

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037936.D
 Acq On : 10 Nov 2018 1:09
 Operator : JU/SJ
 Sample : J5863-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Quant Time: Nov 12 06:12:18 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	8.09	152	46397	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	203029	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	134554	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	304741	20.00	ng	0.00
76) Chrysene-d12	21.76	240	271524	20.00	ng	-0.01
87) Perylene-d12	25.09	264	266592	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	313071	112.81	ng	0.00
7) Phenol-d6	7.24	99	412937	98.40	ng	0.00
23) Nitrobenzene-d5	9.28	82	303223	83.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	183794	125.24	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	687738	77.07	ng	-0.02
79) Terphenyl-d14	20.07	244	1079564	84.96	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	44169	31.384	ng	# 1
3) Pyridine	3.94	79	130990	36.928	ng	98
4) n-Nitrosodimethylamine	3.85	42	59873	47.388	ng	# 97
6) Aniline	7.42	93	53586	10.467	ng	98
8) 2-Chlorophenol	7.65	128	157600	48.544	ng	98
9) Benzaldehyde	7.24	77	90993	34.664	ng	95
10) Phenol	7.27	94	176486	39.860	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	155104	46.123	ng	94
12) 1,3-Dichlorobenzene	7.98	146	166850	46.164	ng	99
13) 1,4-Dichlorobenzene	8.13	146	170564	46.135	ng	98
14) 1,2-Dichlorobenzene	8.45	146	161943	45.536	ng	97
15) Benzyl Alcohol	8.33	79	139161	44.880	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	277985	46.199	ng	96
17) 2-Methylphenol	8.53	107	138864	47.439	ng	99
18) Hexachloroethane	9.18	117	61614	48.884	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	126398	43.741	ng	95
20) 3+4-Methylphenols	8.86	107	195852	46.797	ng	99
22) Acetophenone	8.92	105	241965	47.520	ng	# 99
24) Nitrobenzene	9.32	77	189612	50.360	ng	96
25) Isophorone	9.83	82	367628	55.515	ng	97
26) 2-Nitrophenol	10.02	139	93892	55.356	ng	97
27) 2,4-Dimethylphenol	10.07	122	168180	55.534	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	222022	51.172	ng	99
29) 2,4-Dichlorophenol	10.56	162	176220	52.262	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	175937	47.981	ng	96
31) Naphthalene	10.97	128	528671	53.014	ng	99
32) Benzoic acid	10.18	122	57993	29.483	ng	94
33) 4-Chloroaniline	11.08	127	14341	3.061	ng	98
34) Hexachlorobutadiene	11.23	225	106267	48.898	ng	97
35) Caprolactam	11.86	113	47556	35.166	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	193974	51.010	ng	96
37) 2-Methylnaphthalene	12.56	142	398893	54.873	ng	100
38) 1-Methylnaphthalene	12.78	142	378497	53.614	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	212620	48.990	ng	99

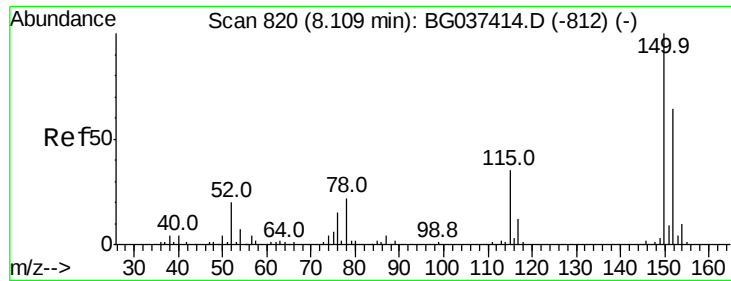
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	234892	113.302	ng	100
43) 2,4,6-Trichlorophenol	13.16	196	150013	51.737	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	162798	51.568	ng	99
46) 1,1'-Biphenyl	13.56	154	515874	46.294	ng	99
47) 2-Chloronaphthalene	13.61	162	413286	49.023	ng	99
48) 2-Nitroaniline	13.82	65	136352	53.334	ng	95
49) Acenaphthylene	14.46	152	677251	53.404	ng	100
50) Dimethylphthalate	14.18	163	527666	50.692	ng	100
51) 2,6-Dinitrotoluene	14.31	165	121034	52.561	ng	90
52) Acenaphthene	14.79	154	396798	50.805	ng	98
53) 3-Nitroaniline	14.64	138	33648	13.162	ng	# 86
54) 2,4-Dinitrophenol	14.84	184	37975	49.941	ng	89
55) Dibenzofuran	15.13	168	636547	49.191	ng	99
56) 4-Nitrophenol	14.94	139	173711	91.802	ng	93
57) 2,4-Dinitrotoluene	15.09	165	169408	56.044	ng	95
58) Fluorene	15.77	166	511501	52.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	138601	51.277	ng	99
60) Diethylphthalate	15.53	149	542971	50.808	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	272491	48.244	ng	98
62) 4-Nitroaniline	15.81	138	120326	47.369	ng	93
63) Azobenzene	16.06	77	508640	49.884	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	51125	34.811	ng	99
66) n-Nitrosodiphenylamine	15.98	169	462685	50.475	ng	100
67) 4-Bromophenyl-phenylether	16.65	248	168980	50.494	ng	99
68) Hexachlorobenzene	16.77	284	171252	49.375	ng	99
69) Atrazine	16.92	200	172920	52.175	ng	99
70) Pentachlorophenol	17.11	266	134898	58.064	ng	96
71) Phenanthrene	17.52	178	825304	53.287	ng	100
72) Anthracene	17.61	178	832338	54.762	ng	98
73) Carbazole	17.88	167	751973	49.460	ng	100
74) Di-n-butylphthalate	18.42	149	905386	53.533	ng	100
75) Fluoranthene	19.52	202	945626	53.832	ng	99
77) Benzidine	19.71	184	113433	12.286	ng	98
78) Pyrene	19.89	202	944144	53.191	ng	99
80) Butylbenzylphthalate	20.76	149	403469	55.541	ng	97
81) Benzo(a)anthracene	21.74	228	869904	54.164	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	90267	14.500	ng	99
83) Chrysene	21.81	228	831096	53.816	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	571050	56.081	ng	99
85) Di-n-octyl phthalate	22.85	149	949361	57.176	ng	98
86) Indeno(1,2,3-cd)pyrene	28.90	276	659783	39.833	ng	98
88) Benzo(b)fluoranthene	24.02	252	817329	55.922	ng	99
89) Benzo(k)fluoranthene	24.09	252	852558	59.539	ng	98
90) Benzo(a)pyrene	24.93	252	779644	56.137	ng	99
91) Dibenzo(a,h)anthracene	28.97	278	534315	41.708	ng	98
92) Benzo(g,h,i)perylene	30.11	276	585102	45.144	ng	99

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

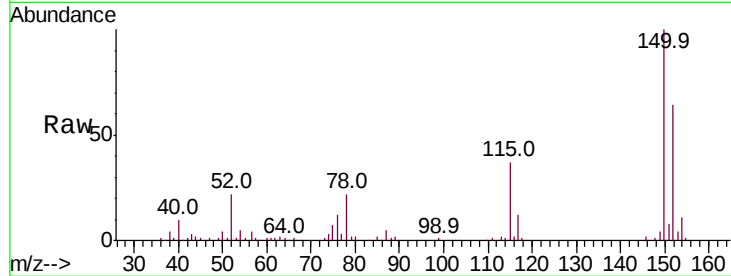


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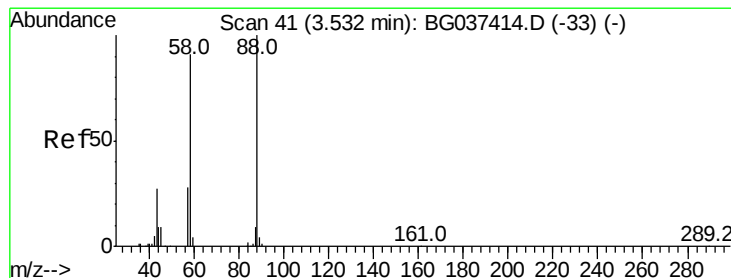
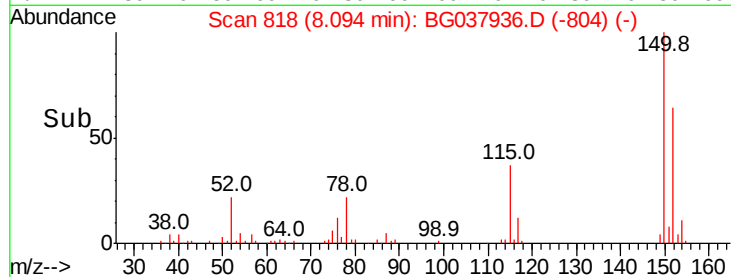
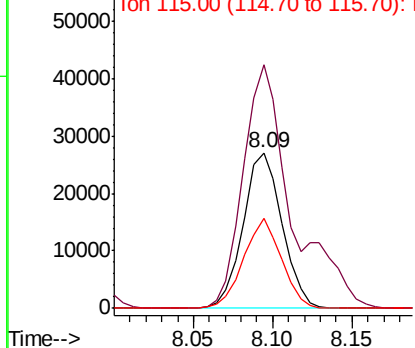
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.0	189.0
115	57.7	45.5	68.3



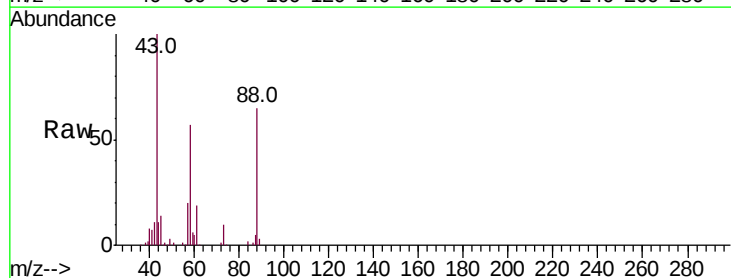
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



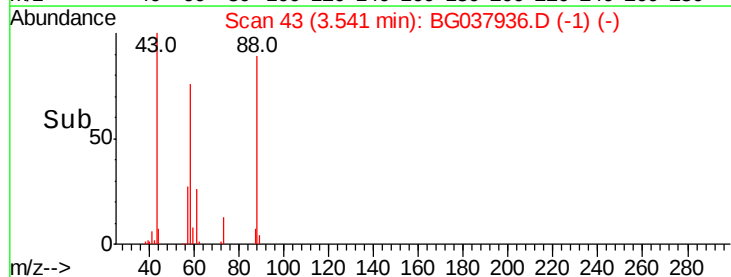
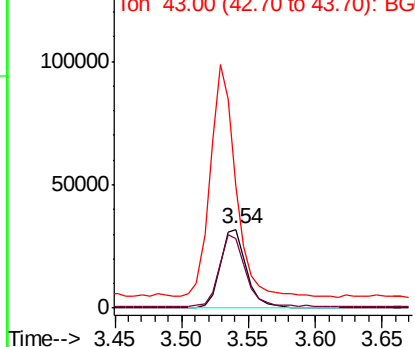
#2

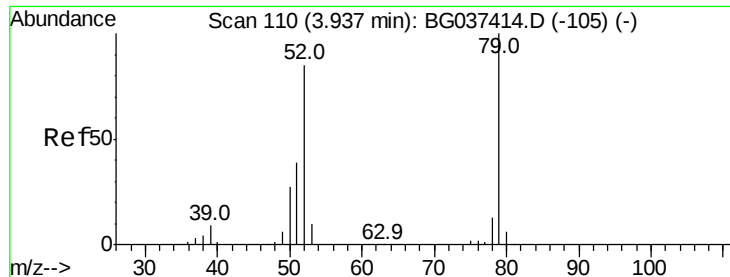
1,4-Dioxane
Concen: 31.384 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.8	74.4	111.6
43	286.1	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: 36.928 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

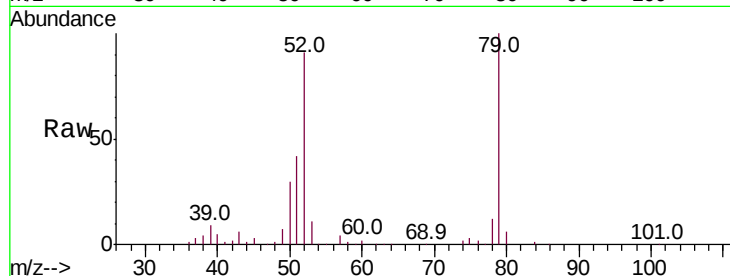
Tot Ion: 79 Resp: 130990

Ion Ratio Lower Upper

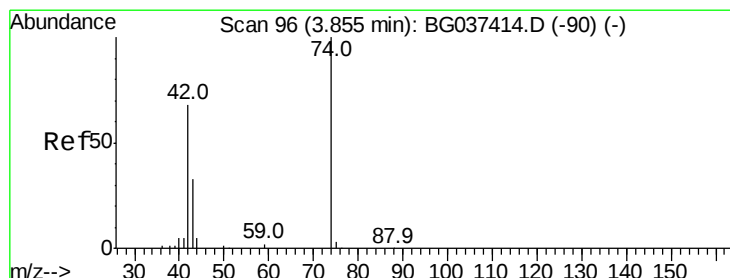
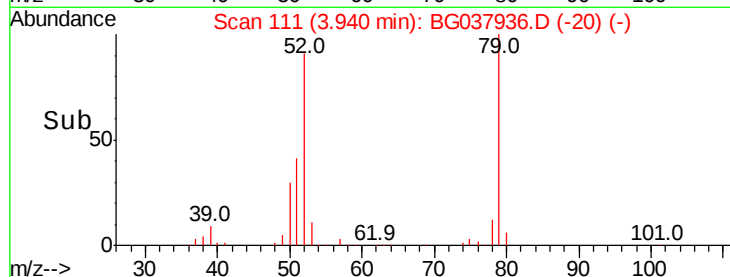
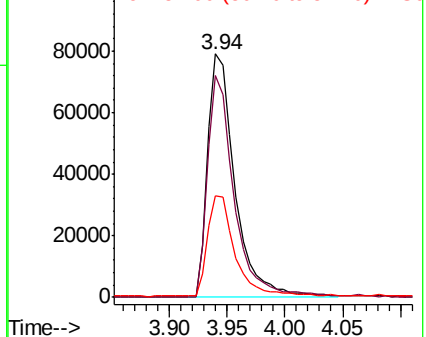
79 100

52 91.3 74.2 111.2

51 41.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 47.388 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

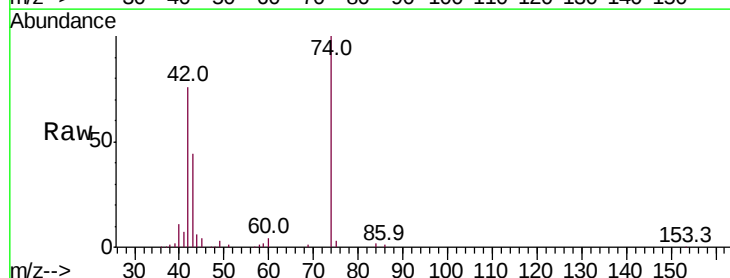
Tgt Ion: 42 Resp: 59873

Ion Ratio Lower Upper

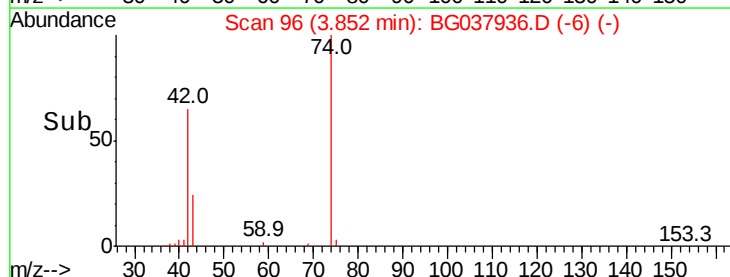
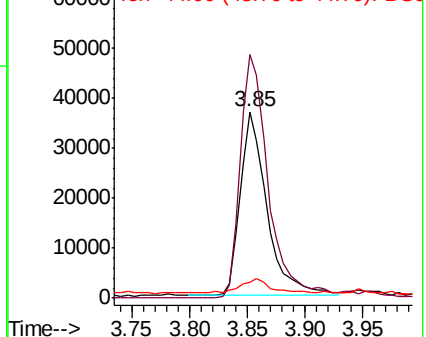
42 100

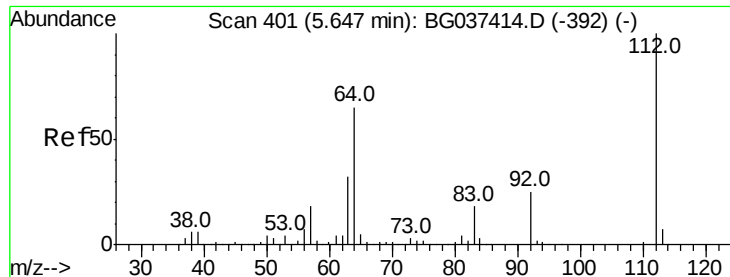
74 130.7 102.0 153.0

44 8.3 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 112.811 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

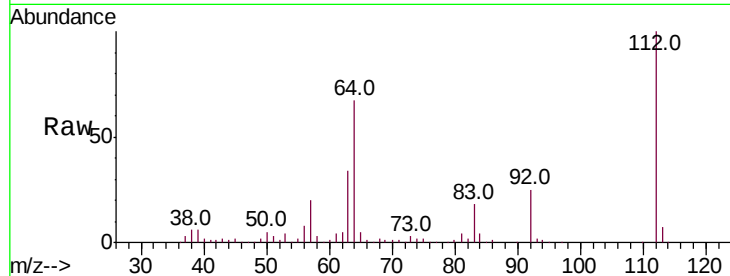
Tot Ion:112 Resp: 313071

Ion Ratio Lower Upper

112 100

64 66.8 53.1 79.7

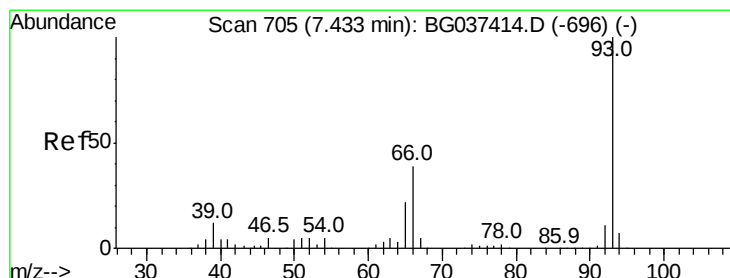
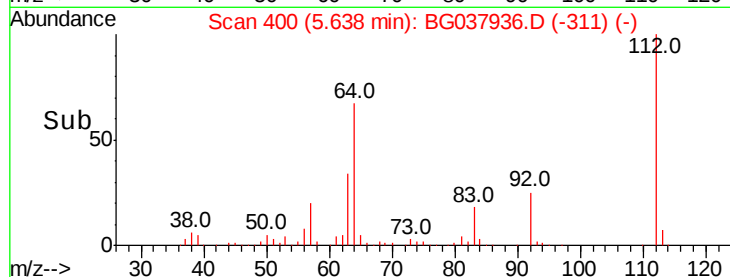
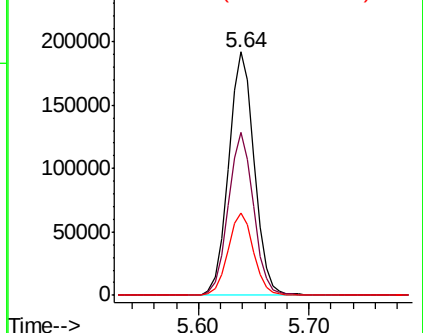
63 34.0 27.3 40.9



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: 10.467 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

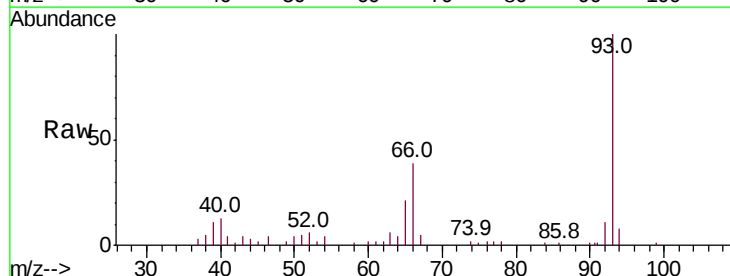
Tgt Ion: 93 Resp: 53586

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

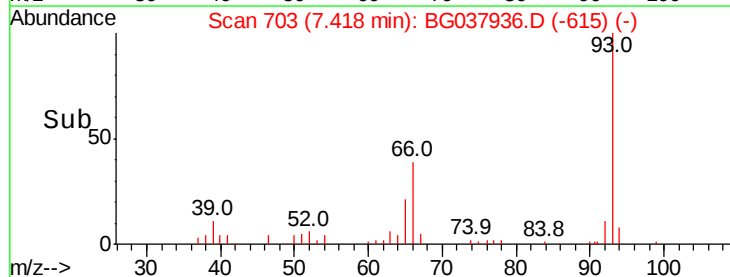
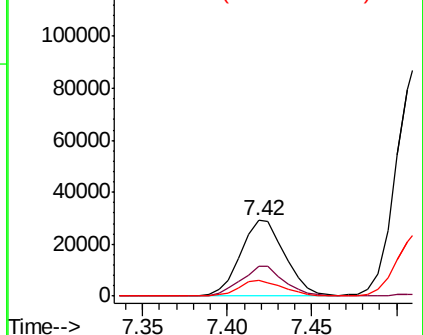
65 20.7 16.4 24.6



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: 98.402 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

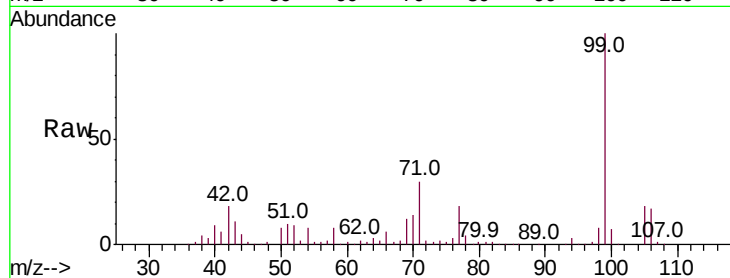
Tot Ion: 99 Resp: 412937

Ion Ratio Lower Upper

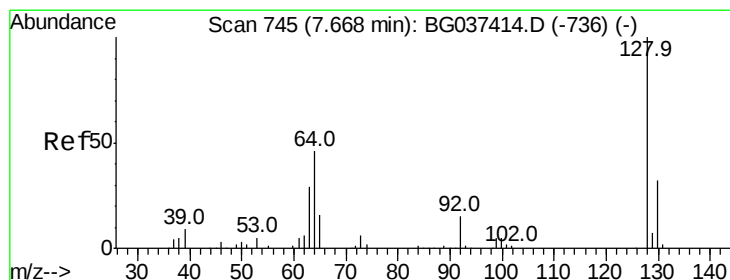
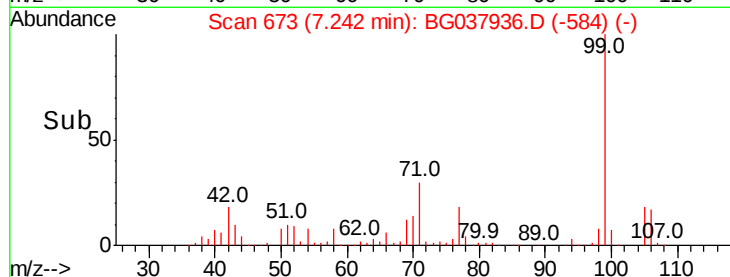
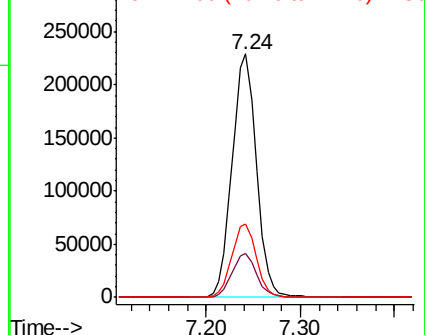
99 100

42 18.2 15.0 22.4

71 30.3 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: 48.544 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

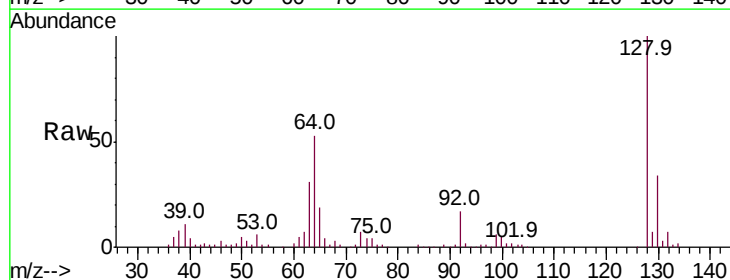
Tgt Ion: 128 Resp: 157600

Ion Ratio Lower Upper

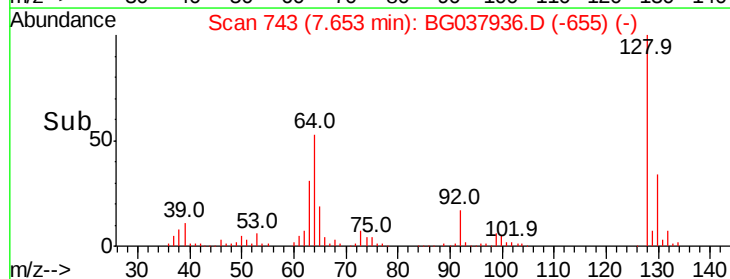
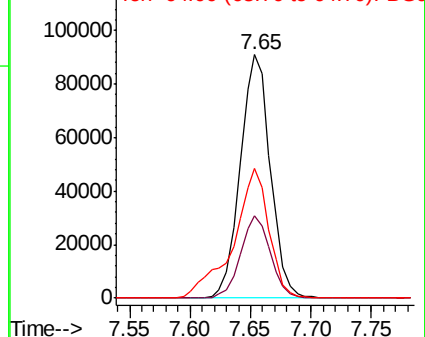
128 100

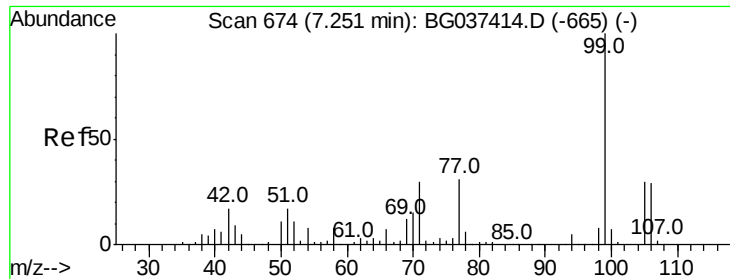
130 34.0 12.0 52.0

64 53.3 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

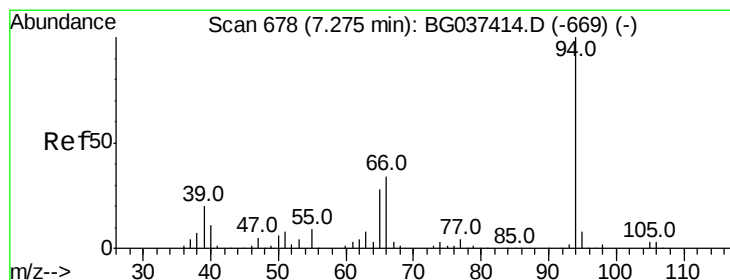
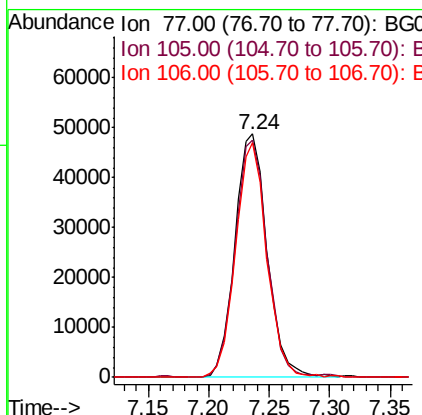
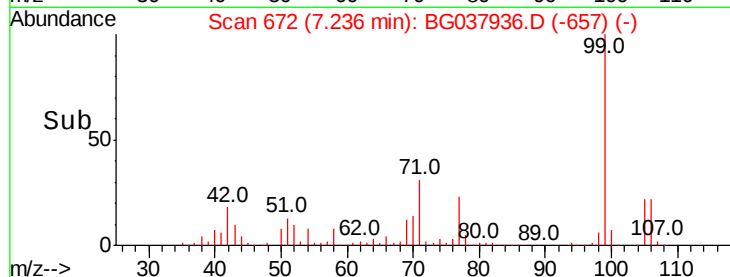
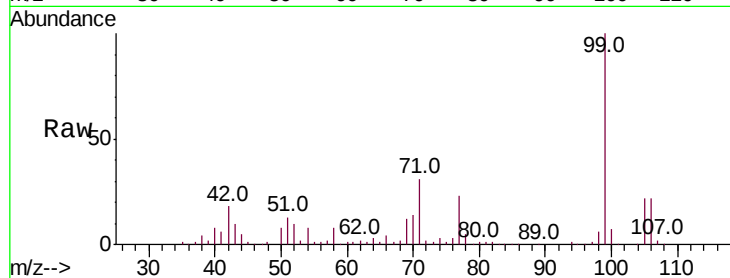




#9
Benzaldehyde
Concen: 34.664 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

