

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037568.D
 Acq On : 26 Oct 2018 6:44
 Operator : JU/SJ
 Sample : J5655-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Quant Time: Oct 26 08:09:49 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	8.10	152	61140	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	281426	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	184553	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	427598	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378529	20.00	ng	0.00
87) Perylene-d12	25.11	264	398558	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	221199	60.49	ng	0.00
7) Phenol-d6	7.25	99	201520	36.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	414385	82.48	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	253216	125.80	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	962285	78.63	ng	0.00
79) Terphenyl-d14	20.08	244	1372544	77.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	26334	14.199	ng	98
3) Pyridine	3.94	79	59003	12.623	ng	93
4) n-Nitrosodimethylamine	3.85	42	35633	21.402	ng	97
6) Aniline	7.43	93	141790	21.018	ng	99
8) 2-Chlorophenol	7.66	128	187639	43.860	ng	98
9) Benzaldehyde	7.25	77	137177	39.656	ng	99
10) Phenol	7.27	94	94274	16.158	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	217453	49.071	ng	98
12) 1,3-Dichlorobenzene	7.99	146	207231	43.511	ng	98
13) 1,4-Dichlorobenzene	8.14	146	212478	43.613	ng	97
14) 1,2-Dichlorobenzene	8.46	146	209735	44.754	ng	98
15) Benzyl Alcohol	8.34	79	124634	30.503	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	394858	49.799	ng	98
17) 2-Methylphenol	8.54	107	142737	37.004	ng	99
18) Hexachloroethane	9.19	117	73807	44.438	ng	89
19) n-Nitroso-di-n-propylamine	8.91	70	186395	48.949	ng	98
20) 3+4-Methylphenols	8.87	107	175961	31.906	ng	98
22) Acetophenone	8.94	105	348253	49.341	ng	# 97
24) Nitrobenzene	9.32	77	264376	50.657	ng	94
25) Isophorone	9.84	82	536906	58.491	ng	97
26) 2-Nitrophenol	10.04	139	129115	54.917	ng	98
27) 2,4-Dimethylphenol	10.08	122	211427	50.366	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	320441	53.282	ng	96
29) 2,4-Dichlorophenol	10.56	162	234956	50.270	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	236044	46.441	ng	99
31) Naphthalene	10.98	128	707712	51.198	ng	99
32) Benzoic acid	10.16	122	44058	16.159	ng	98
33) 4-Chloroaniline	11.09	127	123175	18.965	ng	98
34) Hexachlorobutadiene	11.24	225	134274	44.574	ng	99
35) Caprolactam	11.88	113	9597	5.120	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	248800	47.201	ng	98
37) 2-Methylnaphthalene	12.57	142	559249	55.501	ng	99
38) 1-Methylnaphthalene	12.79	142	528983	54.057	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	283335	47.597	ng	99

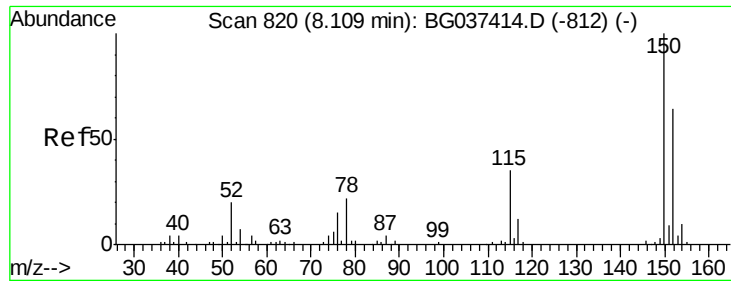
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037568.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	302708	106.456	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	212144	53.343	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	229291	52.954	ng	98
46) 1,1'-Biphenyl	13.57	154	720522	47.142	ng	99
47) 2-Chloronaphthalene	13.62	162	568105	49.131	ng	99
48) 2-Nitroaniline	13.83	65	193838	55.279	ng	94
49) Acenaphthylene	14.47	152	944331	54.290	ng	99
50) Dimethylphthalate	14.19	163	736587	51.591	ng	100
51) 2,6-Dinitrotoluene	14.32	165	171214	54.208	ng	93
52) Acenaphthene	14.80	154	551711	51.502	ng	98
53) 3-Nitroaniline	14.65	138	105989	30.228	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	153783	96.588	ng	96
55) Dibenzofuran	15.14	168	873829	49.233	ng	97
56) 4-Nitrophenol	14.94	139	135689	52.281	ng	98
57) 2,4-Dinitrotoluene	15.10	165	237295	57.235	ng	96
58) Fluorene	15.78	166	713628	53.692	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	202514	54.625	ng	99
60) Diethylphthalate	15.54	149	751144	51.245	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	377442	48.721	ng	97
62) 4-Nitroaniline	15.82	138	171175	49.130	ng	95
63) Azobenzene	16.06	77	717003	51.268	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	123926	53.948	ng	98
66) n-Nitrosodiphenylamine	15.99	169	639665	49.732	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	238247	50.737	ng	99
68) Hexachlorobenzene	16.77	284	241305	49.583	ng	100
69) Atrazine	16.93	200	242393	52.123	ng	99
70) Pentachlorophenol	17.12	266	287202	88.102	ng	96
71) Phenanthrene	17.53	178	1144037	52.643	ng	98
72) Anthracene	17.62	178	1155838	54.197	ng	96
73) Carbazole	17.89	167	1042972	48.890	ng	98
74) Di-n-butylphthalate	18.43	149	1233213	51.966	ng	99
75) Fluoranthene	19.53	202	1309628	53.133	ng	97
77) Benzidine	19.71	184	349108	27.124	ng	100
78) Pyrene	19.89	202	1289400	52.108	ng	98
80) Butylbenzylphthalate	20.76	149	570347	56.319	ng	99
81) Benzo(a)anthracene	21.75	228	1215959	54.309	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	321112	37.001	ng	99
83) Chrysene	21.82	228	1128531	52.419	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	793908	55.927	ng	99
85) Di-n-octyl phthalate	22.87	149	1336510	57.738	ng	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	1337219	57.910	ng	98
88) Benzo(b)fluoranthene	24.04	252	1228418	56.219	ng	98
89) Benzo(k)fluoranthene	24.11	252	1168236	54.571	ng	97
90) Benzo(a)pyrene	24.95	252	1167797	56.244	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	1075263	56.143	ng	96
92) Benzo(g,h,i)perylene	30.15	276	1093226	56.420	ng	99

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

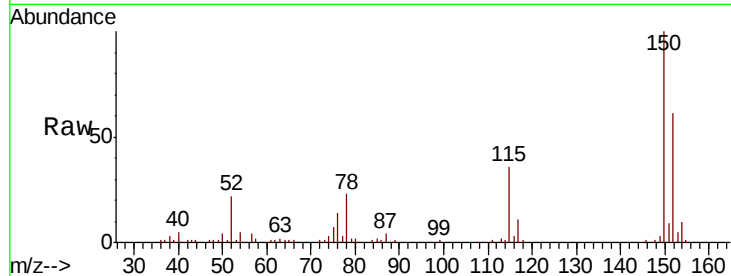


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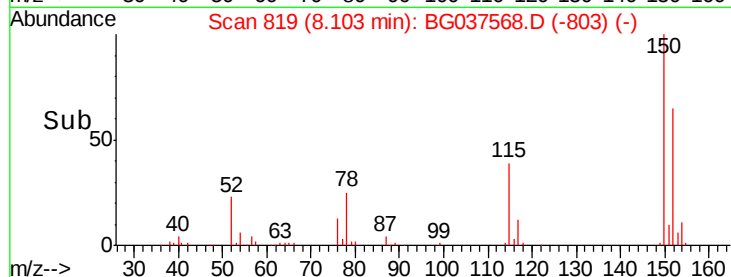
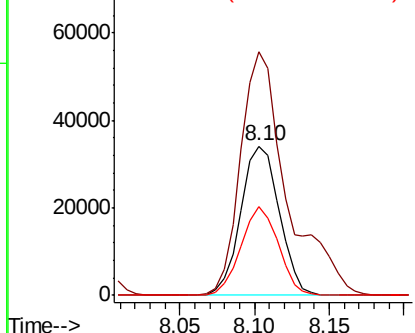
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:152 Resp: 61140
Ion Ratio Lower Upper
152 100
150 163.1 126.0 189.0
115 59.5 45.5 68.3



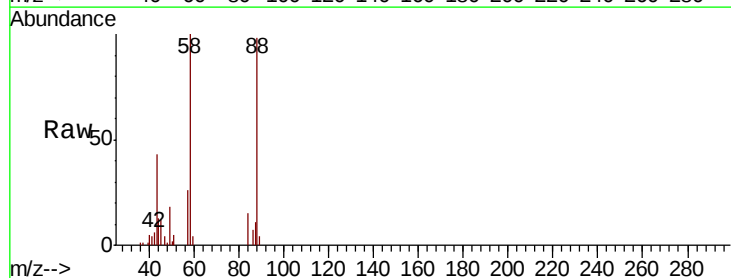
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



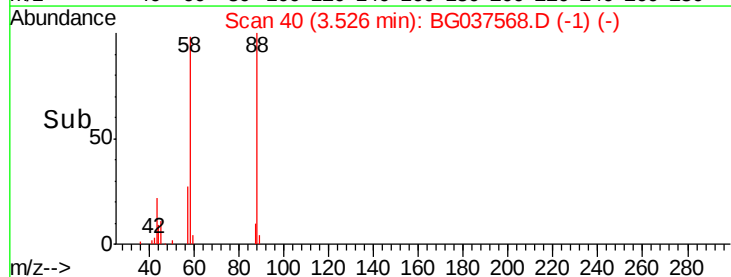
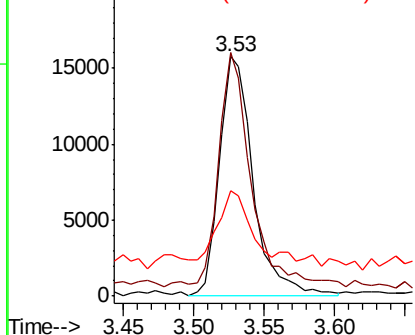
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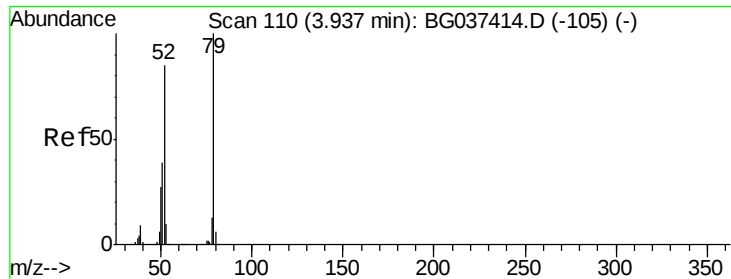
1,4-Dioxane
Concen: 14.199 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion: 88 Resp: 26334
Ion Ratio Lower Upper
88 100
58 94.2 74.4 111.6
43 35.4 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.623 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

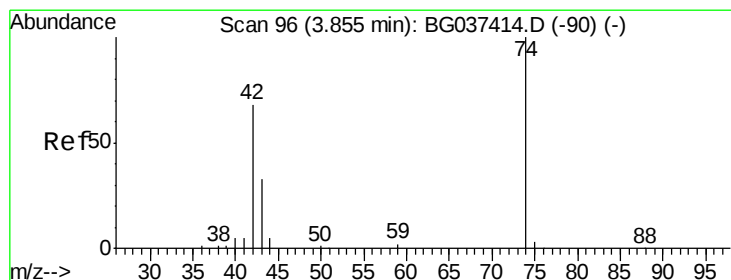
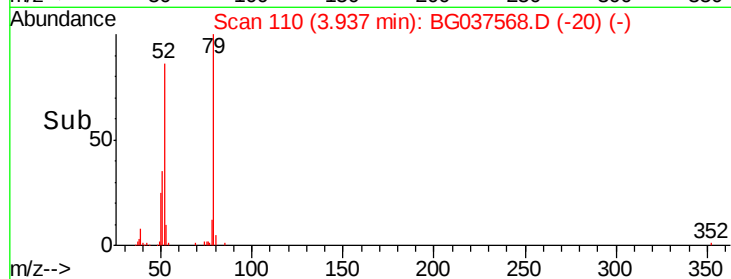
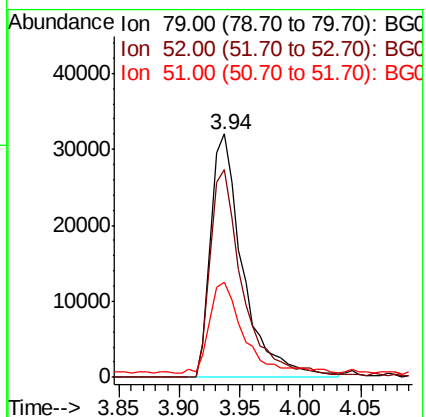
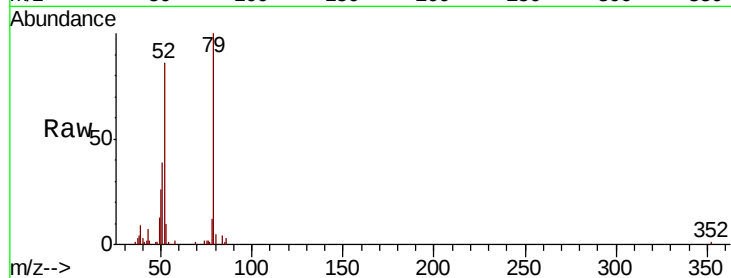
Tot Ion: 79 Resp: 59003

Ion Ratio Lower Upper

79 100

52 85.5 74.2 111.2

51 39.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 21.402 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

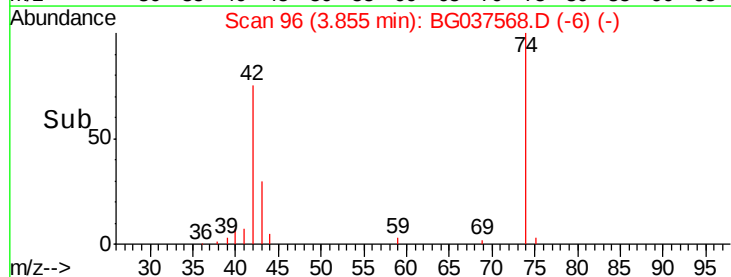
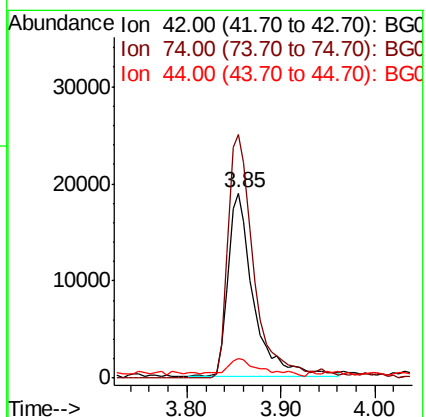
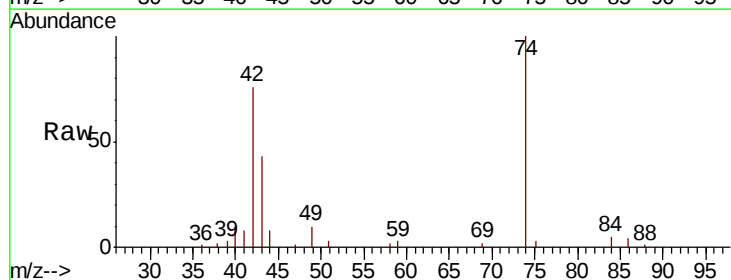
Tgt Ion: 42 Resp: 35633

Ion Ratio Lower Upper

42 100

74 131.4 102.0 153.0

44 10.9 9.6 14.4





#5

2-Fluorophenol

Concen: 60.486 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

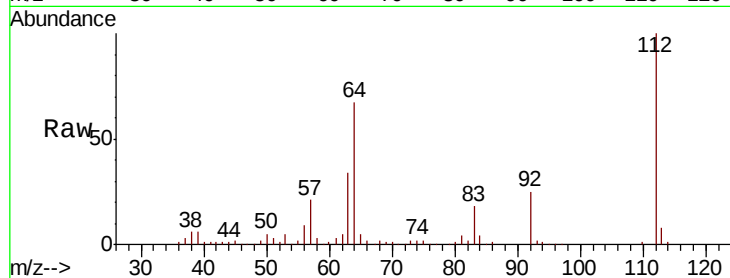
Tot Ion:112 Resp: 221199

Ion Ratio Lower Upper

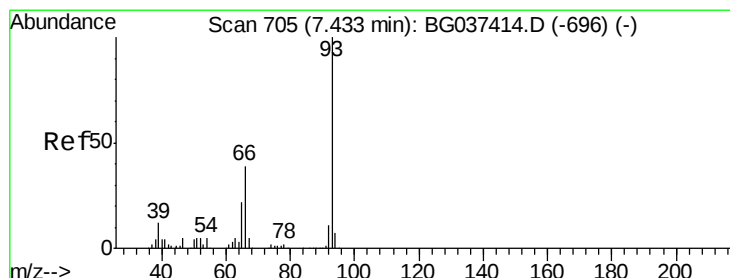
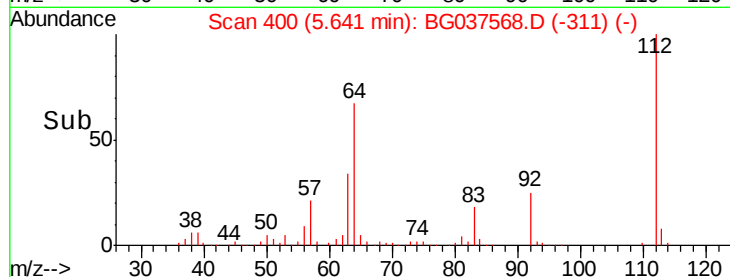
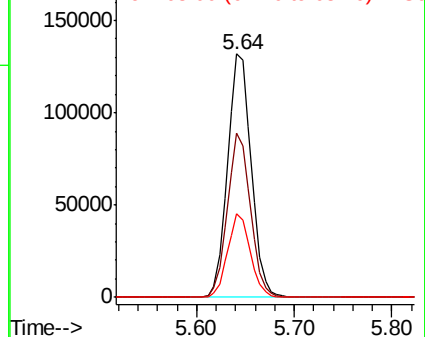
112 100

64 67.4 53.1 79.7

63 34.1 27.3 40.9



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



#6

Aniline

Concen: 21.018 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

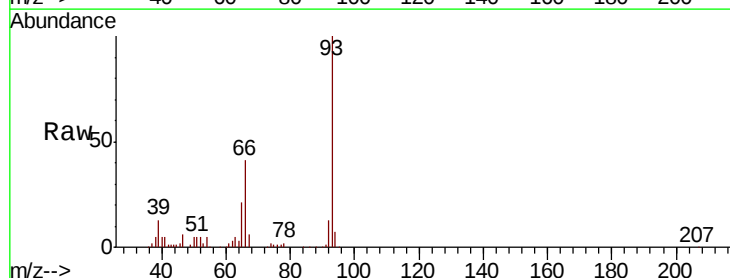
Tgt Ion: 93 Resp: 141790

Ion Ratio Lower Upper

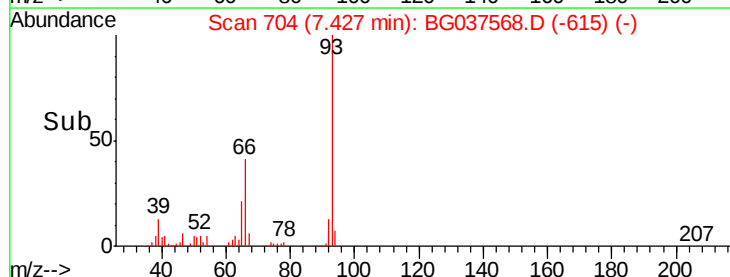
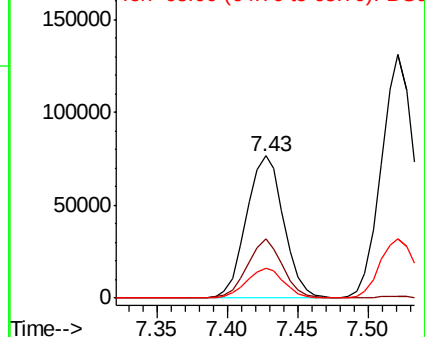
93 100

66 41.4 32.8 49.2

65 20.8 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: 36.442 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

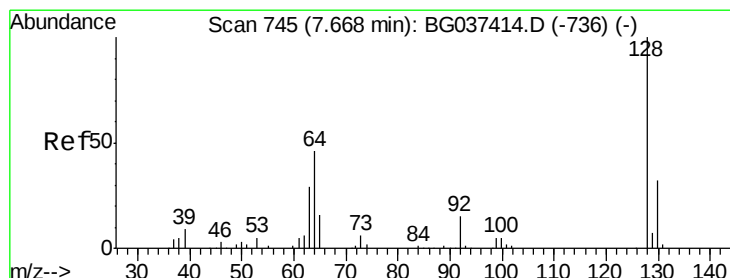
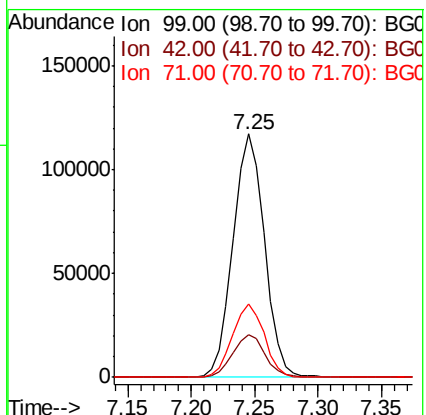
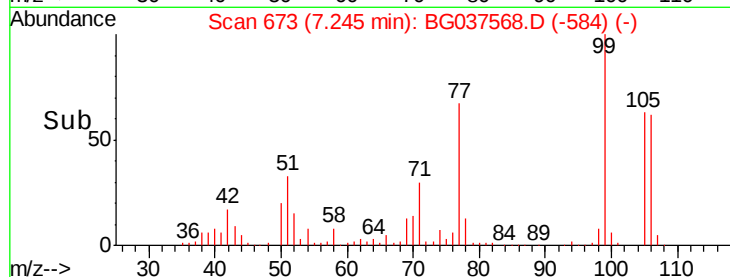
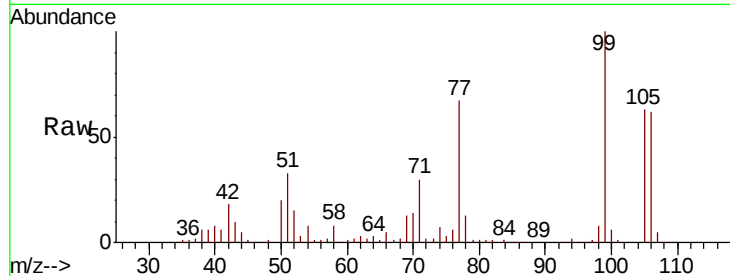
Tot Ion: 99 Resp: 201520

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 30.0 25.5 38.3



#8

2-Chlorophenol

Concen: 43.860 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

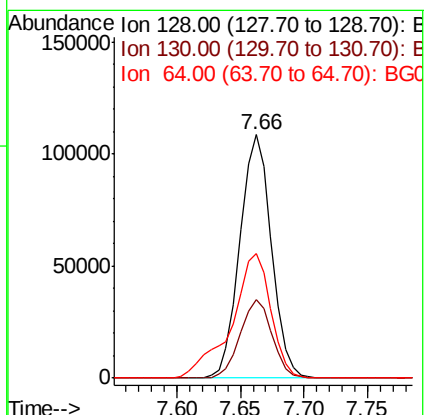
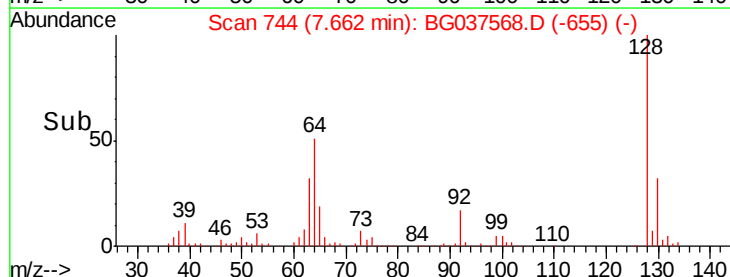
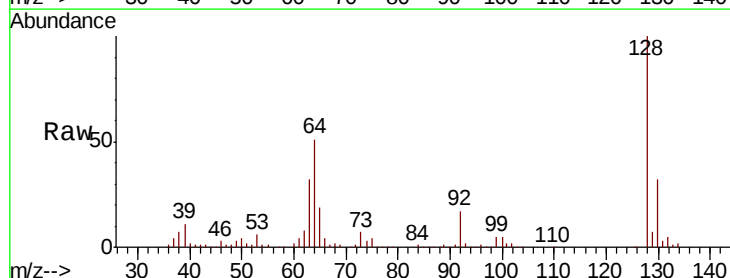
Tgt Ion: 128 Resp: 187639

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 51.1 32.9 72.9





#9

Benzaldehyde

Concen: 39.656 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

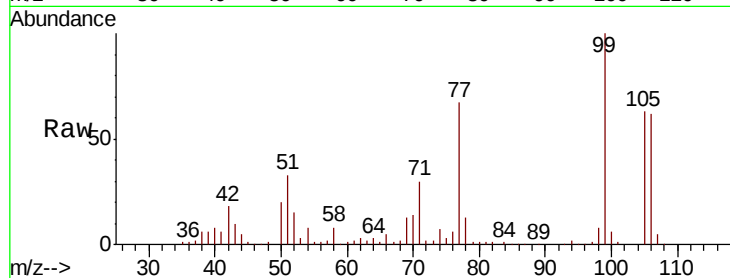
Tot Ion: 77 Resp: 137177

Ion Ratio Lower Upper

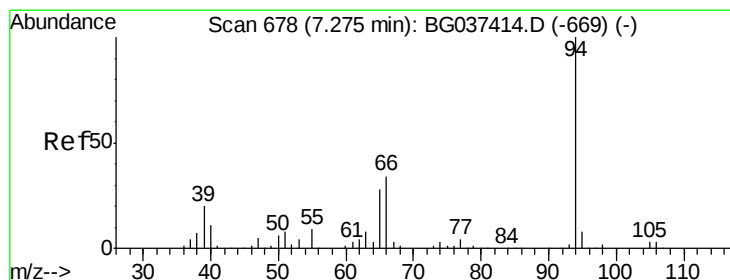
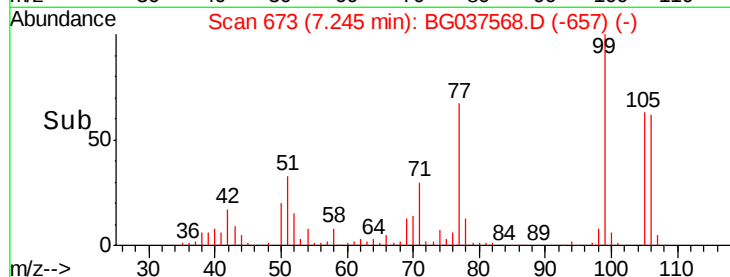
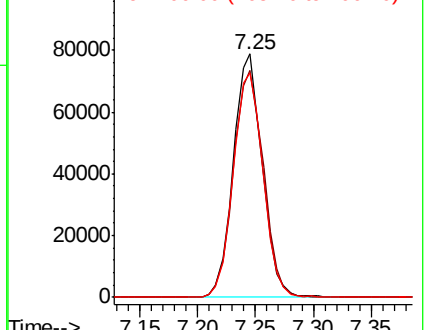
77 100

105 93.3 72.6 112.6

106 91.9 71.3 111.3



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



#10

Phenol

Concen: 16.158 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

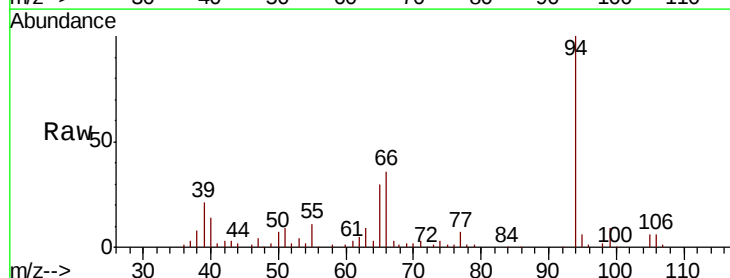
Tgt Ion: 94 Resp: 94274

Ion Ratio Lower Upper

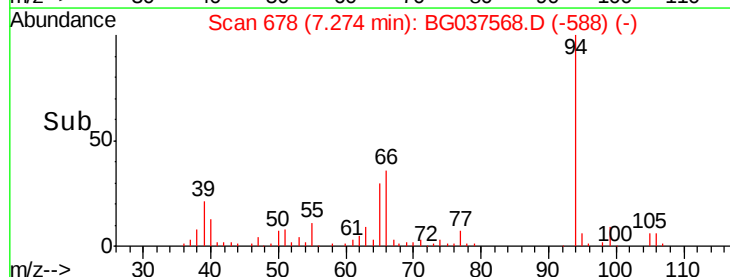
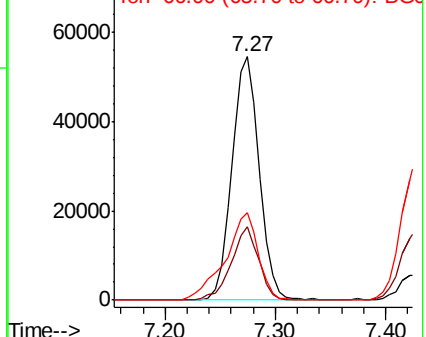
94 100

