

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037946.D
 Acq On : 12 Nov 2018 16:08
 Operator : JU/SJ
 Sample : J5895-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 17:17:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48719	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	220805	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	142739	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	320141	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	275692	20.00	ng	-0.02
87) Perylene-d12	25.08	264	268641	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	350110	120.14	ng	-0.01
7) Phenol-d6	7.24	99	515716	117.04	ng	-0.01
23) Nitrobenzene-d5	9.27	82	311985	79.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	179773	115.47	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	726297	76.73	ng	-0.02
79) Terphenyl-d14	20.07	244	990363	76.76	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	34108	23.080	ng	95
3) Pyridine	3.93	79	104783	28.132	ng	96
4) n-Nitrosodimethylamine	3.84	42	47813	36.039	ng	# 99
6) Aniline	7.42	93	142719	26.550	ng	99
8) 2-Chlorophenol	7.65	128	132068	38.741	ng	98
9) Benzaldehyde	7.23	77	81450	29.549	ng	97
10) Phenol	7.26	94	204417	43.968	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	124844	35.355	ng	96
12) 1,3-Dichlorobenzene	7.98	146	131016	34.522	ng	97
13) 1,4-Dichlorobenzene	8.13	146	133650	34.427	ng	97
14) 1,2-Dichlorobenzene	8.44	146	128576	34.431	ng	99
15) Benzyl Alcohol	8.33	79	117987	36.238	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	225559	35.700	ng	97
17) 2-Methylphenol	8.53	107	122617	39.892	ng	98
18) Hexachloroethane	9.17	117	47892	36.186	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	102637	33.825	ng	98
20) 3+4-Methylphenols	8.85	107	168261	38.288	ng	97
22) Acetophenone	8.92	105	197548	35.673	ng	# 97
24) Nitrobenzene	9.31	77	153730	37.543	ng	97
25) Isophorone	9.82	82	293704	40.781	ng	97
26) 2-Nitrophenol	10.02	139	77602	42.069	ng	97
27) 2,4-Dimethylphenol	10.07	122	140543	42.672	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	181209	38.403	ng	100
29) 2,4-Dichlorophenol	10.55	162	149143	40.671	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	148792	37.311	ng	95
31) Naphthalene	10.96	128	432959	39.921	ng	99
32) Benzoic acid	10.16	122	37686	17.617	ng	90
33) 4-Chloroaniline	11.07	127	124252	24.383	ng	97
34) Hexachlorobutadiene	11.22	225	85573	36.206	ng	97
35) Caprolactam	11.86	113	51124	34.761	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	157664	38.123	ng	98
37) 2-Methylnaphthalene	12.56	142	331026	41.871	ng	99
38) 1-Methylnaphthalene	12.78	142	312258	40.671	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	172246	37.411	ng	99

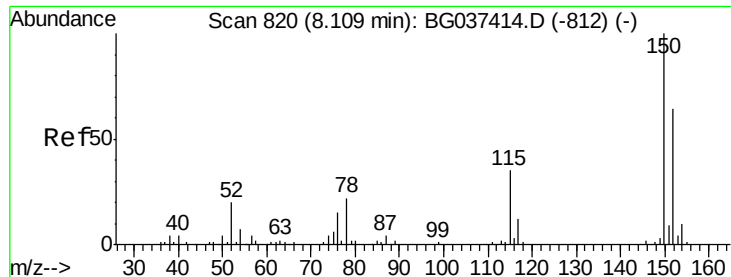
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037946.D
 Acq On : 12 Nov 2018 16:08
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	195393	88.845	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	124379	40.436	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	129817	38.763	ng	98
46) 1,1'-Biphenyl	13.56	154	426208	36.054	ng	98
47) 2-Chloronaphthalene	13.61	162	342218	38.265	ng	97
48) 2-Nitroaniline	13.81	65	107318	39.571	ng	93
49) Acenaphthylene	14.45	152	557849	41.466	ng	100
50) Dimethylphthalate	14.17	163	520514	47.137	ng	100
51) 2,6-Dinitrotoluene	14.30	165	97614	39.959	ng	92
52) Acenaphthene	14.79	154	322478	38.921	ng	96
53) 3-Nitroaniline	14.64	138	84716	31.239	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	49898	57.057	ng	96
55) Dibenzofuran	15.12	168	519815	37.867	ng	100
56) 4-Nitrophenol	14.93	139	138171	68.833	ng	96
57) 2,4-Dinitrotoluene	15.09	165	135159	42.150	ng	92
58) Fluorene	15.77	166	417273	40.592	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114574	39.957	ng	99
60) Diethylphthalate	15.52	149	434033	38.285	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	218164	36.411	ng	96
62) 4-Nitroaniline	15.80	138	98361	36.502	ng	94
63) Azobenzene	16.05	77	398146	36.809	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	60725	38.248	ng	94
66) n-Nitrosodiphenylamine	15.98	169	373912	38.828	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	133200	37.887	ng	99
68) Hexachlorobenzene	16.76	284	137055	37.614	ng	98
69) Atrazine	16.92	200	132434	38.037	ng	98
70) Pentachlorophenol	17.11	266	148928	61.020	ng	94
71) Phenanthrene	17.52	178	658336	40.462	ng	99
72) Anthracene	17.61	178	667769	41.821	ng	100
73) Carbazole	17.88	167	596575	37.351	ng	98
74) Di-n-butylphthalate	18.41	149	707243	39.805	ng	99
75) Fluoranthene	19.52	202	752839	40.796	ng	100
77) Benzidine	19.71	184	261592	27.905	ng	98
78) Pyrene	19.88	202	757957	42.056	ng	99
80) Butylbenzylphthalate	20.75	149	320409	43.440	ng	96
81) Benzo(a)anthracene	21.73	228	683454	41.912	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	179053	28.328	ng	98
83) Chrysene	21.80	228	654897	41.766	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	447099	43.245	ng	99
85) Di-n-octyl phthalate	22.84	149	759121	45.027	ng	97
86) Indeno(1,2,3-cd)pyrene	28.89	276	597071	35.502	ng	# 91
88) Benzo(b)fluoranthene	24.02	252	632101	42.919	ng	98
89) Benzo(k)fluoranthene	24.08	252	647690	44.887	ng	99
90) Benzo(a)pyrene	24.92	252	618972	44.228	ng	100
91) Dibenzo(a,h)anthracene	28.95	278	431399	33.418	ng	98
92) Benzo(g,h,i)perylene	30.09	276	496363	38.005	ng	98

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

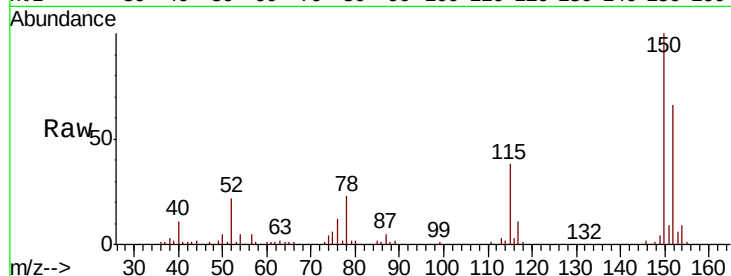


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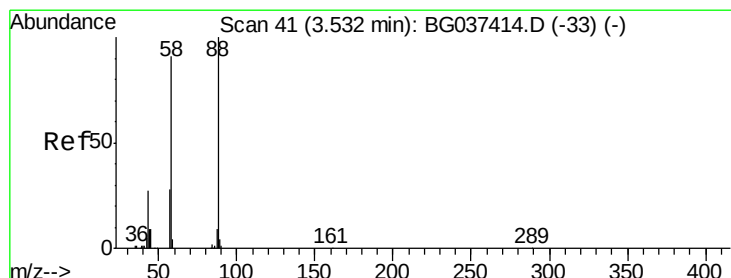
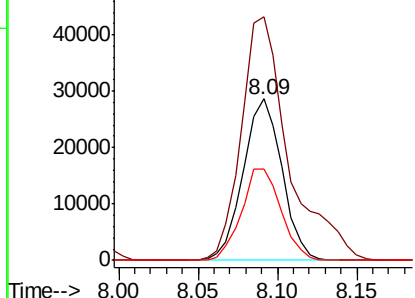
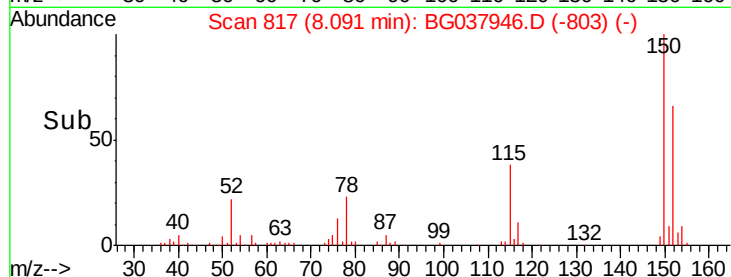
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48719
Ion Ratio Lower Upper
152 100
150 151.0 126.0 189.0
115 57.0 45.5 68.3



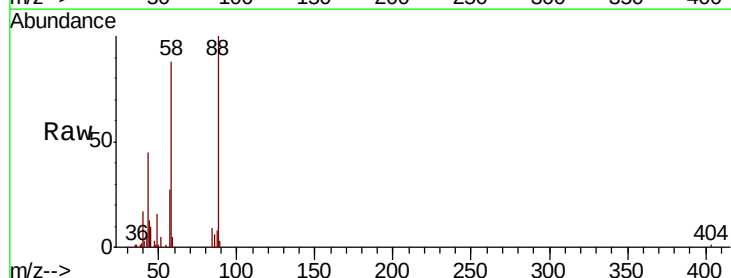
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



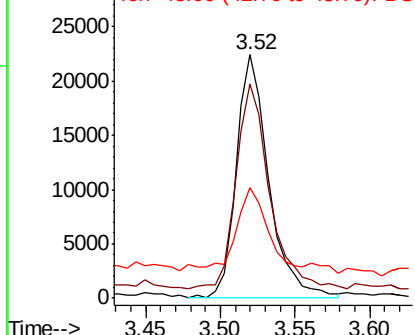
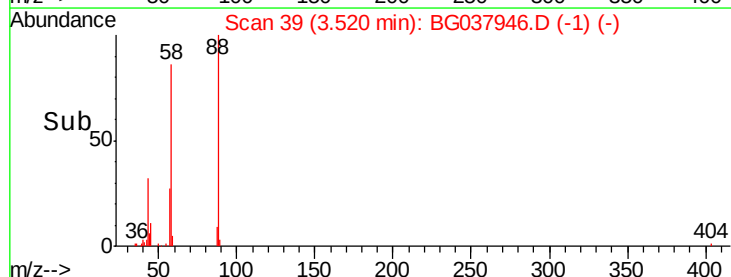
#2

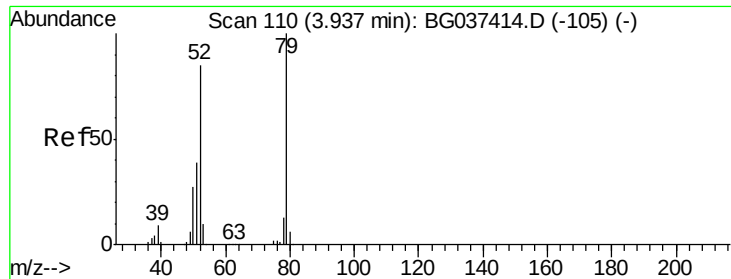
1,4-Dioxane
Concen: 23.080 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion: 88 Resp: 34108
Ion Ratio Lower Upper
88 100
58 86.8 74.4 111.6
43 32.9 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: 28.132 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

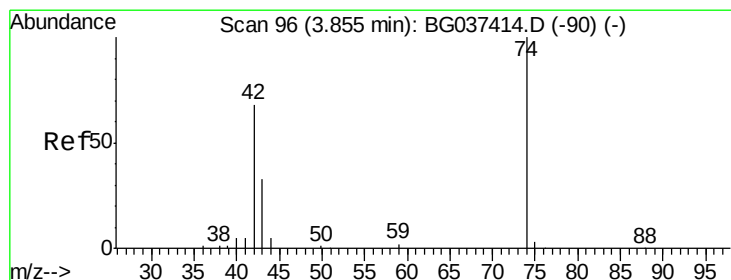
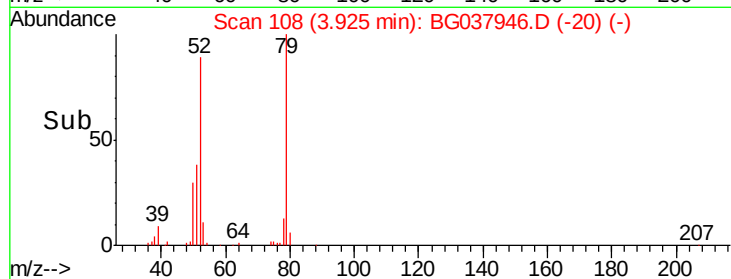
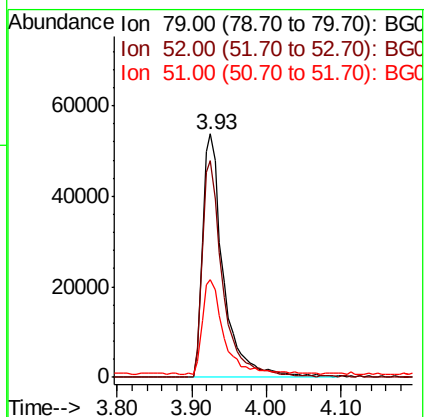
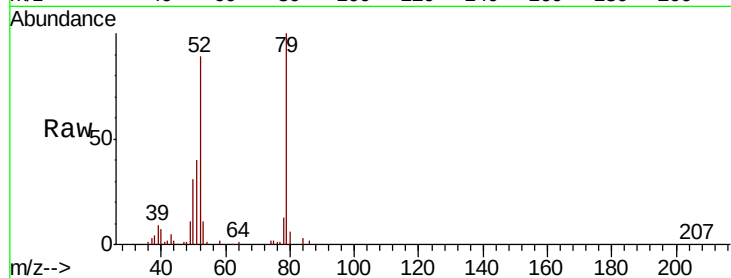
Tot Ion: 79 Resp: 104783

Ion Ratio Lower Upper

79 100

52 89.2 74.2 111.2

51 39.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 36.039 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

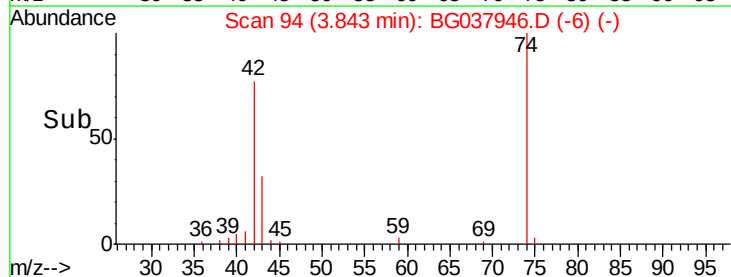
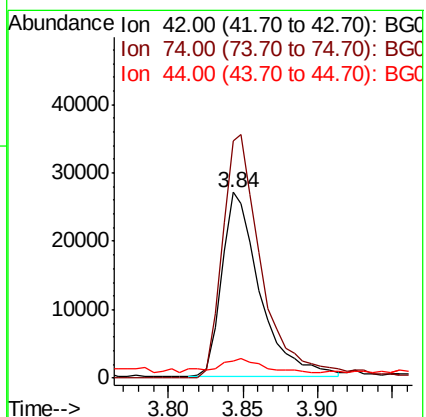
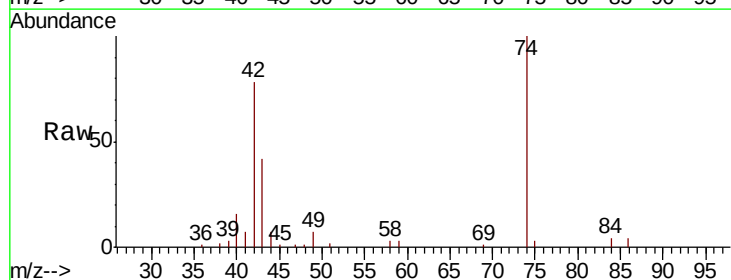
Tgt Ion: 42 Resp: 47813

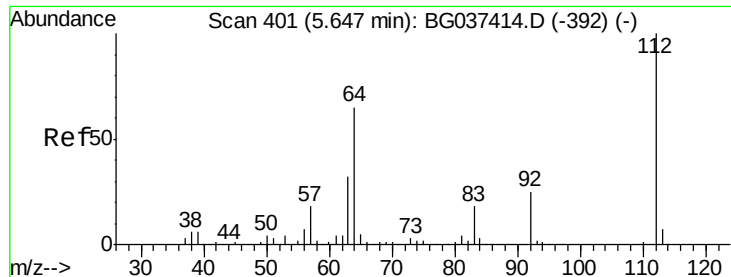
Ion Ratio Lower Upper

42 100

74 127.8 102.0 153.0

44 9.3 9.6 14.4#





#5

2-Fluorophenol

Concen: 120.145 ng

RT: 5.64 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampled :

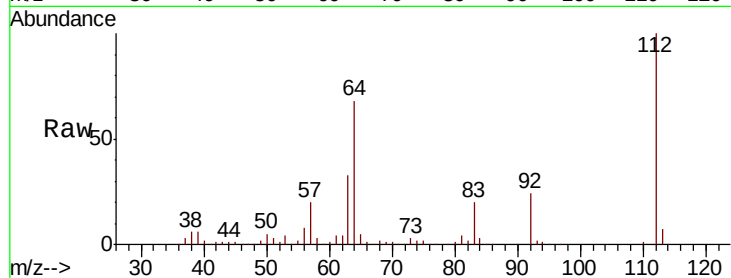
Tot Ion:112 Resp: 350110

Ion Ratio Lower Upper

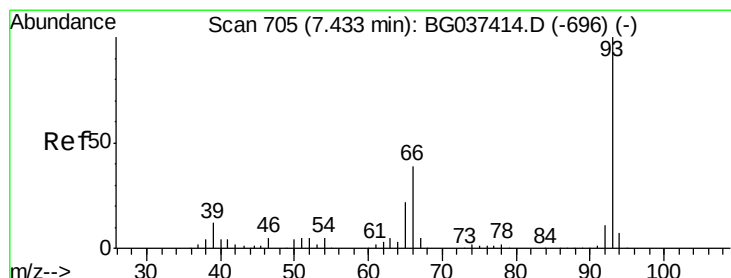
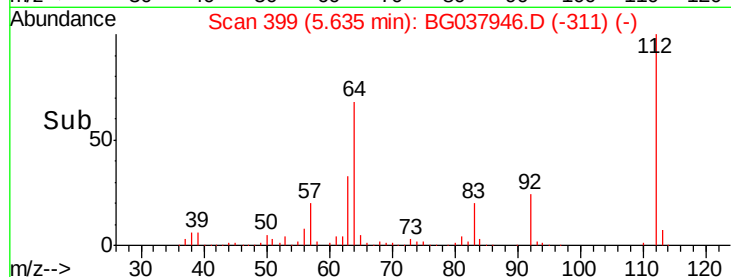
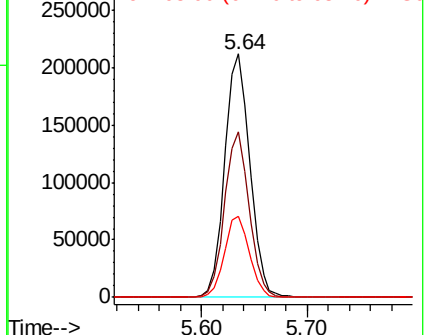
112 100

64 68.1 53.1 79.7

63 33.2 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: 26.550 ng

RT: 7.42 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

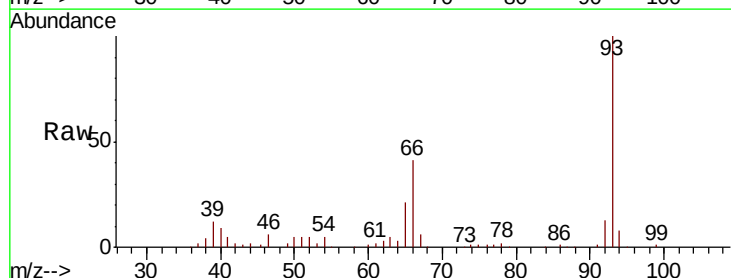
Tgt Ion: 93 Resp: 142719

Ion Ratio Lower Upper

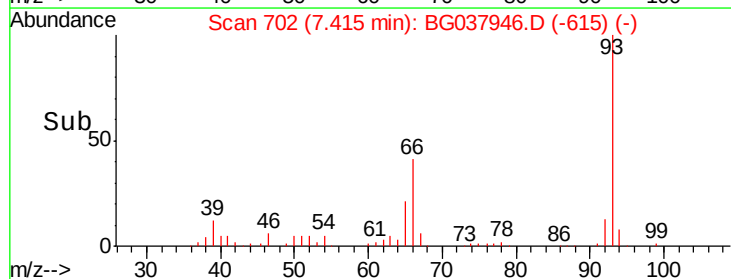
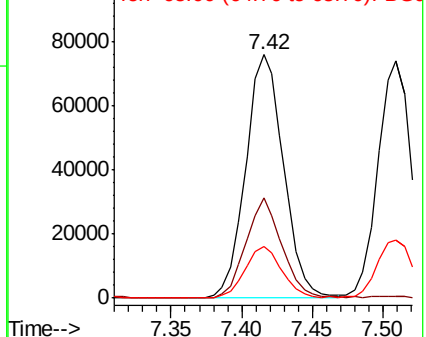
93 100

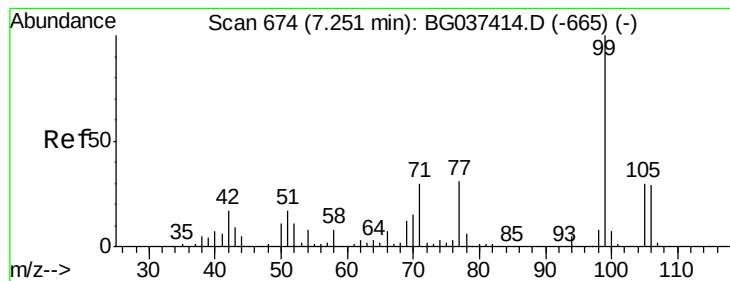
66 41.0 32.8 49.2

65 21.4 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: 117.037 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

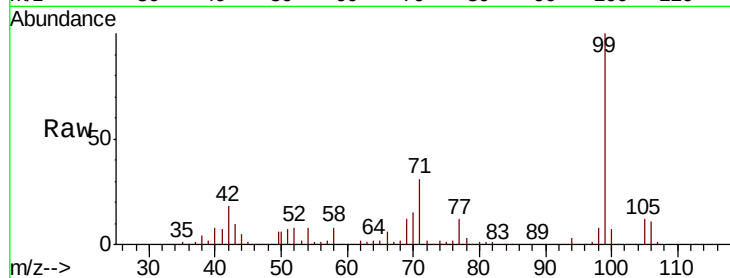
Tot Ion: 99 Resp: 515716

Ion Ratio Lower Upper

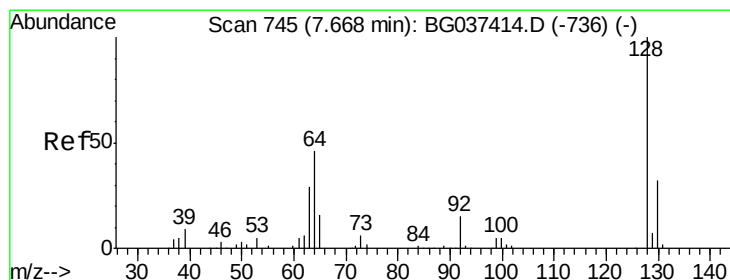
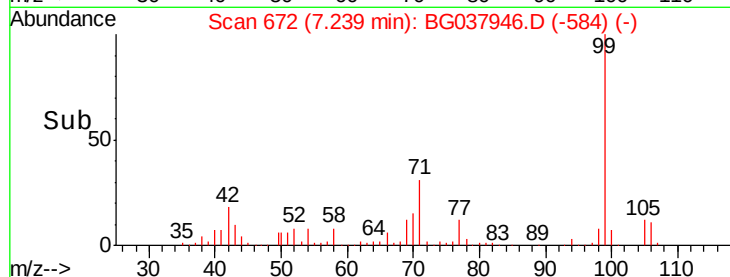
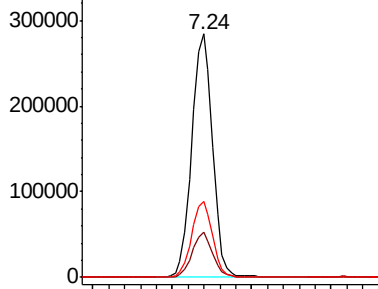
99 100

42 18.3 15.0 22.4

71 31.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 38.741 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

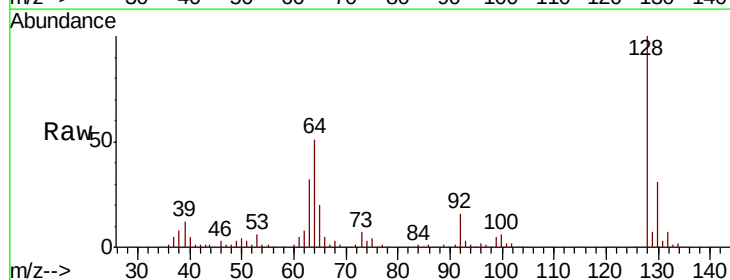
Tgt Ion: 128 Resp: 132068

Ion Ratio Lower Upper

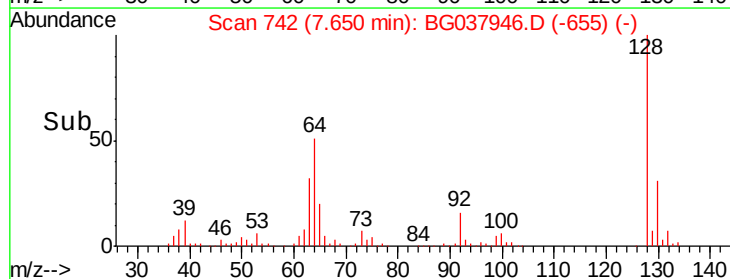
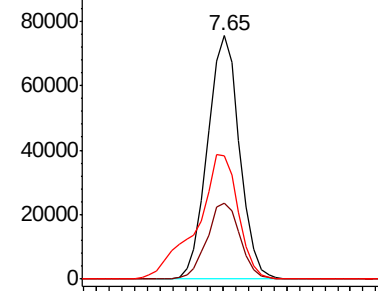
128 100

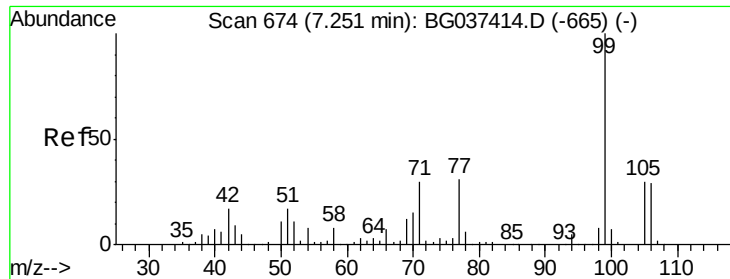
130 31.4 12.0 52.0

64 50.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.549 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampled :

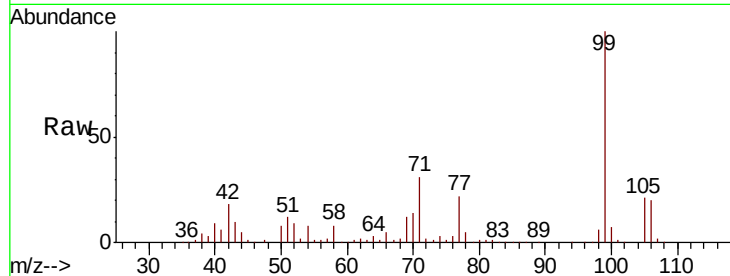
Tot Ion: 77 Resp: 81450

Ion Ratio Lower Upper

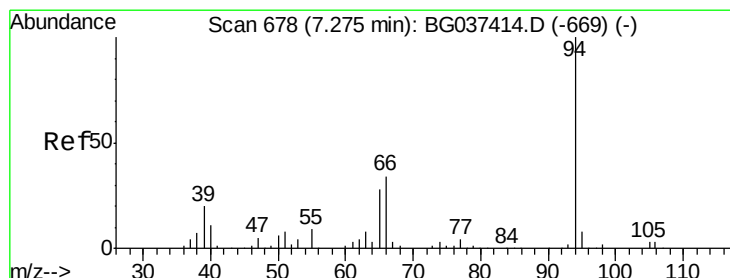
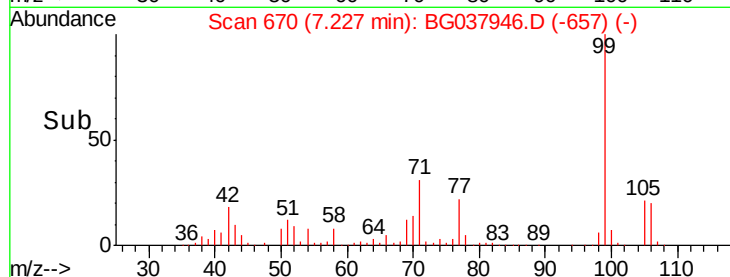
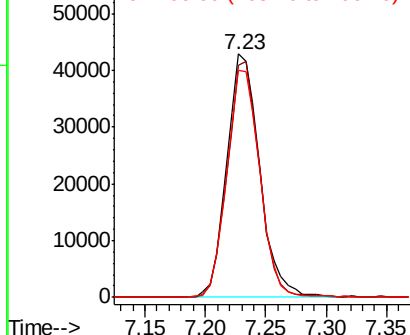
77 100

105 95.4 72.6 112.6

106 93.5 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: 43.968 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