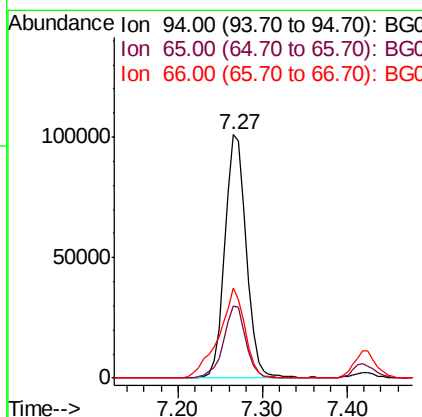
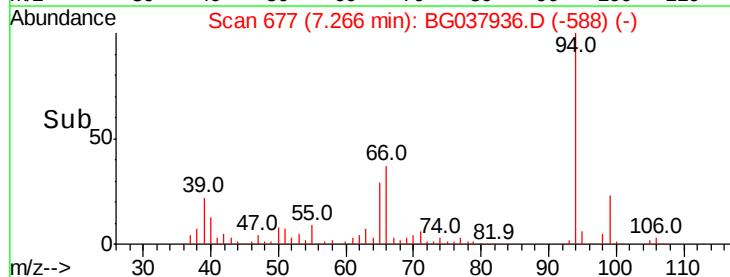
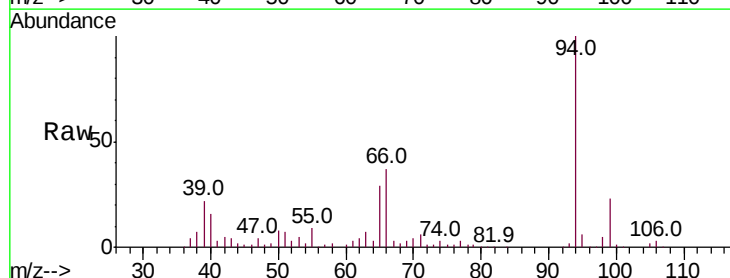
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

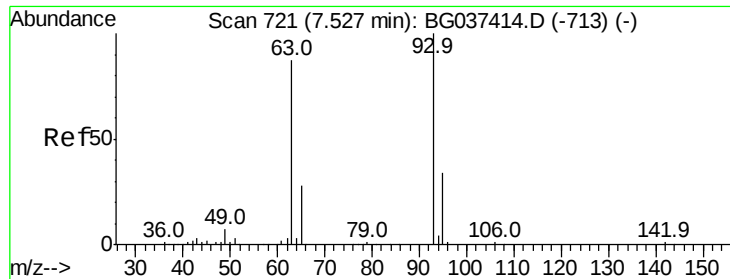
Tot Ion: 77 Resp: 90993
Ion Ratio Lower Upper
77 100
105 97.3 72.6 112.6
106 96.6 71.3 111.3



#10
Phenol
Concen: 39.860 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion: 94 Resp: 176486
Ion Ratio Lower Upper
94 100
65 29.4 9.7 49.7
66 36.9 15.9 55.9

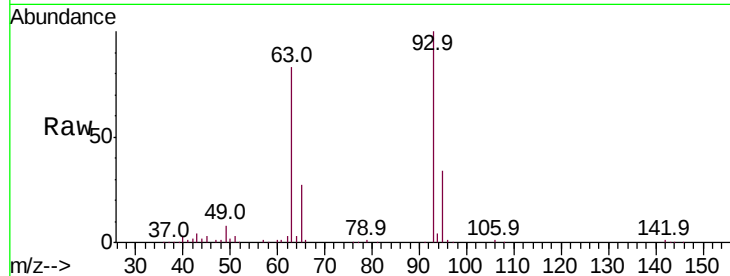




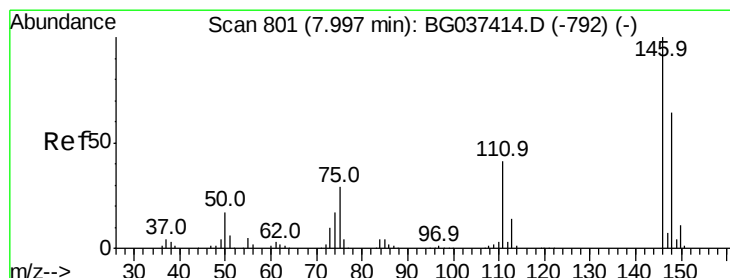
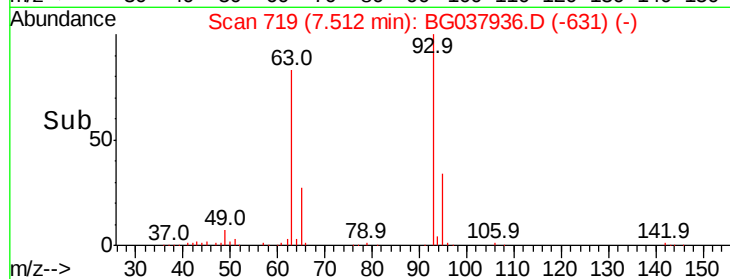
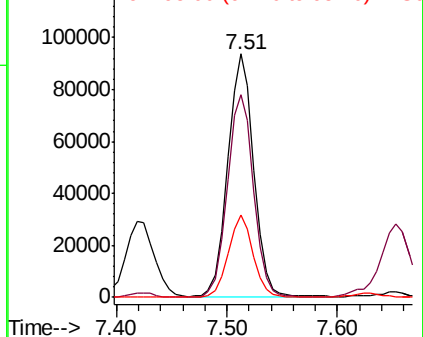
#11
bis(2-Chloroethyl)ether
Concen: 46.123 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion: 93 Resp: 155104
Ion Ratio Lower Upper
93 100
63 83.2 69.5 109.5
95 34.0 12.6 52.6

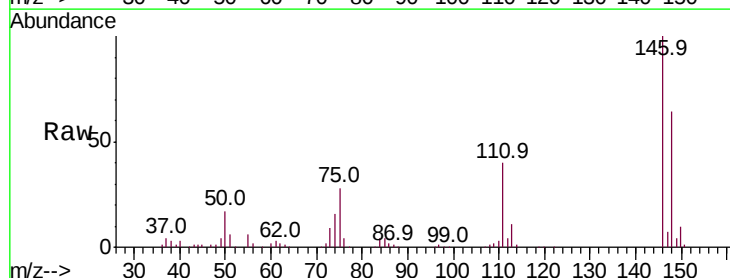


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

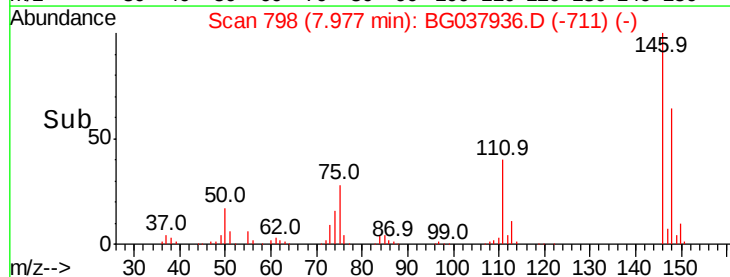
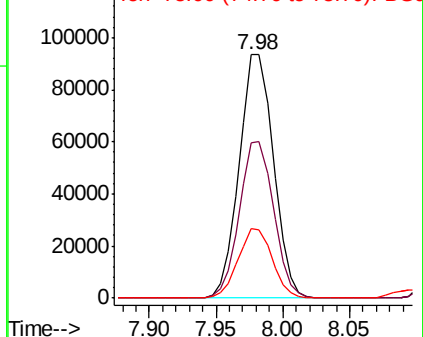


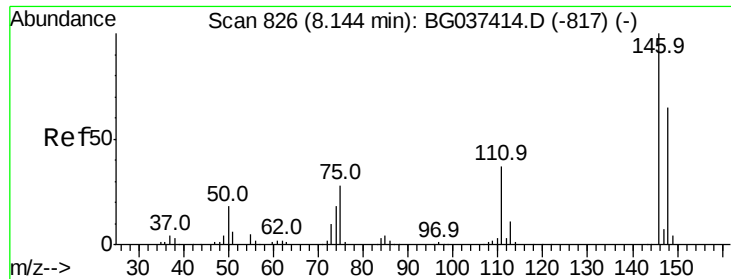
#12
1,3-Dichlorobenzene
Concen: 46.164 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion: 146 Resp: 166850
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.8
75 28.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

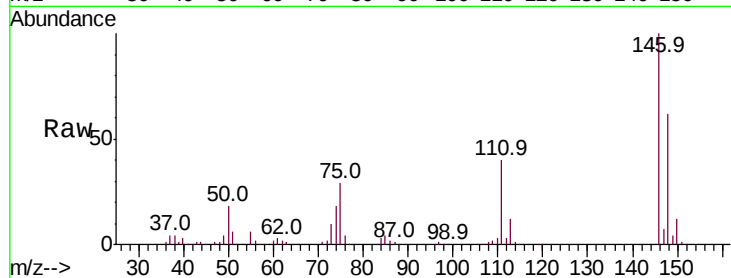




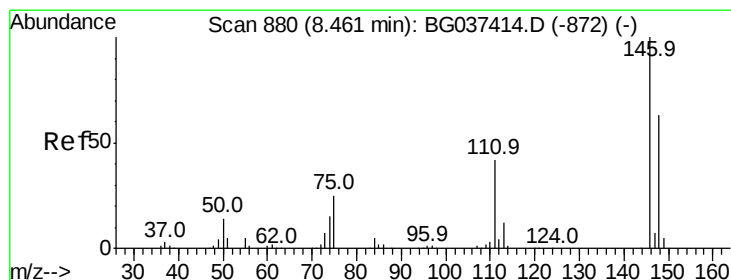
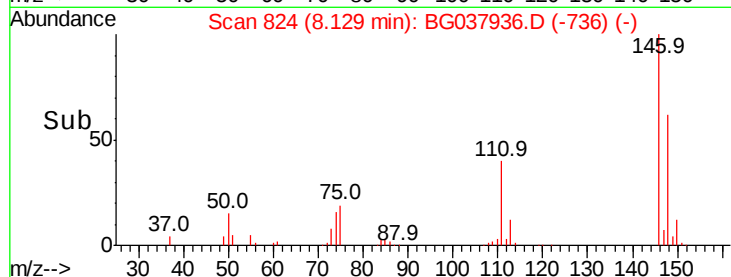
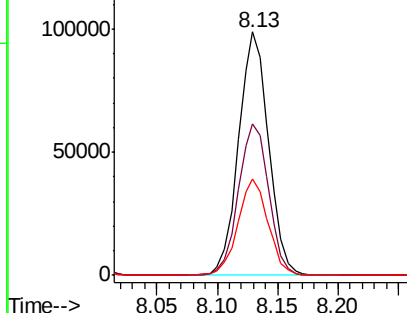
#13
 1,4-Dichlorobenzene
 Concen: 46.135 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.0	76.6
111	39.7	32.4	48.6

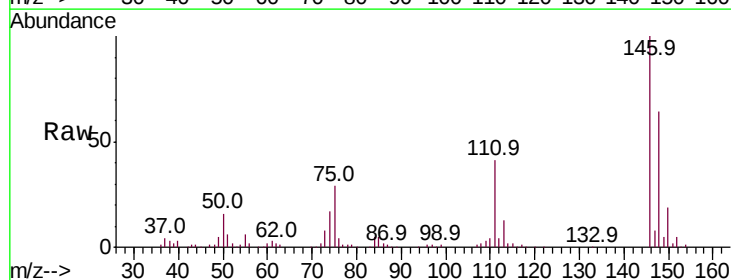


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

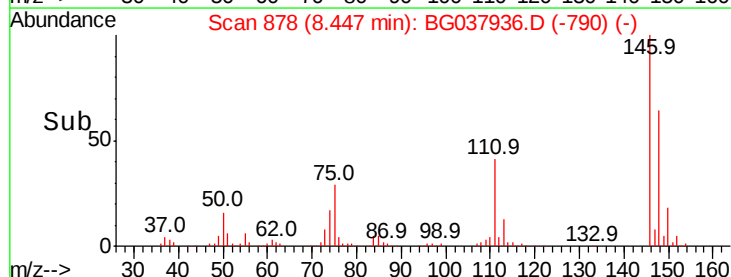
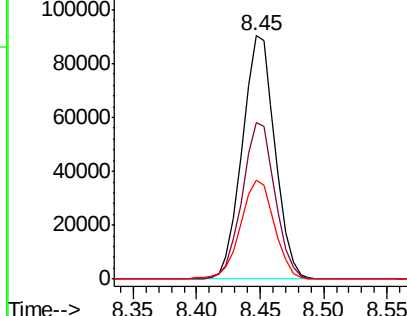


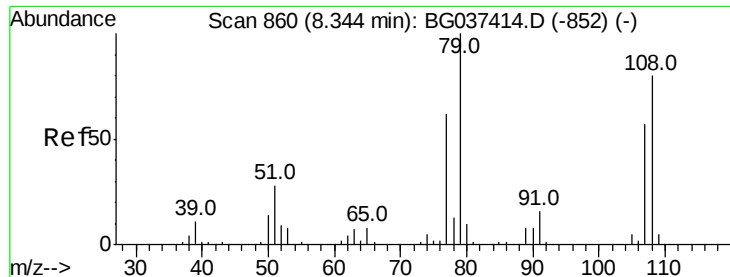
#14
 1,2-Dichlorobenzene
 Concen: 45.536 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	40.6	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 44.880 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

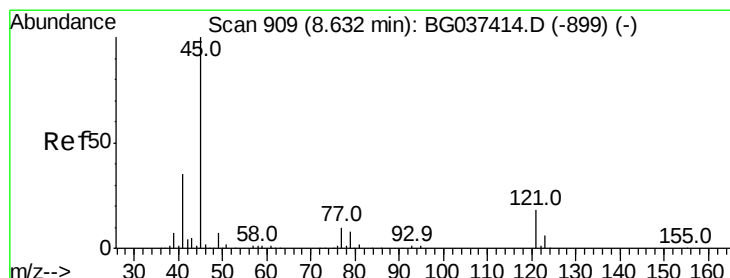
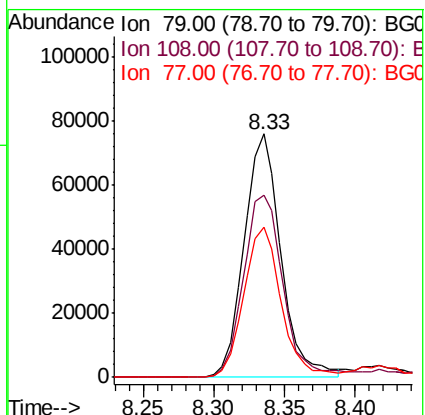
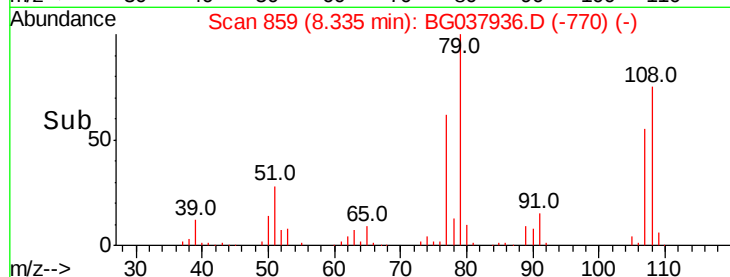
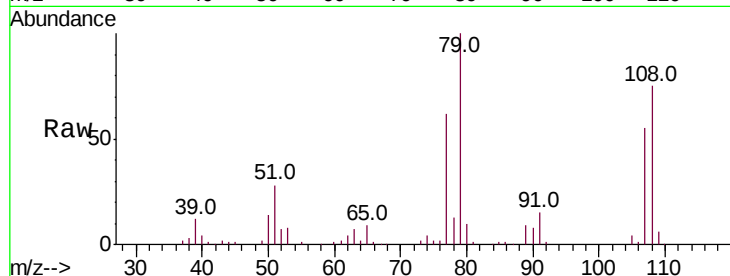
Tot Ion: 79 Resp: 139161

Ion Ratio Lower Upper

79 100

108 74.9 65.8 98.8

77 61.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.199 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

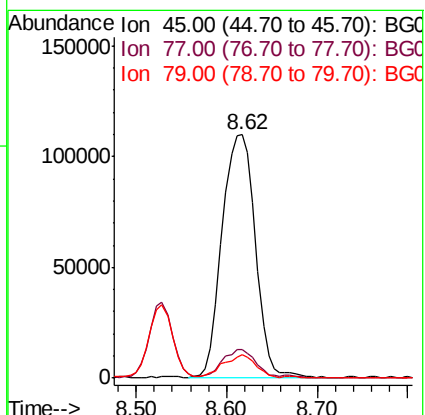
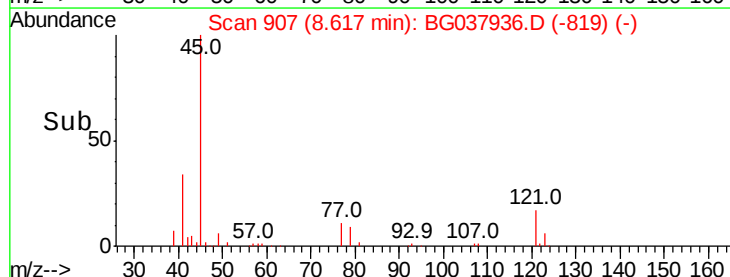
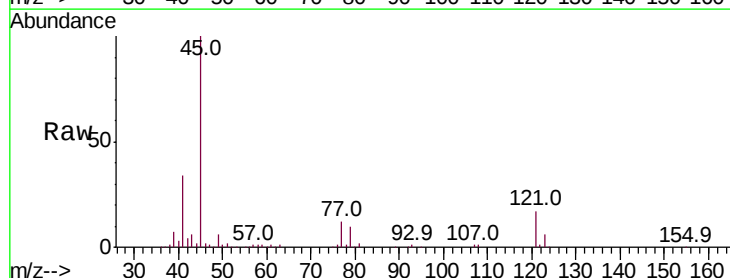
Tgt Ion: 45 Resp: 277985

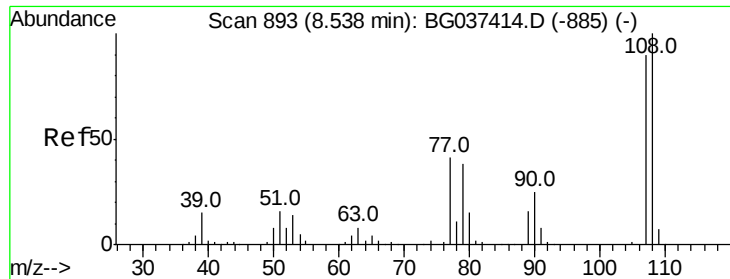
Ion Ratio Lower Upper

45 100

77 12.0 0.0 30.0

79 9.7 0.0 29.0

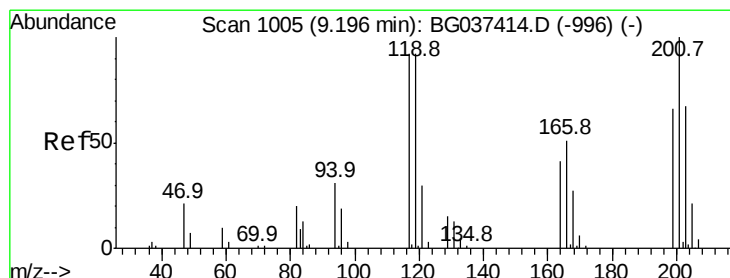
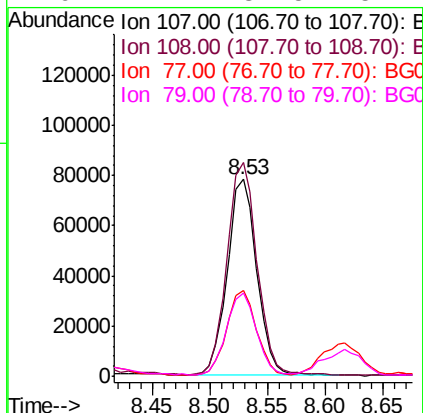
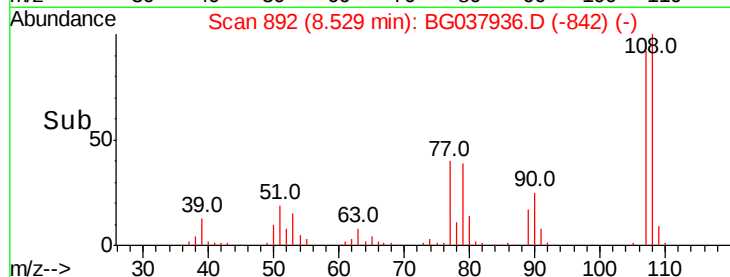
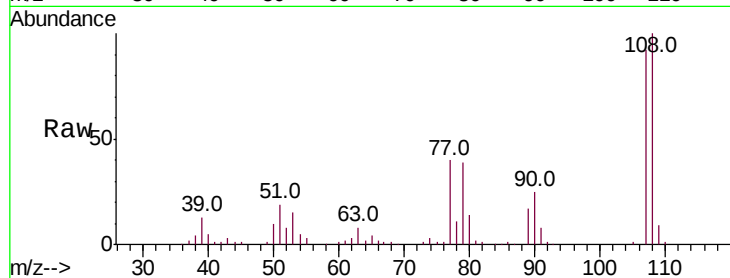




#17
2-Methylphenol
Concen: 47.439 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

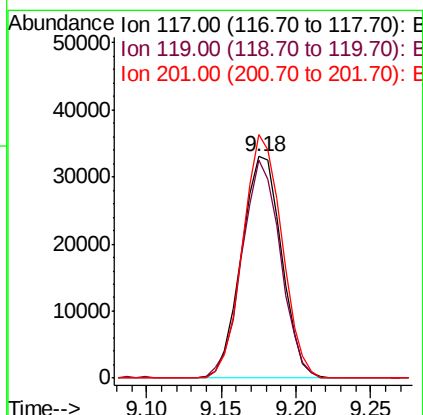
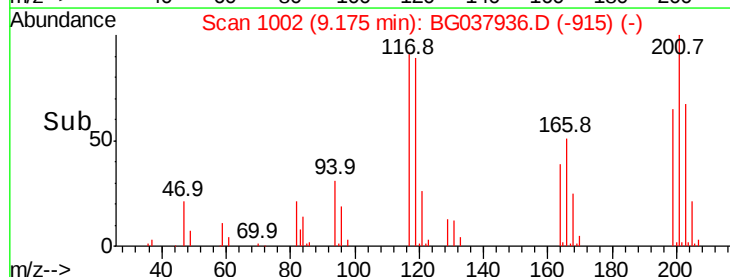
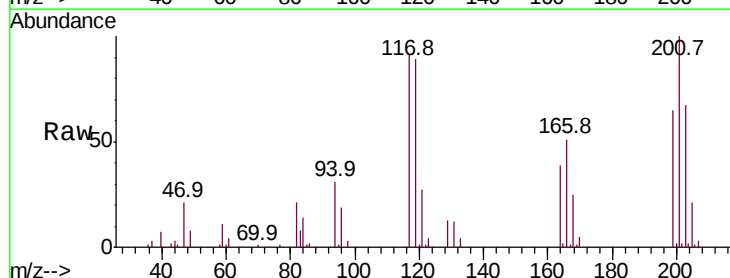
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

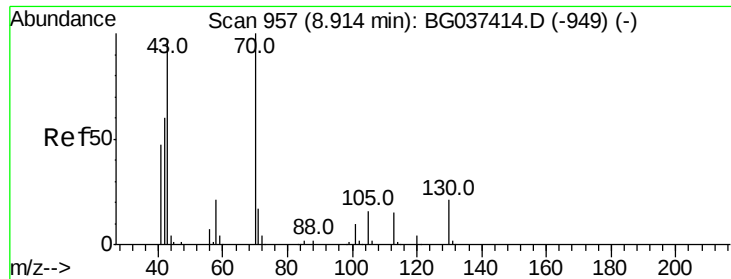
Tot Ion:	107	Resp:	138864
Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.9	131.9
77	43.9	35.1	52.7
79	42.2	34.5	51.7



#18
Hexachloroethane
Concen: 48.884 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:	117	Resp:	61614
Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.6	111.8
201	112.5	80.8	121.2

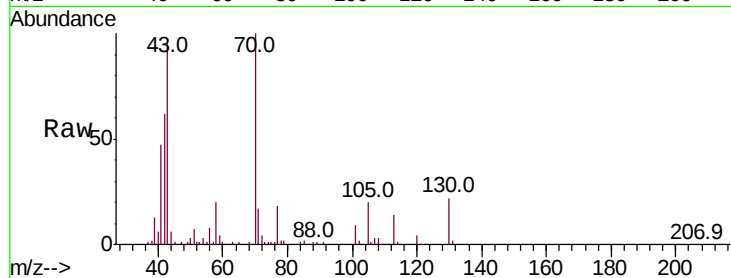




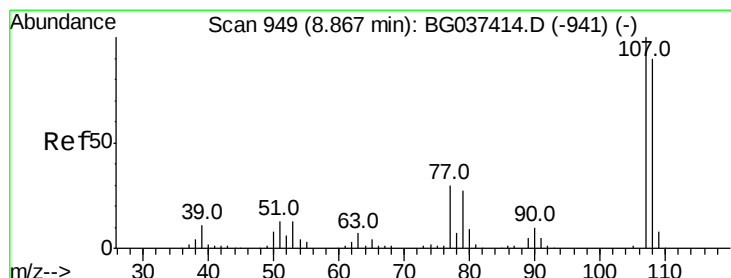
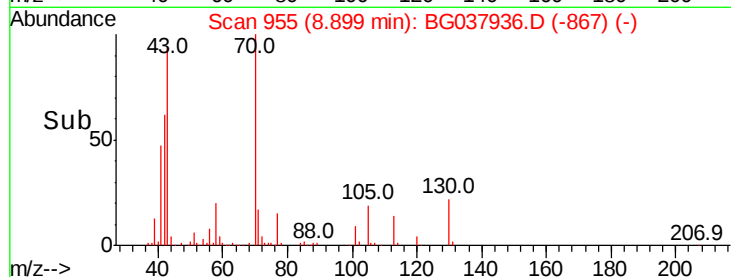
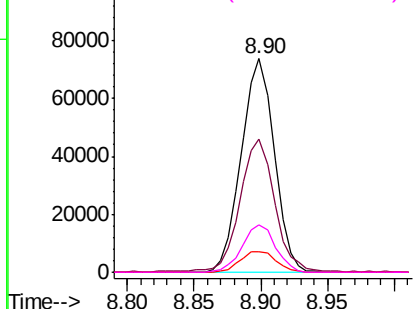
#19
n-Nitroso-di-n-propylamine
Concen: 43.741 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:	70	Resp:	126398
Ion	Ratio	Lower	Upper
70	100		
42	62.2	53.9	80.9
101	9.4	8.2	12.2
130	21.9	18.2	27.4

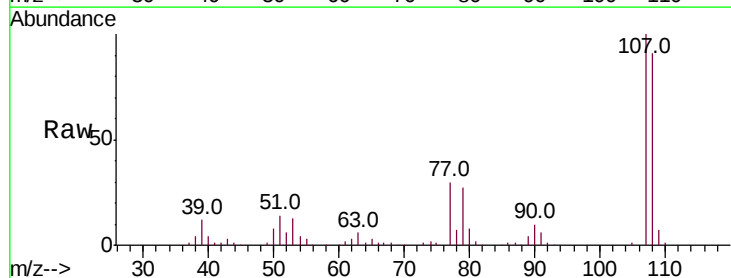


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

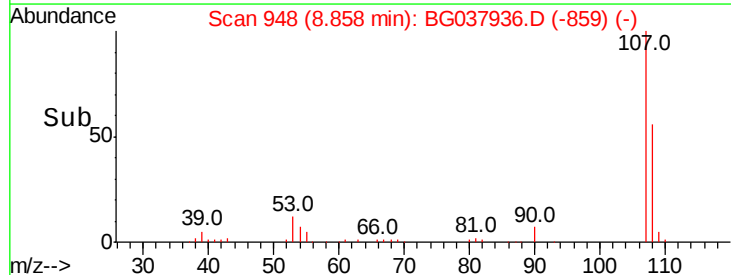
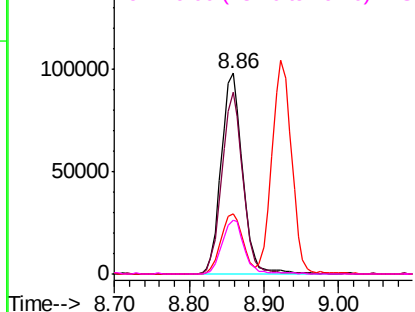


#20
3+4-Methylphenols
Concen: 46.797 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:	107	Resp:	195852
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	29.9	11.2	51.2
79	26.5	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

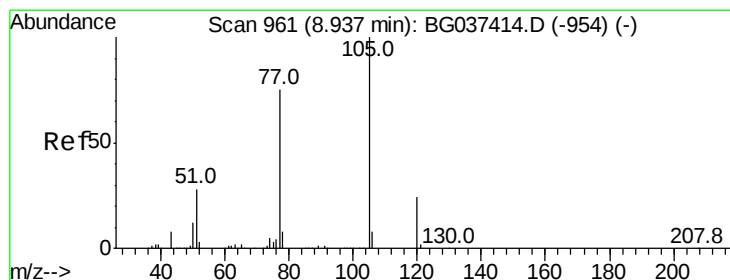
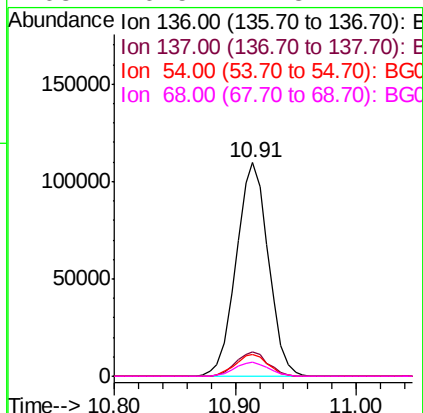
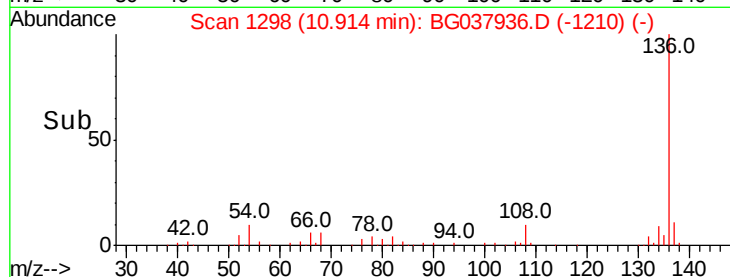
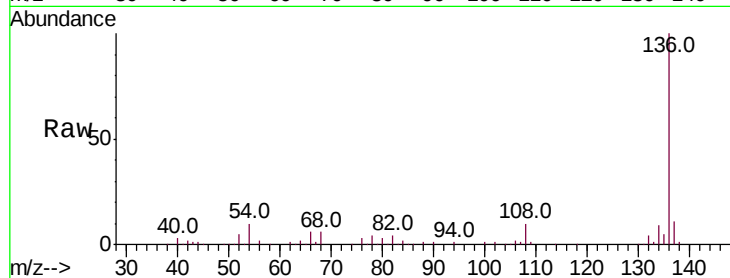