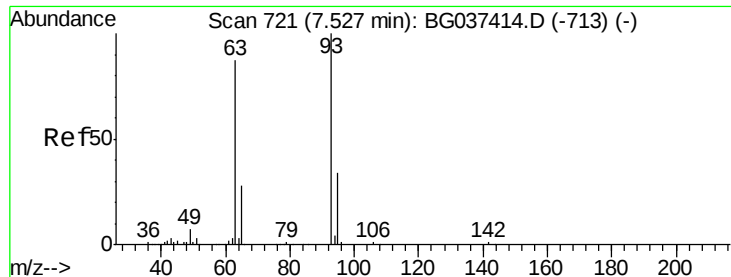
65 30.0 9.7 49.7

66 36.2 15.9 55.9



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

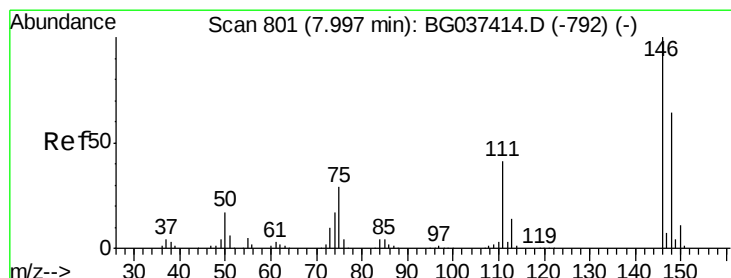
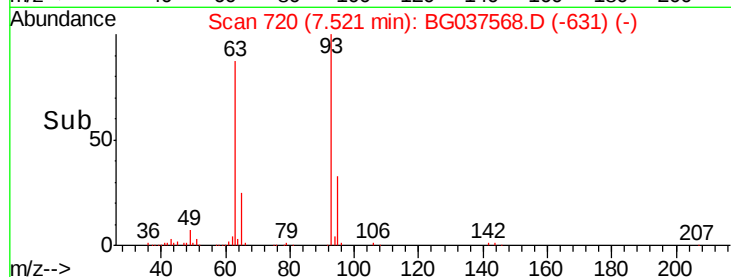
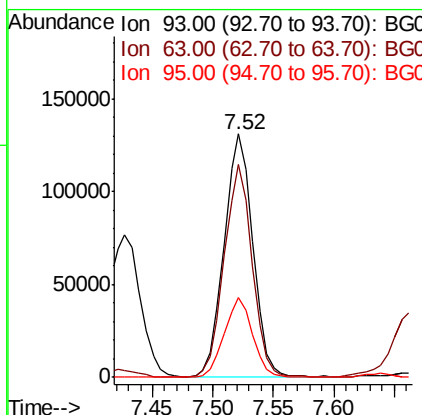
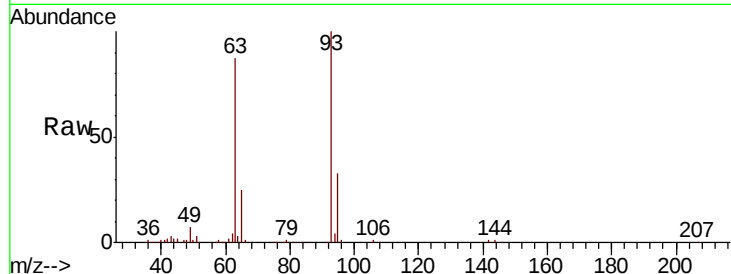




#11
 bis(2-Chloroethyl)ether
 Concen: 49.071 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

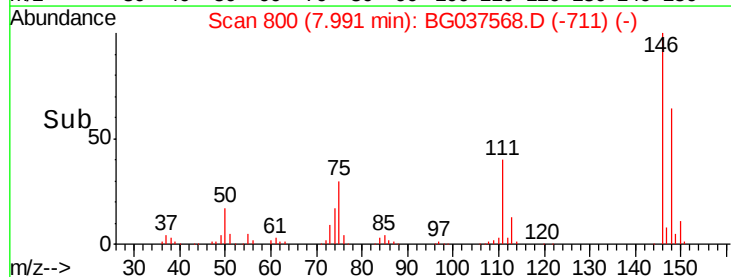
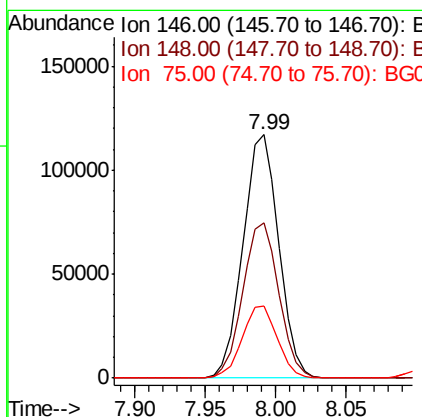
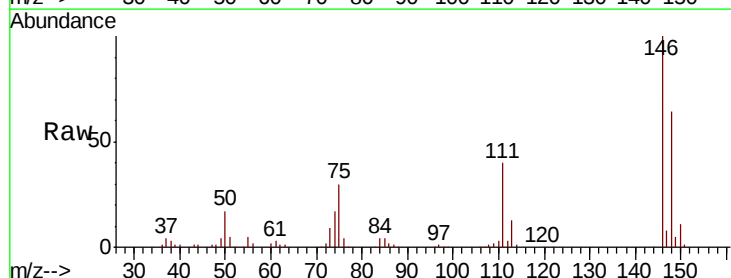
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

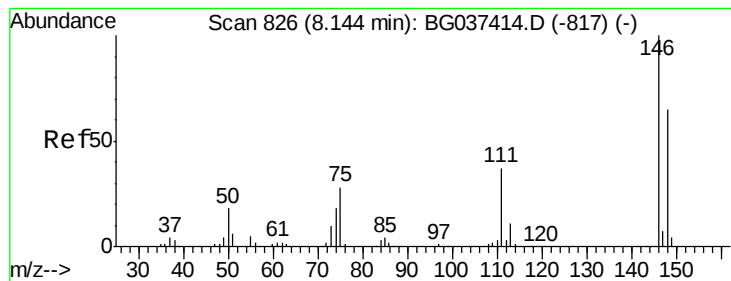
Tot Ion: 93 Resp: 217453
 Ion Ratio Lower Upper
 93 100
 63 87.4 69.5 109.5
 95 32.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 43.511 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion: 146 Resp: 207231
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.8 74.8
 75 29.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 43.613 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

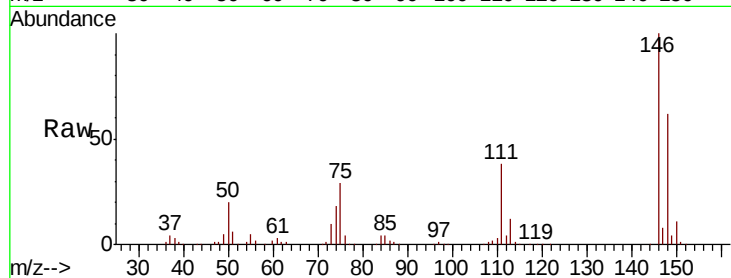
Tot Ion:146 Resp: 212478

Ion Ratio Lower Upper

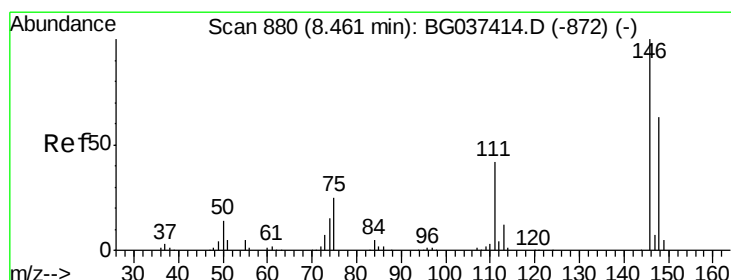
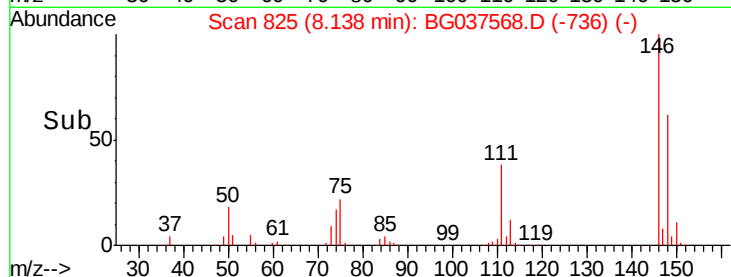
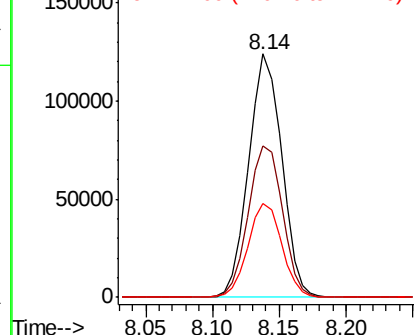
146 100

148 62.2 51.0 76.6

111 38.4 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: 44.754 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

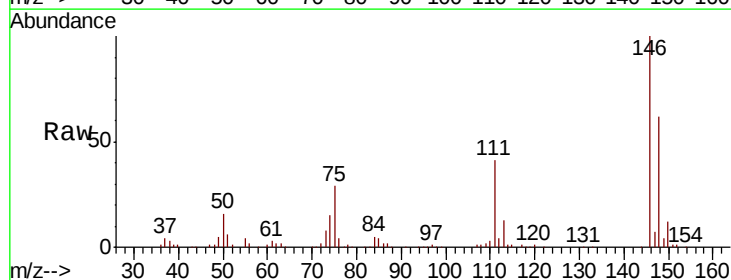
Tgt Ion:146 Resp: 209735

Ion Ratio Lower Upper

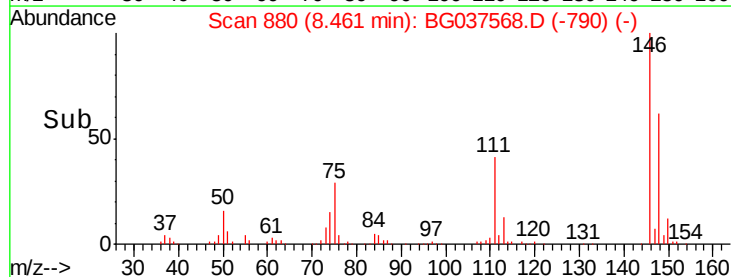
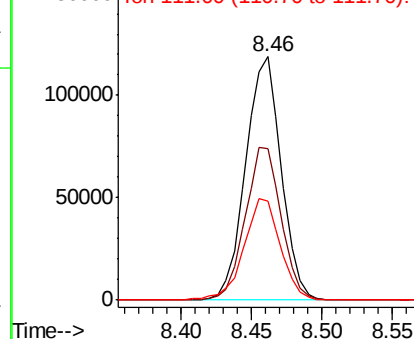
146 100

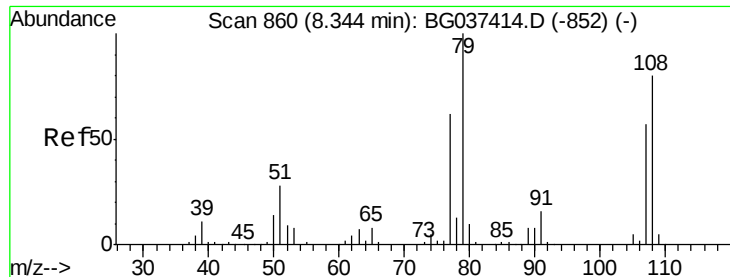
148 62.0 50.4 75.6

111 40.5 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: 30.503 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

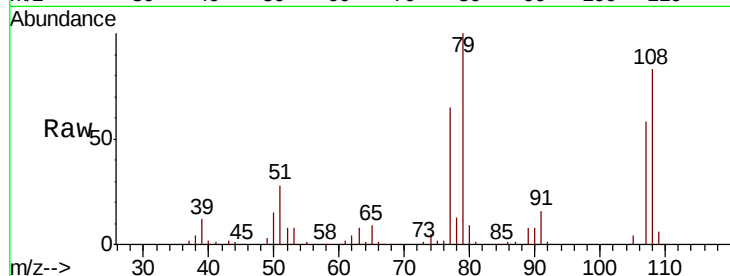
Tot Ion: 79 Resp: 124634

Ion Ratio Lower Upper

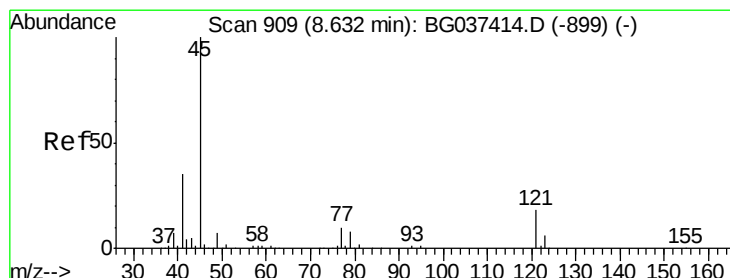
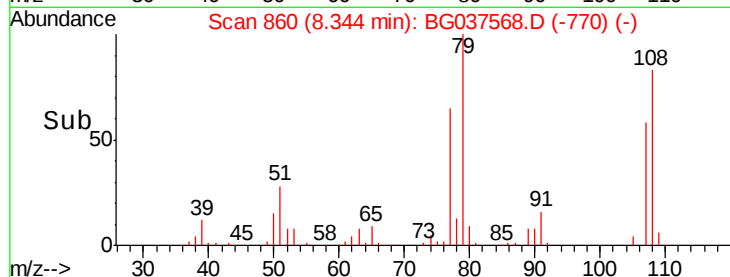
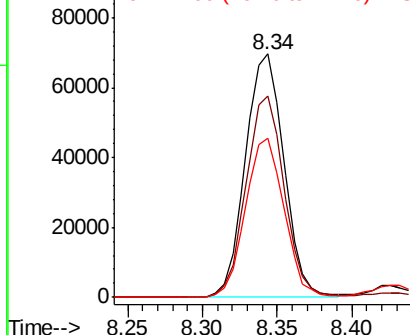
79 100

108 82.6 65.8 98.8

77 65.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.799 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

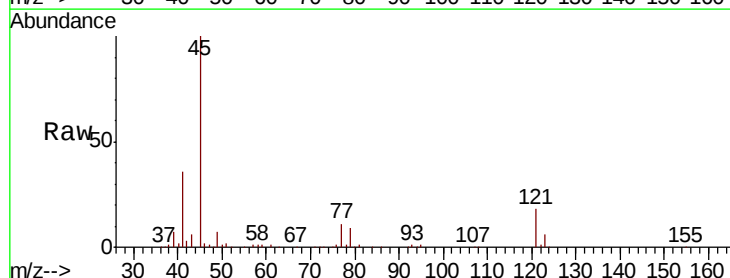
Tgt Ion: 45 Resp: 394858

Ion Ratio Lower Upper

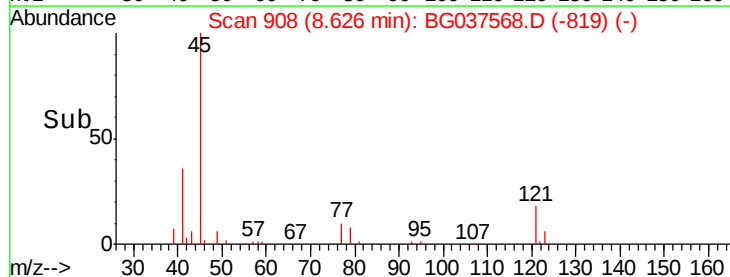
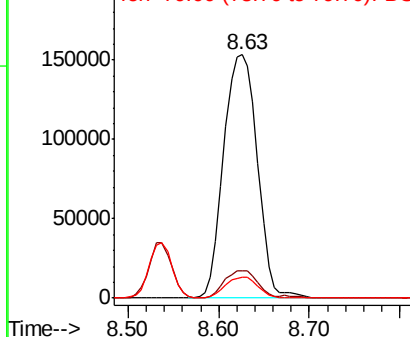
45 100

77 11.0 0.0 30.0

79 8.8 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

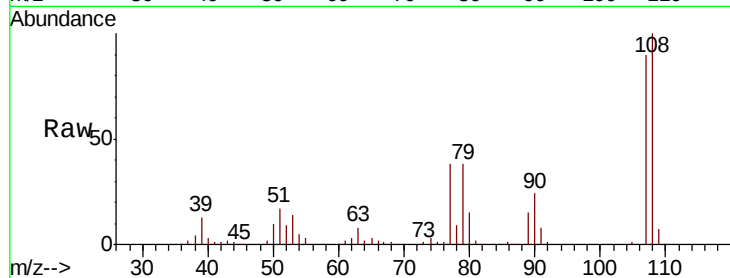




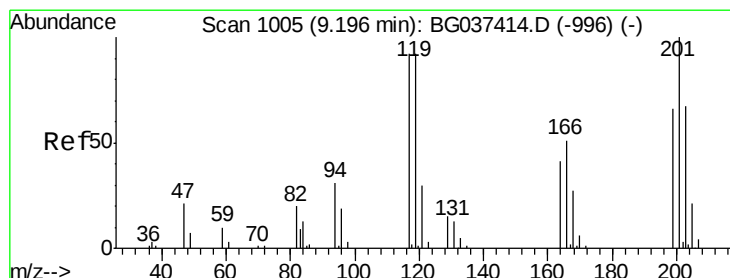
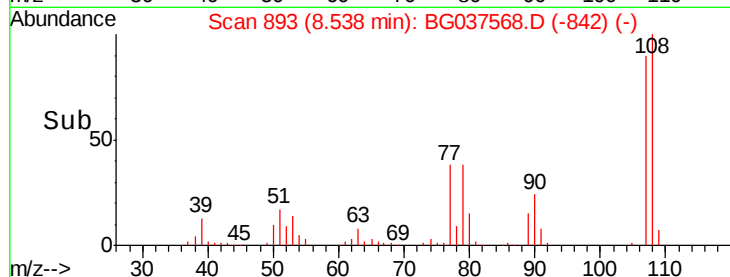
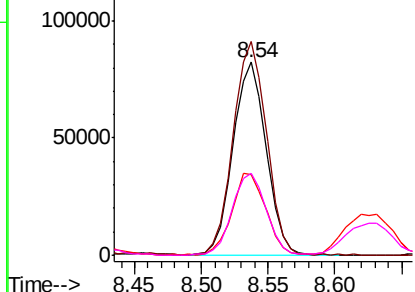
#17
2-Methylphenol
Concen: 37.004 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:	107	Resp:	142737
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	42.0	35.1	52.7
79	42.3	34.5	51.7

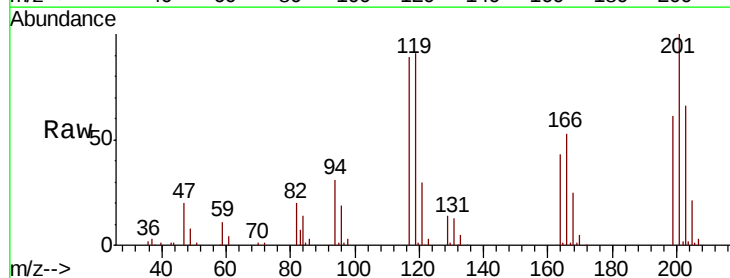


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

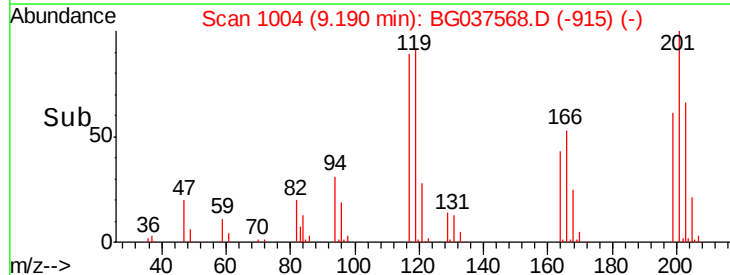
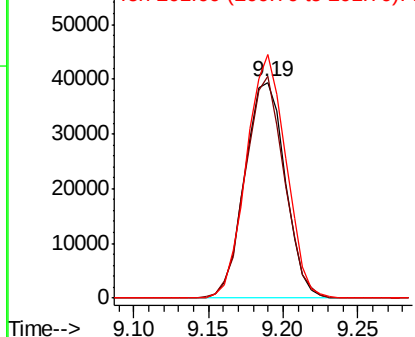


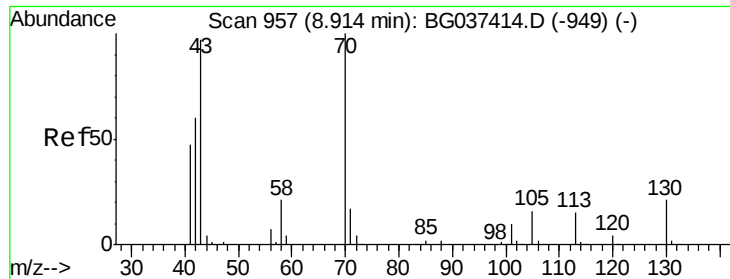
#18
Hexachloroethane
Concen: 44.438 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:	117	Resp:	73807
Ion	Ratio	Lower	Upper
117	100		
119	102.7	74.6	111.8
201	112.8	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

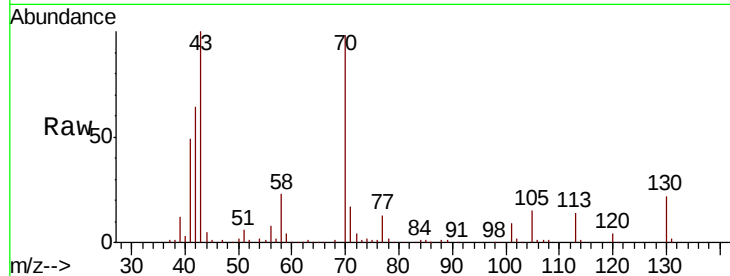




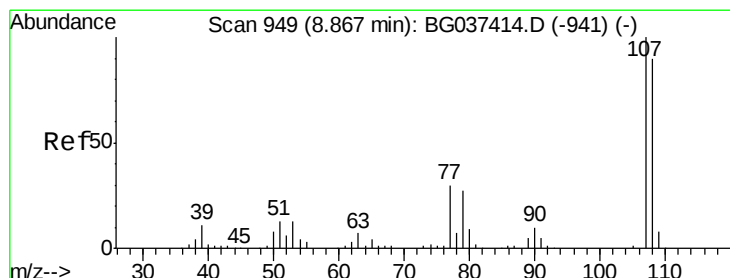
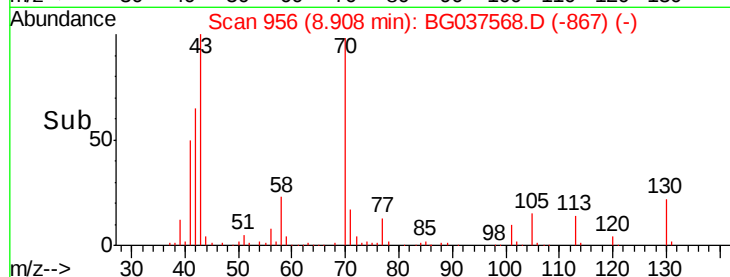
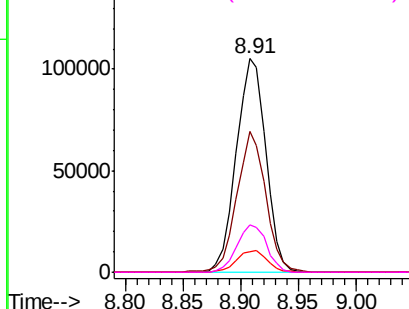
#19
n-Nitroso-di-n-propylamine
Concen: 48.949 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:	70	Resp:	186395
Ion	Ratio	Lower	Upper
70	100		
42	65.8	53.9	80.9
101	9.6	8.2	12.2
130	22.2	18.2	27.4

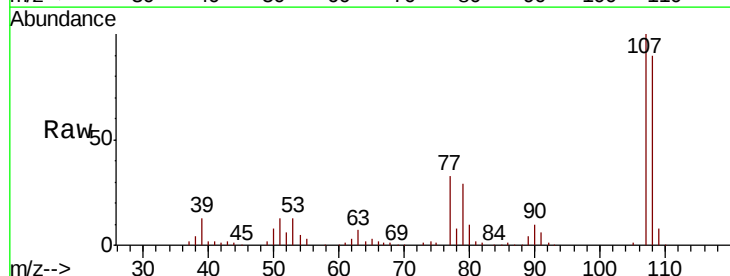


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

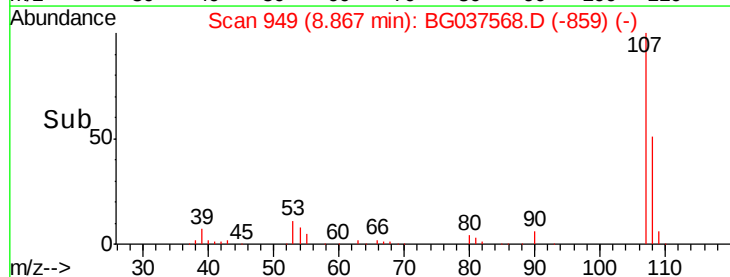
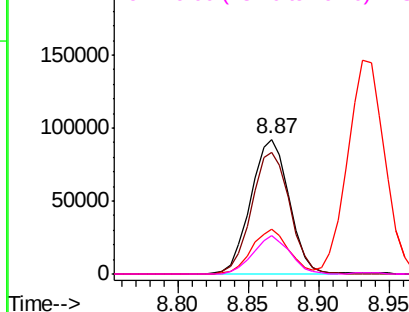


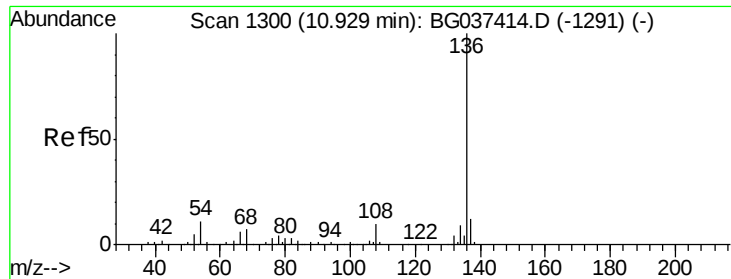
#20
3+4-Methylphenols
Concen: 31.906 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:	107	Resp:	175961
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	33.0	11.2	51.2
79	28.6	6.6	46.6



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

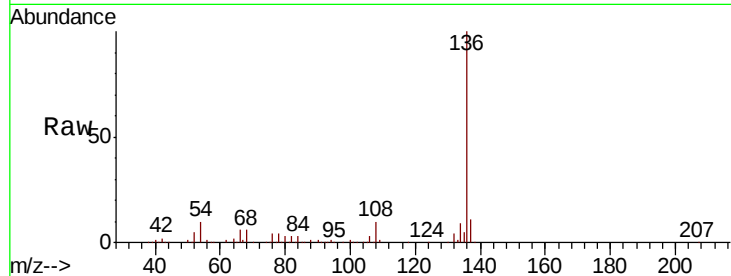




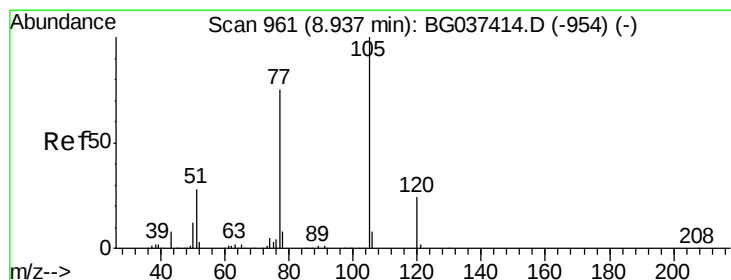
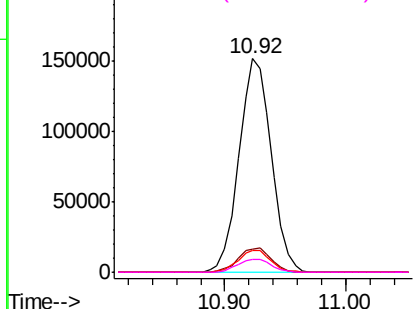
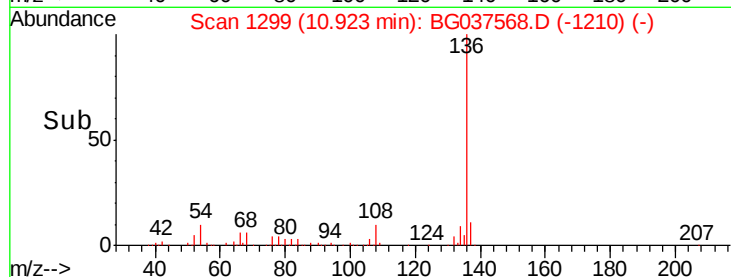
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:136	Resp:	281426
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.6 14.4
54	10.3	7.9 11.9
68	6.3	4.8 7.2

