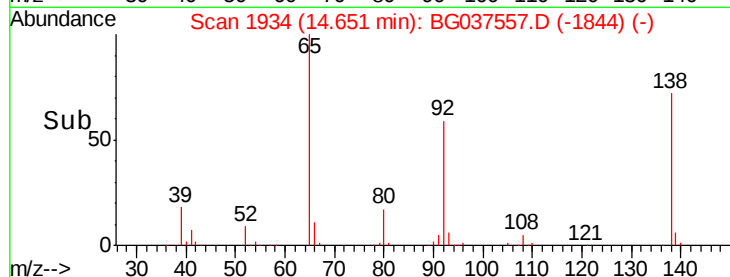
92 122.3 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 96.209 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

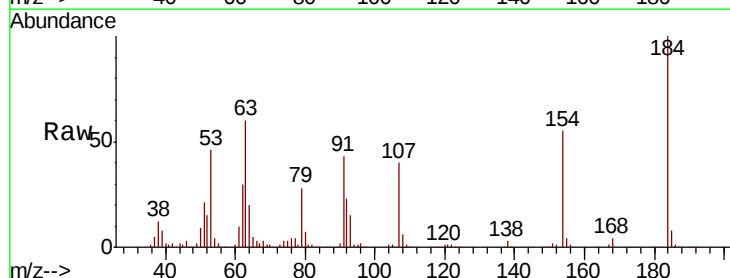
Tgt Ion:184 Resp: 174565

Ion Ratio Lower Upper

184 100

63 60.0 42.6 63.8

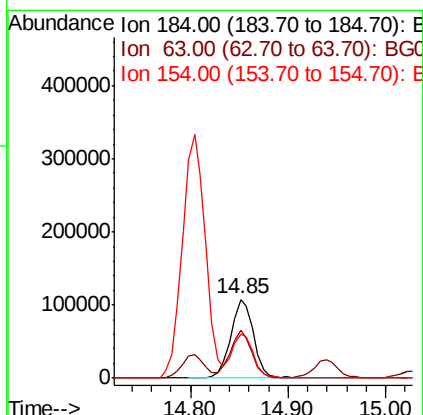
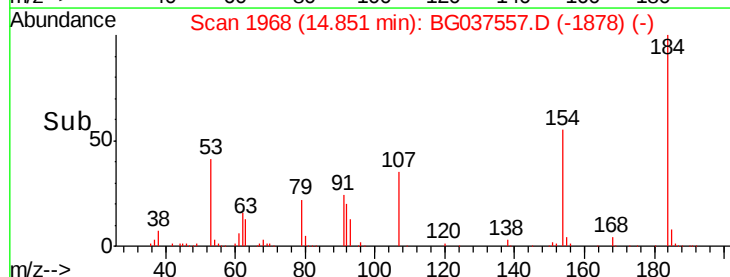
154 55.4 41.8 62.6

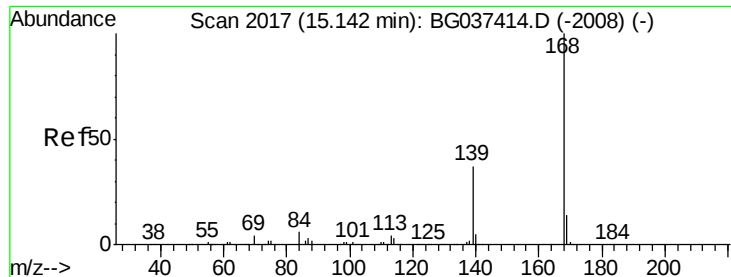


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

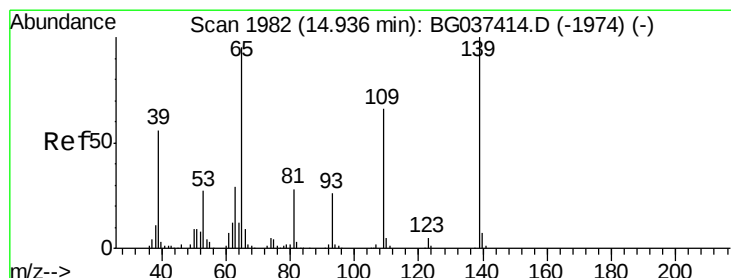
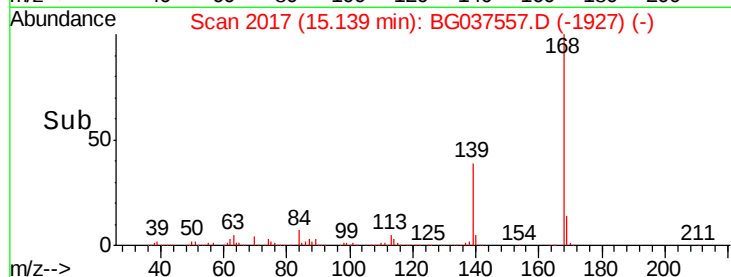
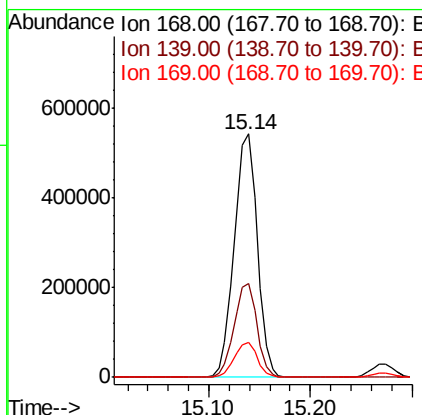
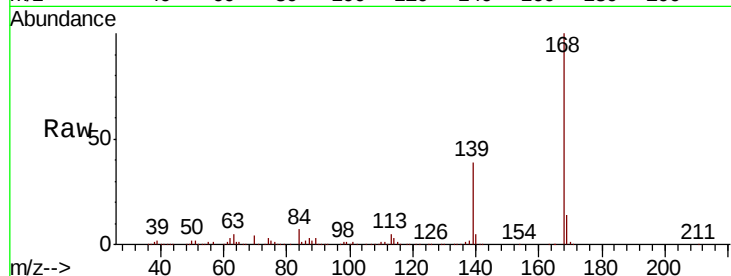




#55
Dibenzenofuran
Concen: 42.432 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

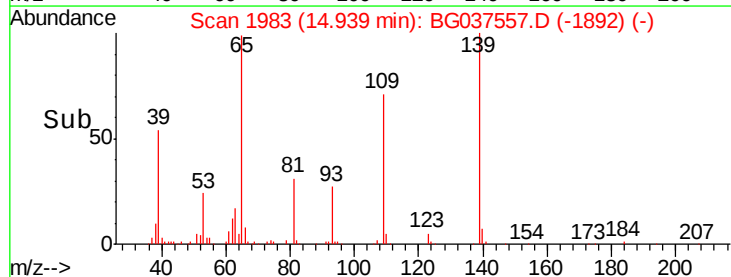
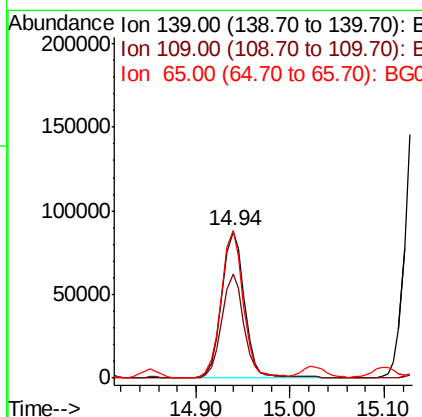
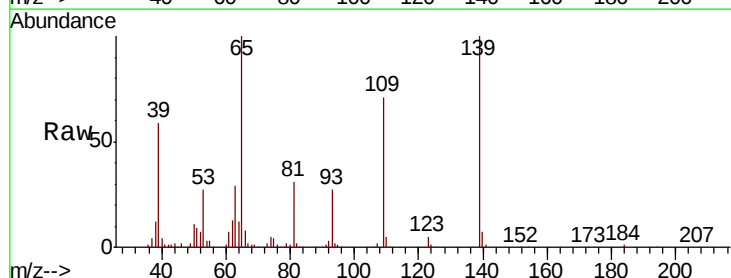
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

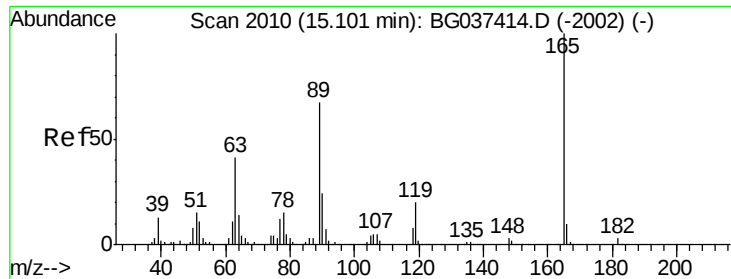
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.4	44.0
169	14.3	11.0	16.6



#56
4-Nitrophenol
Concen: 50.513 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	49.5	89.5
65	100.3	76.8	116.8

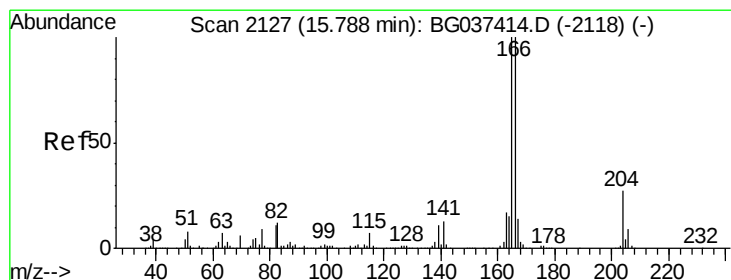
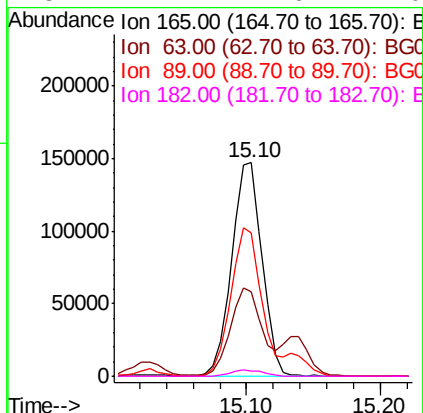
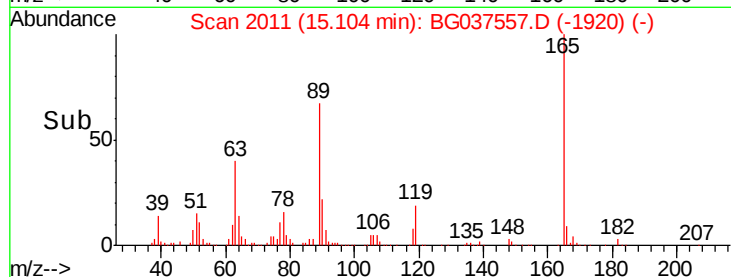
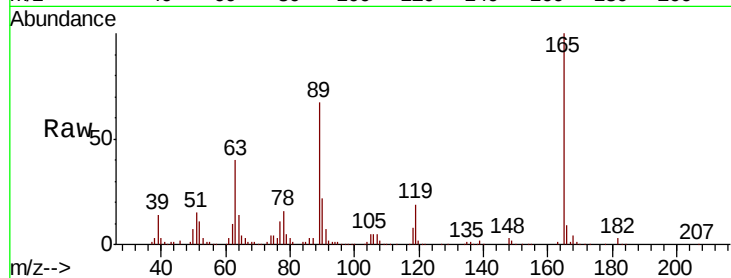




#57
2,4-Dinitrotoluene
Concen: 49.151 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

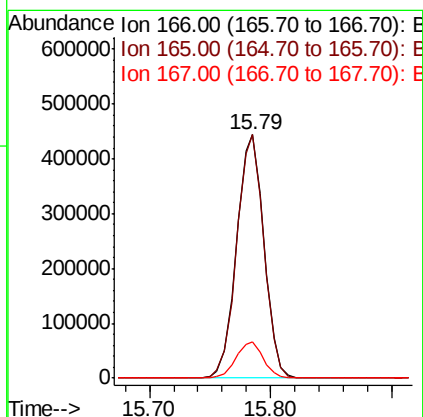
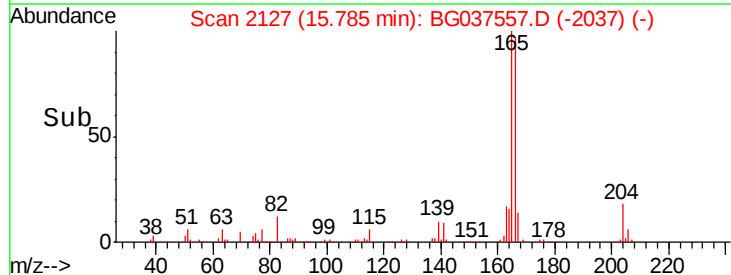
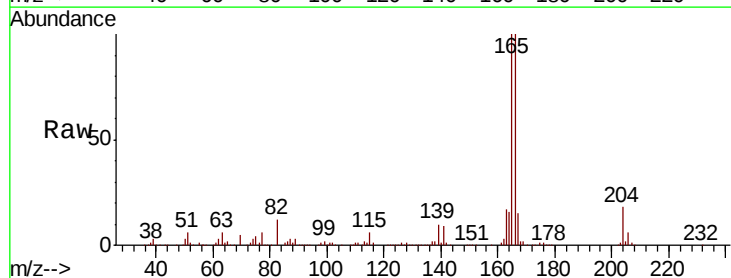
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