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

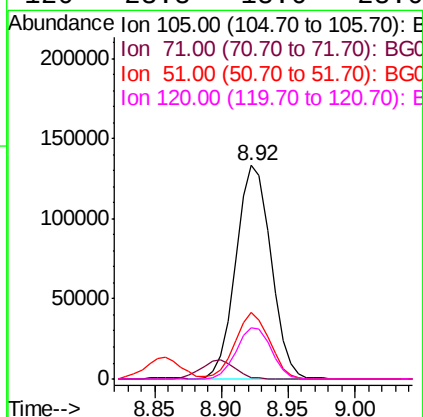
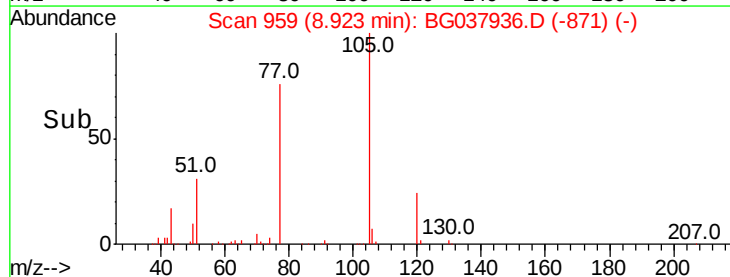
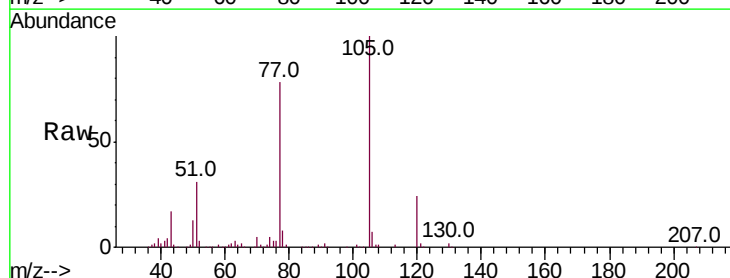
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:	136	Resp:	203029
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.0	7.9	11.9
68	6.5	4.8	7.2



#22
Acetophenone
Concen: 47.520 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:	105	Resp:	241965
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	31.5	25.0	37.6
120	23.8	18.6	28.0

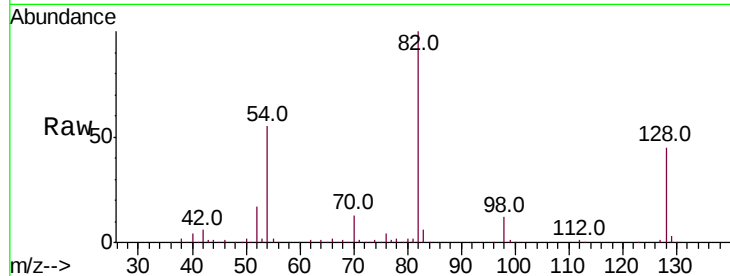




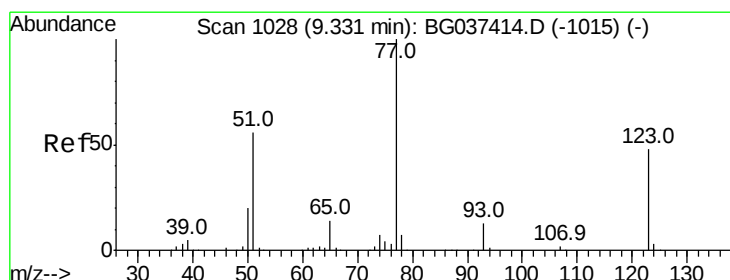
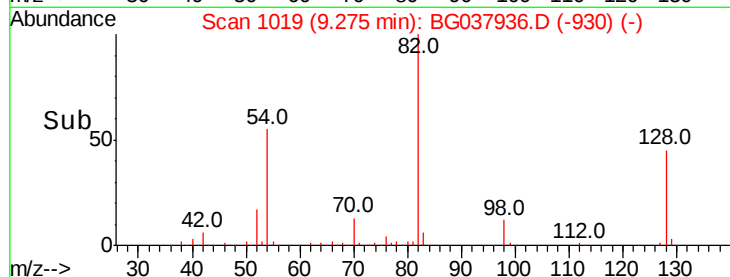
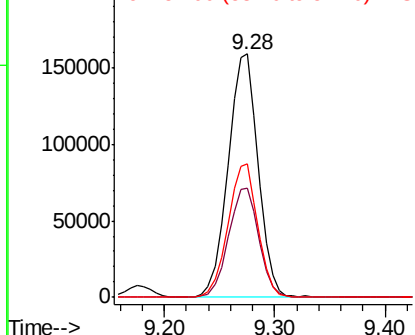
#23
Nitrobenzene-d5
Concen: 83.664 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion: 82 Resp: 303223
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 54.6 45.3 67.9

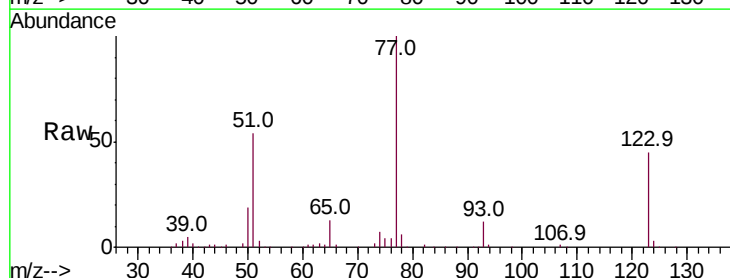


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

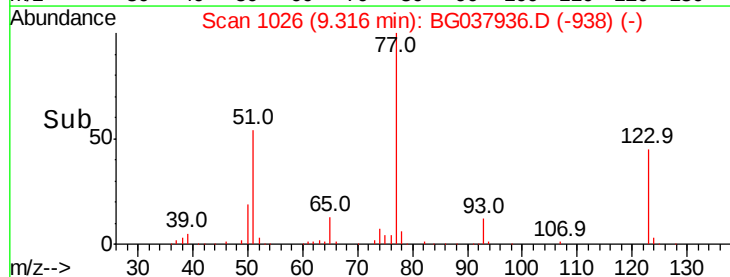
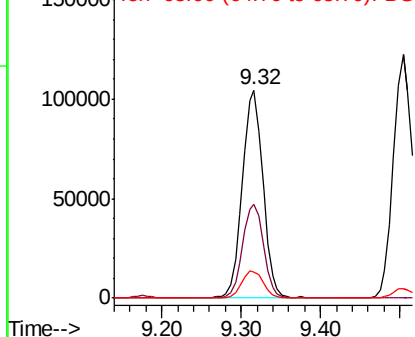


#24
Nitrobenzene
Concen: 50.360 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion: 77 Resp: 189612
Ion Ratio Lower Upper
77 100
123 44.9 33.6 50.4
65 12.6 11.3 16.9



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

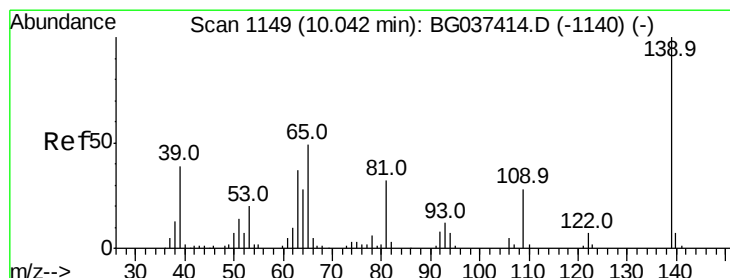
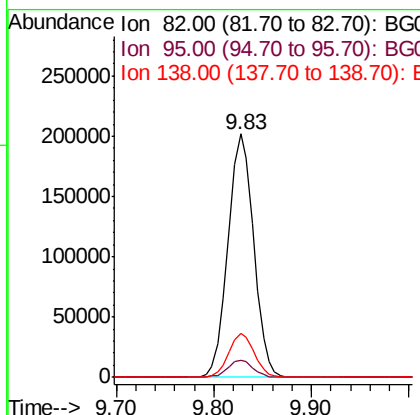
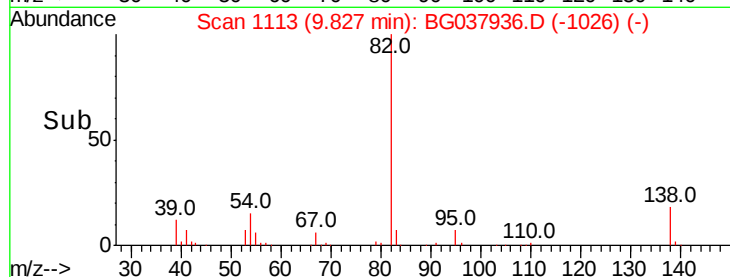
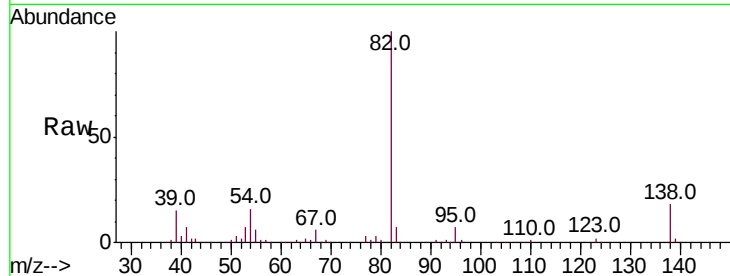




#25
Isophorone
Concen: 55.515 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

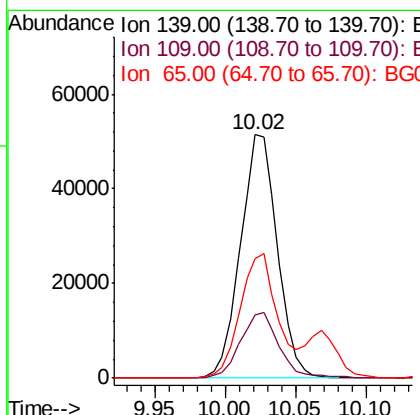
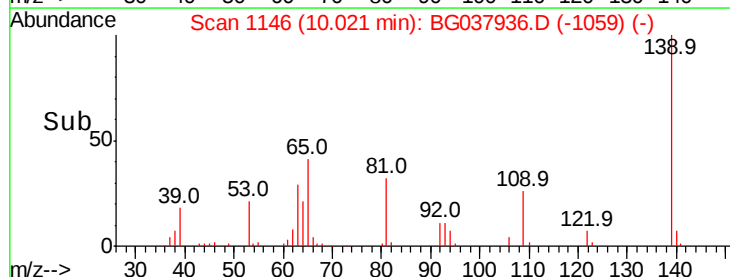
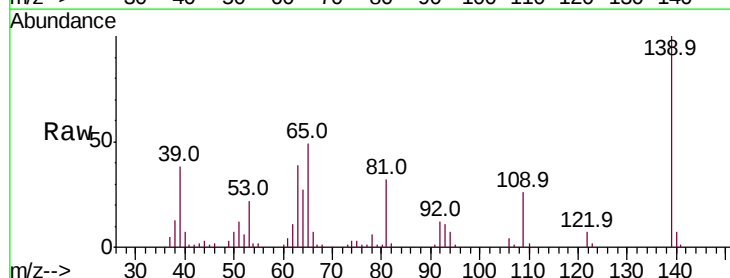
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

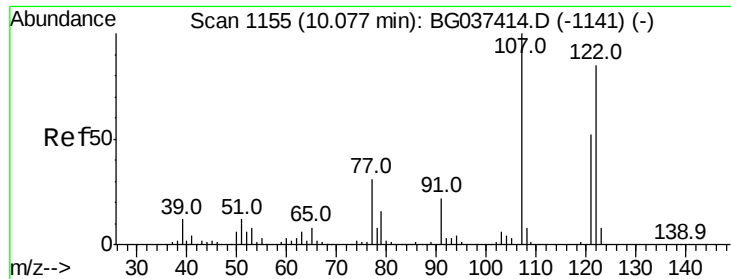
Tot Ion: 82 Resp: 367628
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 18.1 13.3 19.9



#26
2-Nitrophenol
Concen: 55.356 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion: 139 Resp: 93892
Ion Ratio Lower Upper
139 100
109 26.2 23.3 34.9
65 49.2 39.8 59.8

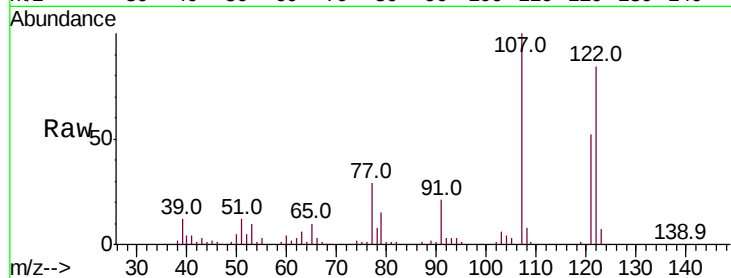




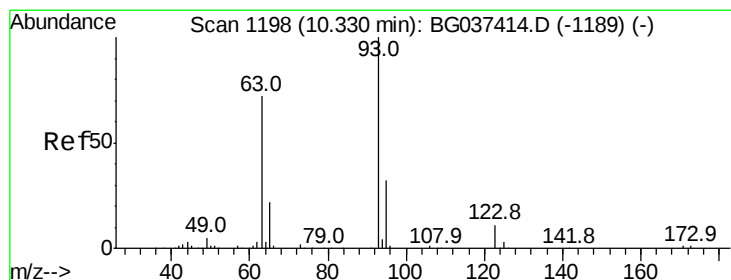
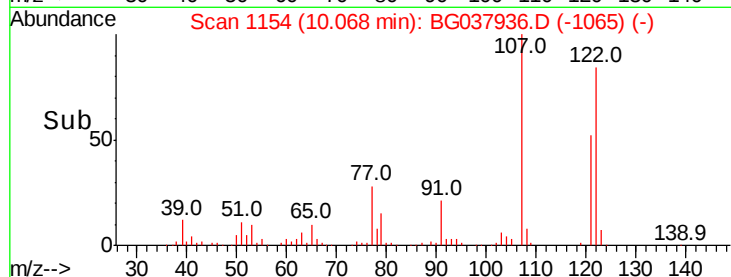
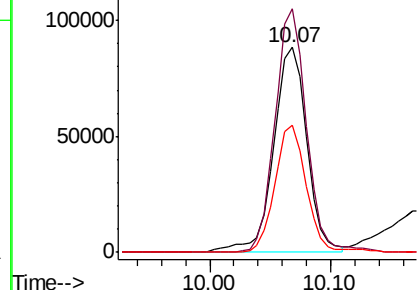
#27
2,4-Dimethylphenol
Concen: 55.534 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:122 Resp: 168180
Ion Ratio Lower Upper
122 100
107 119.0 94.2 141.2
121 62.3 47.3 70.9

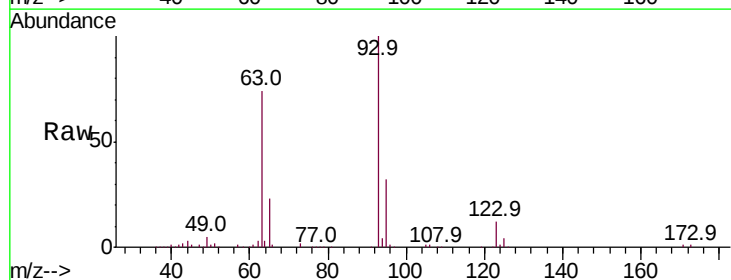


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

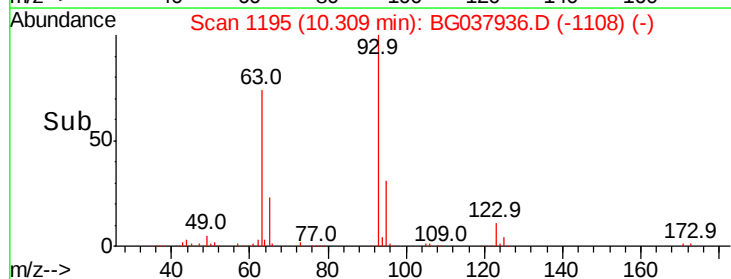
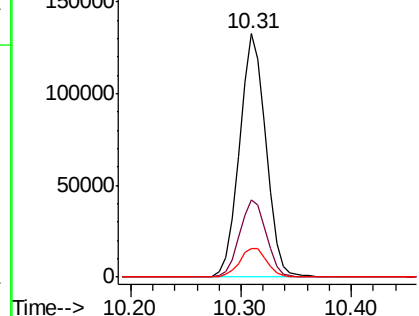


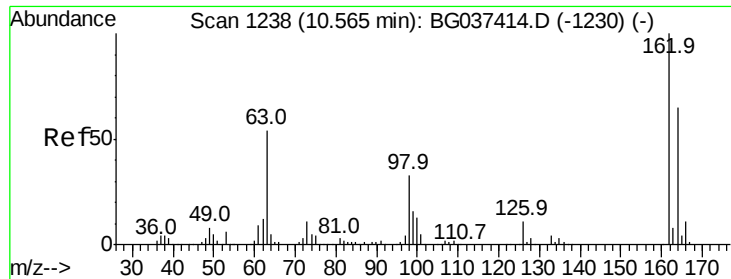
#28
bis(2-Chloroethoxy)methane
Concen: 51.172 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion: 93 Resp: 222022
Ion Ratio Lower Upper
93 100
95 31.8 24.6 37.0
123 11.5 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

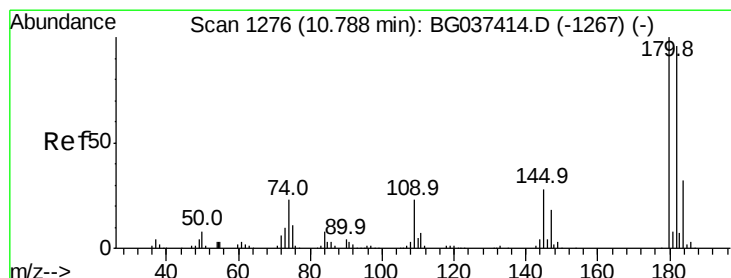
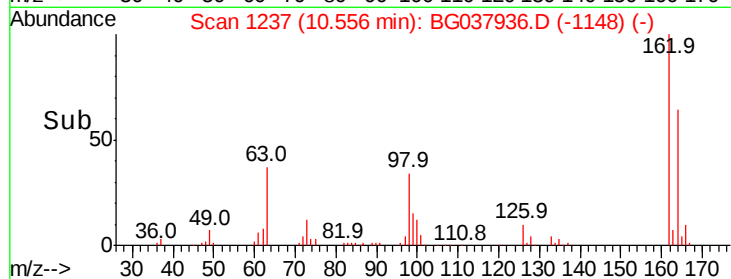
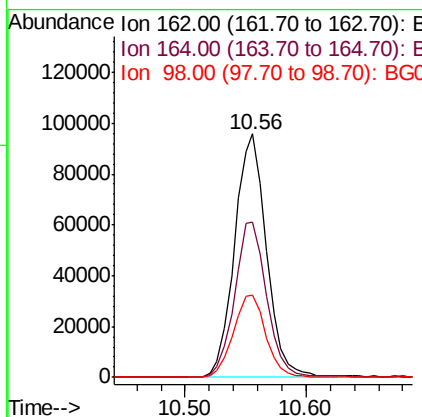
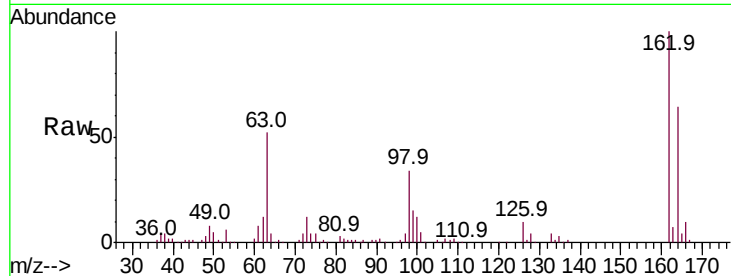




#29
 2,4-Dichlorophenol
 Concen: 52.262 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

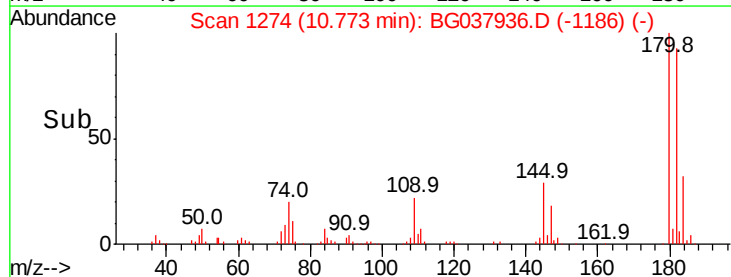
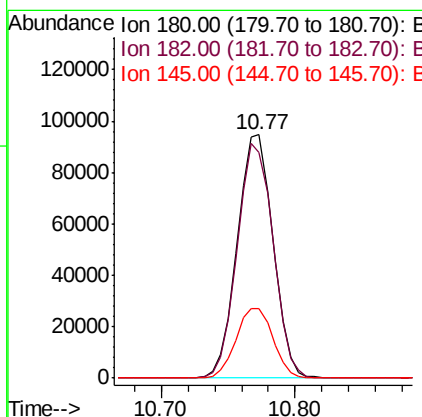
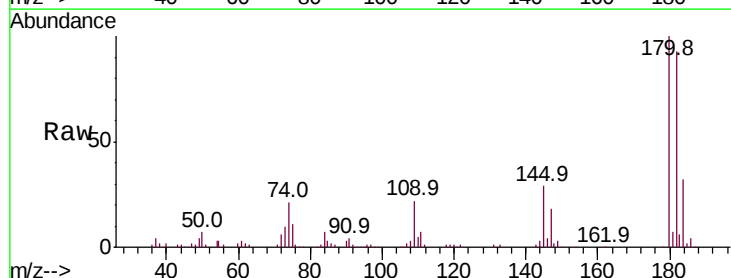
Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

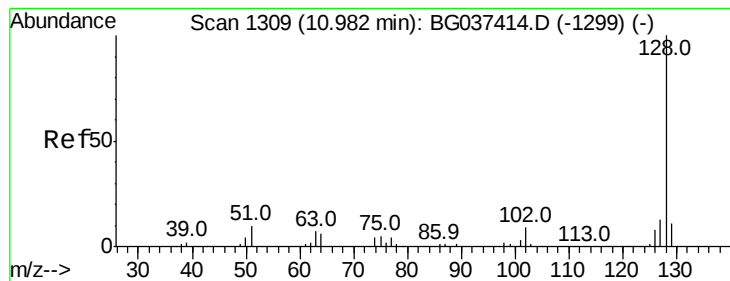
Tot Ion:162 Resp: 176220
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.2 83.2
 98 33.8 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.981 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion:180 Resp: 175937
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.7 116.5
 145 28.5 23.3 34.9





#31

Naphthalene

Concen: 53.014 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

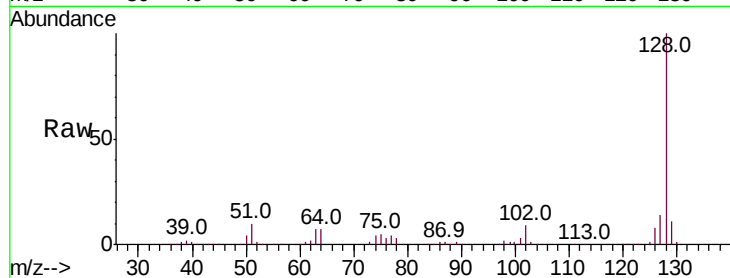
Tot Ion:128 Resp: 528671

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

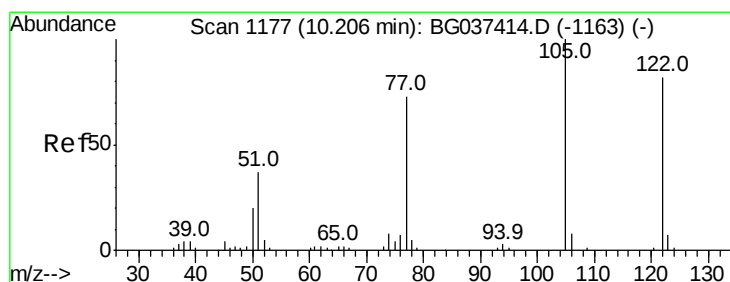
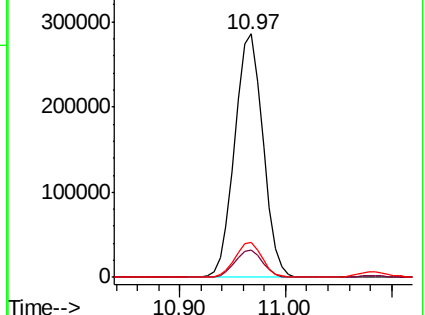
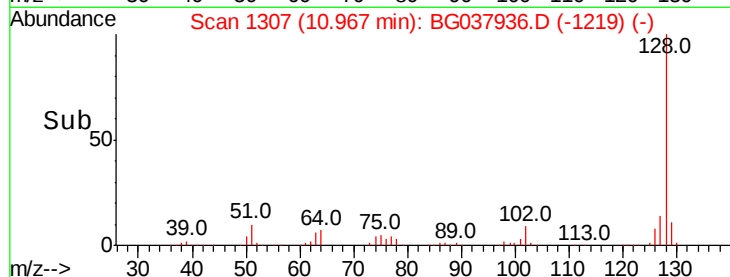
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.483 ng

RT: 10.18 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

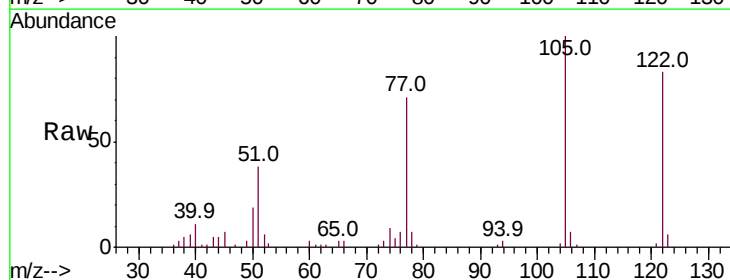
Tgt Ion:122 Resp: 57993

Ion Ratio Lower Upper

122 100

105 120.3 106.7 146.7

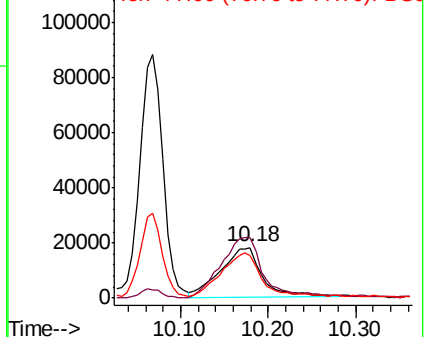
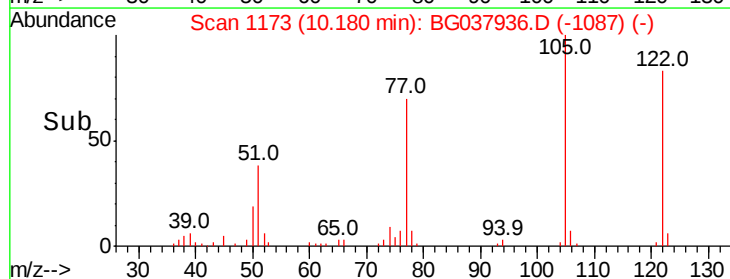
77 85.4 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

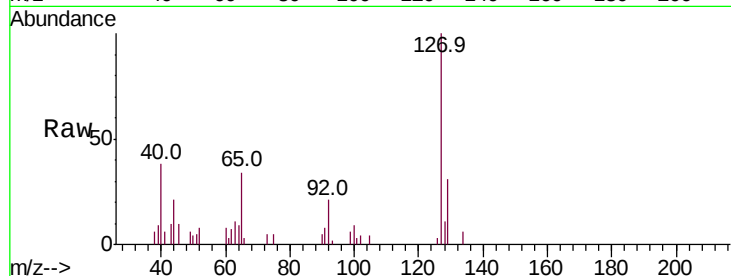




#33
4-Chloroaniline
Concen: 3.061 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:	127	Resp:	14341
Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.1	40.7
65	33.7	26.6	39.8
92	20.7	16.4	24.6



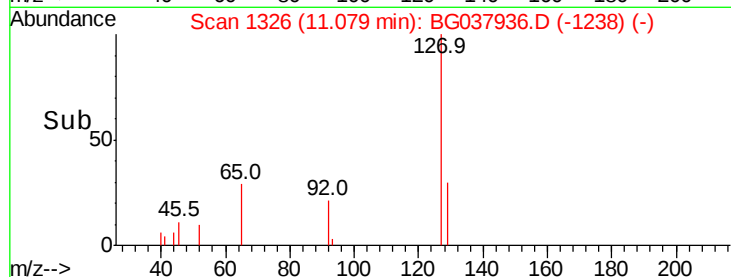
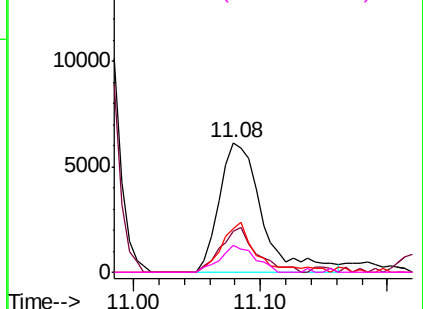
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