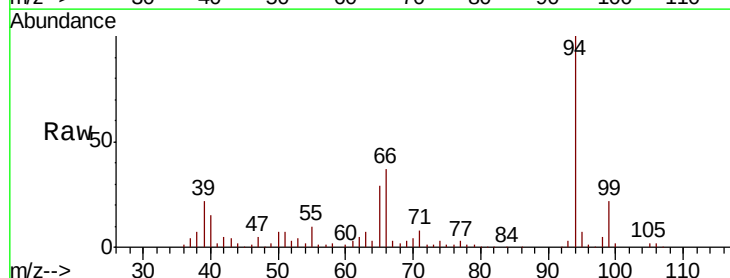
Tgt Ion: 94 Resp: 204417

Ion Ratio Lower Upper

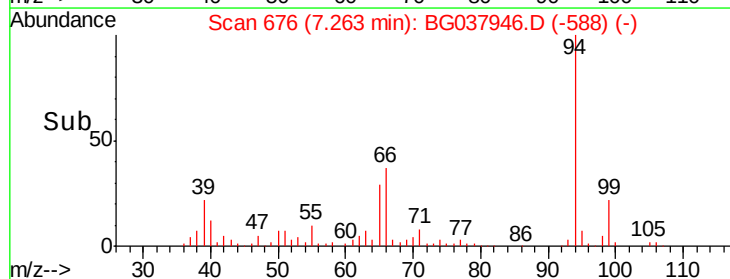
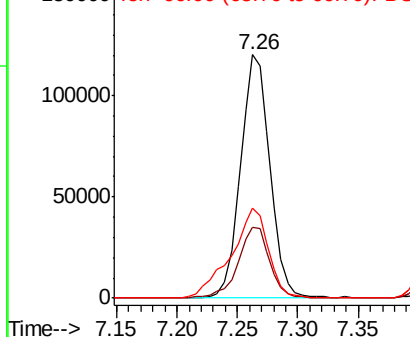
94 100

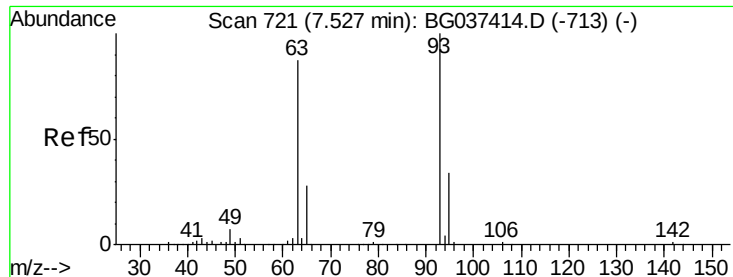
65 29.2 9.7 49.7

66 36.9 15.9 55.9



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

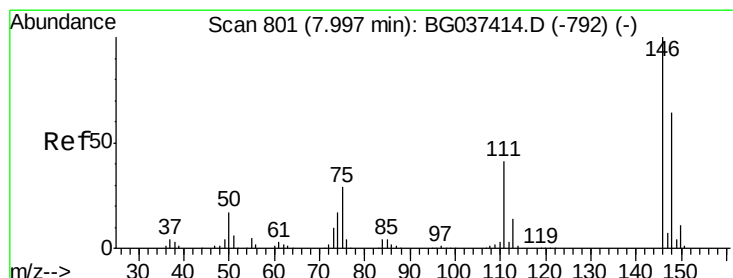
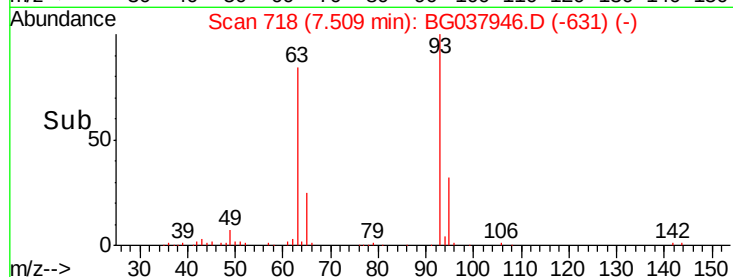
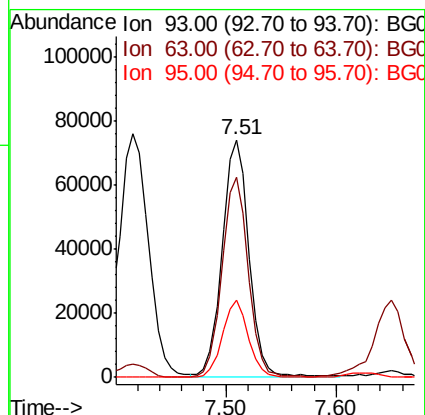
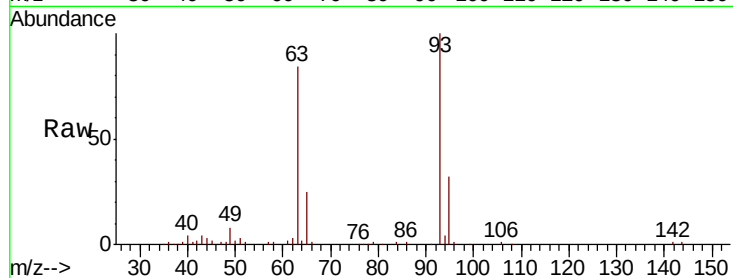




#11
 bis(2-Chloroethyl)ether
 Concen: 35.355 ng
 RT: 7.51 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

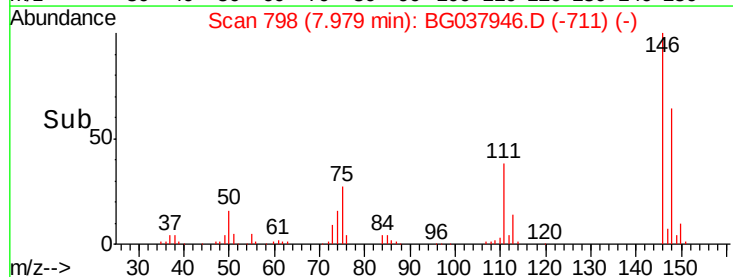
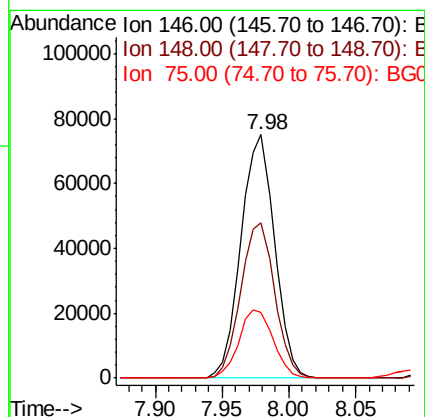
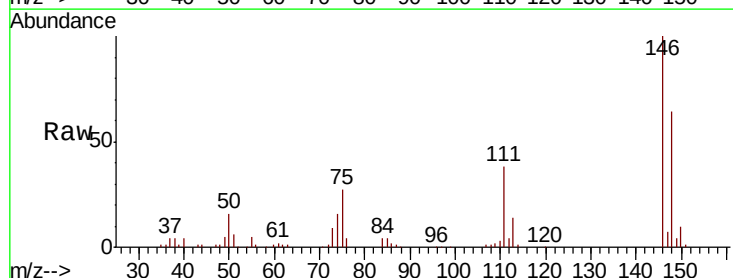
Instrument :
 BNA_G
 ClientSampleId :

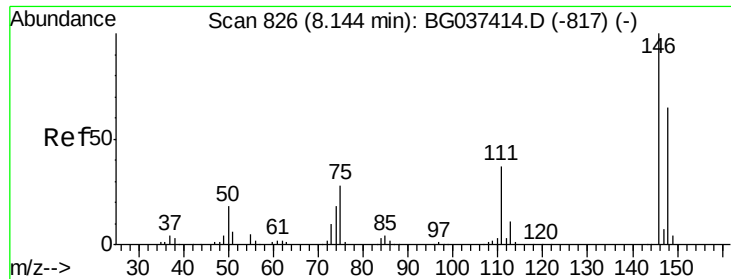
Tot Ion: 93 Resp: 124844
 Ion Ratio Lower Upper
 93 100
 63 84.3 69.5 109.5
 95 32.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 34.522 ng
 RT: 7.98 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion: 146 Resp: 131016
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.8 74.8
 75 26.9 23.2 34.8

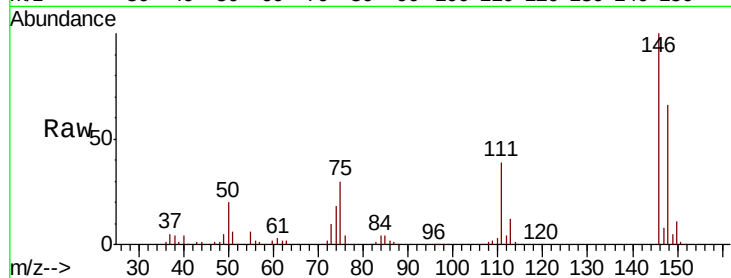




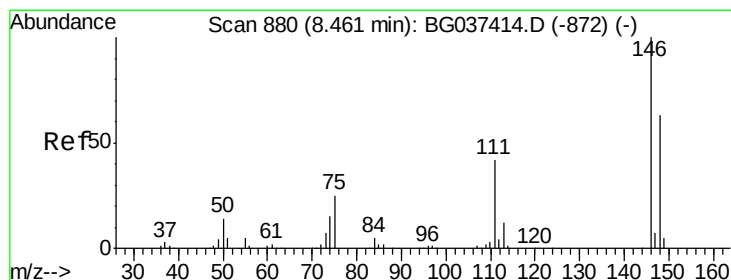
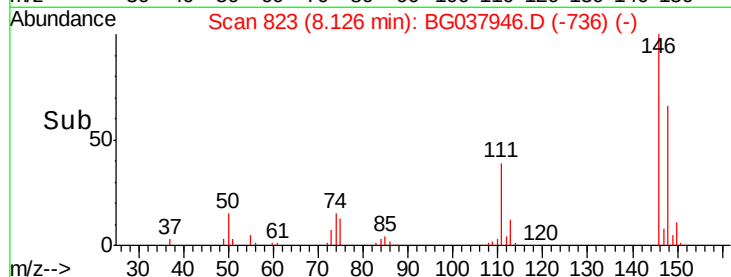
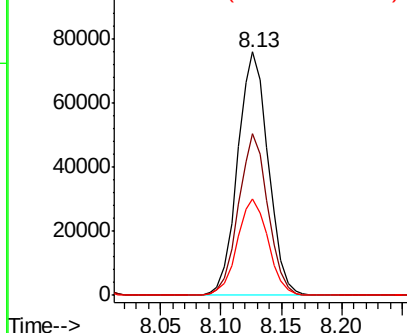
#13
 1,4-Dichlorobenzene
 Concen: 34.427 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 133650
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 111 39.4 32.4 48.6

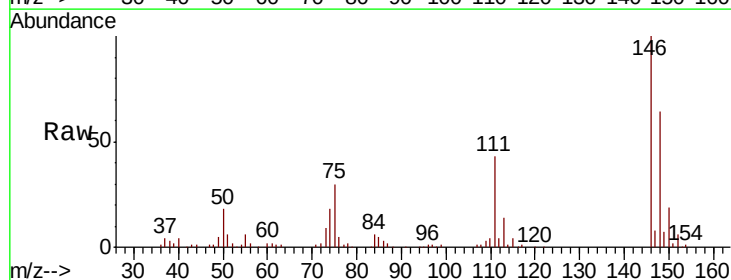


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

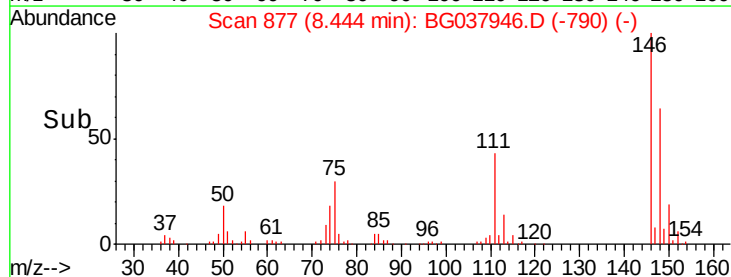
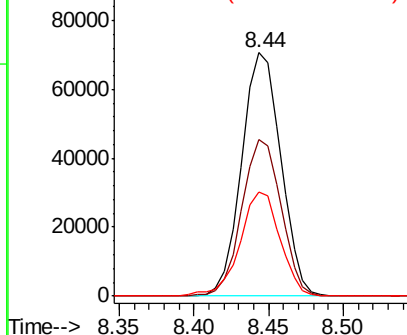


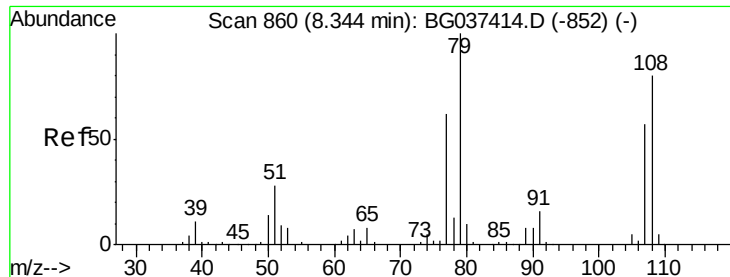
#14
 1,2-Dichlorobenzene
 Concen: 34.431 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:146 Resp: 128576
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 42.8 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: 36.238 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampled :

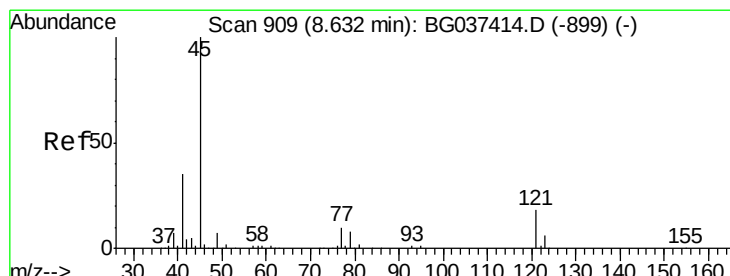
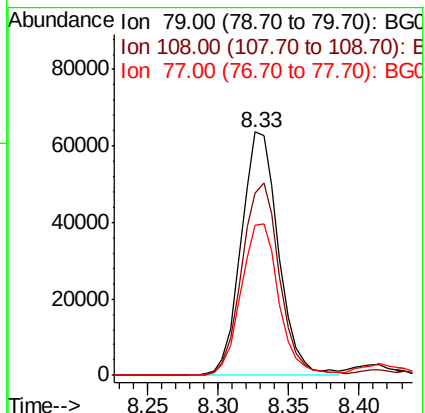
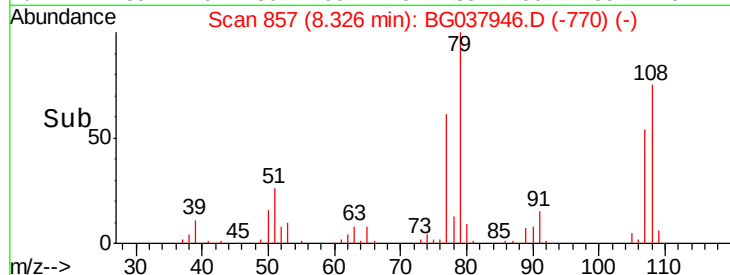
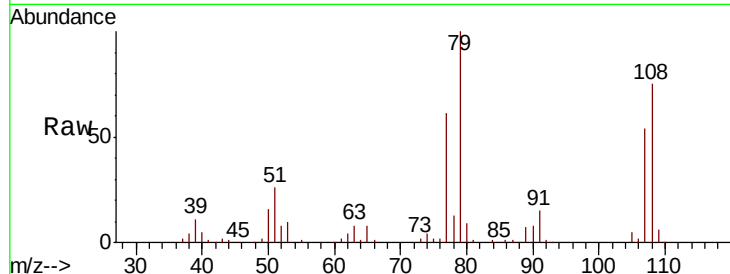
Tot Ion: 79 Resp: 117987

Ion Ratio Lower Upper

79 100

108 74.7 65.8 98.8

77 61.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.700 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

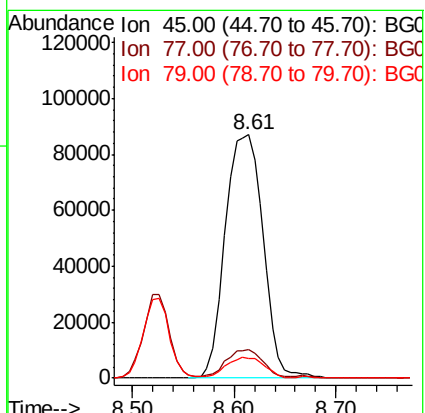
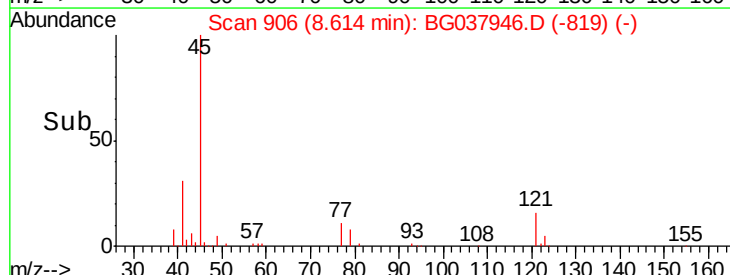
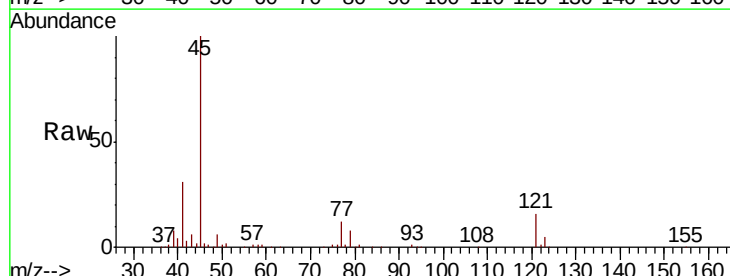
Tgt Ion: 45 Resp: 225559

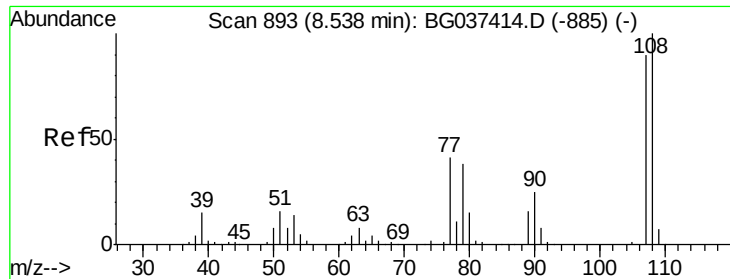
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.0

79 8.1 0.0 29.0

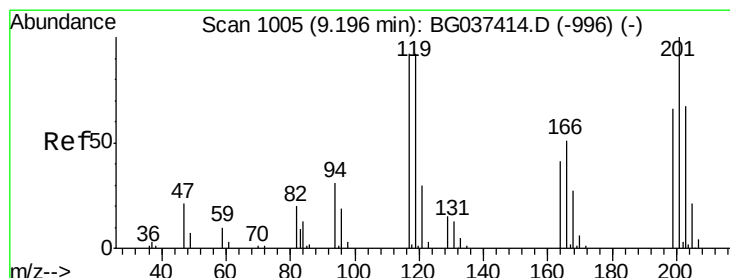
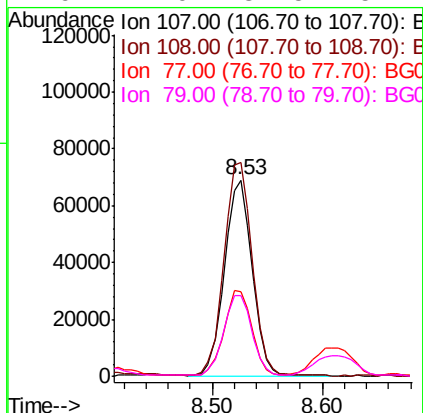
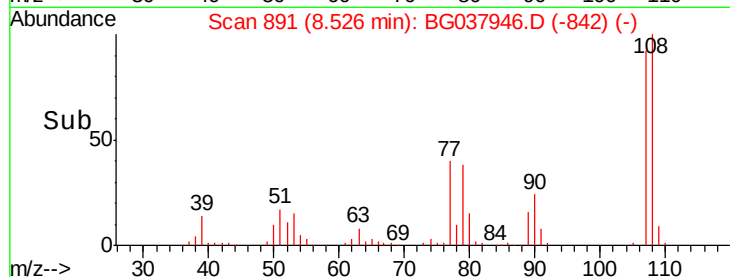
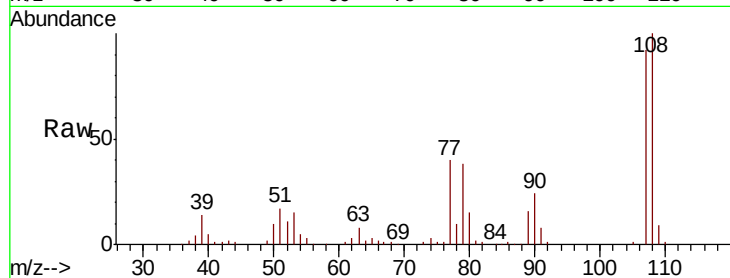




#17
2-Methylphenol
Concen: 39.892 ng
RT: 8.53 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

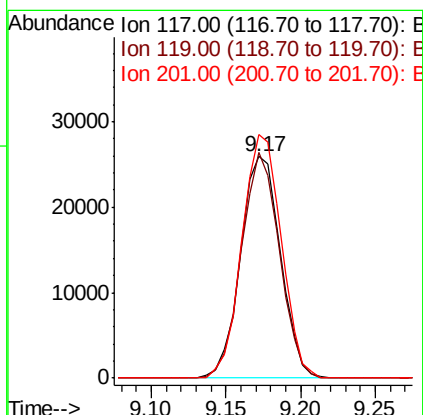
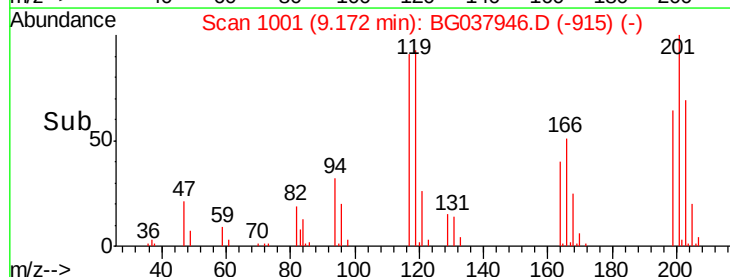
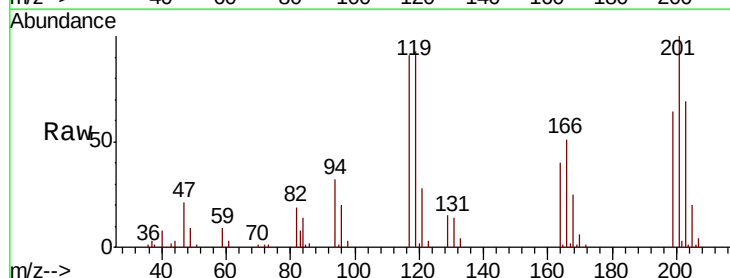
Instrument :
BNA_G
ClientSampled :

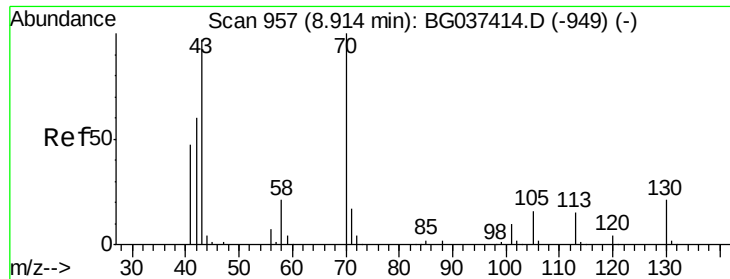
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.9	131.9
77	43.0	35.1	52.7
79	41.0	34.5	51.7



#18
Hexachloroethane
Concen: 36.186 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.0	74.6	111.8
201	113.3	80.8	121.2

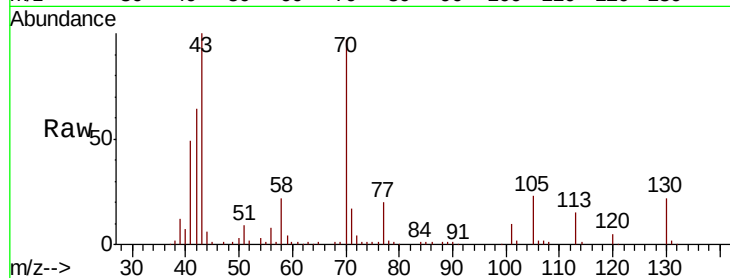




#19
n-Nitroso-di-n-propylamine
Concen: 33.825 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	102637
Ion	Ratio	Lower	Upper
70	100		
42	65.4	53.9	80.9
101	10.8	8.2	12.2
130	22.6	18.2	27.4



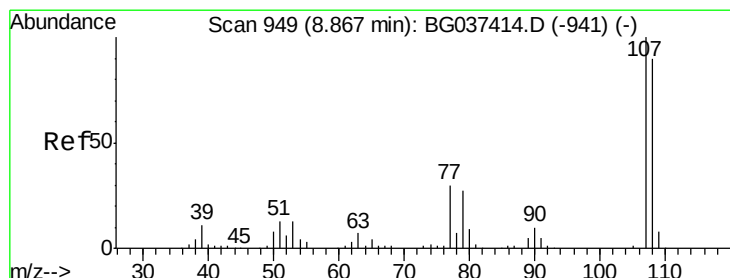
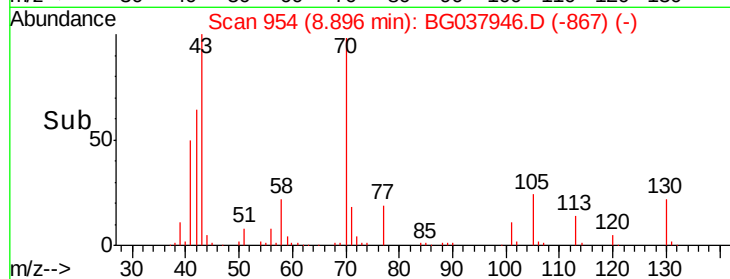
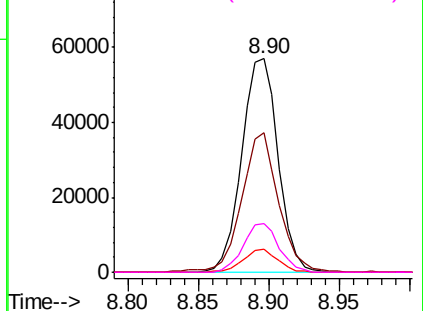
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

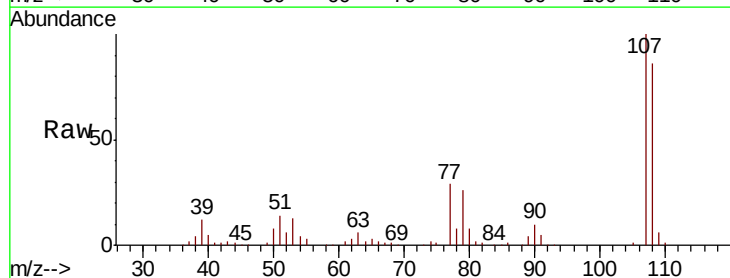
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.288 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:	107	Resp:	168261
Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.9	109.9
77	29.4	11.2	51.2
79	26.0	6.6	46.6



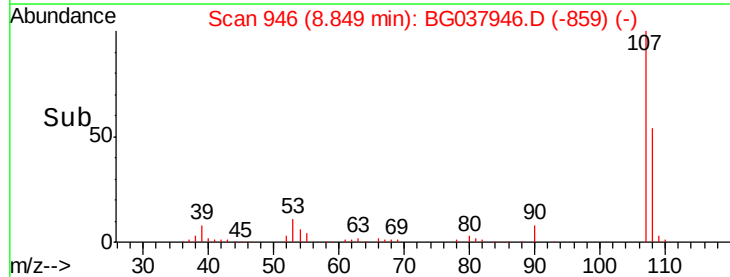
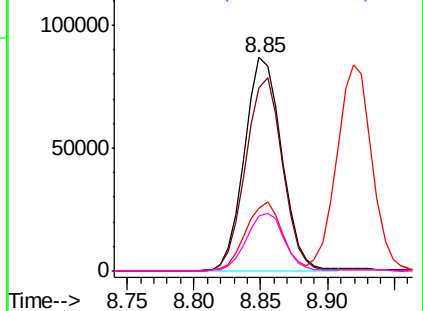
Abundance

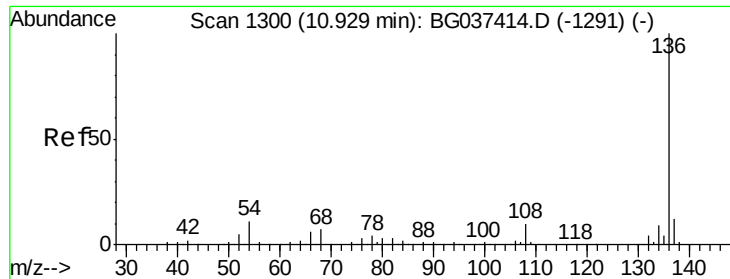
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

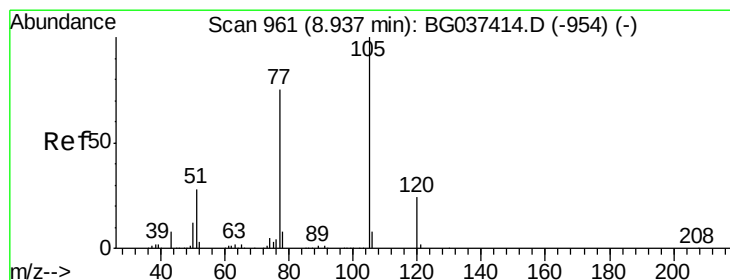
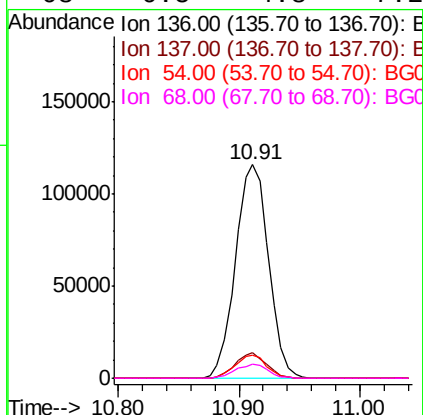
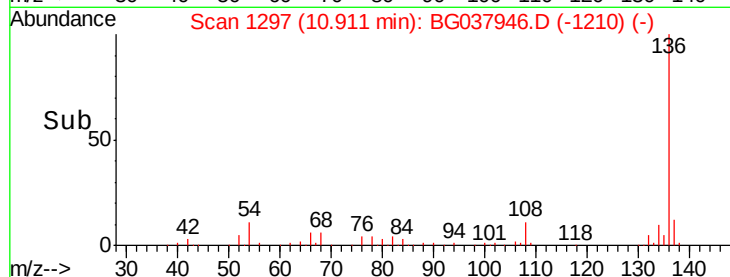
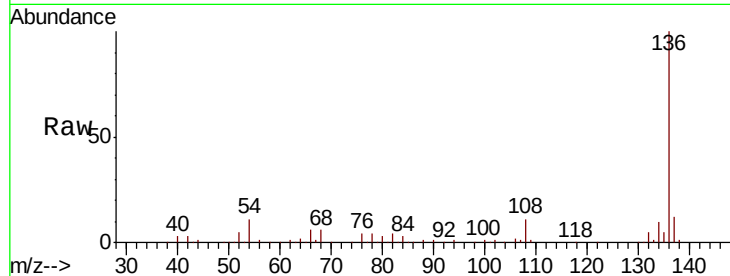