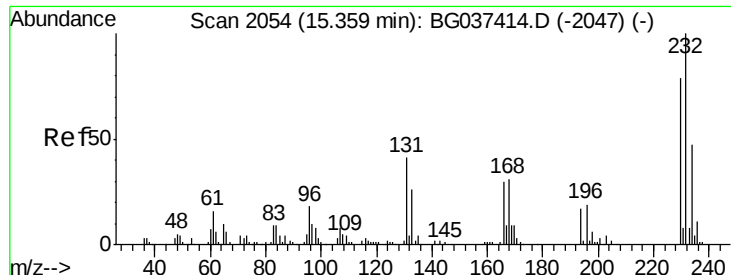
Tot Ion:165 Resp: 232859
Ion Ratio Lower Upper
165 100
63 39.8 33.4 50.0
89 67.4 57.2 85.8
182 2.7 2.6 4.0



#58
Fluorene
Concen: 46.057 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:166 Resp: 699510
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 15.1 11.3 16.9

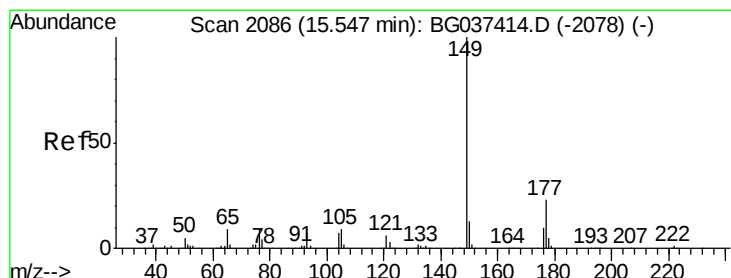
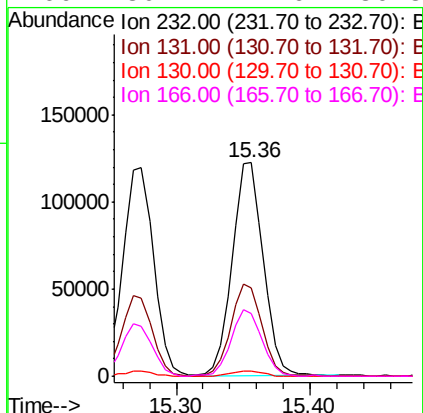
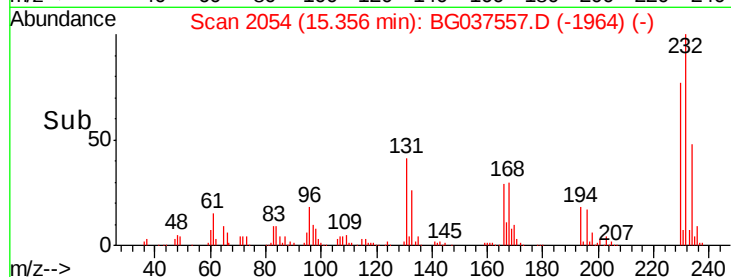
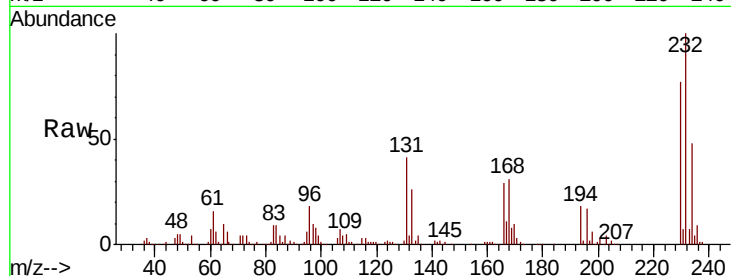




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.724 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

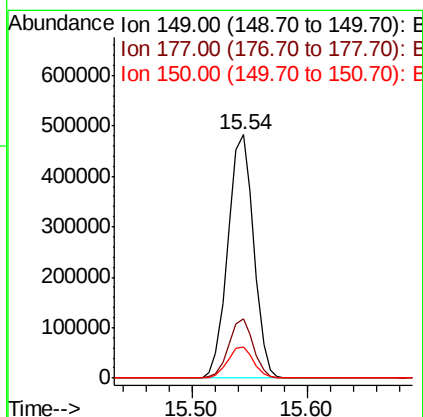
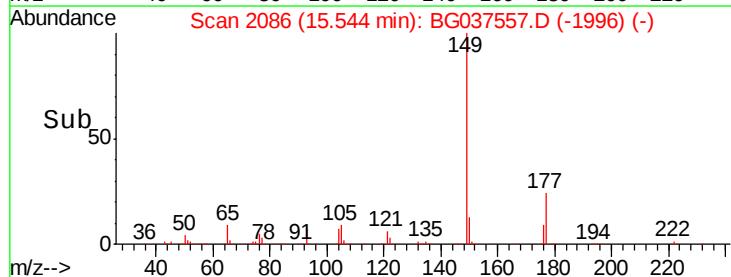
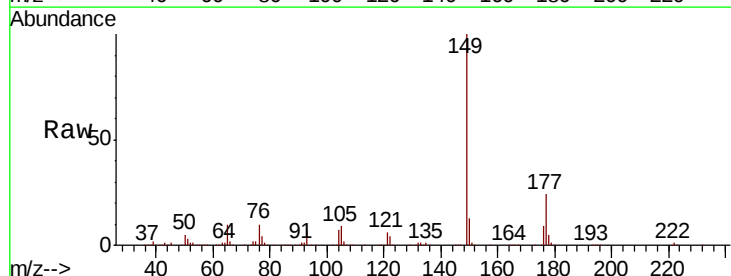
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

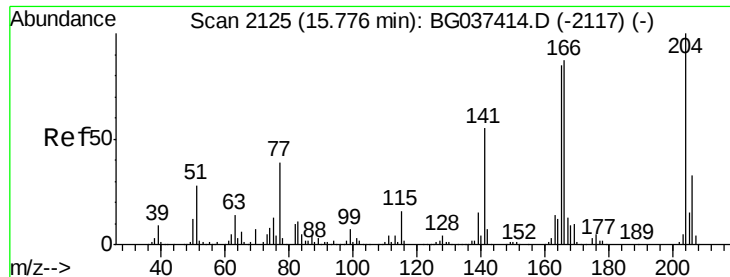
Tot Ion:	232	Resp:	197945
Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.7	50.5
130	2.5	2.1	3.1
166	30.7	24.6	36.8



#60
 Diethylphthalate
 Concen: 44.237 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:	149	Resp:	740956
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	13.0	10.0	15.0

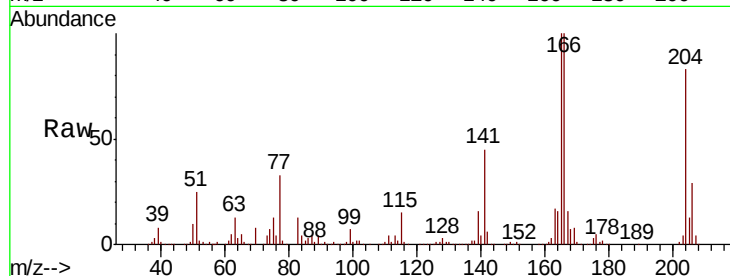




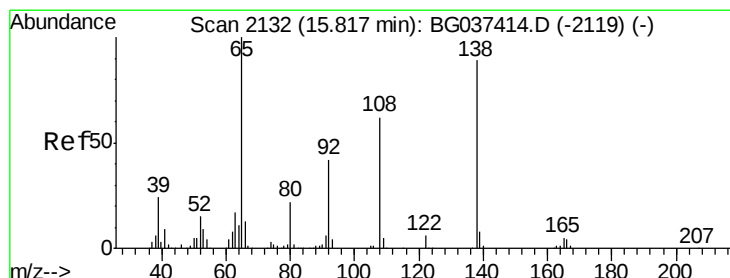
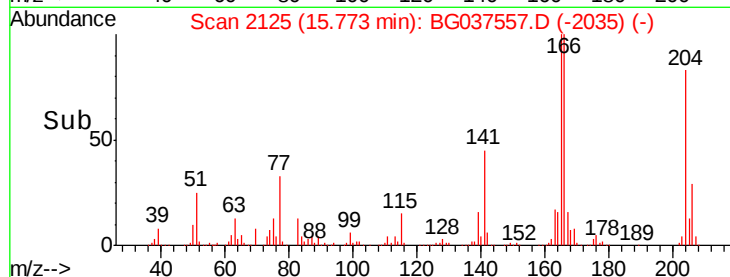
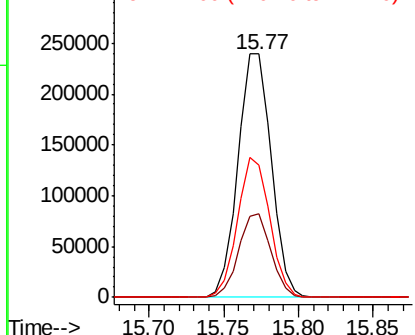
#61
4-Chlorophenyl-phenylether
Concen: 41.959 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:204 Resp: 371446
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 54.5 45.4 68.2

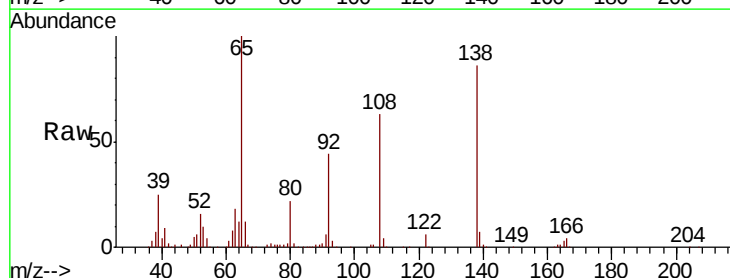


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

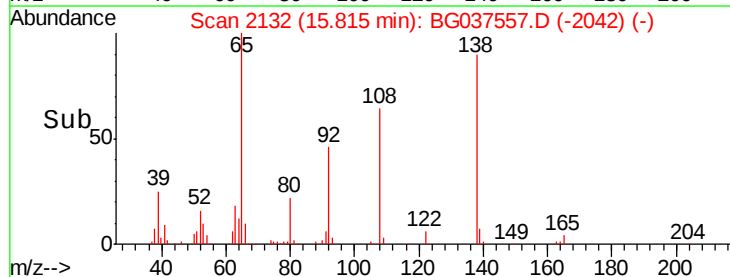
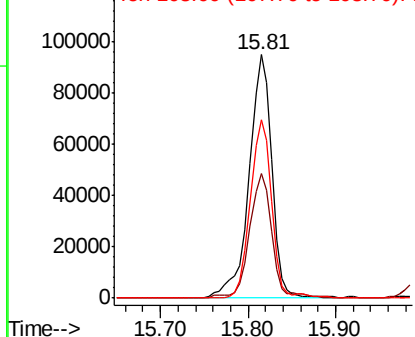


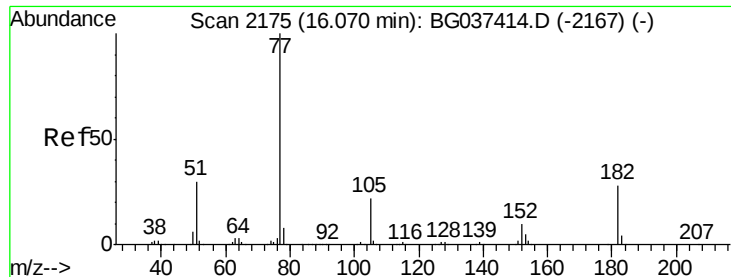
#62
4-Nitroaniline
Concen: 41.974 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:138 Resp: 167113
Ion Ratio Lower Upper
138 100
92 51.3 36.4 76.4
108 73.2 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