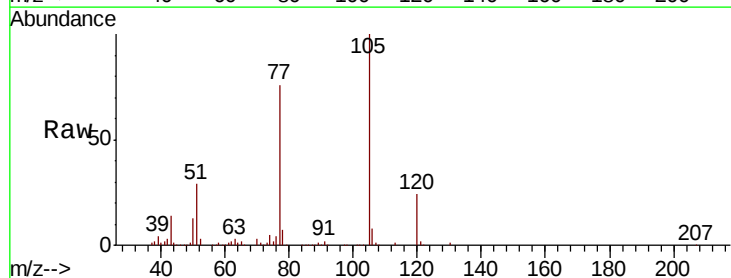


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

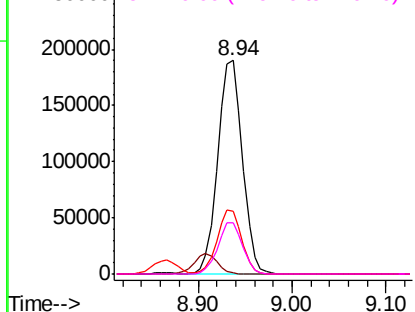
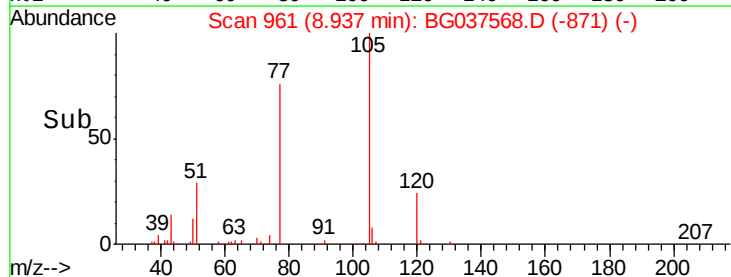


#22
Acetophenone
Concen: 49.341 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:105	Resp:	348253
Ion Ratio	Lower	Upper
105	100	
71	0.6	1.2 1.8#
51	29.1	25.0 37.6
120	24.1	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

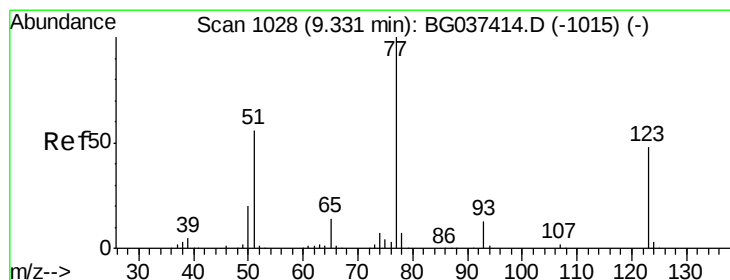
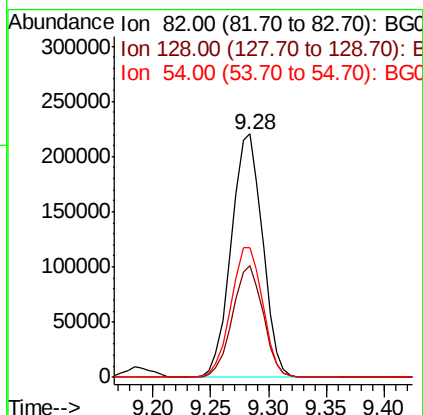
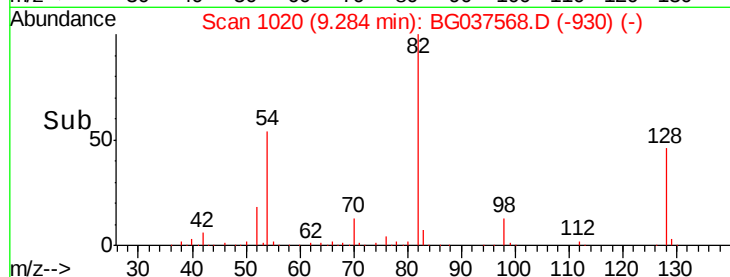
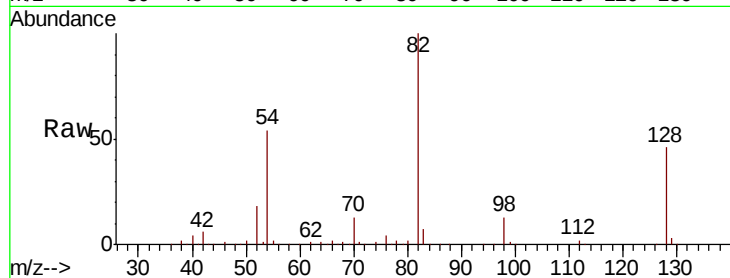




#23
 Nitrobenzene-d5
 Concen: 82.485 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

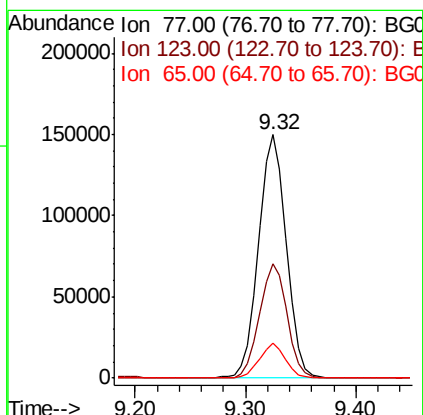
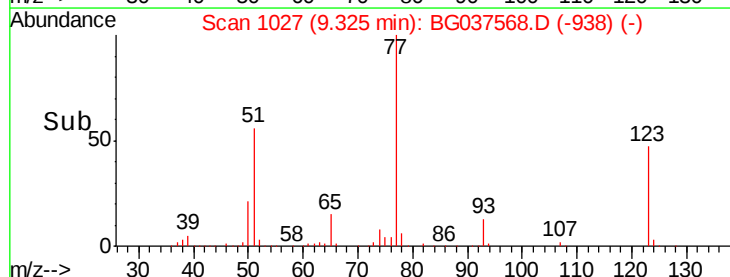
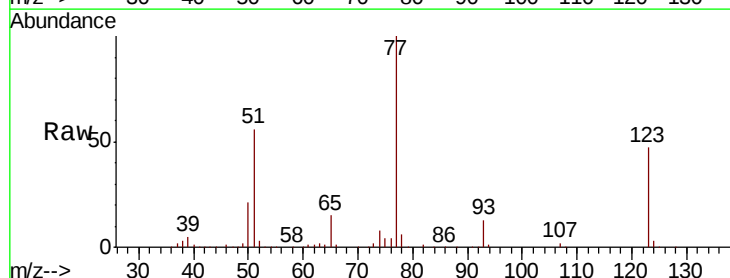
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

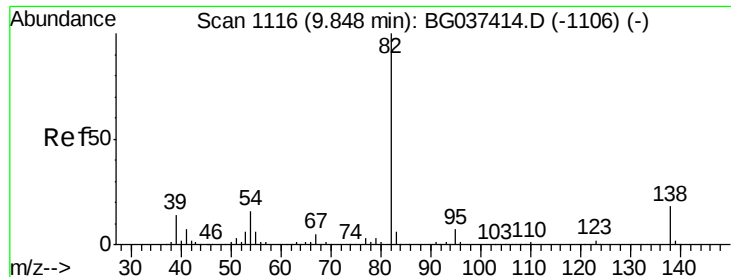
Tot Ion: 82 Resp: 414385
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 51.8
 54 53.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 50.657 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion: 77 Resp: 264376
 Ion Ratio Lower Upper
 77 100
 123 47.0 33.6 50.4
 65 14.6 11.3 16.9





#25

Isophorone

Concen: 58.491 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

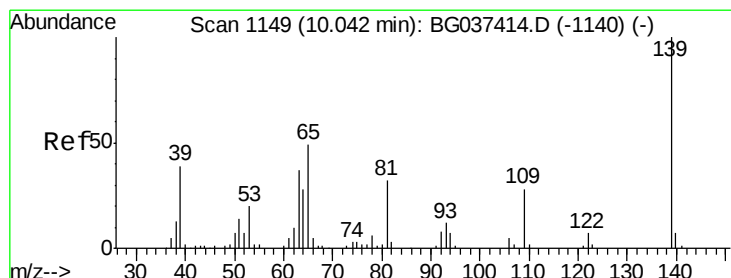
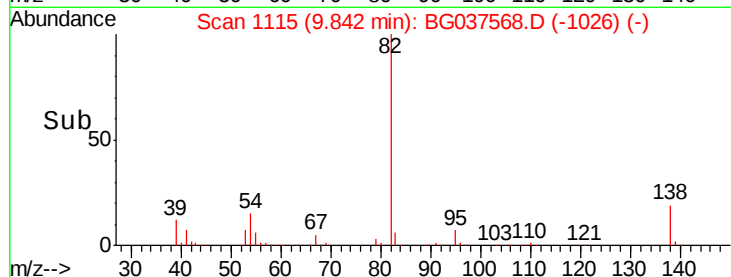
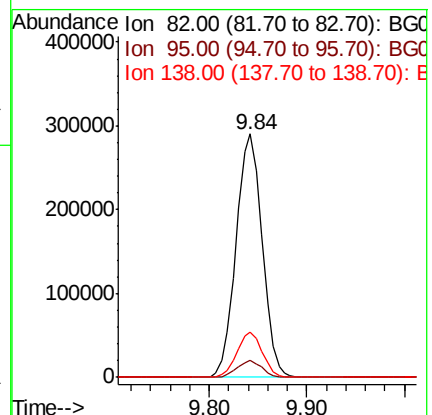
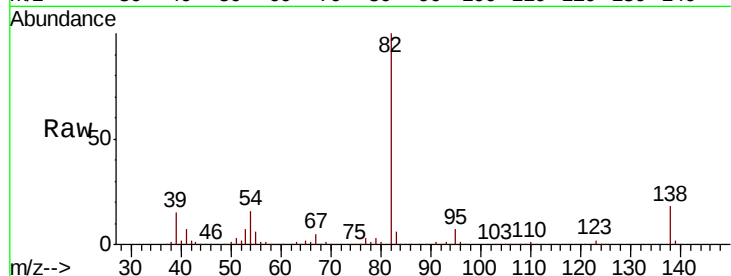
Tot Ion: 82 Resp: 536906

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.4 13.3 19.9



#26

2-Nitrophenol

Concen: 54.917 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

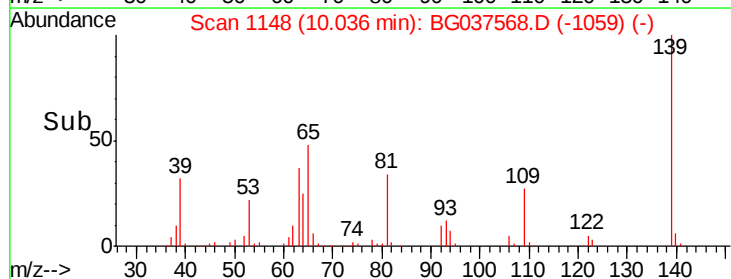
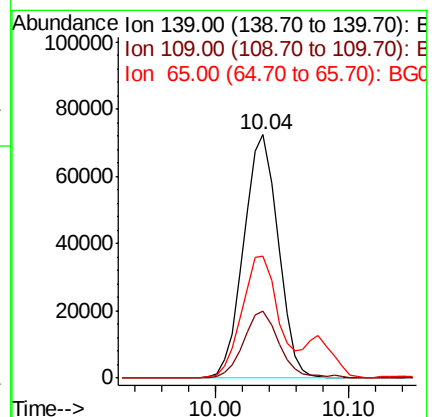
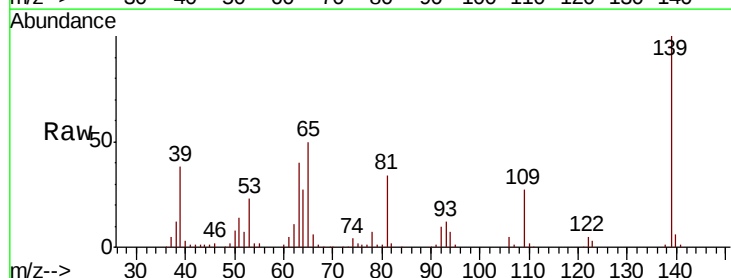
Tgt Ion: 139 Resp: 129115

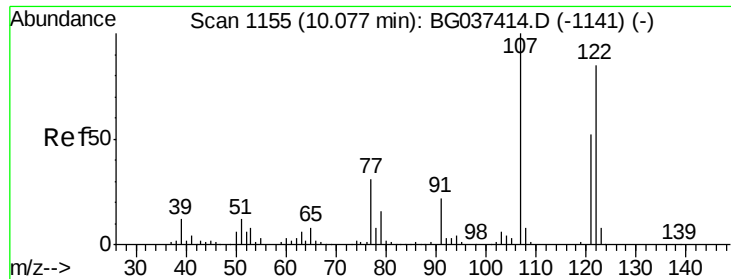
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 50.2 39.8 59.8

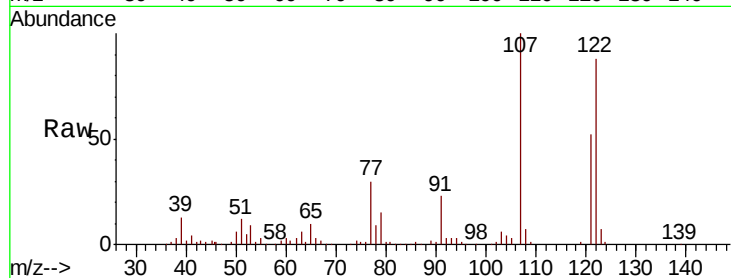




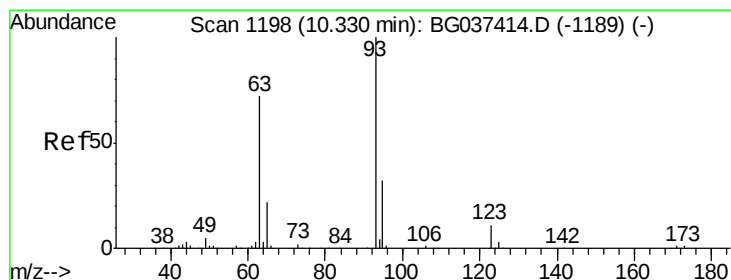
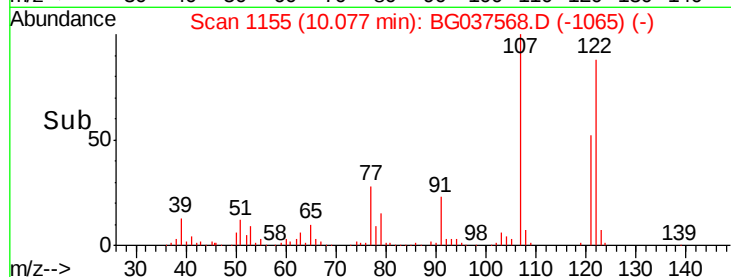
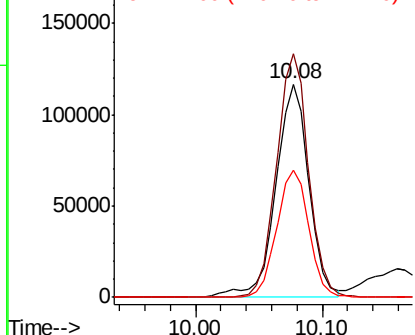
#27
 2,4-Dimethylphenol
 Concen: 50.366 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion:122 Resp: 211427
 Ion Ratio Lower Upper
 122 100
 107 114.2 94.2 141.2
 121 59.4 47.3 70.9

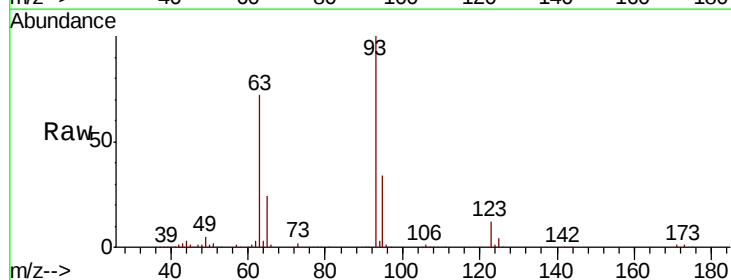


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

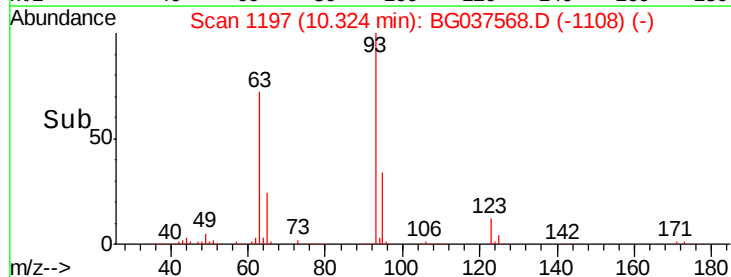
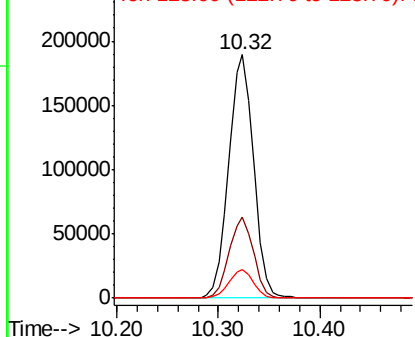


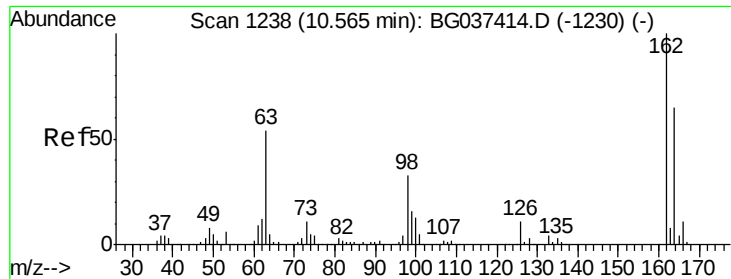
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.282 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion: 93 Resp: 320441
 Ion Ratio Lower Upper
 93 100
 95 33.5 24.6 37.0
 123 11.7 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

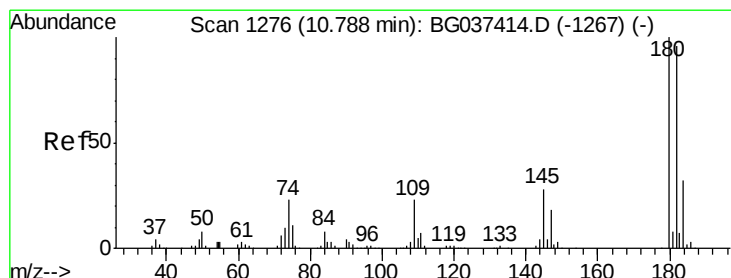
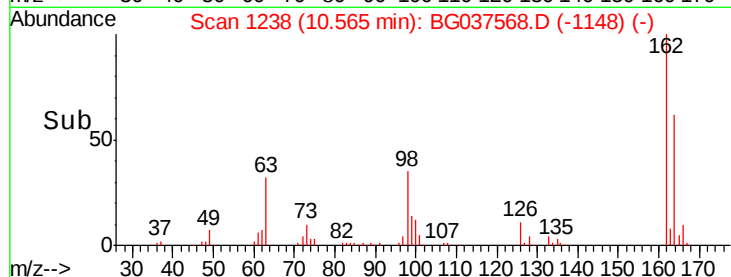
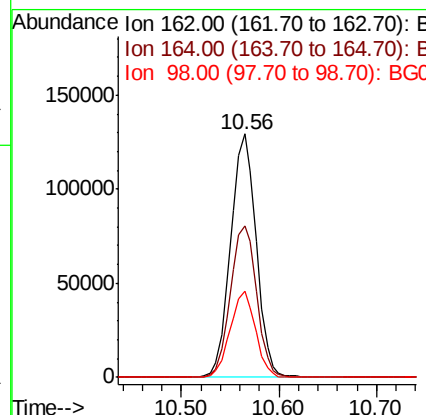
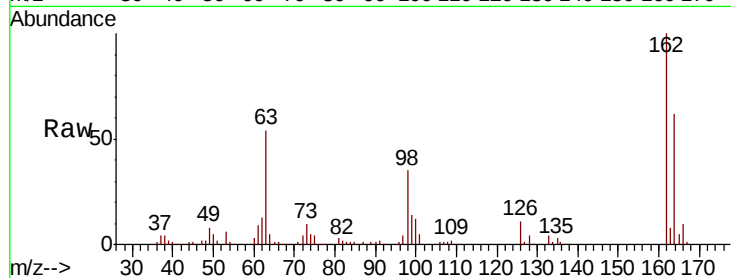




#29
 2,4-Dichlorophenol
 Concen: 50.270 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

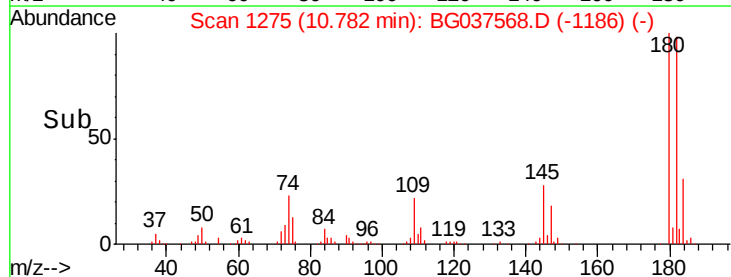
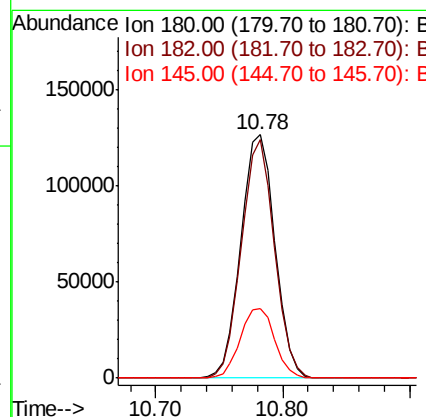
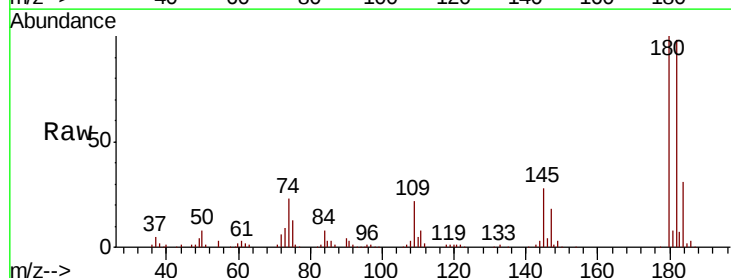
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

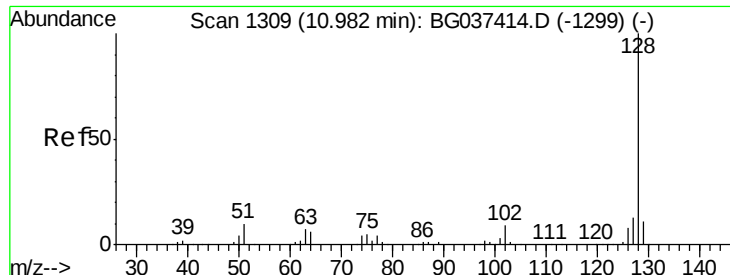
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.2	83.2
98	35.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.441 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.7	116.5
145	28.5	23.3	34.9

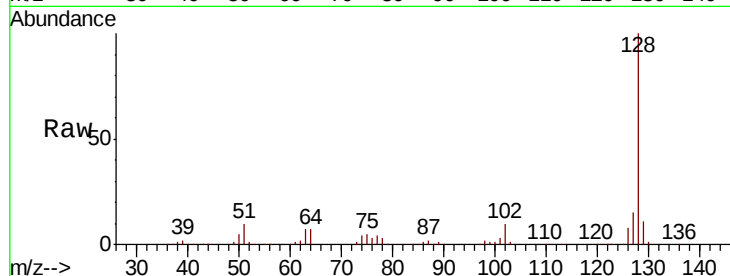




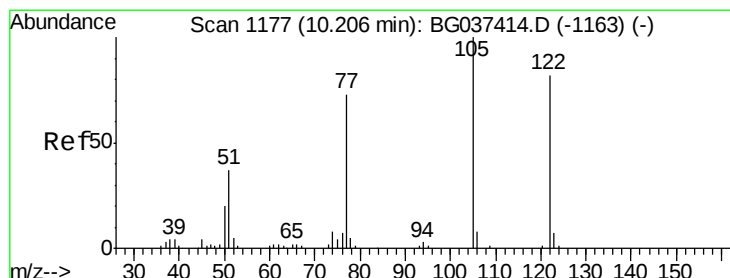
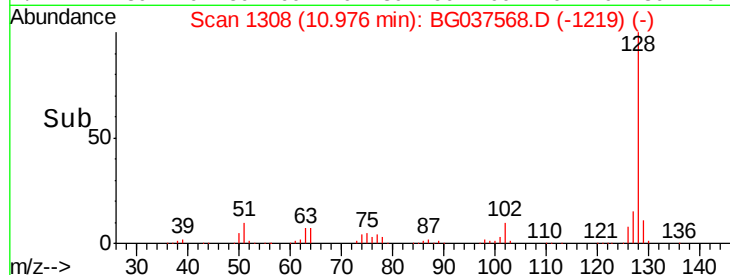
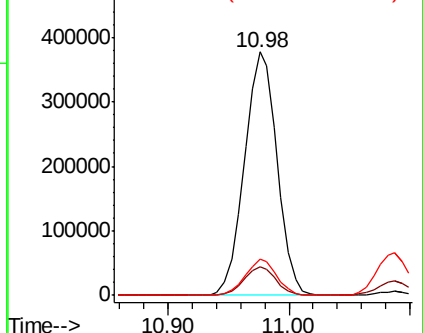
#31
Naphthalene
Concen: 51.198 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:128 Resp: 707712
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.8 11.1 16.7

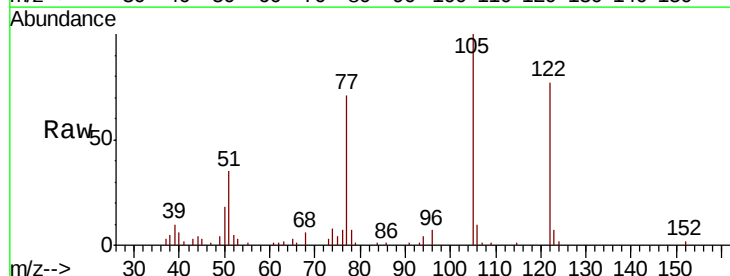


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

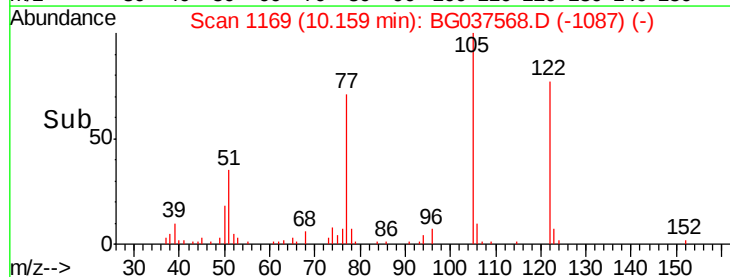
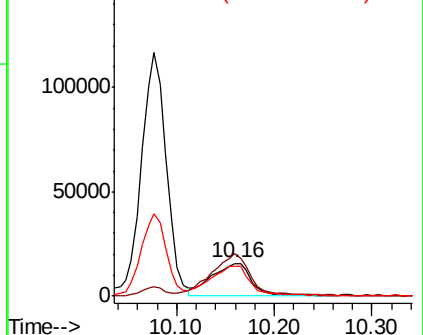


#32
Benzoic acid
Concen: 16.159 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:122 Resp: 44058
Ion Ratio Lower Upper
122 100
105 130.7 106.7 146.7
77 92.4 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): BG

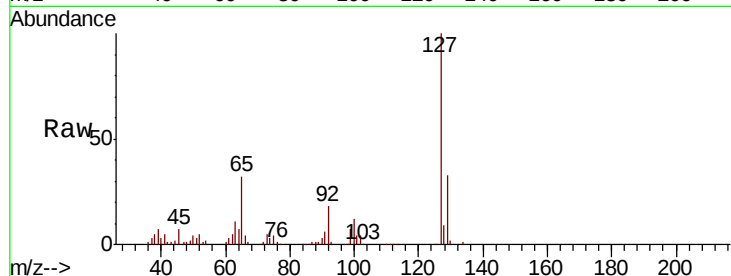




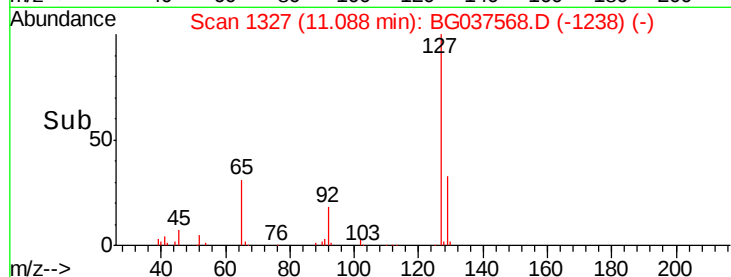
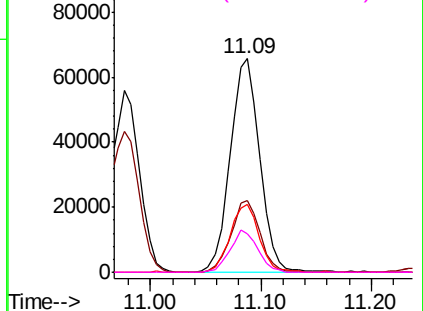
#33
4-Chloroaniline
Concen: 18.965 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:	127	Resp:	123175
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.1	40.7
65	32.0	26.6	39.8
92	18.0	16.4	24.6