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

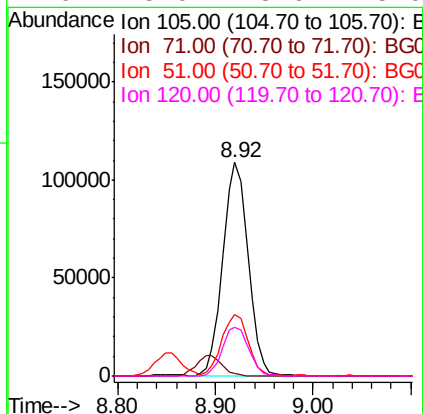
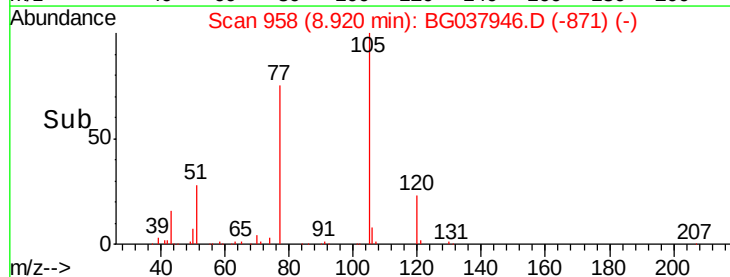
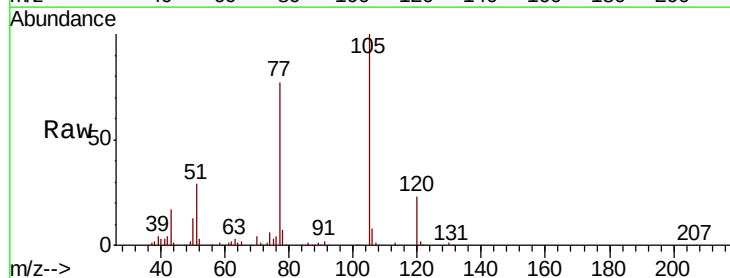
Instrument :
BNA_G
ClientSampleId :

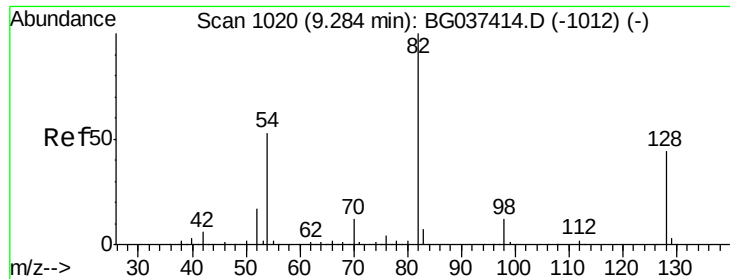
Tot Ion:136	Resp:	220805
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	10.6	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 35.673 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:105	Resp:	197548
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.2 1.8#
51	28.6	25.0 37.6
120	23.0	18.6 28.0

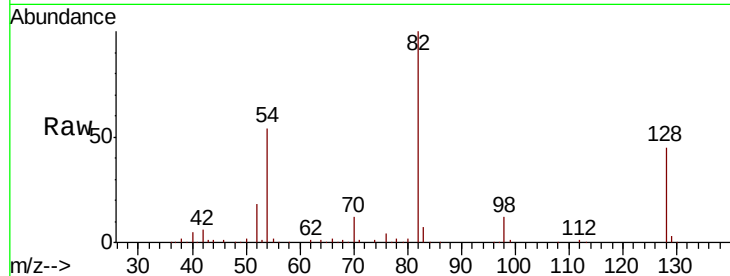




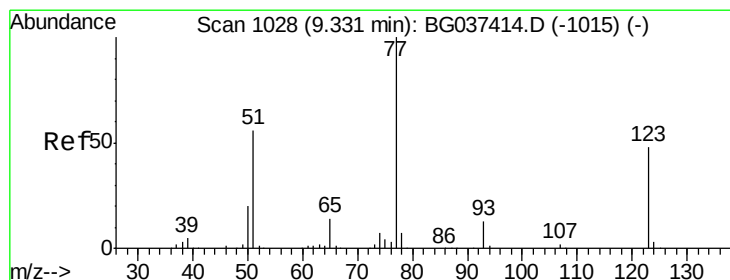
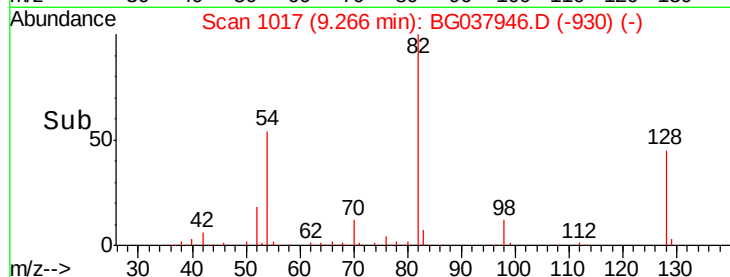
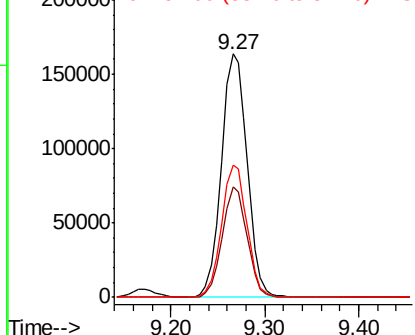
#23
 Nitrobenzene-d5
 Concen: 79.152 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 311985
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 54.4 45.3 67.9

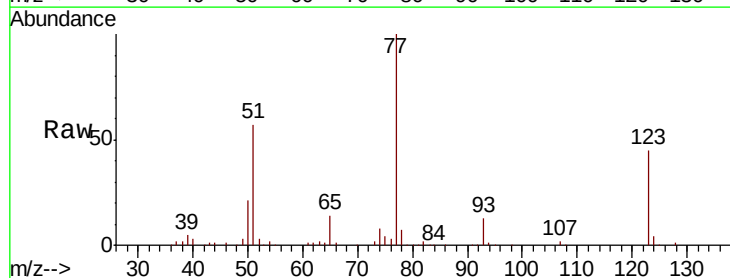


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

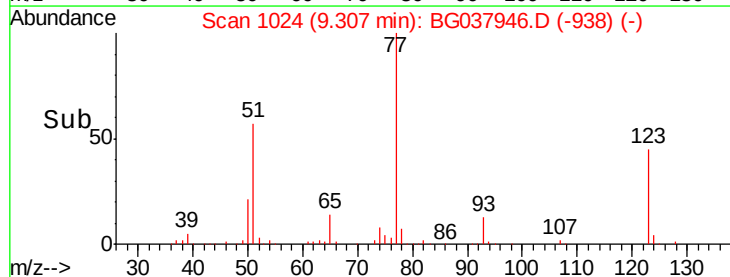
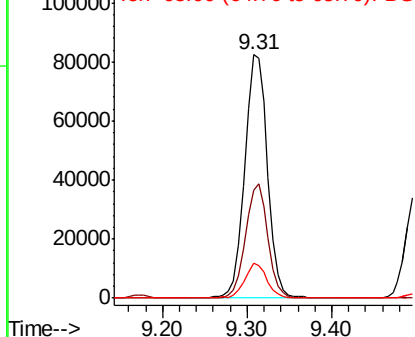


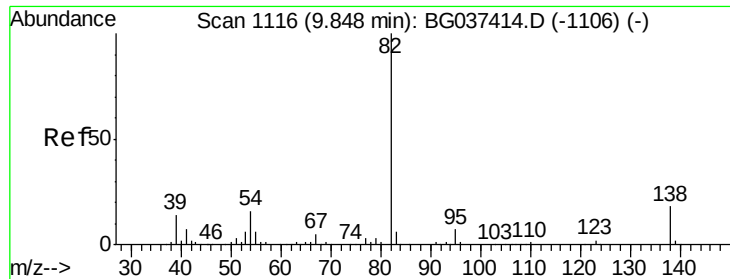
#24
 Nitrobenzene
 Concen: 37.543 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion: 77 Resp: 153730
 Ion Ratio Lower Upper
 77 100
 123 44.6 33.6 50.4
 65 14.3 11.3 16.9



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





#25

Isophorone

Concen: 40.781 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

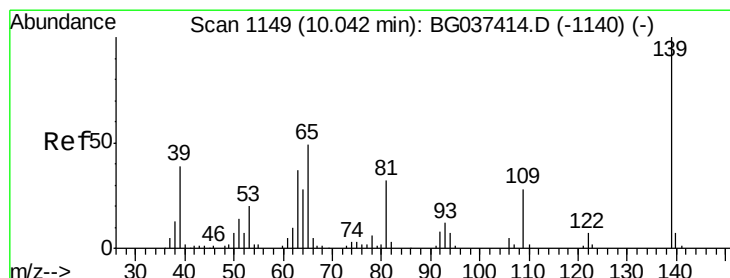
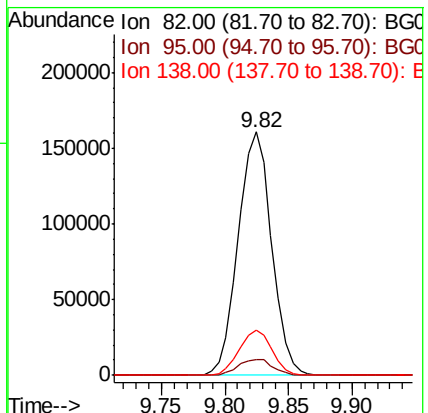
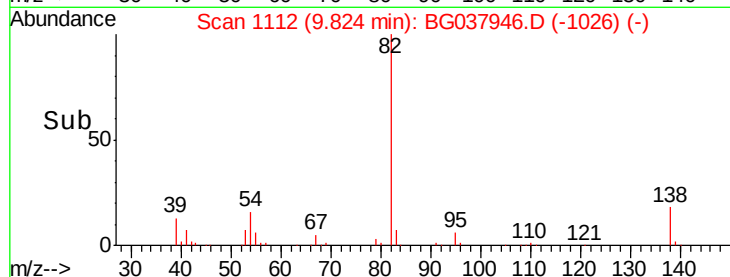
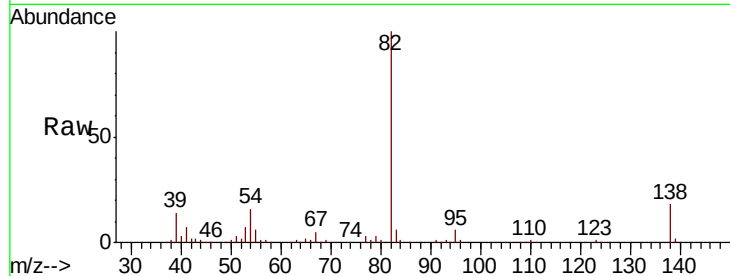
Tot Ion: 82 Resp: 293704

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.3 13.3 19.9



#26

2-Nitrophenol

Concen: 42.069 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

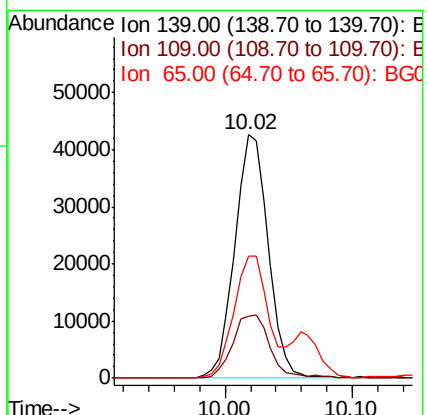
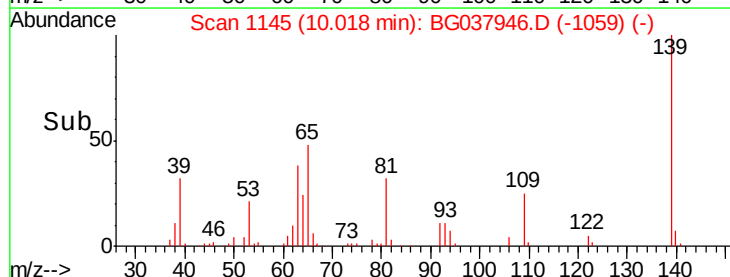
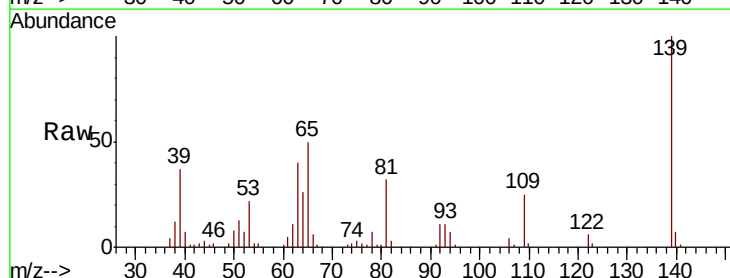
Tgt Ion: 139 Resp: 77602

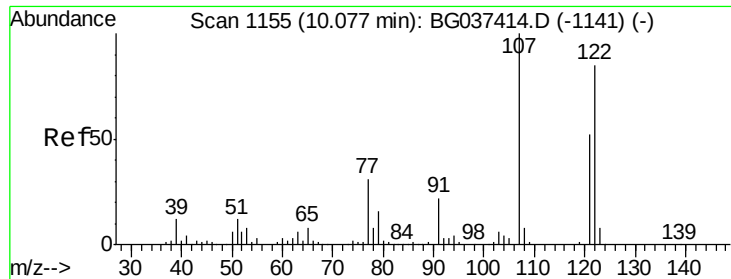
Ion Ratio Lower Upper

139 100

109 25.3 23.3 34.9

65 50.1 39.8 59.8

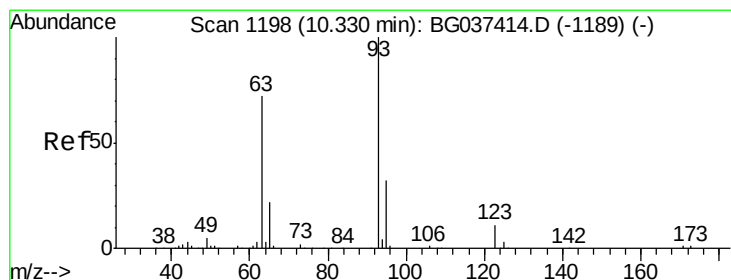
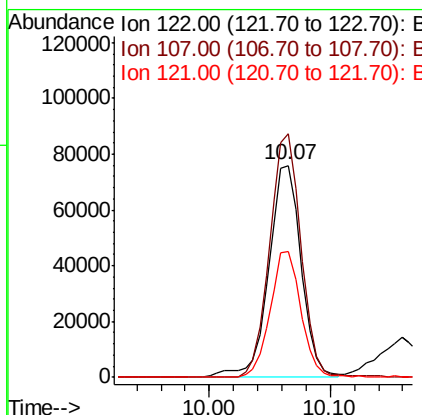
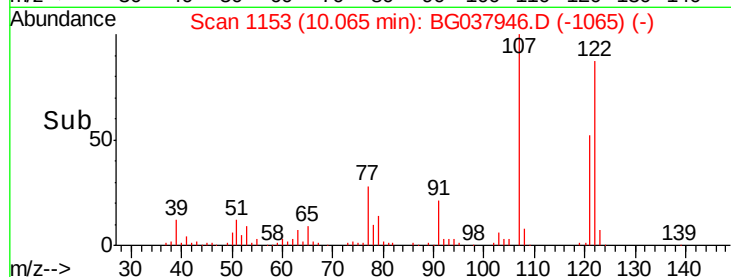
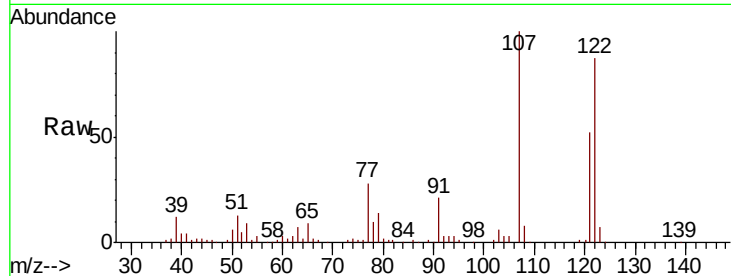




#27
 2,4-Dimethylphenol
 Concen: 42.672 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

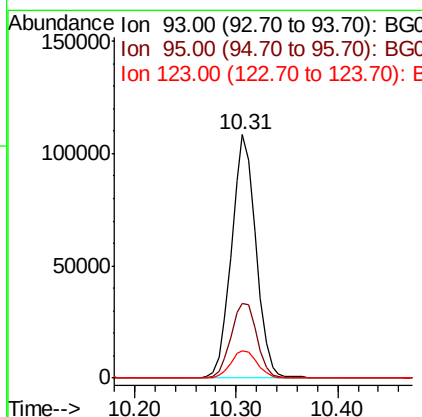
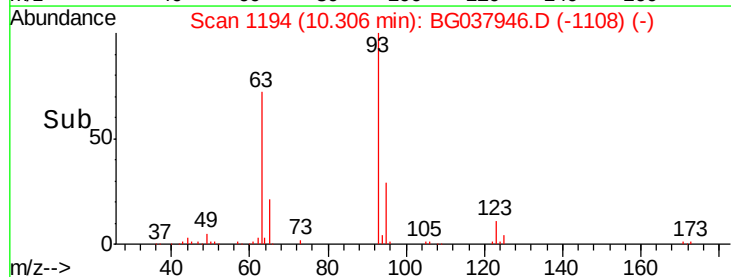
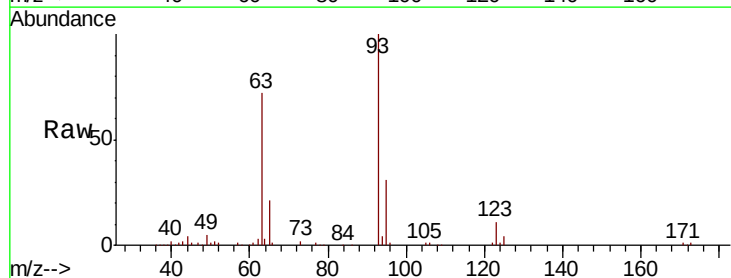
Instrument :
 BNA_G
 ClientSampled :

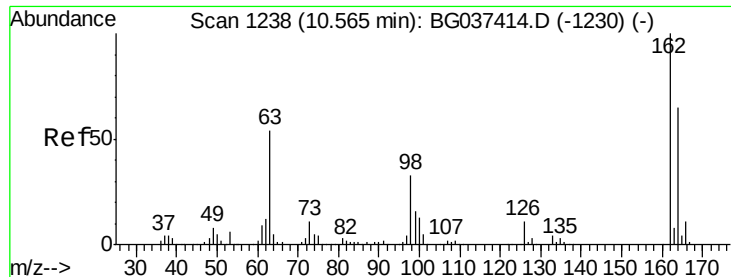
Tot Ion:122 Resp: 140543
 Ion Ratio Lower Upper
 122 100
 107 115.0 94.2 141.2
 121 59.5 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.403 ng
 RT: 10.31 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion: 93 Resp: 181209
 Ion Ratio Lower Upper
 93 100
 95 30.8 24.6 37.0
 123 11.4 9.1 13.7

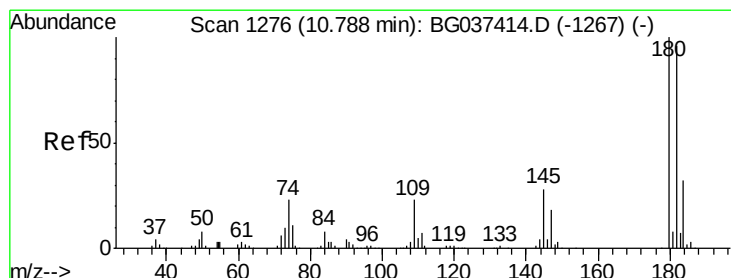
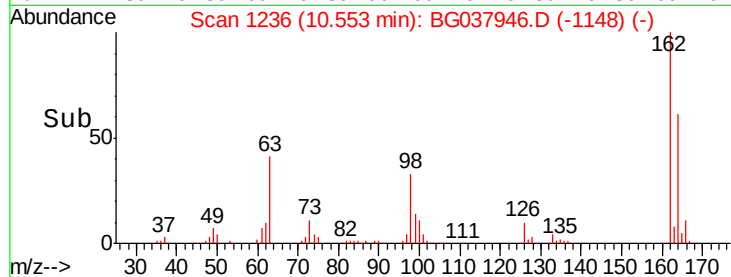
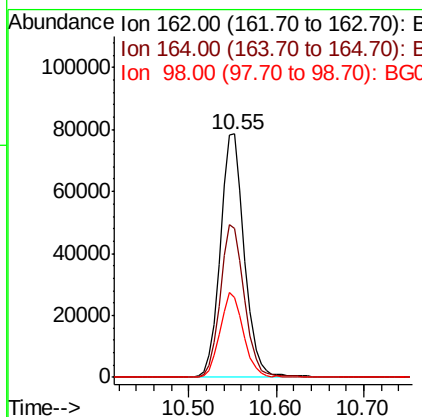
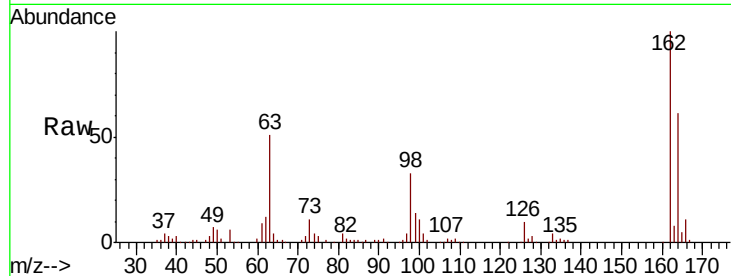




#29
 2,4-Dichlorophenol
 Concen: 40.671 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

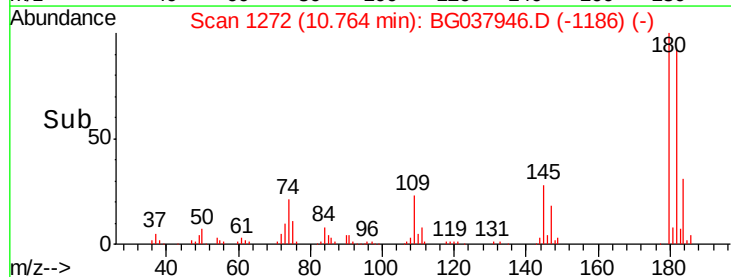
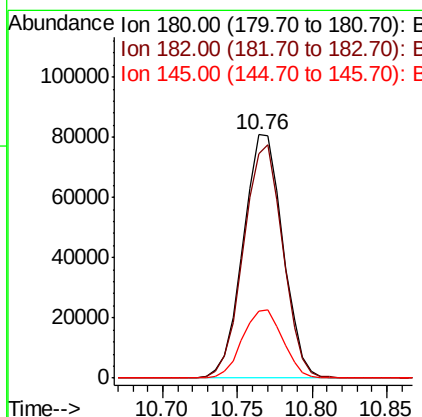
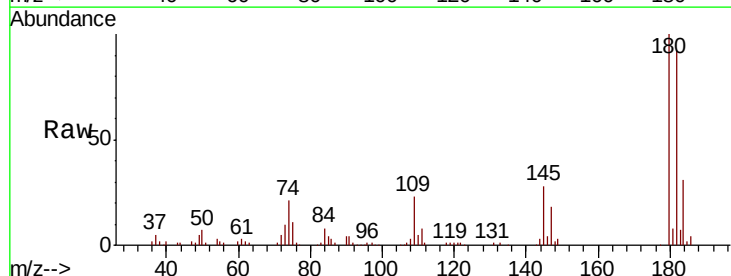
Instrument :
 BNA_G
 ClientSampled :

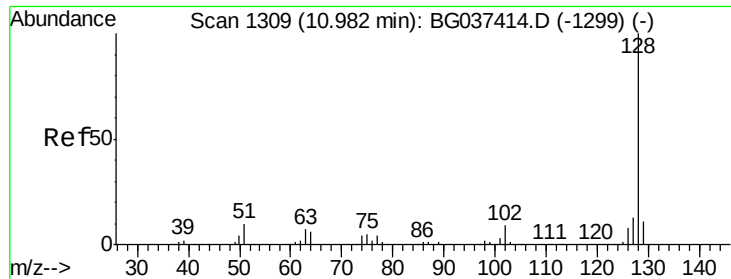
Tot Ion:162 Resp: 149143
 Ion Ratio Lower Upper
 162 100
 164 61.0 43.2 83.2
 98 32.7 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.311 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:180 Resp: 148792
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.7 116.5
 145 27.5 23.3 34.9

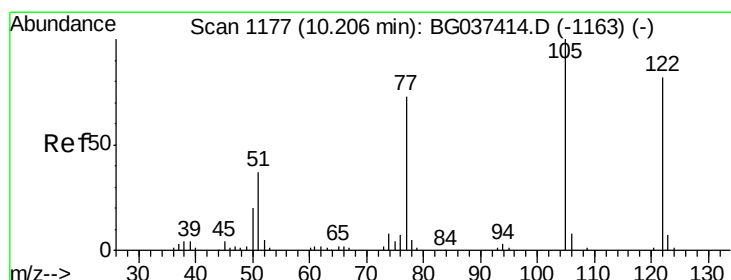
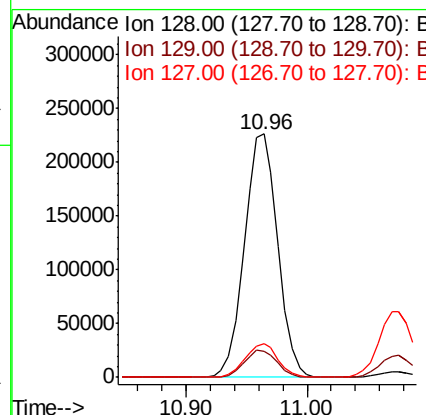
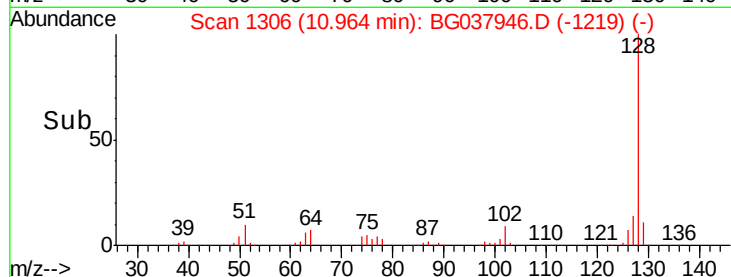
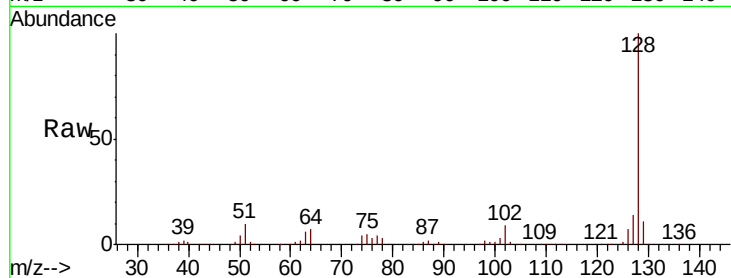




#31
Naphthalene
Concen: 39.921 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

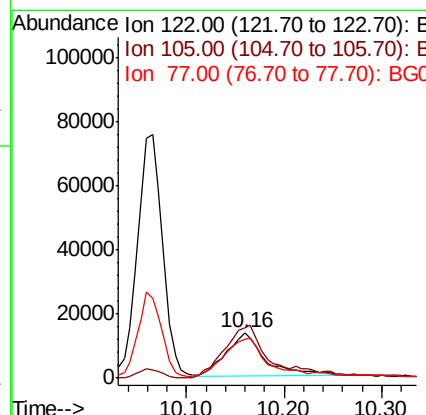
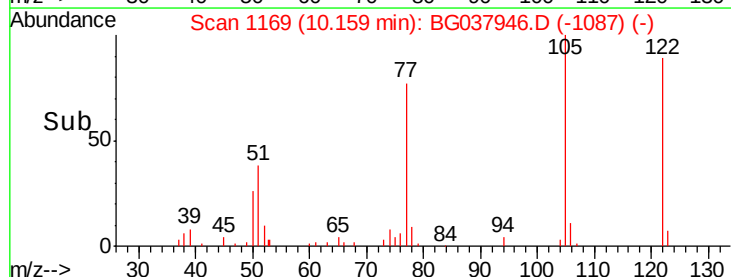
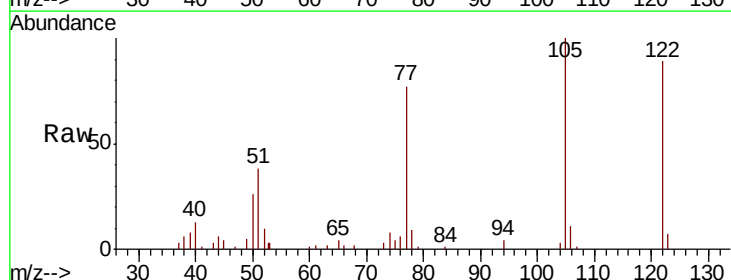
Instrument :
BNA_G
ClientSampleId :

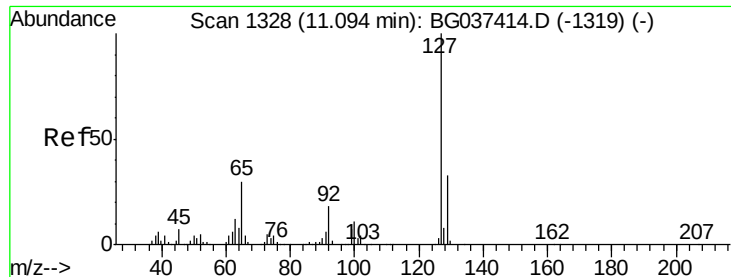
Tot Ion:128 Resp: 432959
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 17.617 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:122 Resp: 37686
Ion Ratio Lower Upper
122 100
105 111.8 106.7 146.7
77 85.7 72.2 112.2