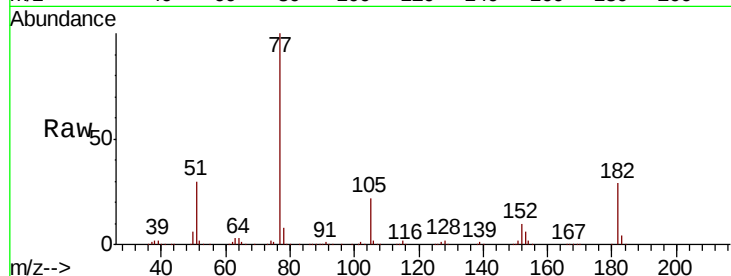




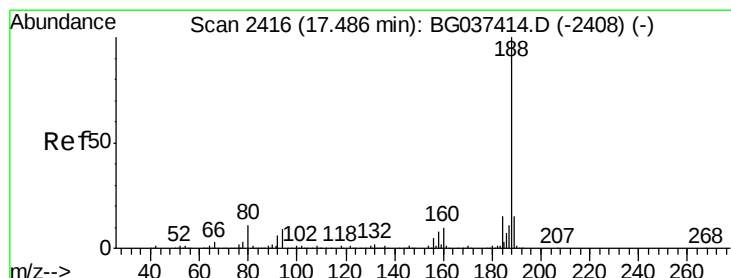
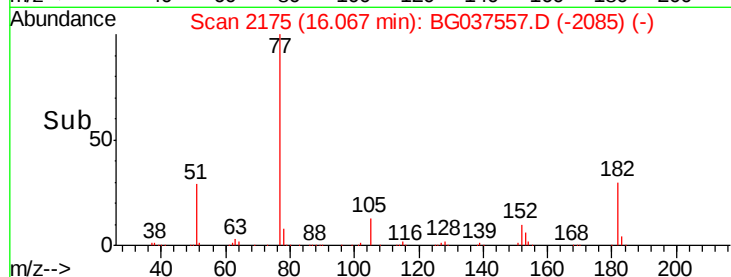
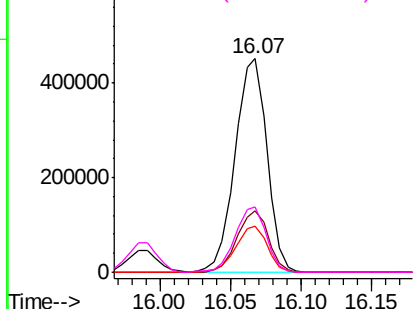
#63
Azobenzene
Concen: 44.310 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:	77	Resp:	708128
Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.6	1.3	41.3
51	30.4	10.7	50.7

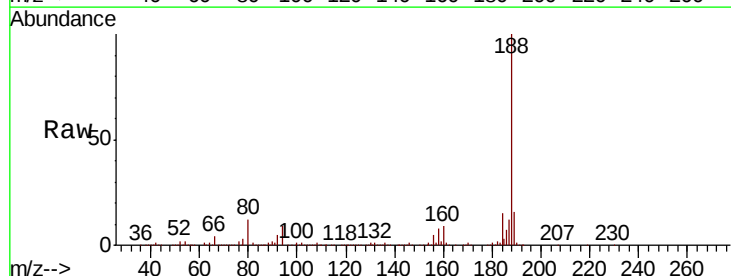


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

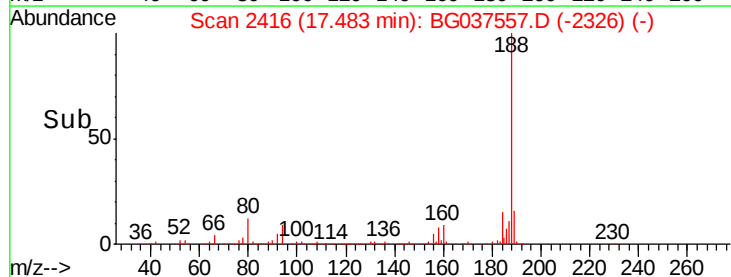
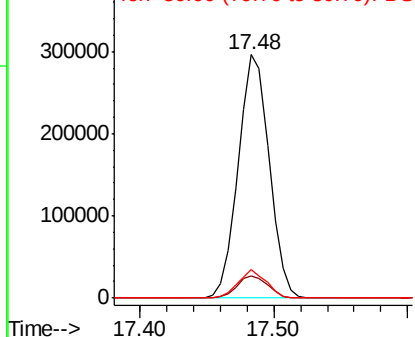


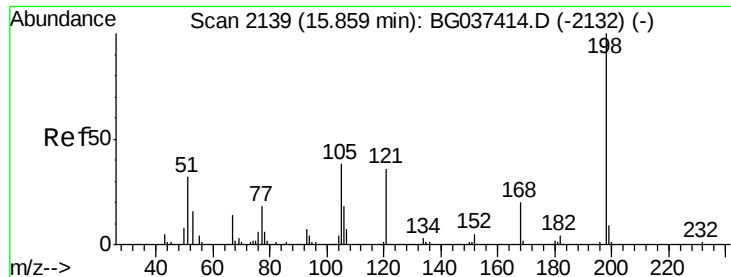
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:	188	Resp:	474768
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	11.6	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

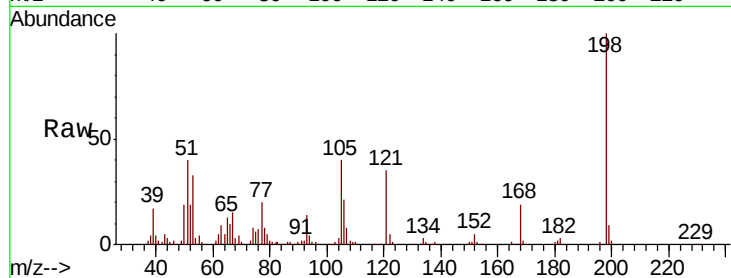




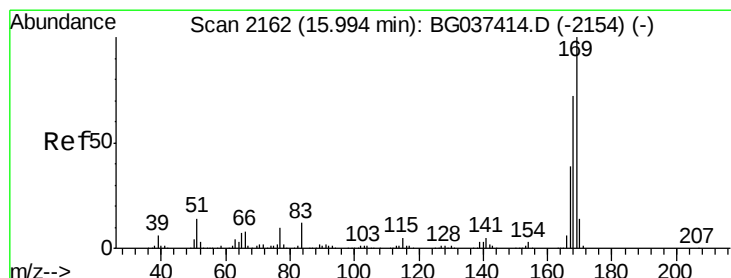
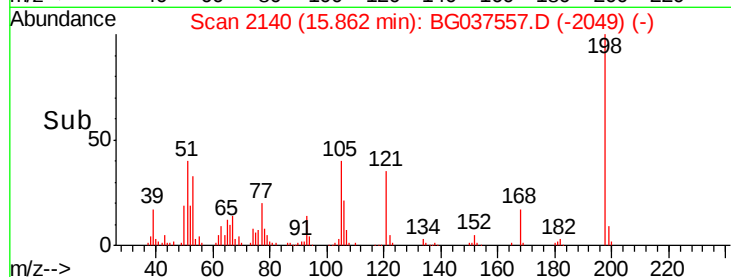
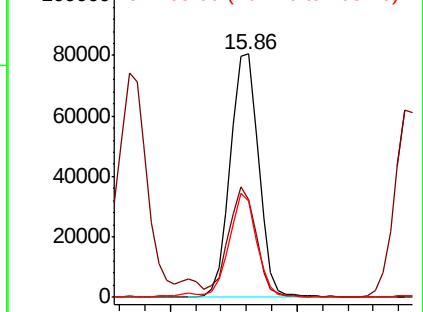
#65
4,6-Dinitro-2-methylphenol
Concen: 49.690 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:198 Resp: 124703
Ion Ratio Lower Upper
198 100
51 40.0 22.7 62.7
105 39.6 19.7 59.7

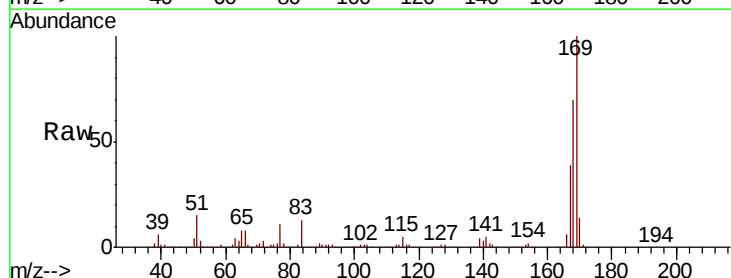


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

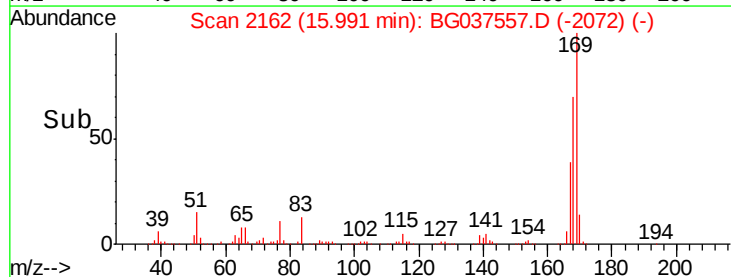
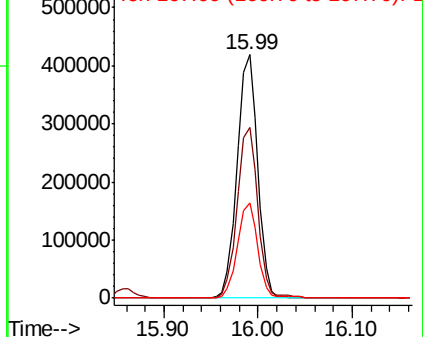


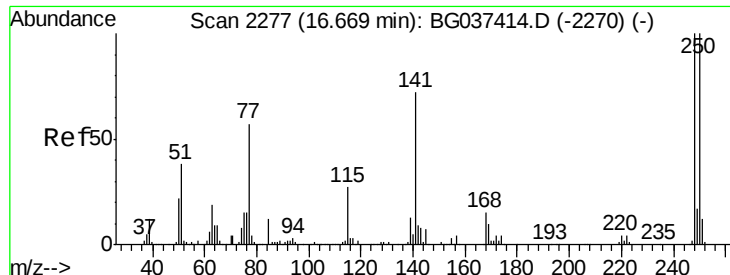
#66
n-Nitrosodiphenylamine
Concen: 44.395 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:169 Resp: 634007
Ion Ratio Lower Upper
169 100
168 69.9 55.7 83.5
167 39.2 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

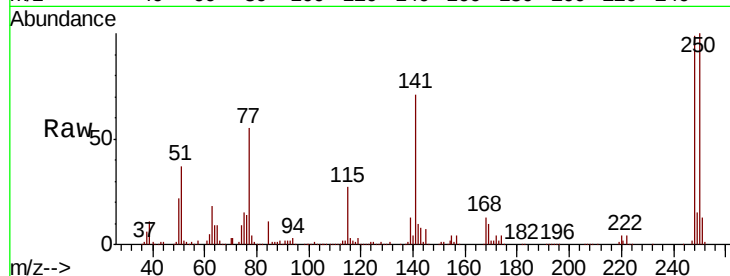




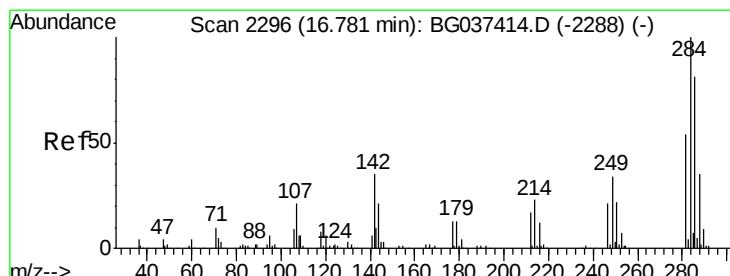
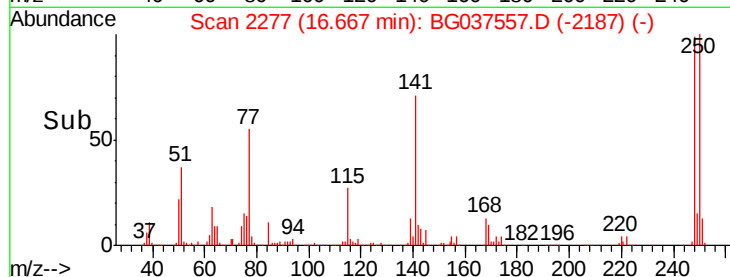
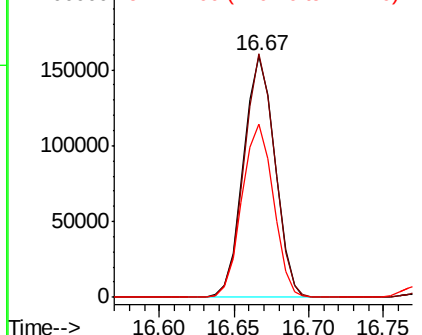
#67
 4-Bromophenyl-phenylether
 Concen: 44.409 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.0	115.6
141	71.6	55.5	83.3