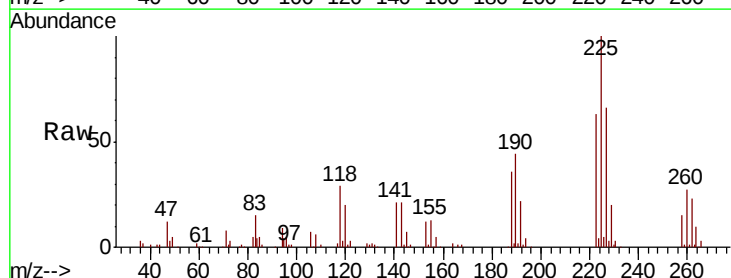


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

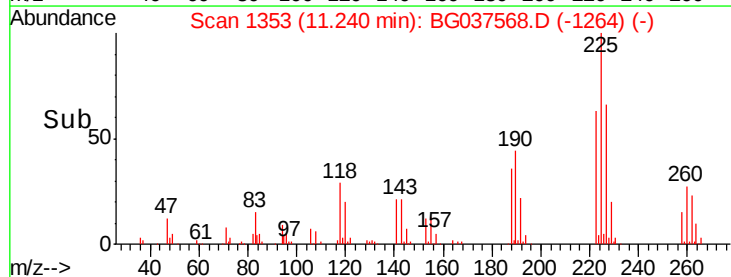
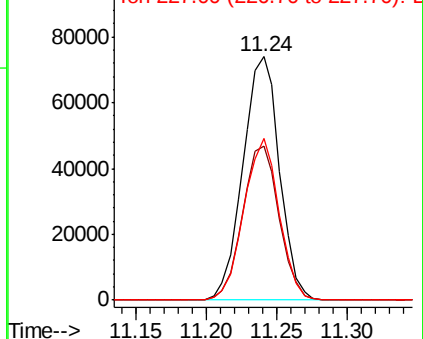


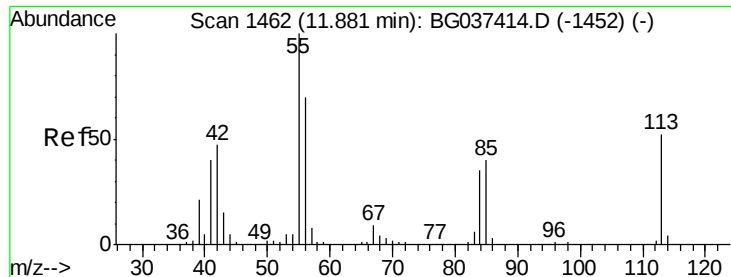
#34
Hexachlorobutadiene
Concen: 44.574 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:	225	Resp:	134274
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.2	72.4
227	65.9	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: 5.120 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

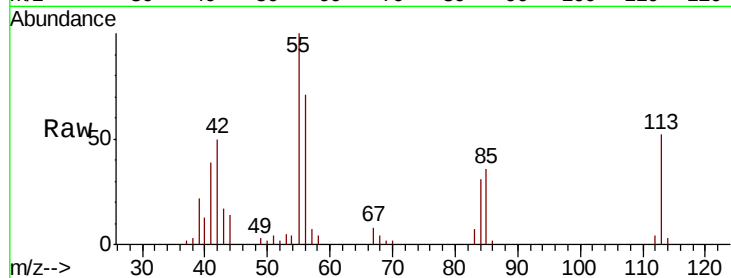
Tot Ion:113 Resp: 9597

Ion Ratio Lower Upper

113 100

55 192.2 176.6 216.6

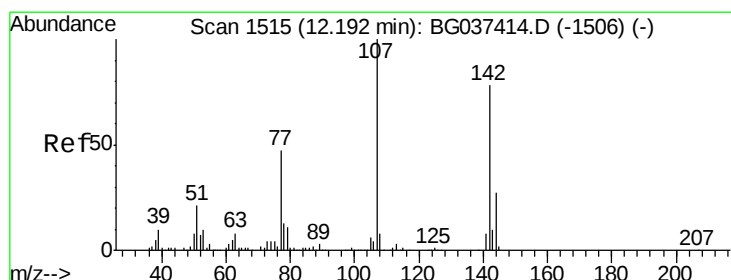
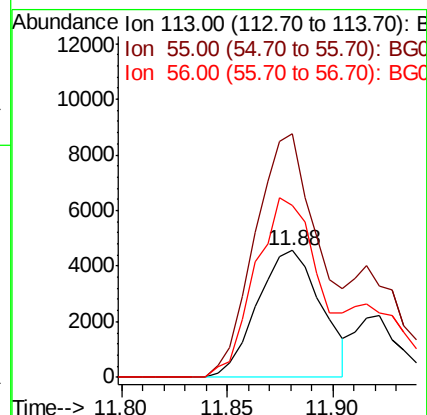
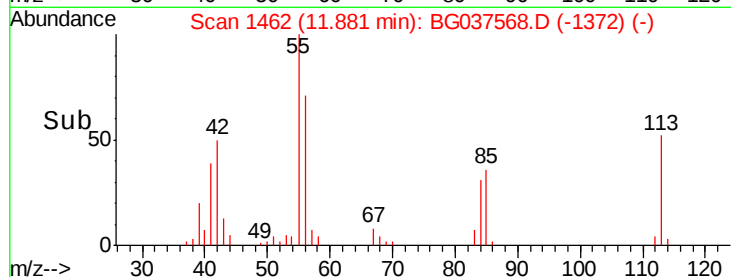
56 135.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.201 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

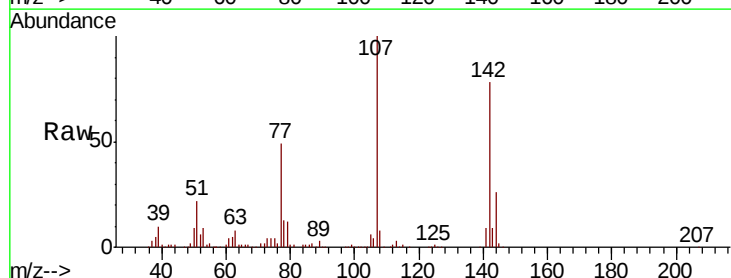
Tgt Ion:107 Resp: 248800

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

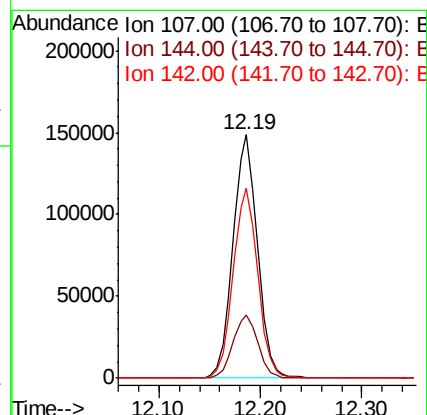
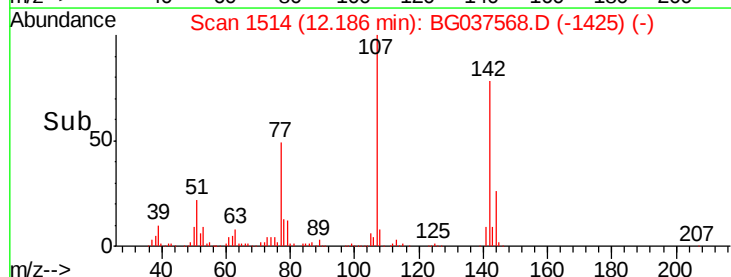
142 78.1 64.4 96.6

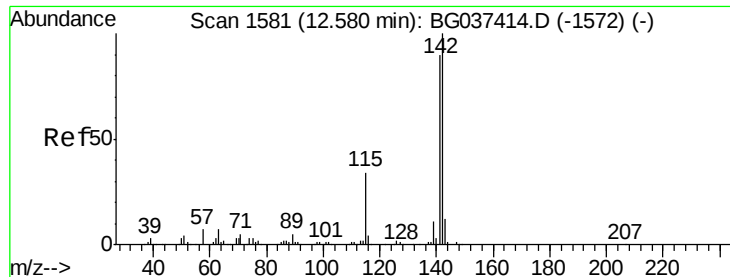


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

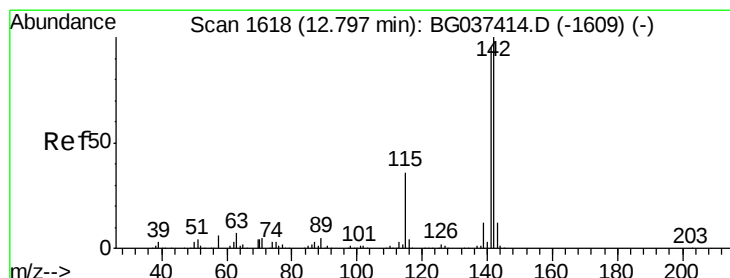
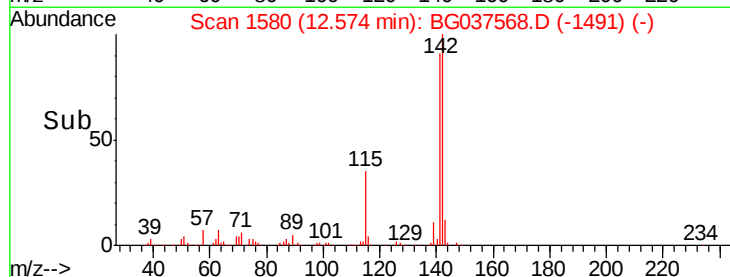
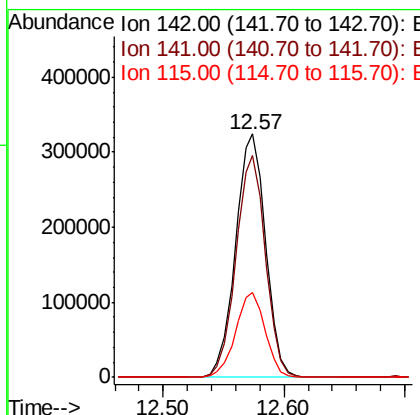
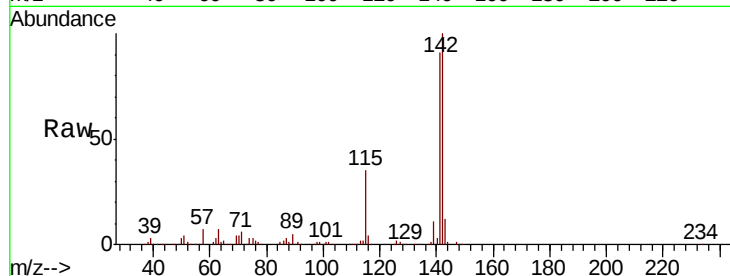




#37
2-Methylnaphthalene
Concen: 55.501 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

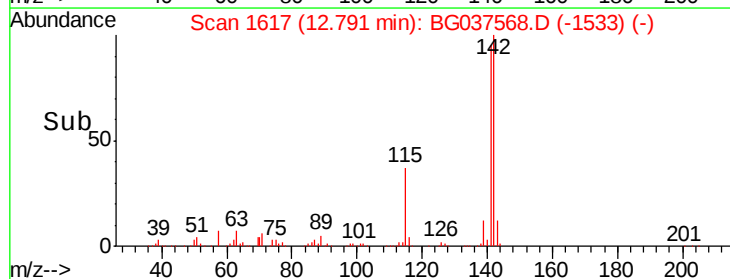
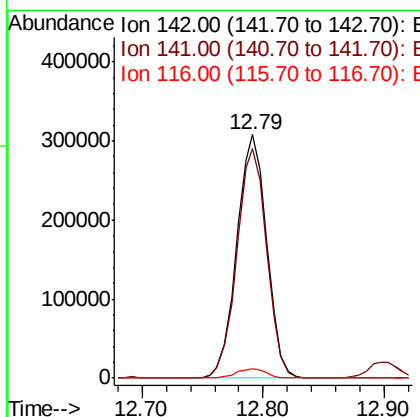
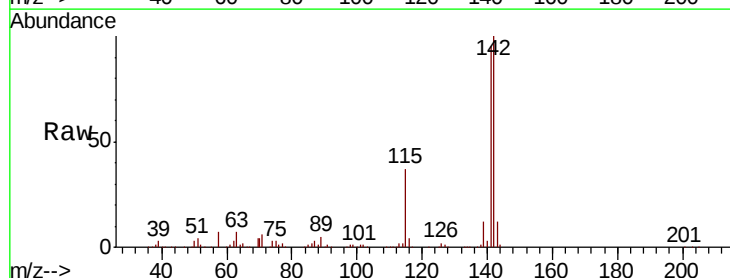
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

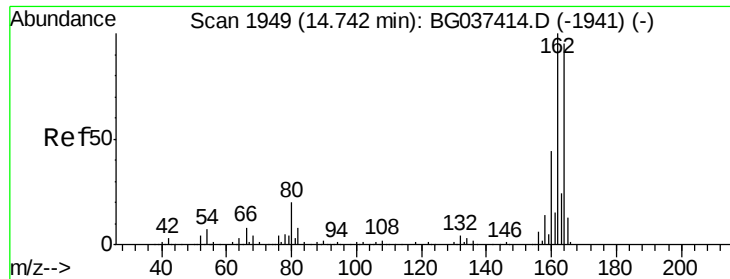
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	34.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 54.057 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

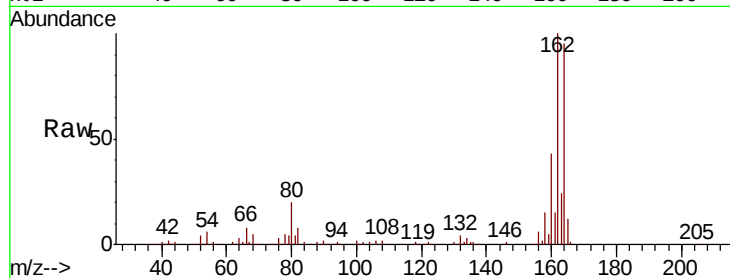
Tot Ion:164 Resp: 184553

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

160 45.3 36.3 54.5

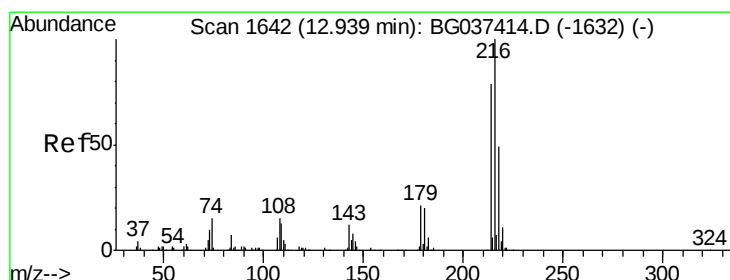
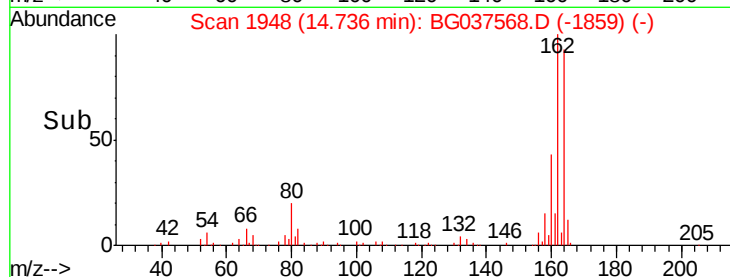
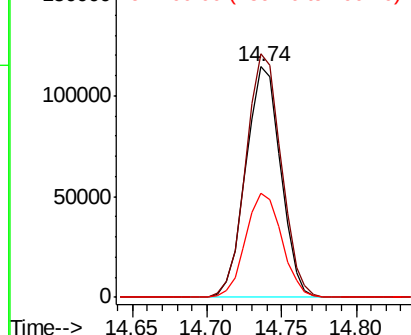


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.597 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Tgt Ion:216 Resp: 283335

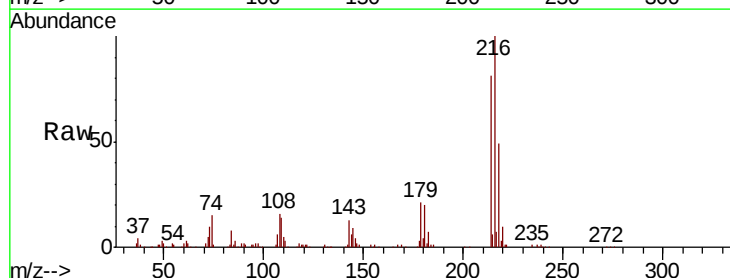
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 21.4 17.4 26.0

108 19.0 13.9 20.9



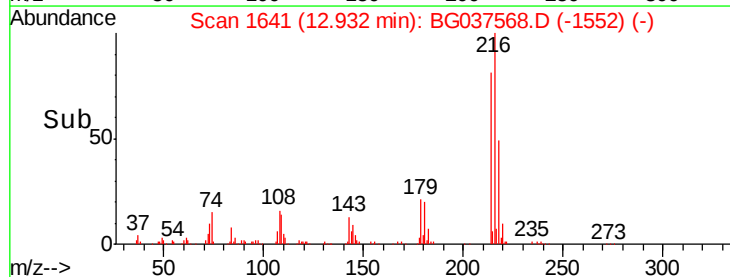
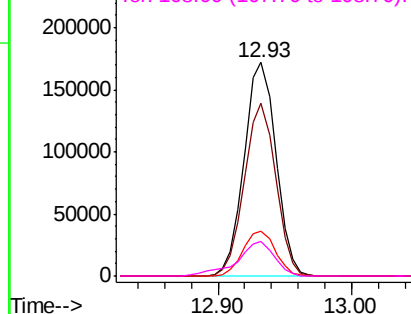
Abundance

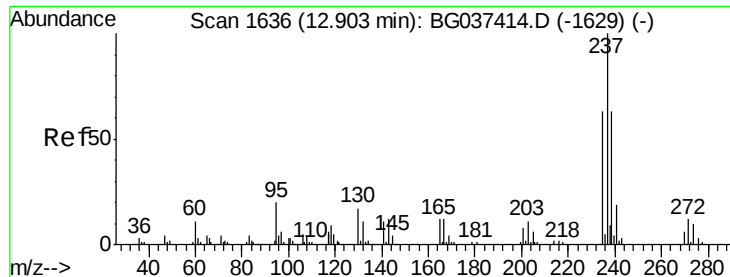
Ion 216.00 (215.70 to 216.70): E

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: 106.456 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

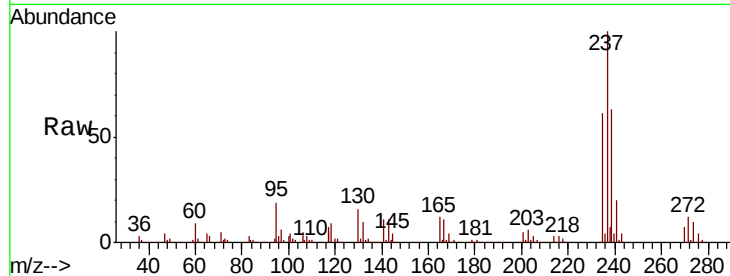
Tot Ion:237 Resp: 302708

Ion Ratio Lower Upper

237 100

235 61.2 42.5 82.5

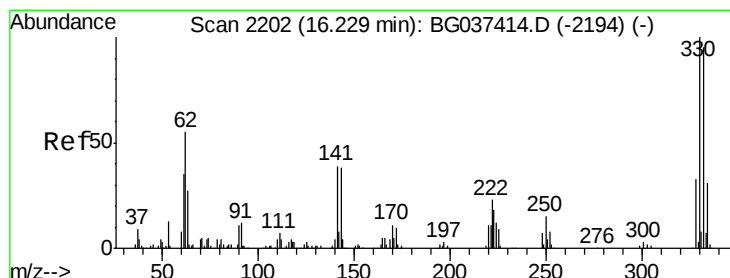
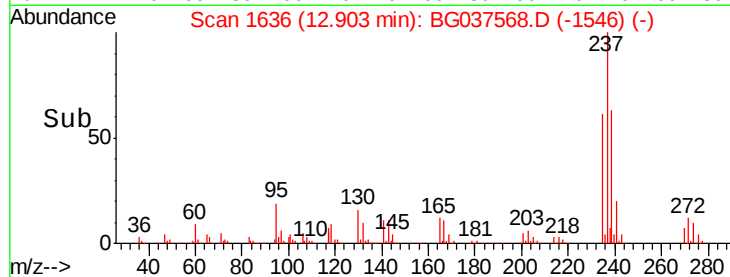
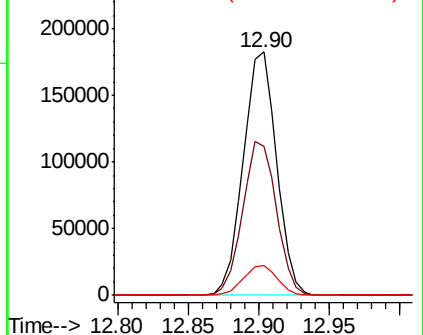
272 12.4 0.0 31.6



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: 125.797 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

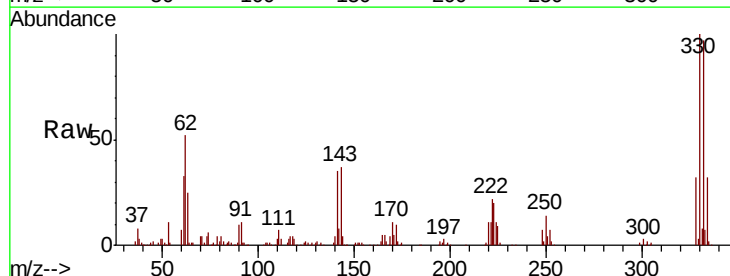
Tgt Ion:330 Resp: 253216

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

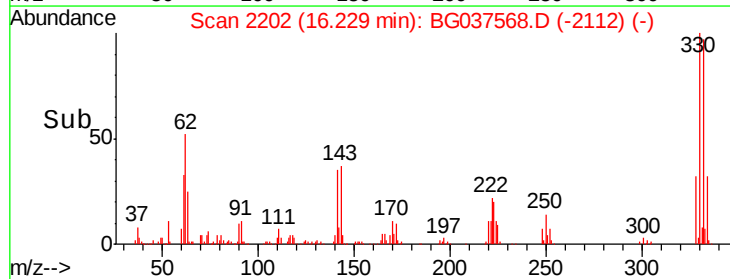
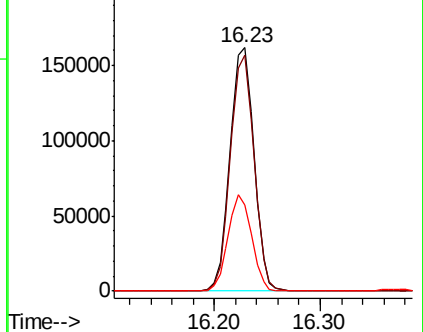
141 39.1 32.2 48.2

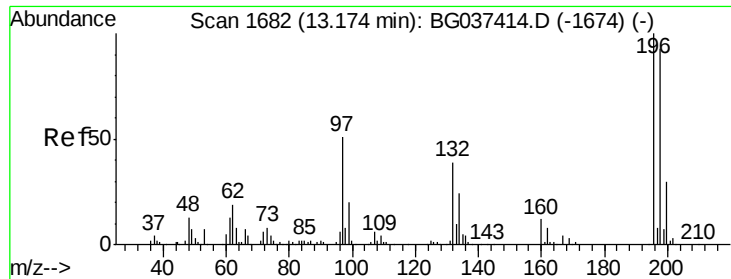


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

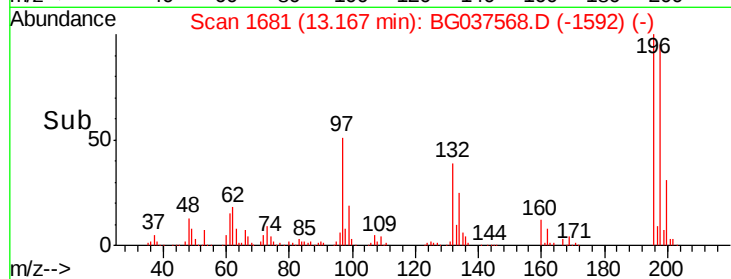
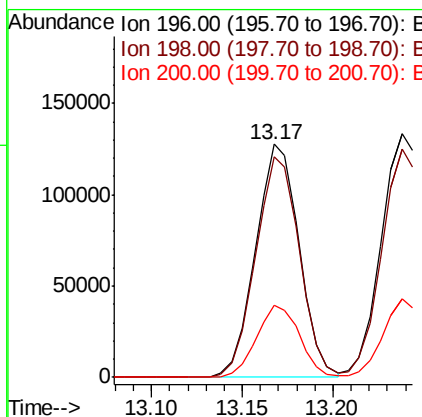
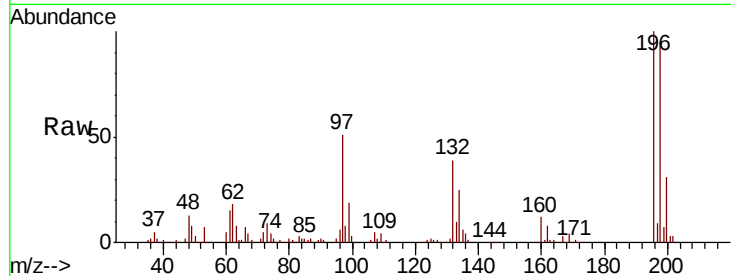




#43
 2,4,6-Trichlorophenol
 Concen: 53.343 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

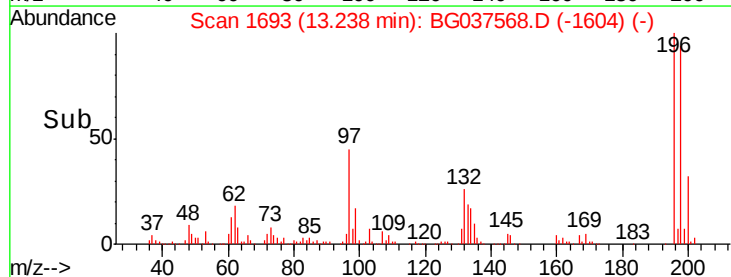
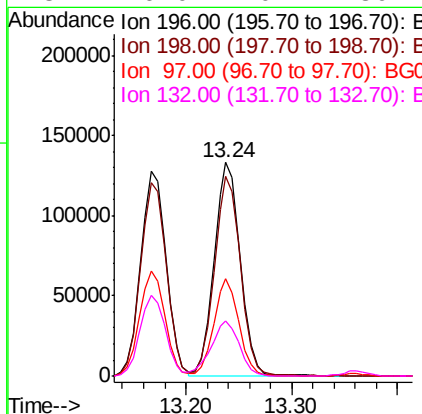
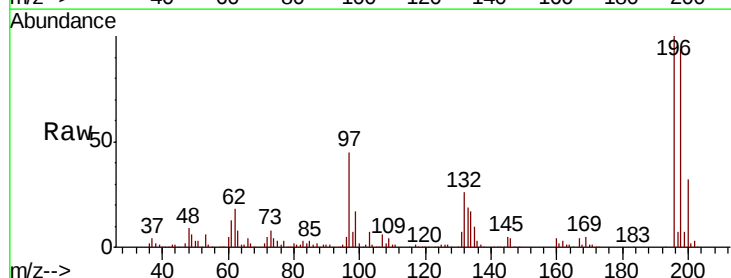
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion:196 Resp: 212144
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 52.954 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion:196 Resp: 229291
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.2 111.2
 97 45.4 34.1 51.1
 132 26.0 20.2 30.4

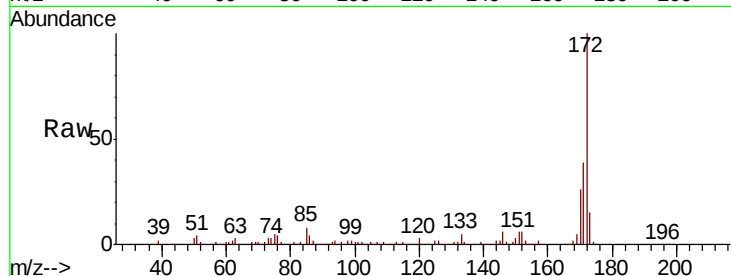




#45
 2-Fluorobiphenyl
 Concen: 78.626 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.0	20.2	30.2

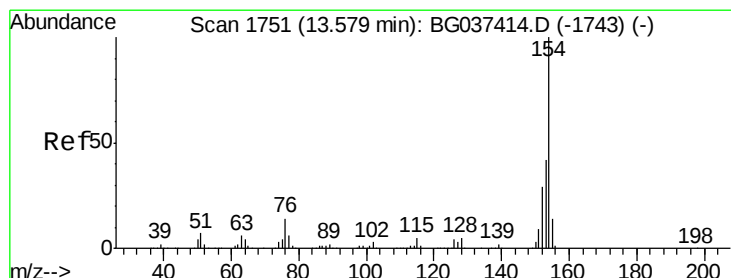
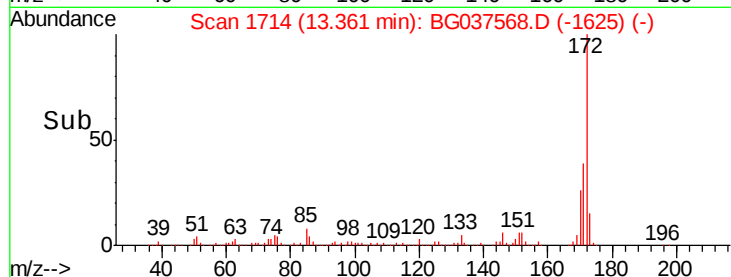
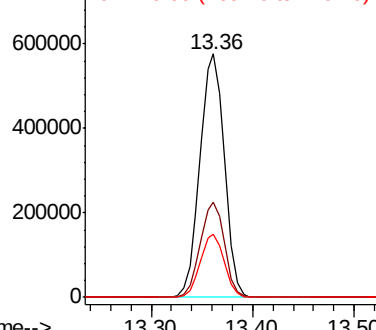


