

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037990.D
 Acq On : 13 Nov 2018 23:14
 Operator : JU/SJ
 Sample : J5923-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Quant Time: Nov 14 00:14:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47262	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	197353	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	125512	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	308450	20.00	ng	0.00
76) Chrysene-d12	21.75	240	297504	20.00	ng	0.00
87) Perylene-d12	25.07	264	301428	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	304585	111.27	ng	0.00
7) Phenol-d6	7.23	99	379396	97.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	295375	80.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172312	120.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	677333	78.62	ng	0.00
79) Terphenyl-d14	20.07	244	1110929	87.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	600	0.464	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	335	0.250	ng	# 1
6) Aniline	7.61	93	393	0.078	ng	# 1
8) 2-Chlorophenol	7.61	128	65	0.020	ng	# 1
9) Benzaldehyde	7.24	77	553	0.196	ng	# 4
10) Phenol	7.60	94	759	0.183	ng	# 1
11) bis(2-Chloroethyl)ether	7.61	93	393	0.116	ng	# 1
15) Benzyl Alcohol	8.41	79	4148	1.467	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	8.59	45	375	0.060	ng	# 74
18) Hexachloroethane	9.27	117	301	0.224	ng	# 1
19) n-Nitroso-di-n-propylamine	9.26	70	37403	13.229	ng	# 72
22) Acetophenone	8.92	105	258	0.053	ng	# 48
24) Nitrobenzene	9.26	77	957	0.254	ng	# 38
27) 2,4-Dimethylphenol	10.30	122	54	0.019	ng	# 2
31) Naphthalene	10.96	128	833	0.086	ng	# 68
32) Benzoic acid	10.30	122	54	12.355	ng	# 1
37) 2-Methylnaphthalene	12.57	142	425	0.061	ng	# 64
38) 1-Methylnaphthalene	12.78	142	194	0.029	ng	# 6
46) 1,1'-Biphenyl	13.55	154	1318	0.125	ng	# 74
48) 2-Nitroaniline	13.34	65	1136	0.449	ng	# 4
51) 2,6-Dinitrotoluene	14.72	165	16599	7.371	ng	# 25
52) Acenaphthene	14.72	154	522	0.072	ng	# 3
54) 2,4-Dinitrophenol	15.12	184	58	9.326	ng	# 26
55) Dibenzofuran	15.12	168	65	0.005	ng	# 46
57) 2,4-Dinitrotoluene	14.72	165	16599	5.417	ng	# 24
58) Fluorene	16.21	166	8714	0.970	ng	# 92
60) Diethylphthalate	15.56	149	55	0.005	ng	# 58
63) Azobenzene	16.20	77	964	0.102	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.20	198	573	0.294	ng	# 81
66) n-Nitrosodiphenylamine	16.21	169	7322	0.785	ng	# 48
67) 4-Bromophenyl-phenylether	16.21	248	12046	3.558	ng	# 1
71) Phenanthrene	17.50	178	609	0.039	ng	# 59
72) Anthracene	17.50	178	609	0.039	ng	# 60
74) Di-n-butylphthalate	18.41	149	683	0.039	ng	# 77

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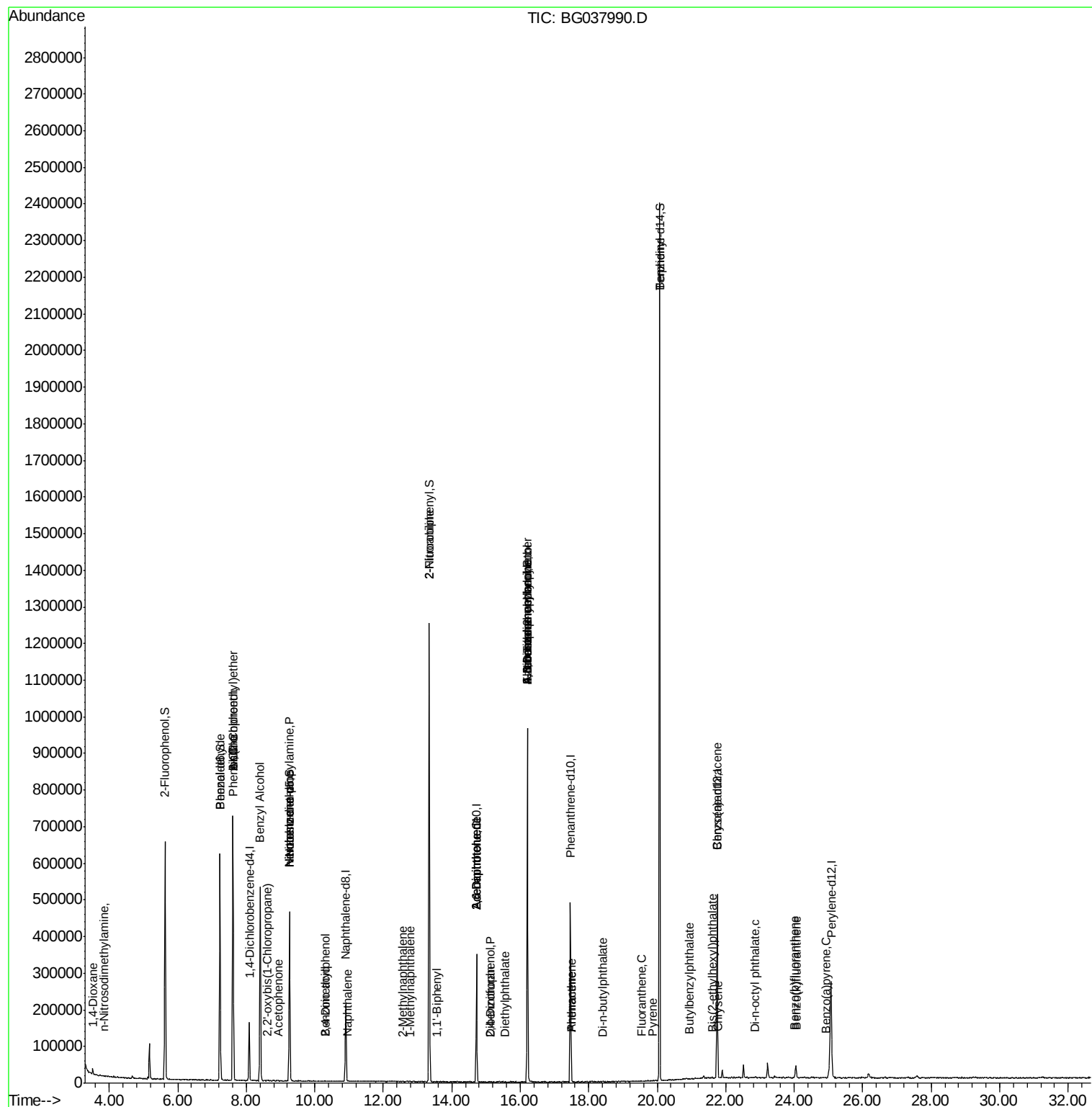
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.52	202	549	0.030	ng	63
77) Benzdine	20.07	184	19005	1.821	ng #	96
78) Pyrene	19.88	202	660	0.034	ng #	66
80) Butylbenzylphthalate	20.93	149	53	0.006	ng #	23
81) Benzo(a)anthracene	21.76	228	1314	0.073	ng #	63
83) Chrysene	21.79	228	574	0.033	ng #	48
84) Bis(2-ethylhexyl)phthalate	21.60	149	1184	0.098	ng #	51
85) Di-n-octyl phthalate	22.85	149	277	0.014	ng #	74
88) Benzo(b)fluoranthene	24.02	252	111	0.007	ng #	59
89) Benzo(k)fluoranthene	24.08	252	133	0.008	ng #	60
90) Benzo(a)pyrene	24.92	252	53	0.003	ng #	60

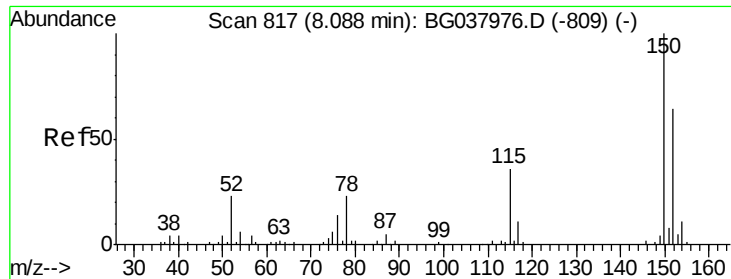
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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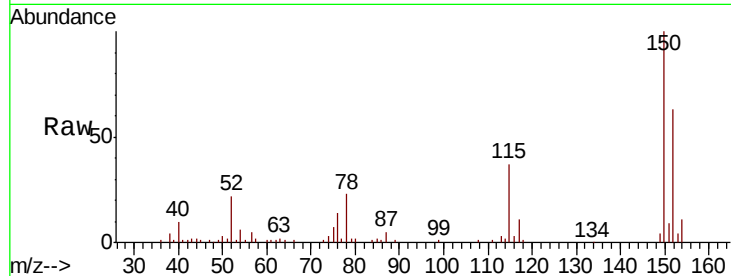




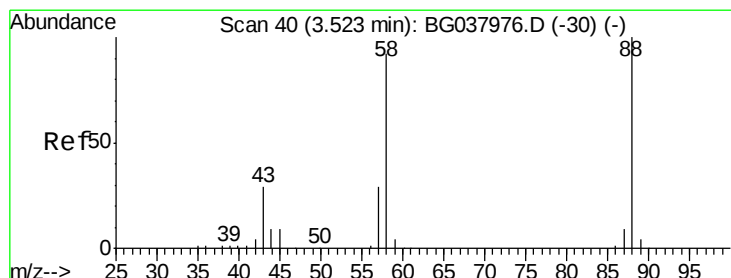
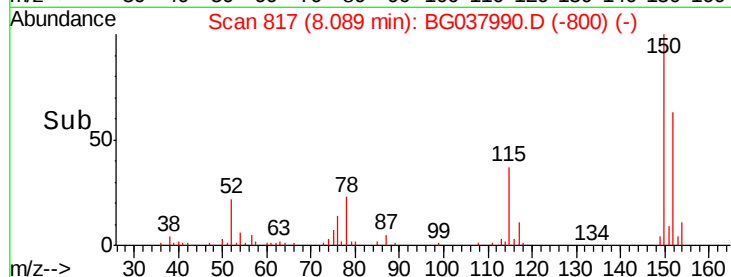
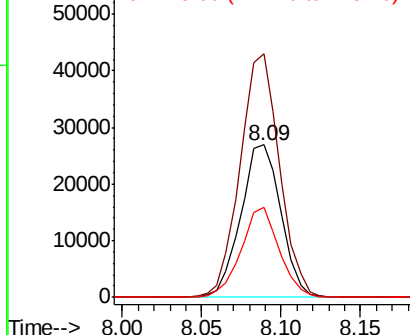
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 152 Resp: 47262
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.0 189.0
 115 59.1 45.5 68.3