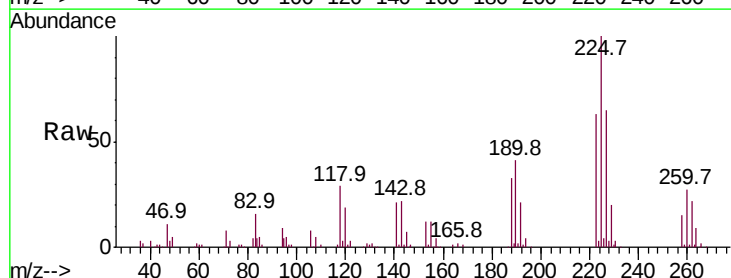
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 48.898 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:	225	Resp:	106267
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.2	72.4
227	64.8	51.6	77.4

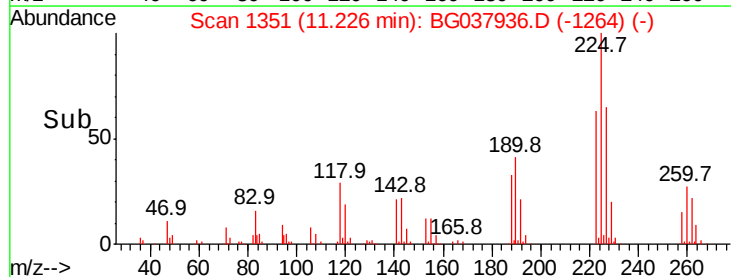
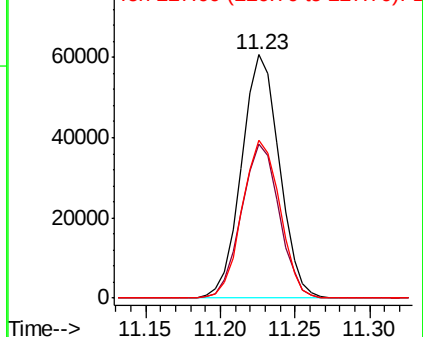


Abundance

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: 35.166 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

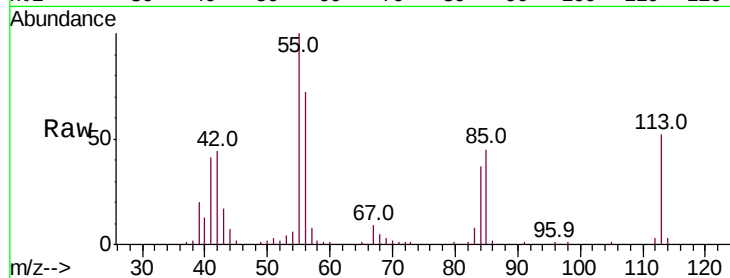
Tot Ion:113 Resp: 47556

Ion Ratio Lower Upper

113 100

55 193.2 176.6 216.6

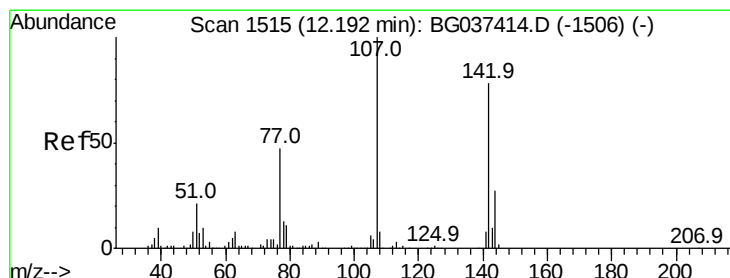
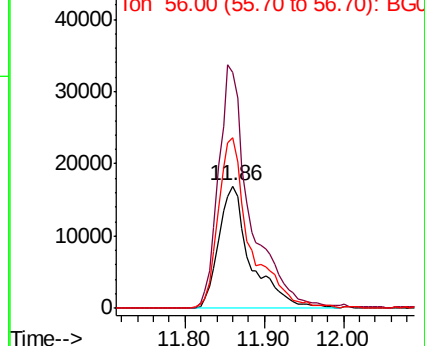
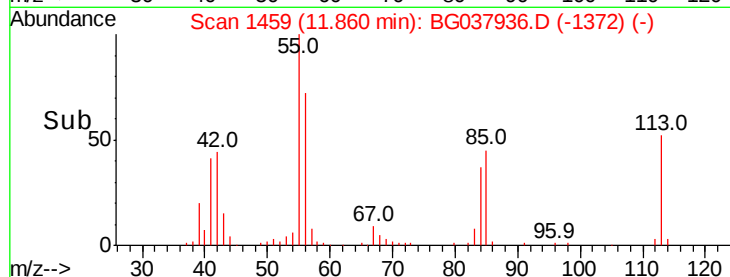
56 139.7 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 51.010 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

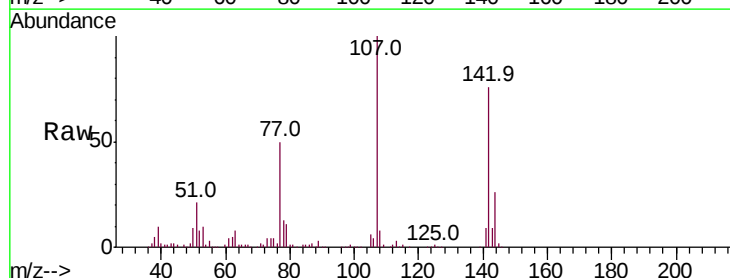
Tgt Ion:107 Resp: 193974

Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

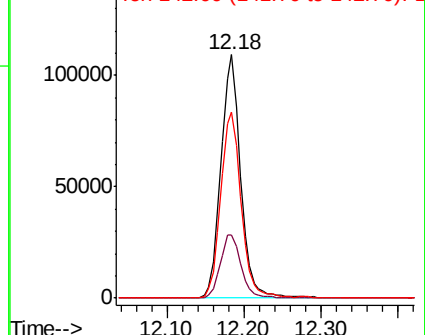
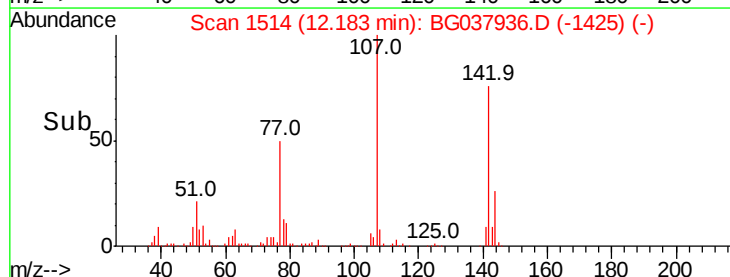
142 76.4 64.4 96.6

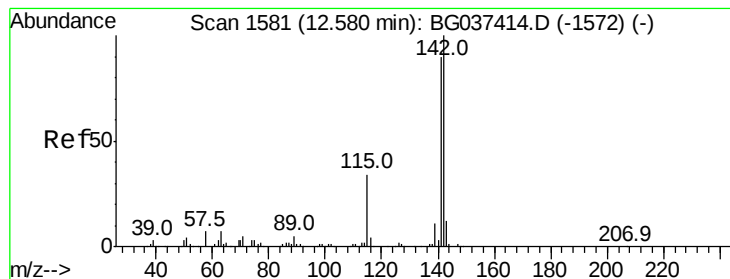


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.873 ng

RT: 12.56 min Scan# 1578

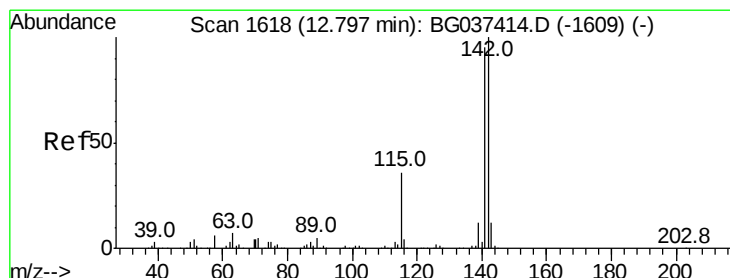
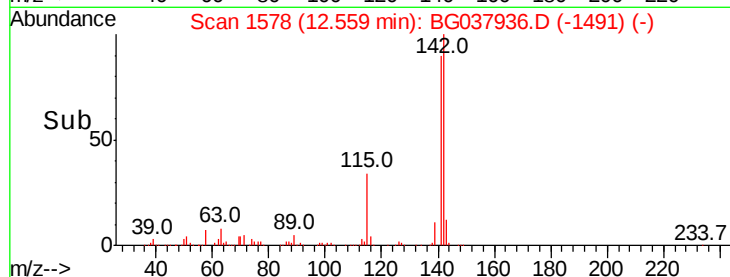
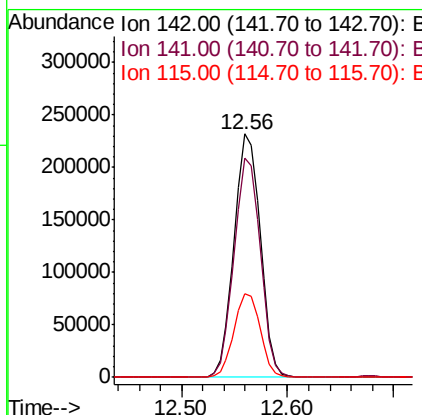
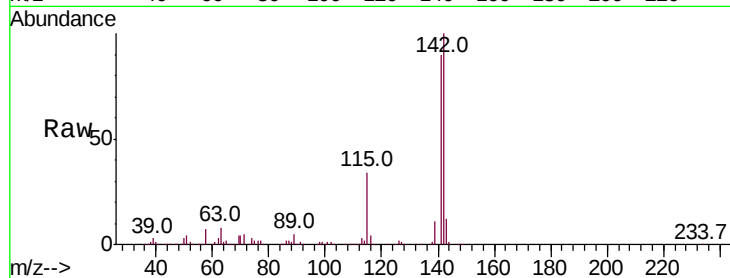
Delta R.T. -0.02 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	34.1	27.8	41.8



#38

1-Methylnaphthalene

Concen: 53.614 ng

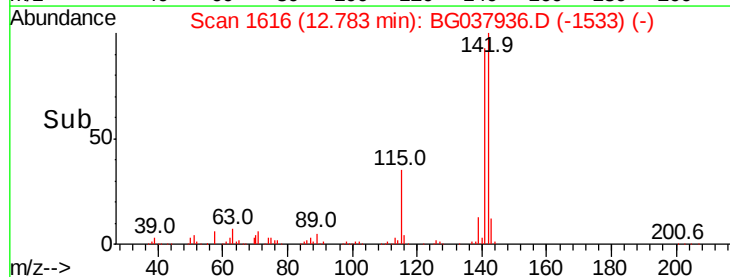
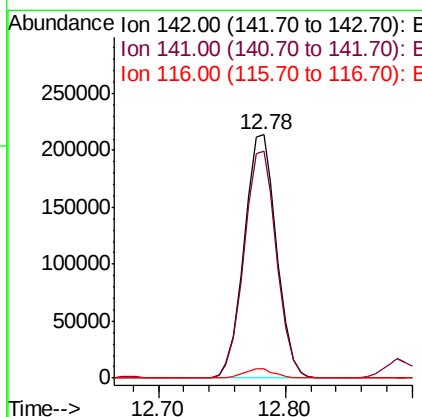
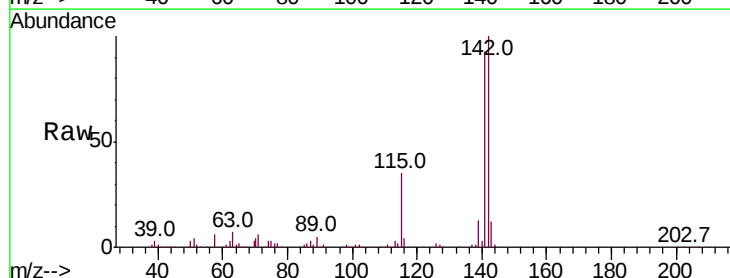
RT: 12.78 min Scan# 1616

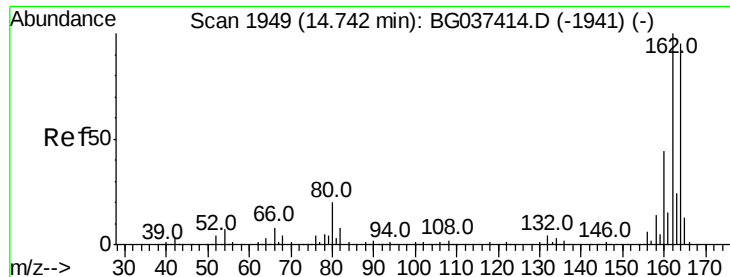
Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampled :

RT-3263MSD

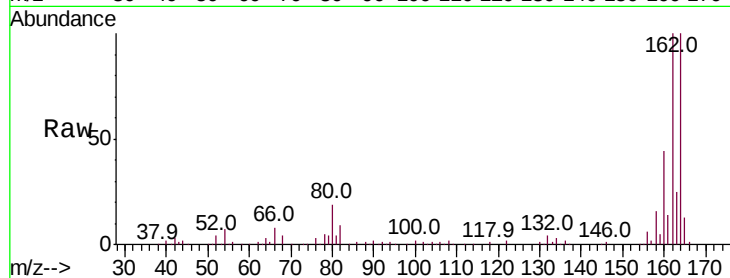
Tot Ion:164 Resp: 134554

Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

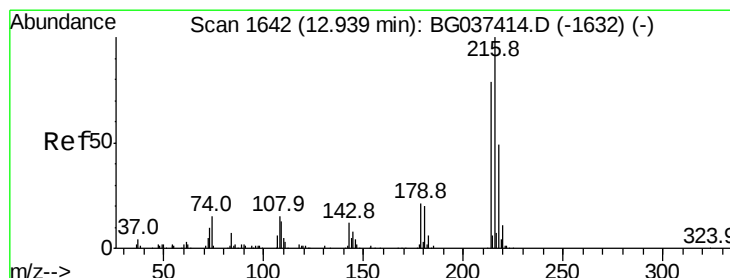
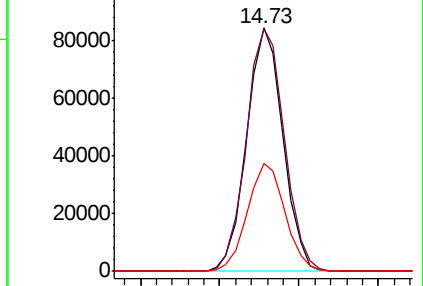
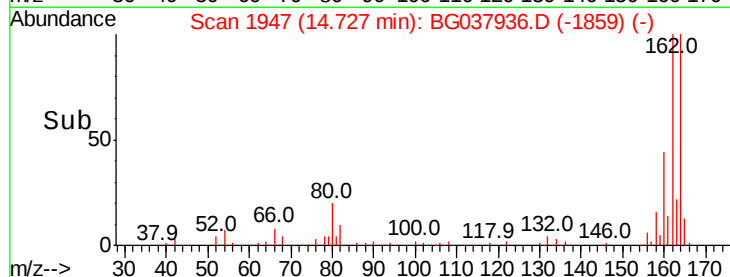
160 44.1 36.3 54.5



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: 48.990 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Tgt Ion:216 Resp: 212620

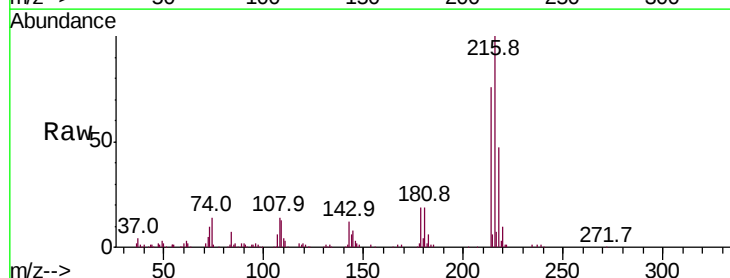
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.8 17.4 26.0

108 17.9 13.9 20.9

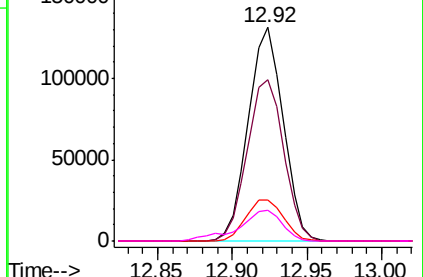
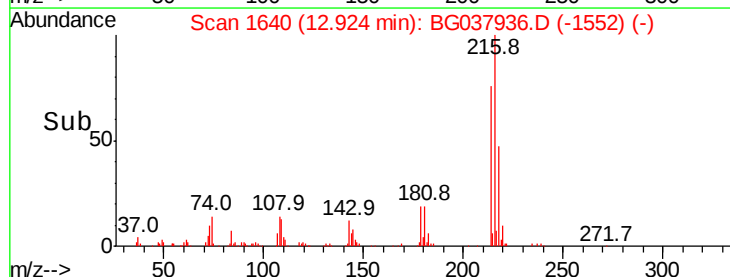


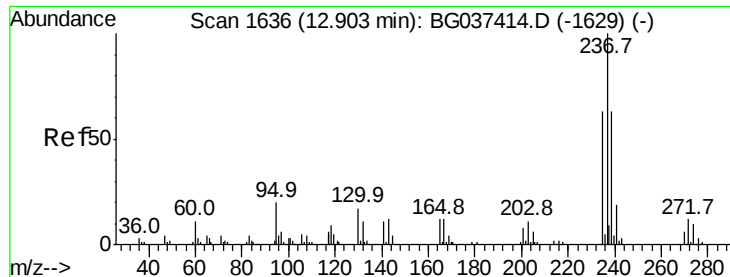
Abundance Ion 216.00 (215.70 to 216.70): E

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

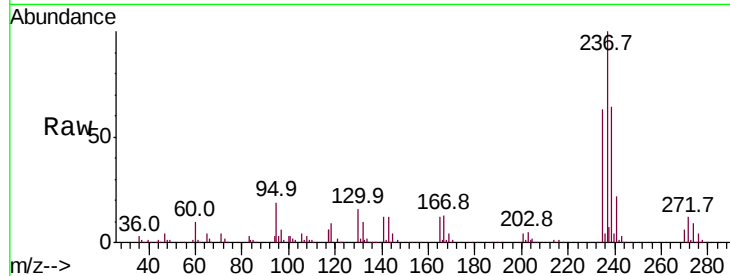




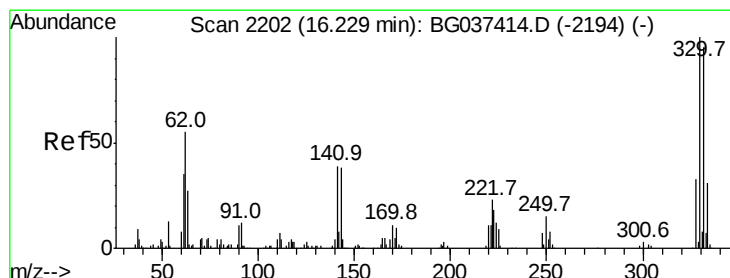
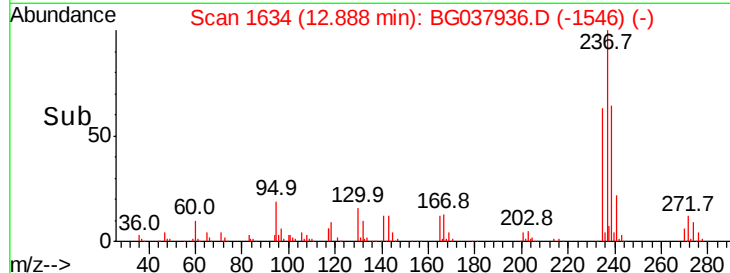
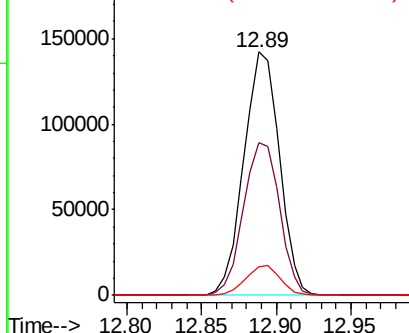
#41
Hexachlorocyclopentadiene
Concen: 113.302 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.5	82.5
272	12.0	0.0	31.6

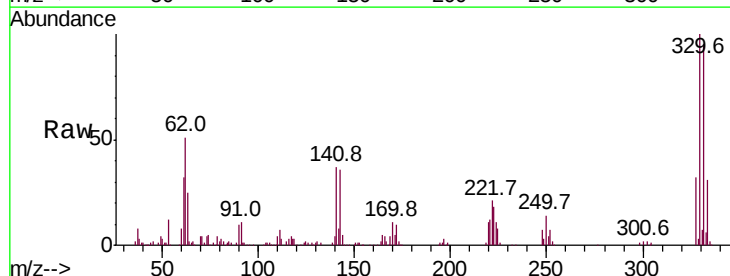


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

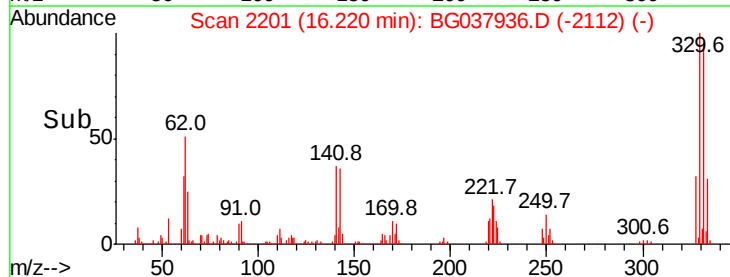
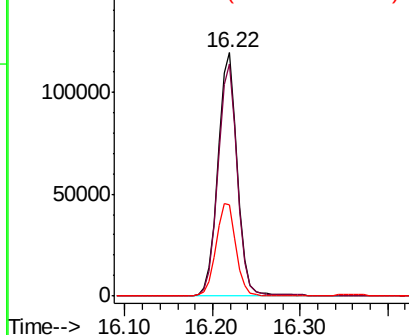


#42
2,4,6-Tribromophenol
Concen: 125.237 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.0	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

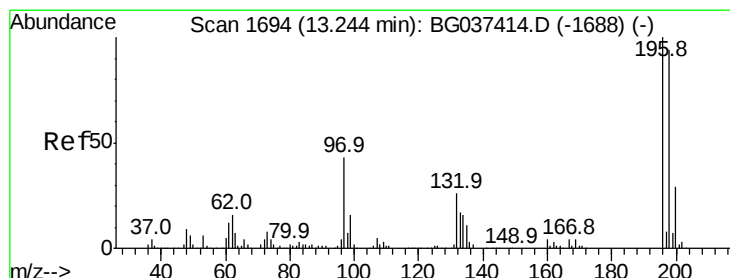
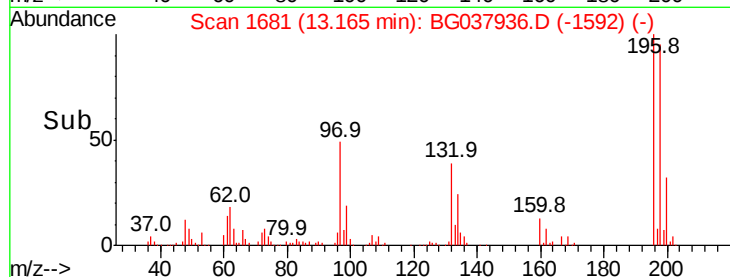
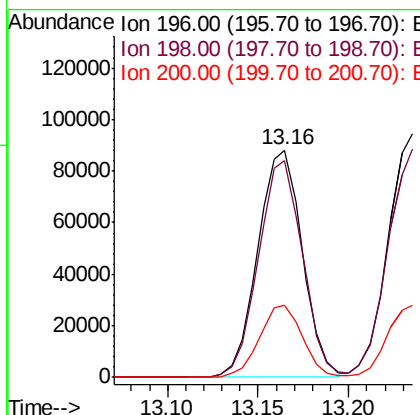
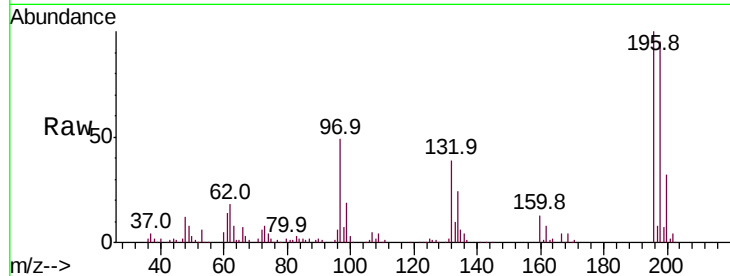




#43
 2,4,6-Trichlorophenol
 Concen: 51.737 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

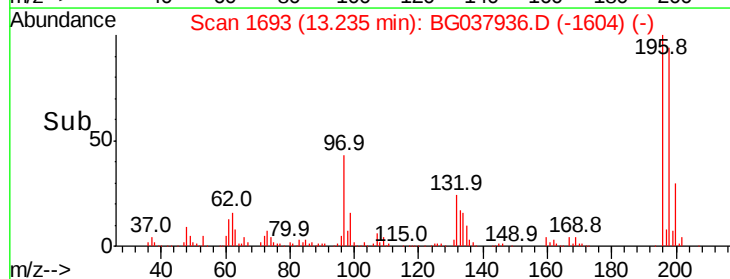
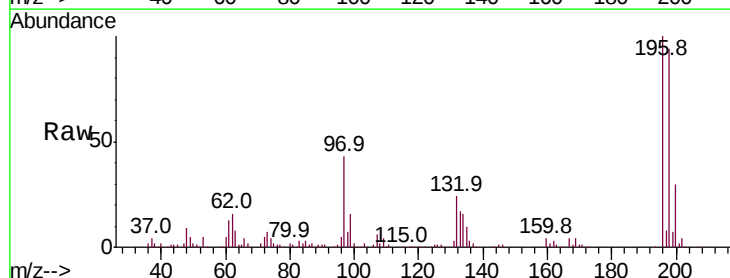
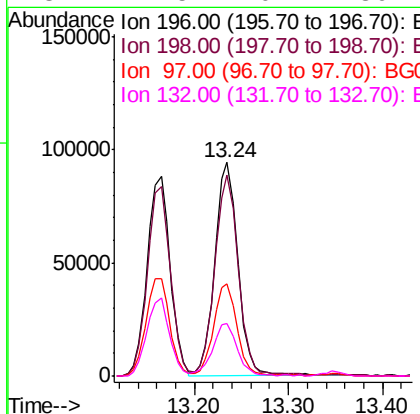
Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Tot Ion	196	Resp	150013
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.4	114.6
200	31.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.568 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	196	Resp	162798
Ion Ratio	Lower	Upper	
196	100		
198	93.8	74.2	111.2
97	43.2	34.1	51.1
132	24.5	20.2	30.4

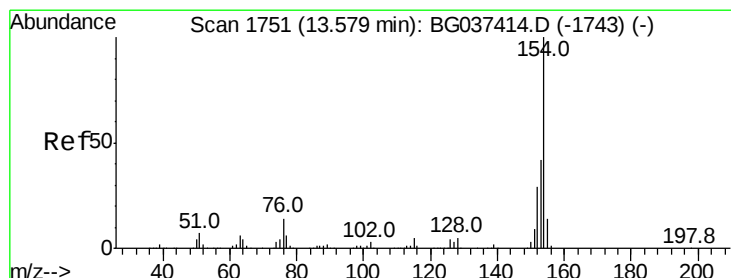
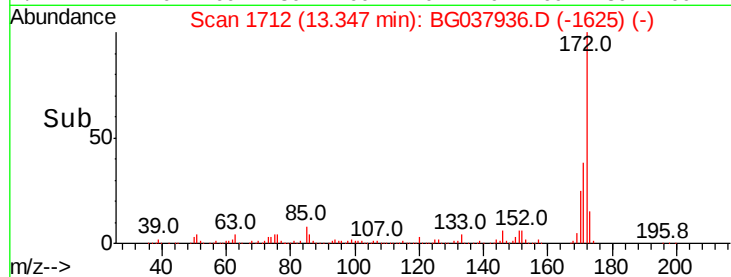
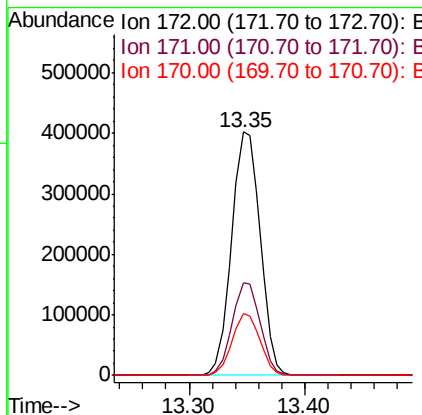
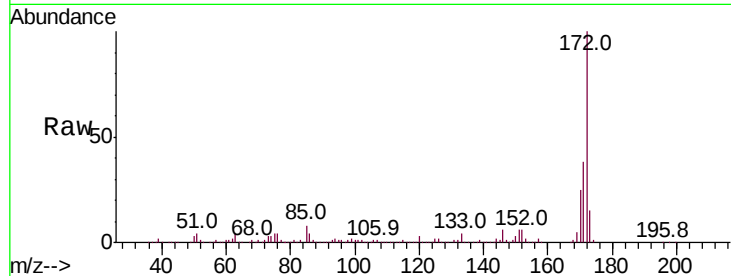




#45
2-Fluorobiphenyl
Concen: 77.075 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