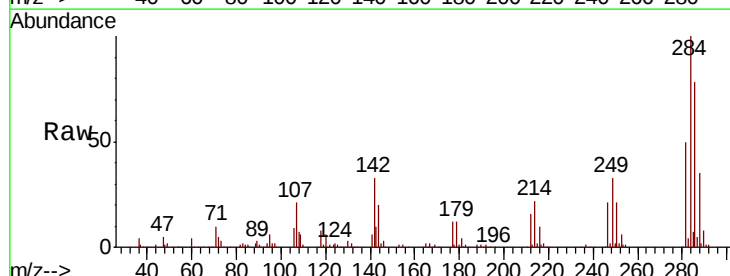


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

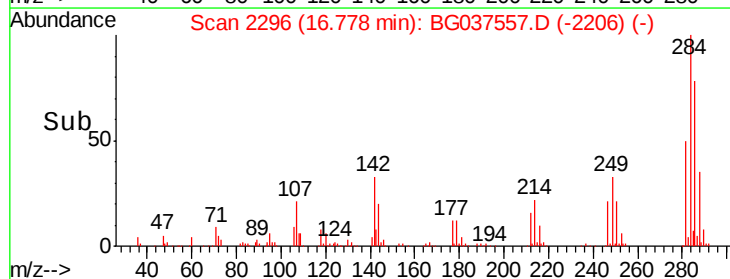
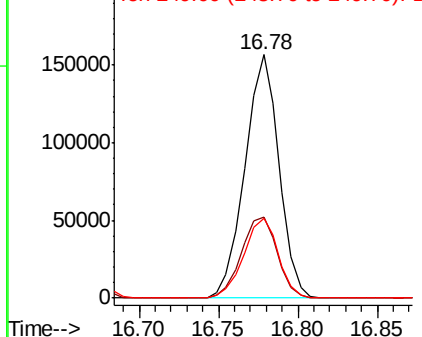


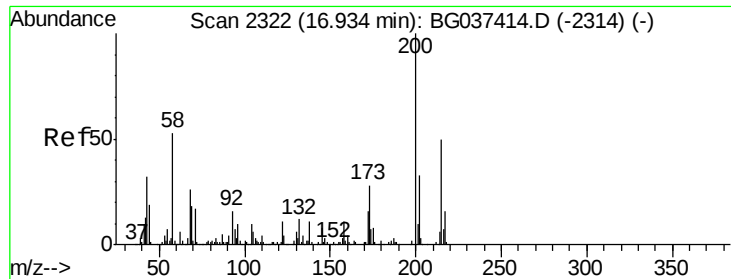
#68
 Hexachlorobenzene
 Concen: 43.121 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.1	42.1
249	35.2	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

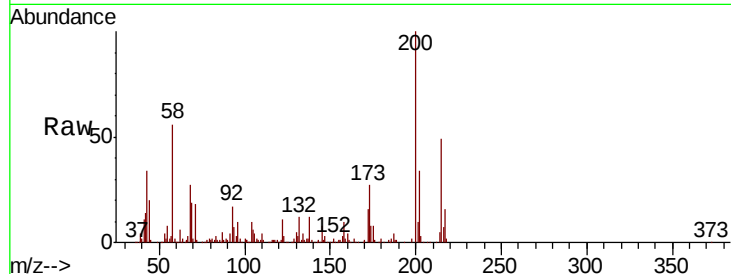




#69
Atrazine
Concen: 44.825 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.1	46.1
215	48.8	30.8	70.8

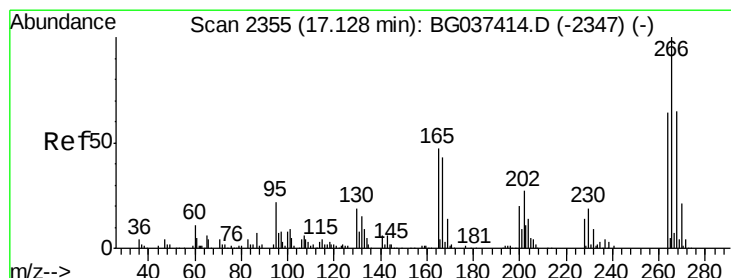
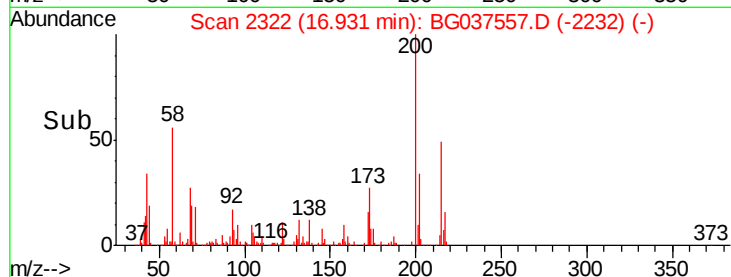
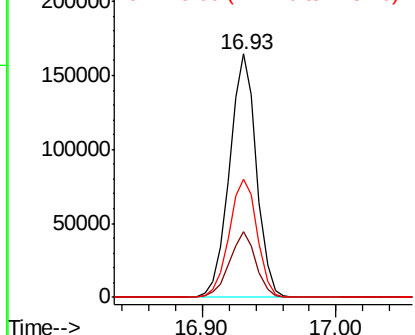


Abundance

Ion 200.00 (199.70 to 200.70): E

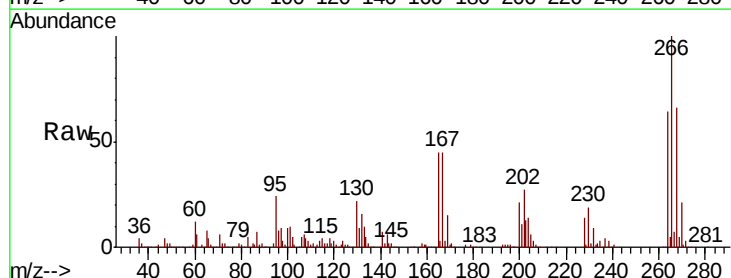
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.470 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.2	55.0	82.6
264	69.7	58.9	88.3

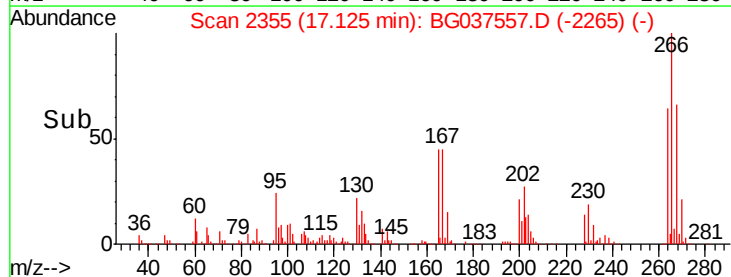
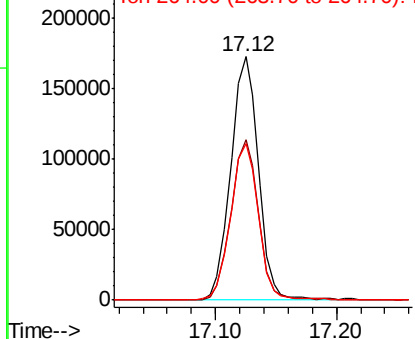


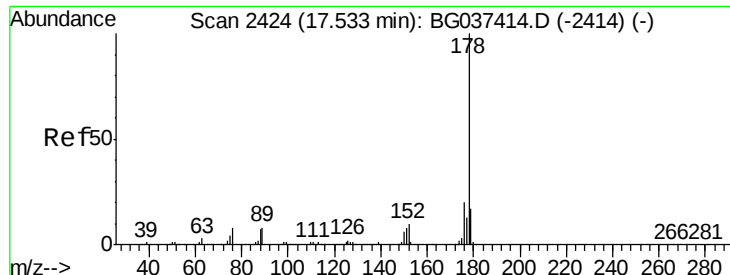
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

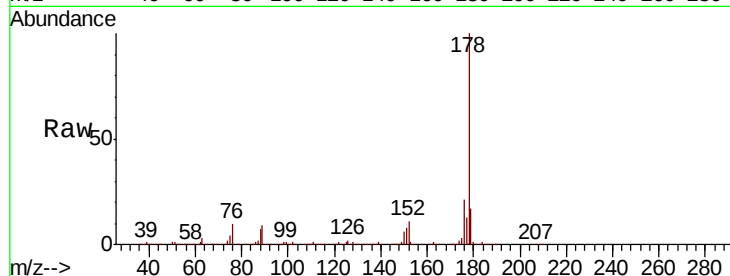




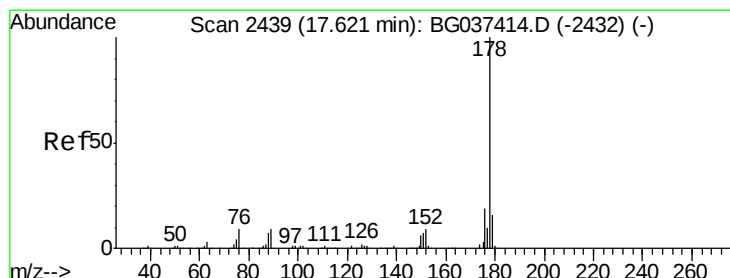
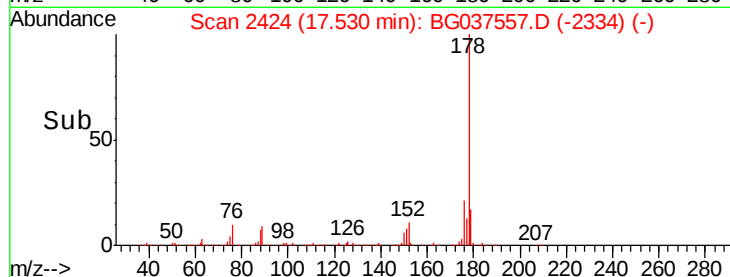
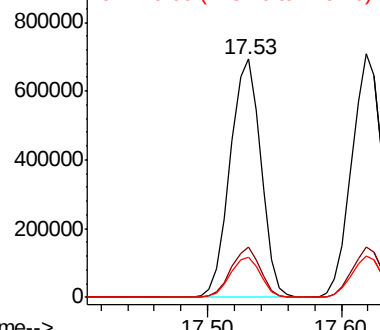
#71
Phenanthrene
Concen: 45.788 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:178 Resp: 1104835
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 16.7 13.0 19.4

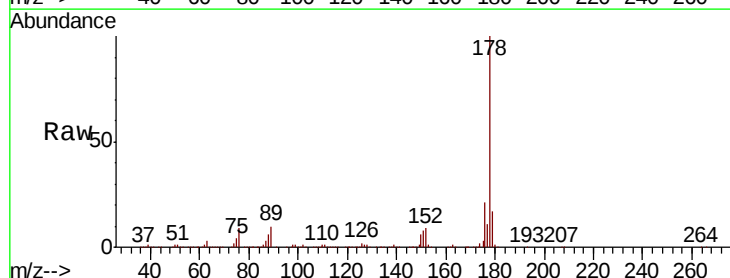


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

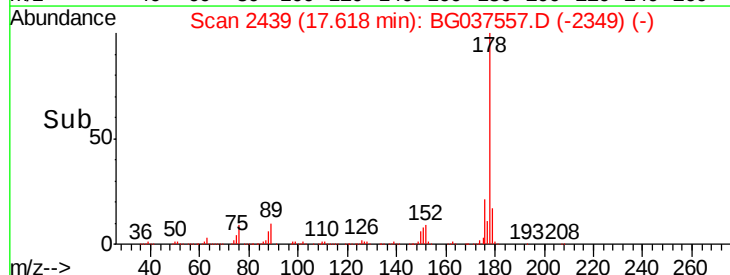
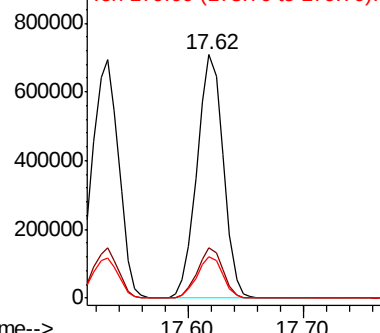