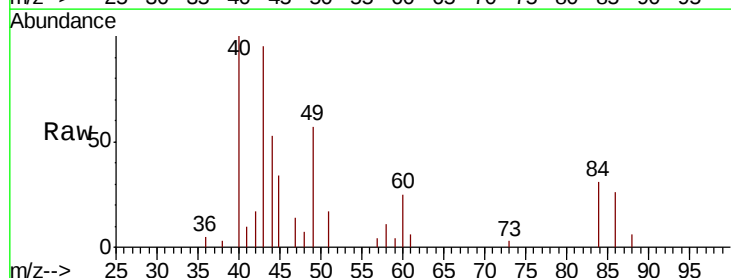


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

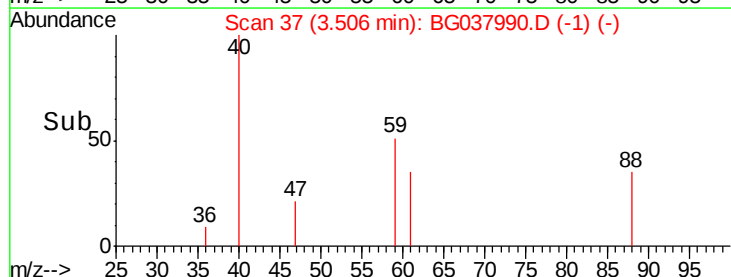
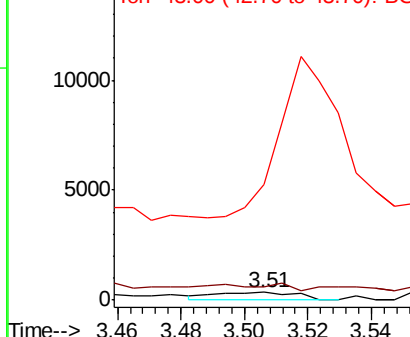


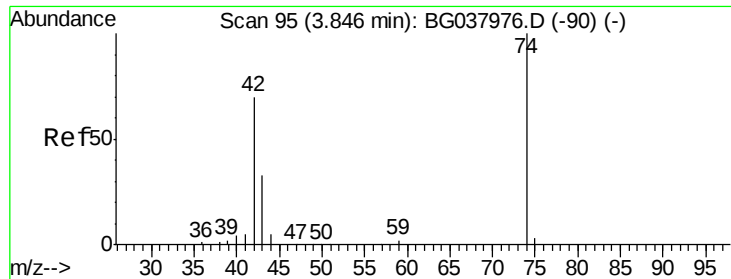
#2
 1,4-Dioxane
 Concen: 0.464 ng
 RT: 3.51 min Scan# 37
 Delta R.T. -0.02 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion: 88 Resp: 600
 Ion Ratio Lower Upper
 88 100
 58 0.0 74.4 111.6#
 43 1872.0 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





#4

n-Nitrosodimethylamine

Concen: 0.250 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

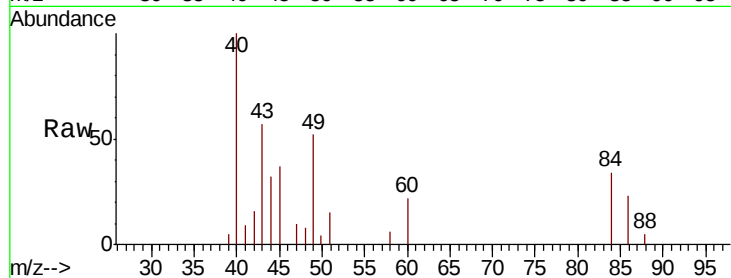
Tgt Ion: 42 Resp: 335

Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

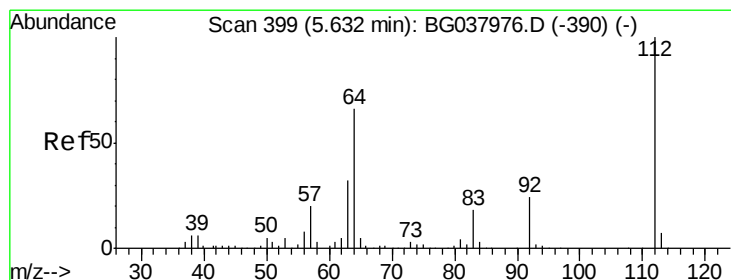
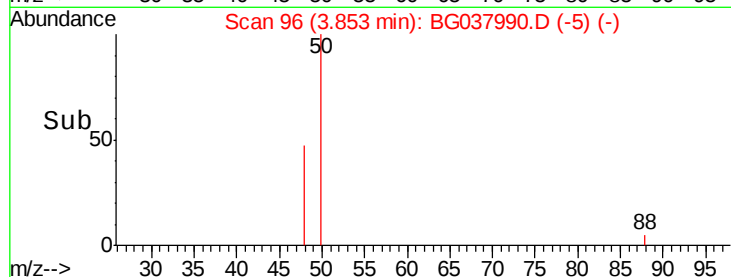
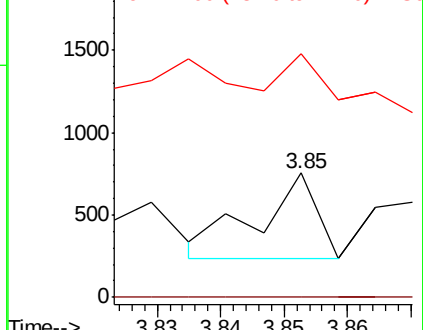
44 196.0 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 111.270 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

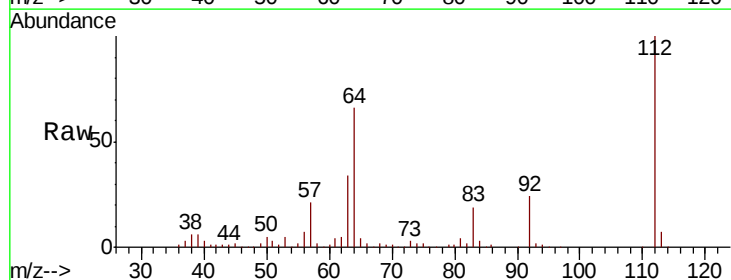
Tgt Ion: 112 Resp: 304585

Ion Ratio Lower Upper

112 100

64 65.6 53.1 79.7

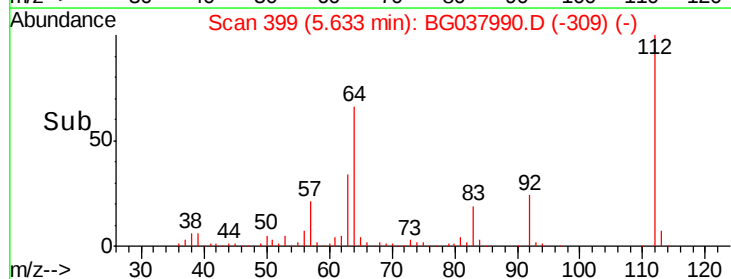
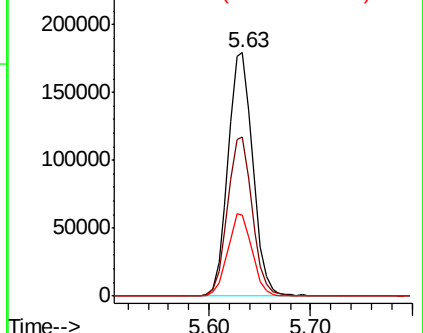
63 33.5 27.3 40.9

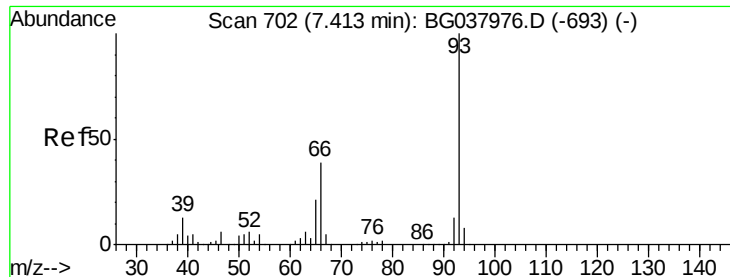


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.078 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.20 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

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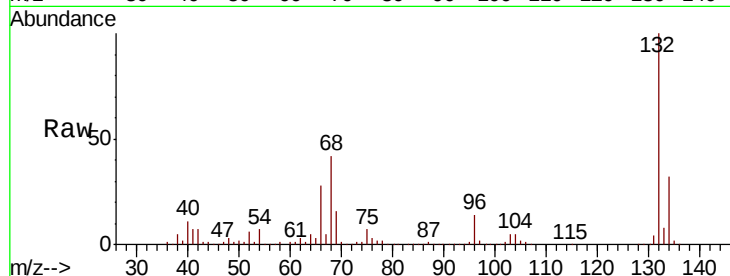
Tgt Ion: 93 Resp: 393

Ion Ratio Lower Upper

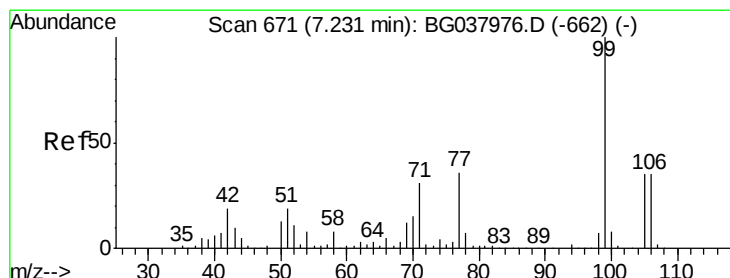
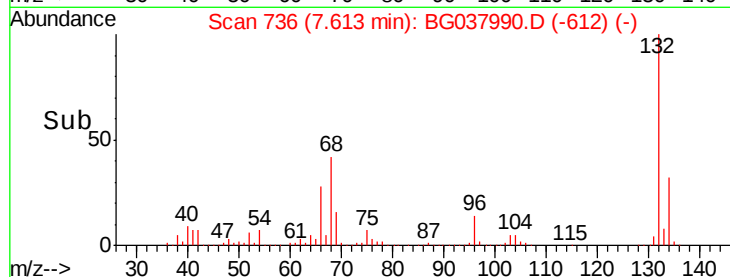
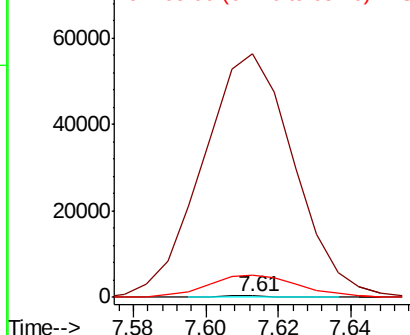
93 100

66 16634.8 32.8 49.2#

65 1553.4 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: 97.097 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