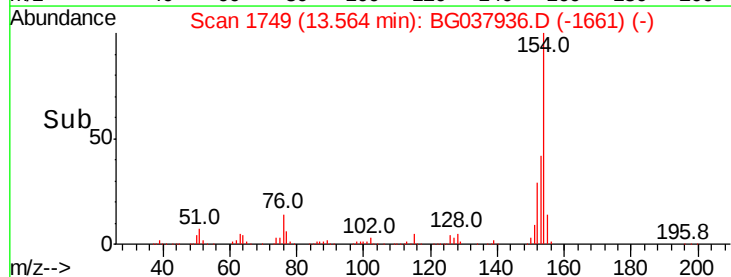
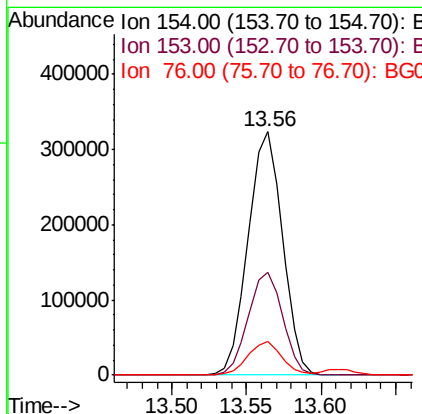
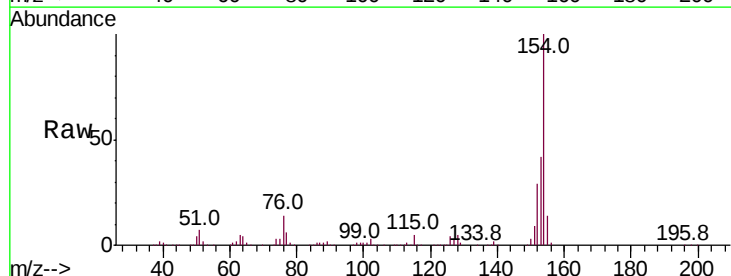
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

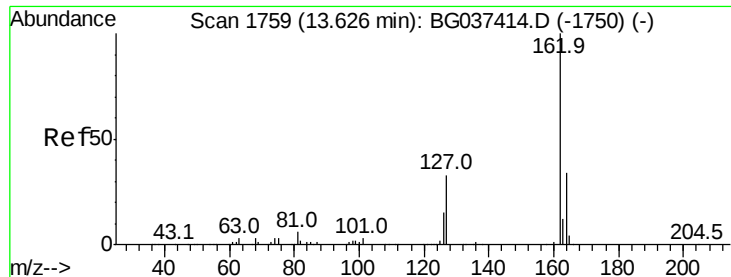
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 46.294 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	13.7	0.0	33.2

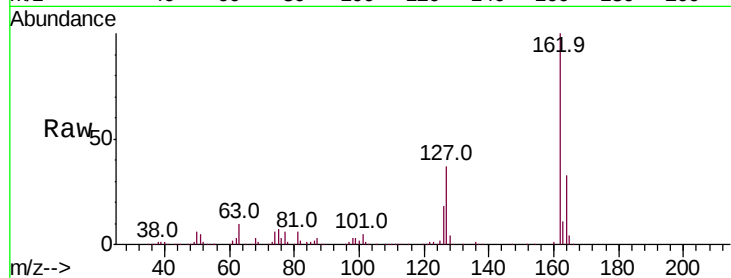




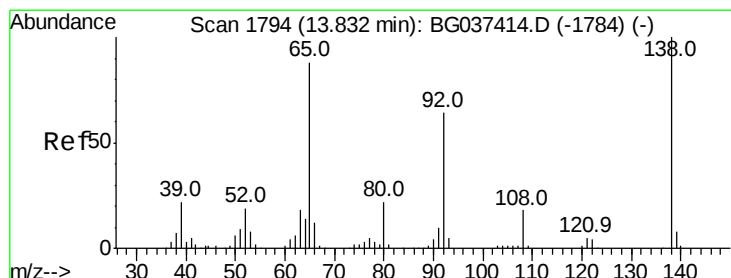
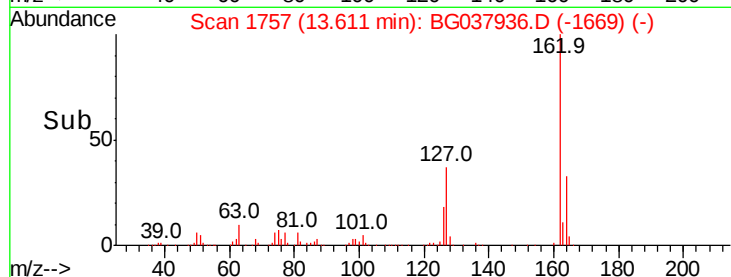
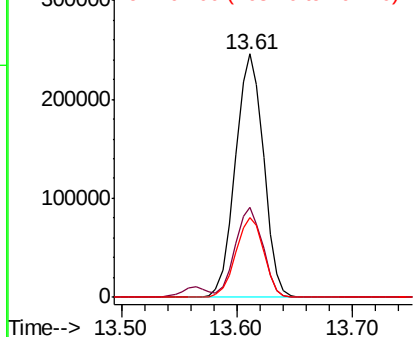
#47
2-Chloronaphthalene
Concen: 49.023 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.5	45.7
164	33.0	26.4	39.6

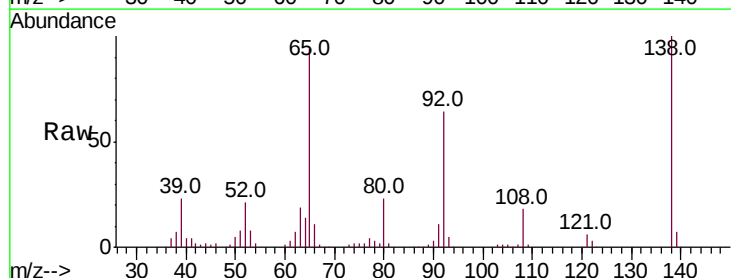


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

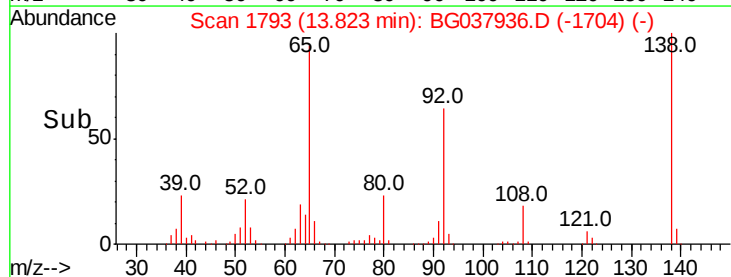
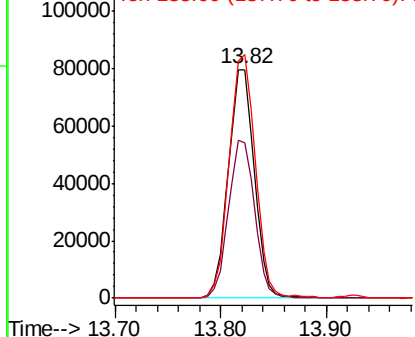


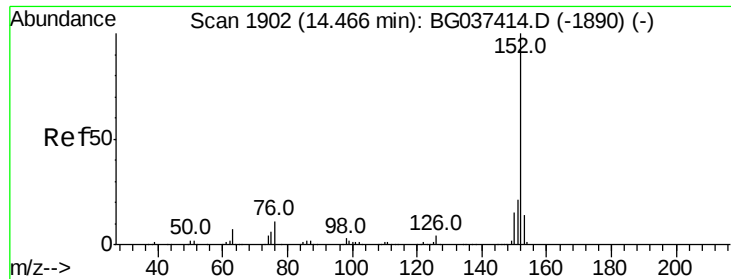
#48
2-Nitroaniline
Concen: 53.334 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.2	79.8
138	106.4	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.404 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

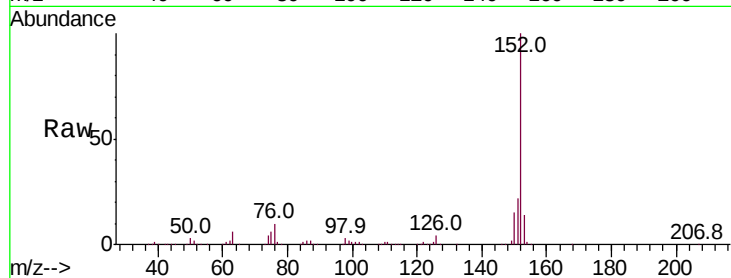
Tot Ion:152 Resp: 677251

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

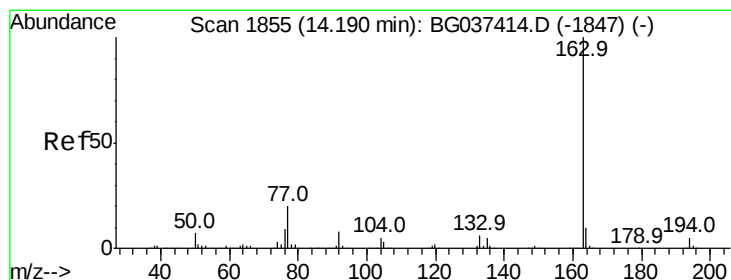
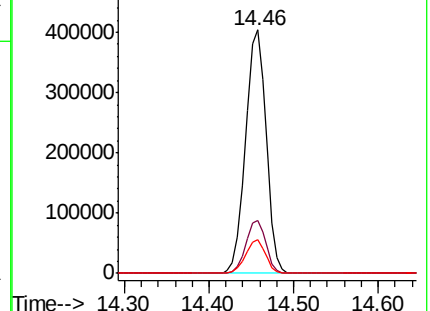
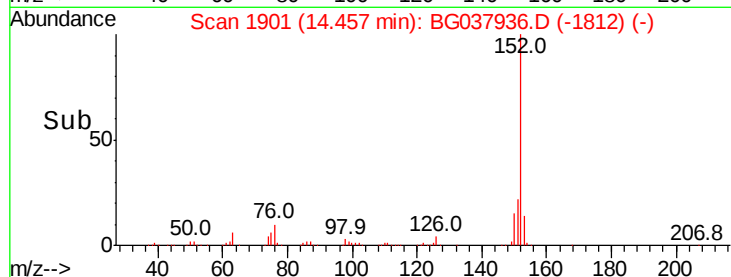
153 13.9 11.1 16.7



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: 50.692 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

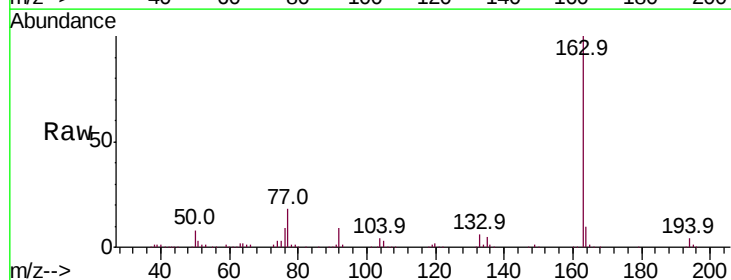
Tgt Ion:163 Resp: 527666

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

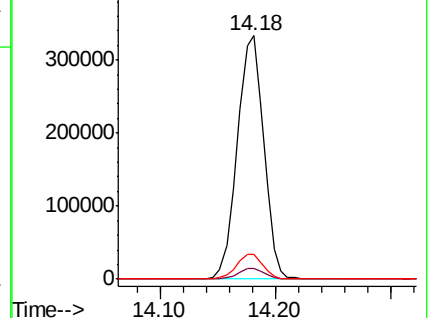
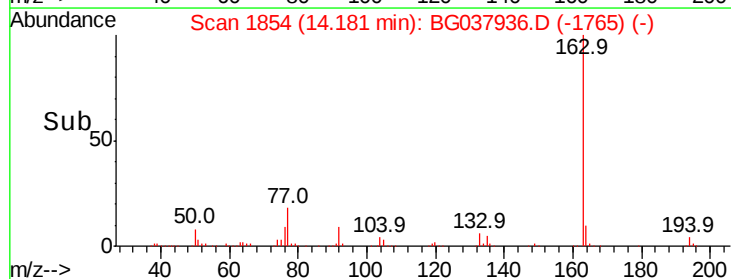
164 10.4 8.5 12.7

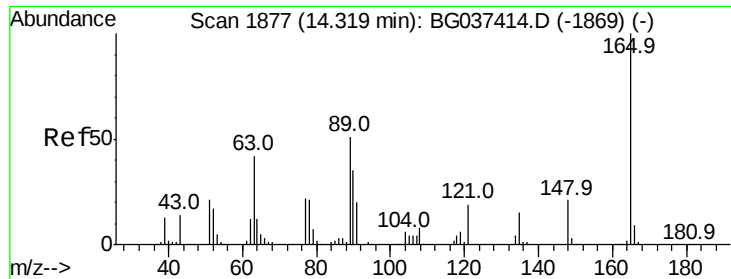


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

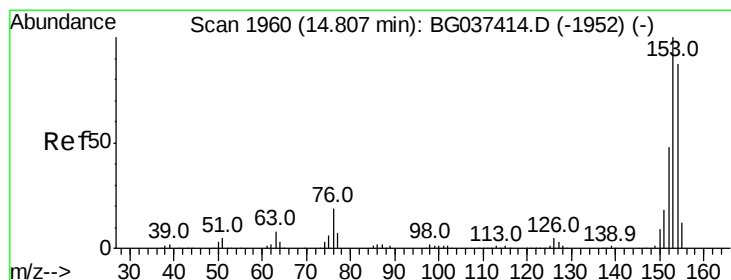
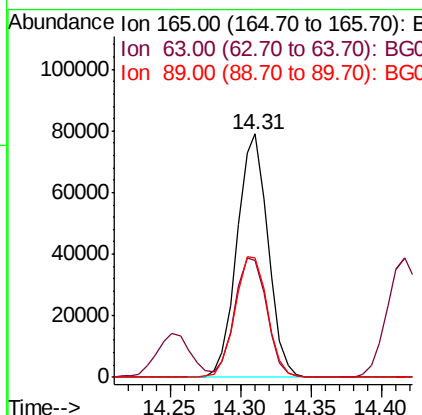
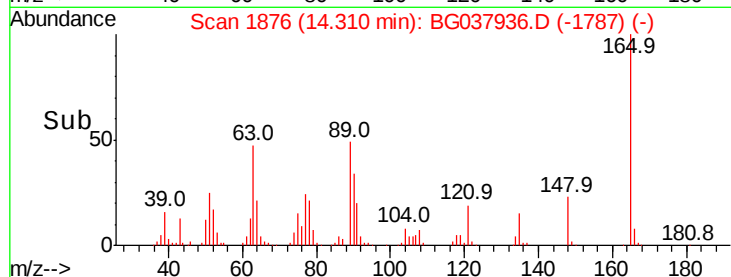
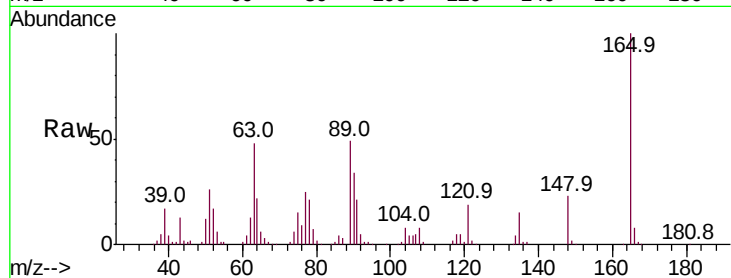




#51
 2,6-Dinitrotoluene
 Concen: 52.561 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

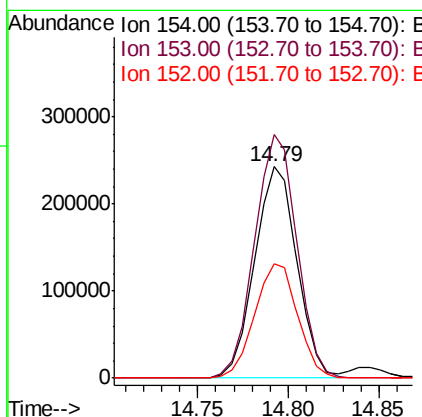
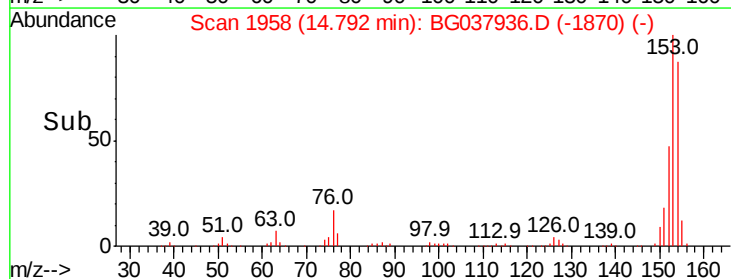
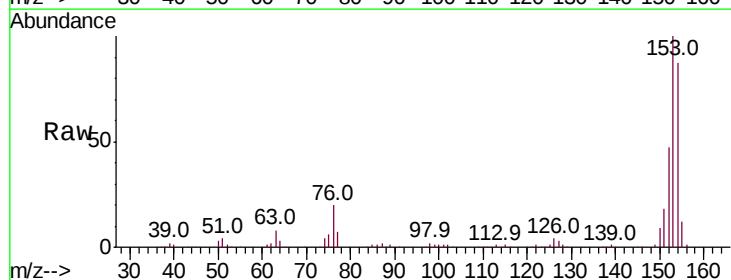
Instrument :
 BNA_G
 ClientSampleID :
 RT-3263MSD

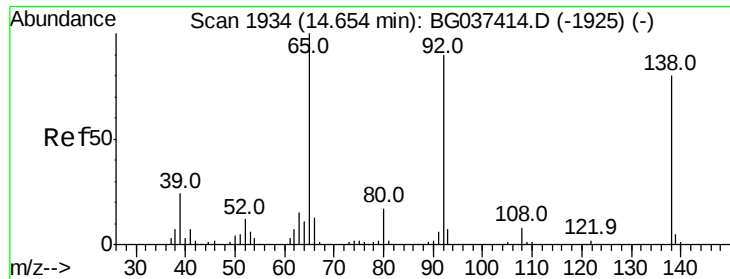
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	43.4	65.2
89	49.2	45.8	68.6



#52
 Acenaphthene
 Concen: 50.805 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	93.4	140.0
152	54.0	44.7	67.1





#53

3-Nitroaniline

Concen: 13.162 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

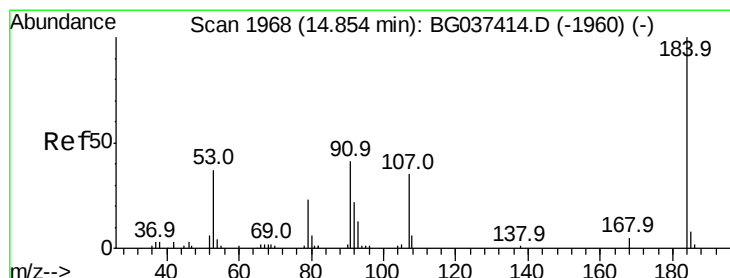
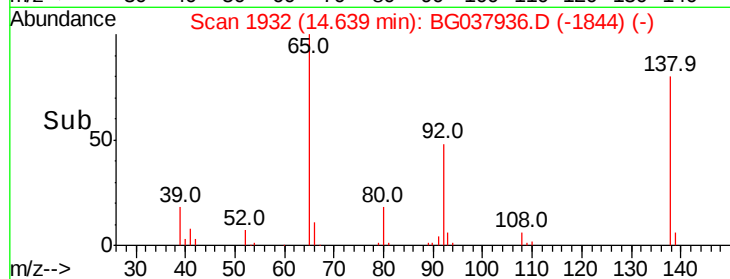
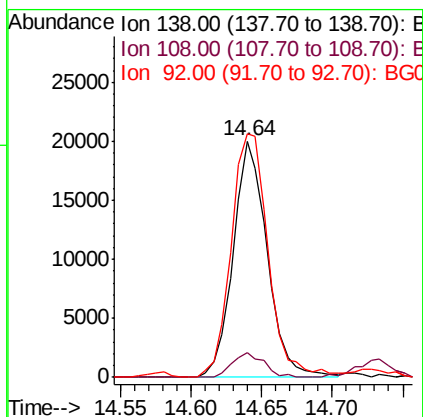
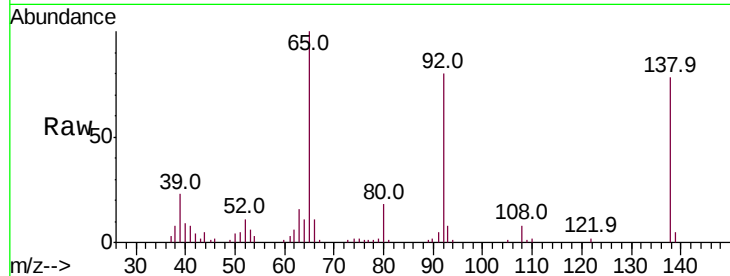
Tot Ion:138 Resp: 33648

Ion Ratio Lower Upper

138 100

108 10.3 11.0 16.6#

92 103.1 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 49.941 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

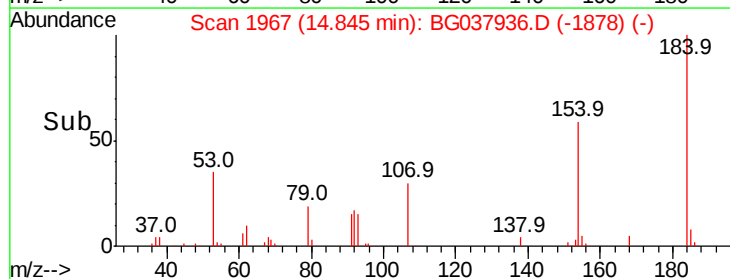
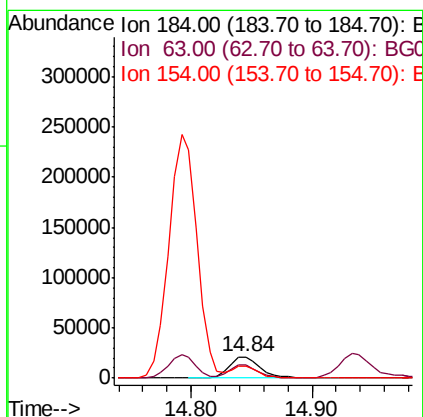
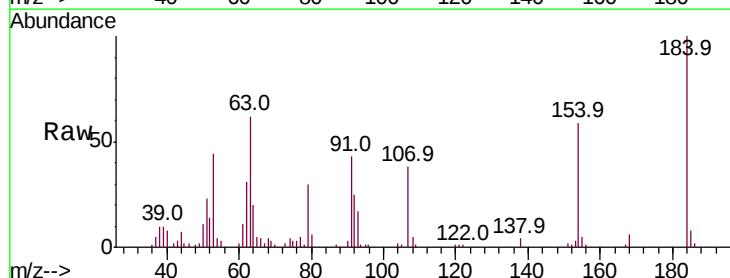
Tgt Ion:184 Resp: 37975

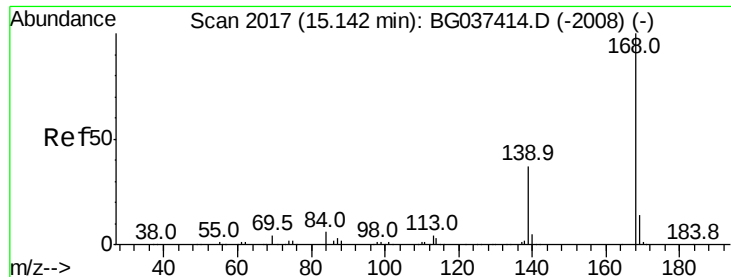
Ion Ratio Lower Upper

184 100

63 62.4 42.6 63.8

154 59.0 41.8 62.6

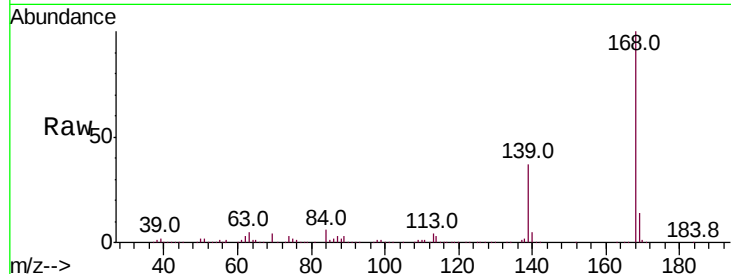




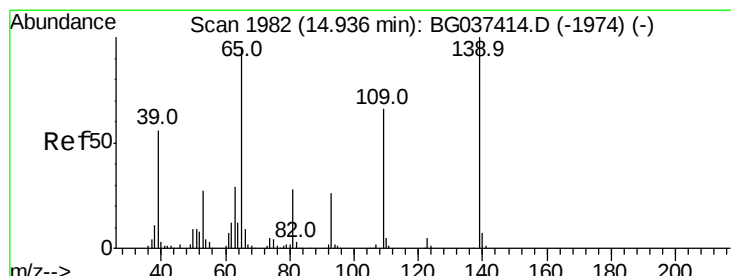
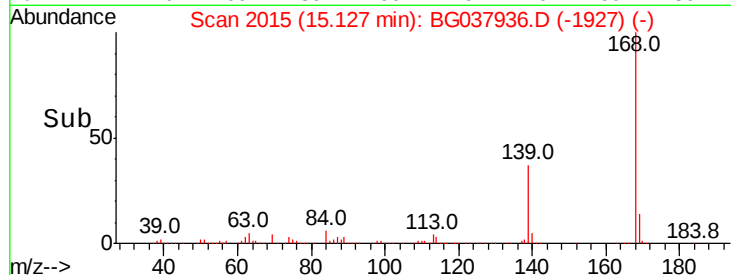
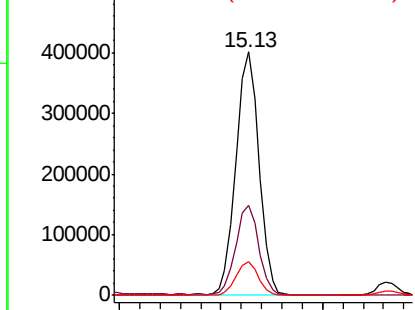
#55
Dibenzenofuran
Concen: 49.191 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	13.7	11.0	16.6

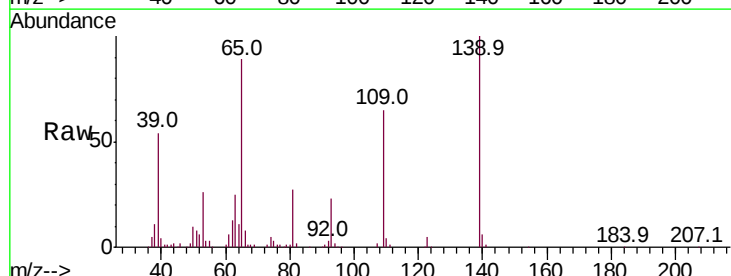


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

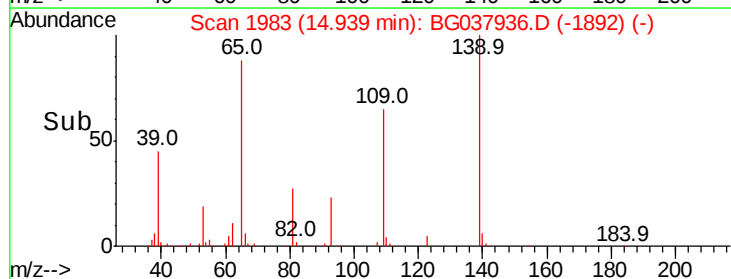
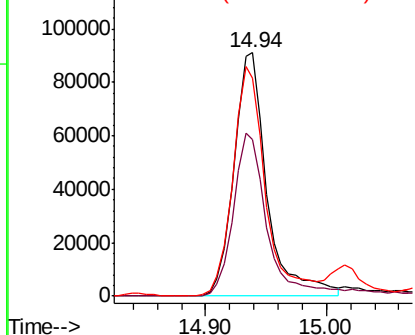


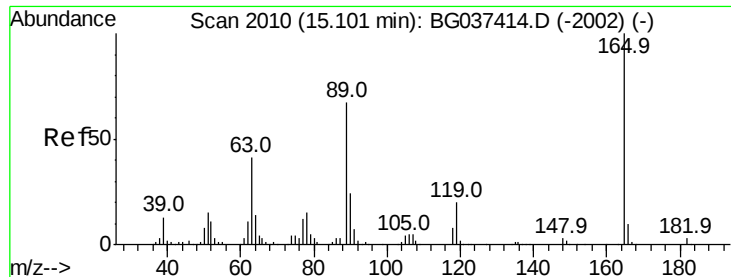
#56
4-Nitrophenol
Concen: 91.802 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	49.5	89.5
65	89.5	76.8	116.8