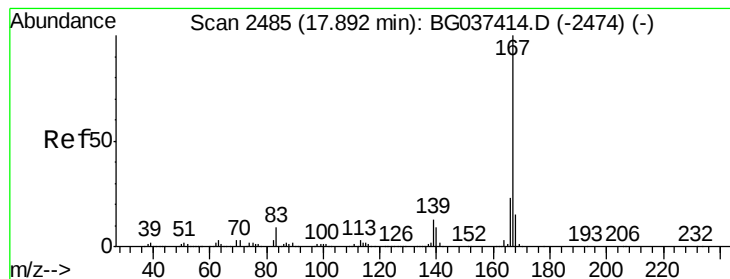
#72
Anthracene
Concen: 47.117 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:178 Resp: 1115715
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.4
179 17.0 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: 42.894 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

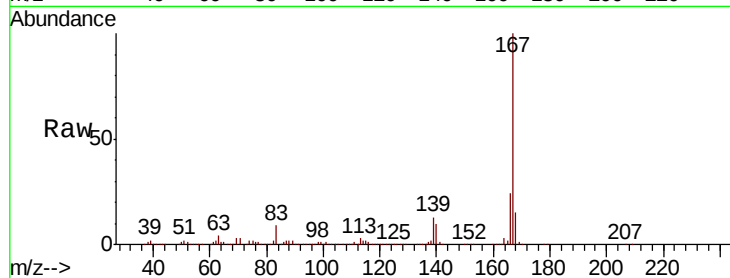
BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:167 Resp: 1015999

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.4	10.5	15.7

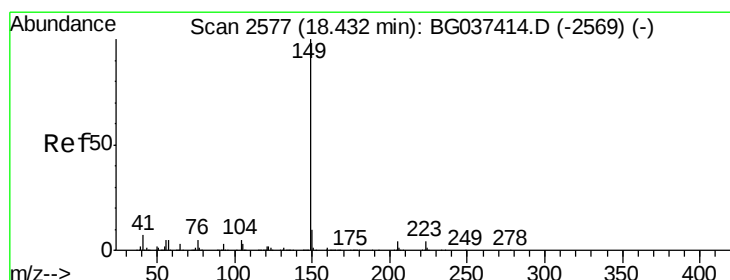
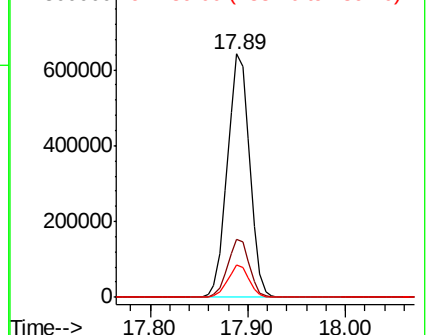
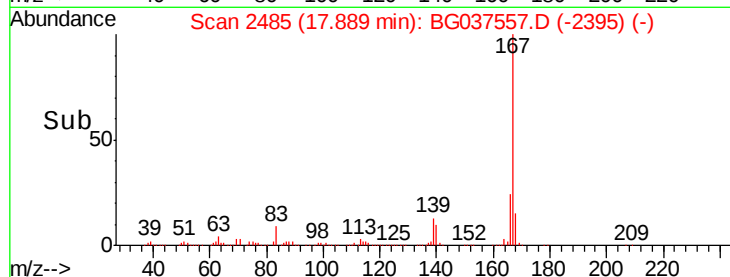


Abundance

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



#74

Di-n-butylphthalate

Concen: 45.447 ng

RT: 18.42 min Scan# 2576

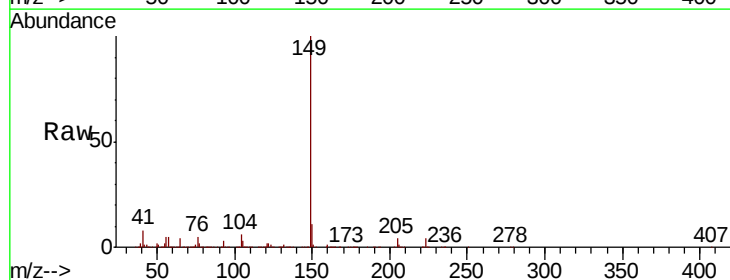
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:149 Resp: 1197484

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.2	12.2
104	5.6	4.0	6.0

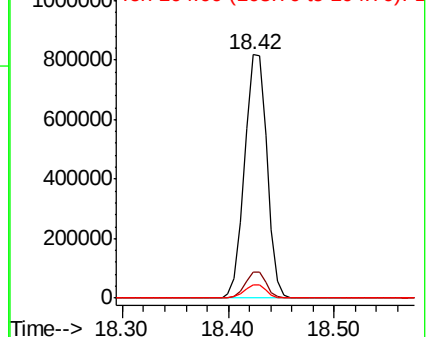
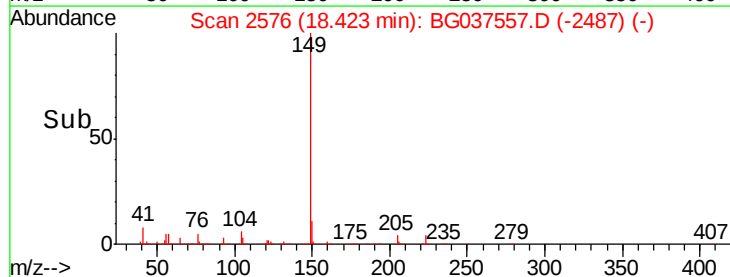


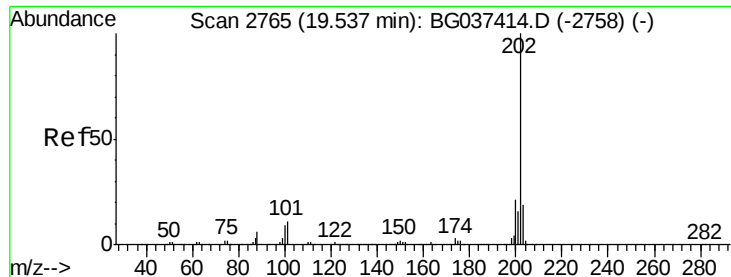
Abundance

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





#75

Fluoranthene

Concen: 45.725 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

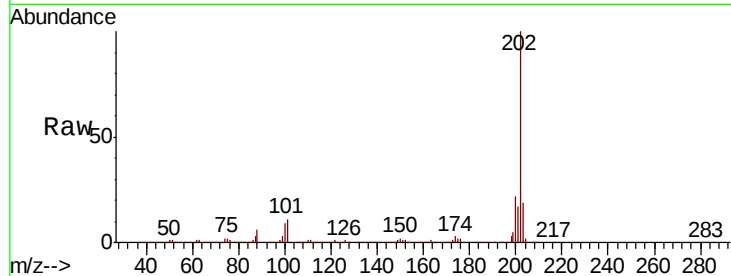
Tot Ion:202 Resp: 1251358

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

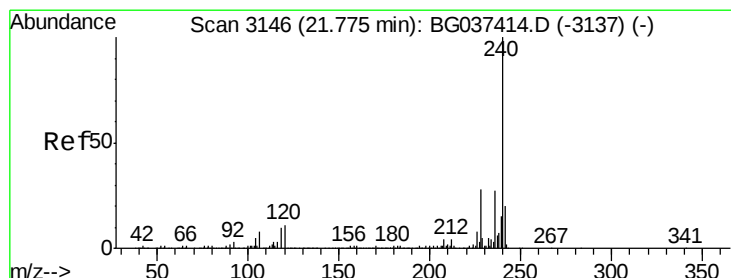
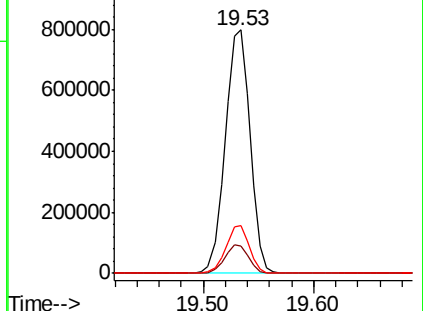
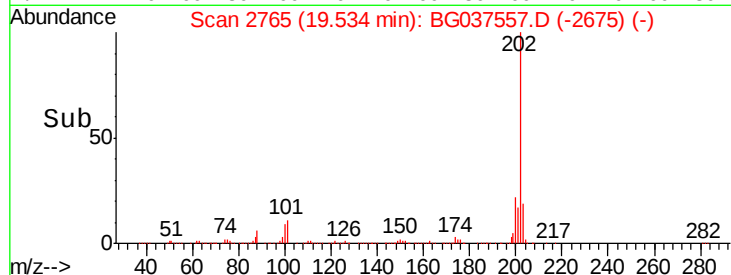
203 19.5 0.0 38.5



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: BG037557.D

Acq: 25 Oct 2018 22:53

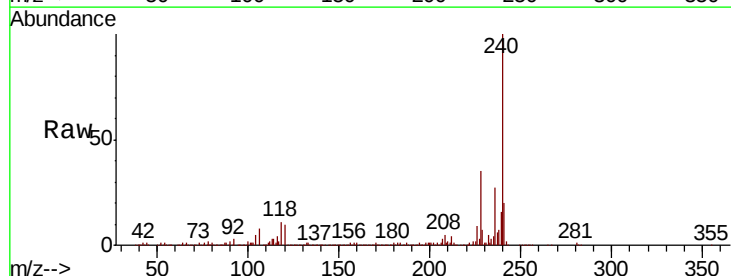
Tgt Ion:240 Resp: 405881

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

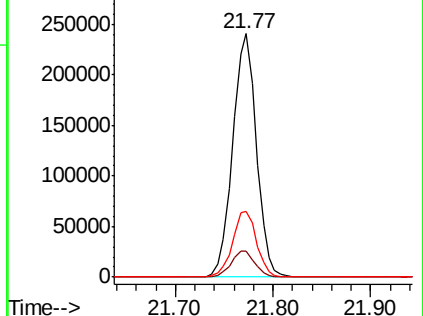
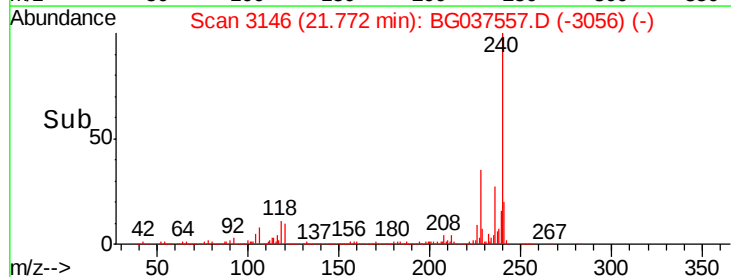
236 26.9 21.4 32.0

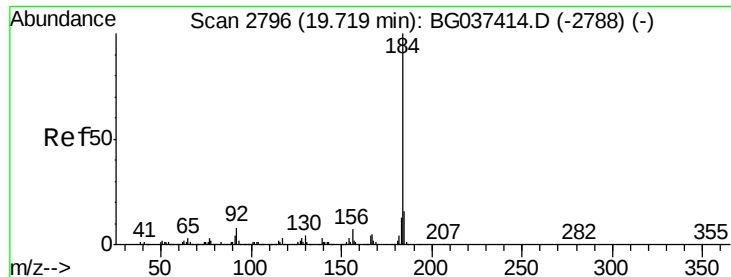


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.511 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