Abundance

Ion 172.00 (171.70 to 172.70): E

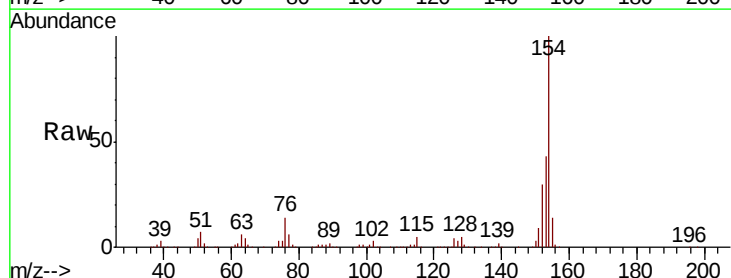
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 47.142 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	13.7	0.0	33.2

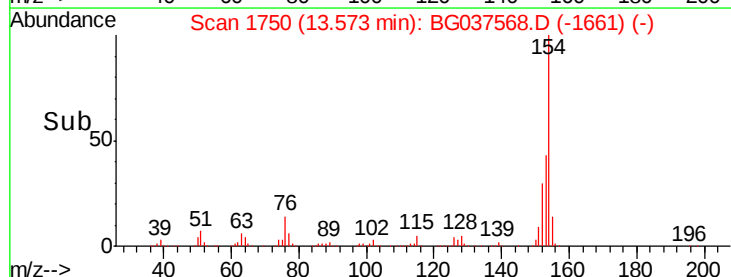
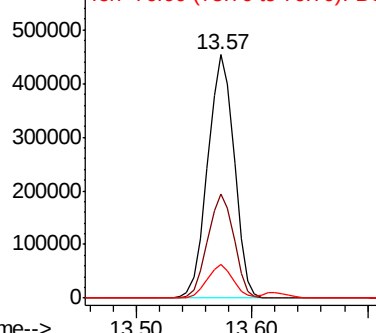


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

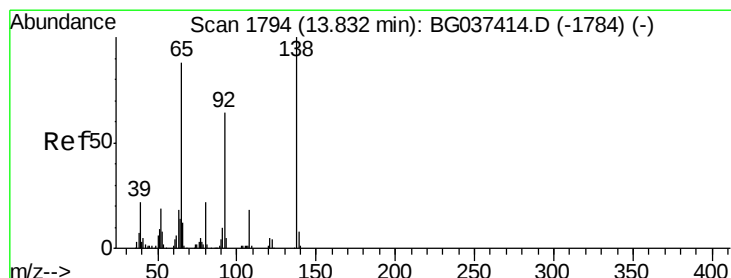
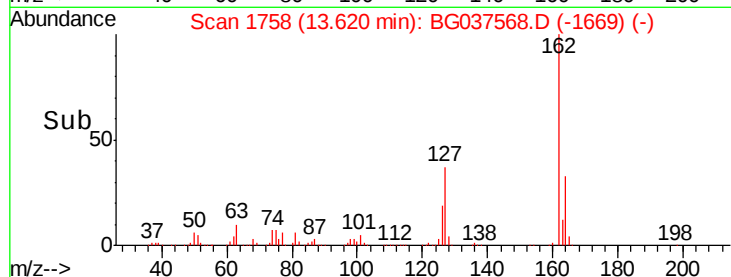
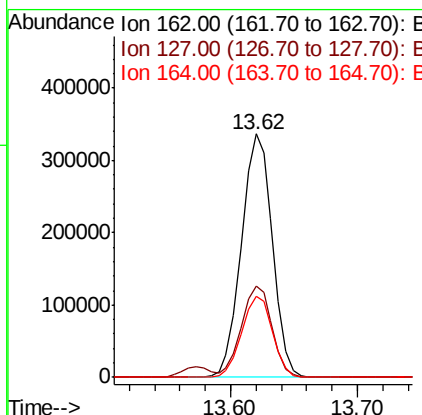
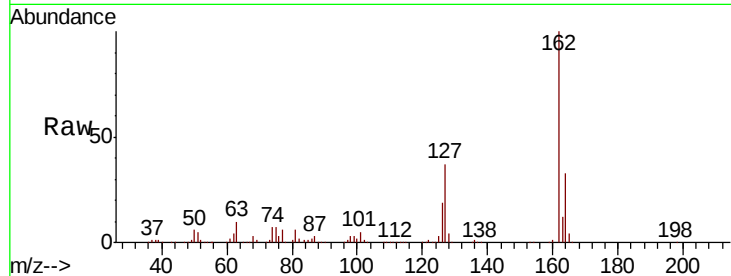




#47
 2-Chloronaphthalene
 Concen: 49.131 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

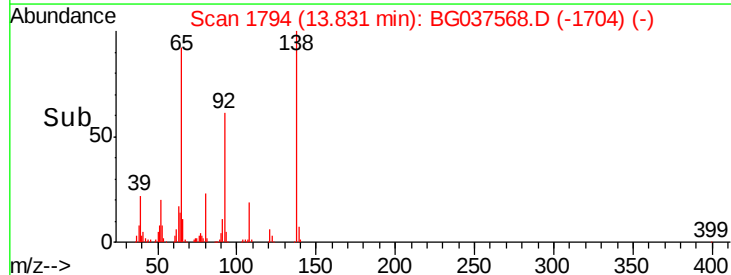
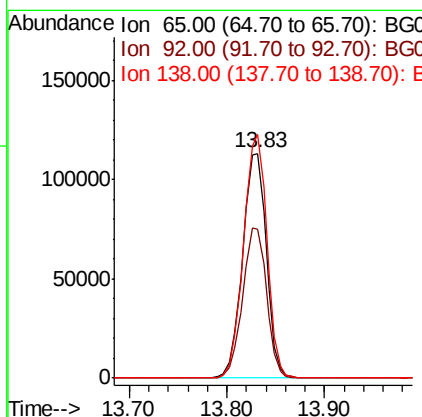
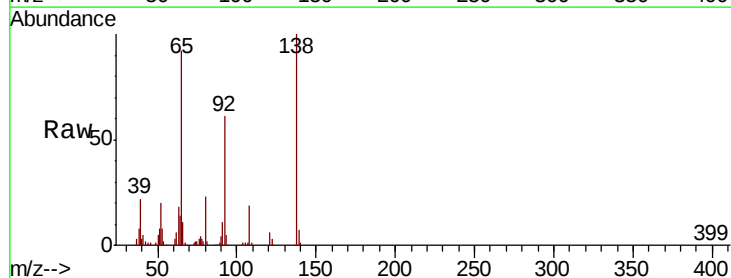
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

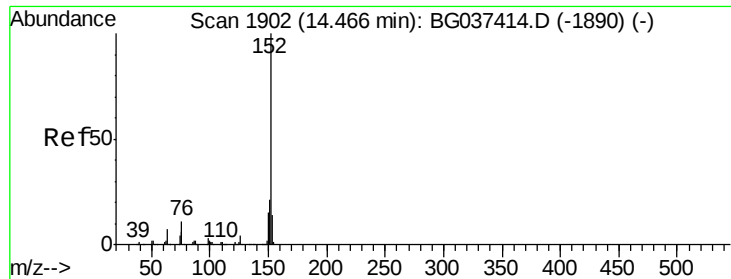
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.5	45.7
164	33.3	26.4	39.6



#48
 2-Nitroaniline
 Concen: 55.279 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.2	79.8
138	108.3	79.3	118.9





#49

Acenaphthylene

Concen: 54.290 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

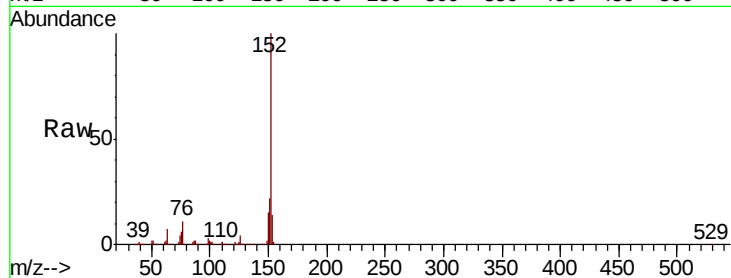
Tot Ion:152 Resp: 944331

Ion Ratio Lower Upper

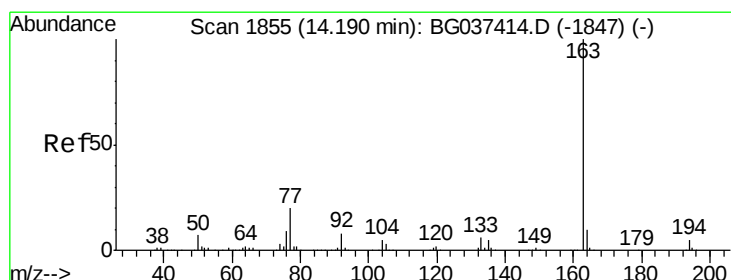
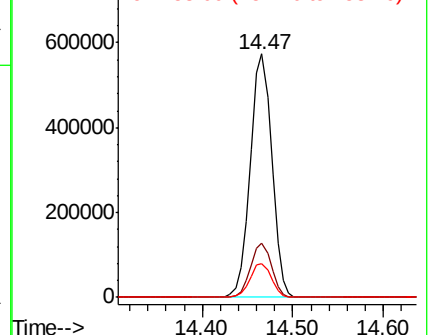
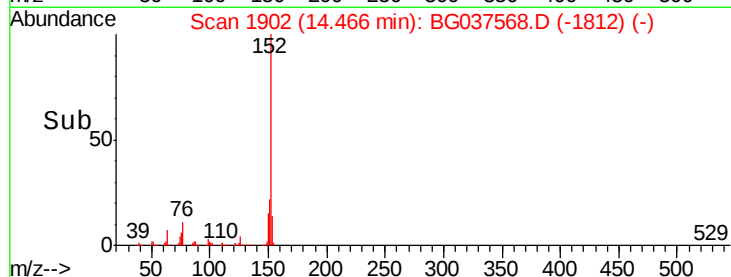
152 100

151 22.2 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: 51.591 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

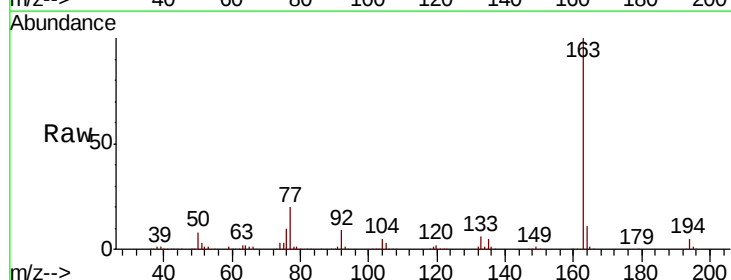
Tgt Ion:163 Resp: 736587

Ion Ratio Lower Upper

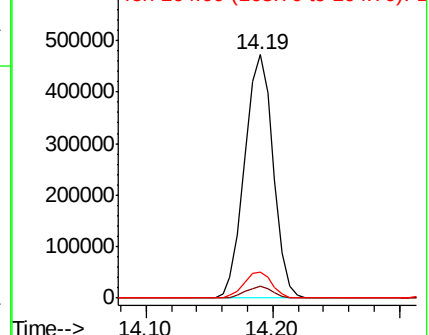
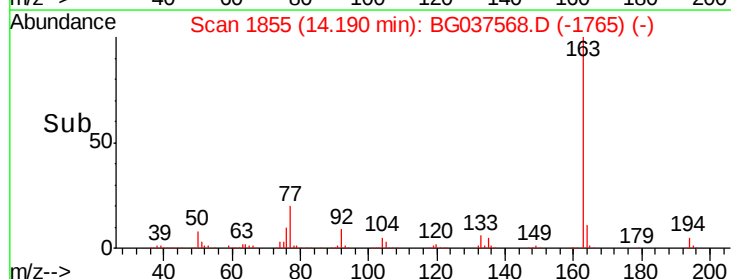
163 100

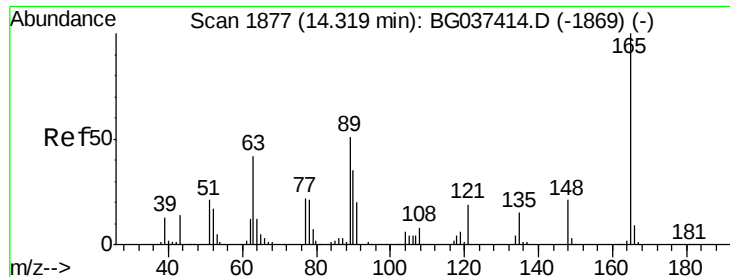
194 4.7 3.5 5.3

164 10.7 8.5 12.7



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

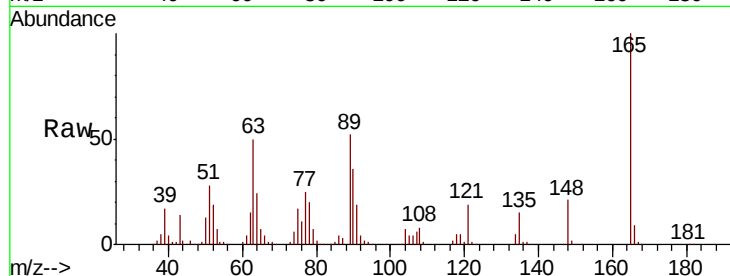




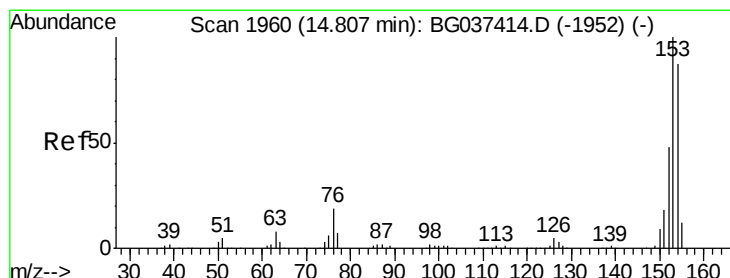
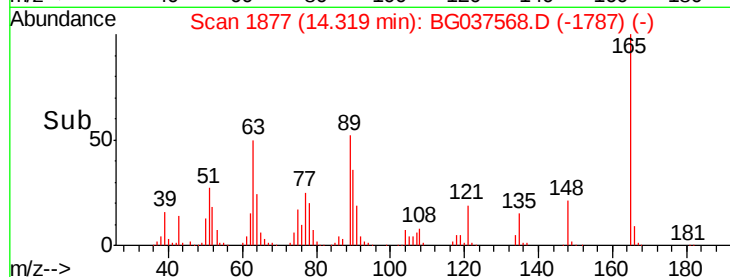
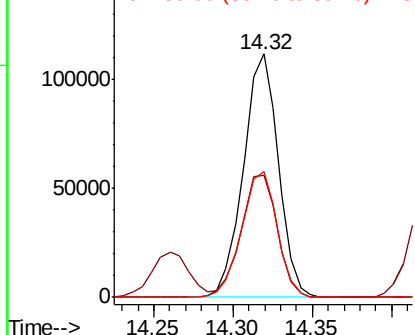
#51
 2,6-Dinitrotoluene
 Concen: 54.208 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleID :
 S37-0008MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.0	43.4	65.2
89	51.9	45.8	68.6

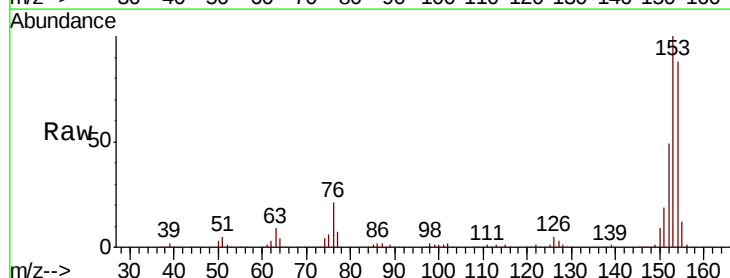


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

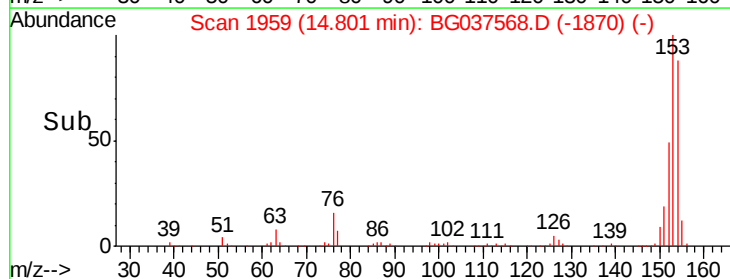
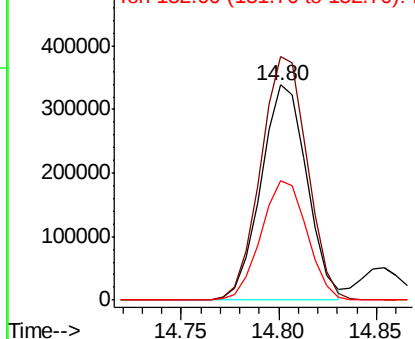


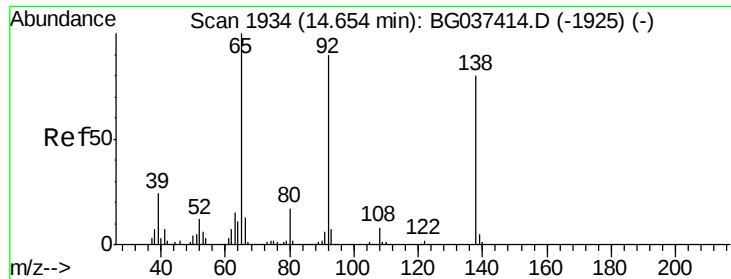
#52
 Acenaphthene
 Concen: 51.502 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	93.4	140.0
152	55.7	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

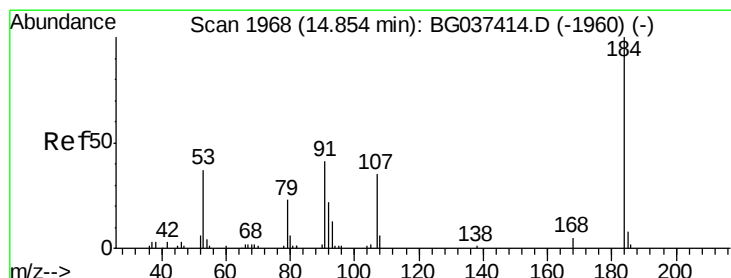
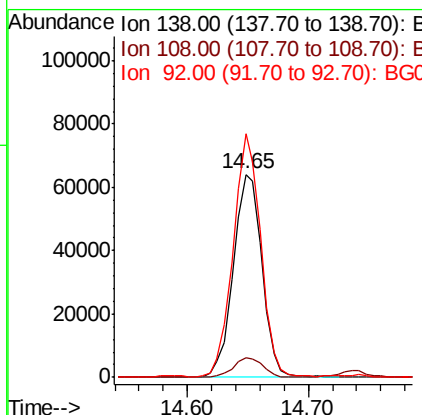
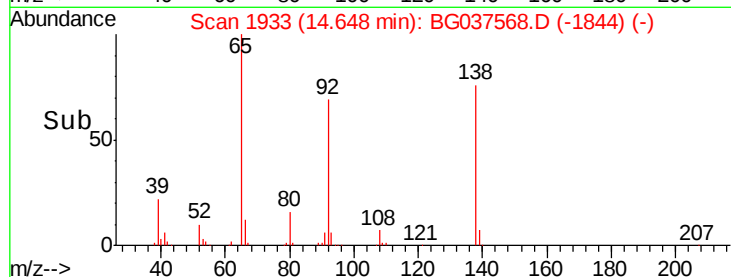
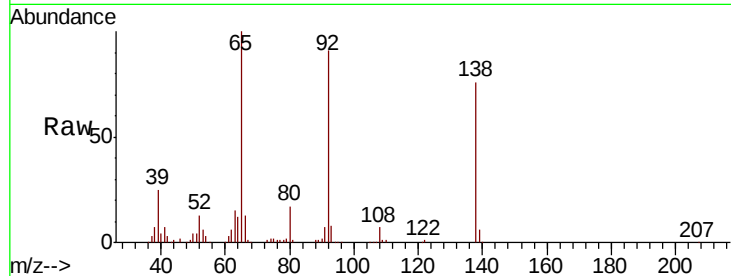




#53
3-Nitroaniline
Concen: 30.228 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

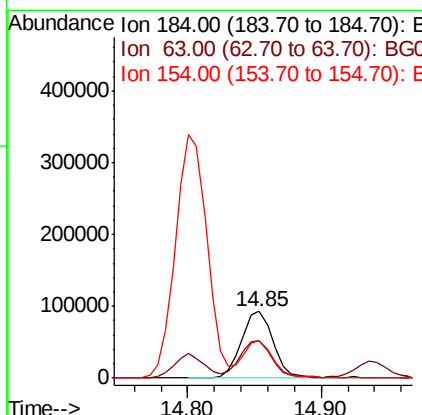
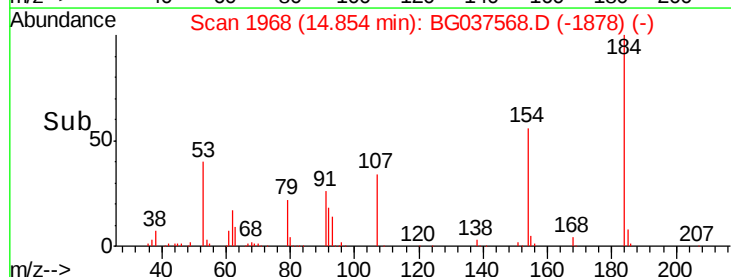
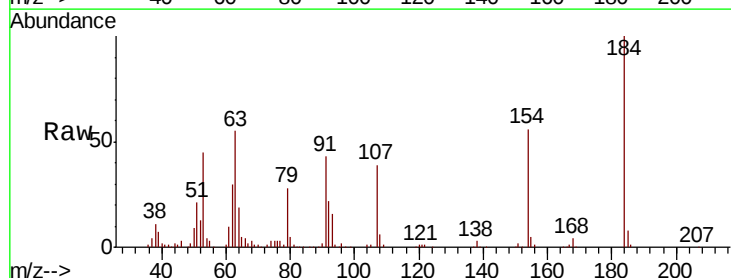
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

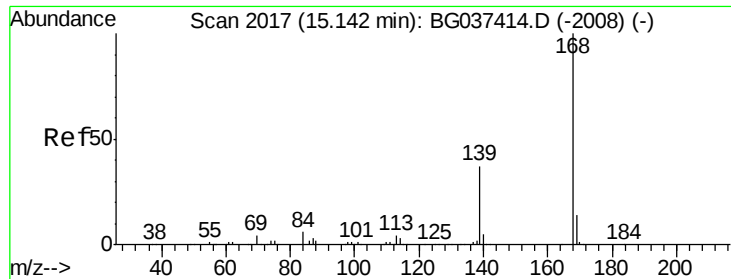
Tot Ion:138 Resp: 105989
Ion Ratio Lower Upper
138 100
108 9.7 11.0 16.6#
92 119.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 96.588 ng
RT: 14.85 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:184 Resp: 153783
Ion Ratio Lower Upper
184 100
63 55.4 42.6 63.8
154 55.7 41.8 62.6

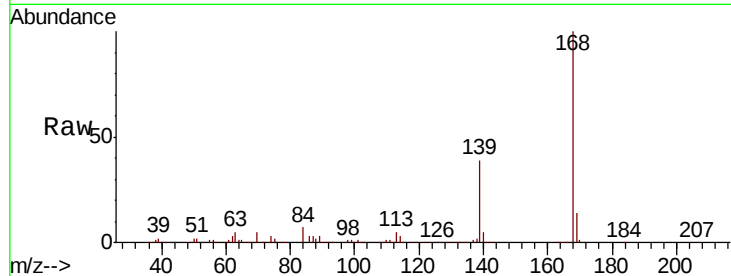




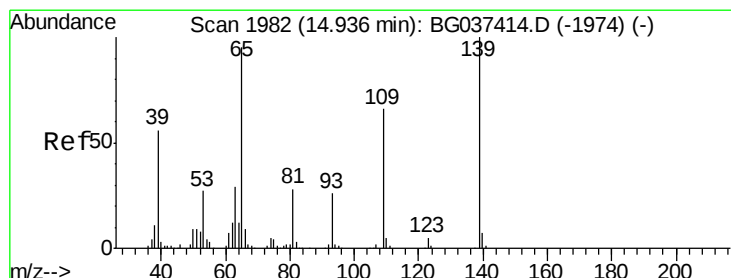
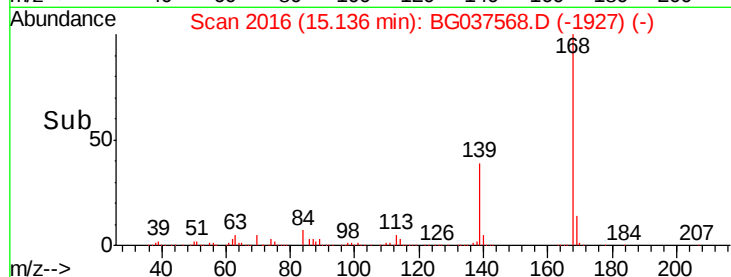
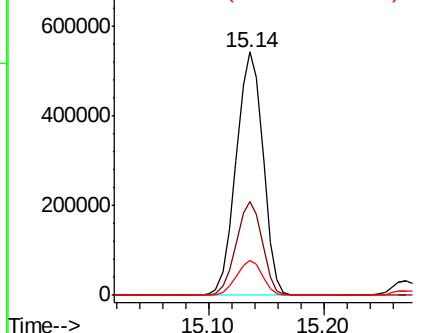
#55
Dibenzofuran
Concen: 49.233 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:168 Resp: 873829
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0
169 14.5 11.0 16.6

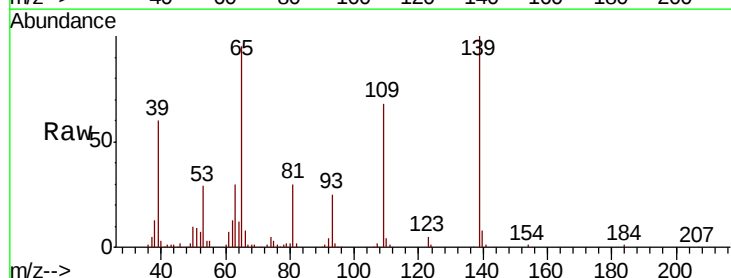


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

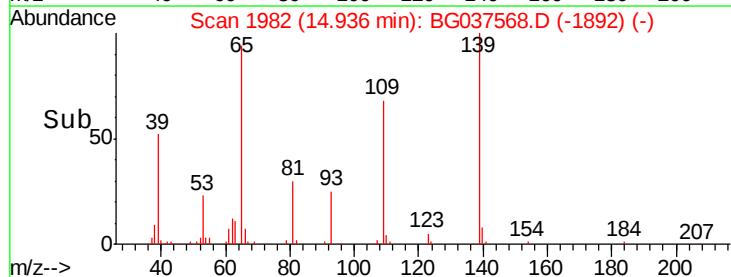
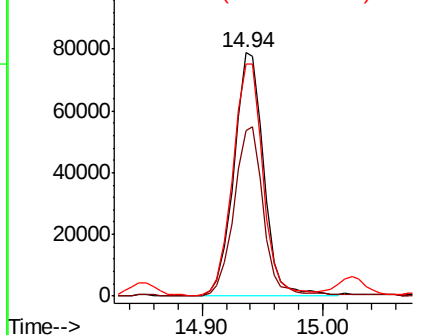


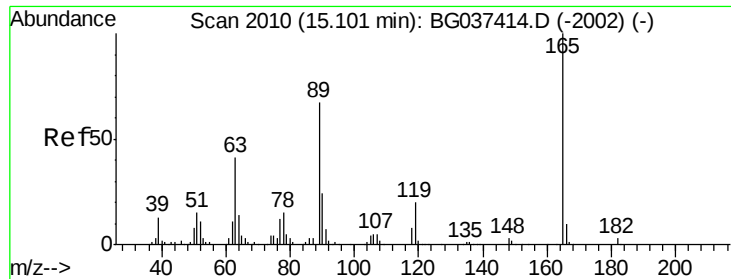
#56
4-Nitrophenol
Concen: 52.281 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:139 Resp: 135689
Ion Ratio Lower Upper
139 100
109 67.8 49.5 89.5
65 95.4 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): BGO

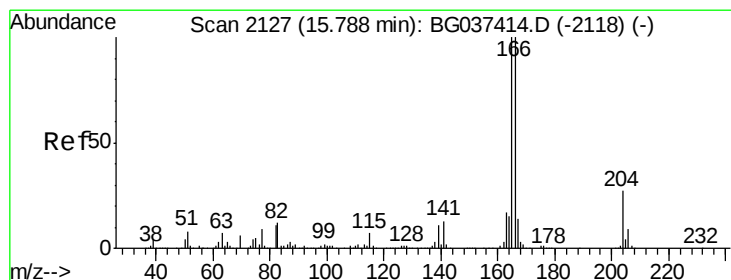
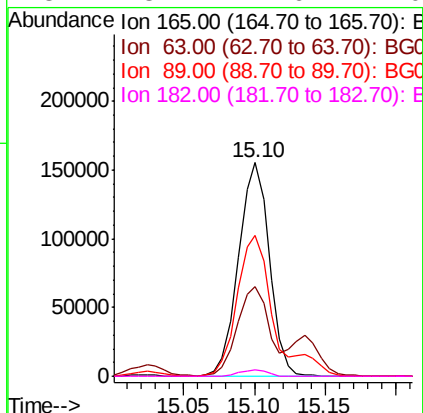
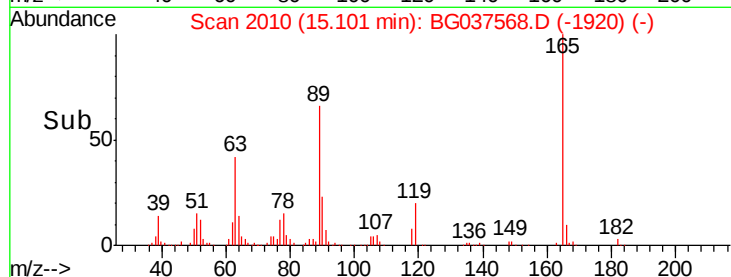
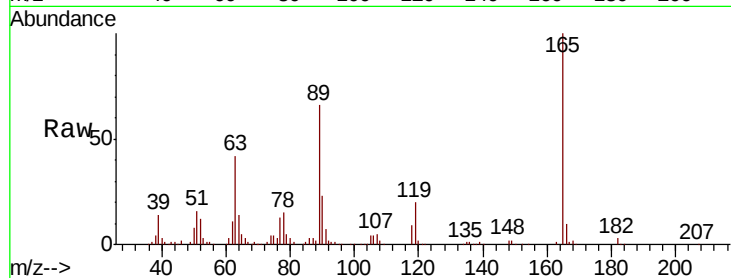