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

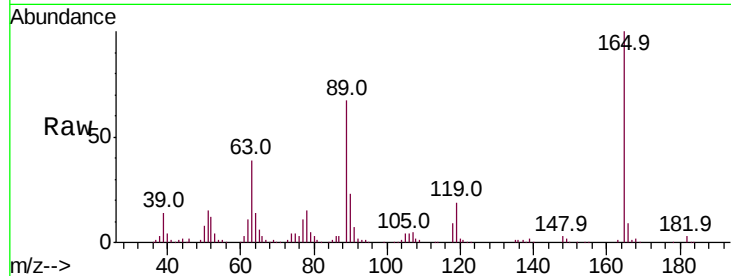




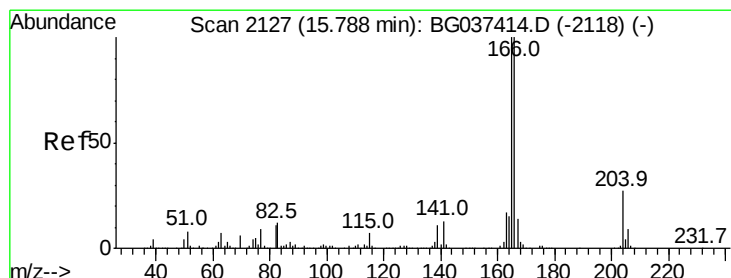
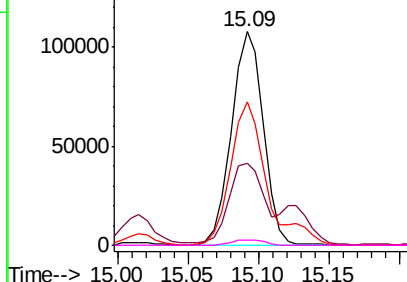
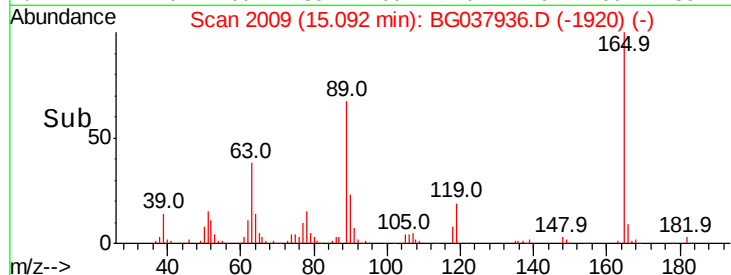
#57
2,4-Dinitrotoluene
Concen: 56.044 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:165 Resp: 169408
Ion Ratio Lower Upper
165 100
63 38.6 33.4 50.0
89 67.1 57.2 85.8
182 2.7 2.6 4.0

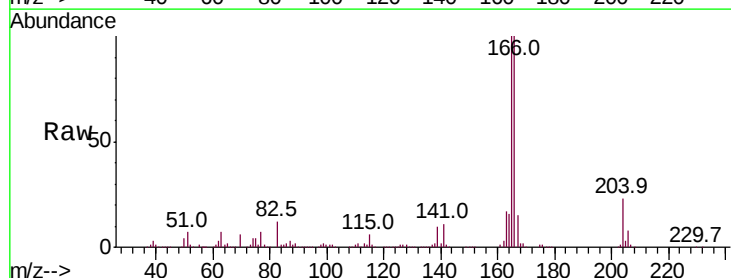


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

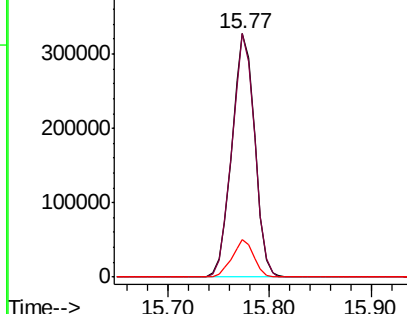
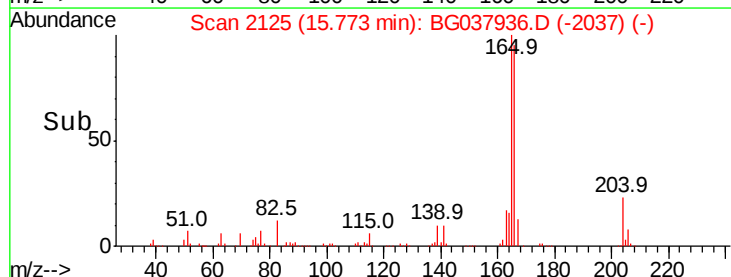


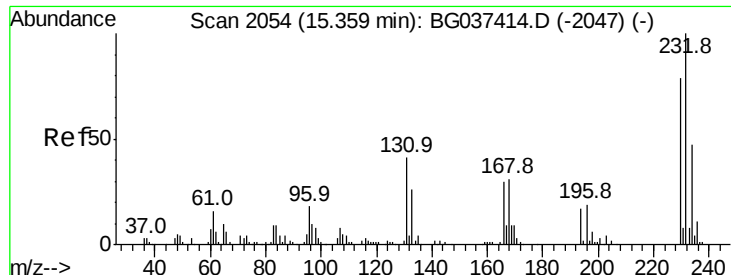
#58
Fluorene
Concen: 52.785 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:166 Resp: 511501
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 15.3 11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.277 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

Tot Ion:232 Resp: 138601

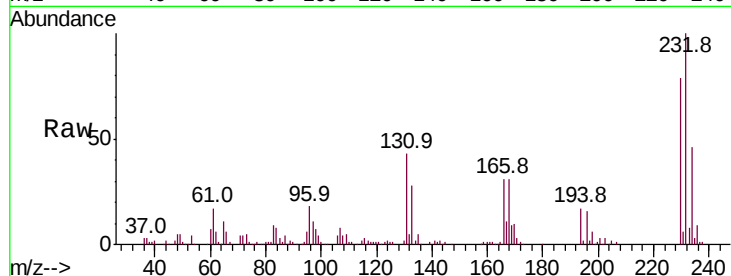
Ion Ratio Lower Upper

232 100

131 41.4 33.7 50.5

130 2.2 2.1 3.1

166 29.6 24.6 36.8

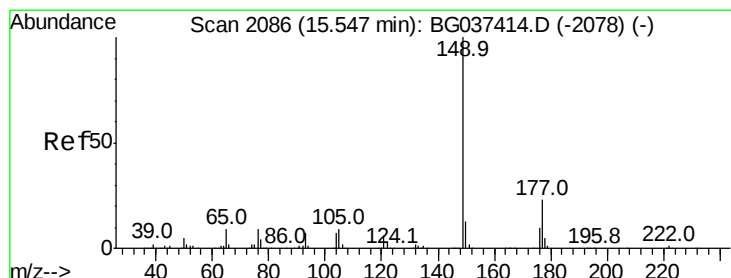
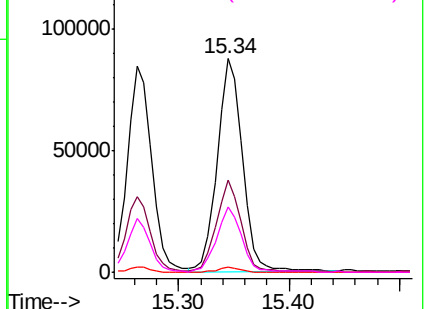
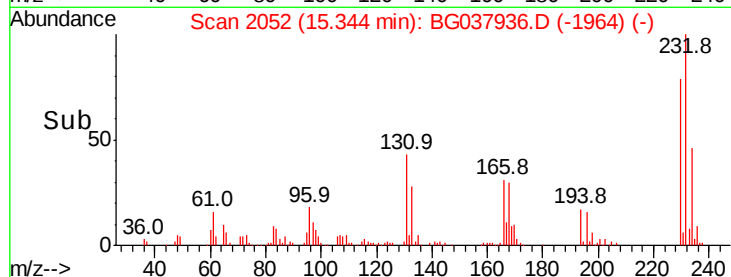


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 50.808 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

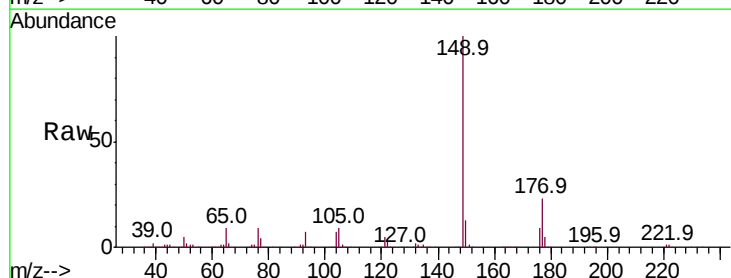
Tgt Ion:149 Resp: 542971

Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

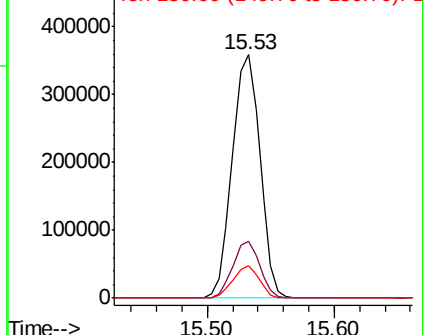
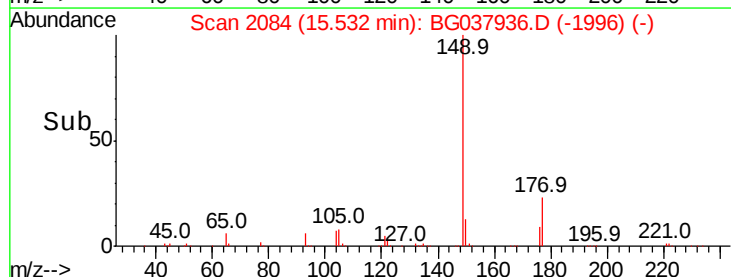
150 13.2 10.0 15.0

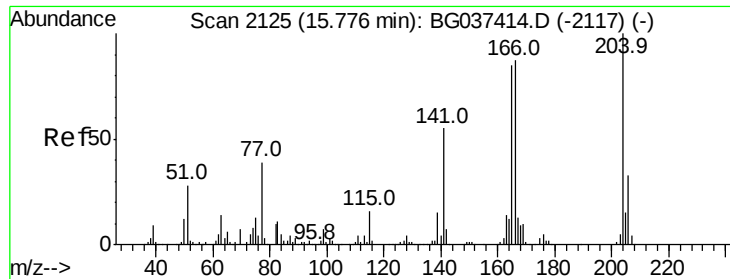


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

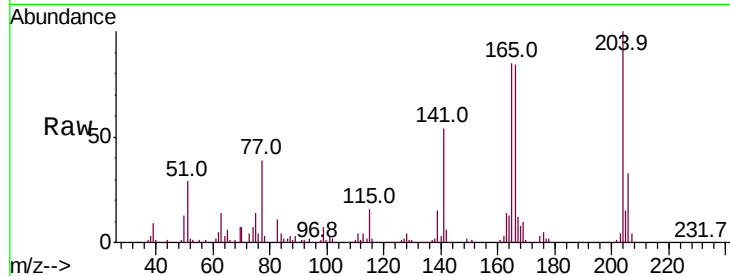




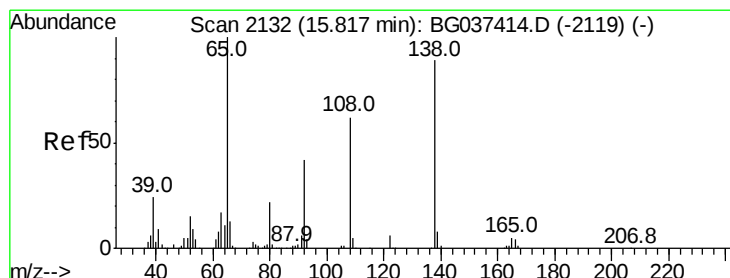
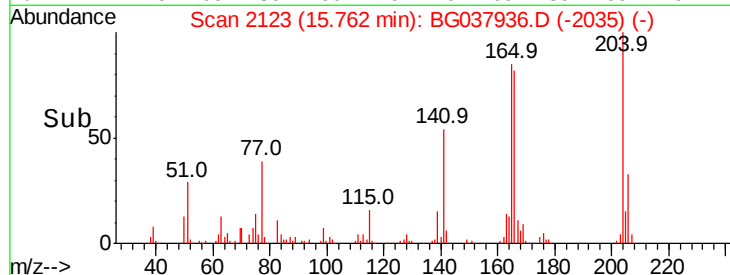
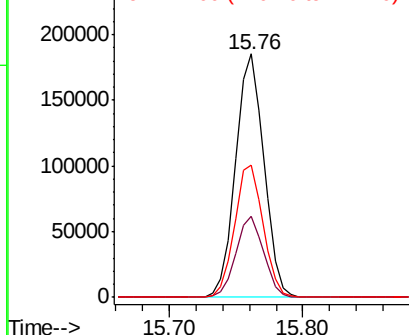
#61
4-Chlorophenyl-phenylether
Concen: 48.244 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion:204 Resp: 272491
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 54.3 45.4 68.2

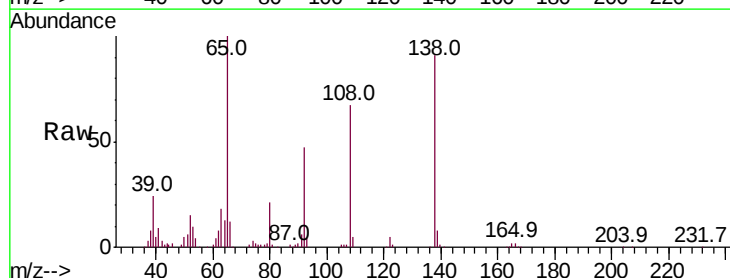


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

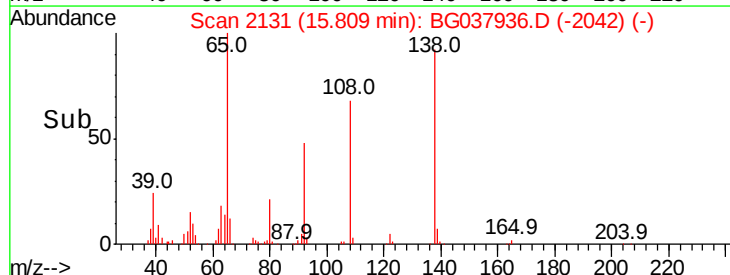
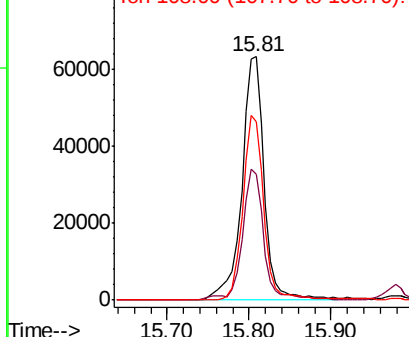


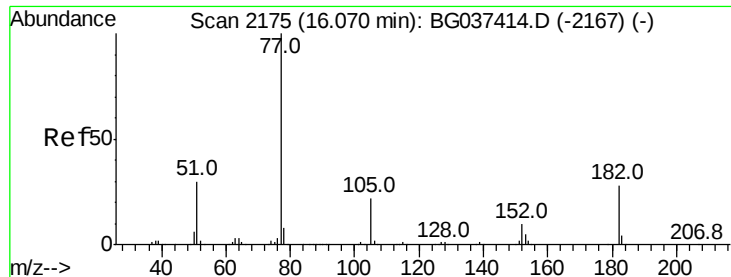
#62
4-Nitroaniline
Concen: 47.369 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:138 Resp: 120326
Ion Ratio Lower Upper
138 100
92 51.6 36.4 76.4
108 73.5 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: 49.884 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

Tot Ion: 77 Resp: 508640

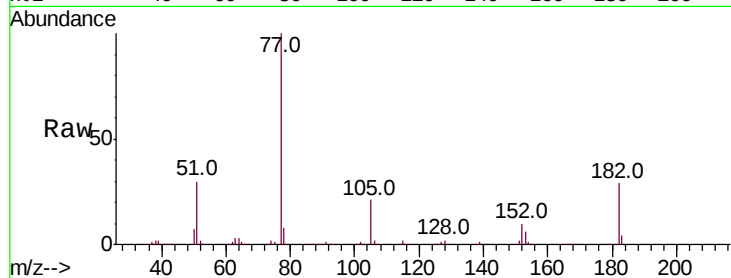
Ion Ratio Lower Upper

77 100

182 28.7 8.0 48.0

105 21.5 1.3 41.3

51 30.0 10.7 50.7

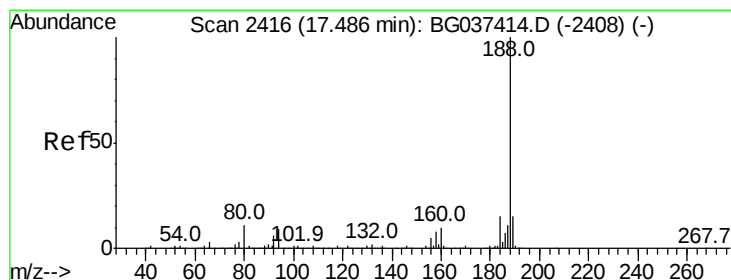
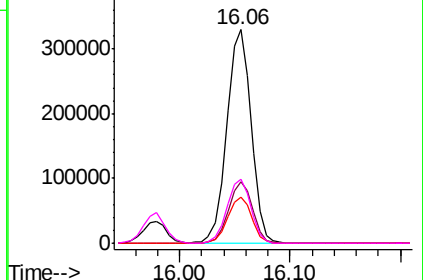
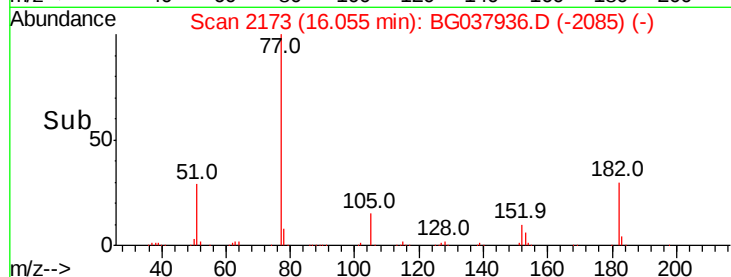


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2415

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

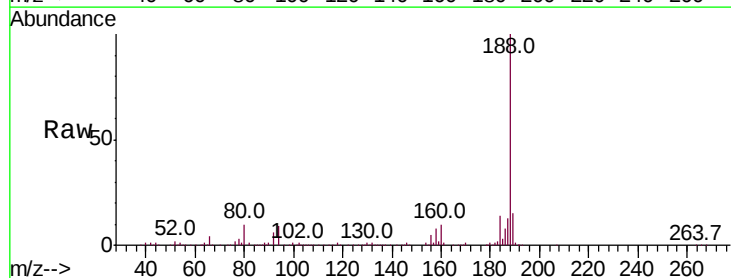
Tgt Ion: 188 Resp: 304741

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

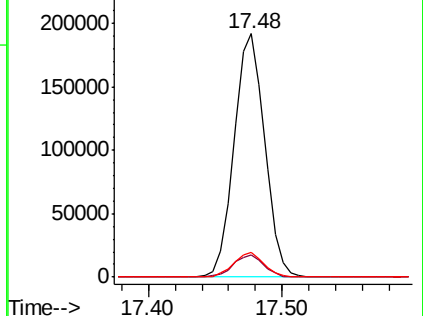
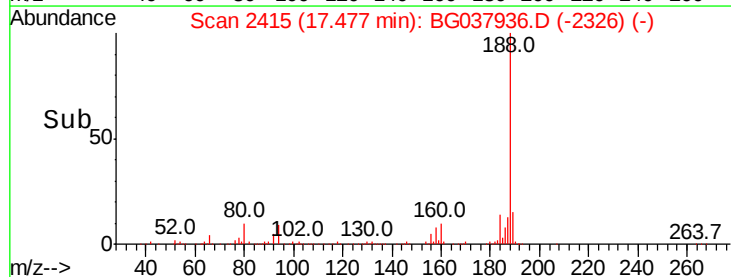
80 9.9 7.7 11.5

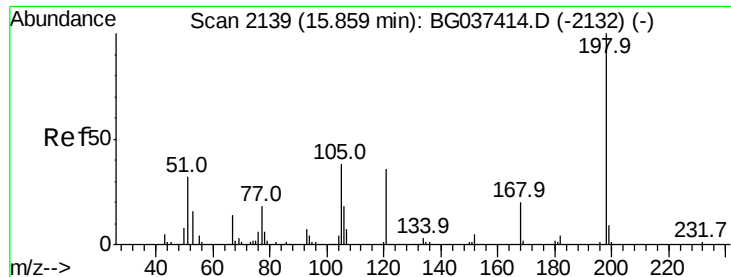


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

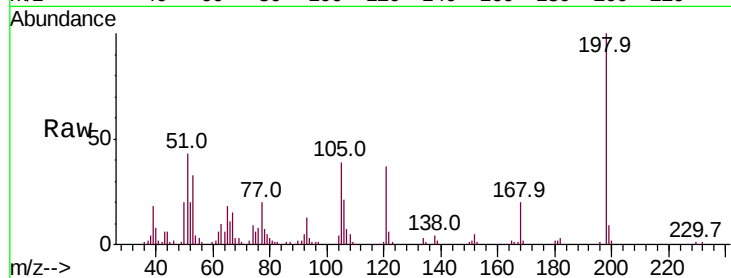




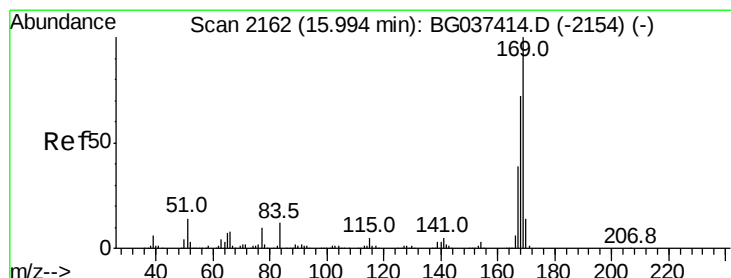
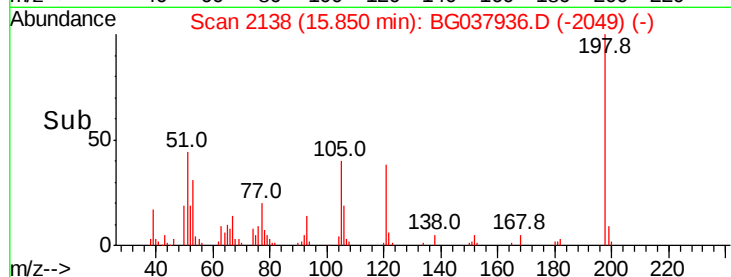
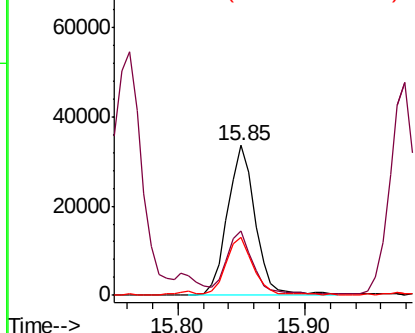
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.811 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Tot Ion:198 Resp: 51125
 Ion Ratio Lower Upper
 198 100
 51 42.9 22.7 62.7
 105 38.9 19.7 59.7

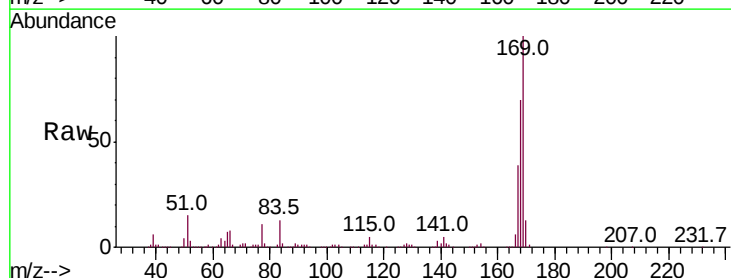


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

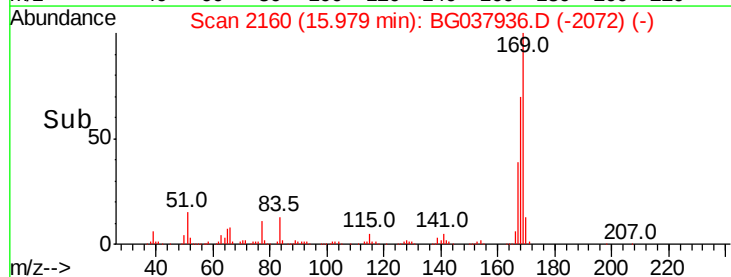
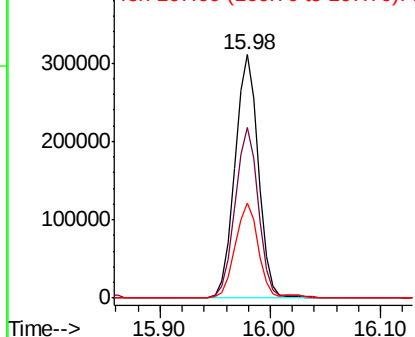


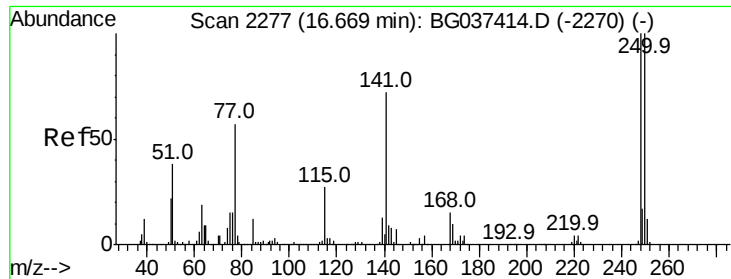
#66
 n-Nitrosodiphenylamine
 Concen: 50.475 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion:169 Resp: 462685
 Ion Ratio Lower Upper
 169 100
 168 70.1 55.7 83.5
 167 39.0 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

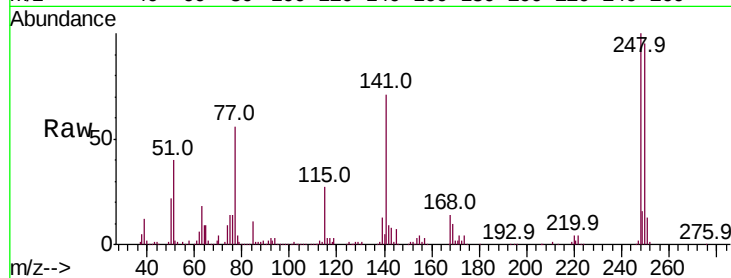




#67
 4-Bromophenyl-phenylether
 Concen: 50.494 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.0	115.6
141	71.2	55.5	83.3

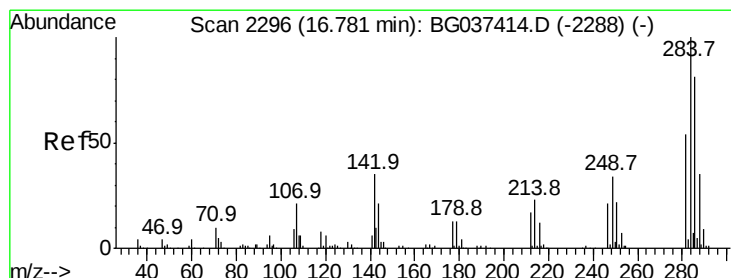
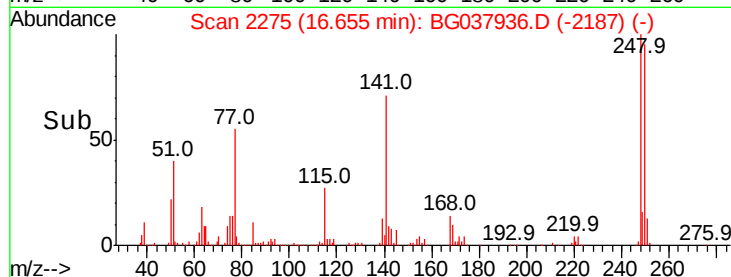
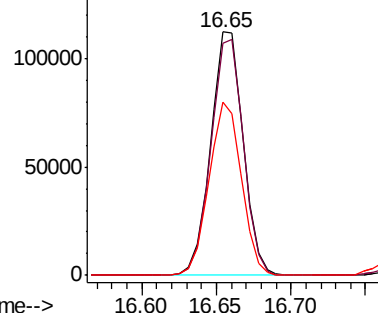


Abundance

Ion 248.00 (247.70 to 248.70): E

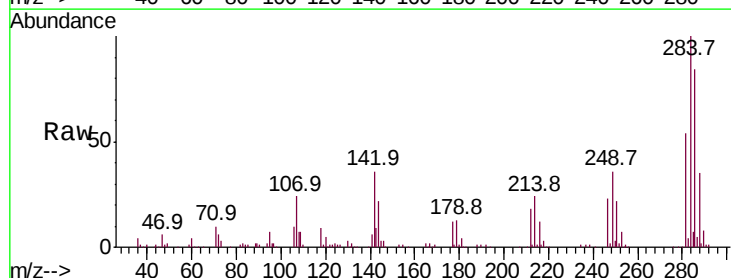
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 49.375 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.1	42.1
249	38.2	29.8	44.8

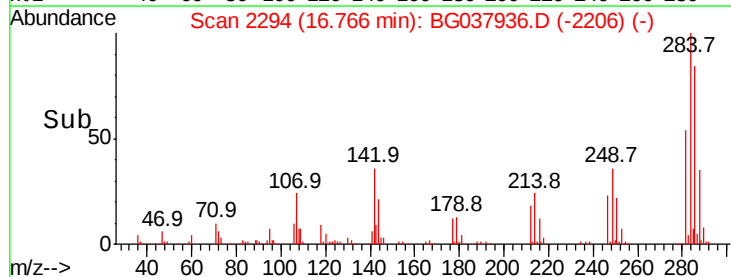
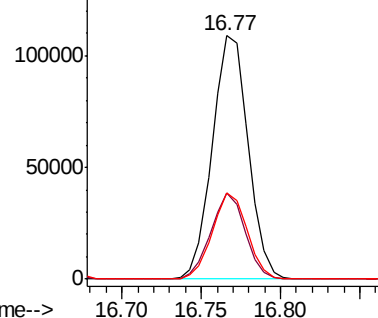