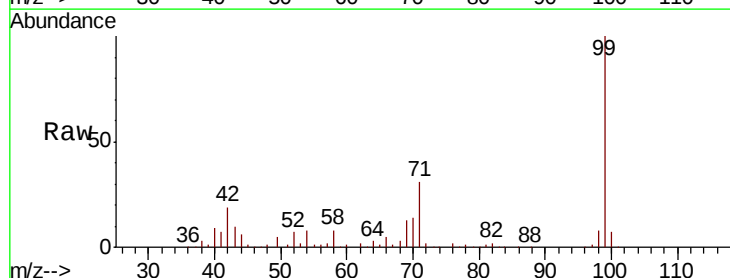
Tgt Ion: 99 Resp: 379396

Ion Ratio Lower Upper

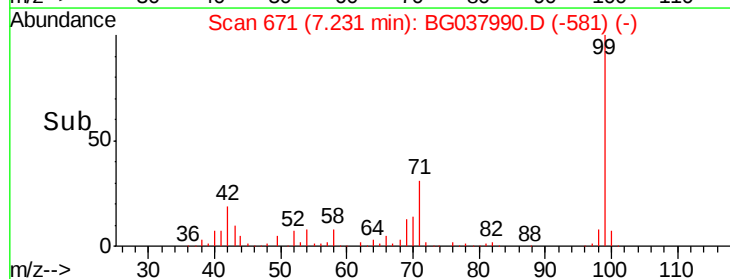
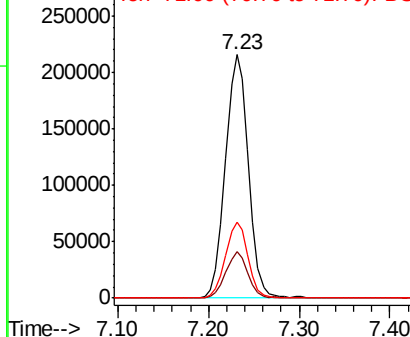
99 100

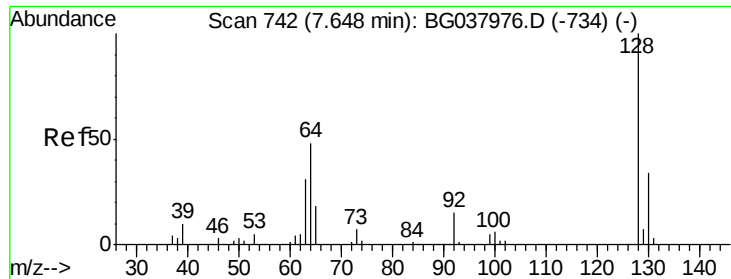
42 18.9 15.0 22.4

71 31.3 25.5 38.3



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





#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.03 min

Lab File: BG037990.D

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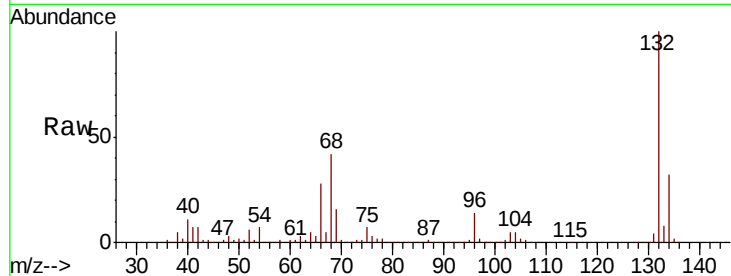
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

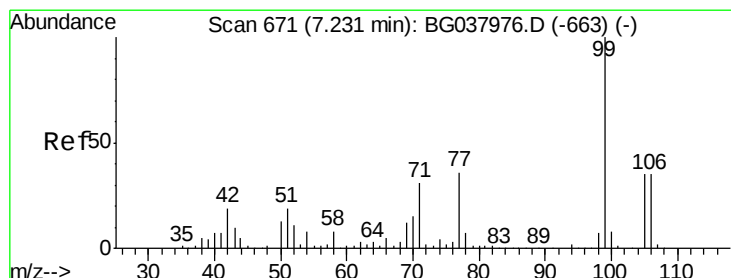
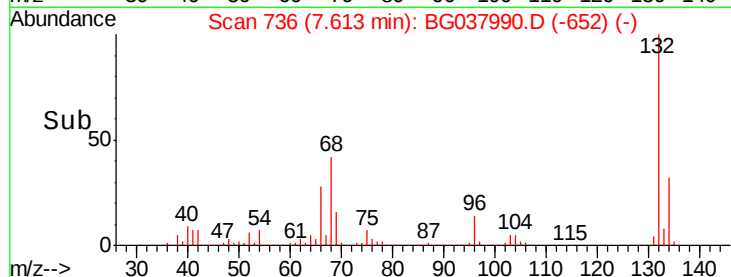
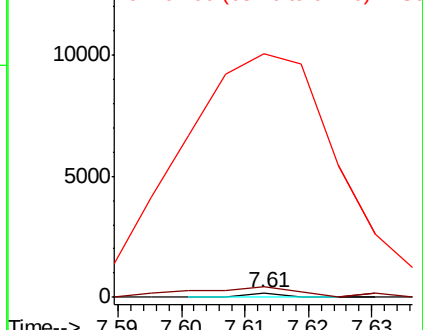
128 100

130 239.9 12.0 52.0#

64 5496.2 32.9 72.9#



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



#9

Benzaldehyde

Concen: 0.196 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

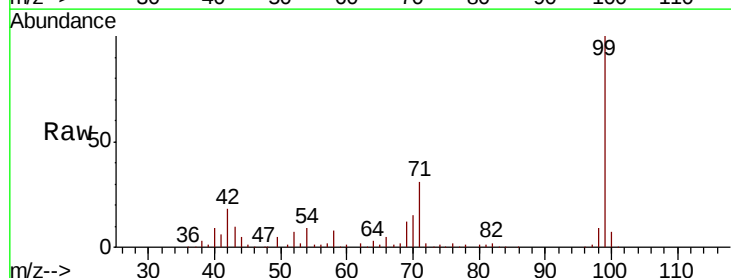
Tgt Ion: 77 Resp: 553

Ion Ratio Lower Upper

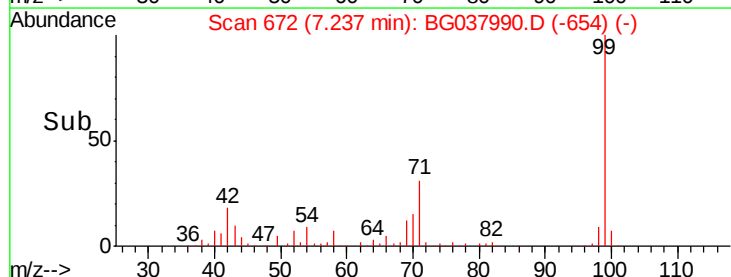
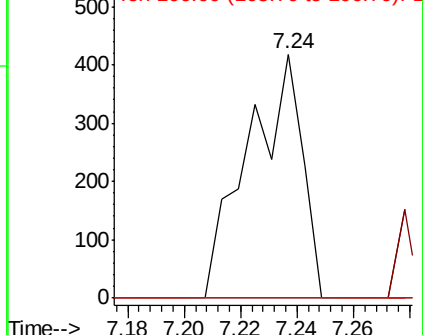
77 100

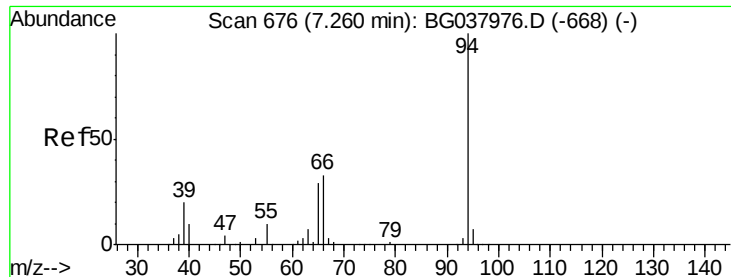
105 0.0 72.6 112.6#

106 0.0 71.3 111.3#



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





#10

Phenol

Concen: 0.183 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.34 min

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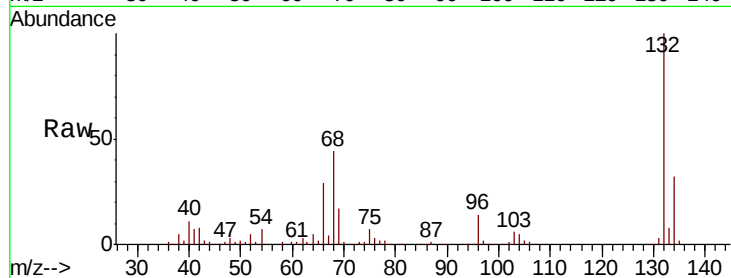
Tgt Ion: 94 Resp: 759

Ion Ratio Lower Upper

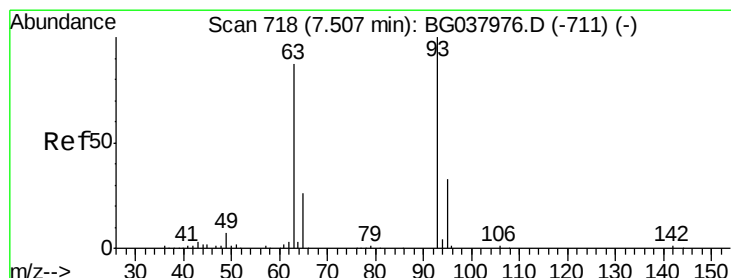
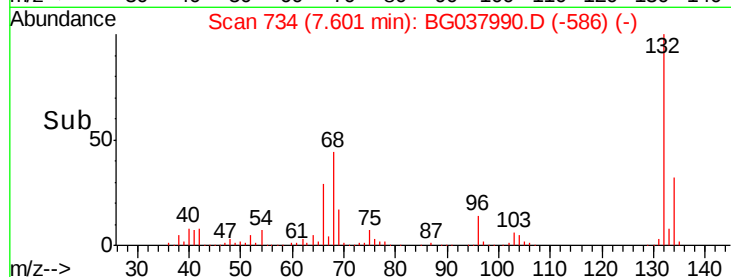
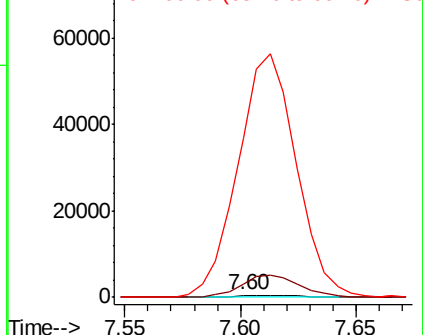
94 100

65 690.9 9.7 49.7#

66 8231.6 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: 0.116 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.11 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