#57
2,4-Dinitrotoluene
Concen: 57.235 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

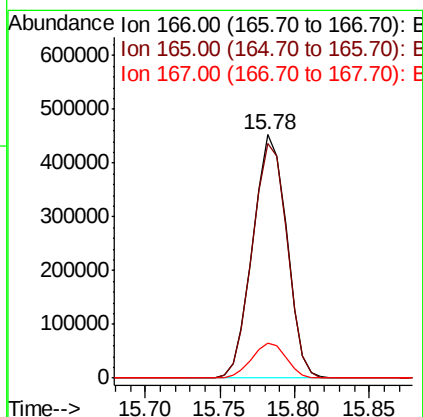
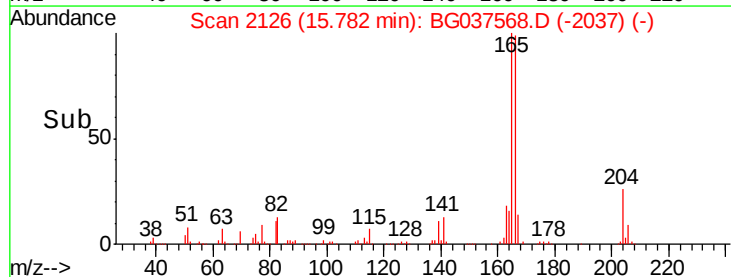
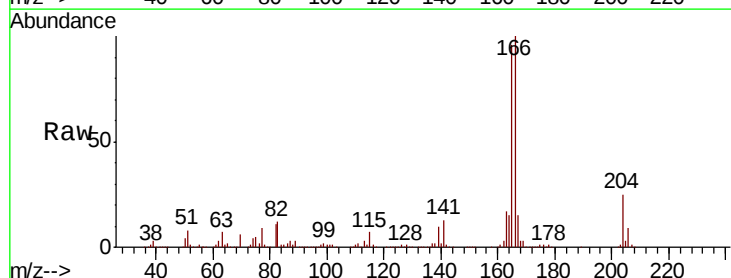
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:165 Resp: 237295
Ion Ratio Lower Upper
165 100
63 41.7 33.4 50.0
89 66.0 57.2 85.8
182 3.2 2.6 4.0



#58
Fluorene
Concen: 53.692 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:166 Resp: 713628
Ion Ratio Lower Upper
166 100
165 96.4 79.0 118.6
167 14.5 11.3 16.9

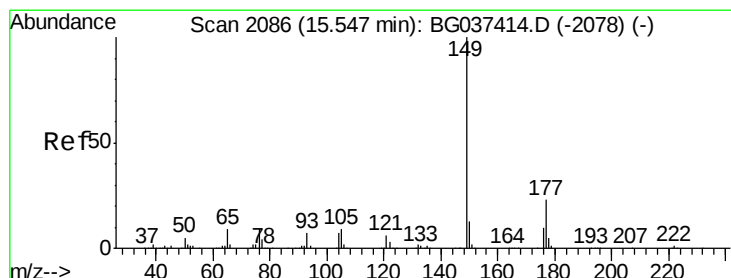
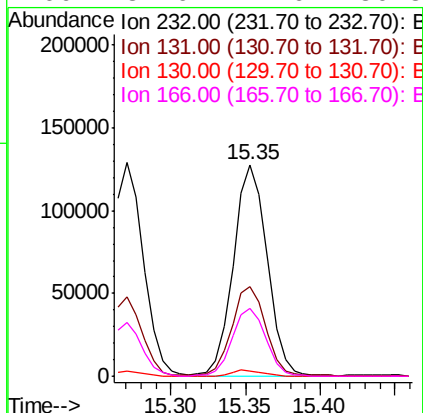
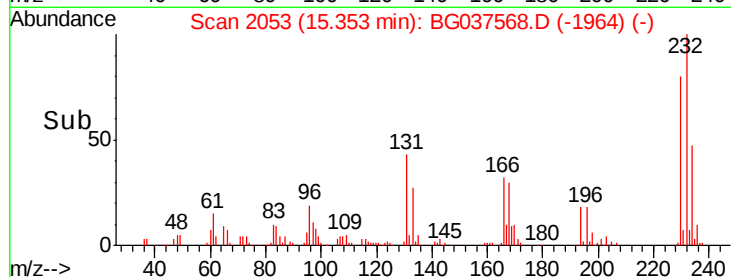
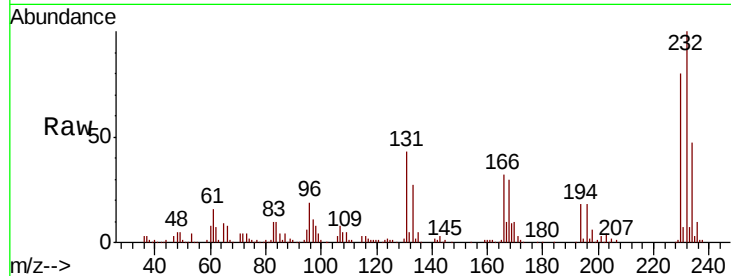




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.625 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

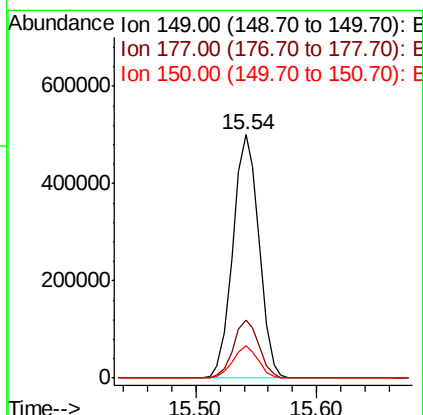
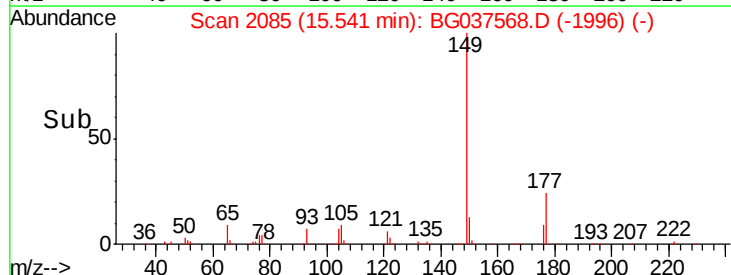
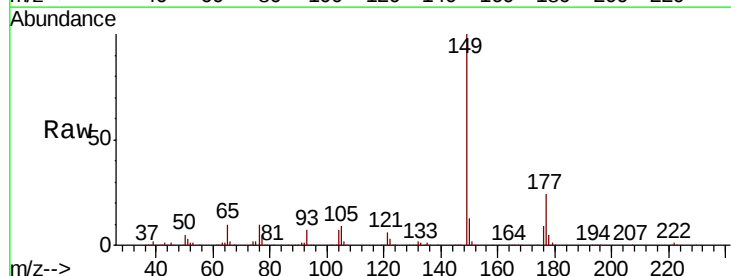
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

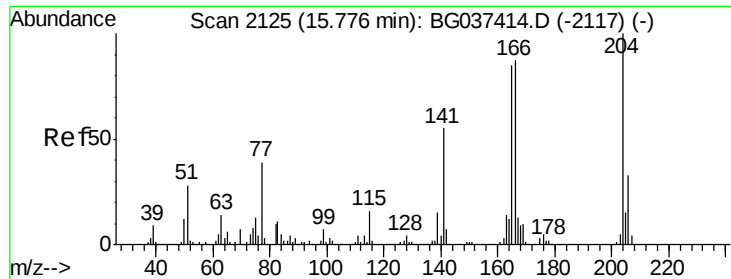
Tot Ion:232	Resp:	202514
Ion Ratio	Lower	Upper
232	100	
131	42.5	33.7 50.5
130	2.7	2.1 3.1
166	31.6	24.6 36.8



#60
Diethylphthalate
Concen: 51.245 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:149	Resp:	751144
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.3 27.5
150	13.4	10.0 15.0

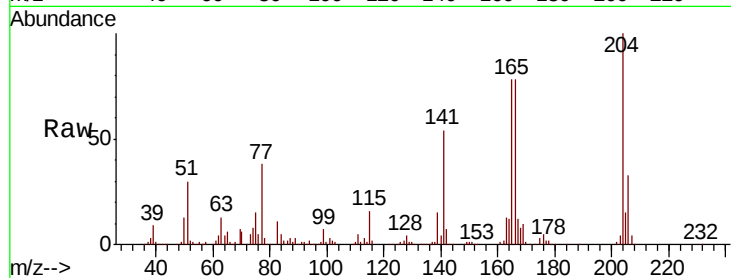




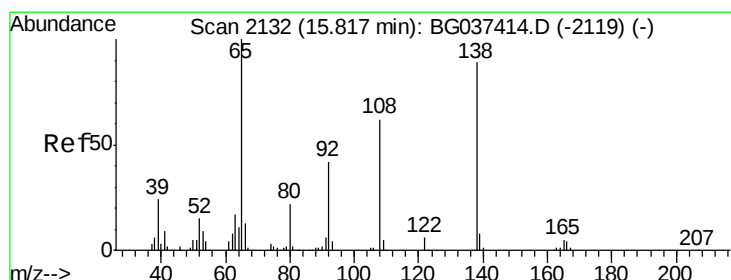
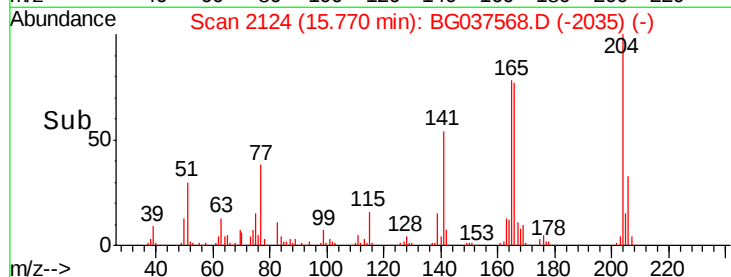
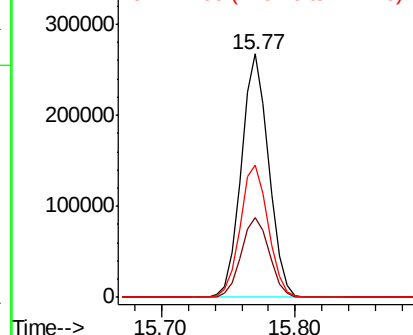
#61
4-Chlorophenyl-phenylether
Concen: 48.721 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:204 Resp: 377442
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 54.3 45.4 68.2

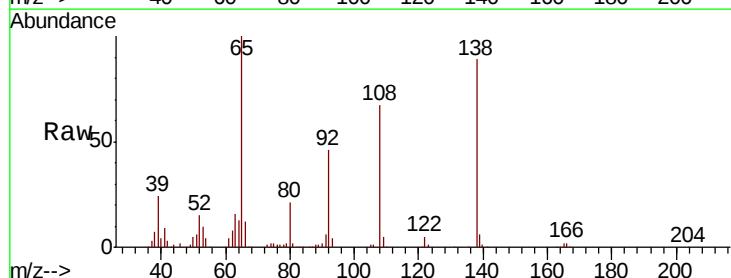


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

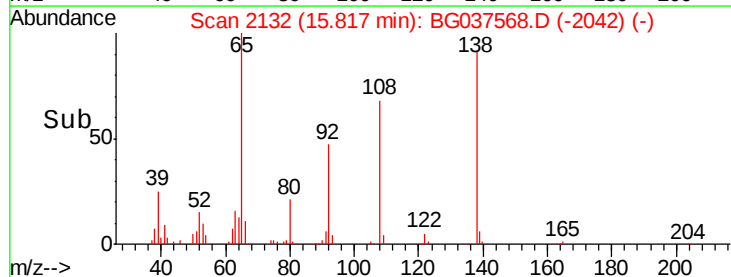
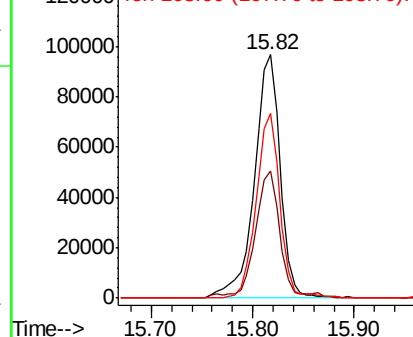


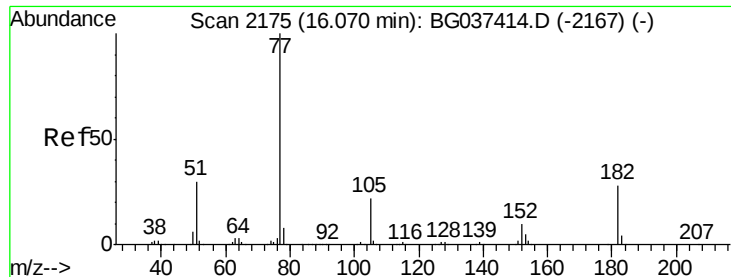
#62
4-Nitroaniline
Concen: 49.130 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:138 Resp: 171175
Ion Ratio Lower Upper
138 100
92 52.4 36.4 76.4
108 75.8 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

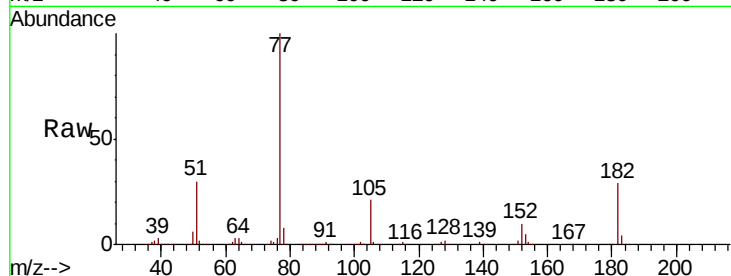




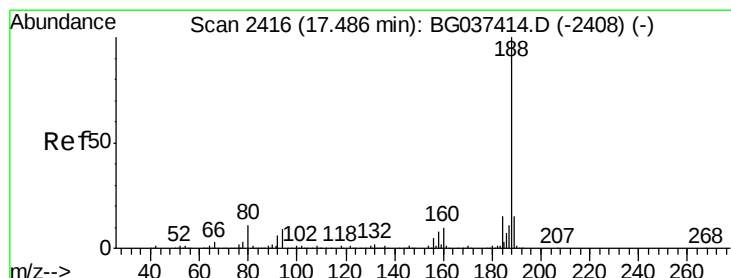
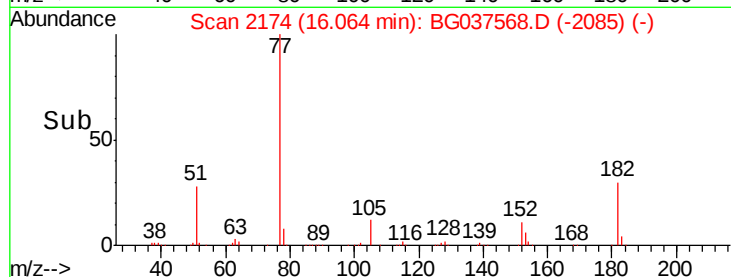
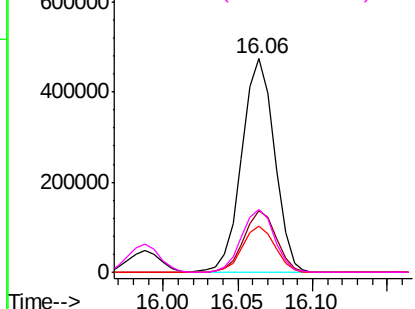
#63
Azobenzene
Concen: 51.268 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion: 77 Resp: 717003
Ion Ratio Lower Upper
77 100
182 28.7 8.0 48.0
105 21.4 1.3 41.3
51 29.7 10.7 50.7

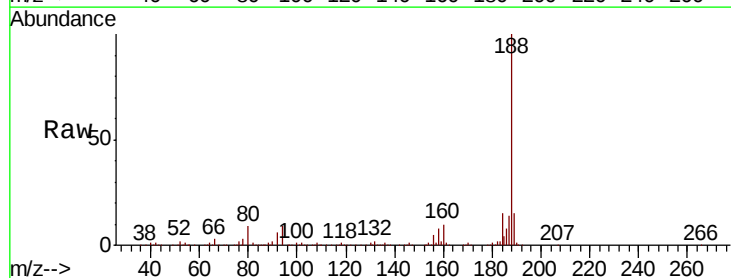


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

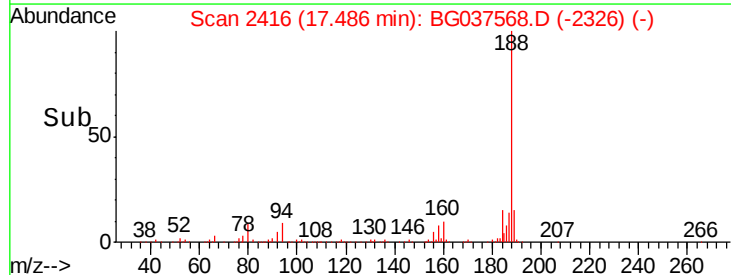
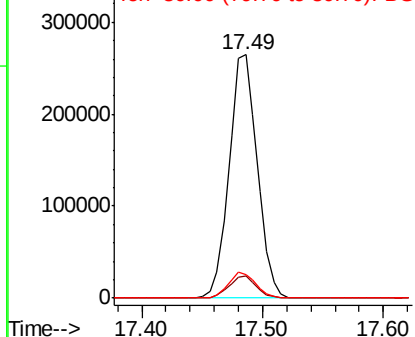


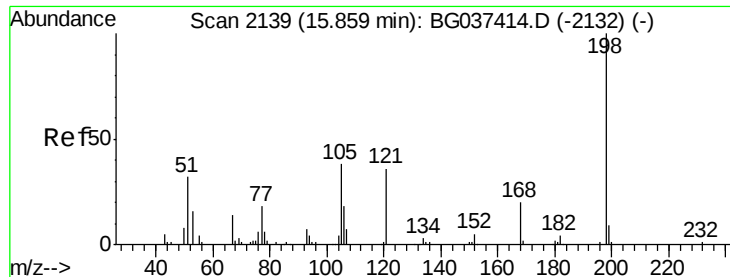
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion: 188 Resp: 427598
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.5 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

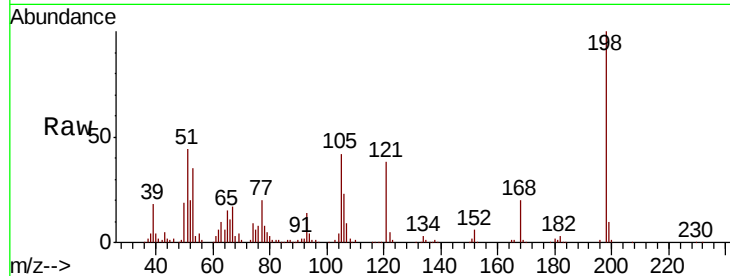




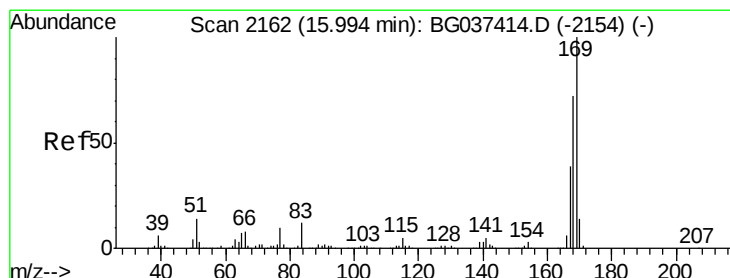
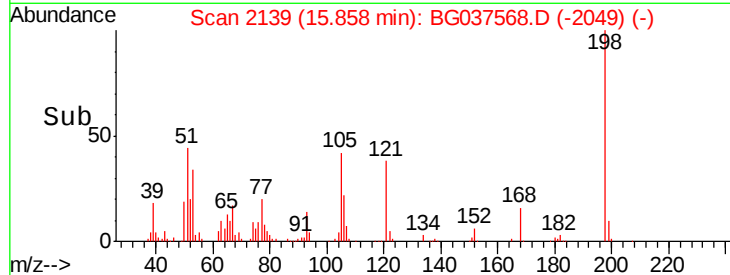
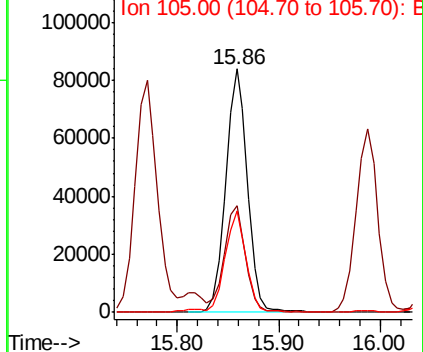
#65
4,6-Dinitro-2-methylphenol
Concen: 53.948 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampled :
S37-0008MSD

Tot Ion:198 Resp: 123926
Ion Ratio Lower Upper
198 100
51 43.7 22.7 62.7
105 41.8 19.7 59.7

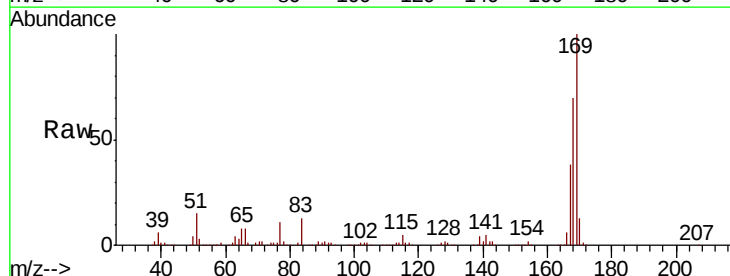


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

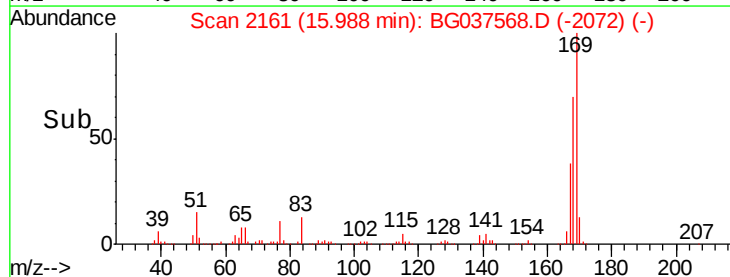
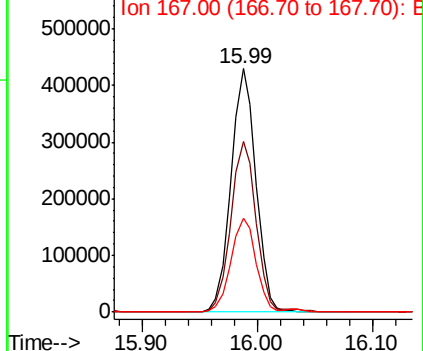


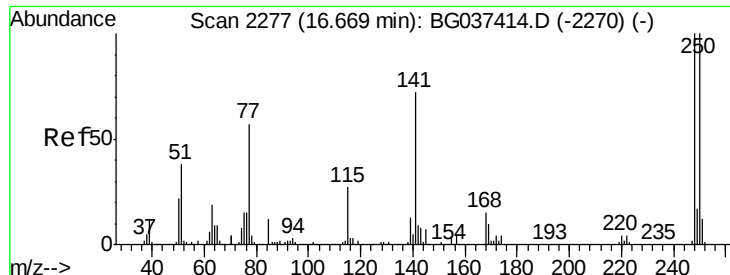
#66
n-Nitrosodiphenylamine
Concen: 49.732 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:169 Resp: 639665
Ion Ratio Lower Upper
169 100
168 70.4 55.7 83.5
167 38.4 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

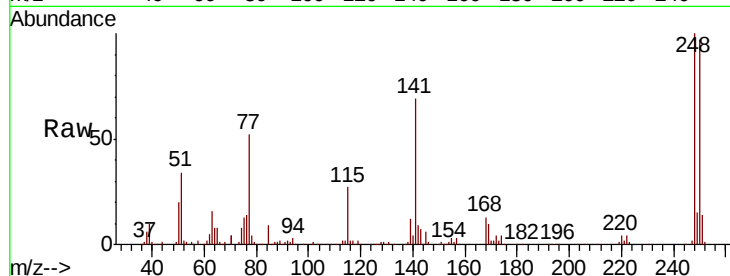




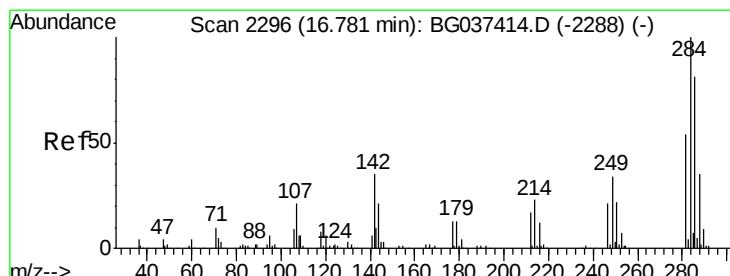
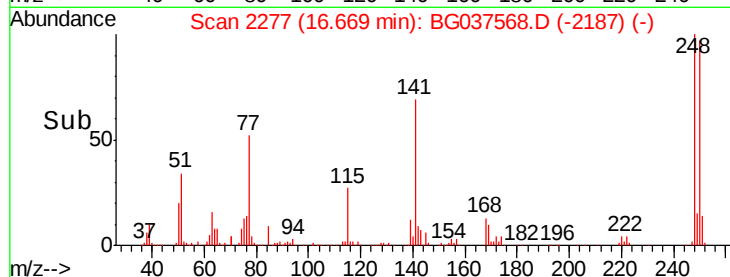
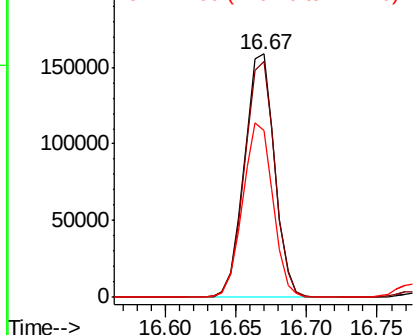
#67
 4-Bromophenyl-phenylether
 Concen: 50.737 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	68.5	55.5	83.3

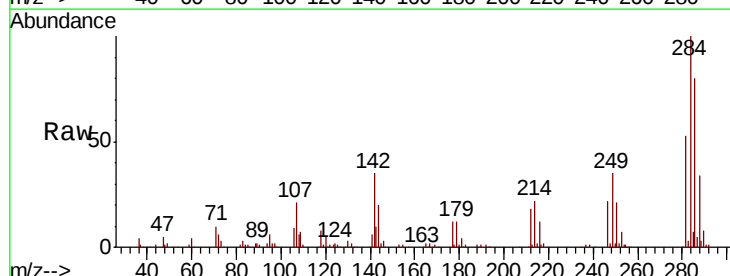


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

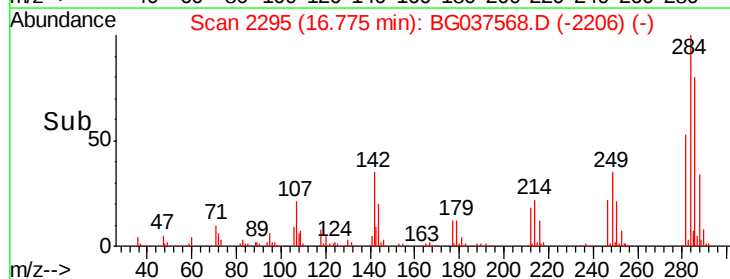
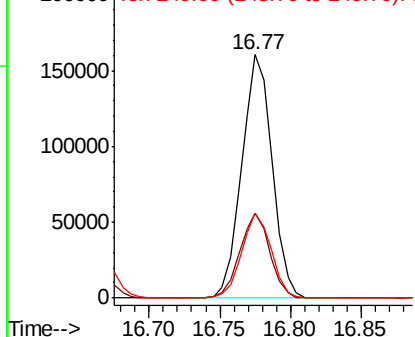


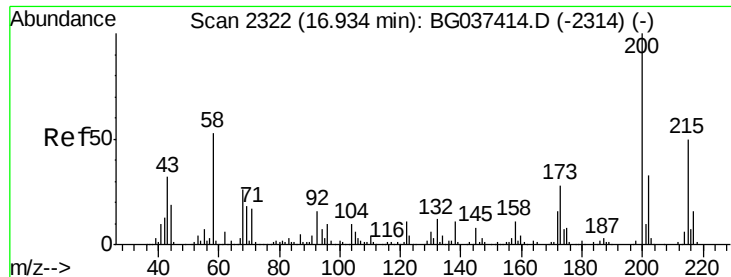
#68
 Hexachlorobenzene
 Concen: 49.583 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.1	42.1
249	37.5	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