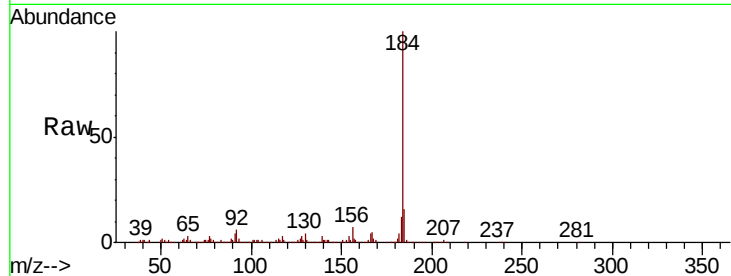
Tot Ion:184 Resp: 296873

Ion Ratio Lower Upper

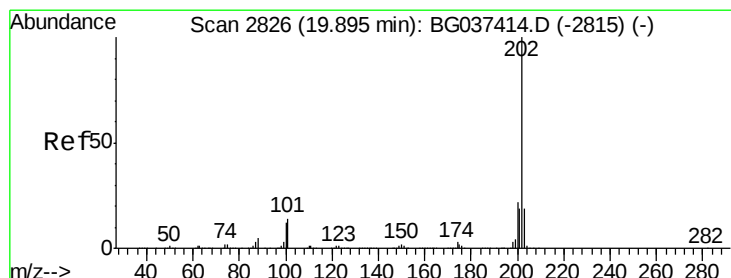
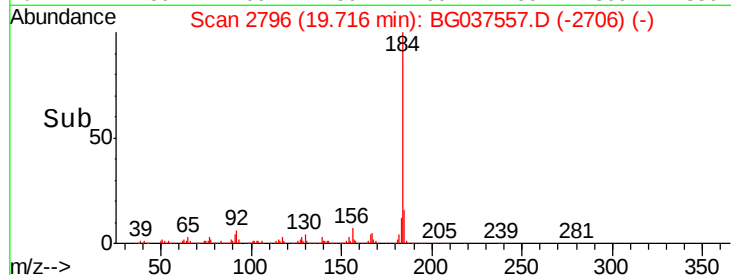
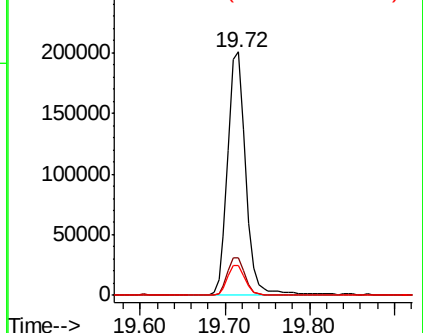
184 100

185 15.5 12.6 18.8

183 12.5 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: 46.797 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

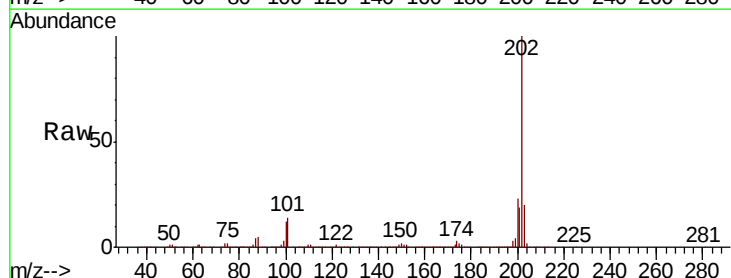
Tgt Ion:202 Resp: 1241659

Ion Ratio Lower Upper

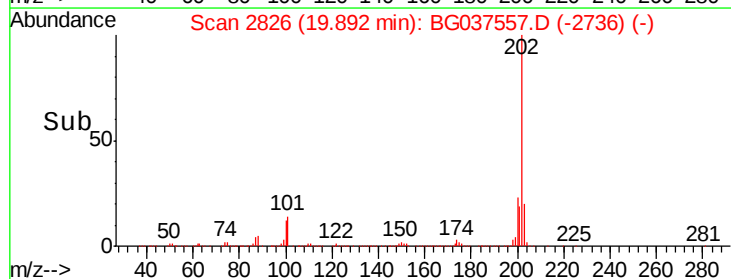
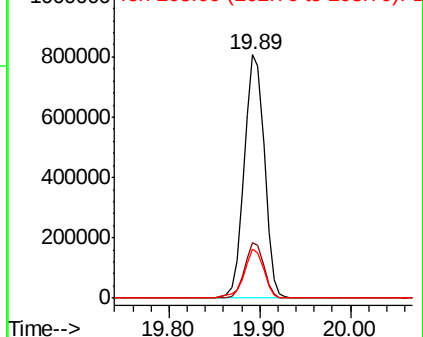
202 100

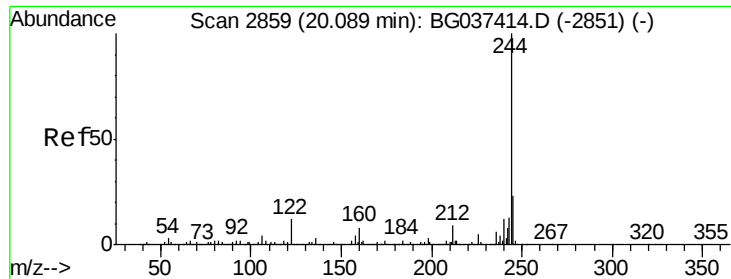
200 23.0 17.8 26.6

203 20.1 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: 74.234 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

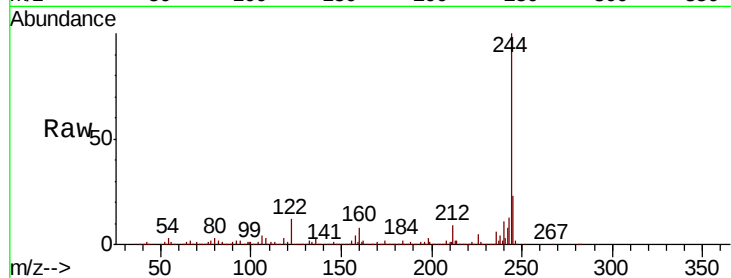
Tot Ion:244 Resp: 1410085

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

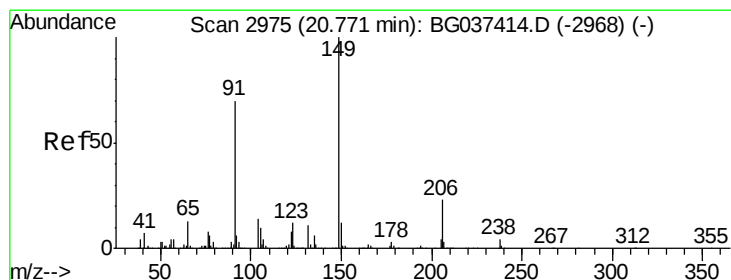
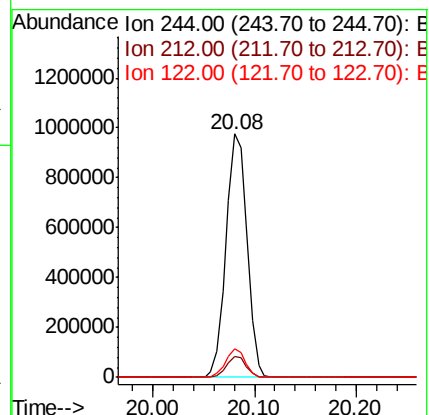
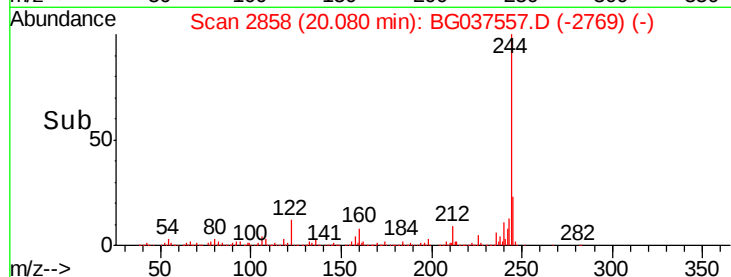
122 11.7 9.0 13.4



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: 50.618 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

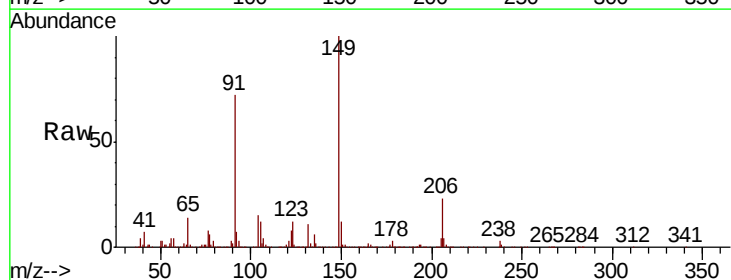
Tgt Ion:149 Resp: 549662

Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.4

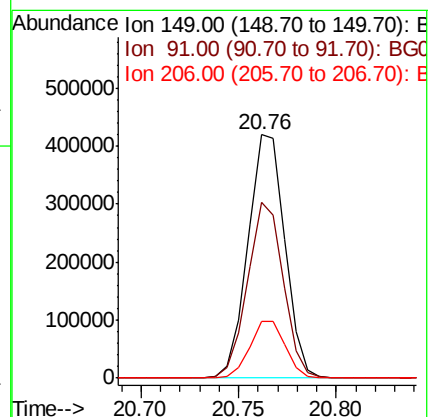
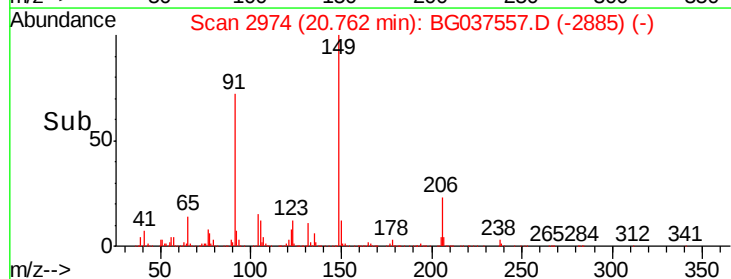
206 23.2 17.8 26.6



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

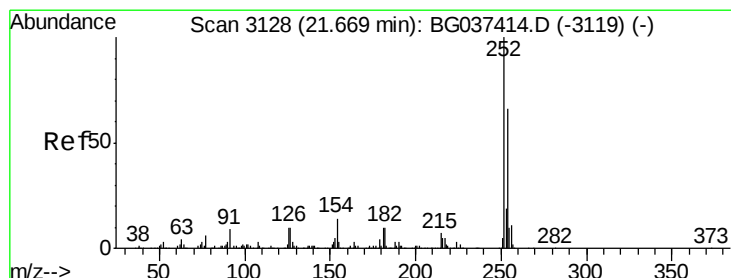
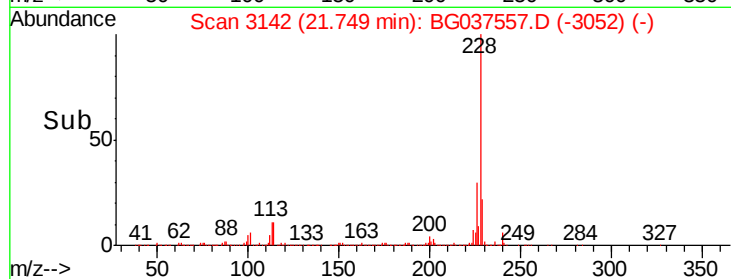
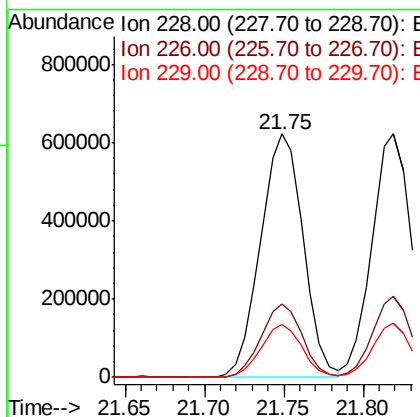
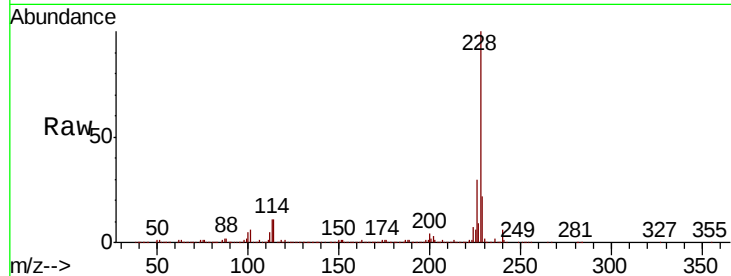




#81
Benzo(a)anthracene
Concen: 48.387 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