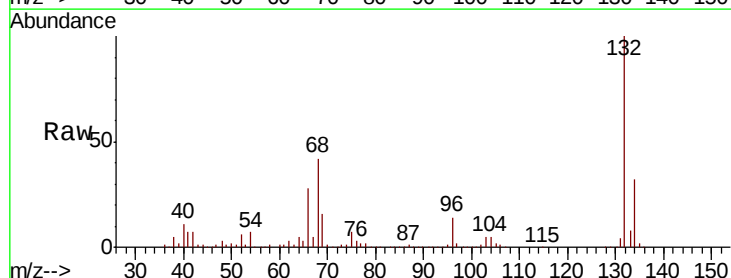
Tgt Ion: 93 Resp: 393

Ion Ratio Lower Upper

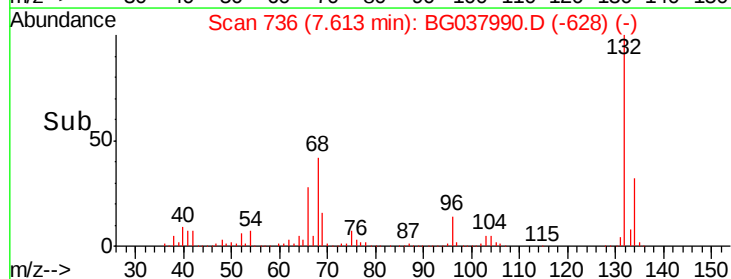
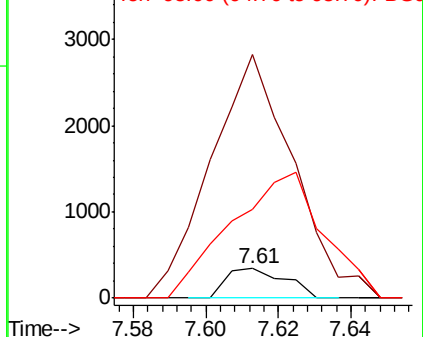
93 100

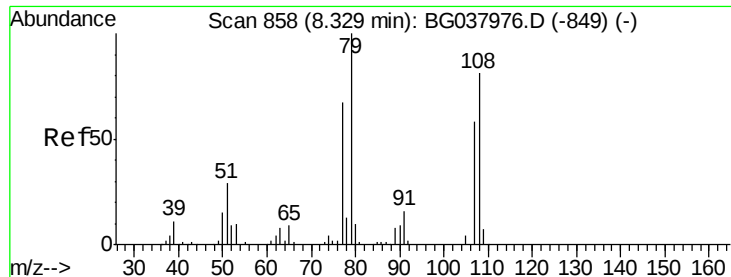
63 832.7 69.5 109.5#

95 305.3 12.6 52.6#



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





#15

Benzyl Alcohol

Concen: 1.467 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.08 min

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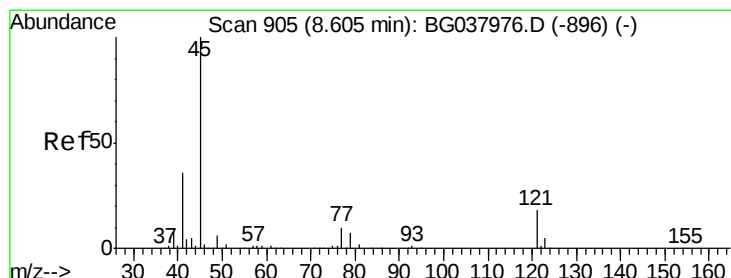
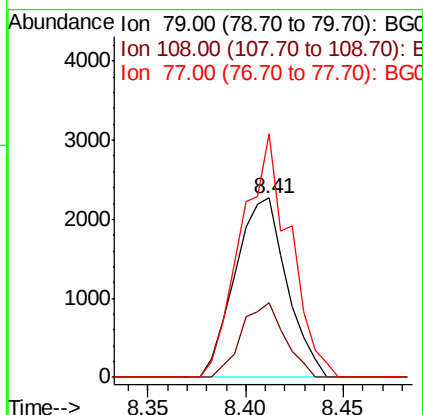
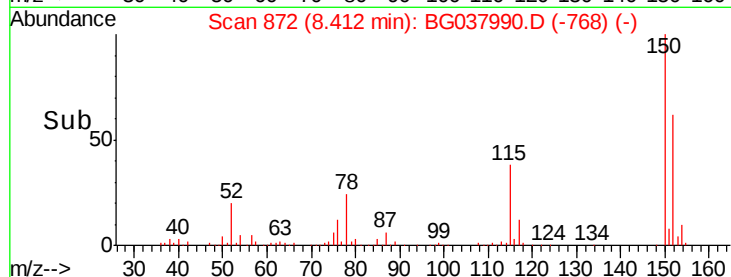
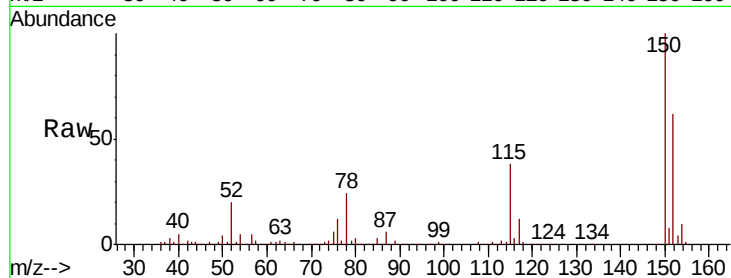
Tgt Ion: 79 Resp: 4148

Ion Ratio Lower Upper

79 100

108 41.6 65.8 98.8#

77 136.0 52.9 79.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.060 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

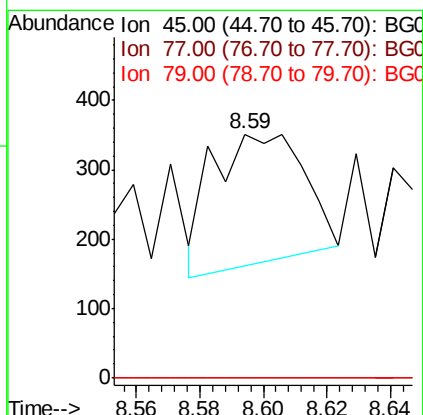
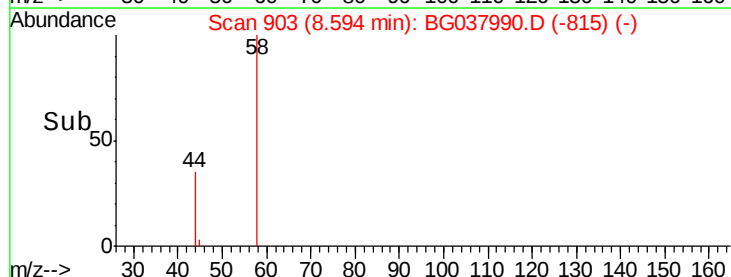
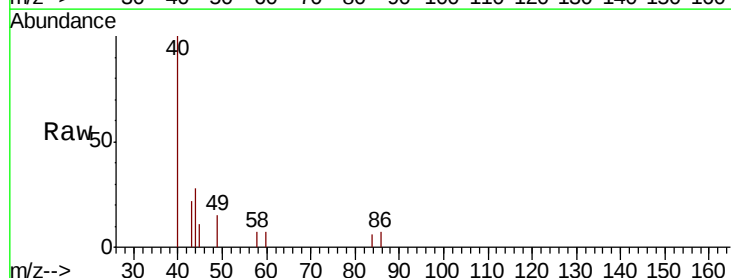
Tgt Ion: 45 Resp: 375

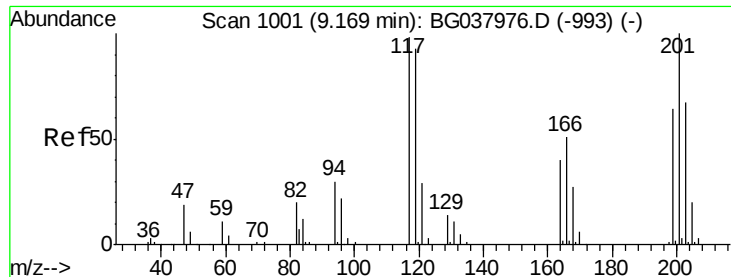
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.0

79 0.0 0.0 29.0

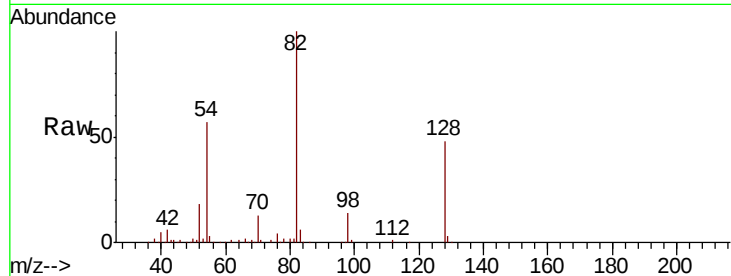




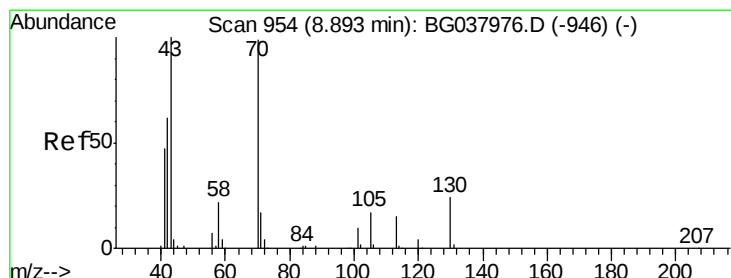
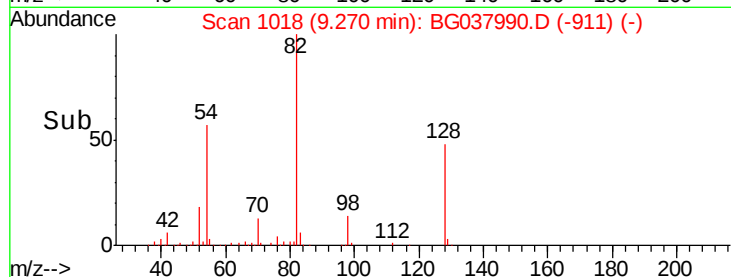
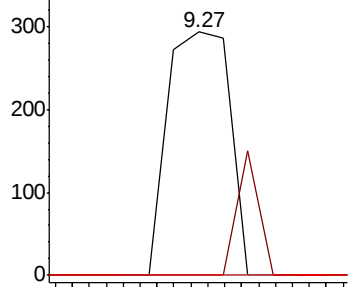
#18
Hexachloroethane
Concen: 0.224 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.10 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tgt Ion:117 Resp: 301
Ion Ratio Lower Upper
117 100
119 0.0 74.6 111.8#
201 0.0 80.8 121.2#