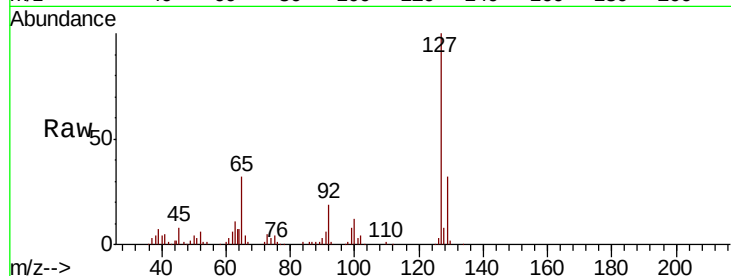




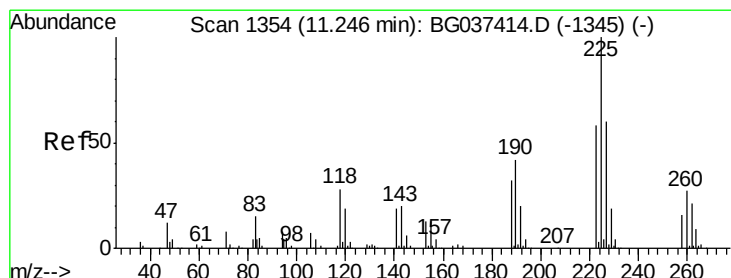
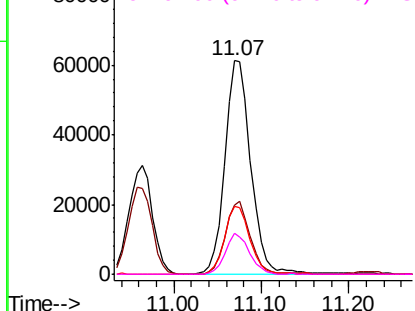
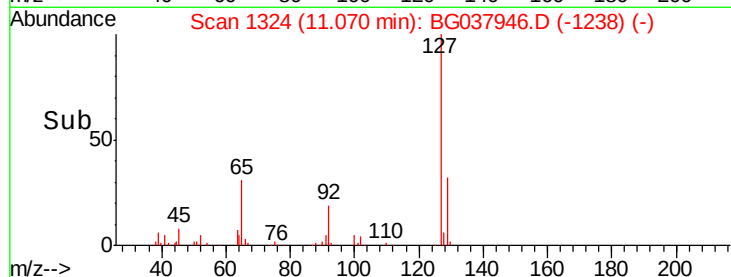
#33
4-Chloroaniline
Concen: 24.383 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	124252
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.1	40.7
65	31.7	26.6	39.8
92	19.4	16.4	24.6

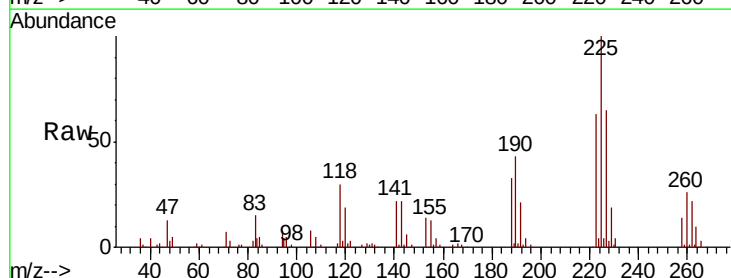


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

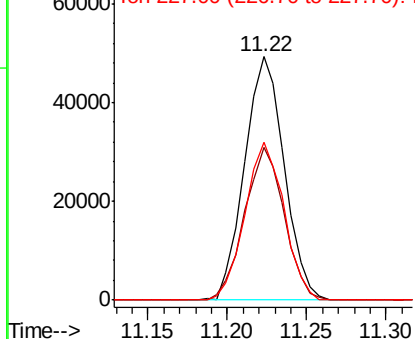
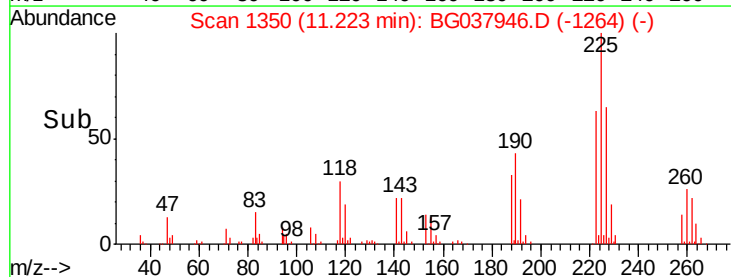


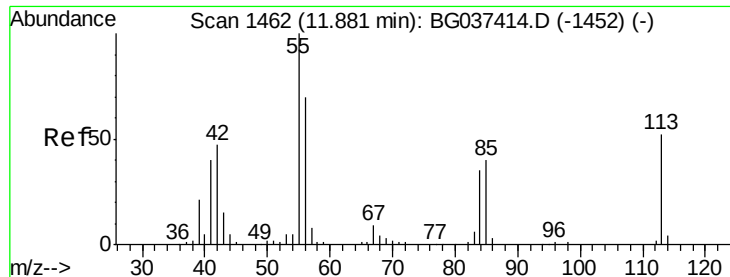
#34
Hexachlorobutadiene
Concen: 36.206 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:	225	Resp:	85573
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.2	72.4
227	65.1	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

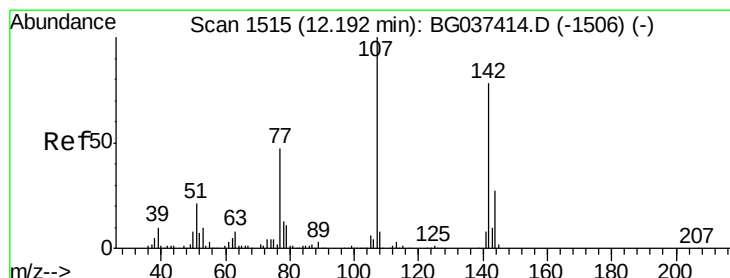
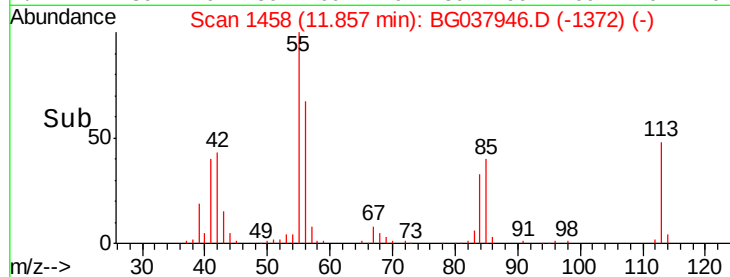
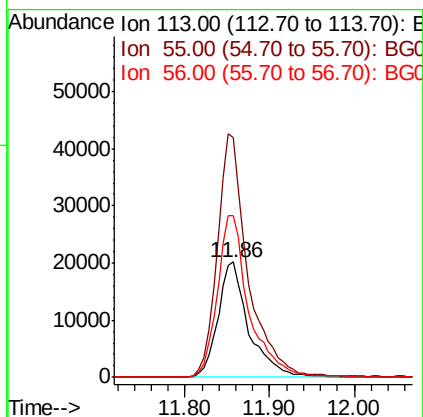
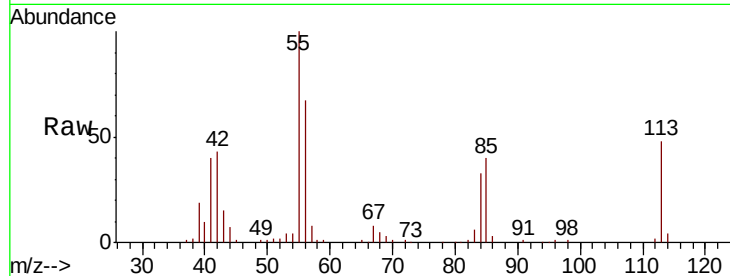




#35
 Caprolactam
 Concen: 34.761 ng
 RT: 11.86 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

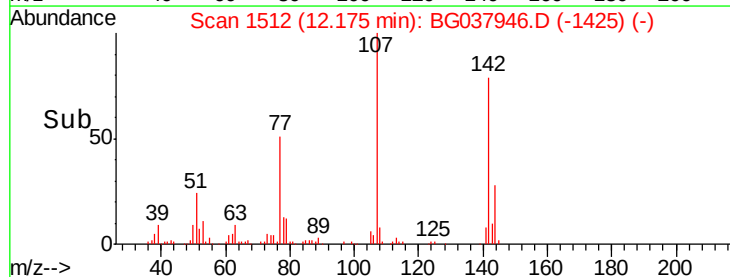
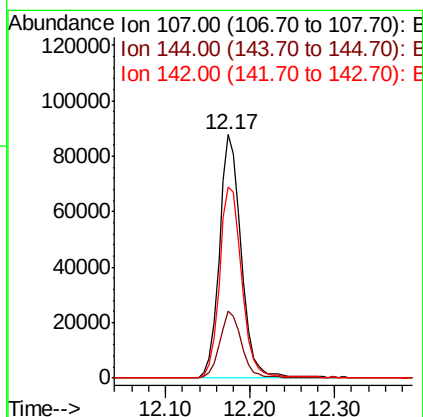
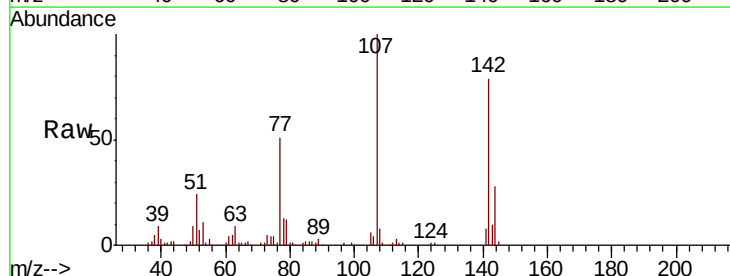
Instrument :
 BNA_G
 ClientSampled :

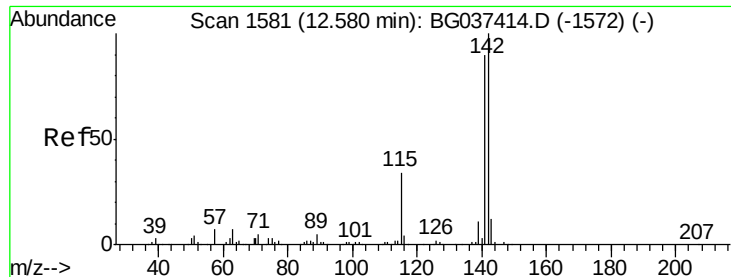
Tot Ion:113 Resp: 51124
 Ion Ratio Lower Upper
 113 100
 55 208.5 176.6 216.6
 56 140.6 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.123 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:107 Resp: 157664
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.7 31.1
 142 78.8 64.4 96.6

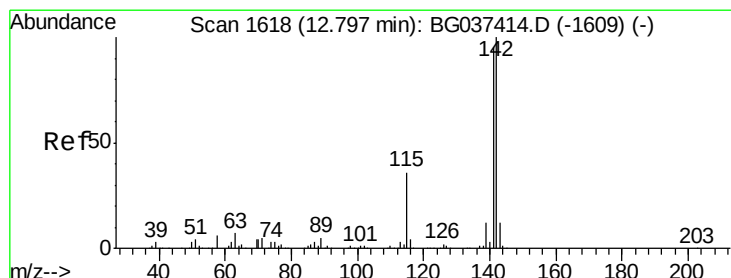
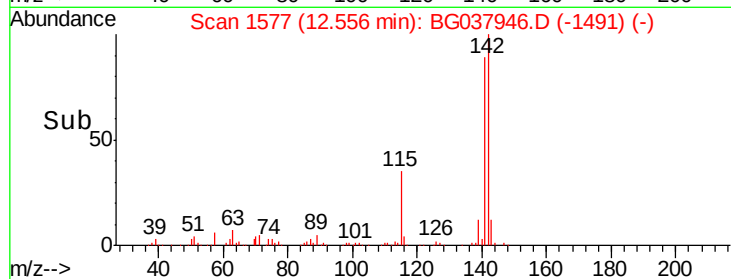
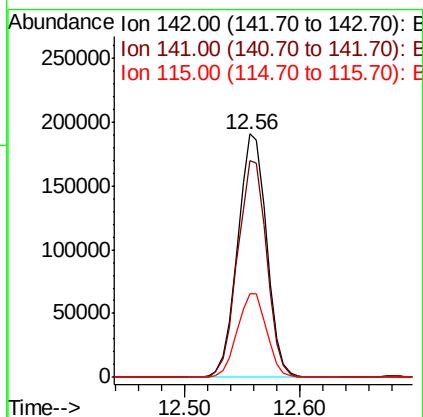
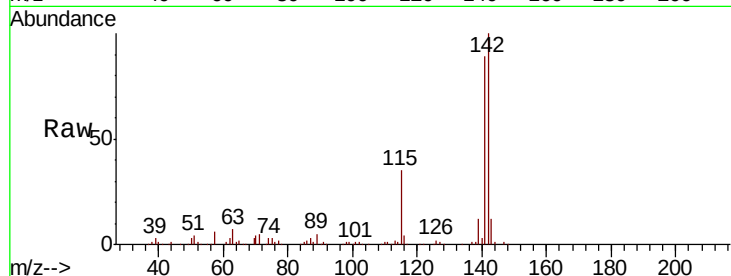




#37
2-Methylnaphthalene
Concen: 41.871 ng
RT: 12.56 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

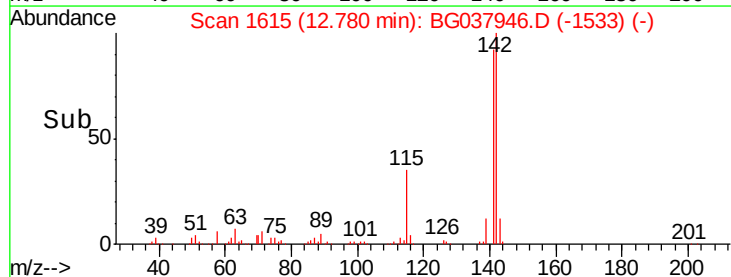
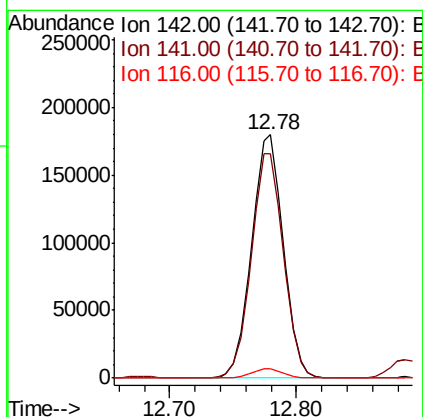
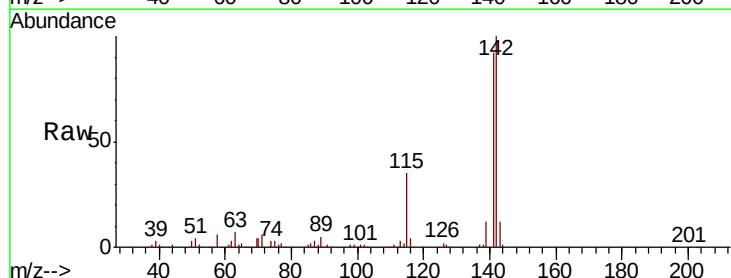
Instrument :
BNA_G
ClientSampleId :

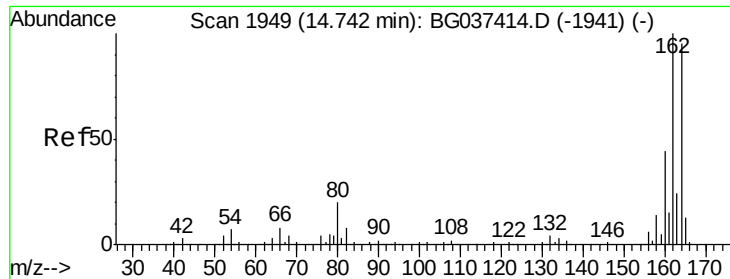
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	34.6	27.8	41.8



#38
1-Methylnaphthalene
Concen: 40.671 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

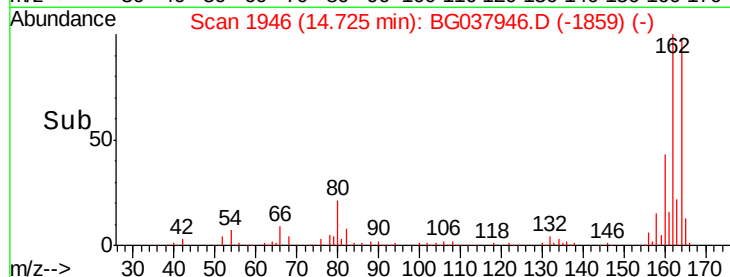
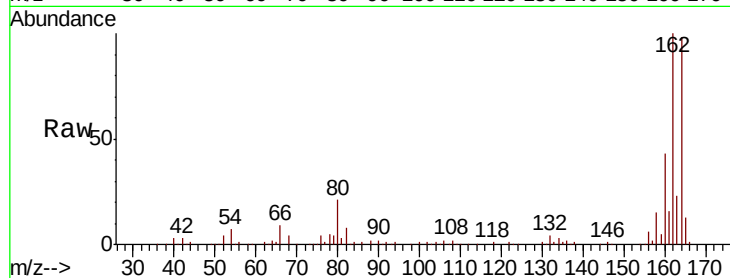
Tot Ion:164 Resp: 142739

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 44.2 36.3 54.5

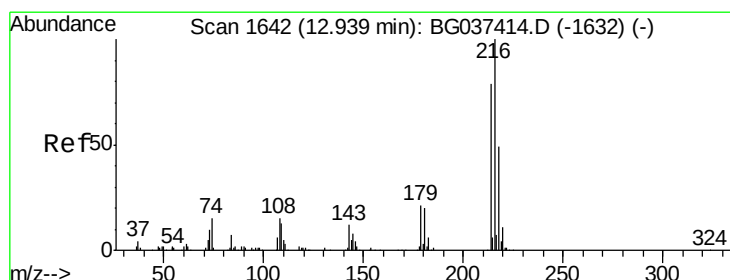
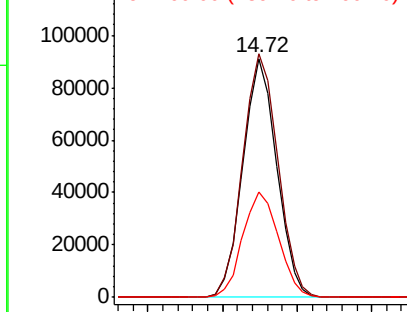


Abundance

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: 37.411 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Tgt Ion:216 Resp: 172246

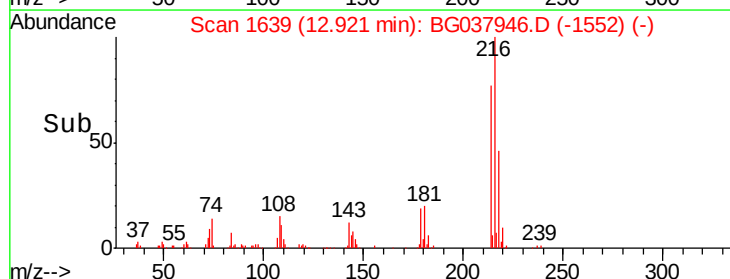
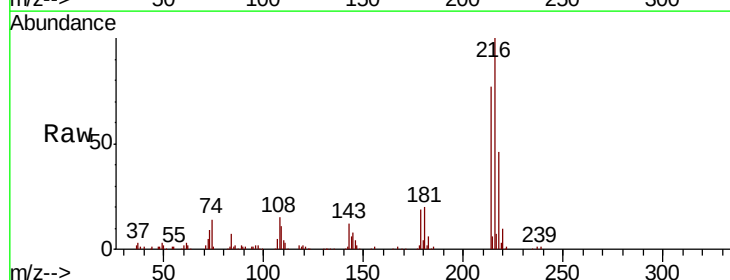
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.4 17.4 26.0

108 18.8 13.9 20.9



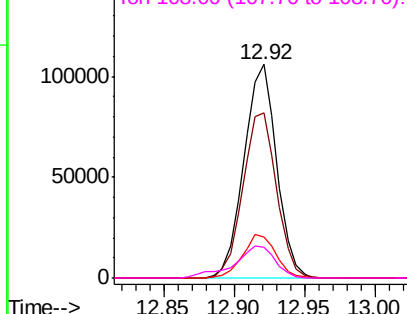
Abundance

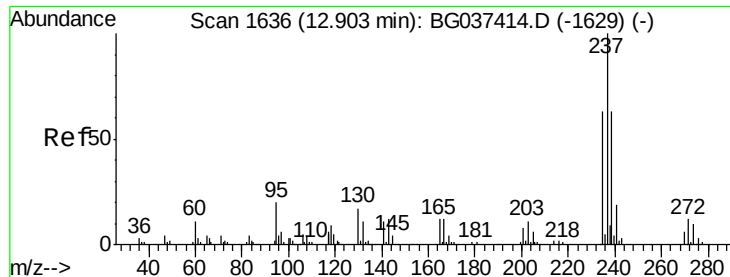
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.845 ng

RT: 12.89 min Scan# 1633

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

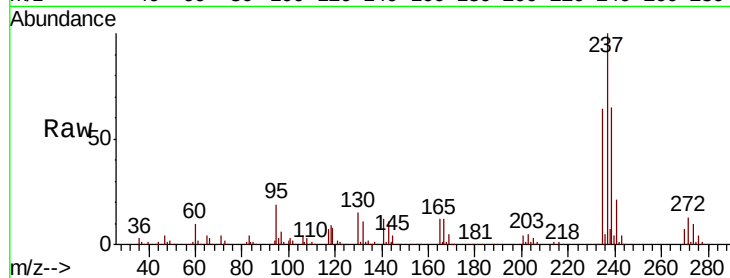
Tot Ion:237 Resp: 195393

Ion Ratio Lower Upper

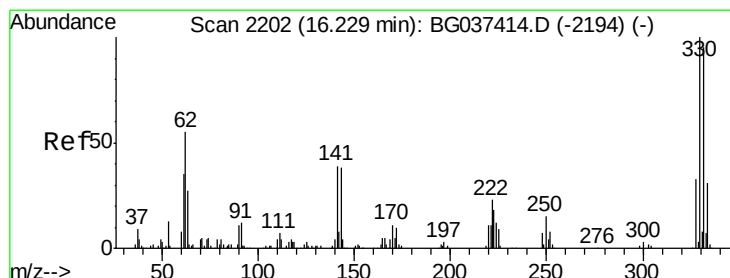
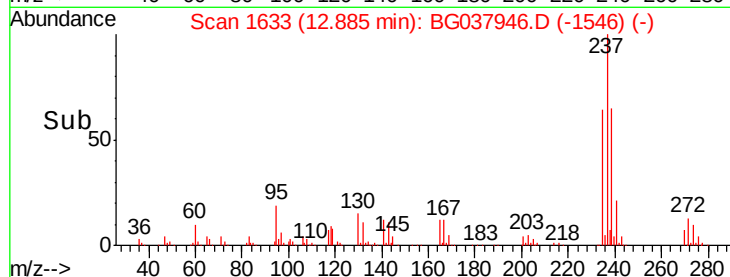
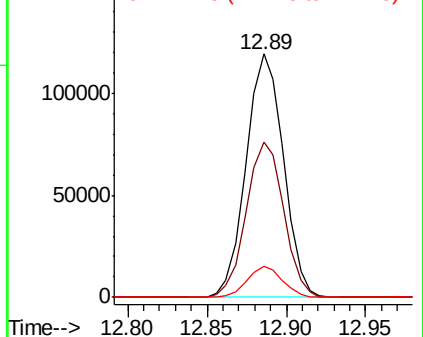
237 100

235 63.6 42.5 82.5

272 12.6 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 115.473 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

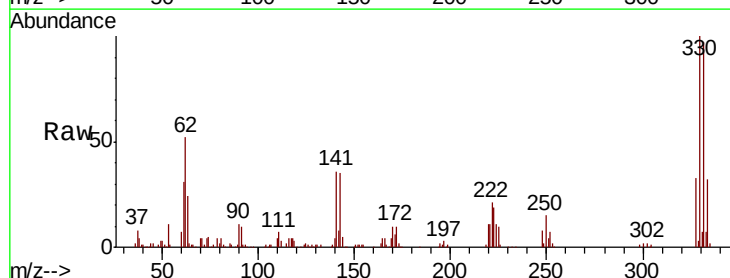
Tgt Ion:330 Resp: 179773

Ion Ratio Lower Upper

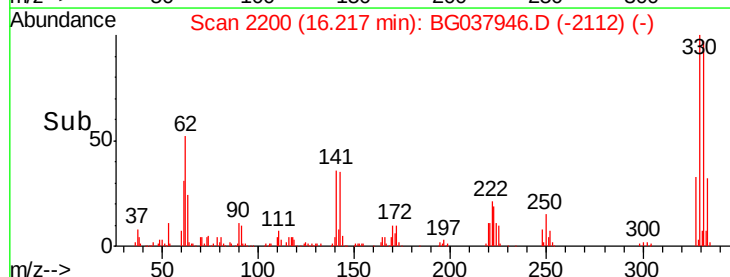
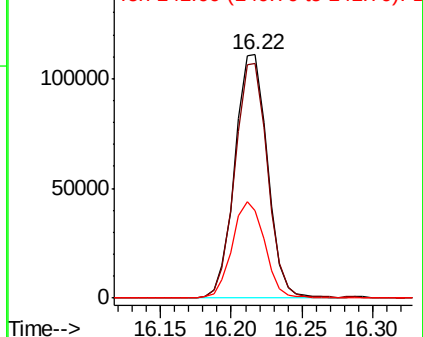
330 100

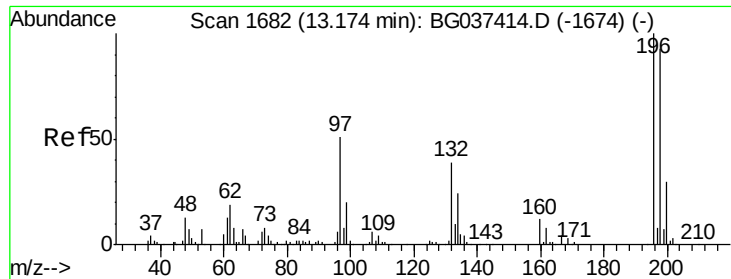
332 96.7 78.4 117.6

141 39.4 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

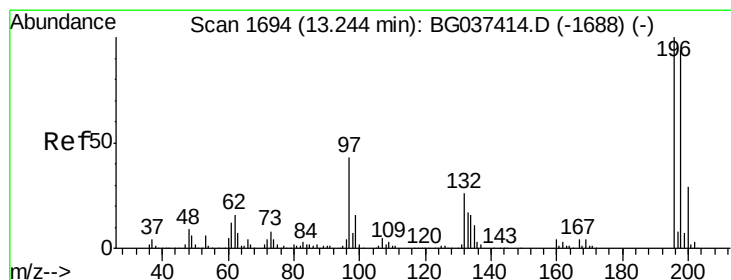
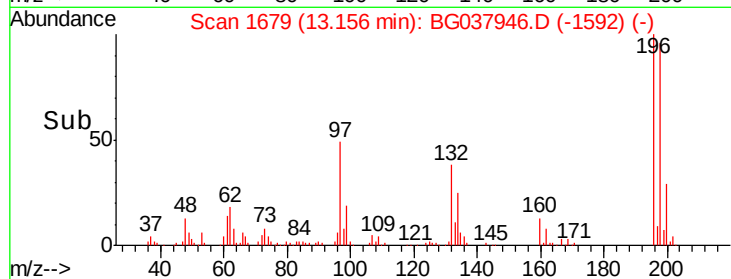
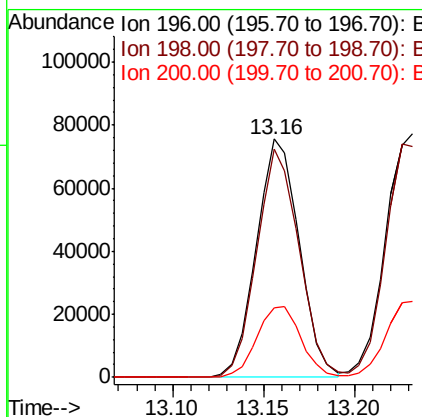
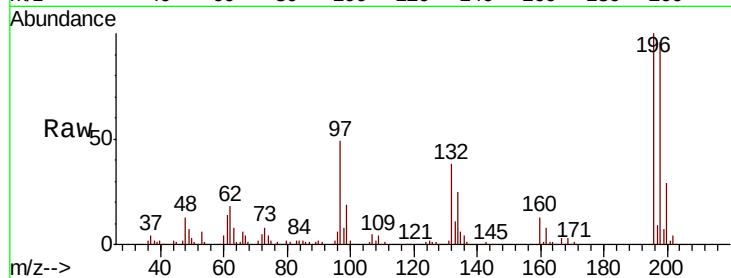




#43
 2,4,6-Trichlorophenol
 Concen: 40.436 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

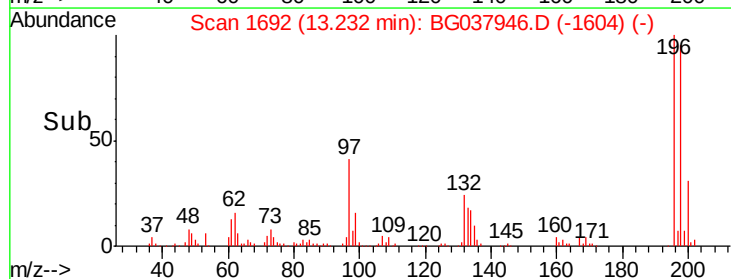
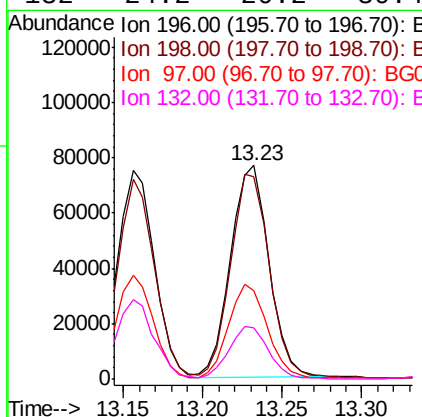
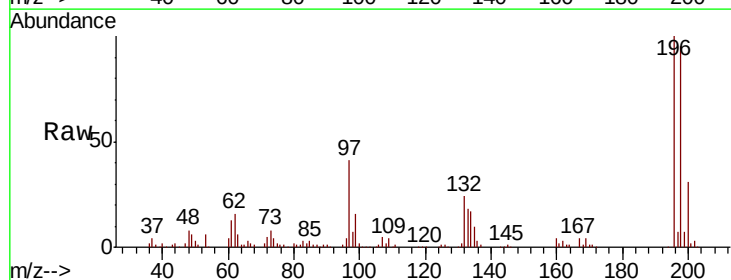
Instrument :
 BNA_G
 ClientSampled :

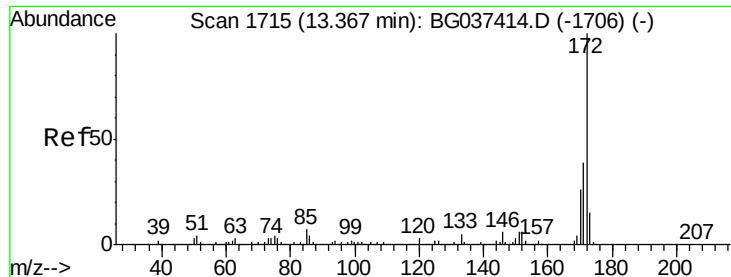
Tot Ion:196 Resp: 124379
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.4 114.6
 200 29.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.763 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:196 Resp: 129817
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.2
 97 41.4 34.1 51.1
 132 24.2 20.2 30.4