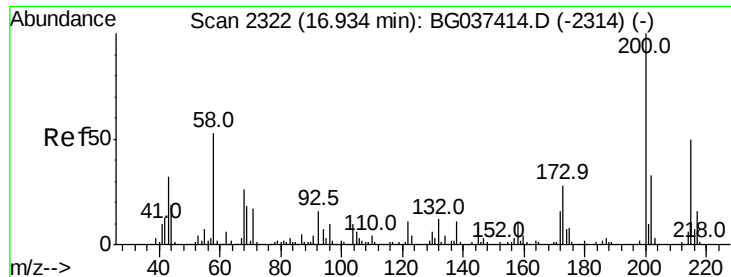
Abundance

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

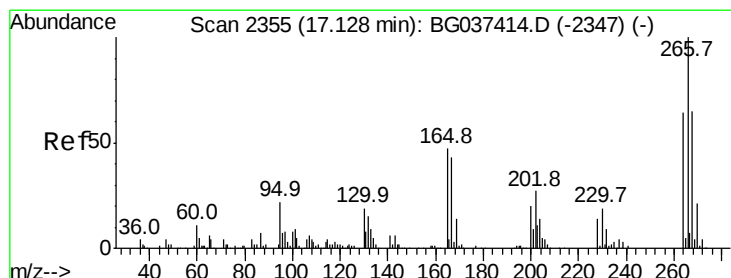
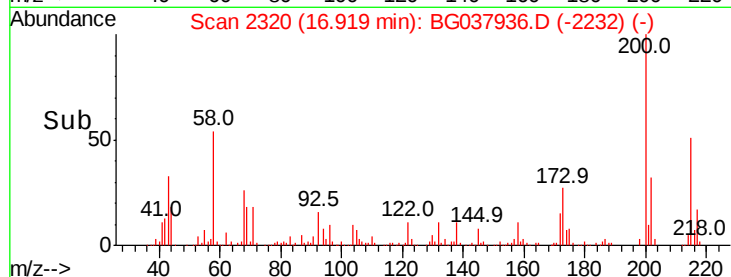
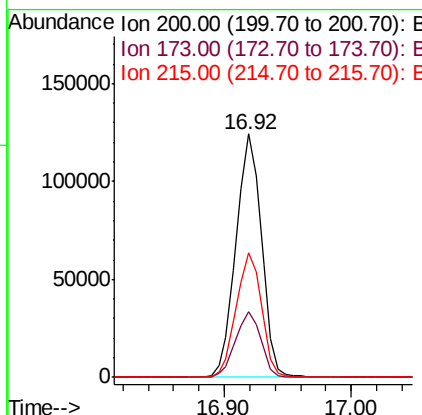
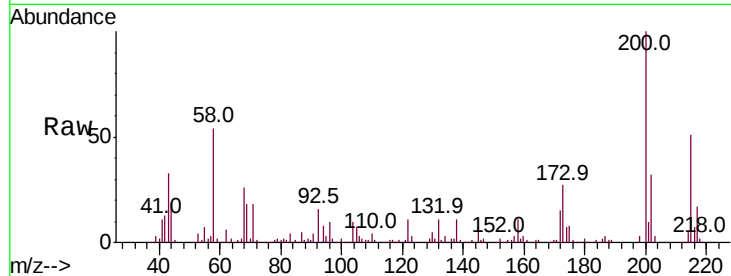




#69
 Atrazine
 Concen: 52.175 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

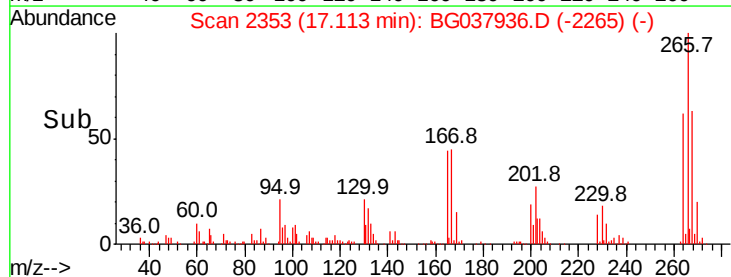
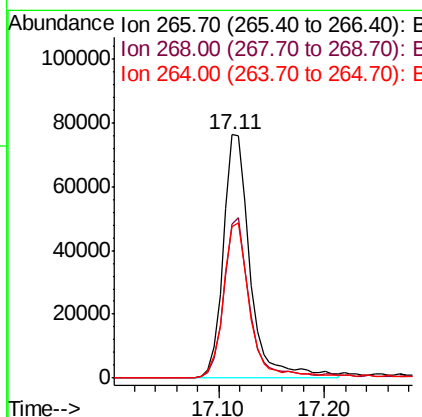
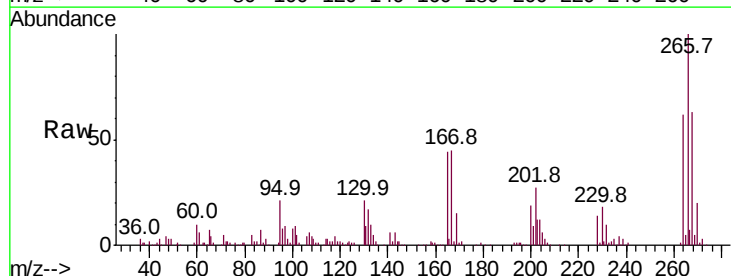
Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

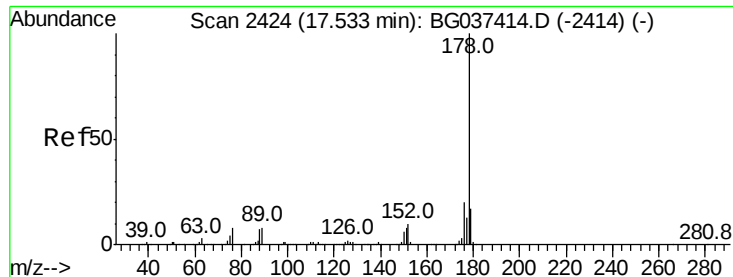
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.1	46.1
215	51.1	30.8	70.8



#70
 Pentachlorophenol
 Concen: 58.064 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.0	82.6
264	67.2	58.9	88.3

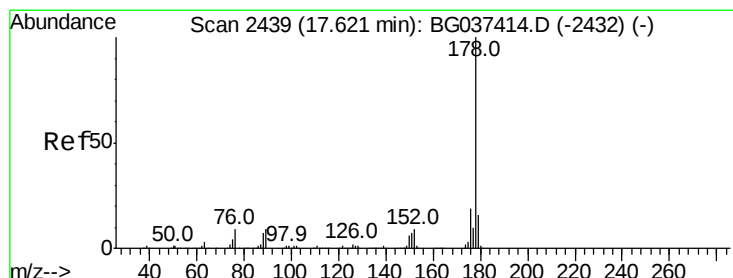
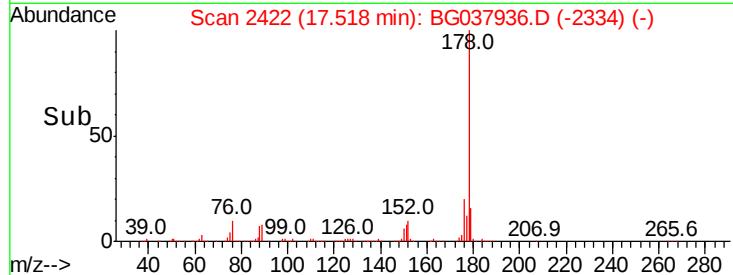
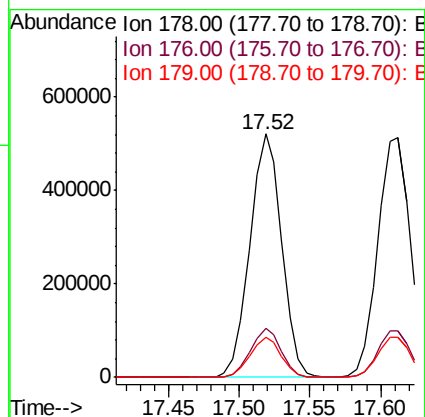
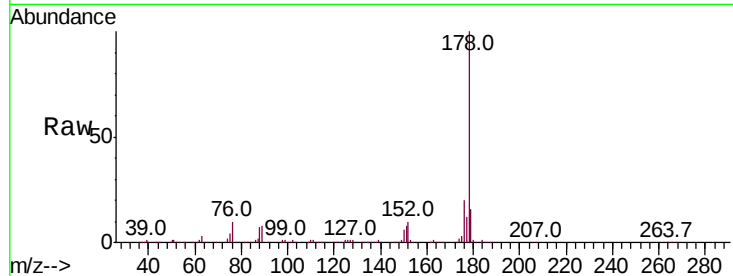




#71
Phenanthrene
Concen: 53.287 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

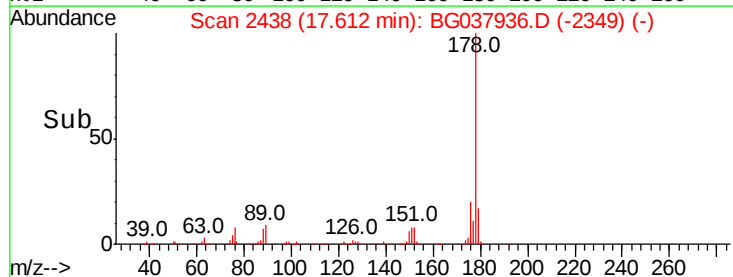
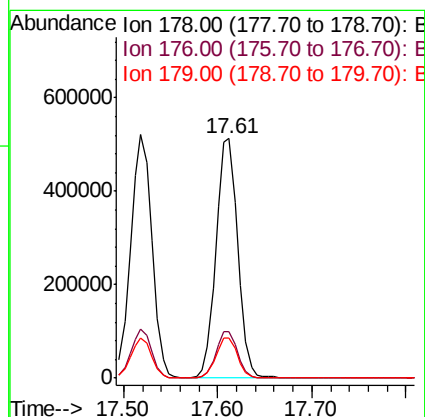
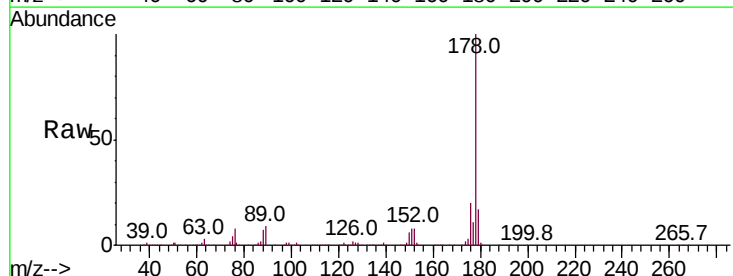
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

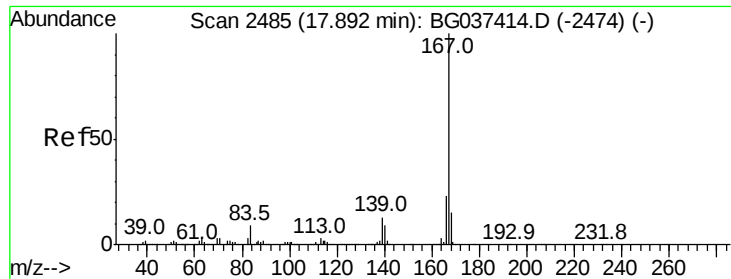
Tot Ion:178 Resp: 825304
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 54.762 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:178 Resp: 832338
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.9 12.8 19.2

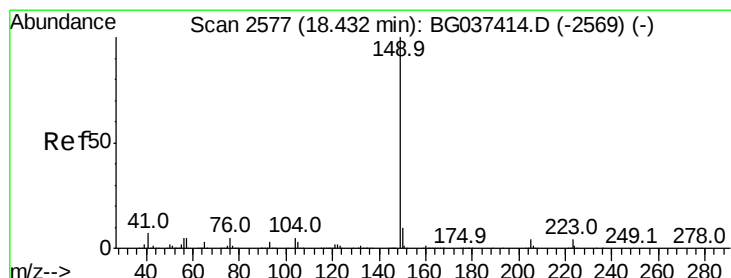
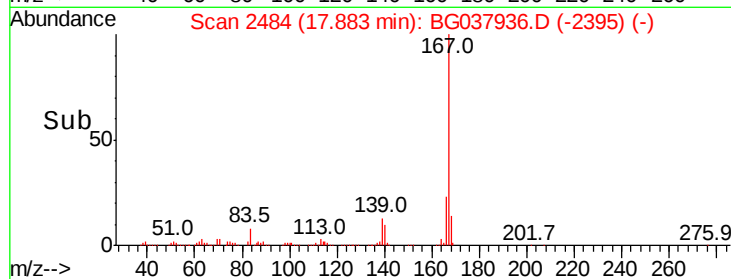
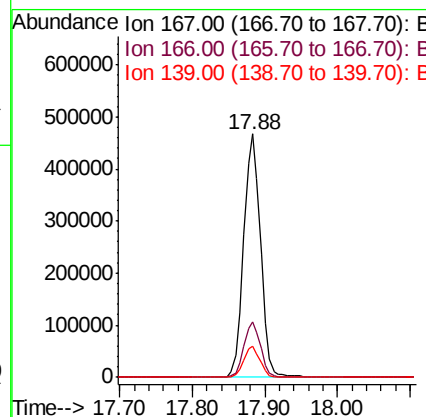
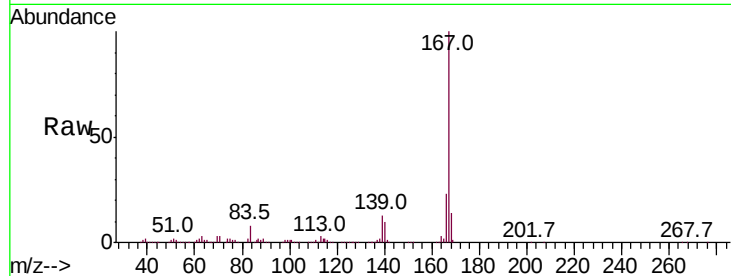




#73
 Carbazole
 Concen: 49.460 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

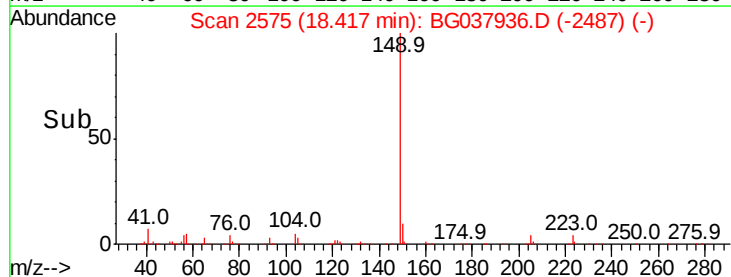
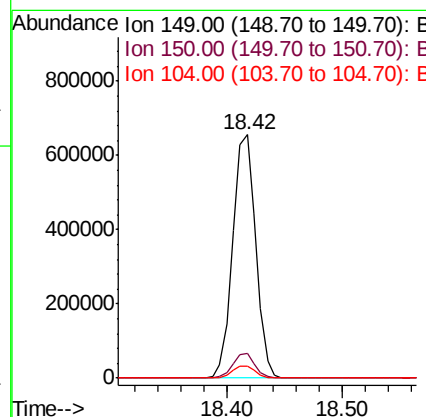
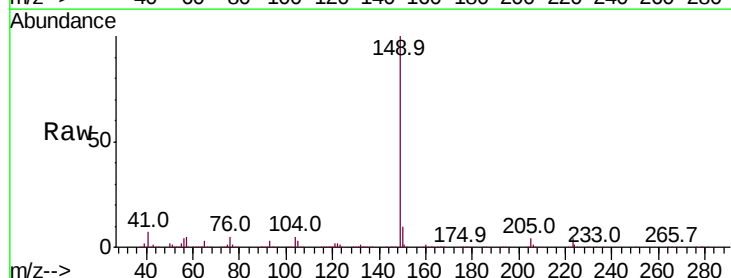
Instrument :
 BNA_G
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	12.6	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 53.533 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037936.D
 Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 53.832 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

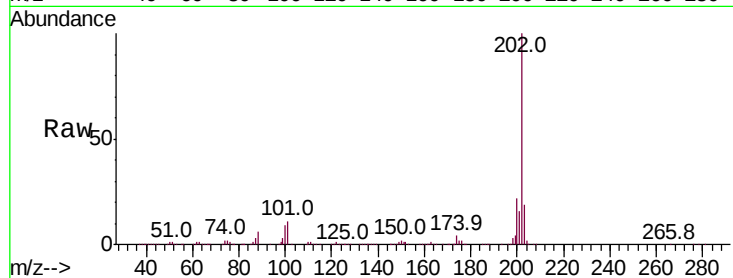
Tot Ion:202 Resp: 945626

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

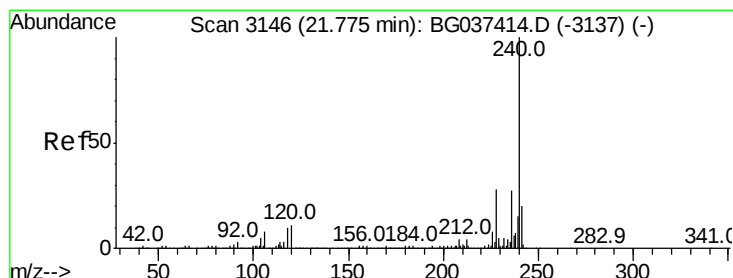
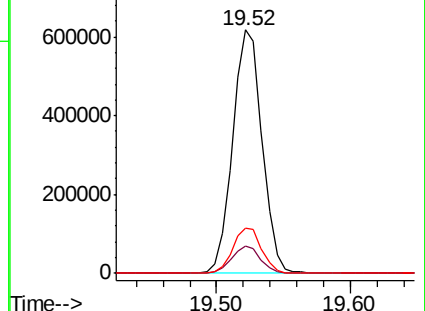
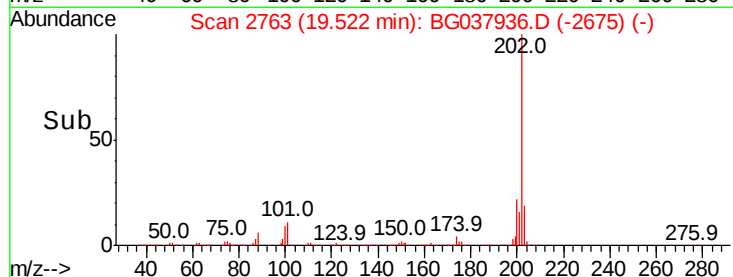
203 18.7 0.0 38.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

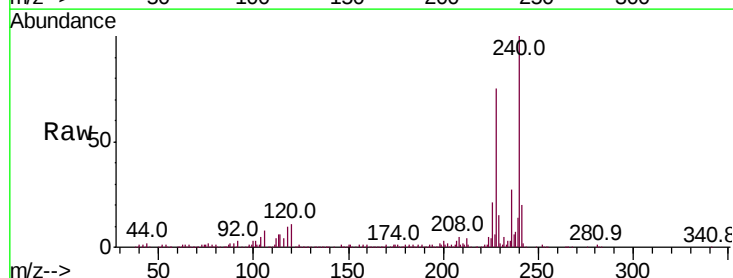
Tgt Ion:240 Resp: 271524

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

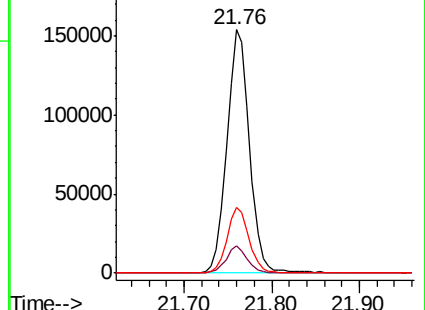
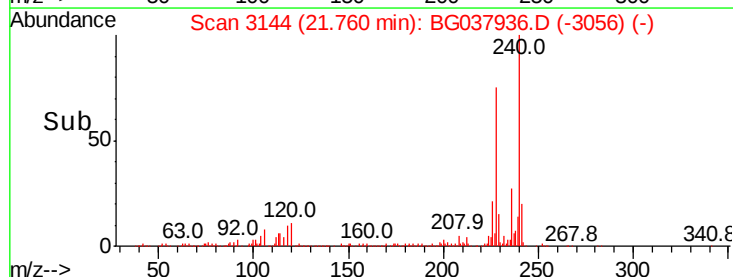
236 26.9 21.4 32.0

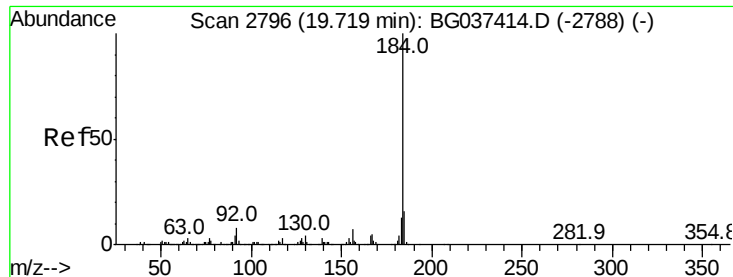


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.286 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

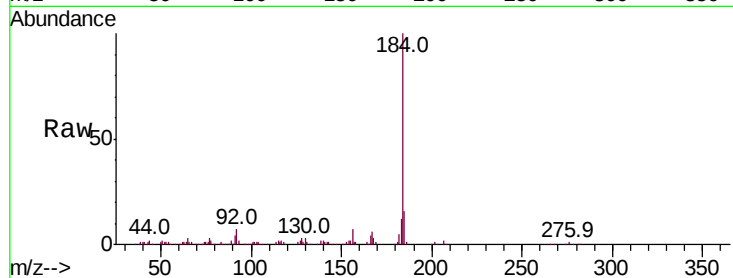
Tot Ion:184 Resp: 113433

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

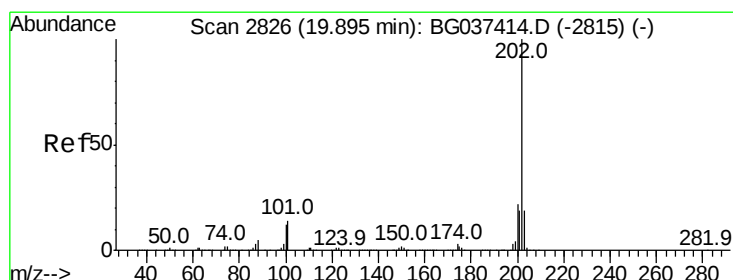
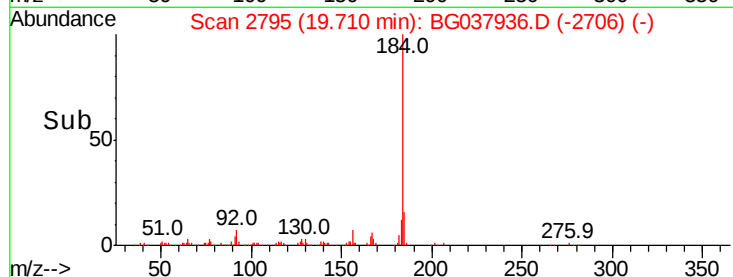
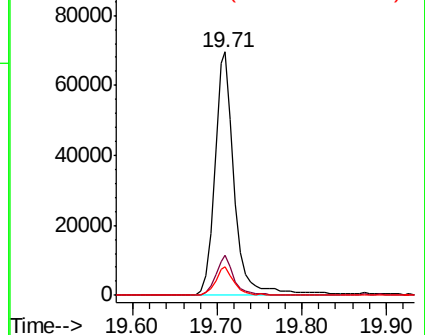
183 12.0 10.2 15.2



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: 53.191 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

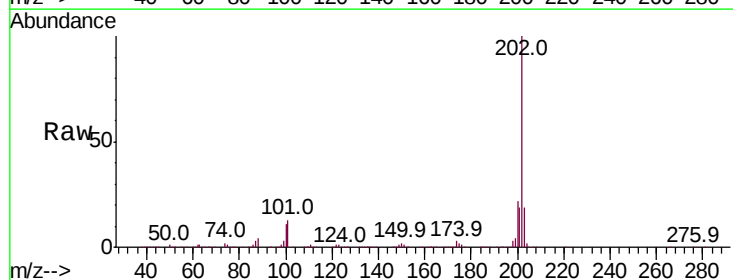
Tgt Ion:202 Resp: 944144

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

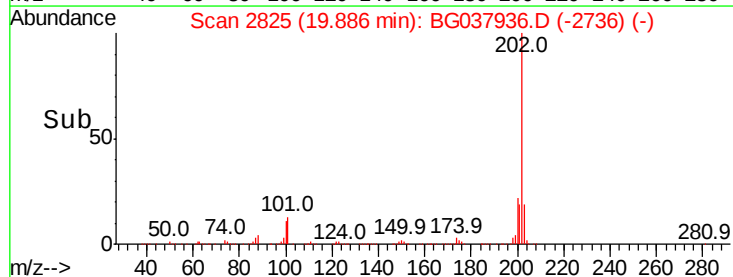
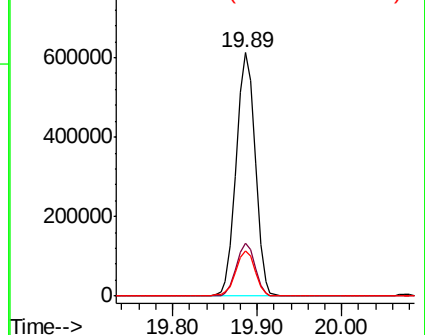
203 18.7 15.2 22.8

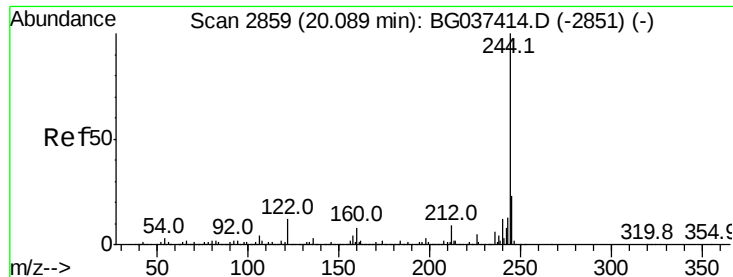


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.957 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

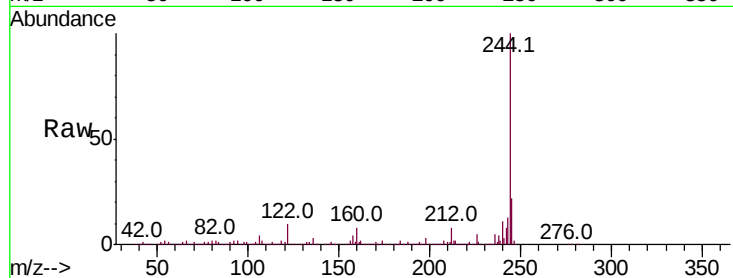
Tot Ion:244 Resp: 1079564

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

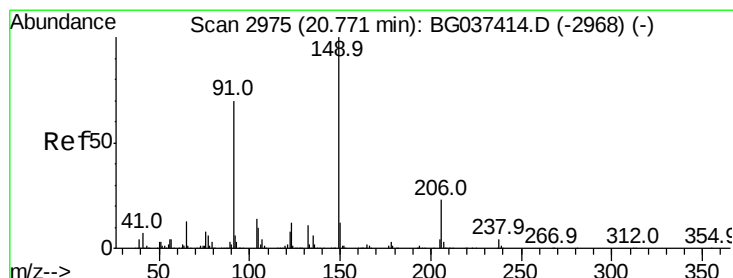
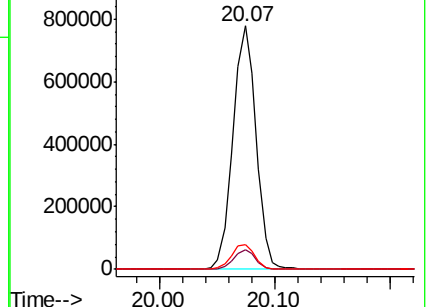
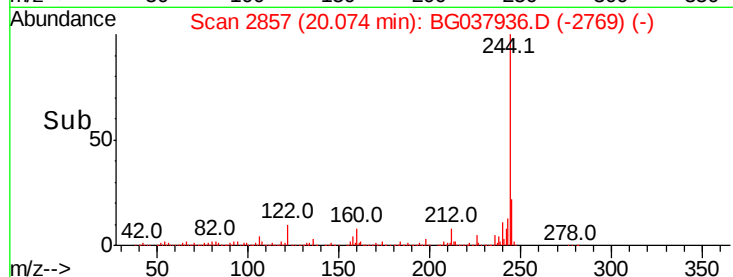
122 10.4 9.0 13.4



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: 55.541 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

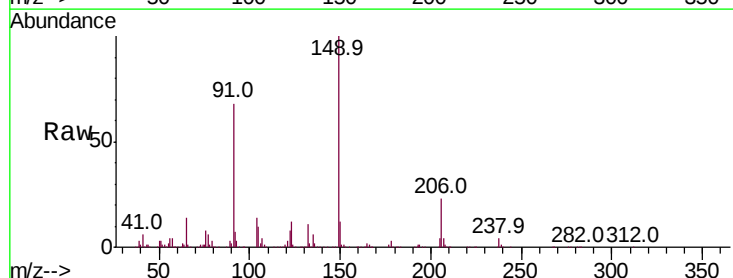
Tgt Ion:149 Resp: 403469

Ion Ratio Lower Upper

149 100

91 67.8 57.0 85.4

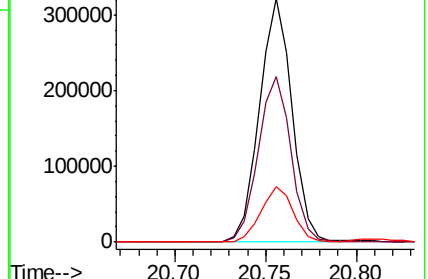
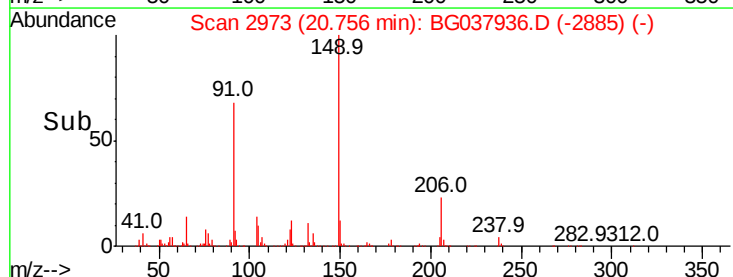
206 22.6 17.8 26.6