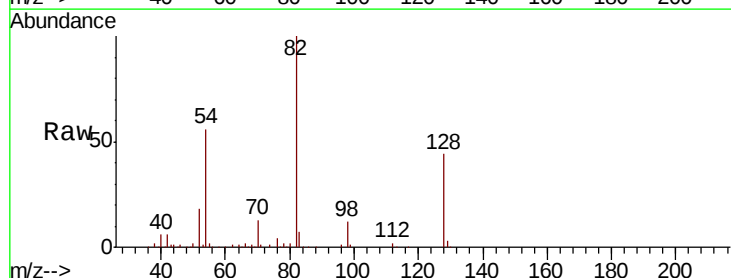


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

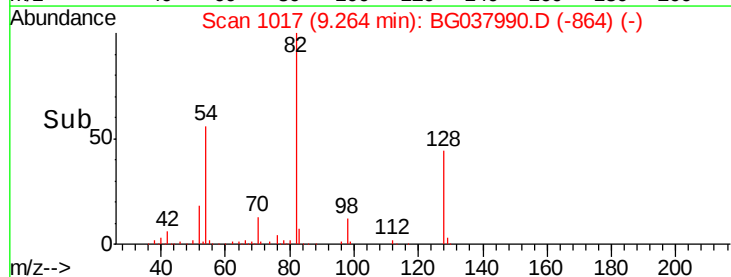
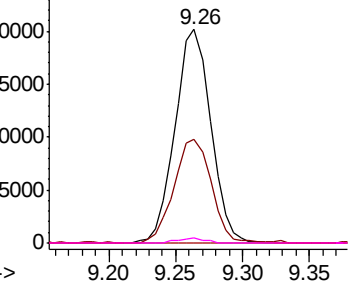


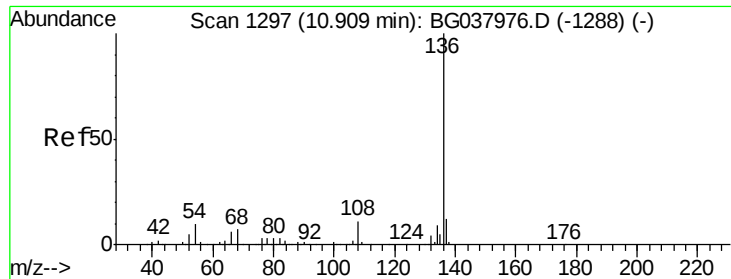
#19
n-Nitroso-di-n-propylamine
Concen: 13.229 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion: 70 Resp: 37403
Ion Ratio Lower Upper
70 100
42 48.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 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

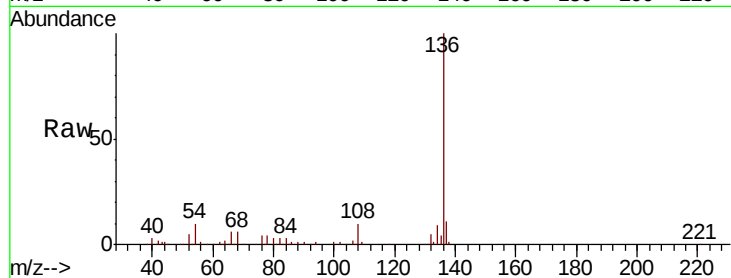




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tgt Ion:	136	Resp:	197353
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.5	7.9	11.9
68	6.3	4.8	7.2



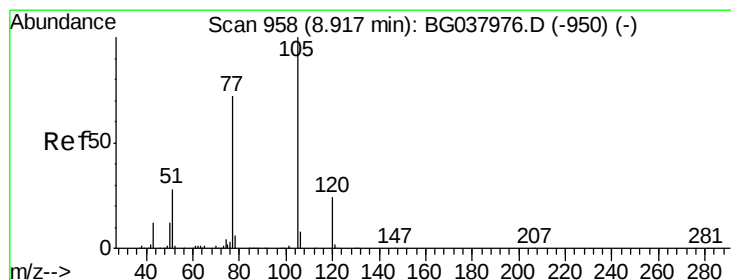
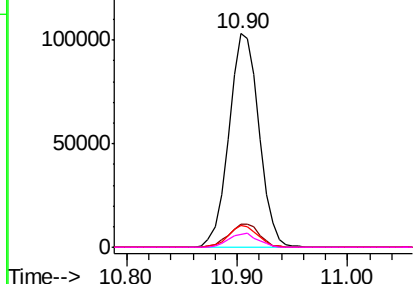
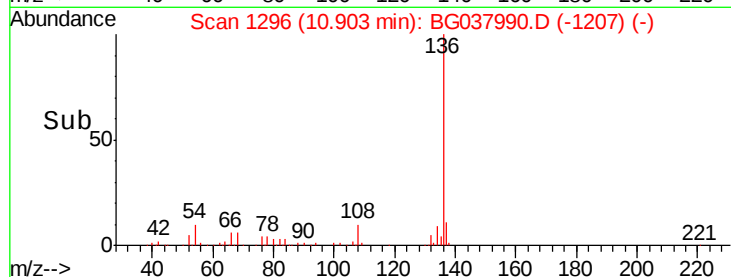
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

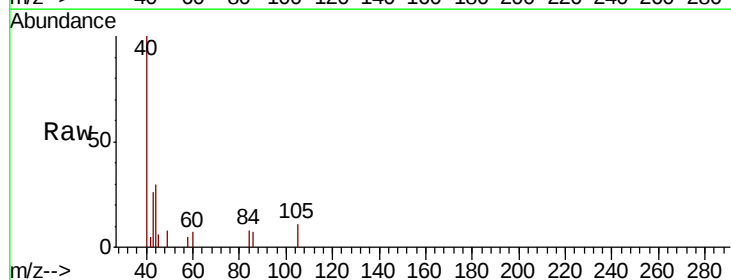
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 0.053 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:	105	Resp:	258
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#



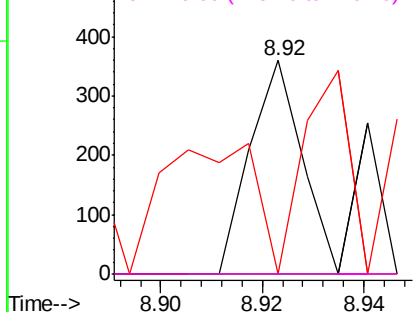
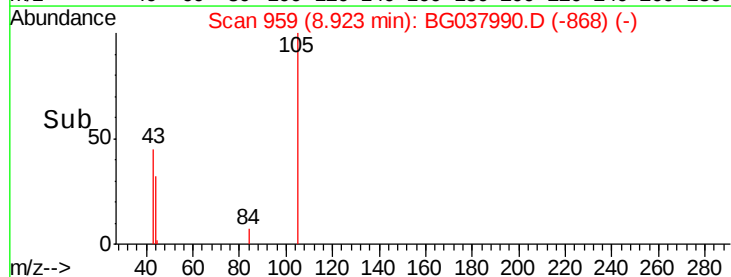
Abundance

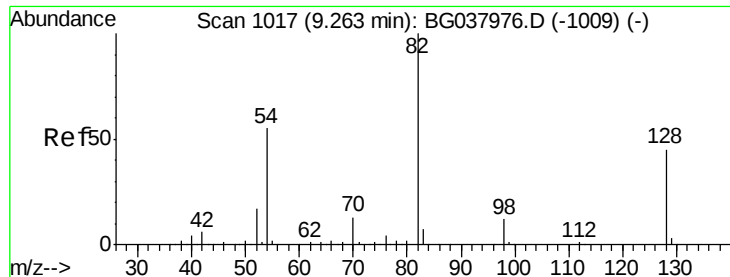
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

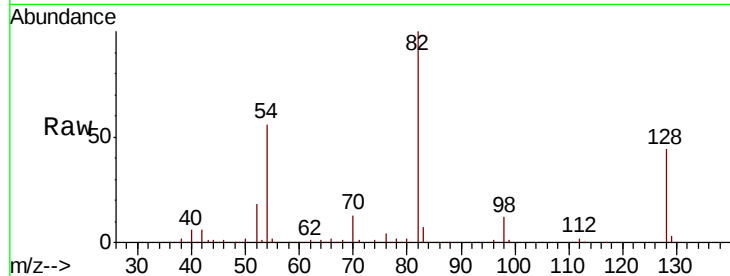




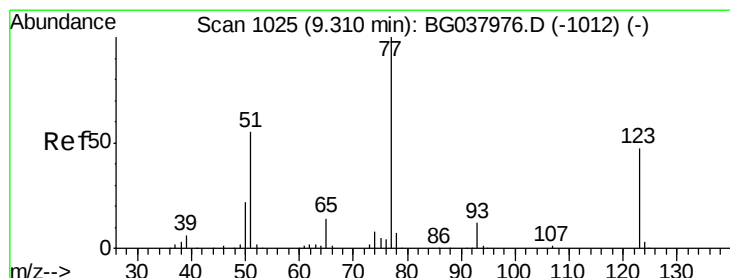
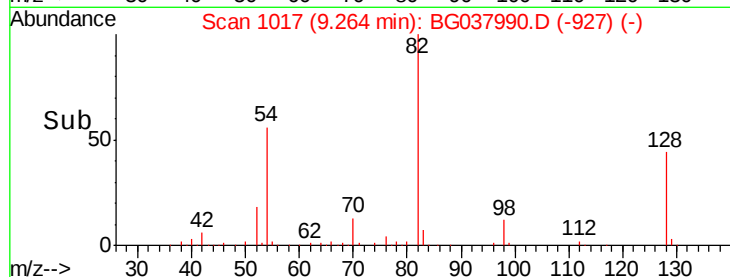
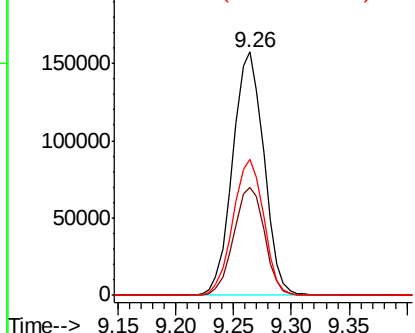
#23
 Nitrobenzene-d5
 Concen: 80.118 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	55.9	45.3	67.9

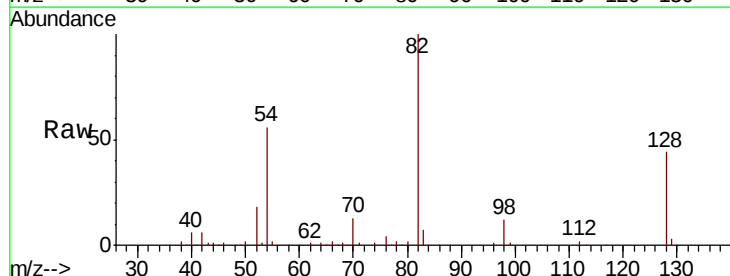


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

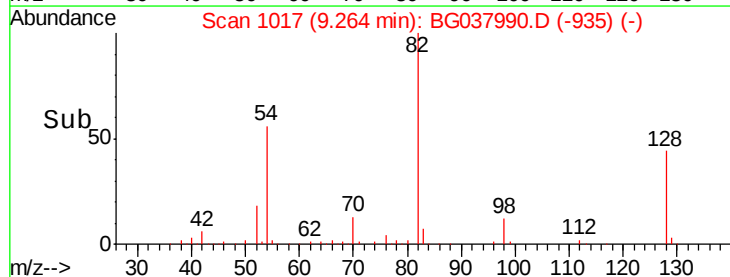
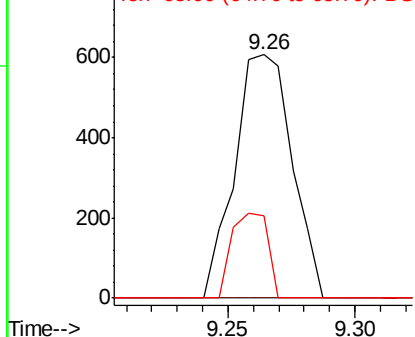