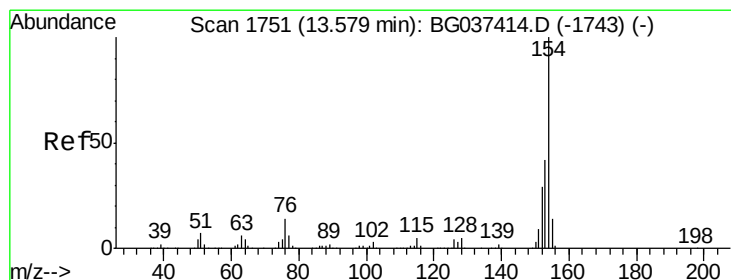
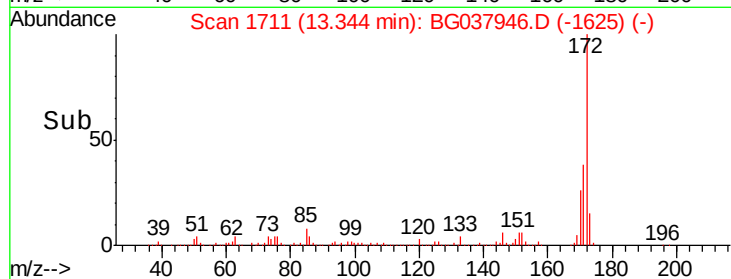
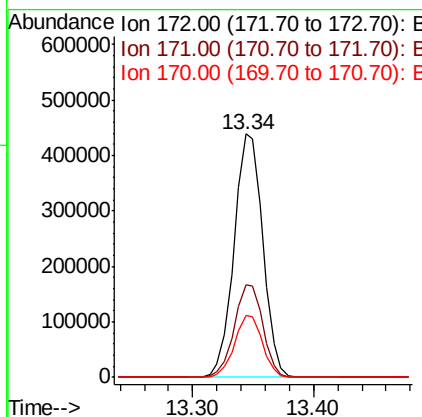
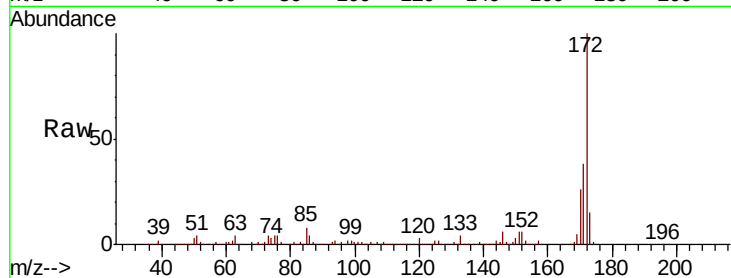




#45
 2-Fluorobiphenyl
 Concen: 76.729 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

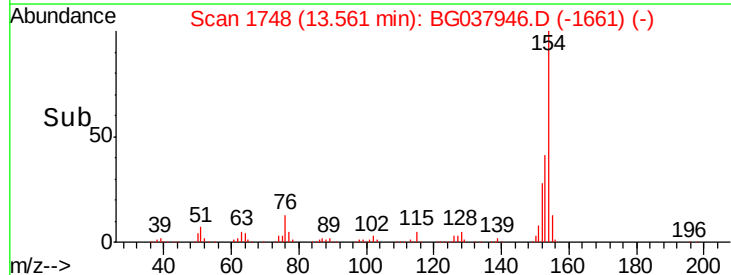
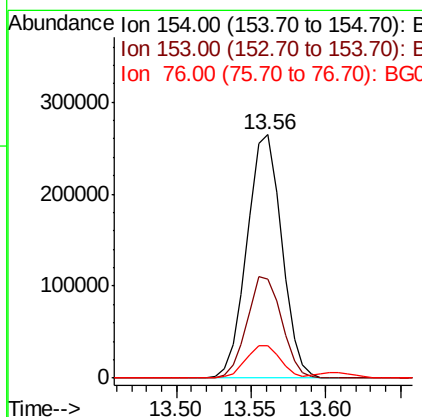
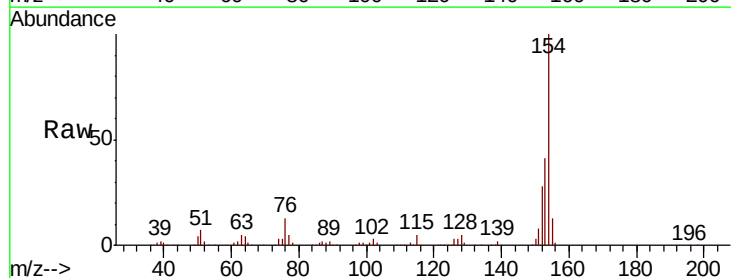
Instrument :
 BNA_G
 ClientSampled :

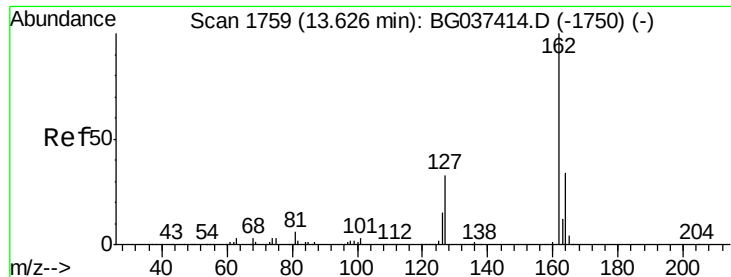
Tot Ion:	172	Resp:	726297
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 36.054 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:	154	Resp:	426208
Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.1	62.1
76	13.3	0.0	33.2

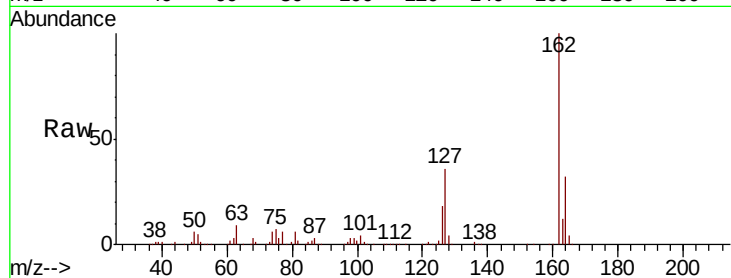




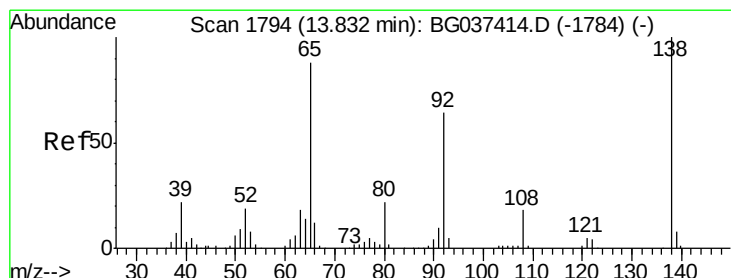
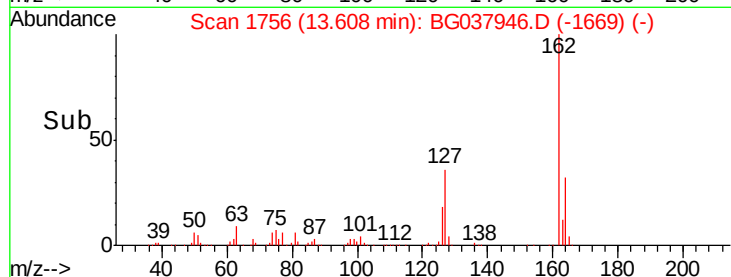
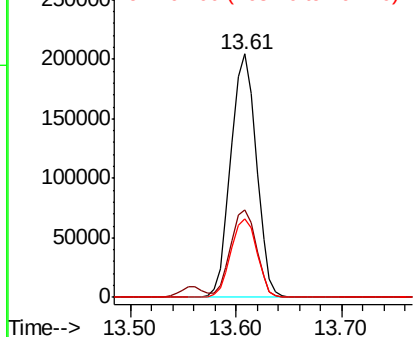
#47
2-Chloronaphthalene
Concen: 38.265 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 342218
Ion Ratio Lower Upper
162 100
127 35.8 30.5 45.7
164 32.3 26.4 39.6

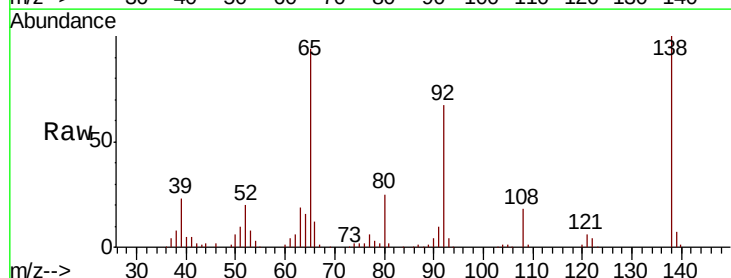


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

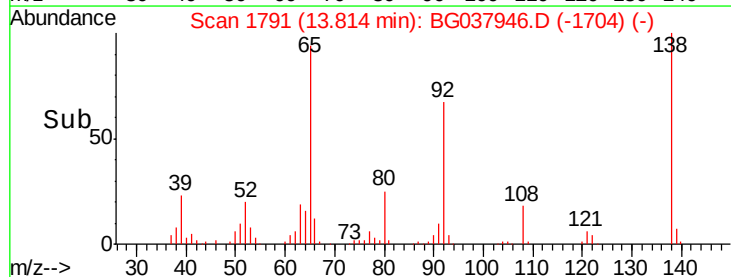
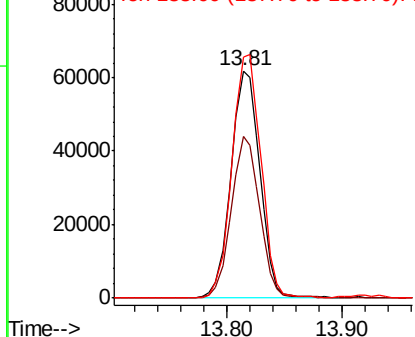


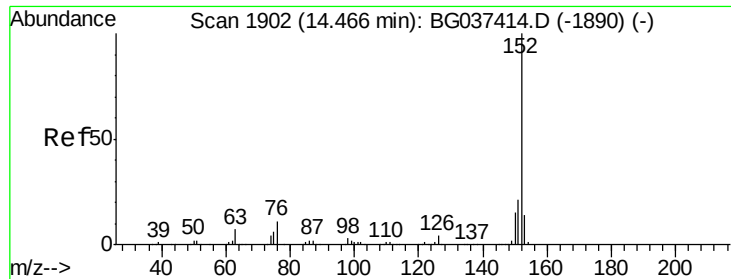
#48
2-Nitroaniline
Concen: 39.571 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion: 65 Resp: 107318
Ion Ratio Lower Upper
65 100
92 71.1 53.2 79.8
138 106.1 79.3 118.9



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





#49

Acenaphthylene

Concen: 41.466 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

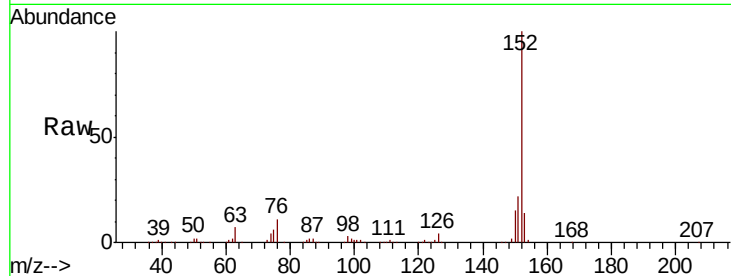
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 557849

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	13.8	11.1	16.7

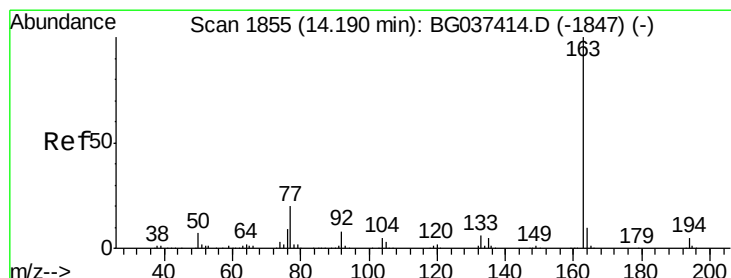
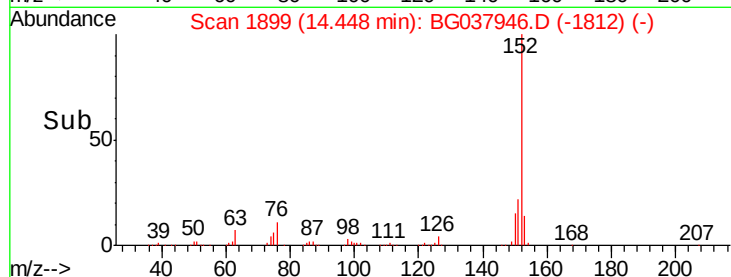
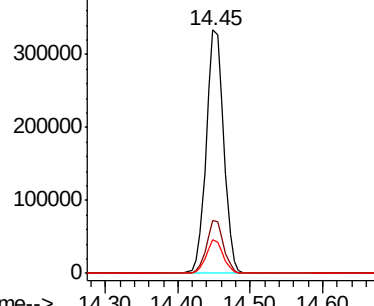


Abundance

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: 47.137 ng

RT: 14.17 min Scan# 1852

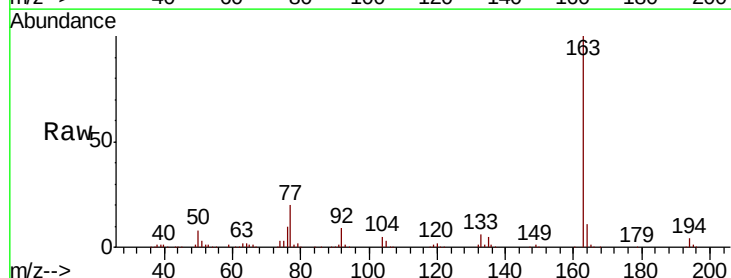
Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Tgt Ion:163 Resp: 520514

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.7	8.5	12.7

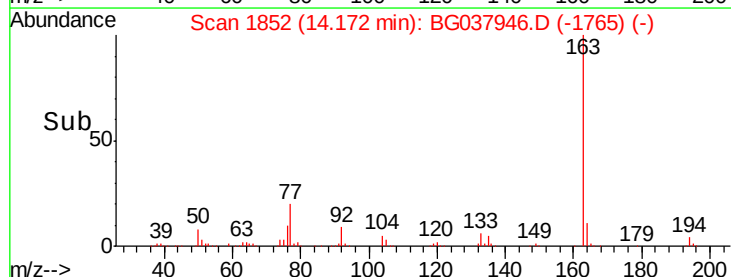
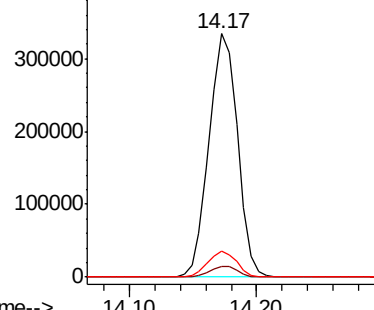


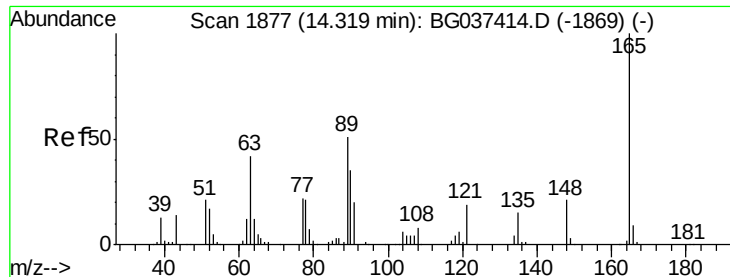
Abundance

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: 39.959 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampled :

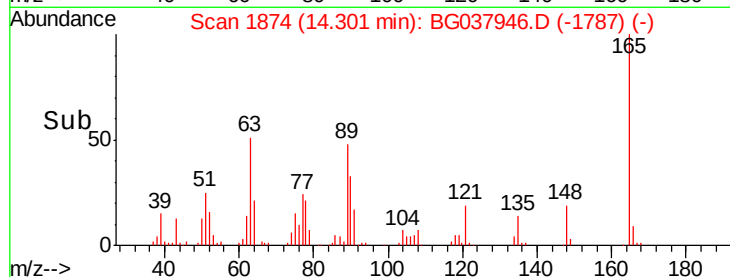
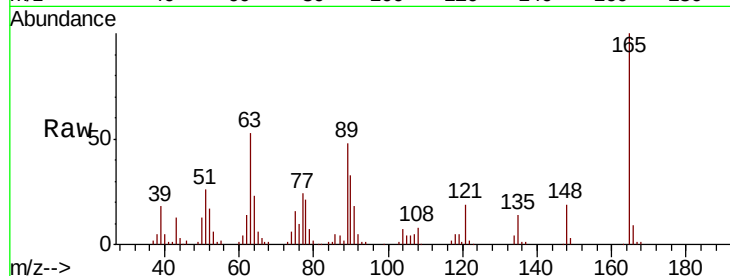
Tot Ion:165 Resp: 97614

Ion Ratio Lower Upper

165 100

63 52.6 43.4 65.2

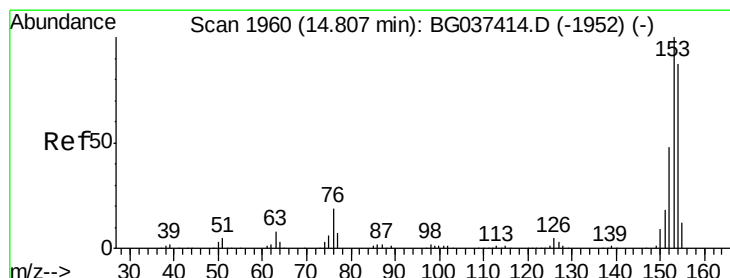
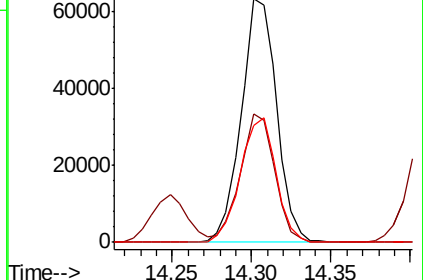
89 48.0 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.921 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

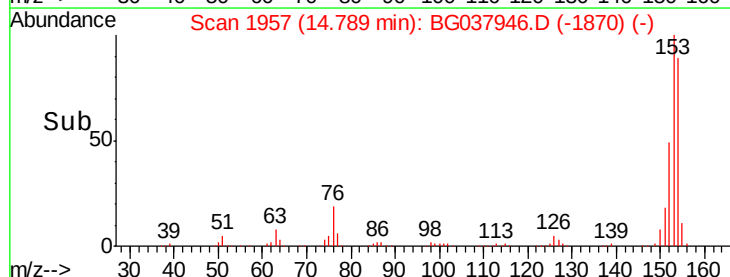
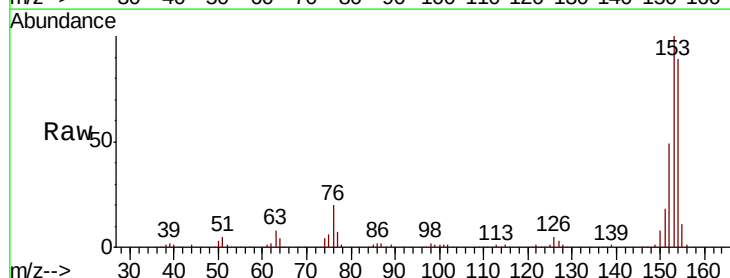
Tgt Ion:154 Resp: 322478

Ion Ratio Lower Upper

154 100

153 112.1 93.4 140.0

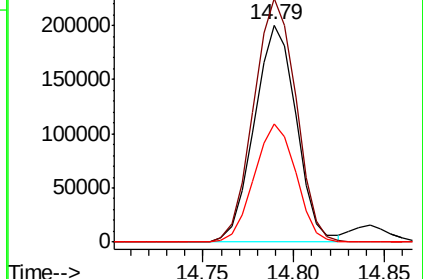
152 54.5 44.7 67.1

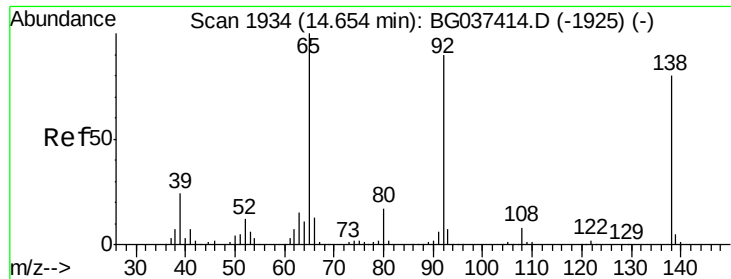


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.239 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

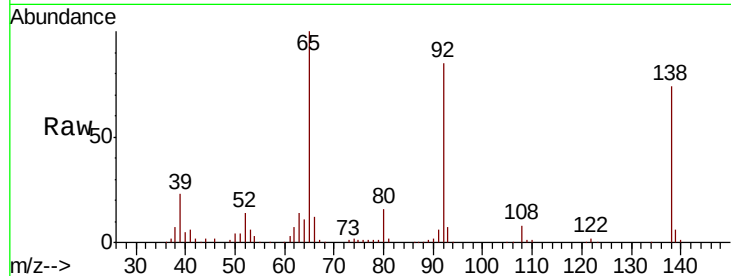
Tot Ion:138 Resp: 84716

Ion Ratio Lower Upper

138 100

108 11.0 11.0 16.6#

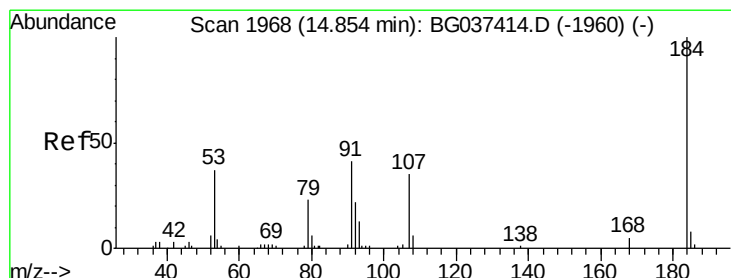
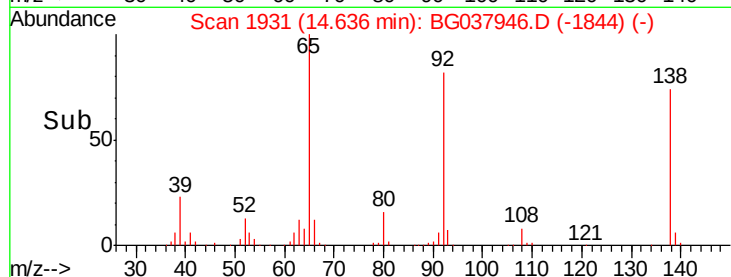
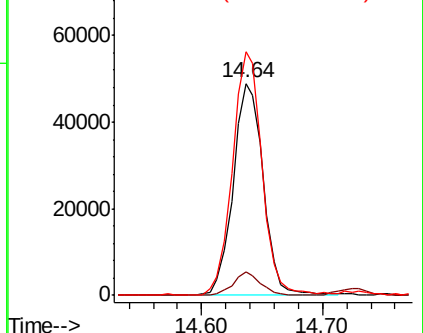
92 115.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 57.057 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

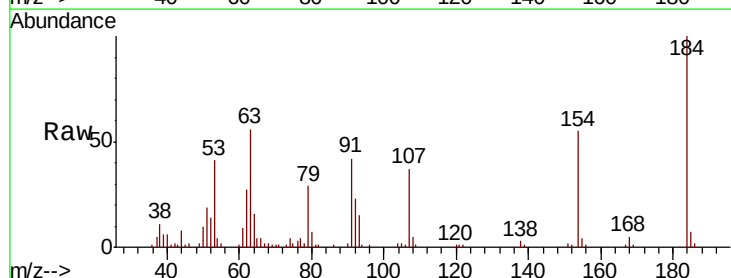
Tgt Ion:184 Resp: 49898

Ion Ratio Lower Upper

184 100

63 56.4 42.6 63.8

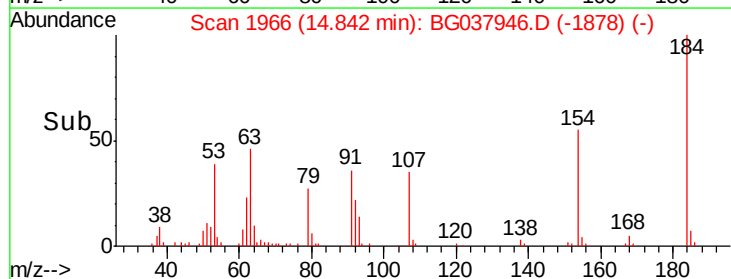
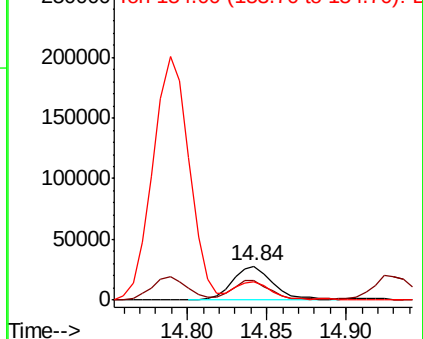
154 54.7 41.8 62.6

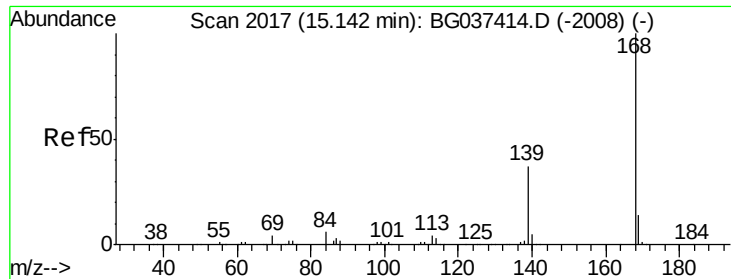


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

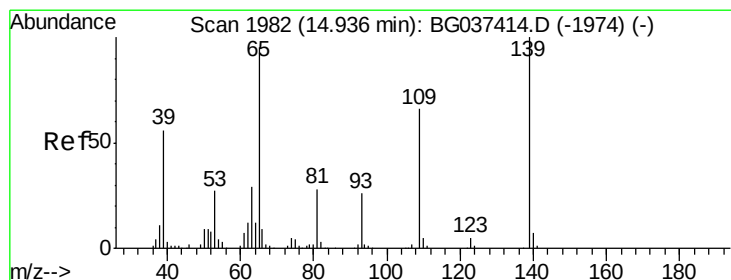
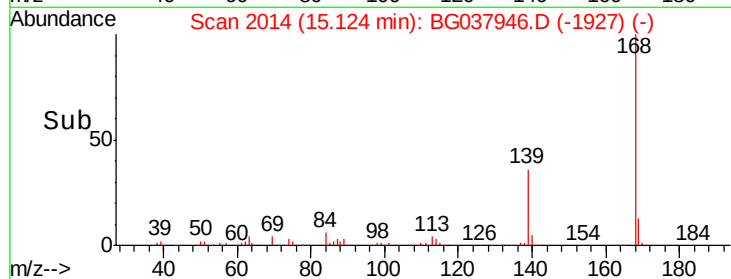
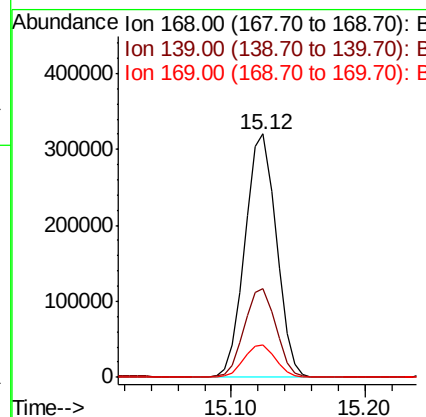
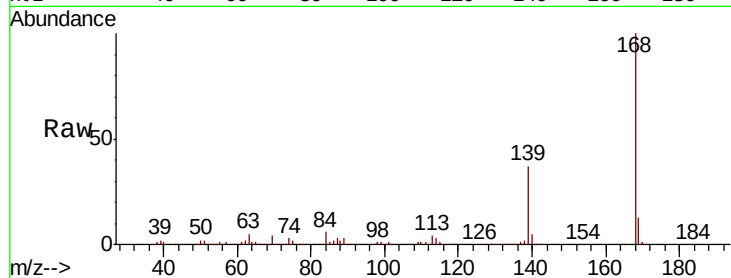




#55
Dibenzofuran
Concen: 37.867 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

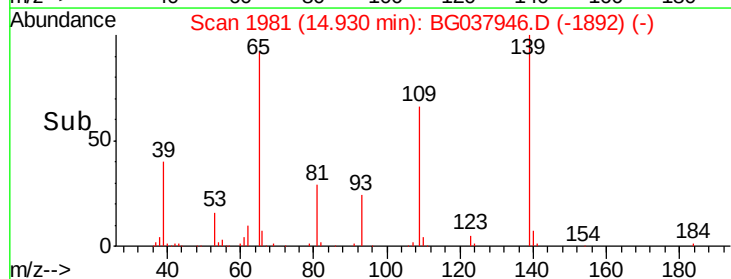
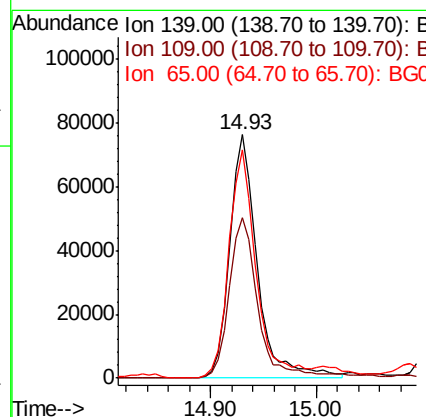
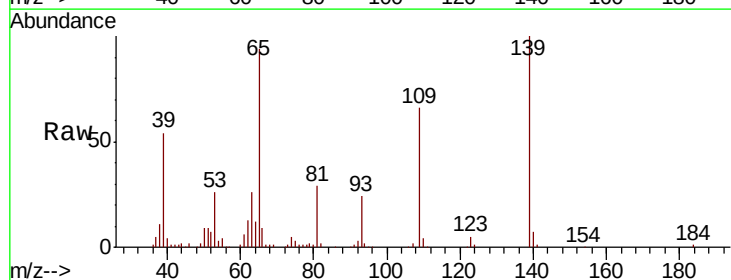
Instrument :
BNA_G
ClientSampleId :