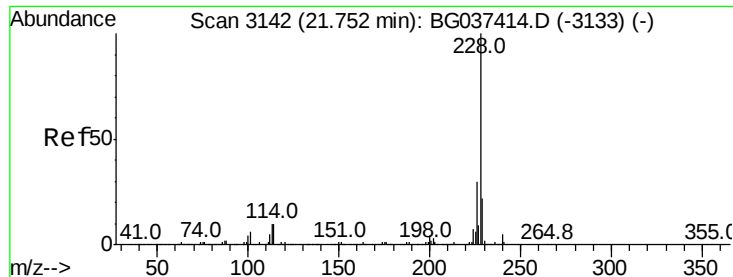


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

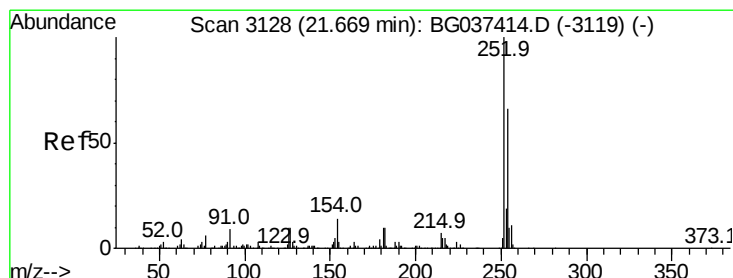
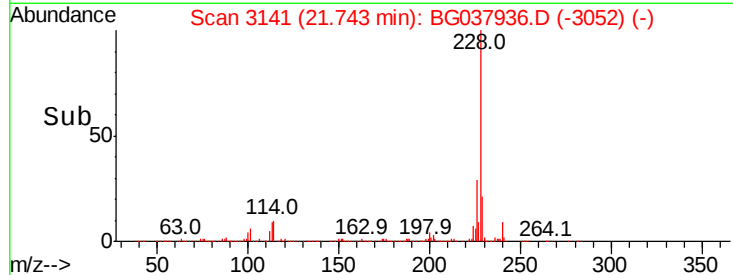
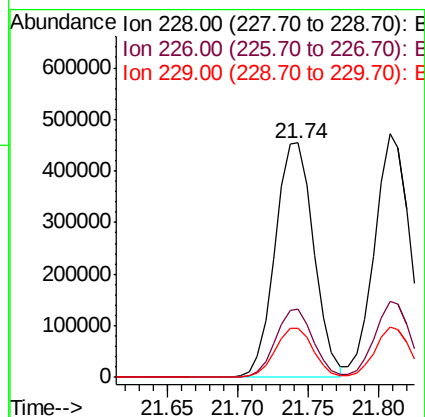
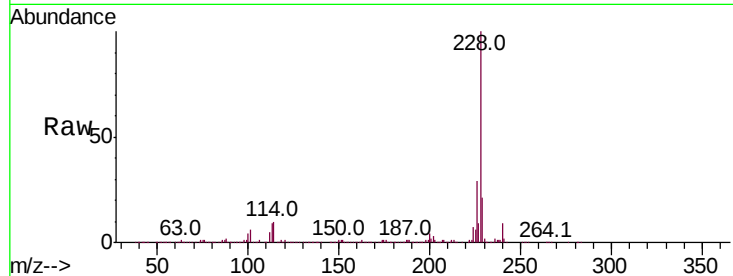




#81
Benzo(a)anthracene
Concen: 54.164 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

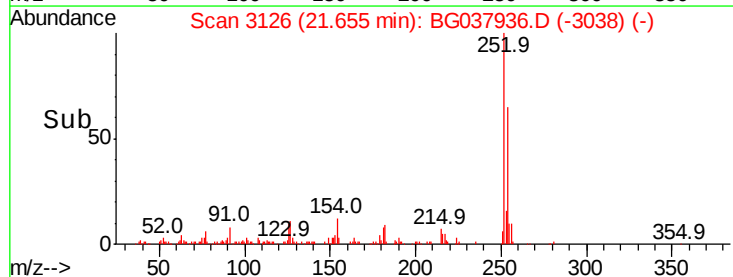
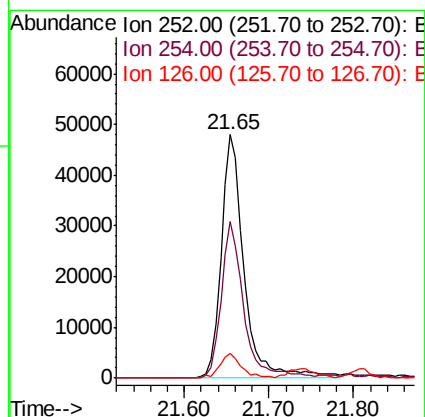
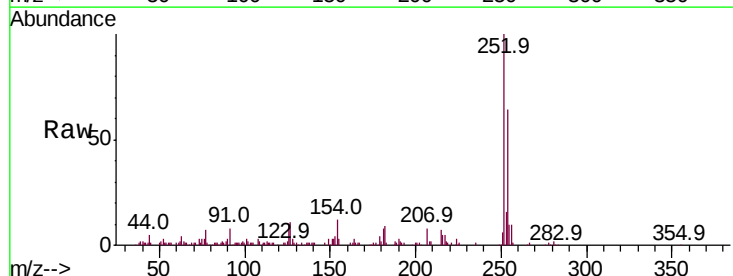
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

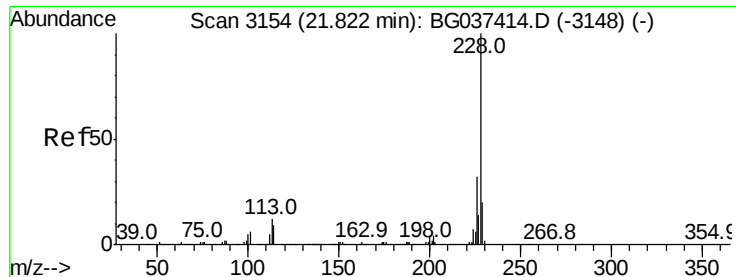
Tot Ion:228 Resp: 869904
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 21.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 14.500 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:252 Resp: 90267
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 10.1 8.2 12.4





#83

Chrysene

Concen: 53.816 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

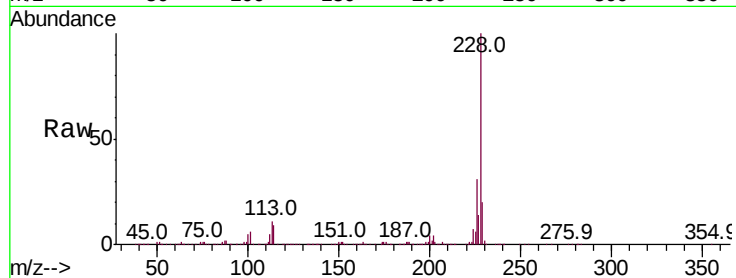
Tot Ion:228 Resp: 831096

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

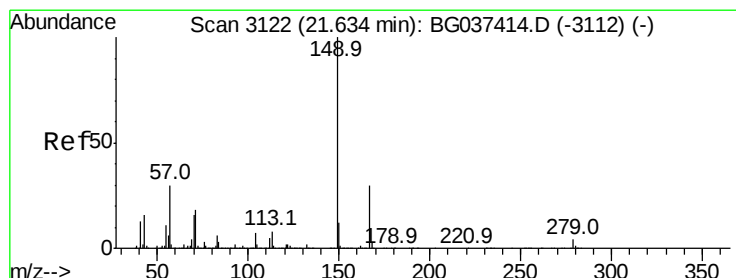
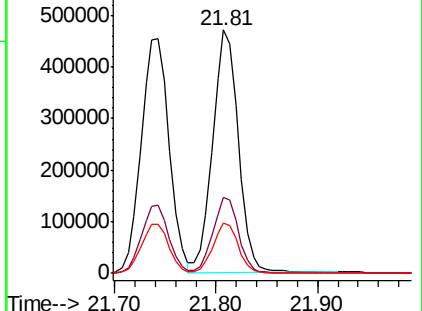
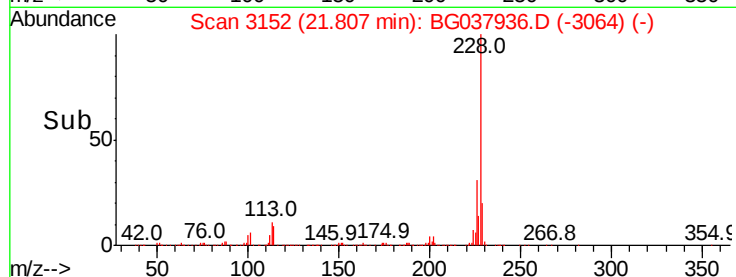
229 20.4 16.5 24.7



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: 56.081 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.03 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

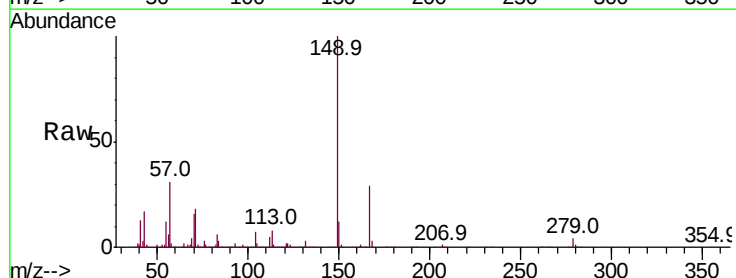
Tgt Ion:149 Resp: 571050

Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.4

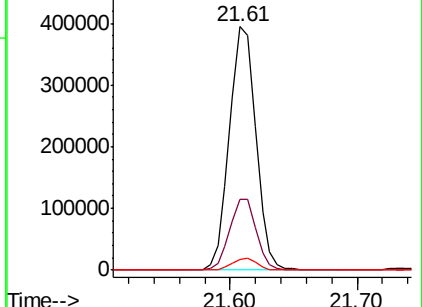
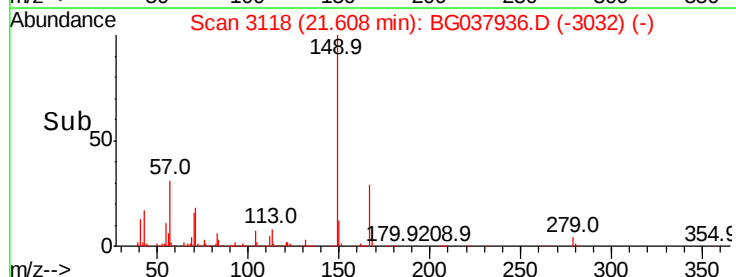
279 4.4 3.6 5.4

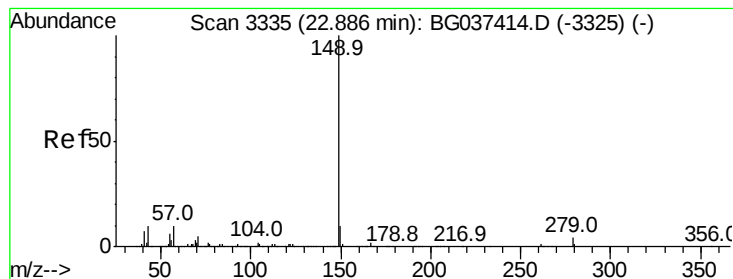


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.176 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

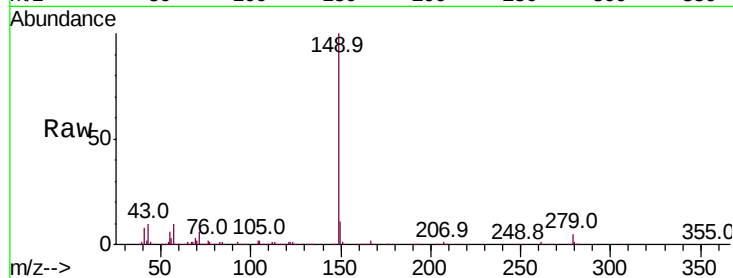
Tot Ion:149 Resp: 949361

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

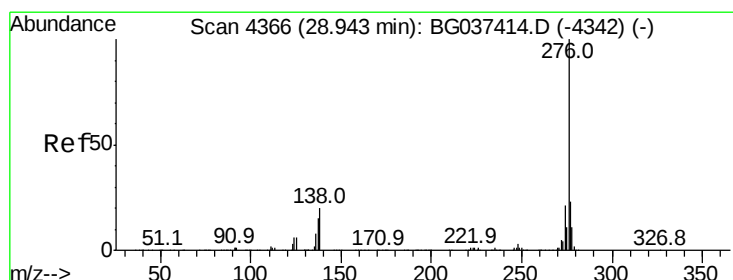
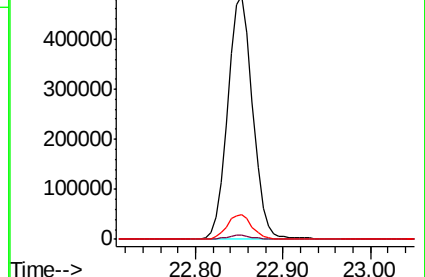
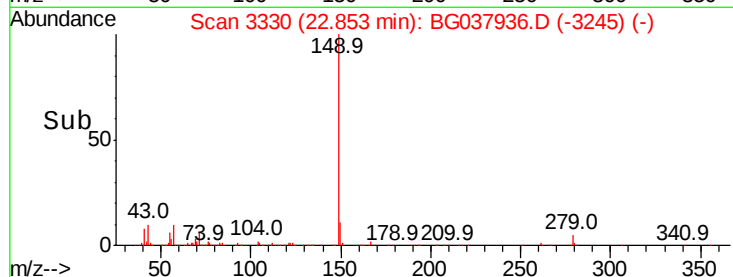
43 10.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.833 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.04 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

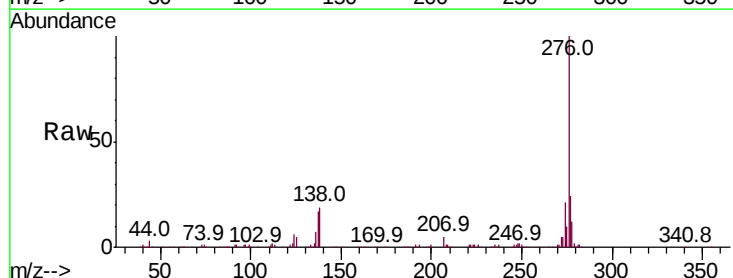
Tgt Ion:276 Resp: 659783

Ion Ratio Lower Upper

276 100

138 14.8 12.0 18.0

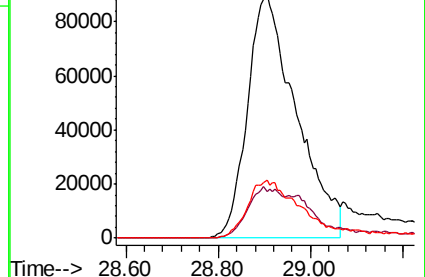
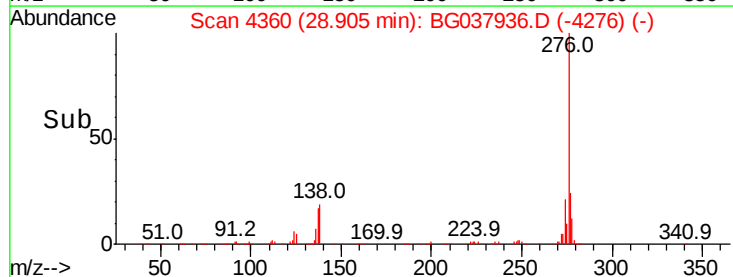
277 26.9 20.6 30.8

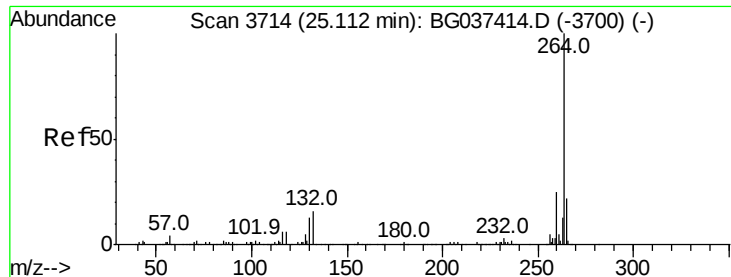


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

Instrument :

BNA_G

ClientSampleId :

RT-3263MSD

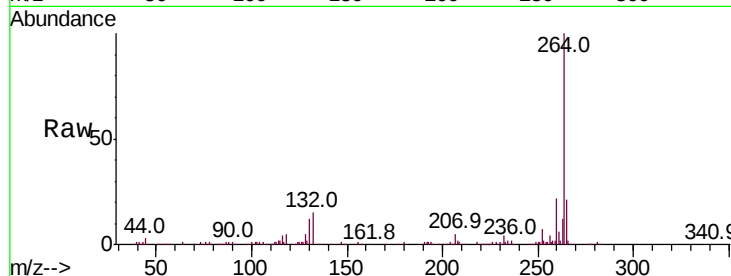
Tot Ion:264 Resp: 266592

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

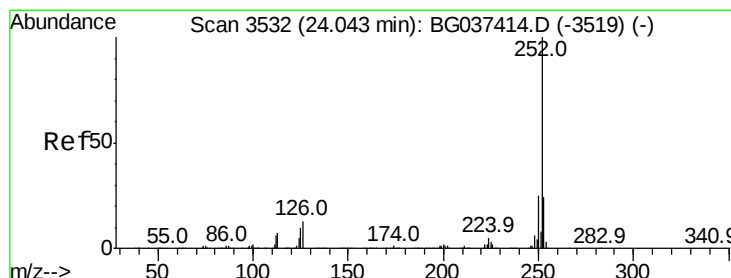
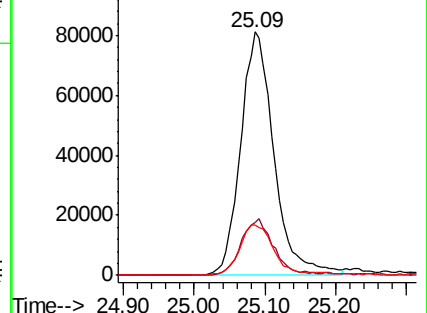
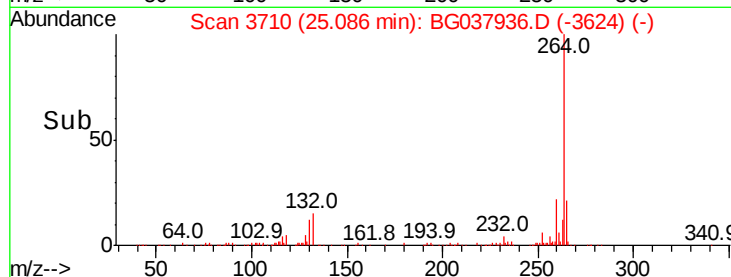
265 20.9 17.9 26.9



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: 55.922 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG037936.D

Acq: 10 Nov 2018 1:09

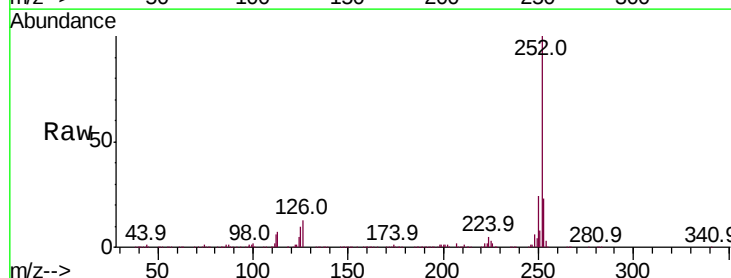
Tgt Ion:252 Resp: 817329

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

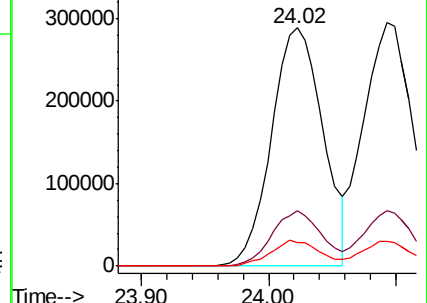
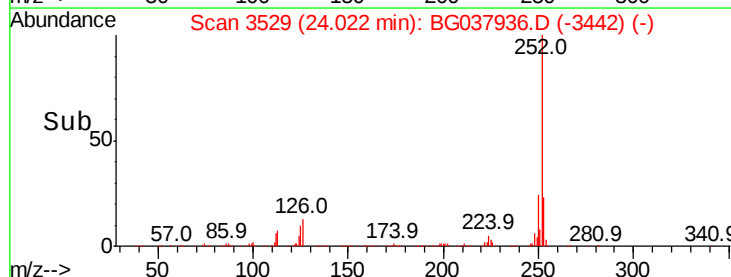
125 9.8 7.8 11.6

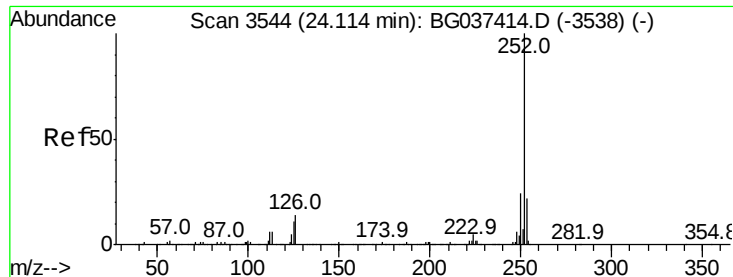


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

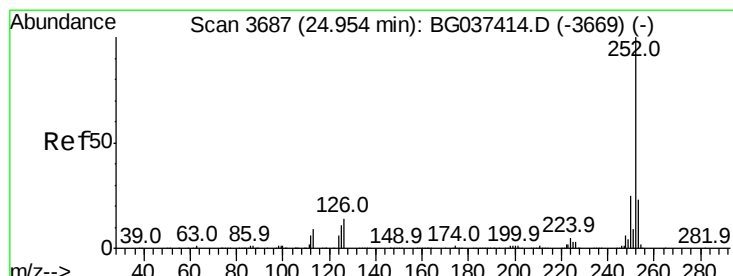
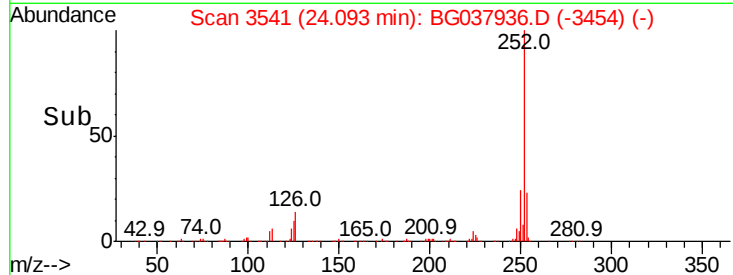
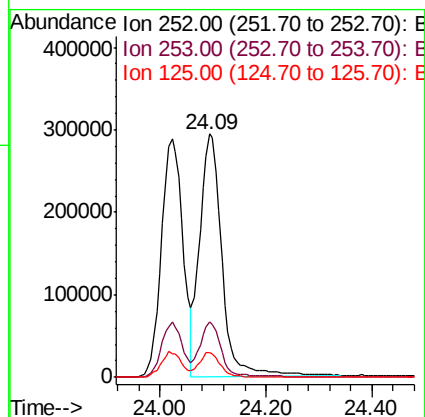
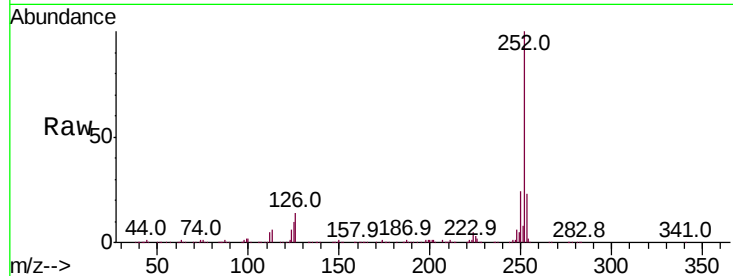




#89
Benzo(k)fluoranthene
Concen: 59.539 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

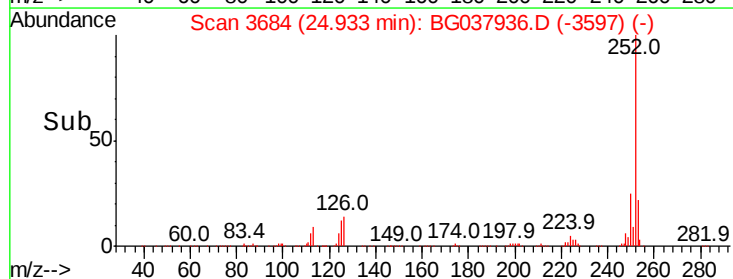
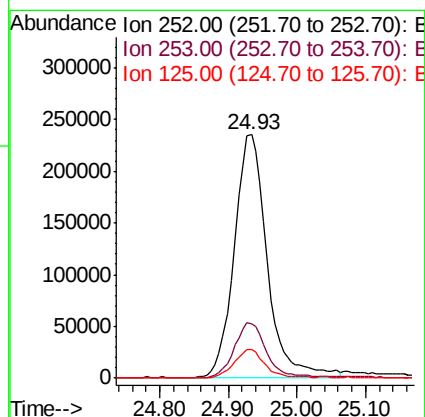
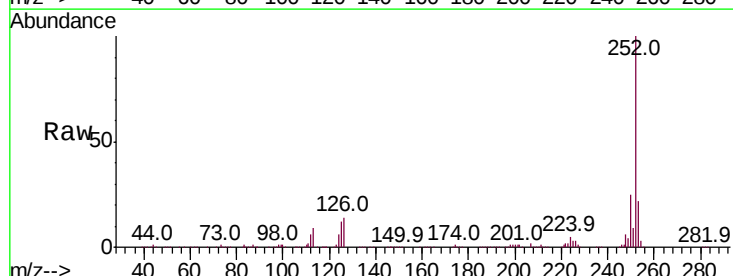
Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

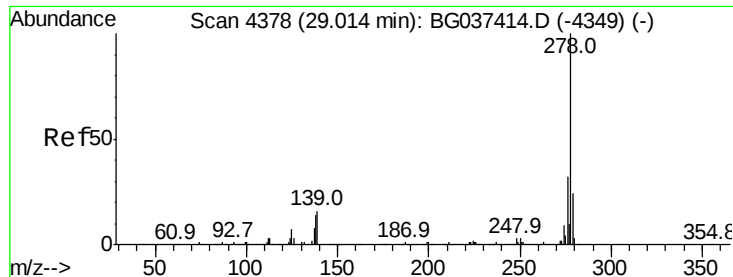
Tot Ion:252 Resp: 852558
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 56.137 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion:252 Resp: 779644
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.6 9.0 13.6

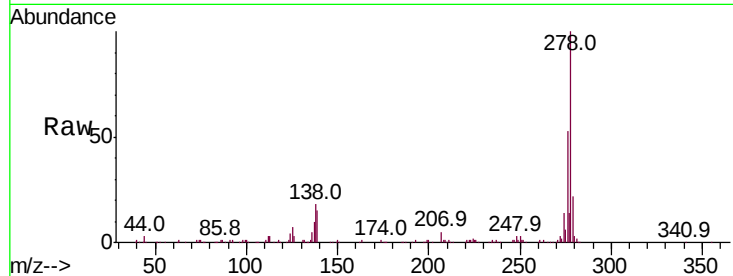




#91
Dibenzo(a,h)anthracene
Concen: 41.708 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.04 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Instrument :
BNA_G
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	22.0	18.6	27.8

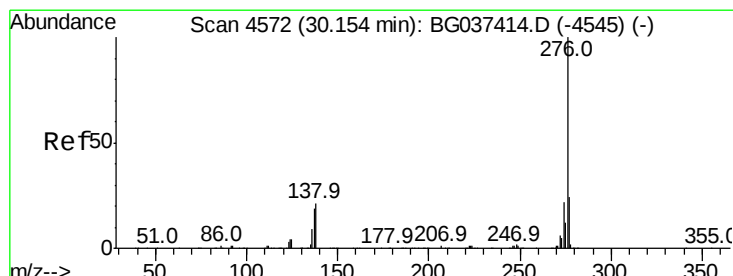
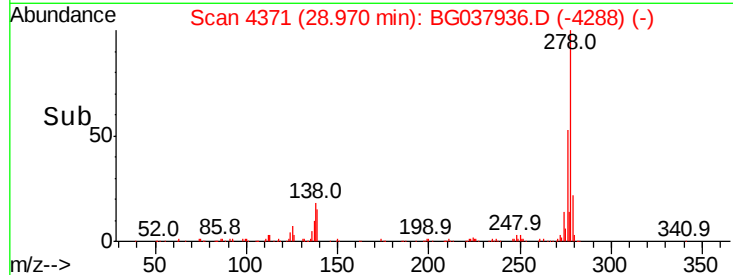
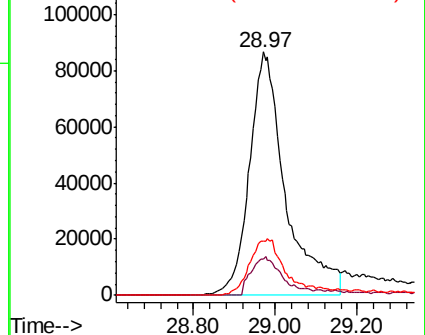


Abundance

Ion 278.00 (277.70 to 278.70): E

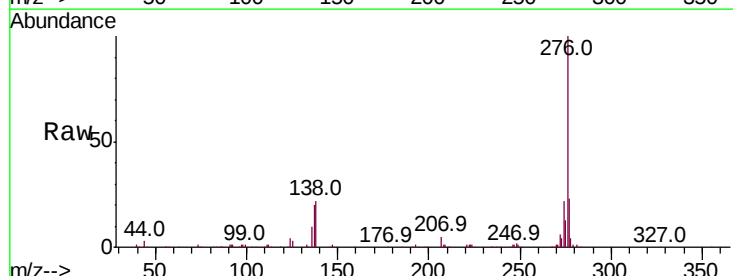
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.144 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037936.D
Acq: 10 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	22.2	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