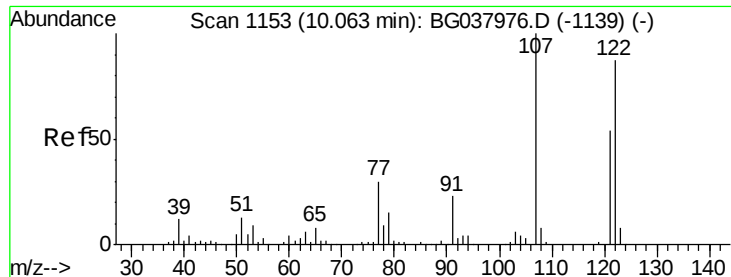
#24
 Nitrobenzene
 Concen: 0.254 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.05 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	33.9	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





#27

2,4-Dimethylphenol

Concen: 0.019 ng

RT: 10.30 min Scan# 1194

Delta R.T. 0.24 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

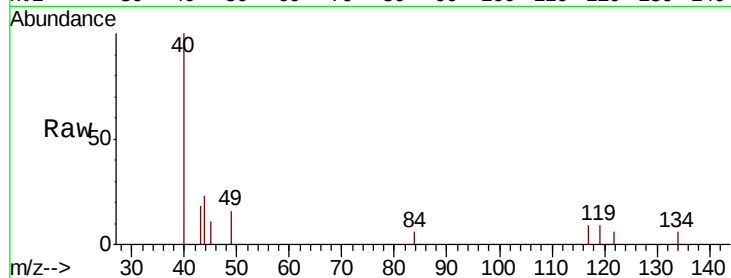
Tgt Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

107 0.0 94.2 141.2#

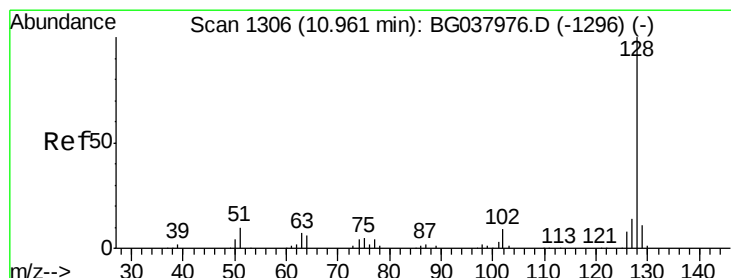
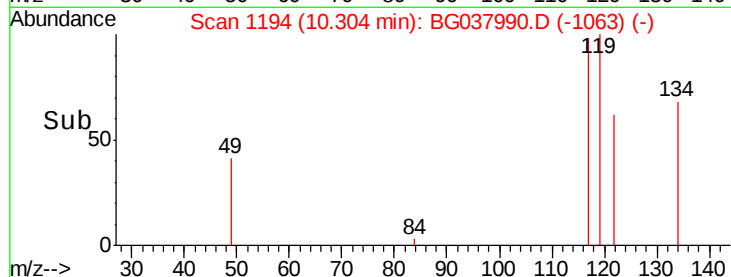
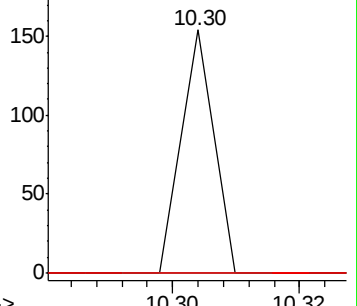
121 0.0 47.3 70.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 0.086 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

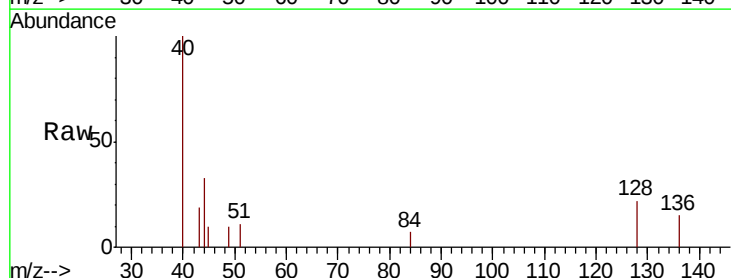
Tgt Ion:128 Resp: 833

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

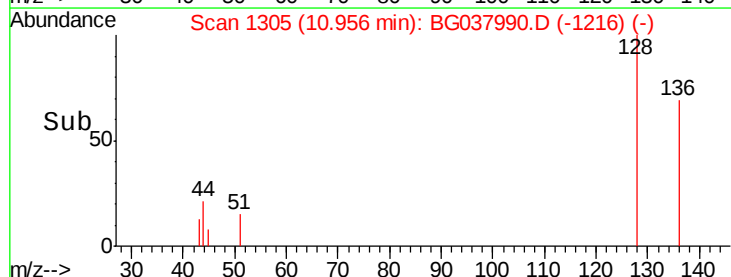
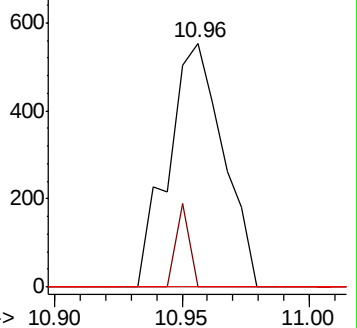
127 0.0 11.1 16.7#

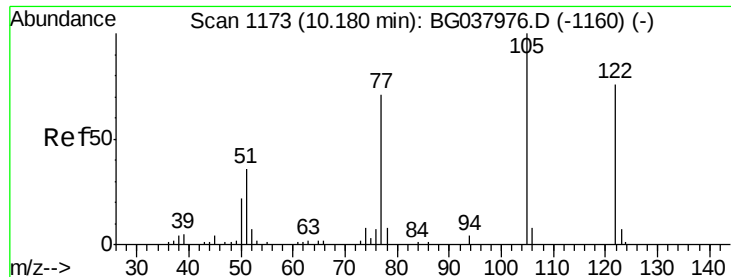


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 12.355 ng

RT: 10.30 min Scan# 1194

Delta R.T. 0.12 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

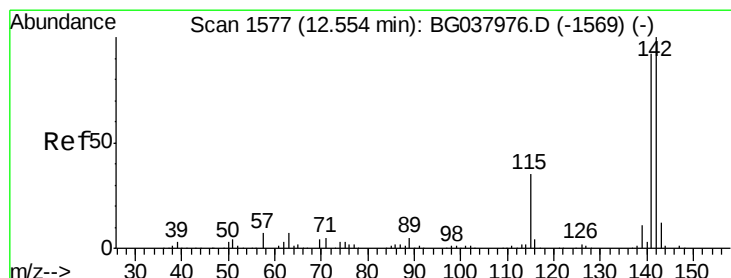
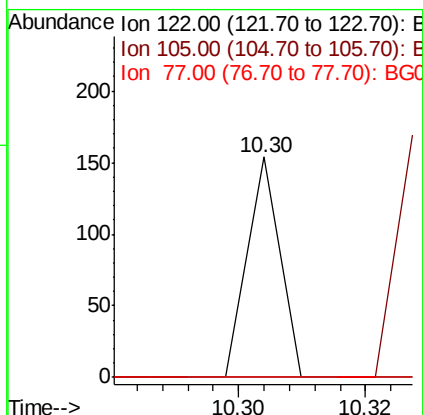
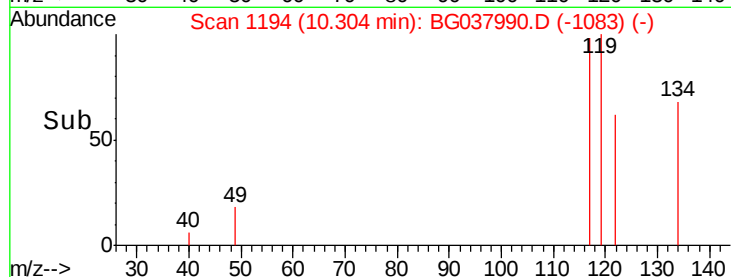
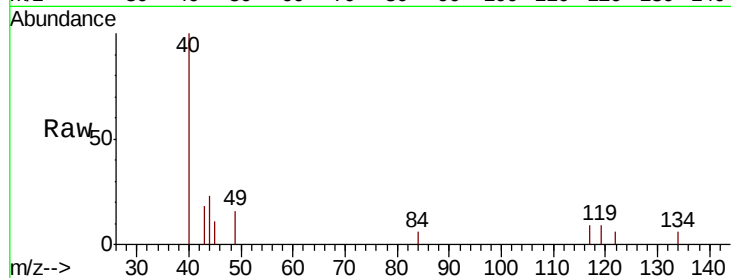
Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.7	146.7#
77	0.0	72.2	112.2#



#37

2-Methylnaphthalene

Concen: 0.061 ng

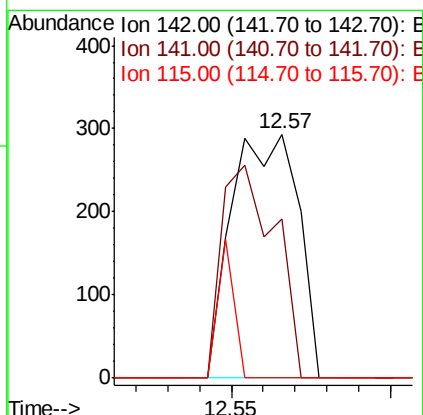
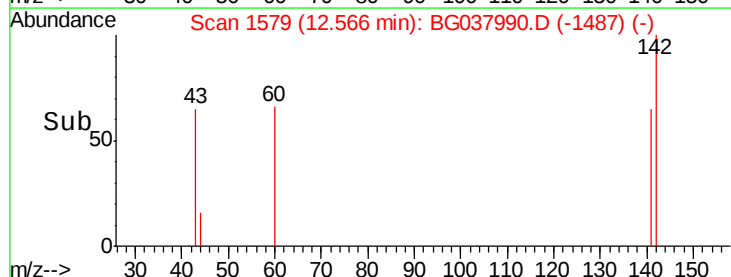
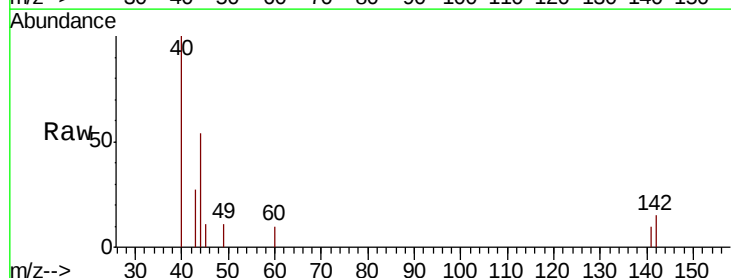
RT: 12.57 min Scan# 1579