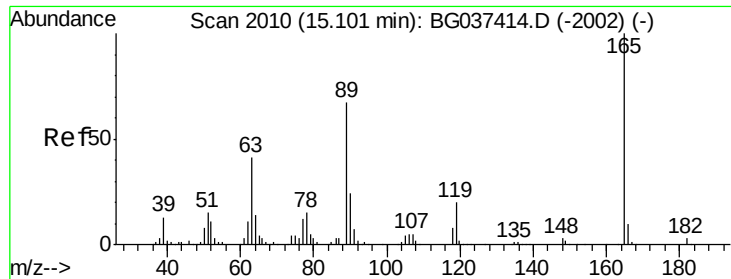
Tot Ion:168 Resp: 519815
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 68.833 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:139 Resp: 138171
Ion Ratio Lower Upper
139 100
109 65.9 49.5 89.5
65 94.0 76.8 116.8

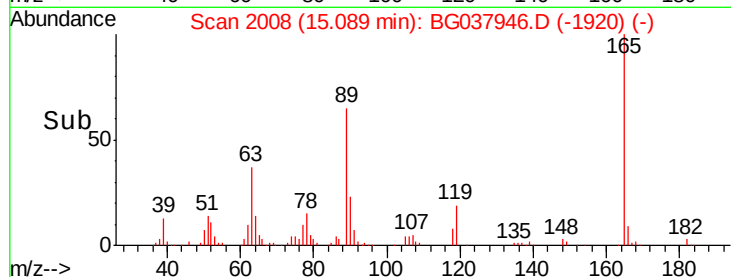
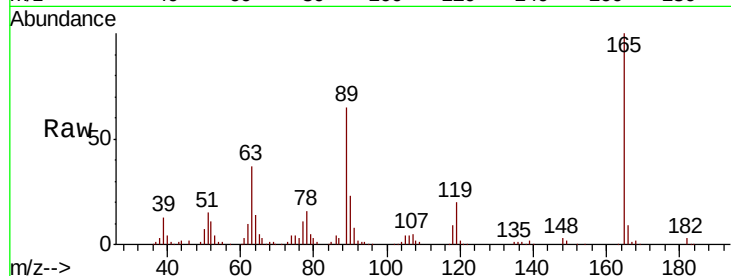




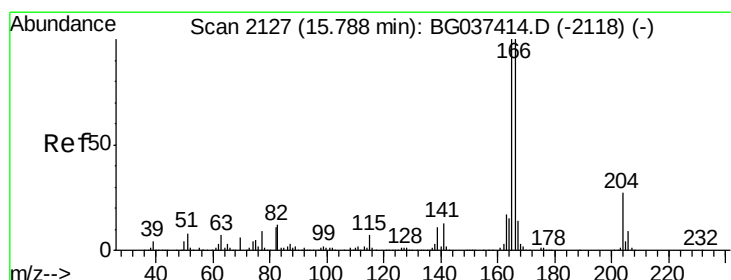
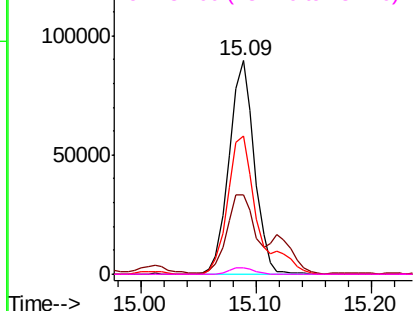
#57
2,4-Dinitrotoluene
Concen: 42.150 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	135159
Ion	Ratio	Lower	Upper
165	100		
63	37.1	33.4	50.0
89	64.9	57.2	85.8
182	2.9	2.6	4.0

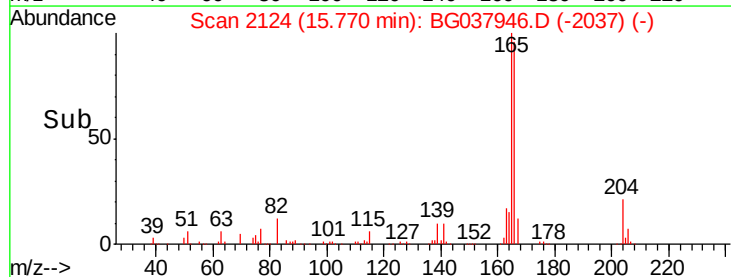
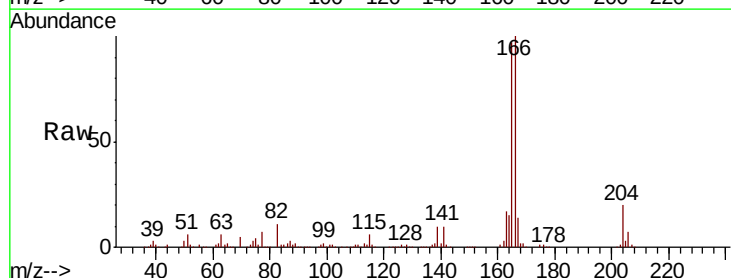


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

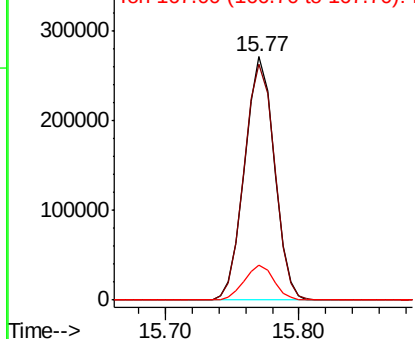


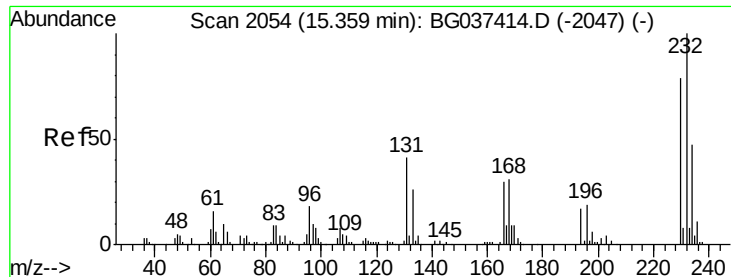
#58
Fluorene
Concen: 40.592 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:	166	Resp:	417273
Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.0	118.6
167	14.2	11.3	16.9



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

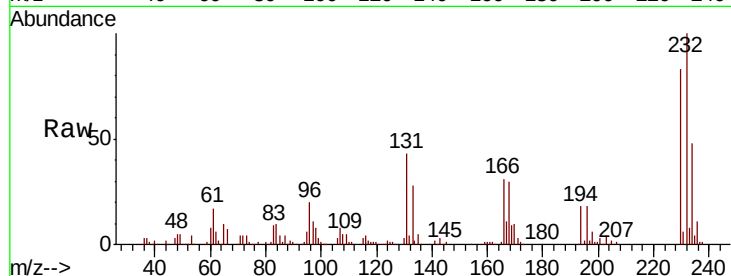




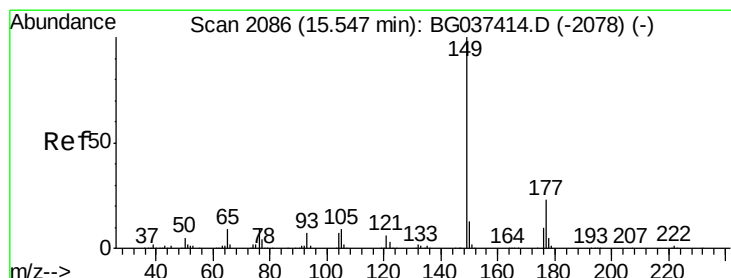
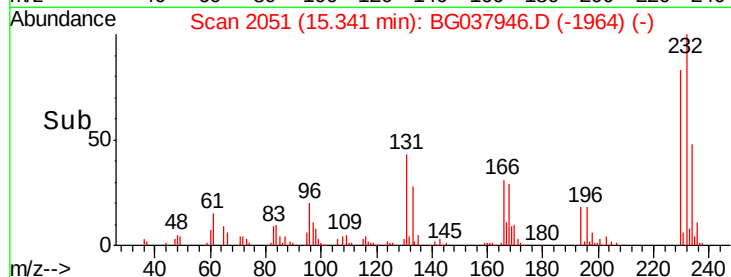
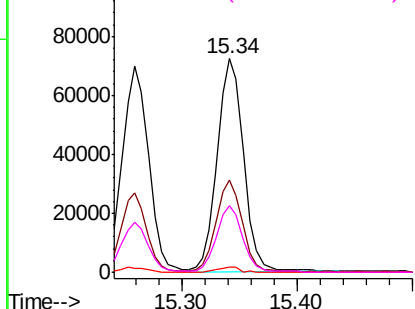
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.957 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 114574
 Ion Ratio Lower Upper
 232 100
 131 42.4 33.7 50.5
 130 2.2 2.1 3.1
 166 31.4 24.6 36.8

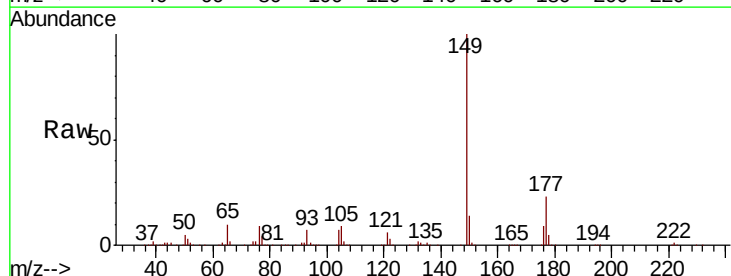


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

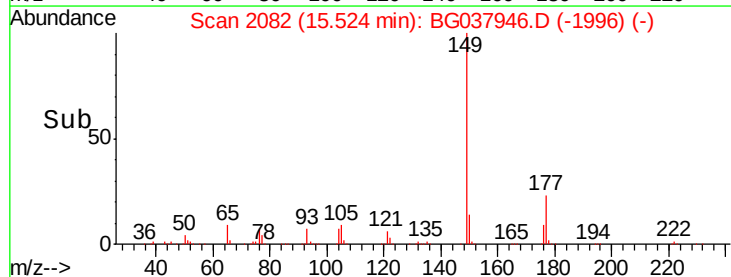
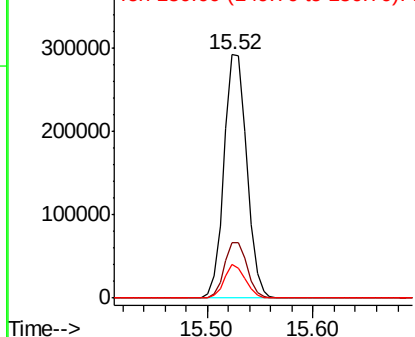


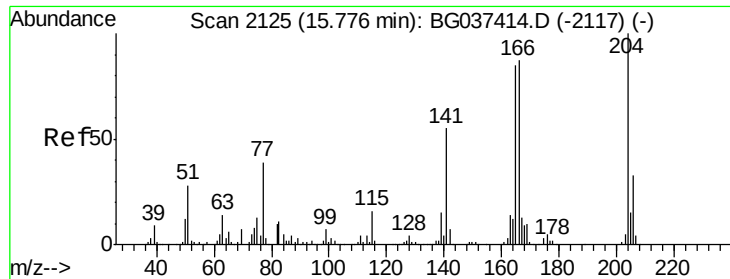
#60
 Diethylphthalate
 Concen: 38.285 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:149 Resp: 434033
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.3 27.5
 150 13.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

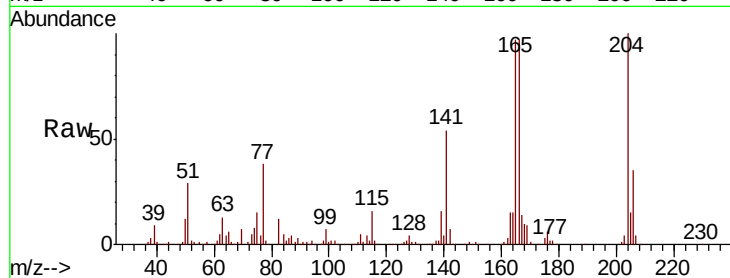




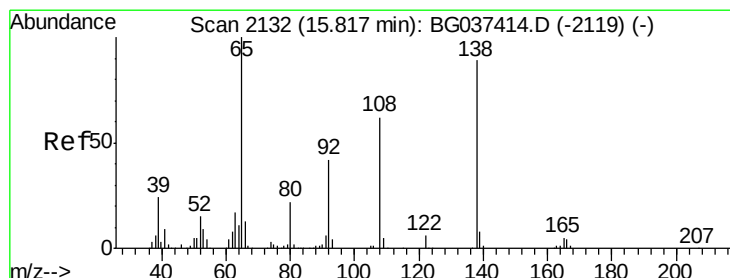
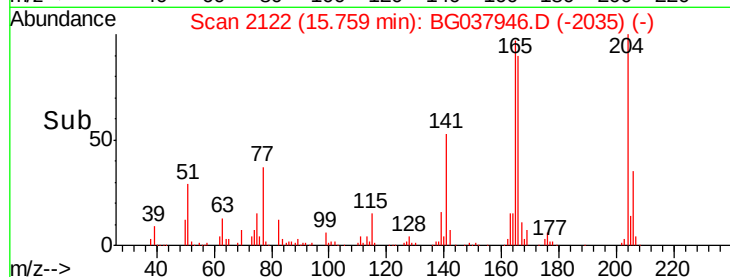
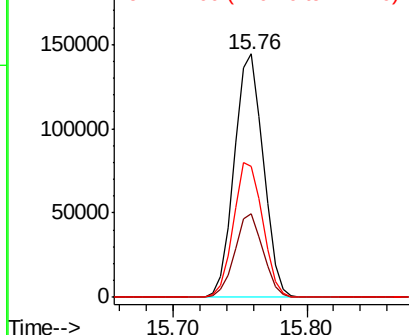
#61
 4-Chlorophenyl-phenylether
 Concen: 36.411 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.6	39.8
141	53.7	45.4	68.2

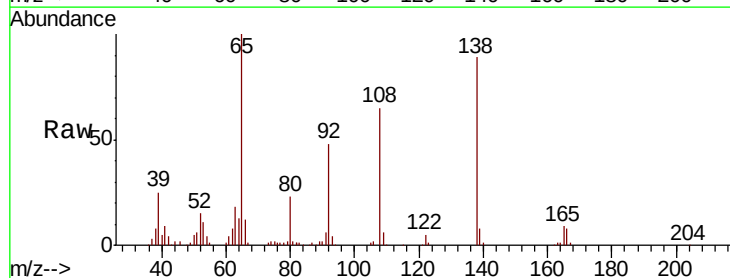


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

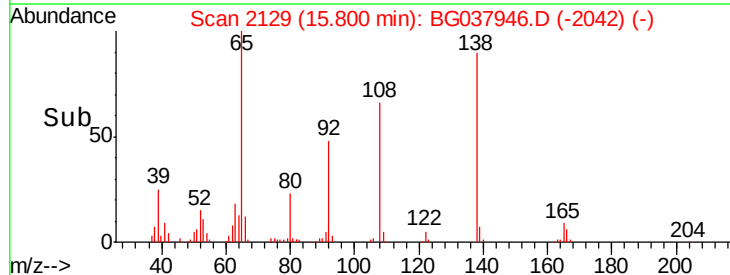
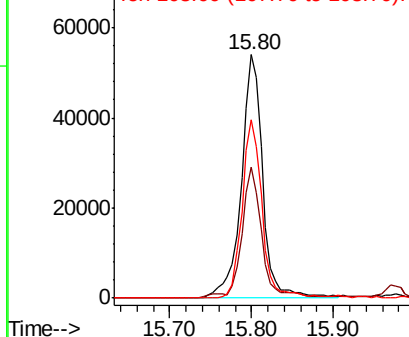


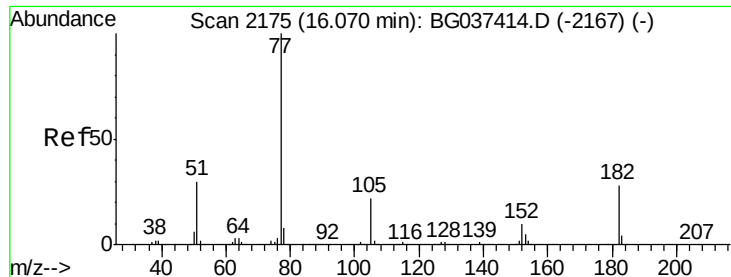
#62
 4-Nitroaniline
 Concen: 36.502 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	36.4	76.4
108	73.2	60.1	100.1



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





#63

Azobenzene

Concen: 36.809 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 398146

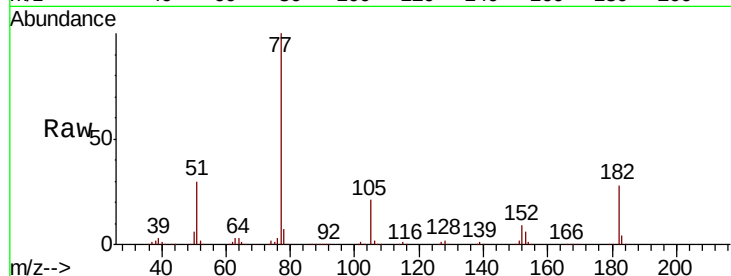
Ion Ratio Lower Upper

77 100

182 28.5 8.0 48.0

105 21.3 1.3 41.3

51 29.7 10.7 50.7

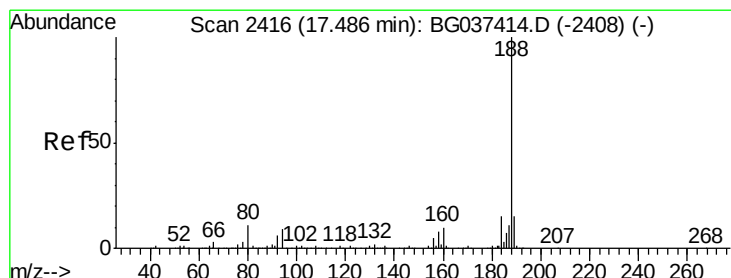
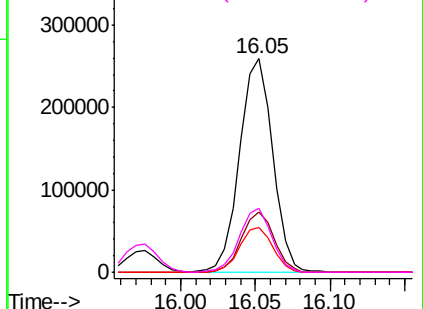
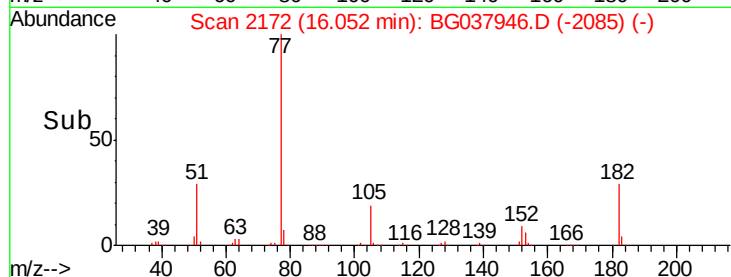


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

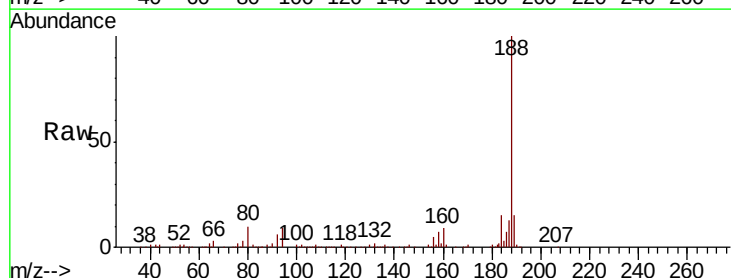
Tgt Ion: 188 Resp: 320141

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

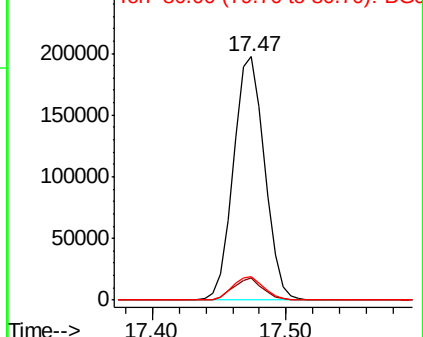
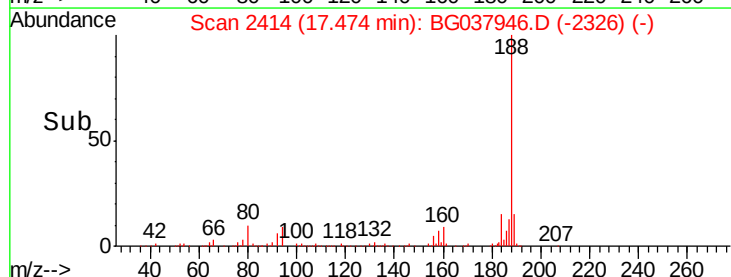
80 9.7 7.7 11.5

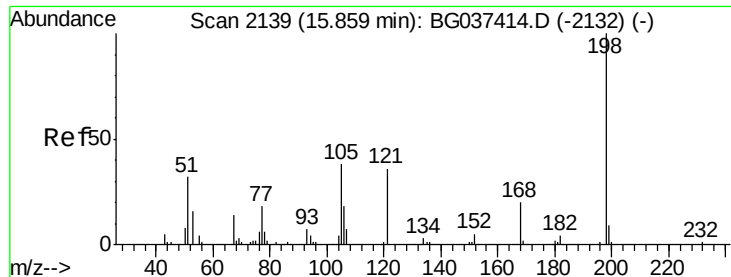


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

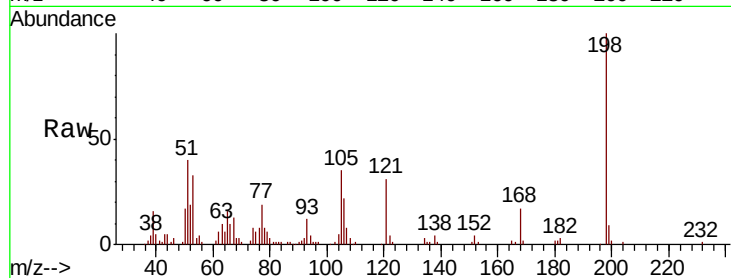




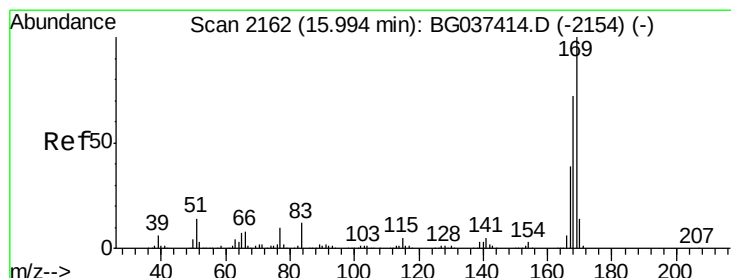
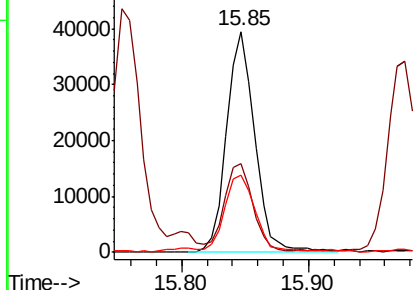
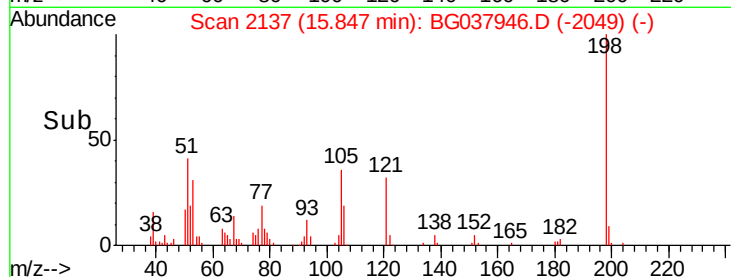
#65
4,6-Dinitro-2-methylphenol
Concen: 38.248 ng
RT: 15.85 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 60725
Ion Ratio Lower Upper
198 100
51 40.3 22.7 62.7
105 34.8 19.7 59.7

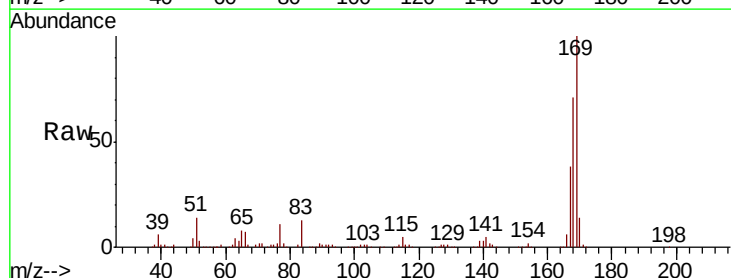


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

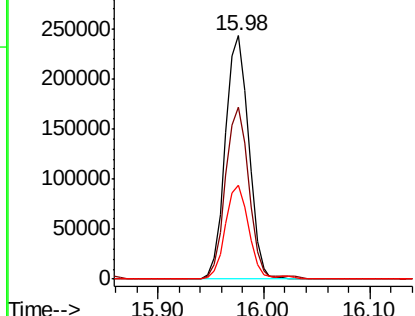
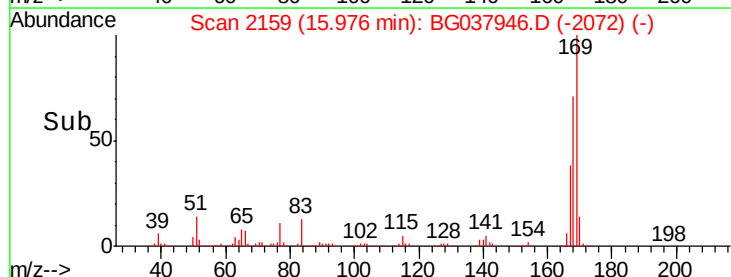


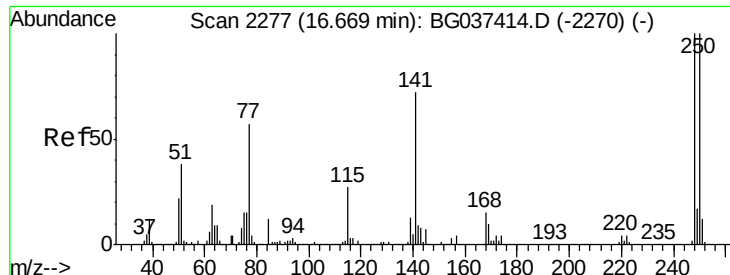
#66
n-Nitrosodiphenylamine
Concen: 38.828 ng
RT: 15.98 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:169 Resp: 373912
Ion Ratio Lower Upper
169 100
168 70.8 55.7 83.5
167 38.3 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

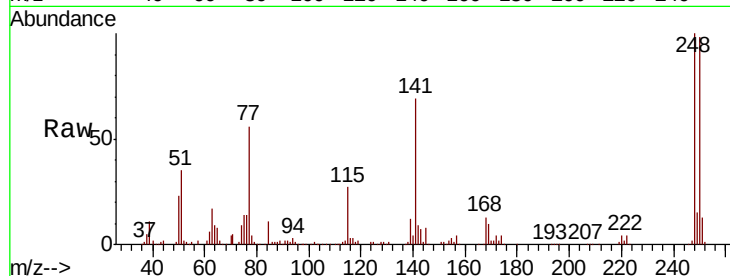




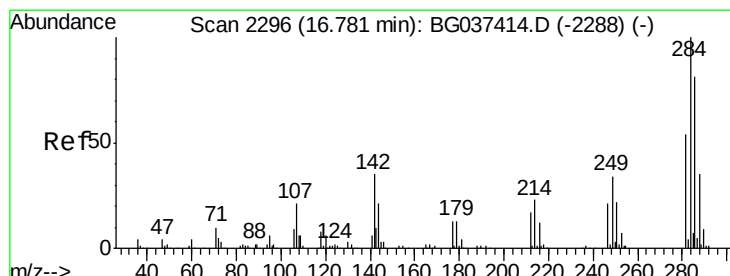
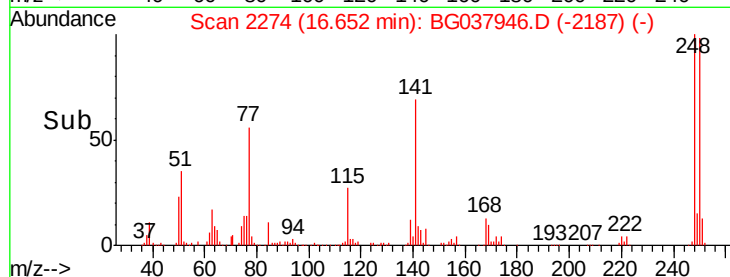
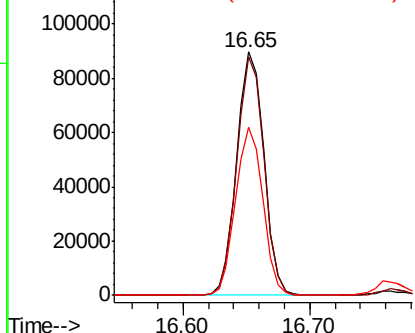
#67
 4-Bromophenyl-phenylether
 Concen: 37.887 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 133200
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.0 115.6
 141 69.3 55.5 83.3

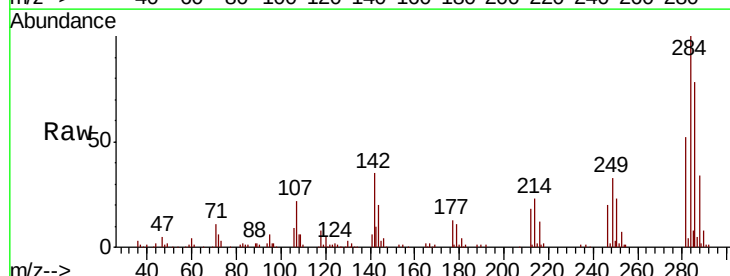


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

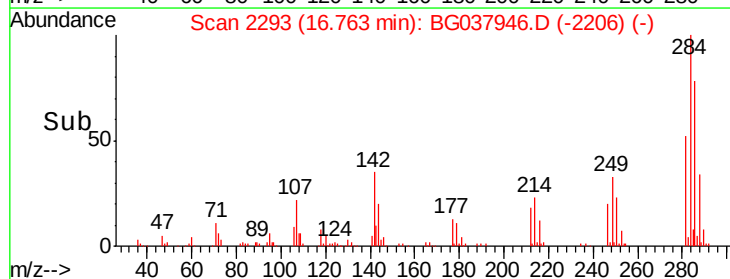
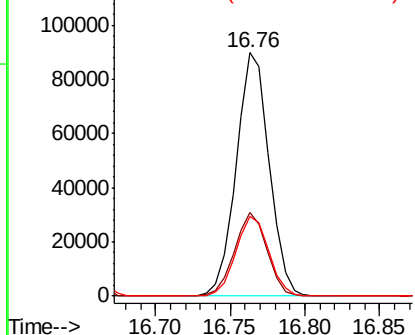