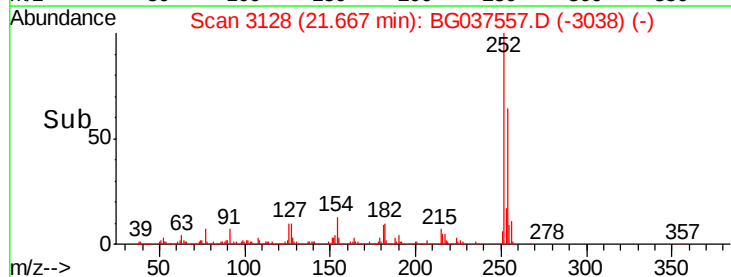
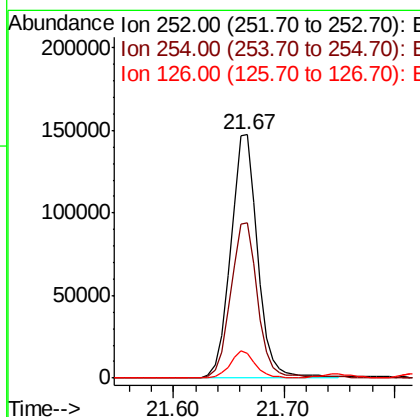
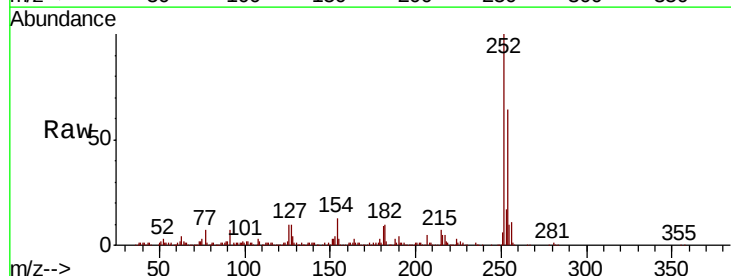
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

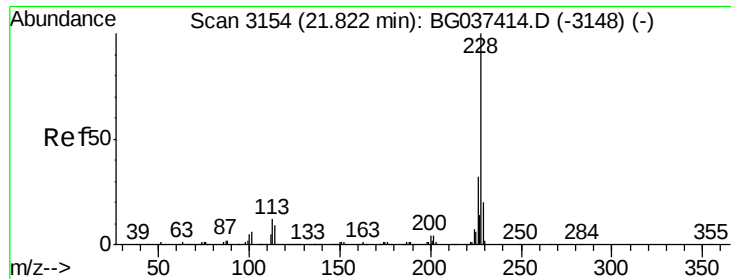
Tot Ion:228 Resp: 1161643
Ion Ratio Lower Upper
228 100
226 29.9 22.6 33.8
229 21.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.245 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 253527
Ion Ratio Lower Upper
252 100
254 64.0 52.0 78.0
126 10.3 8.2 12.4





#83

Chrysene

Concen: 46.727 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

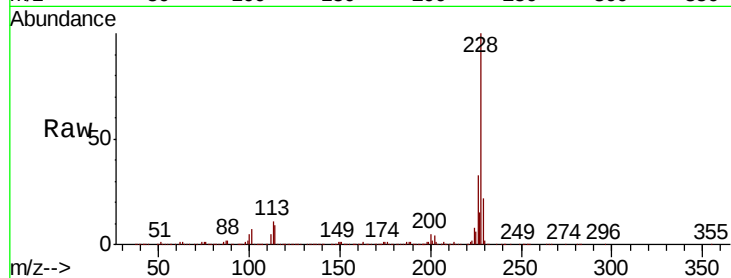
BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:228 Resp: 1078687

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	22.0	16.5	24.7

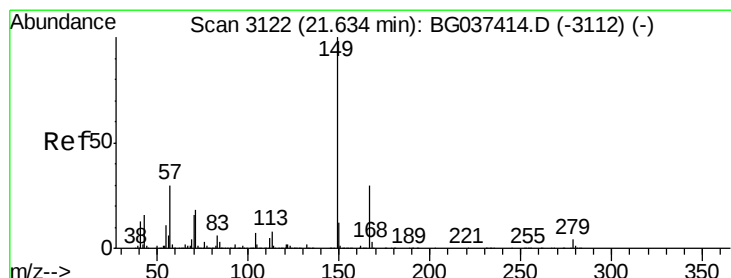
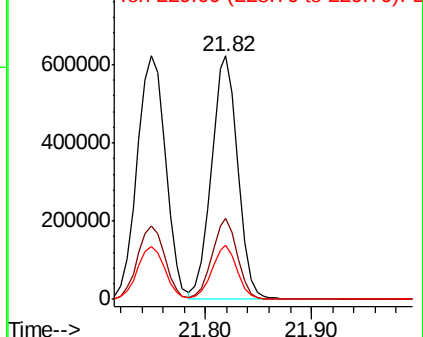
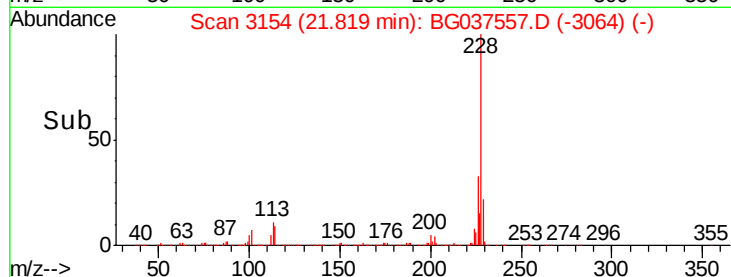


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.602 ng

RT: 21.63 min Scan# 3121

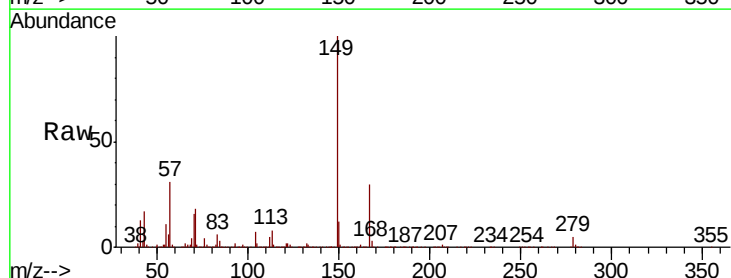
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:149 Resp: 770215

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.0	34.4
279	4.8	3.6	5.4

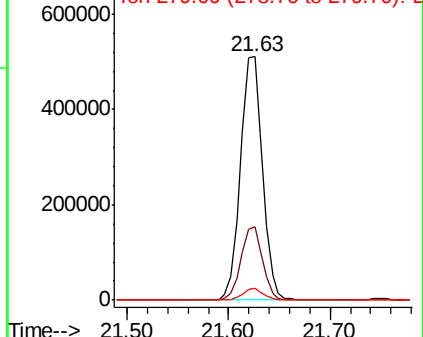
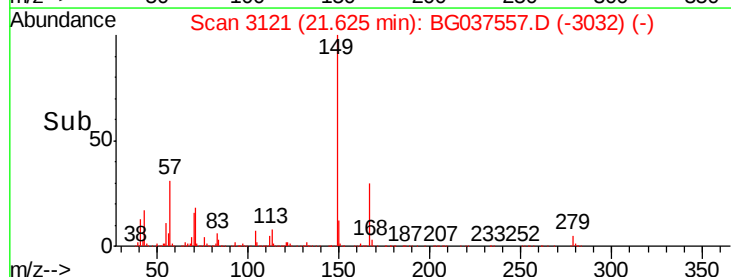


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

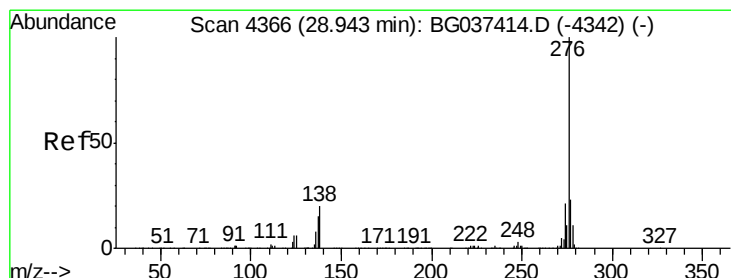
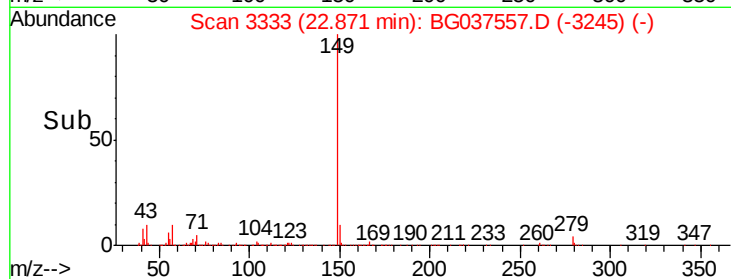
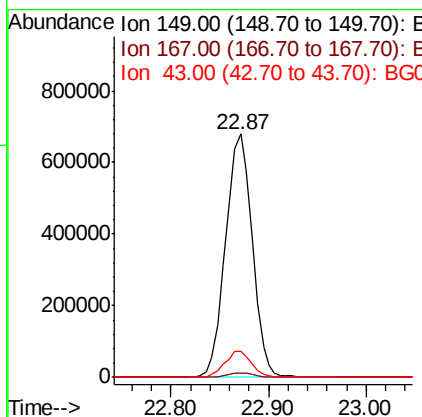
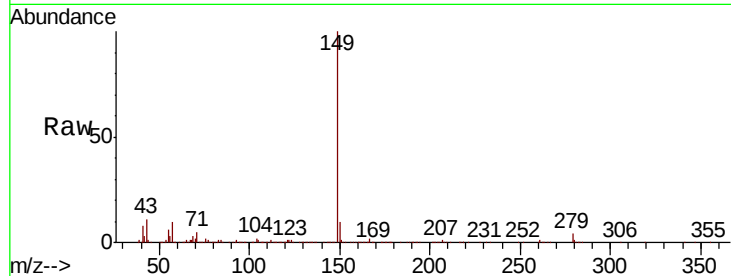




#85
Di-n-octyl phthalate
Concen: 51.933 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

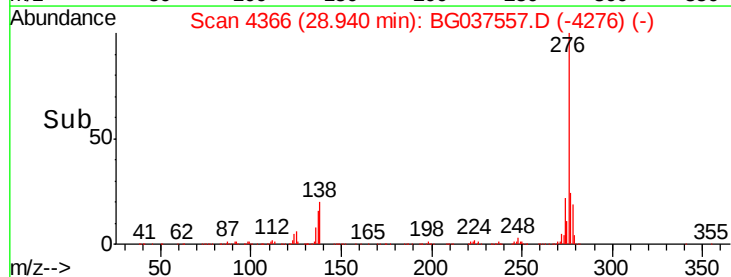
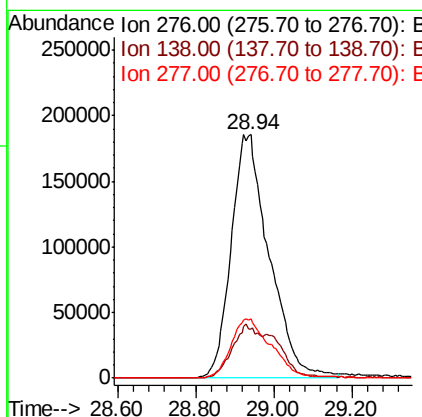
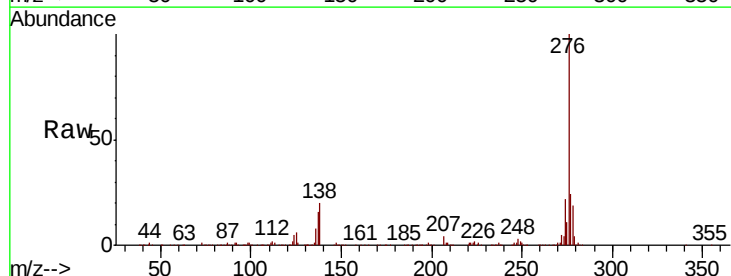
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

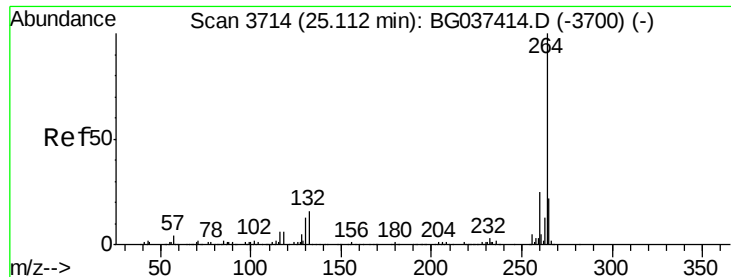
Tot Ion:149 Resp: 1288995
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.4 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.884 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:276 Resp: 1259894
Ion Ratio Lower Upper
276 100
138 15.5 12.0 18.0
277 25.5 20.6 30.8