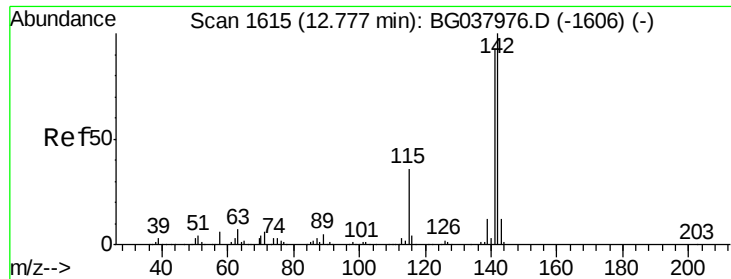
Delta R.T. 0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Tgt Ion:	142	Resp:	425
Ion	Ratio	Lower	Upper
142	100		
141	65.2	71.9	107.9#
115	0.0	27.8	41.8#

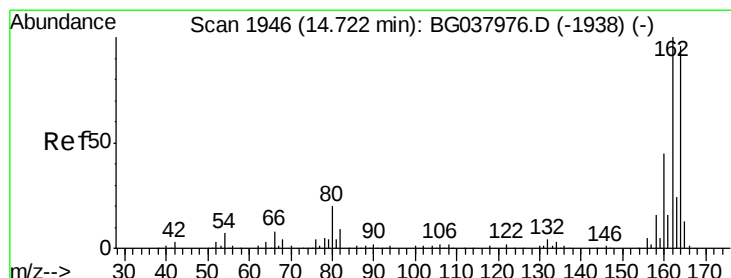
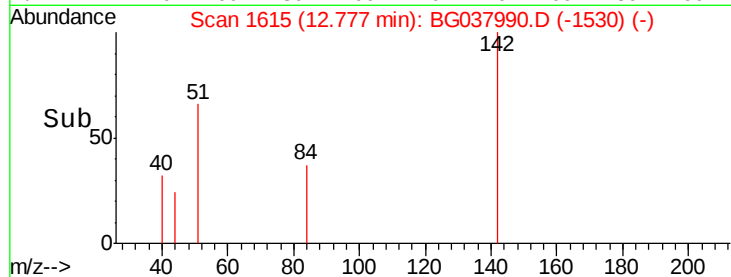
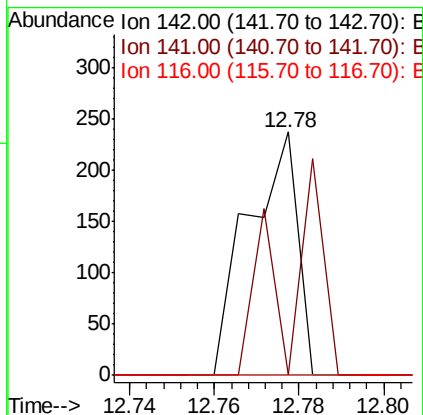
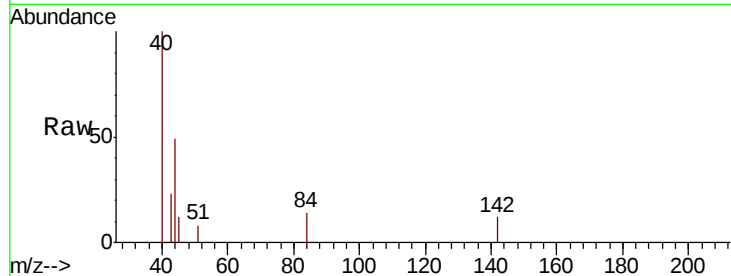




#38
1-Methylnaphthalene
Concen: 0.029 ng
RT: 12.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

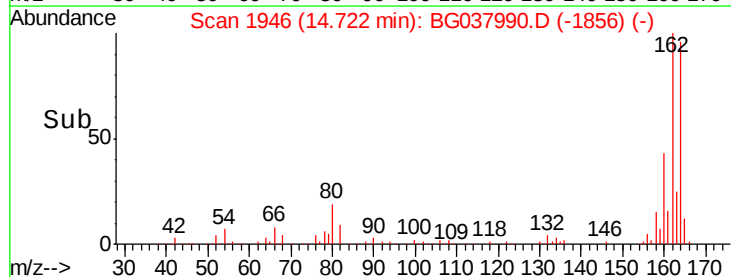
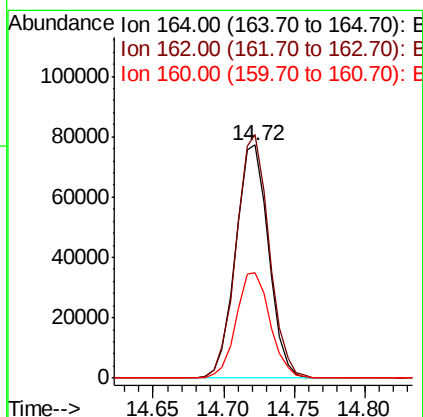
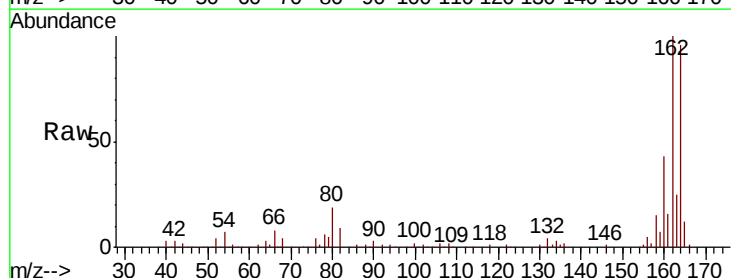
Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

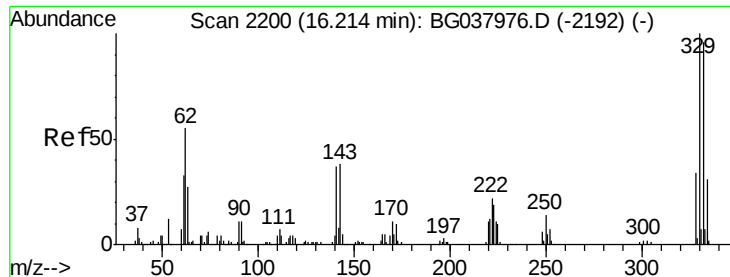
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
141 0.0 75.2 112.8#
116 0.0 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:164 Resp: 125512
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 45.1 36.3 54.5

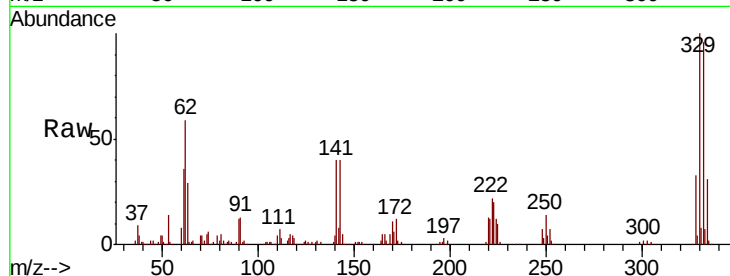




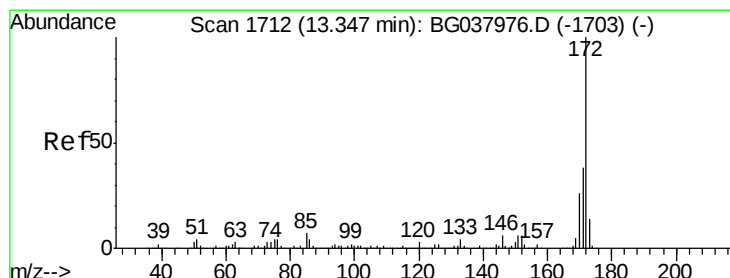
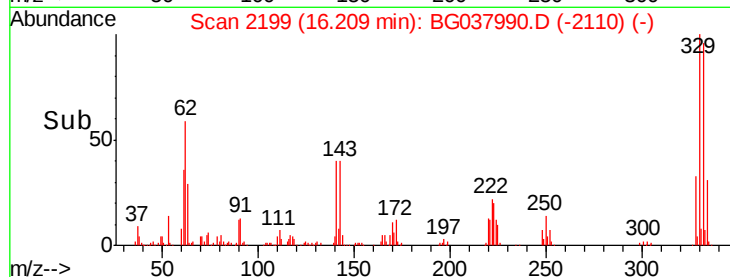
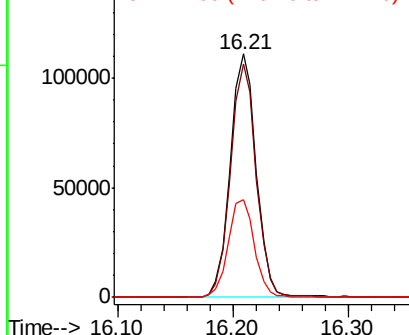
#42
 2,4,6-Tribromophenol
 Concen: 120.377 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	40.7	32.2	48.2

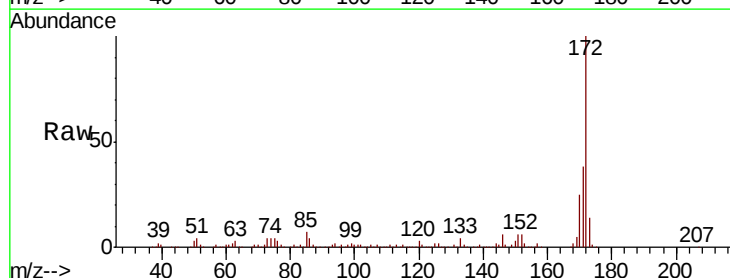


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

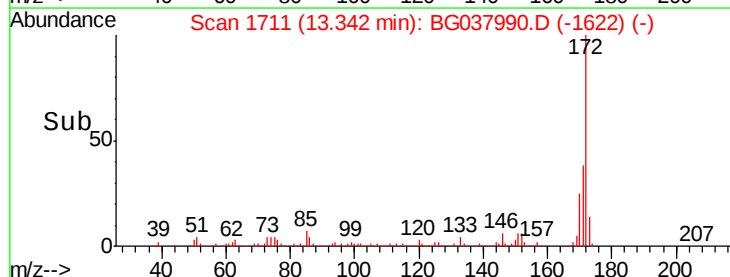
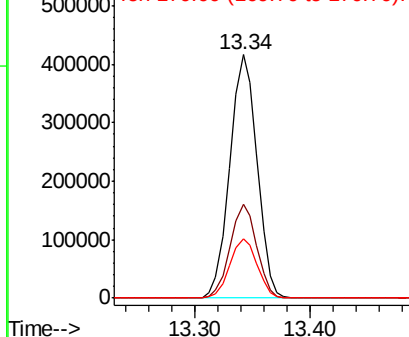