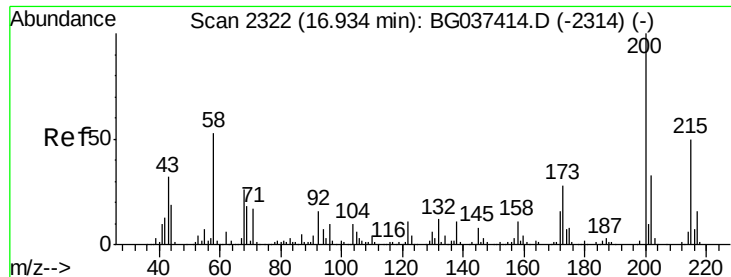
#68
 Hexachlorobenzene
 Concen: 37.614 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:284 Resp: 137055
 Ion Ratio Lower Upper
 284 100
 142 34.5 28.1 42.1
 249 35.3 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

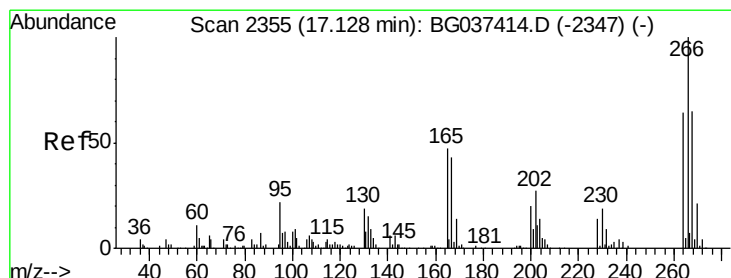
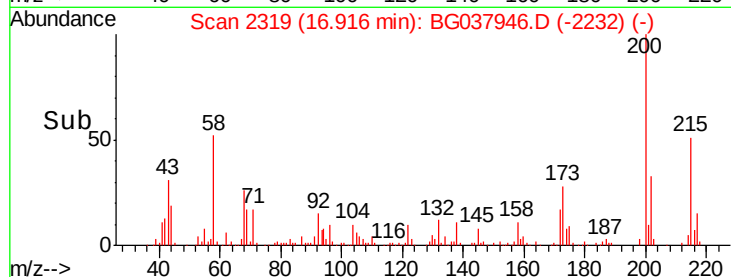
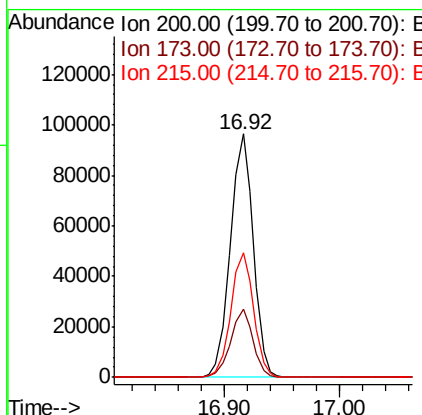
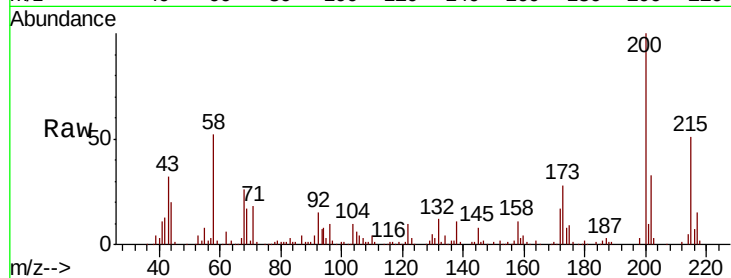




#69
 Atrazine
 Concen: 38.037 ng
 RT: 16.92 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

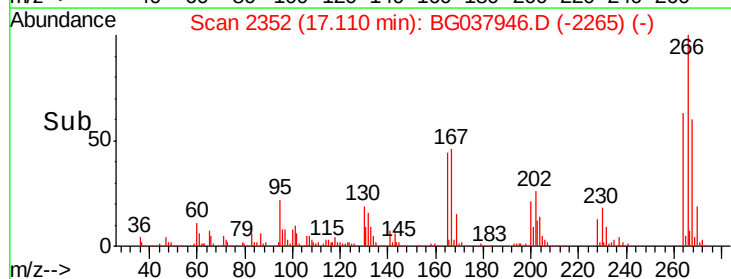
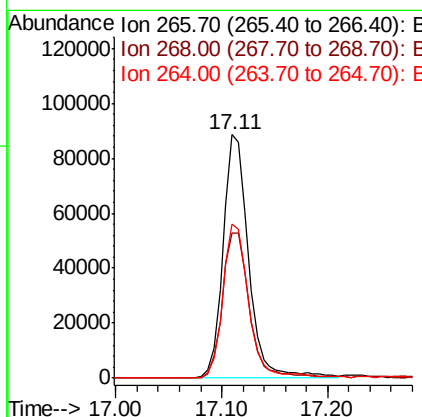
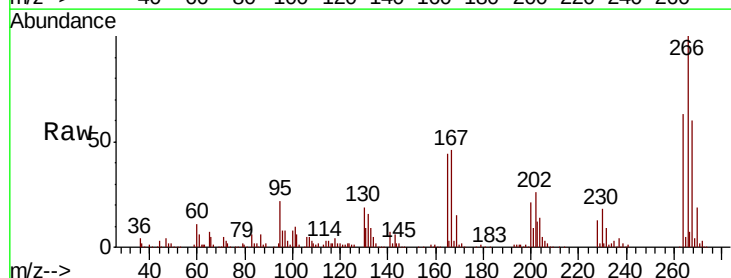
Instrument :
 BNA_G
 ClientSampleId :

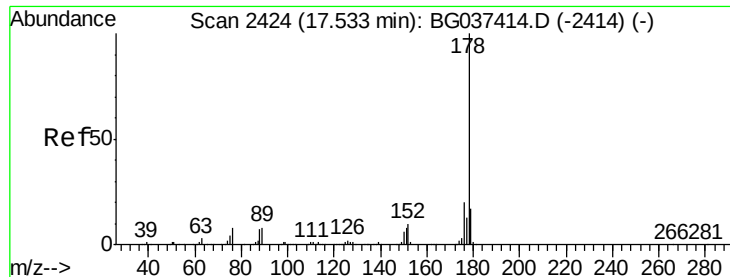
Tot Ion:200 Resp: 132434
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.1 46.1
 215 51.3 30.8 70.8



#70
 Pentachlorophenol
 Concen: 61.020 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion:266 Resp: 148928
 Ion Ratio Lower Upper
 266 100
 268 64.1 55.0 82.6
 264 68.1 58.9 88.3

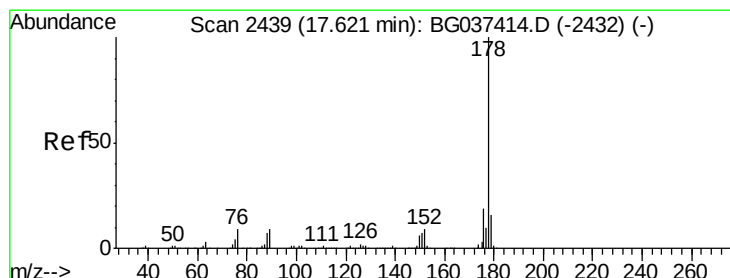
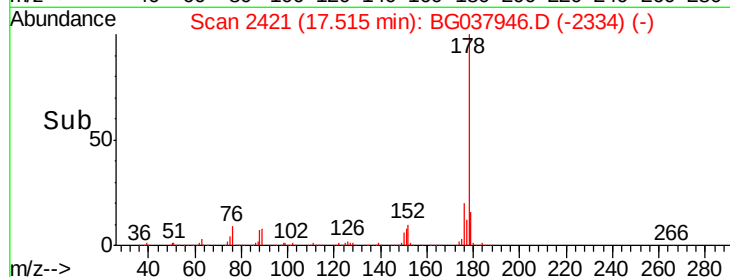
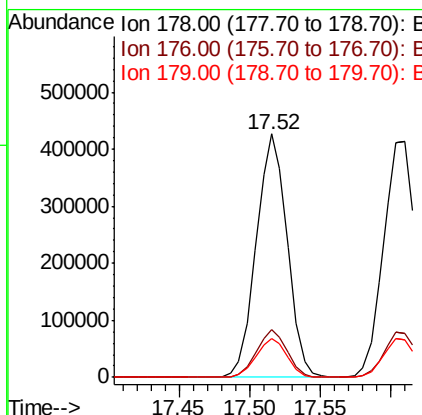
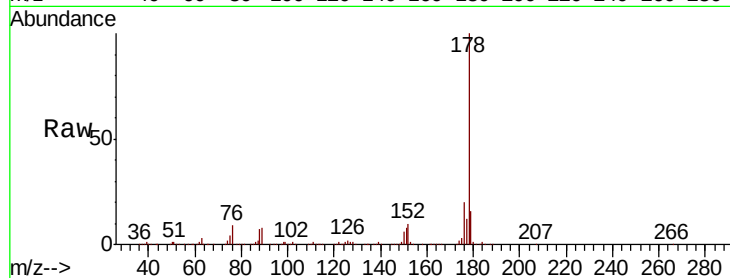




#71
Phenanthrene
Concen: 40.462 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

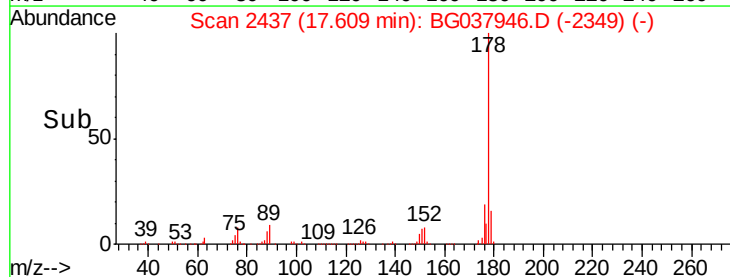
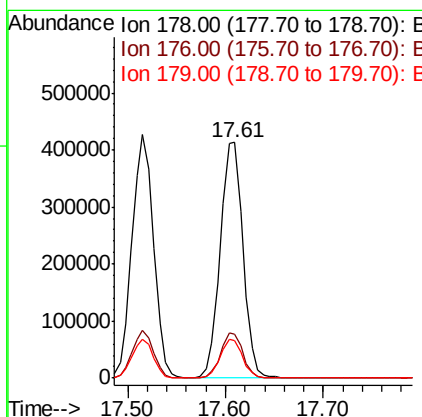
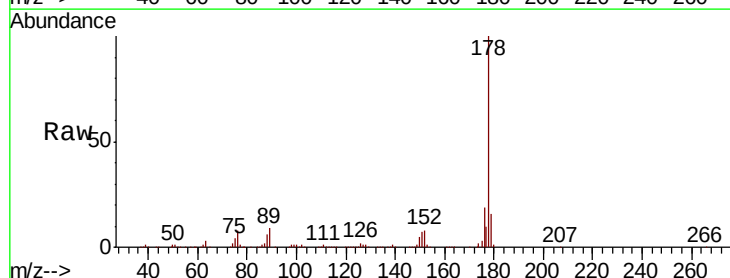
Instrument :
BNA_G
ClientSampled :

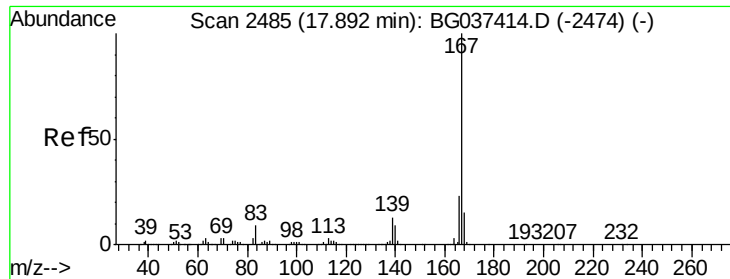
Tot Ion:178 Resp: 658336
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 41.821 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:178 Resp: 667769
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 16.0 12.8 19.2

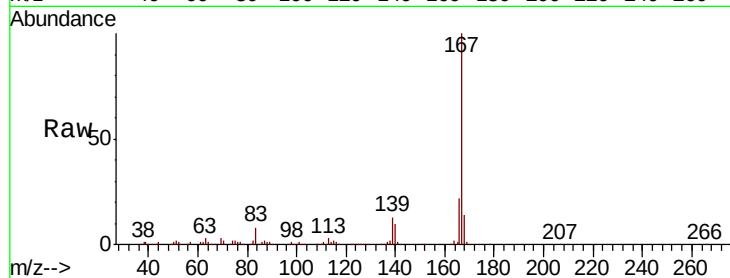




#73
 Carbazole
 Concen: 37.351 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.3	27.5
139	12.9	10.5	15.7

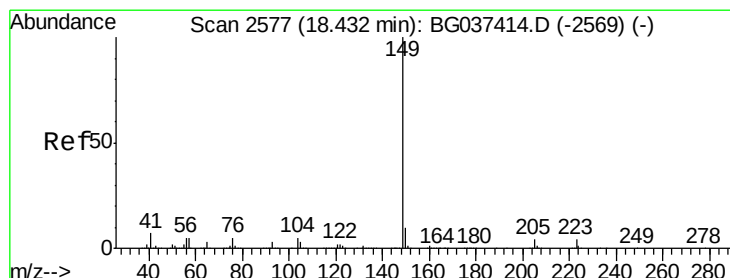
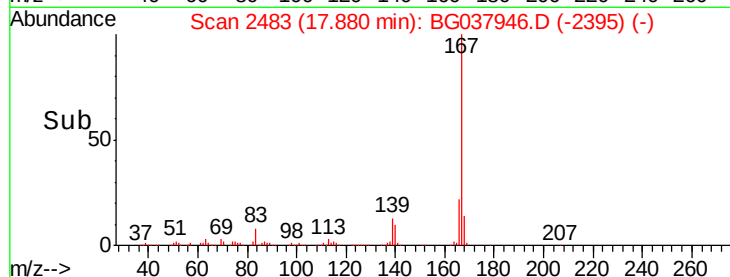
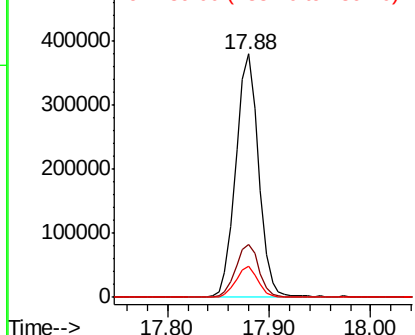


Abundance

Ion 167.00 (166.70 to 167.70): E

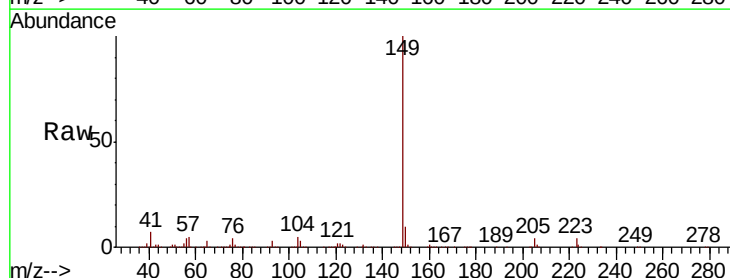
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.805 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037946.D
 Acq: 12 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.0	4.0	6.0

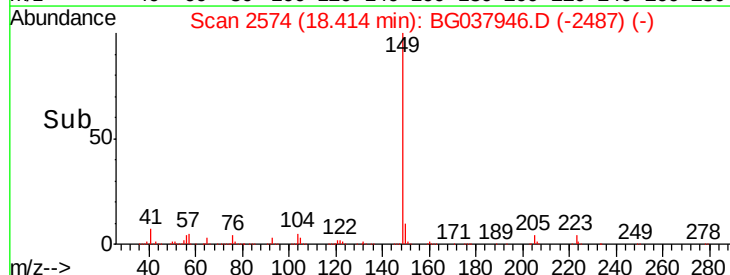
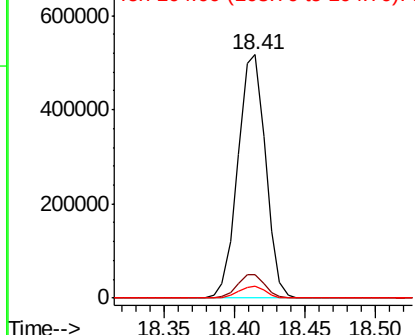


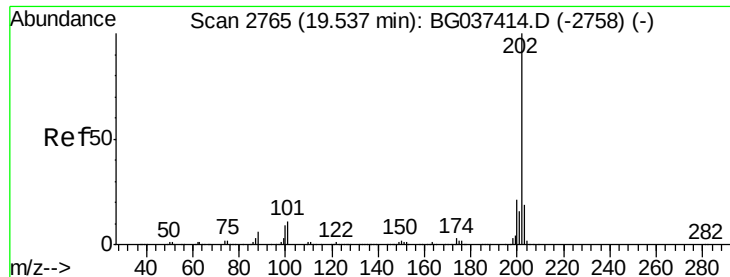
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.796 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

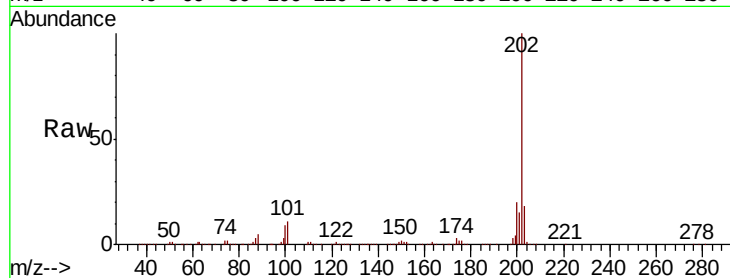
Tot Ion:202 Resp: 752839

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

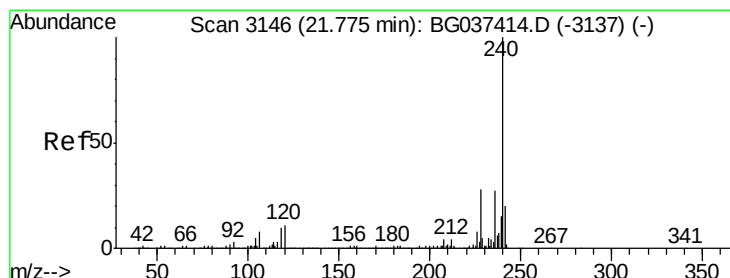
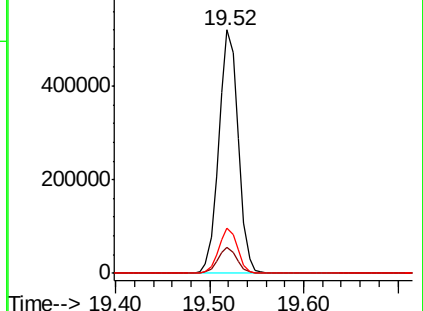
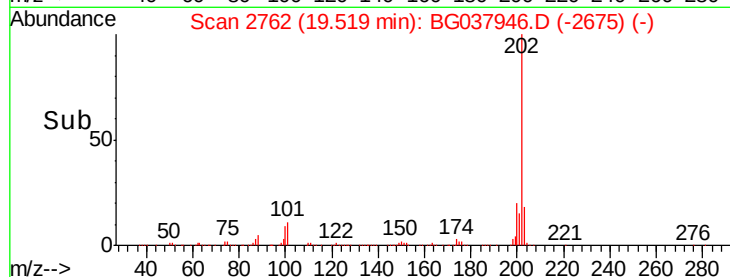
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

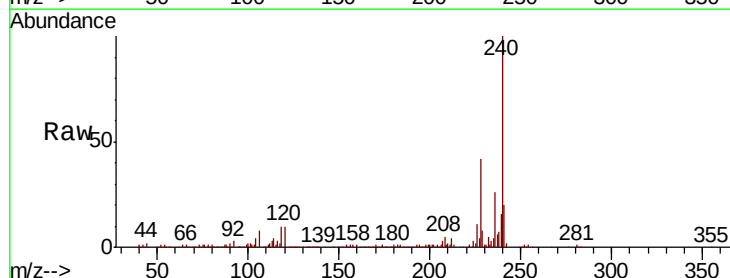
Tgt Ion:240 Resp: 275692

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

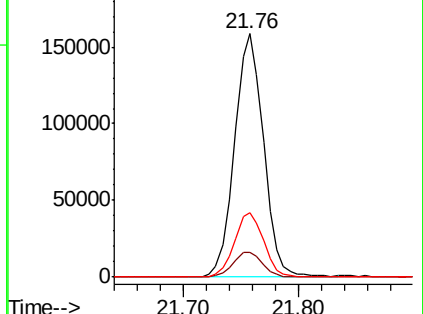
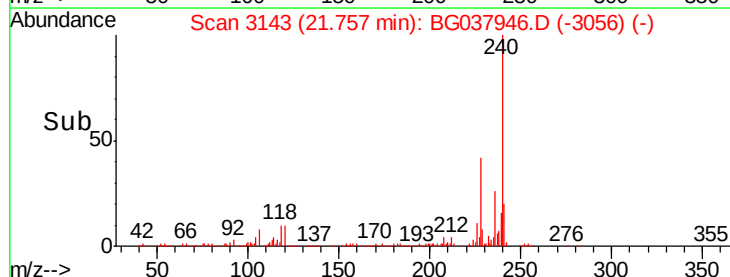
236 26.3 21.4 32.0

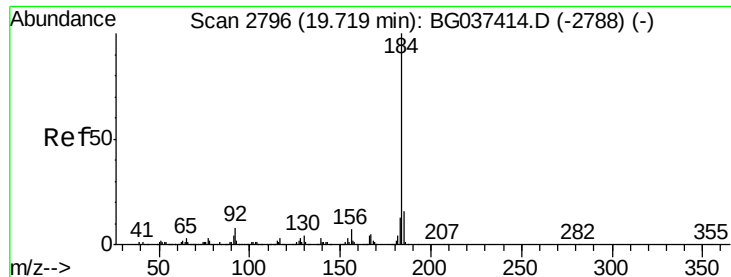


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.905 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

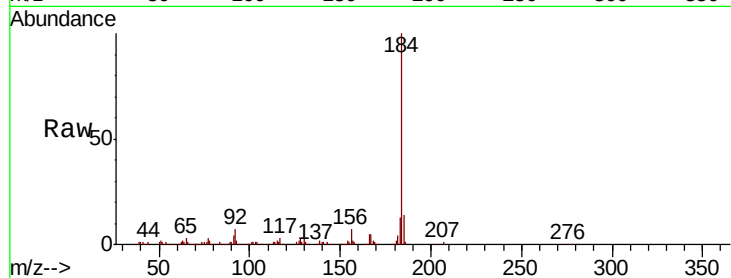
Tot Ion:184 Resp: 261592

Ion Ratio Lower Upper

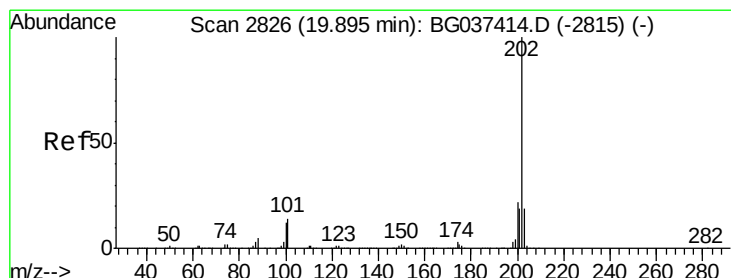
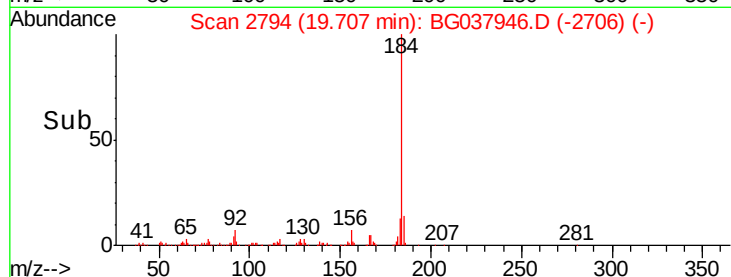
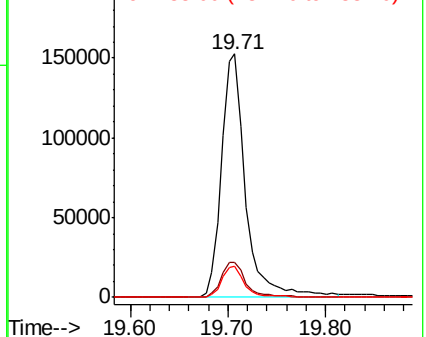
184 100

185 14.3 12.6 18.8

183 12.7 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: 42.056 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

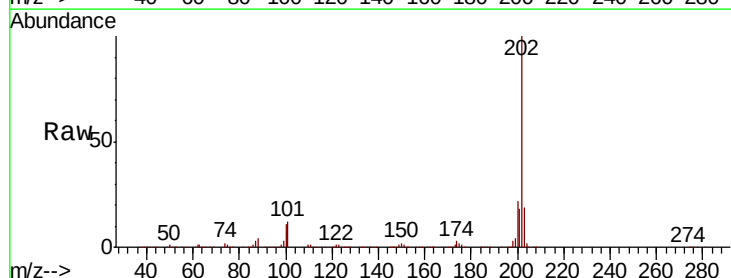
Tgt Ion:202 Resp: 757957

Ion Ratio Lower Upper

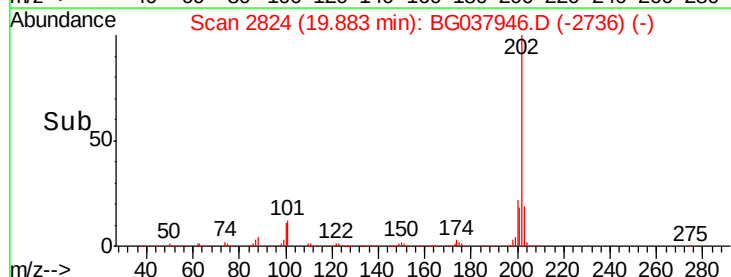
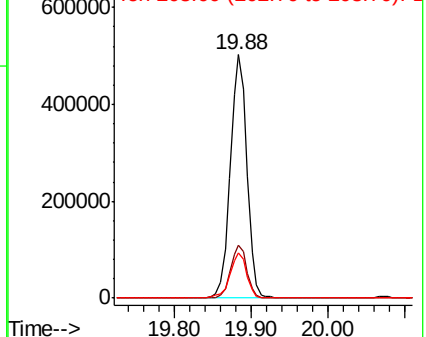
202 100

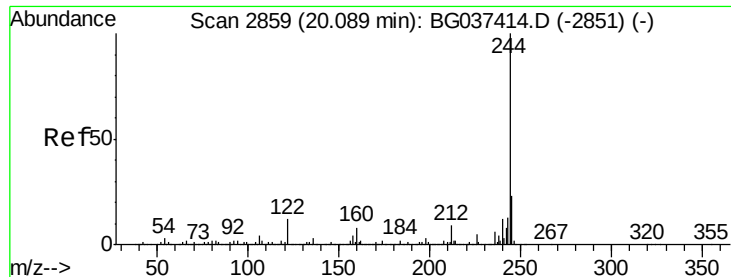
200 21.7 17.8 26.6

203 18.8 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: 76.759 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

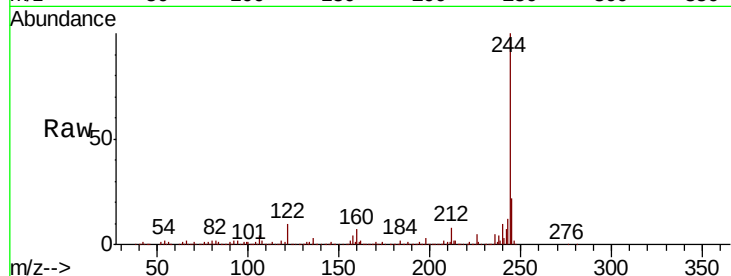
Tot Ion:244 Resp: 990363

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

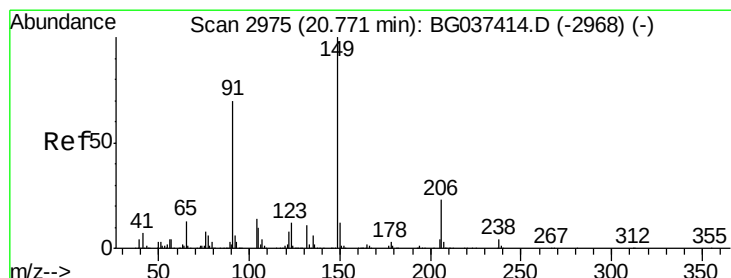
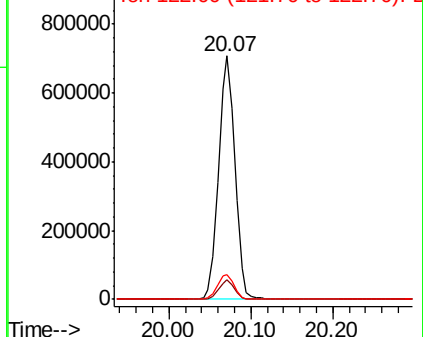
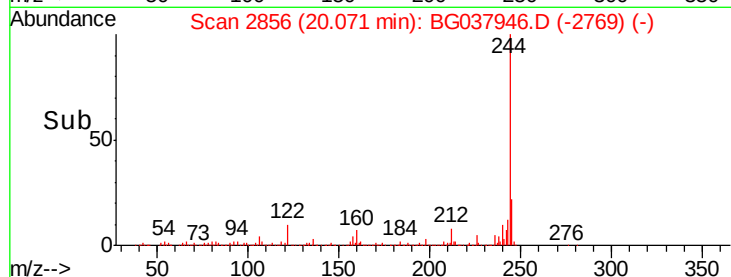
122 10.2 9.0 13.4



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: 43.440 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