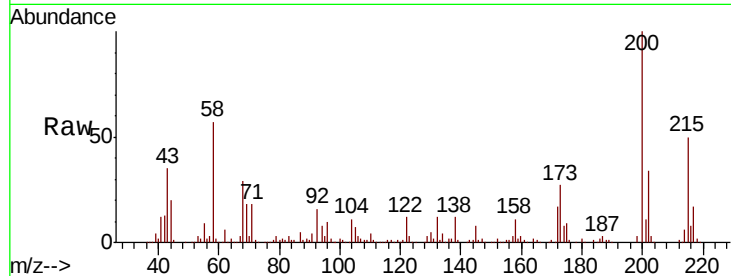




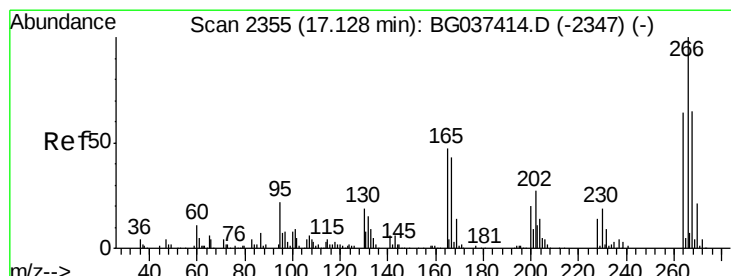
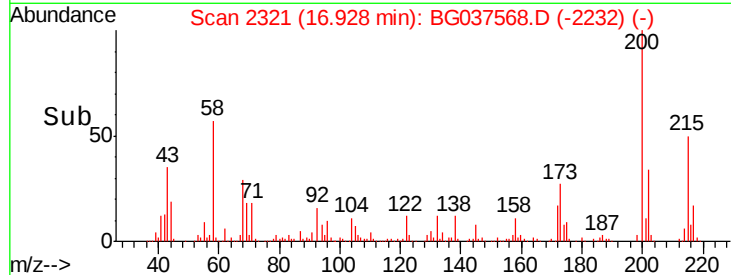
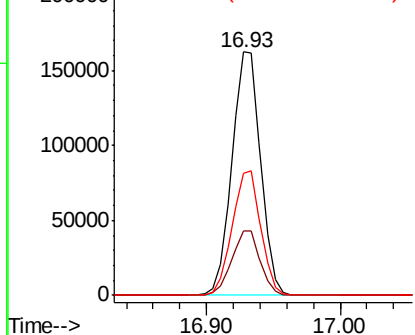
#69
 Atrazine
 Concen: 52.123 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion:200 Resp: 242393
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.1 46.1
 215 50.0 30.8 70.8

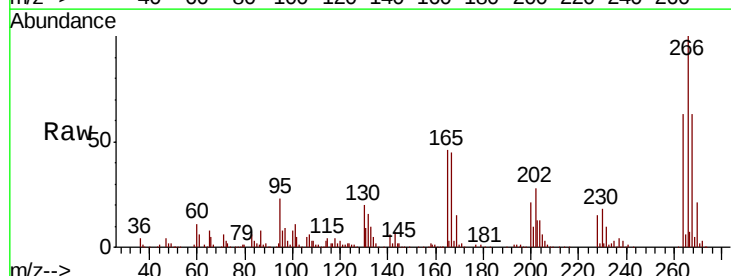


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

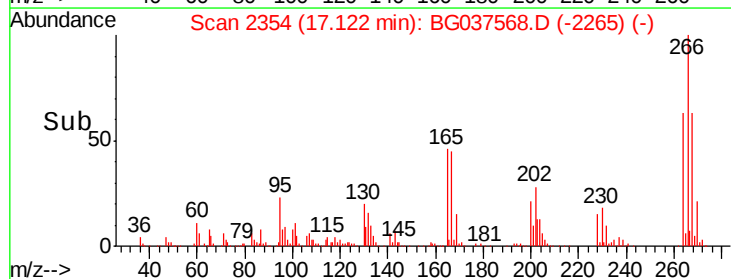
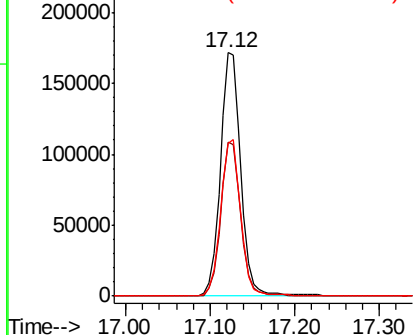


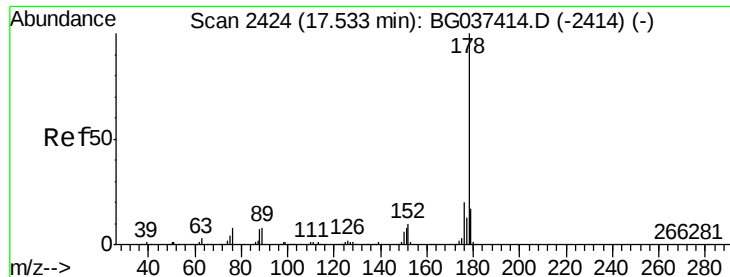
#70
 Pentachlorophenol
 Concen: 88.102 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion:266 Resp: 287202
 Ion Ratio Lower Upper
 266 100
 268 68.0 55.0 82.6
 264 68.5 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

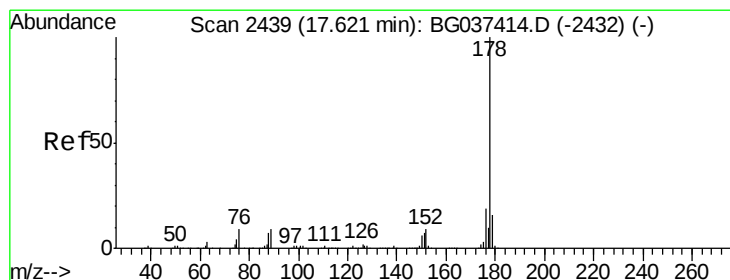
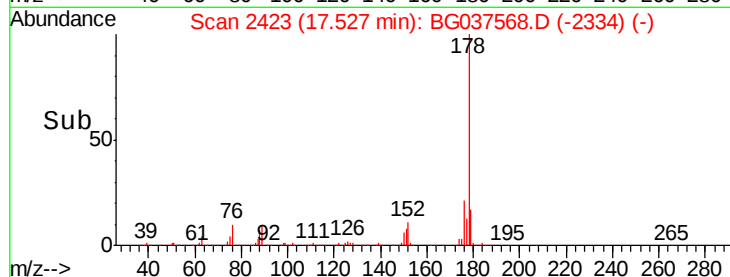
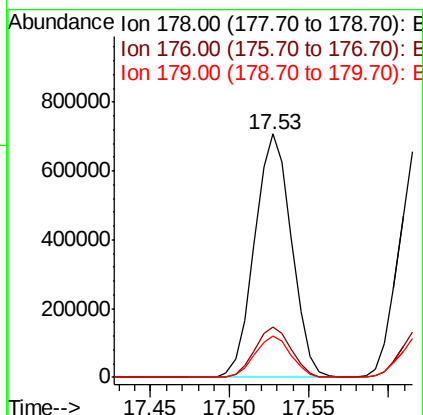
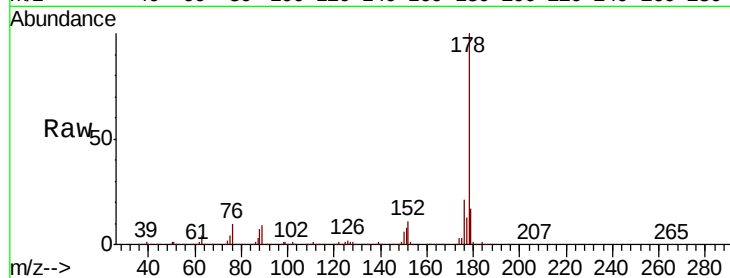




#71
Phenanthrene
Concen: 52.643 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

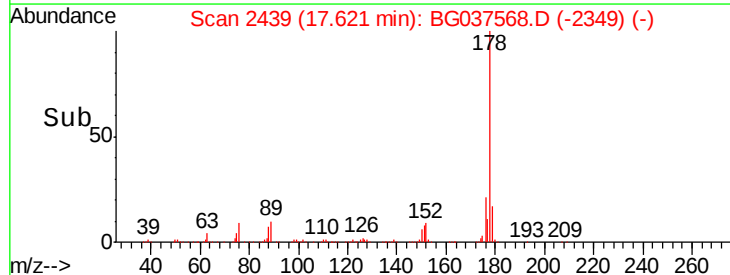
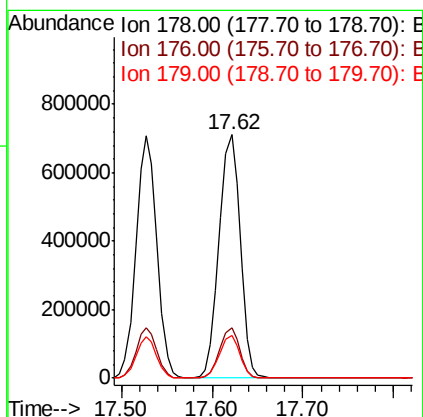
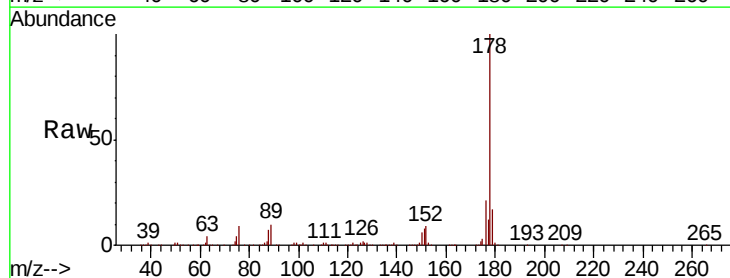
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

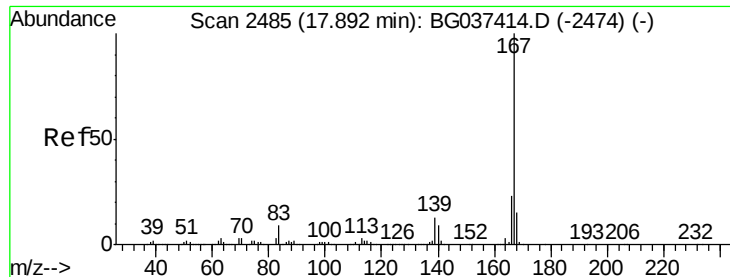
Tot Ion:178 Resp: 1144037
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 17.2 13.0 19.4



#72
Anthracene
Concen: 54.197 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:178 Resp: 1155838
Ion Ratio Lower Upper
178 100
176 20.9 15.0 22.4
179 17.4 12.8 19.2

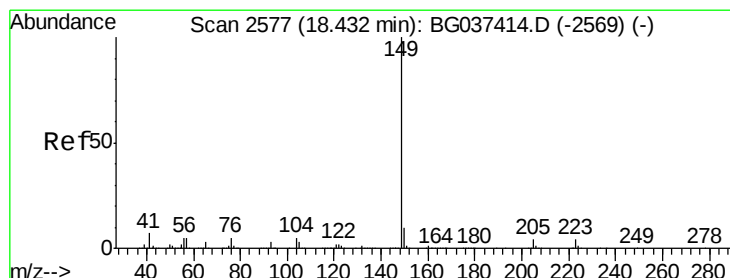
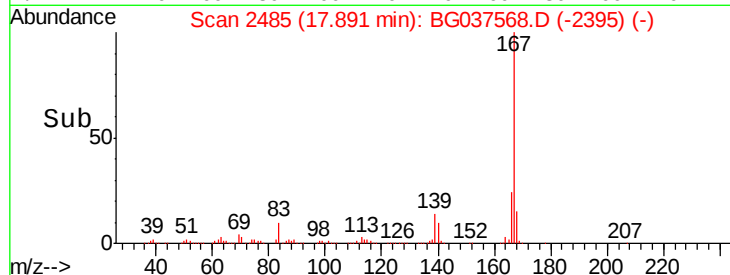
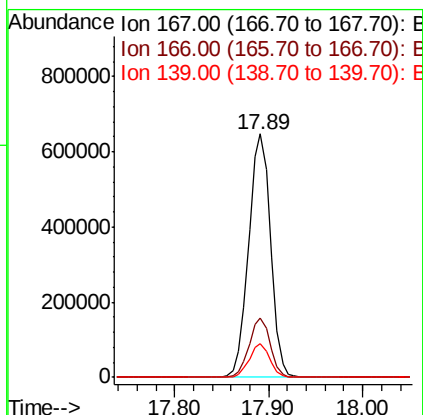
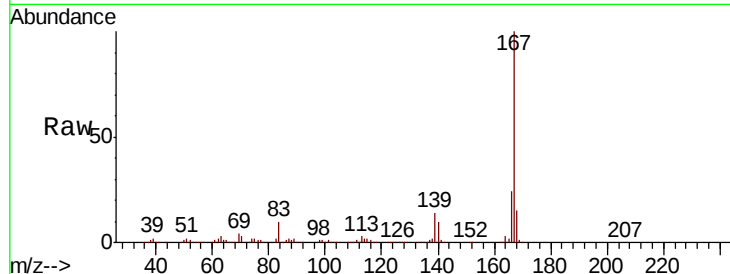




#73
 Carbazole
 Concen: 48.890 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

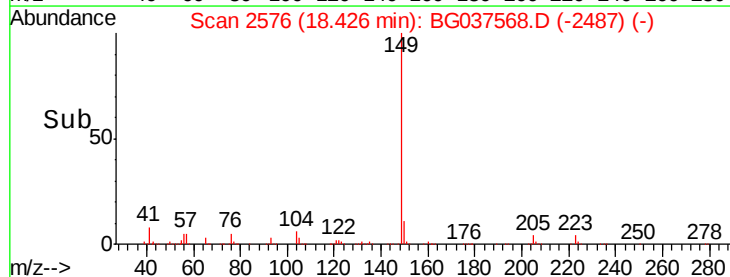
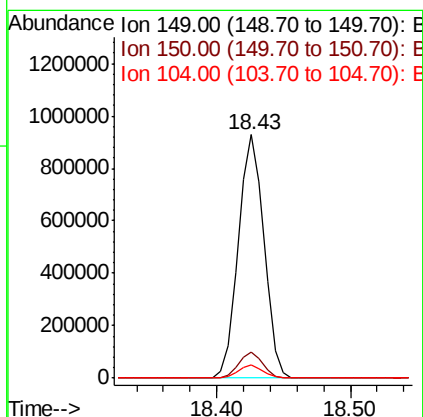
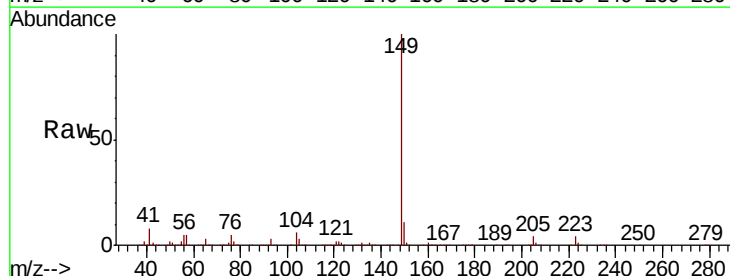
Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

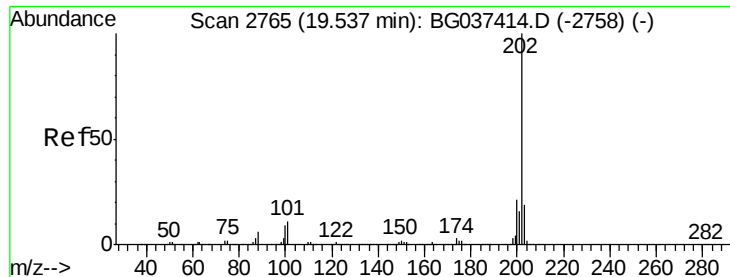
Tot Ion:167 Resp: 1042972
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.3 27.5
 139 13.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 51.966 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion:149 Resp: 1233213
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.2 12.2
 104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 53.133 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

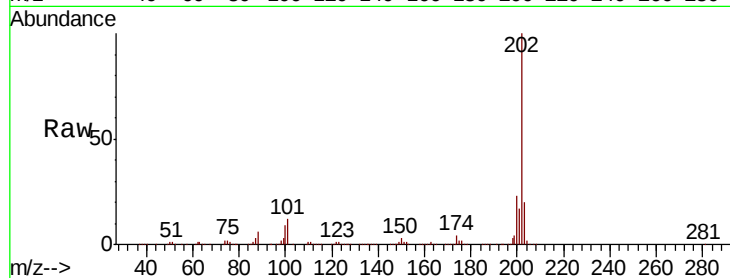
Tot Ion:202 Resp: 1309628

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.7

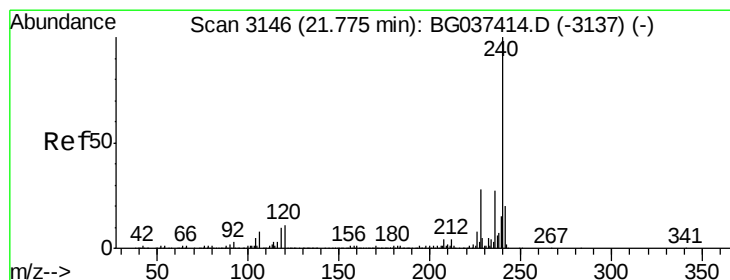
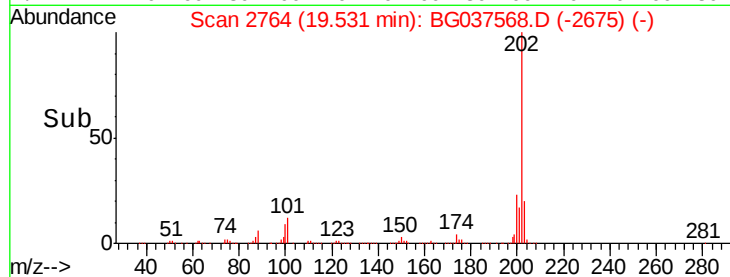
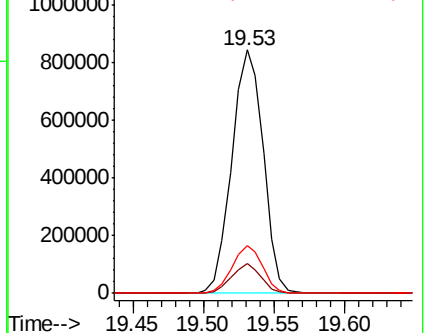
203 19.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

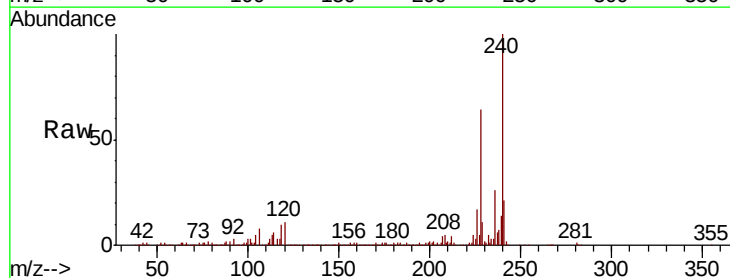
Tgt Ion:240 Resp: 378529

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

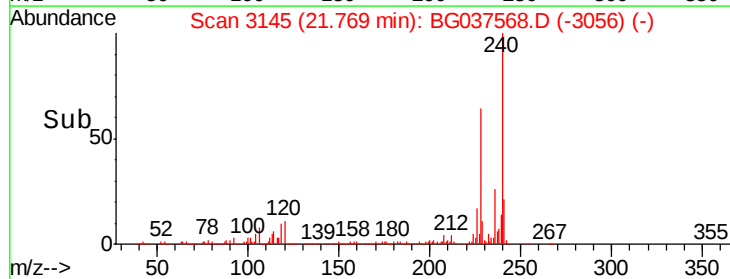
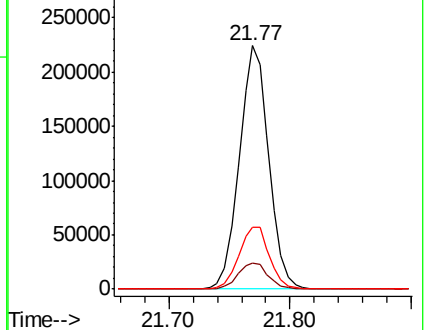
236 25.6 21.4 32.0

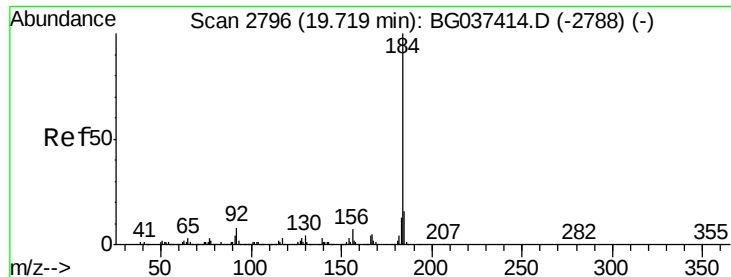


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.124 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

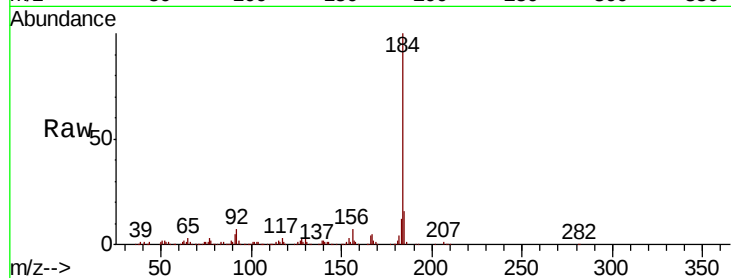
Tot Ion:184 Resp: 349108

Ion Ratio Lower Upper

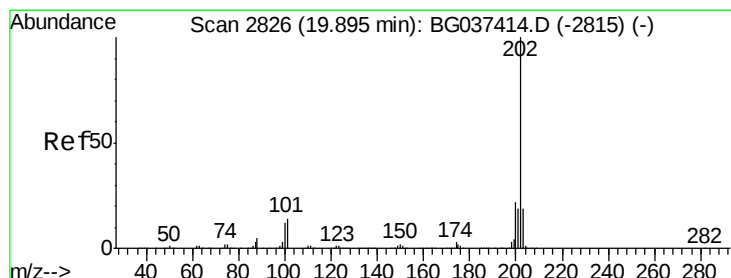
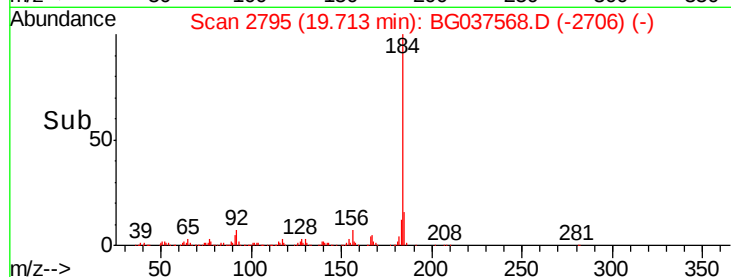
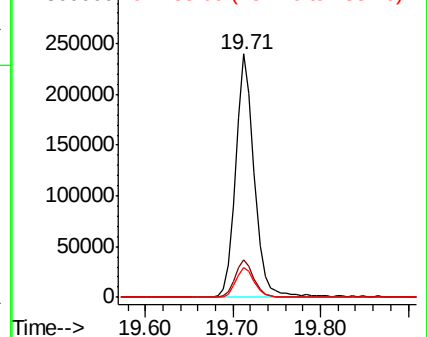
184 100

185 15.7 12.6 18.8

183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.108 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

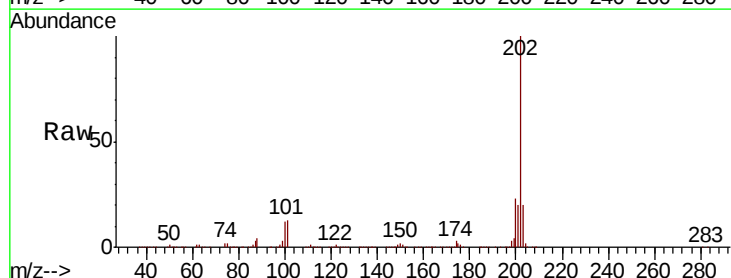
Tgt Ion:202 Resp: 1289400

Ion Ratio Lower Upper

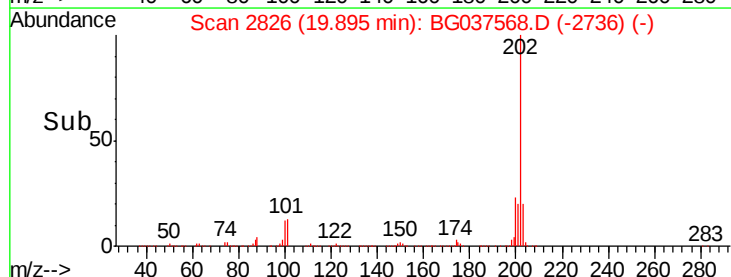
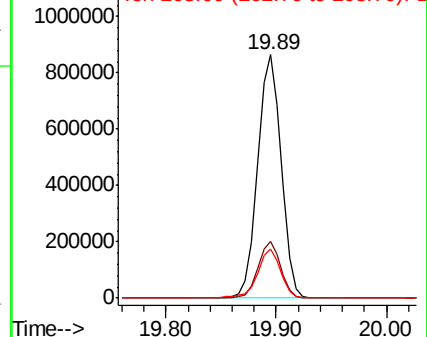
202 100

200 23.1 17.8 26.6

203 20.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.479 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

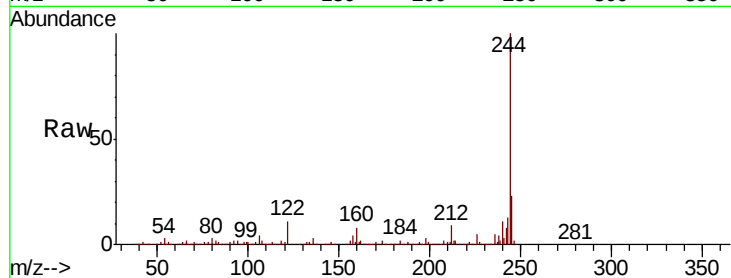
Tot Ion:244 Resp: 1372544

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

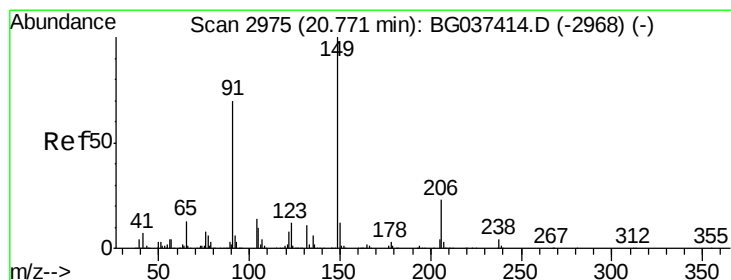
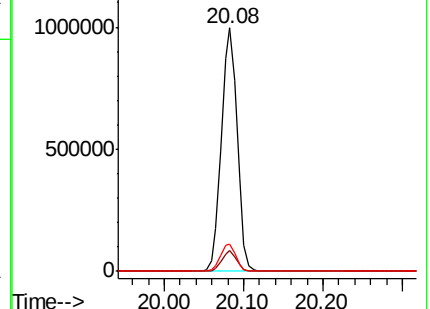
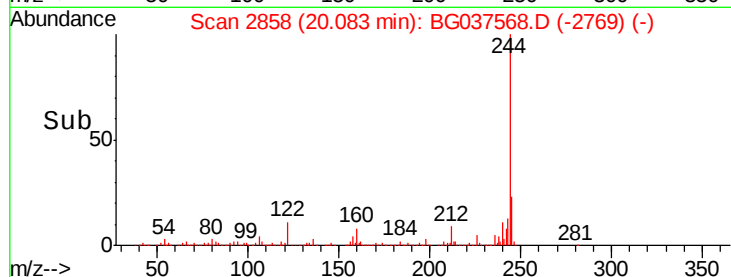
122 11.4 9.0 13.4



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: 56.319 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

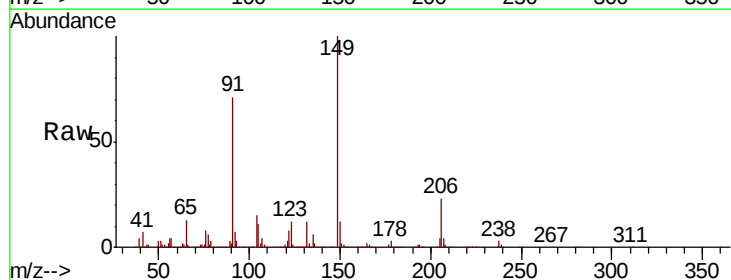
Tgt Ion:149 Resp: 570347

Ion Ratio Lower Upper

149 100

91 70.8 57.0 85.4

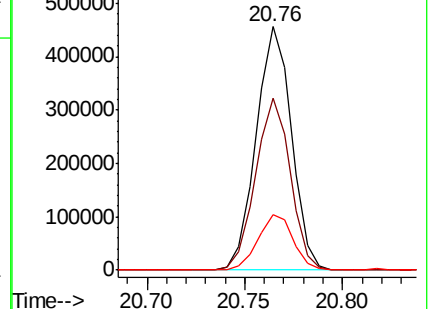
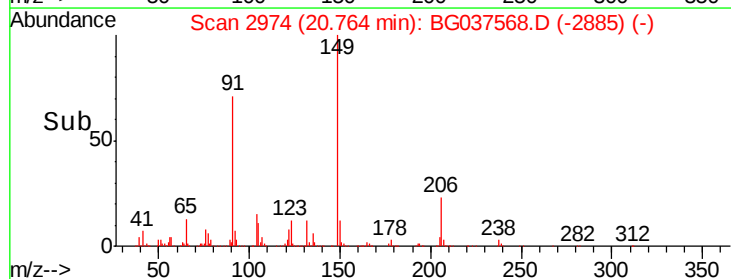
206 22.8 17.8 26.6