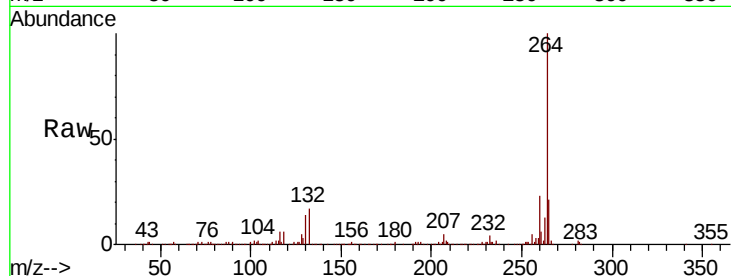


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

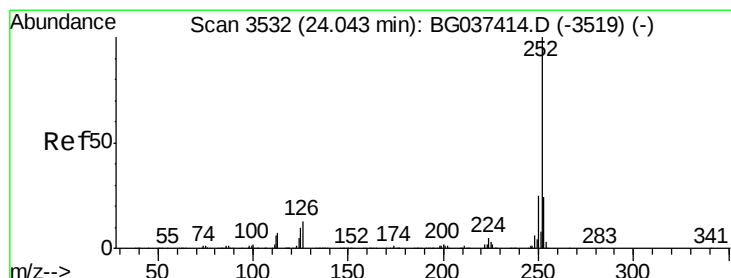
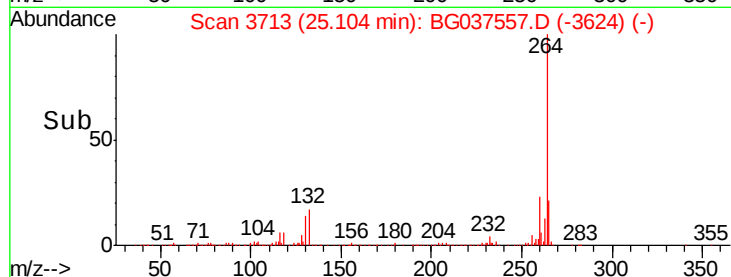
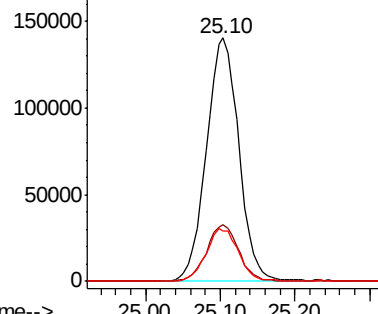
Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:264 Resp: 422595

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	17.9	26.9



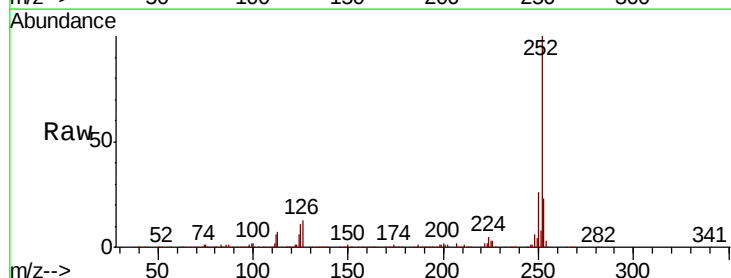
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



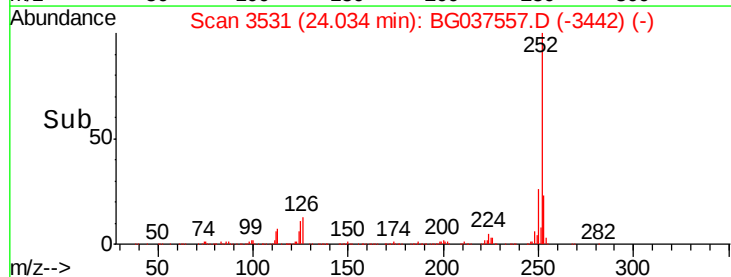
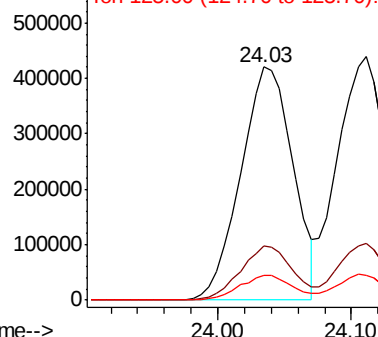
#88
Benzo(b)fluoranthene
Concen: 49.323 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 1142726

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	10.7	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

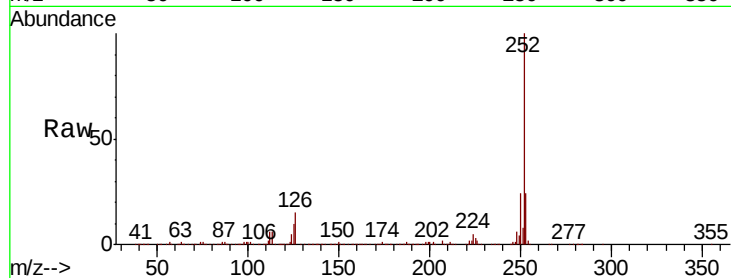




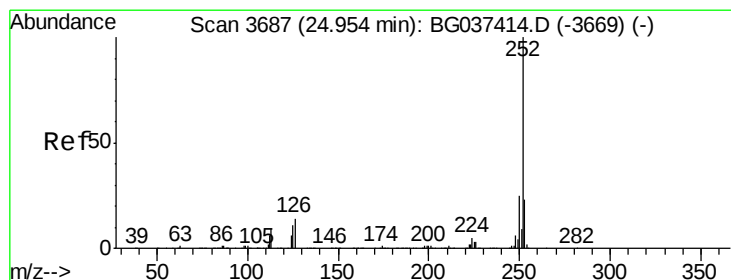
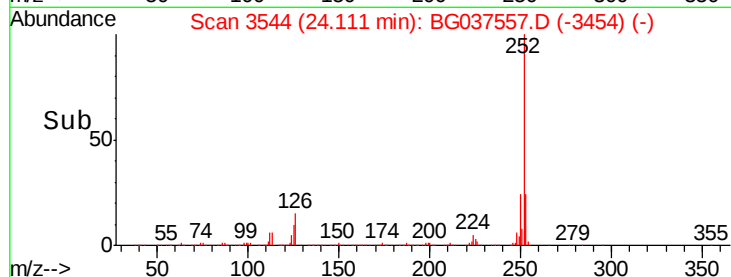
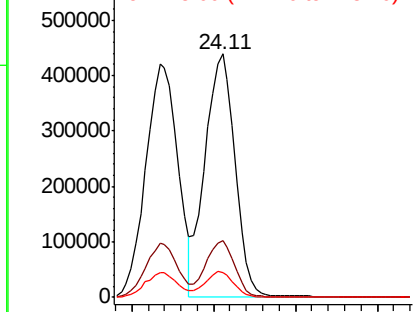
#89
Benzo(k)fluoranthene
Concen: 49.465 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion:252 Resp: 1122798
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.2 7.4 11.0

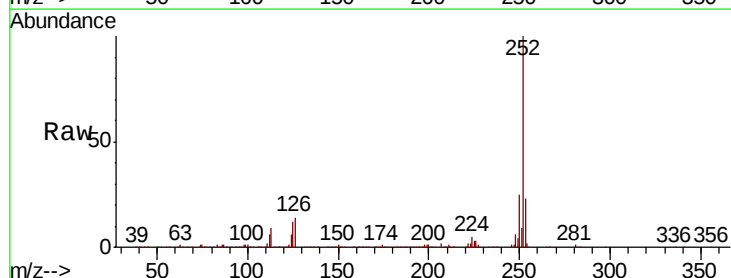


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

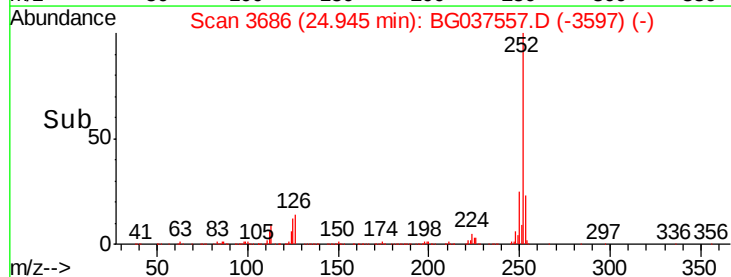
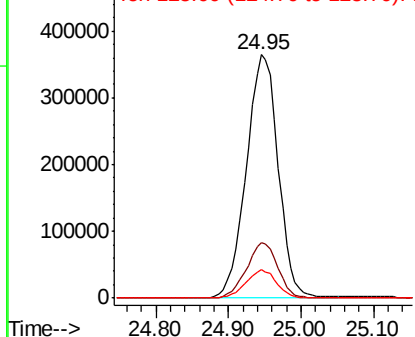


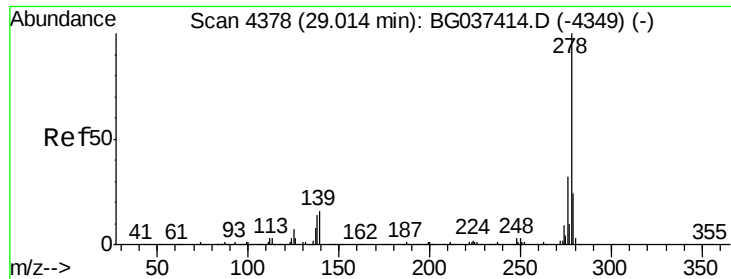
#90
Benzo(a)pyrene
Concen: 50.425 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 1110120
Ion Ratio Lower Upper
252 100
253 22.6 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: 50.607 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

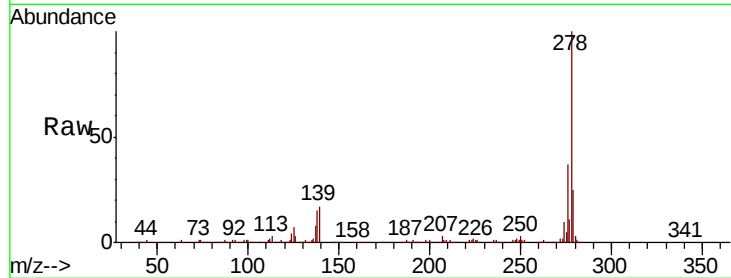
BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:278 Resp: 1027693

Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.6	18.6	27.8

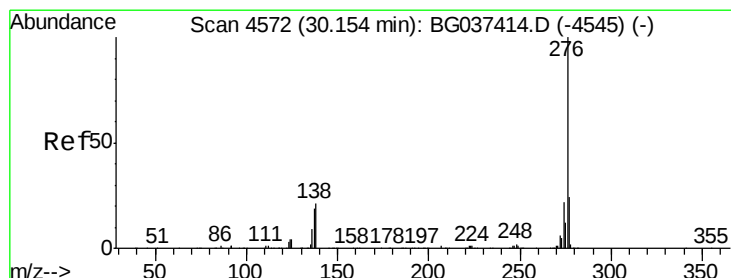
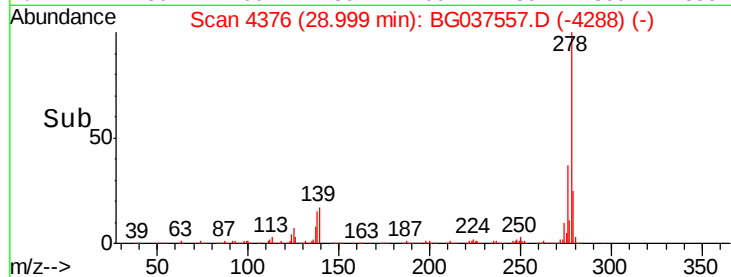
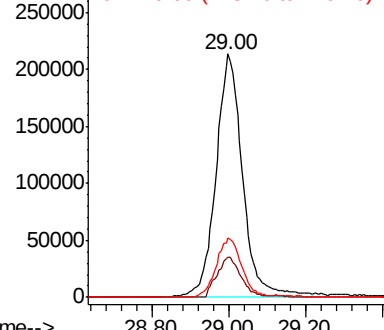


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 51.077 ng

RT: 30.14 min Scan# 4570

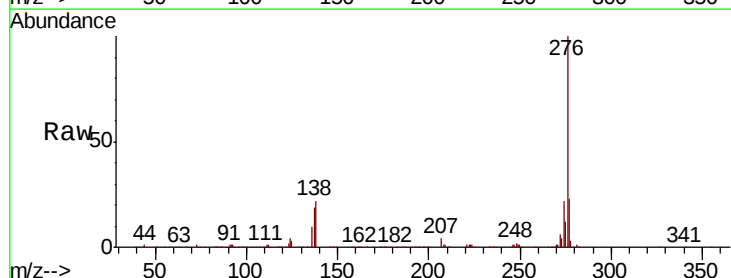
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:276 Resp: 1049382

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	21.8	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