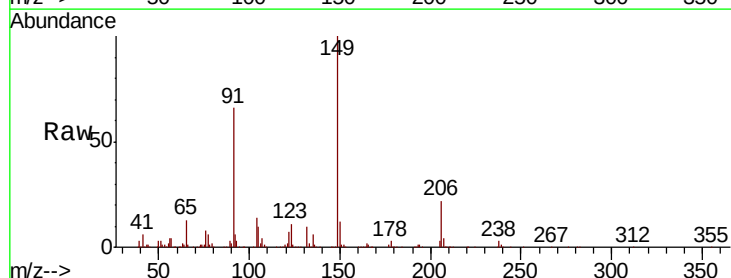
Tgt Ion:149 Resp: 320409

Ion Ratio Lower Upper

149 100

91 66.4 57.0 85.4

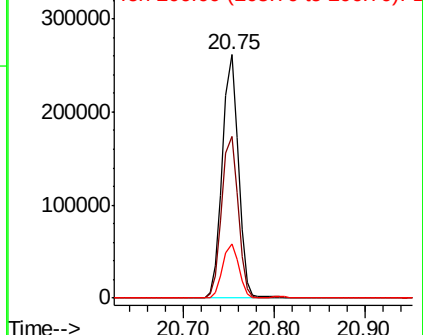
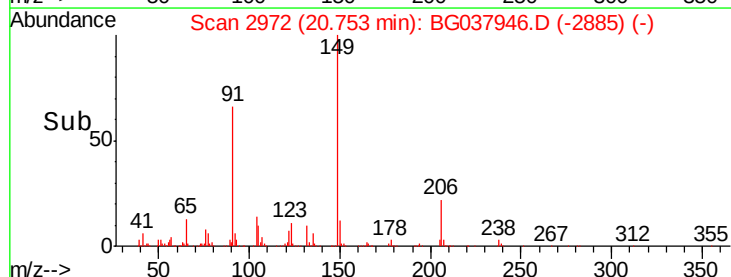
206 22.2 17.8 26.6

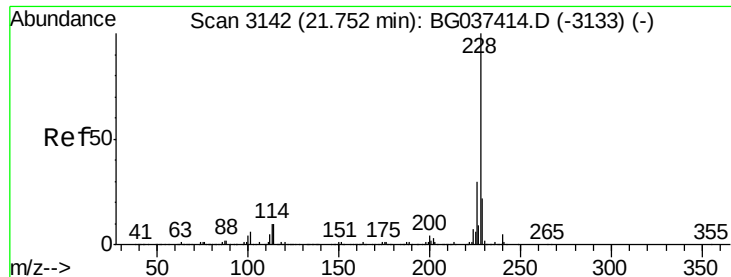


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

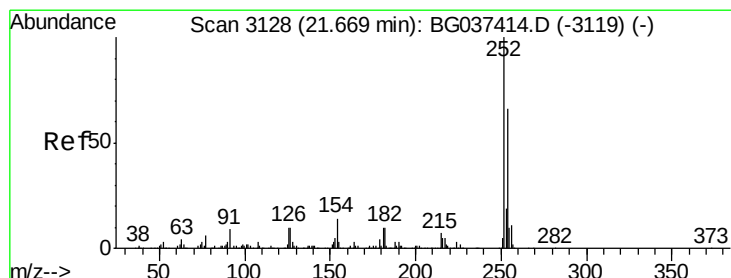
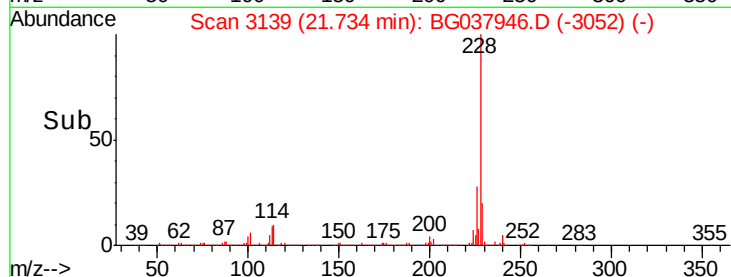
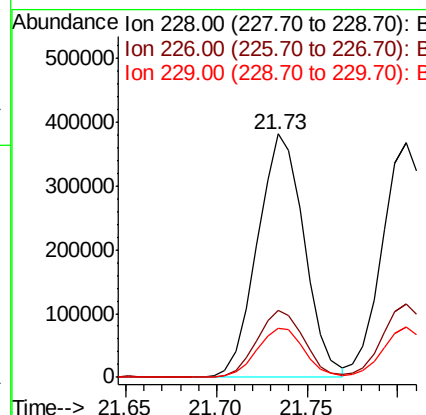
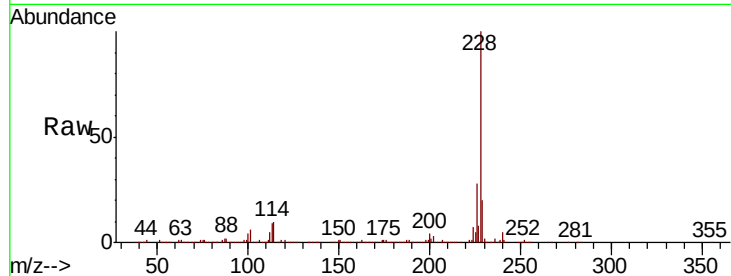




#81
Benzo(a)anthracene
Concen: 41.912 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

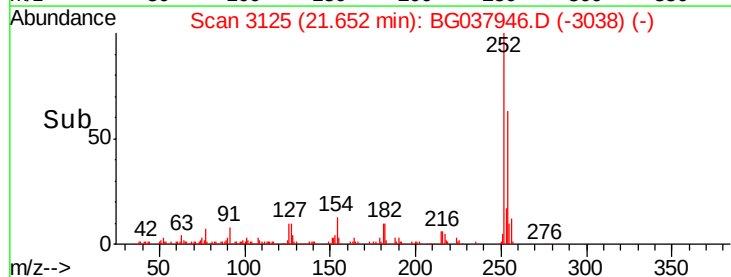
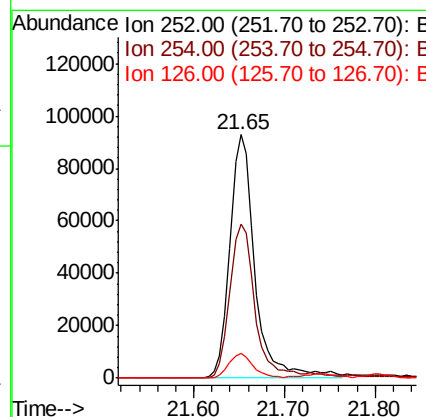
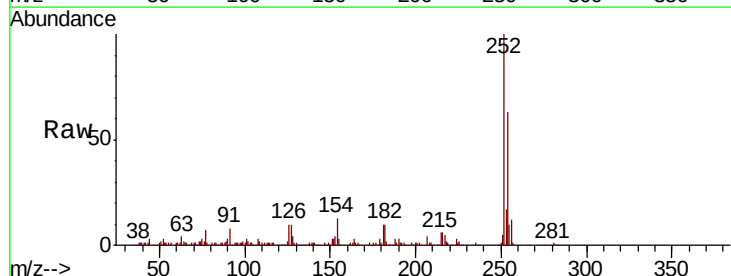
Instrument :
BNA_G
ClientSampled :

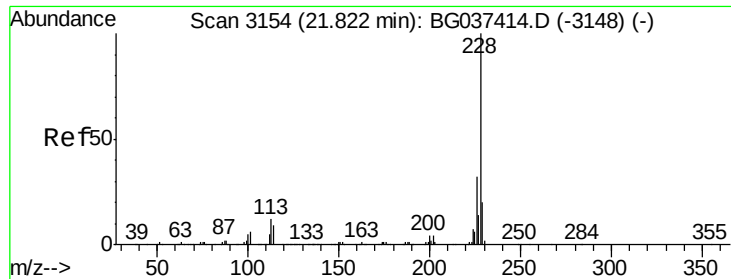
Tot Ion:228 Resp: 683454
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 28.328 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:252 Resp: 179053
Ion Ratio Lower Upper
252 100
254 63.4 52.0 78.0
126 10.2 8.2 12.4





#83

Chrysene

Concen: 41.766 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

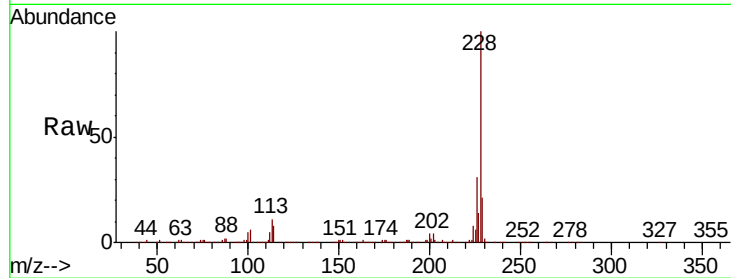
Tot Ion:228 Resp: 654897

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

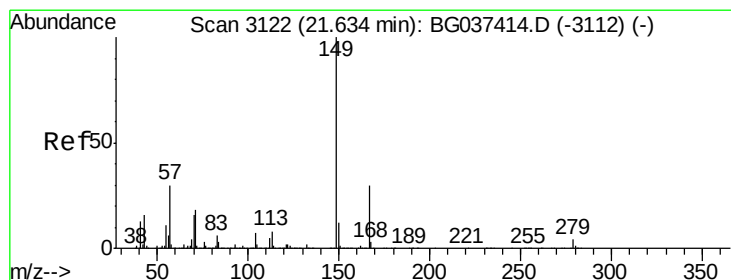
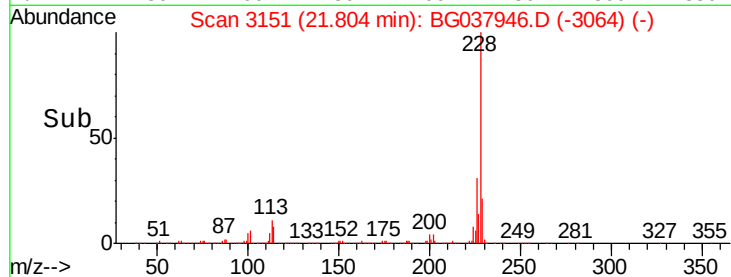
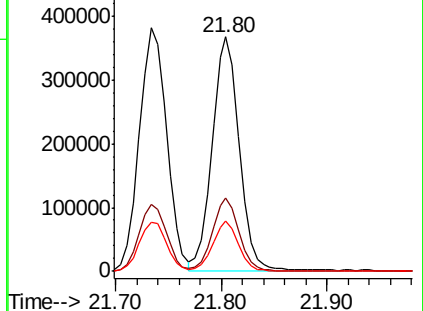
229 21.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.245 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

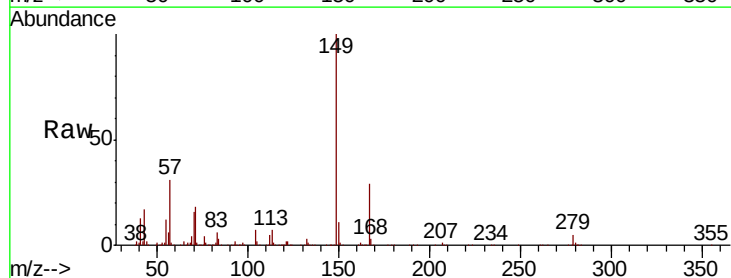
Tgt Ion:149 Resp: 447099

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.4

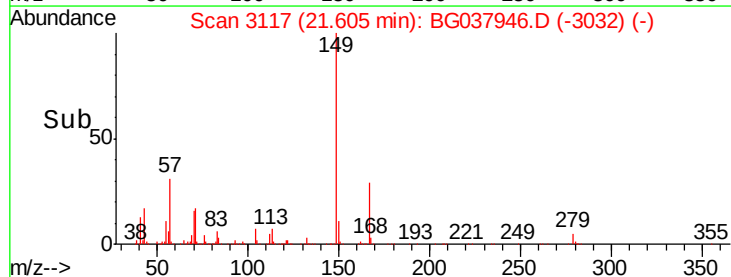
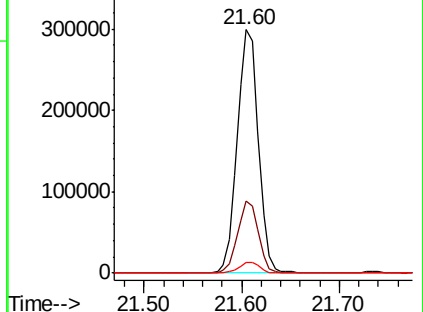
279 4.5 3.6 5.4

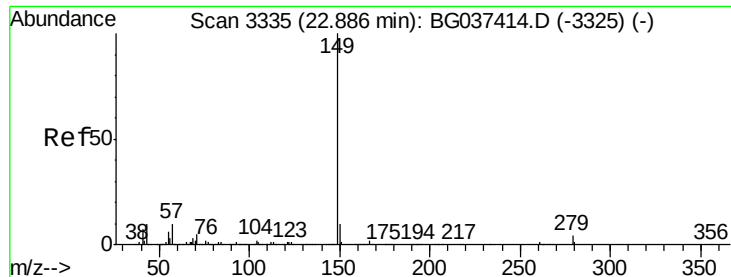


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

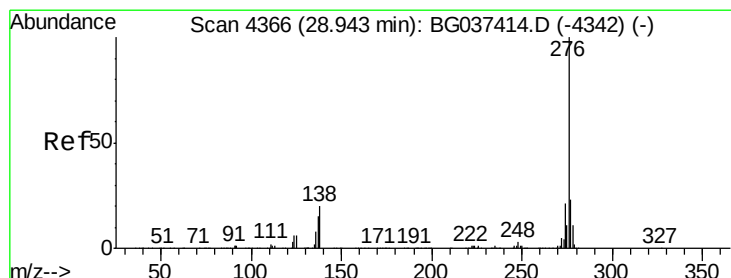
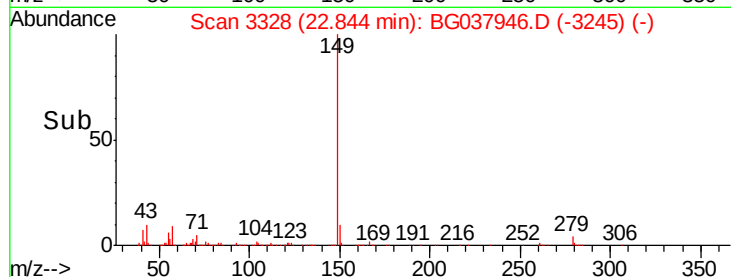
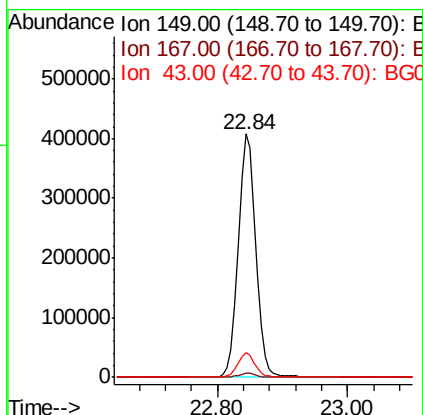
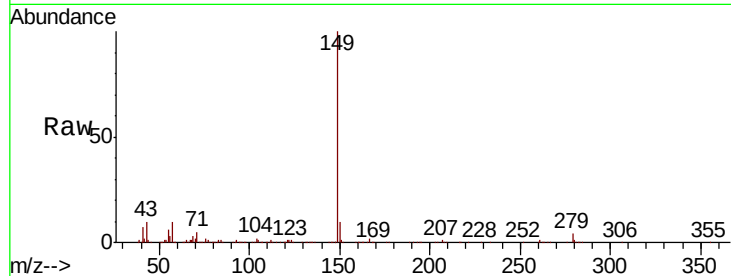




#85
Di-n-octyl phthalate
Concen: 45.027 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

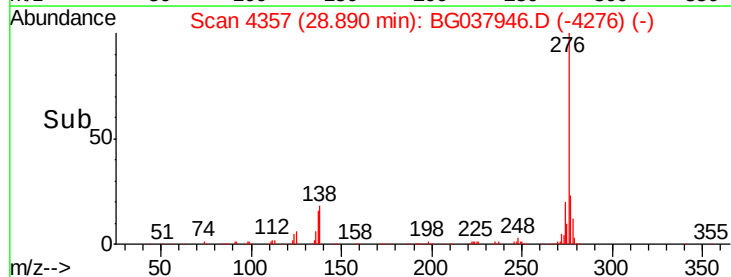
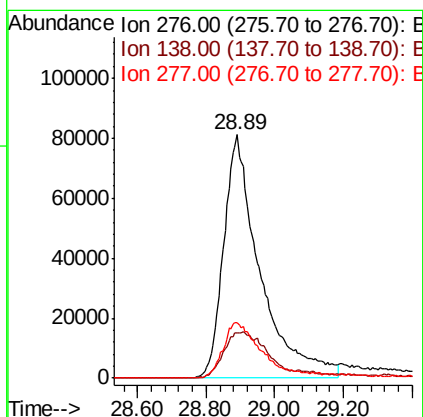
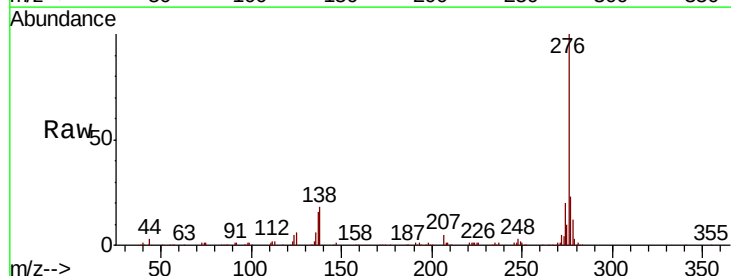
Instrument :
BNA_G
ClientSampleId :

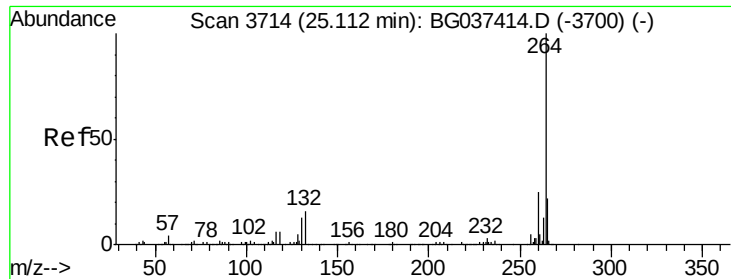
Tot Ion:149 Resp: 759121
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.502 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.05 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion:276 Resp: 597071
Ion Ratio Lower Upper
276 100
138 22.4 12.0 18.0#
277 24.1 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

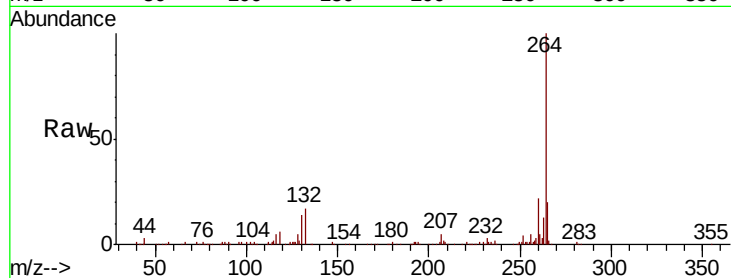
Tot Ion:264 Resp: 268641

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

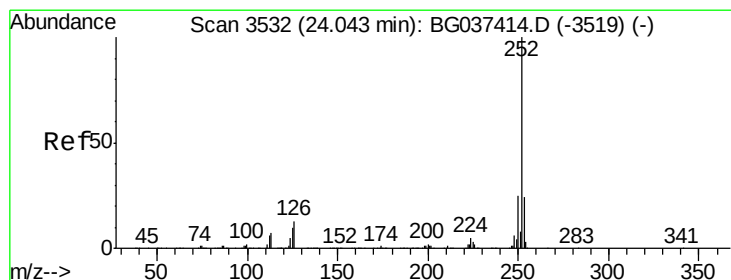
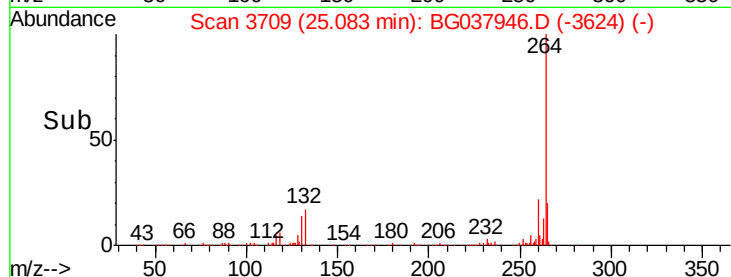
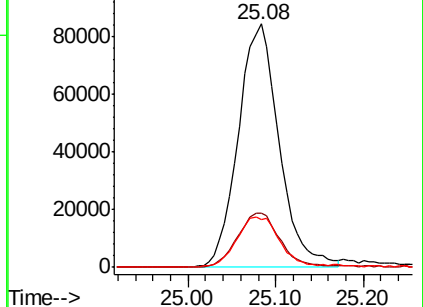
265 19.8 17.9 26.9



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: 42.919 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

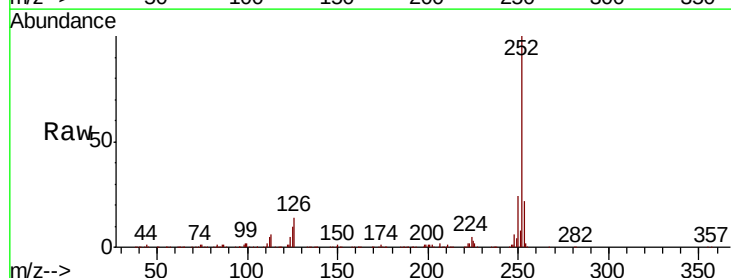
Tgt Ion:252 Resp: 632101

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

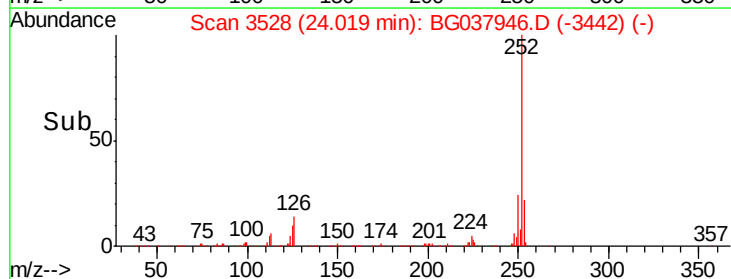
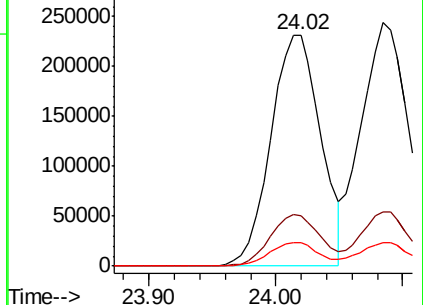
125 9.9 7.8 11.6

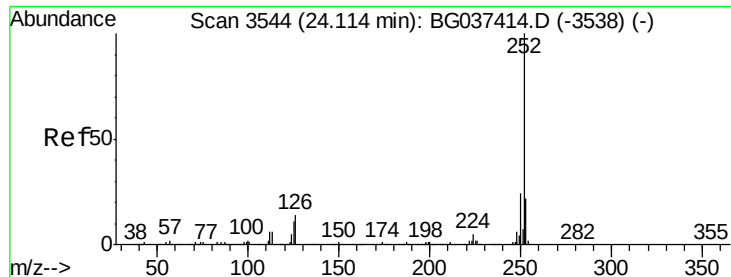


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.887 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

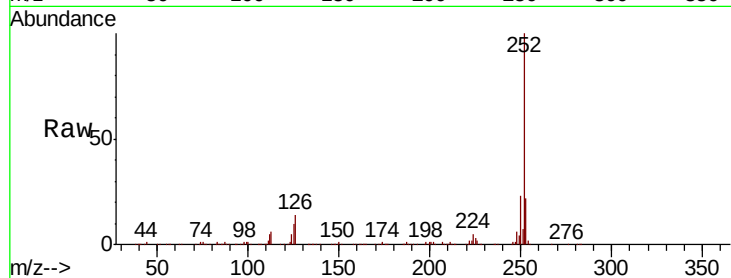
Tot Ion:252 Resp: 647690

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

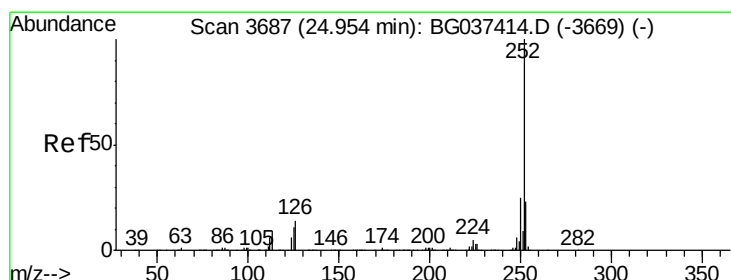
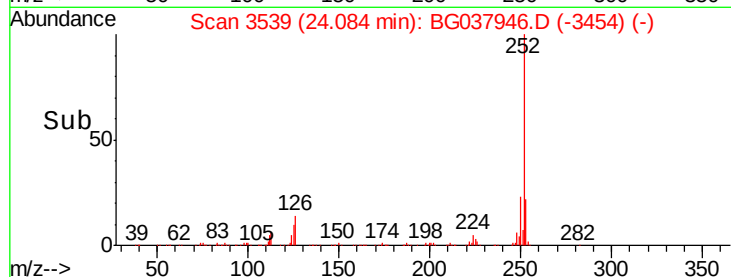
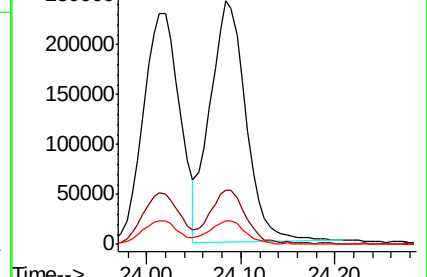
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.228 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG037946.D

Acq: 12 Nov 2018 16:08

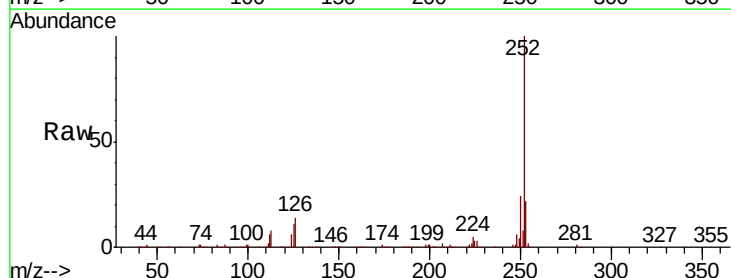
Tgt Ion:252 Resp: 618972

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

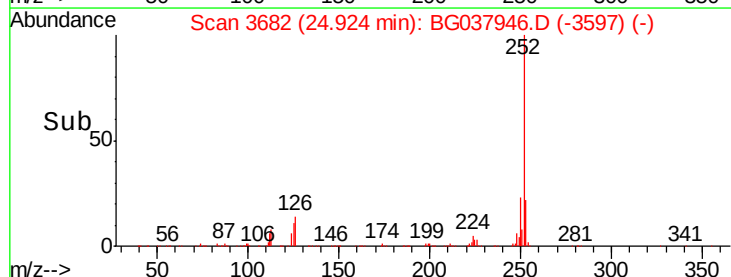
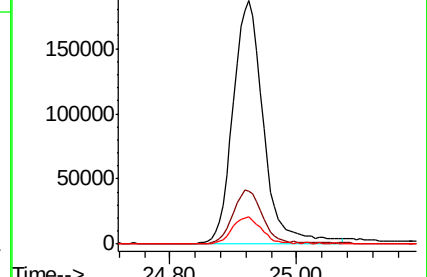
125 11.0 9.0 13.6

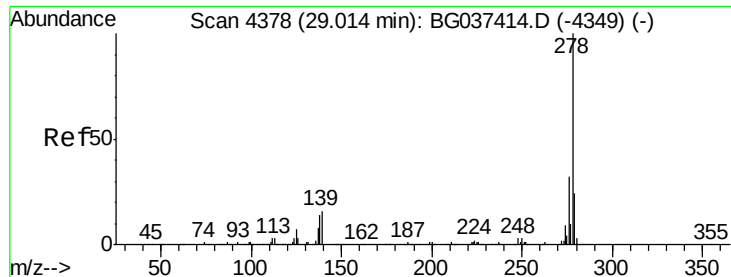


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

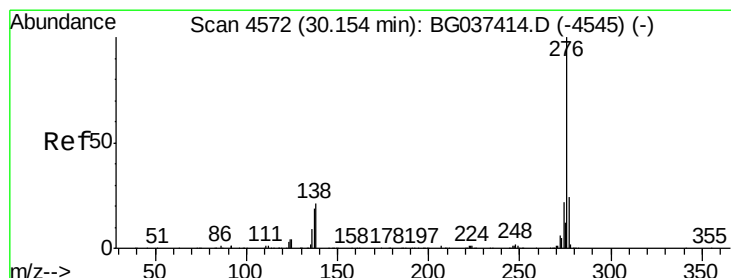
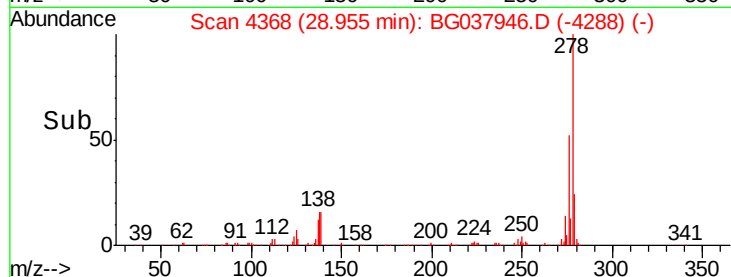
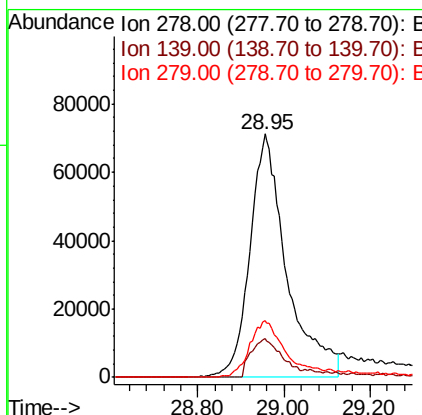
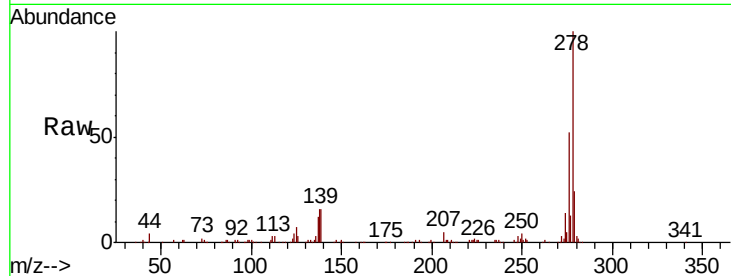




#91
Dibenzo(a,h)anthracene
Concen: 33.418 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	23.5	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 38.005 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.06 min
Lab File: BG037946.D
Acq: 12 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.6	17.2	25.8