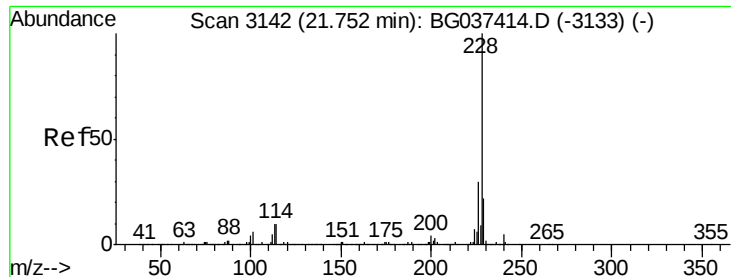


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

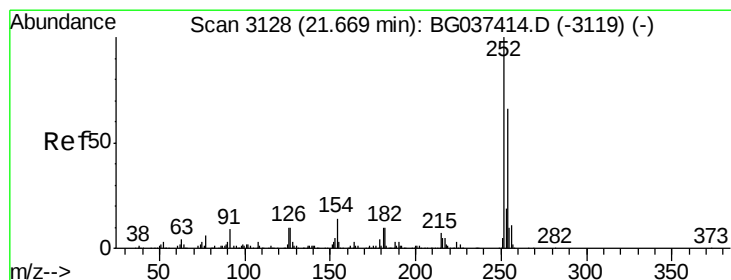
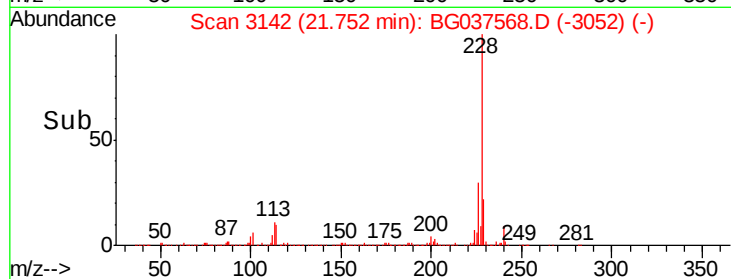
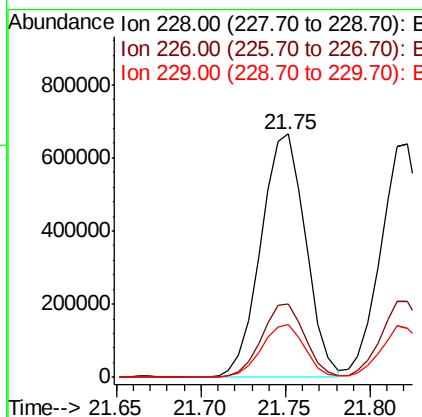
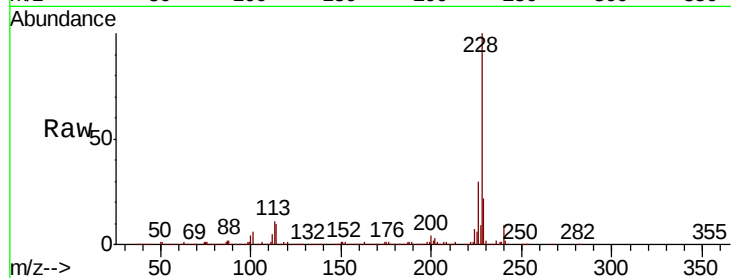




#81
Benzo(a)anthracene
Concen: 54.309 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

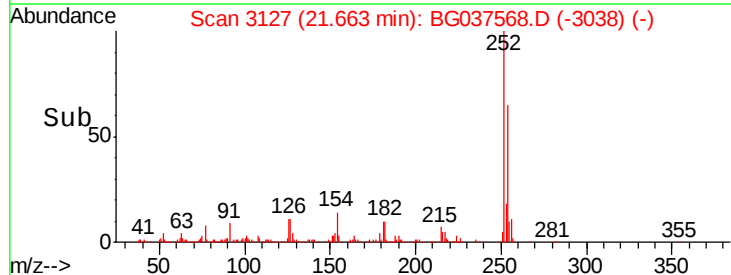
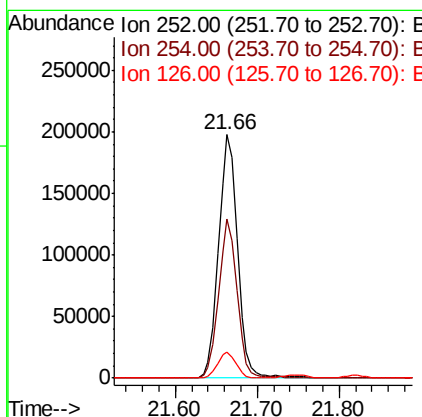
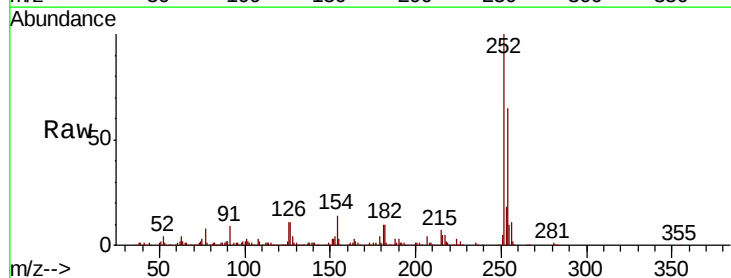
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:228 Resp: 1215959
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 21.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 37.001 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:252 Resp: 321112
Ion Ratio Lower Upper
252 100
254 65.4 52.0 78.0
126 10.8 8.2 12.4



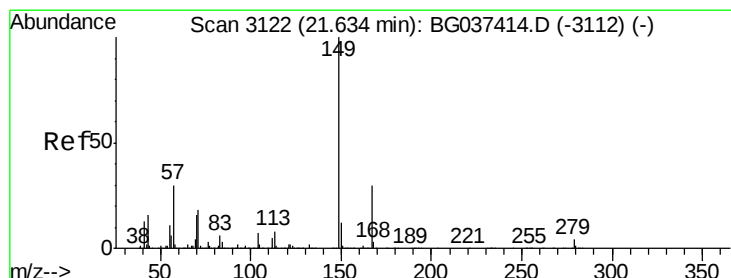
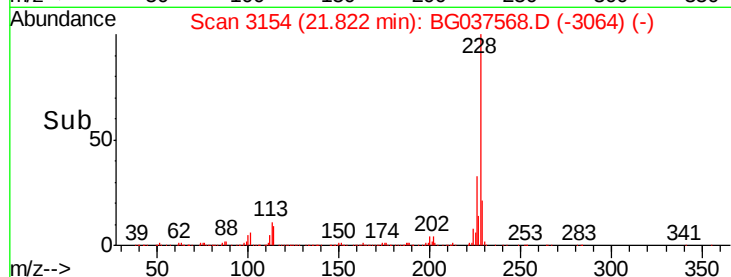
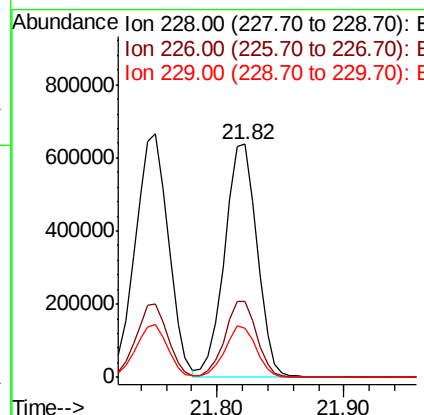
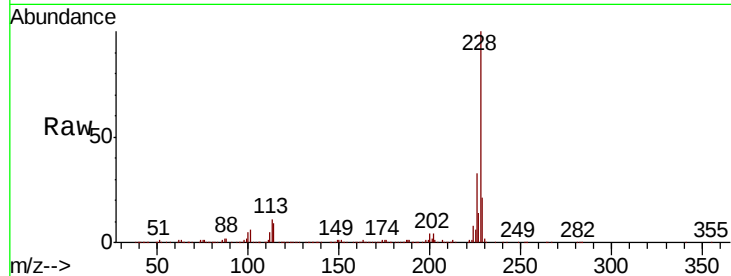


#83
 Chrysene
 Concen: 52.419 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S37-0008MSD

Tot Ion:228 Resp: 1128531

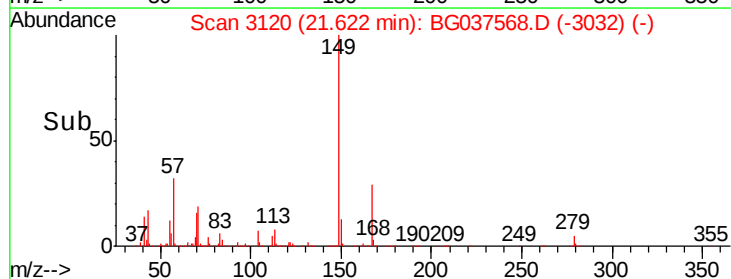
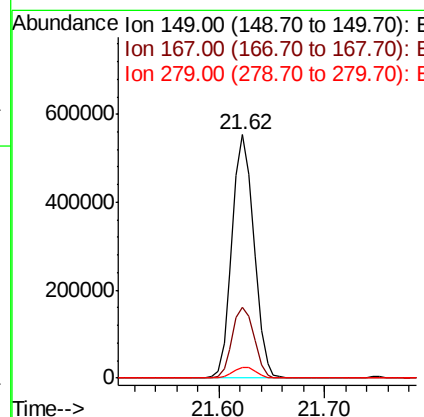
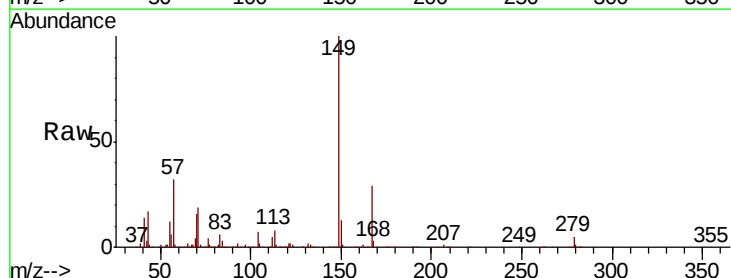
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	21.1	16.5	24.7

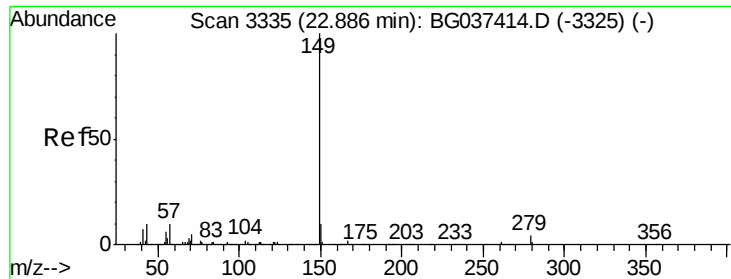


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.927 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037568.D
 Acq: 26 Oct 2018 6:44

Tgt Ion:149 Resp: 793908

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 57.738 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

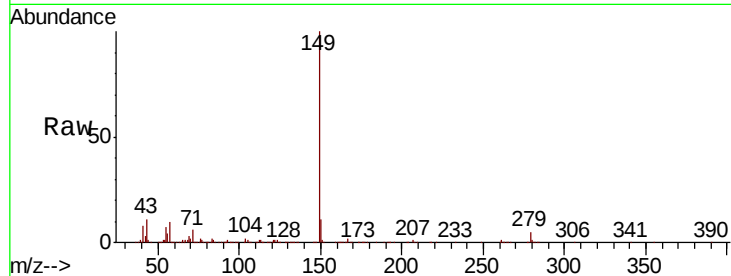
Tot Ion:149 Resp: 1336510

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

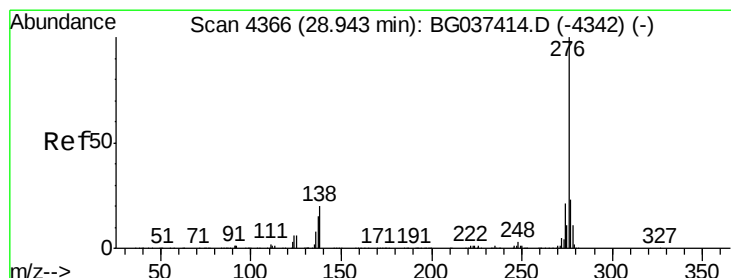
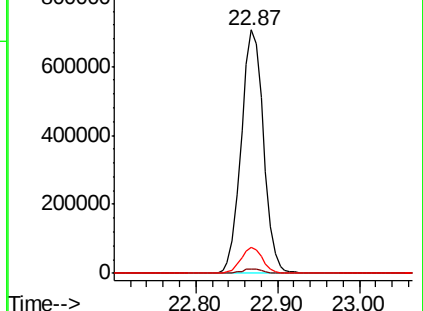
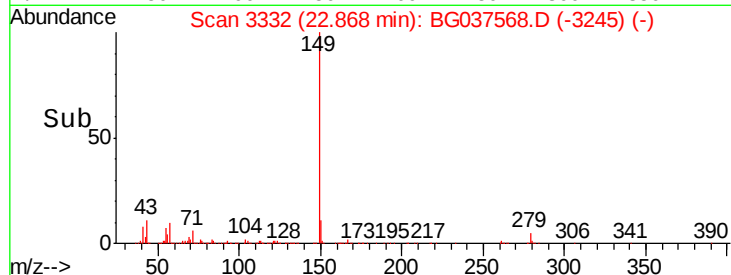
43 10.3 8.7 13.1



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: 57.910 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

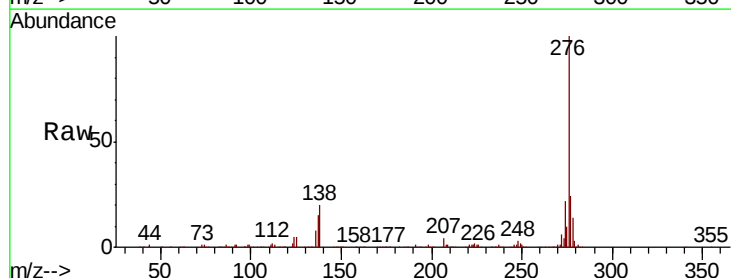
Tgt Ion:276 Resp: 1337219

Ion Ratio Lower Upper

276 100

138 16.2 12.0 18.0

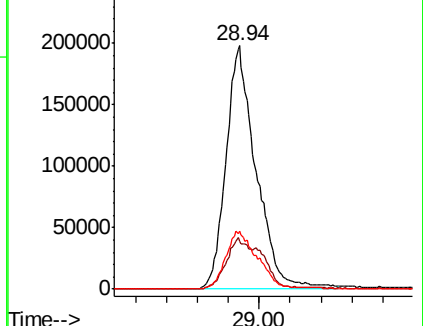
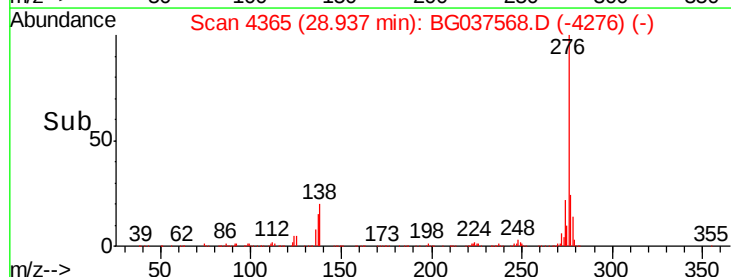
277 25.1 20.6 30.8

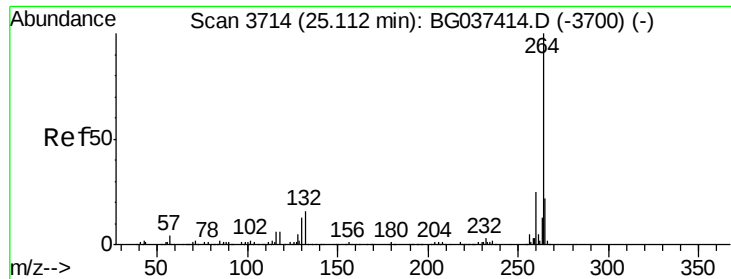


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

S37-0008MSD

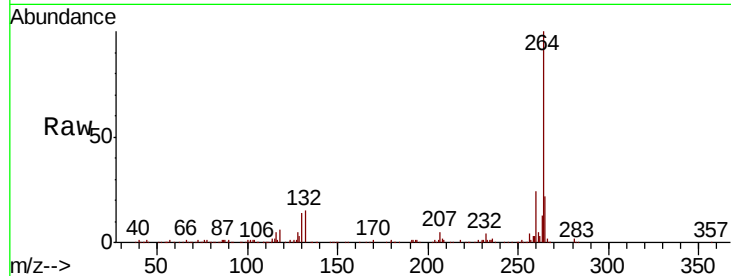
Tot Ion:264 Resp: 398558

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

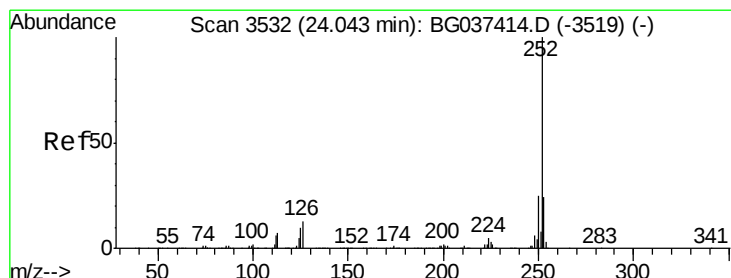
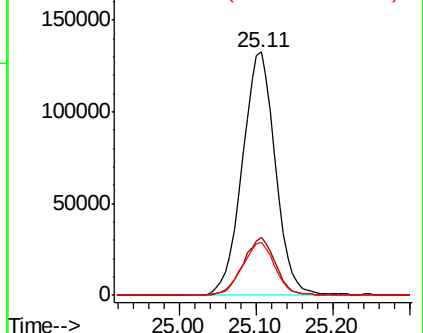
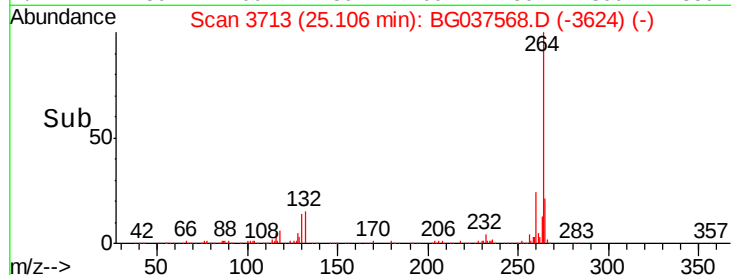
265 21.6 17.9 26.9



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: 56.219 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037568.D

Acq: 26 Oct 2018 6:44

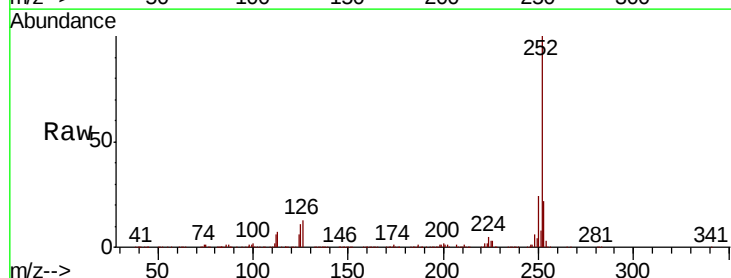
Tgt Ion:252 Resp: 1228418

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

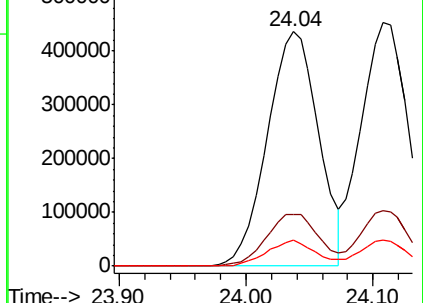
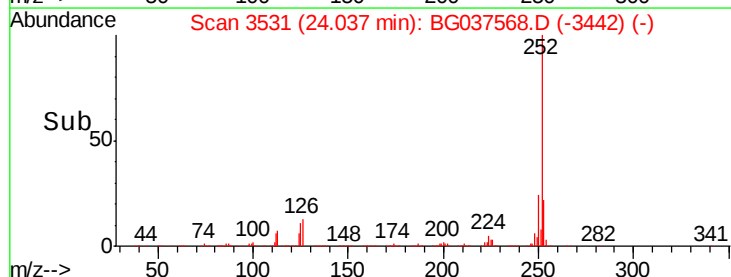
125 11.0 7.8 11.6

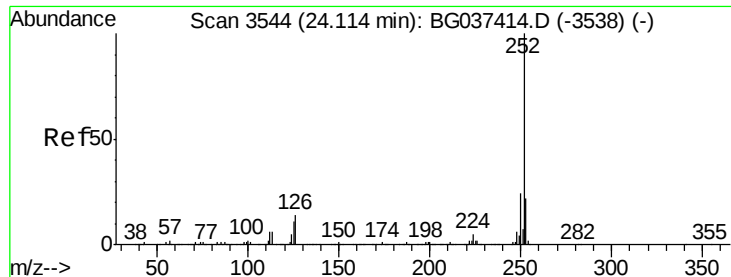


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

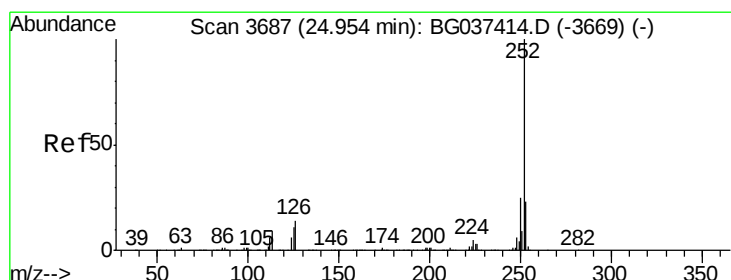
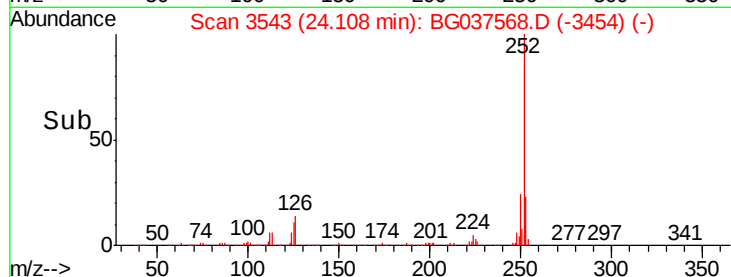
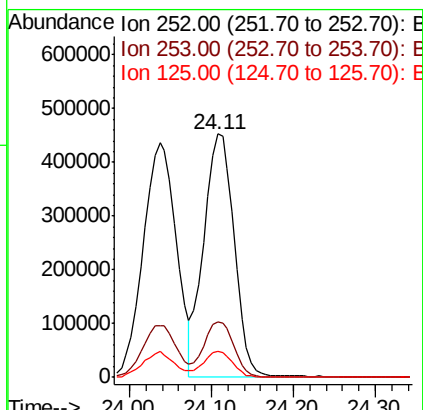
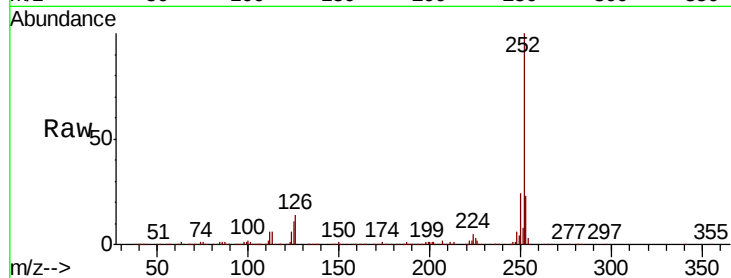




#89
Benzo(k)fluoranthene
Concen: 54.571 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

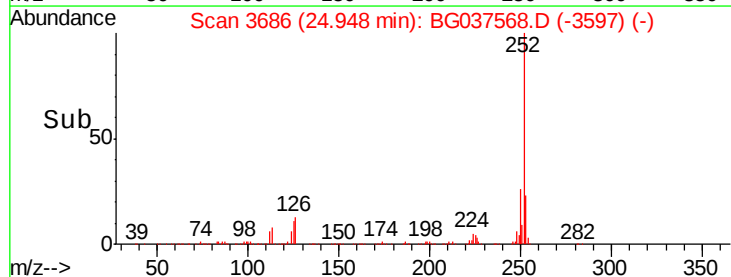
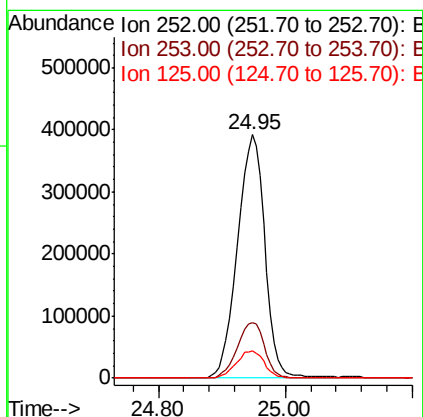
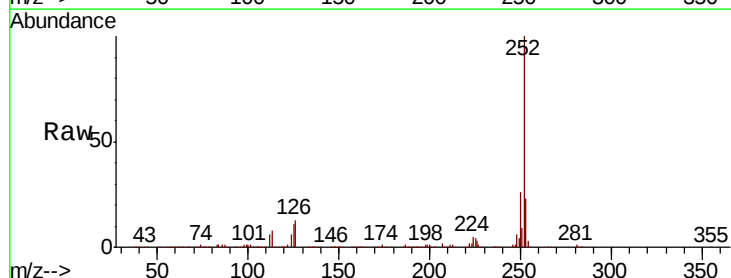
Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

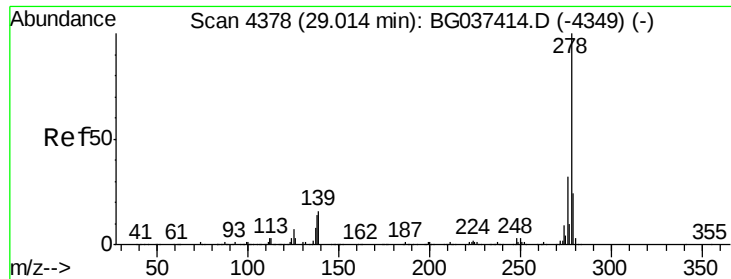
Tot Ion:252 Resp: 1168236
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 56.244 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:252 Resp: 1167797
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.4 9.0 13.6

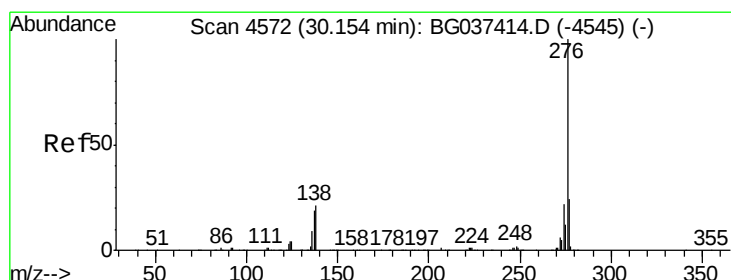
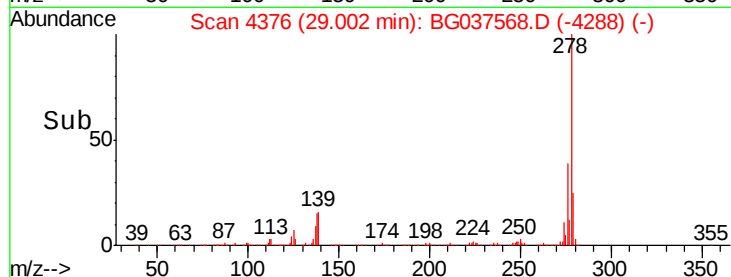
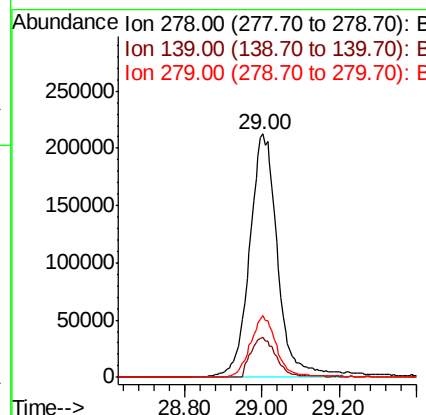
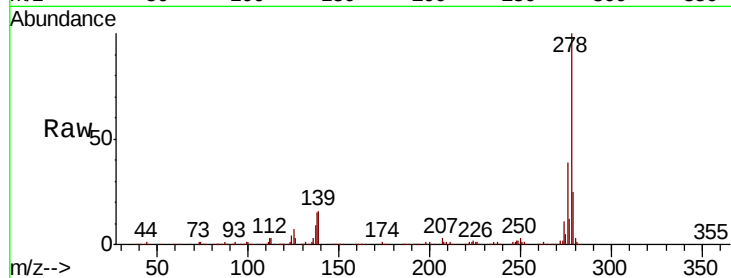




#91
Dibenzo(a,h)anthracene
Concen: 56.143 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
S37-0008MSD

Tot Ion:278 Resp: 1075263
Ion Ratio Lower Upper
278 100
139 16.4 11.5 17.3
279 25.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 56.420 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037568.D
Acq: 26 Oct 2018 6:44

Tgt Ion:276 Resp: 1093226
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 21.2 17.2 25.8