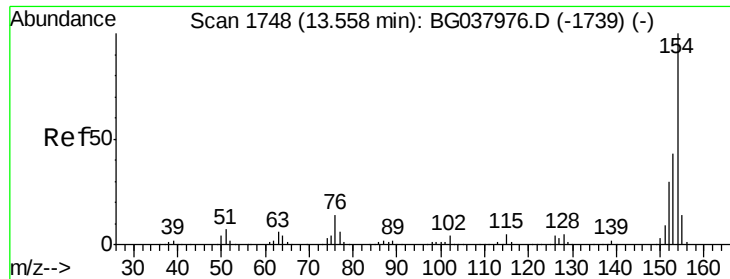
#45
 2-Fluorobiphenyl
 Concen: 78.620 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	24.5	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

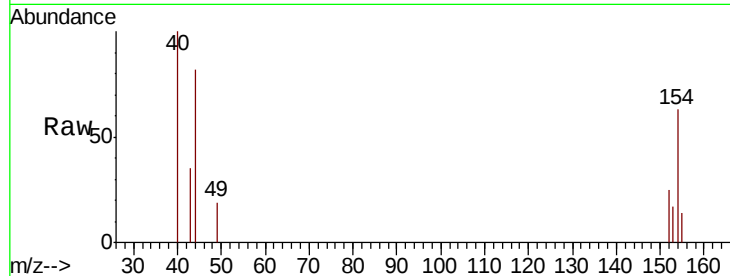




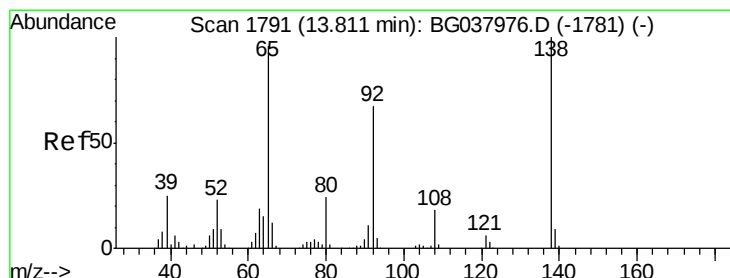
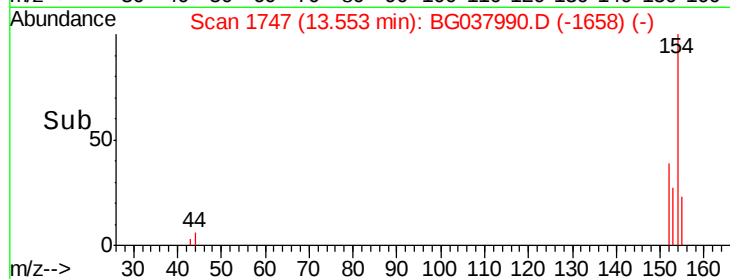
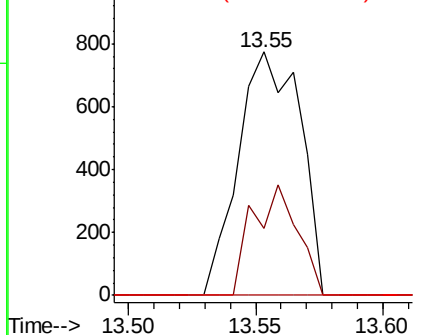
#46
 1,1'-Biphenyl
 Concen: 0.125 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion: 154 Resp: 1318
 Ion Ratio Lower Upper
 154 100
 153 27.4 22.1 62.1
 76 0.0 0.0 33.2

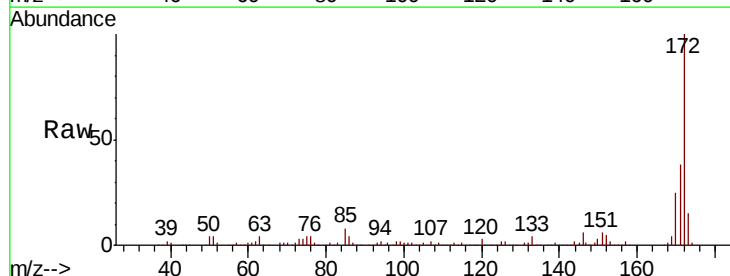


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

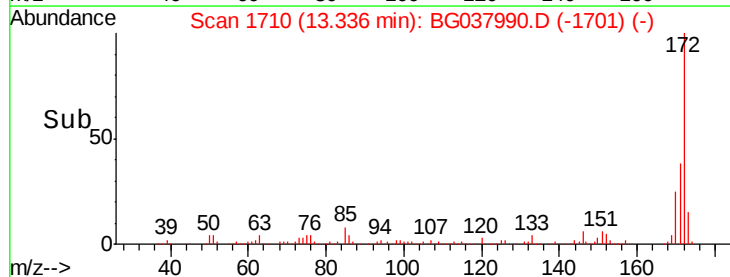
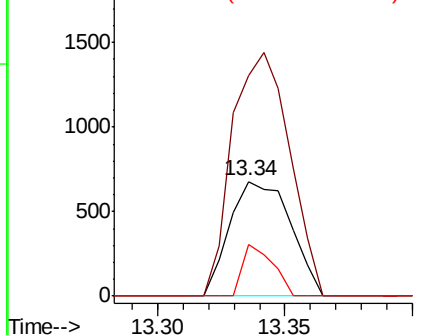


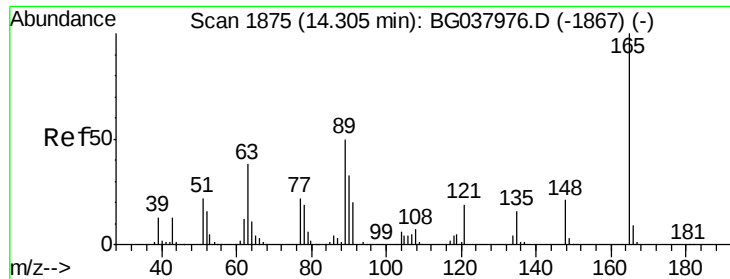
#48
 2-Nitroaniline
 Concen: 0.449 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.48 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion: 65 Resp: 1136
 Ion Ratio Lower Upper
 65 100
 92 192.3 53.2 79.8#
 138 44.5 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

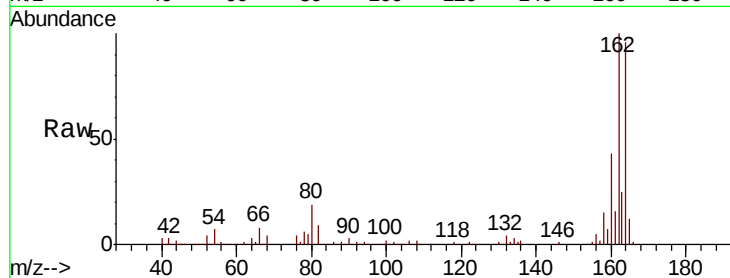




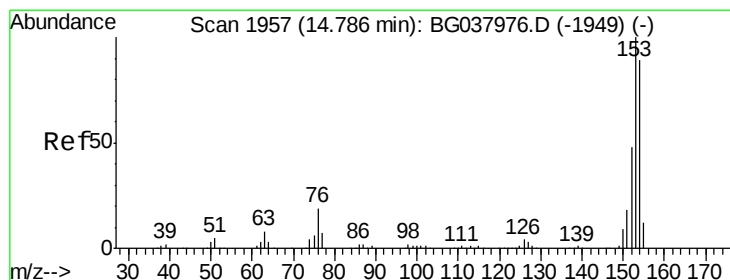
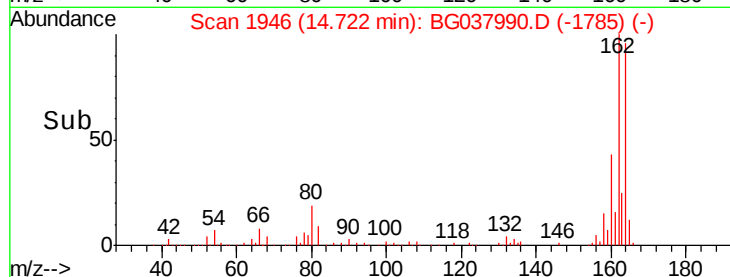
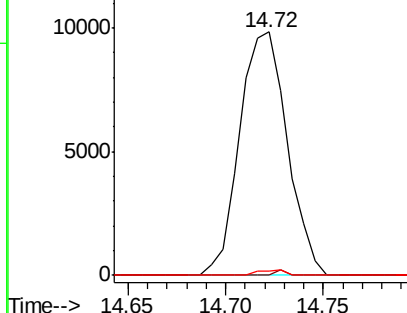
#51
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

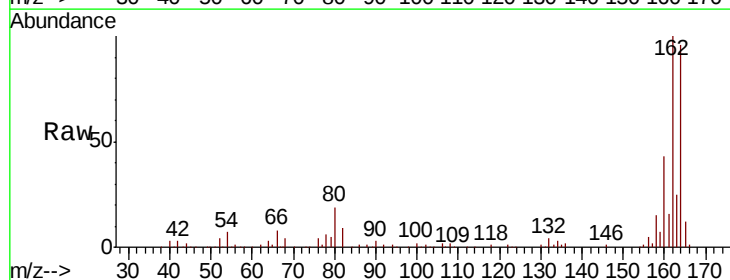


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

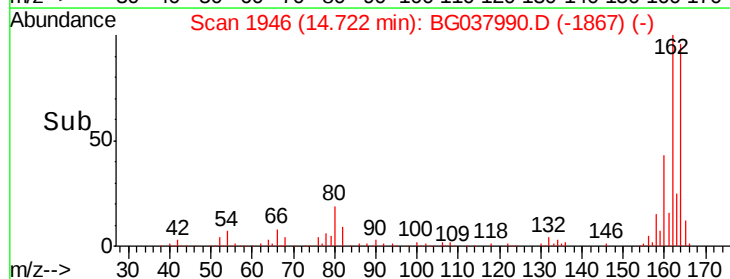
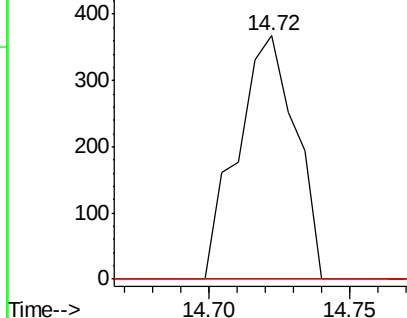


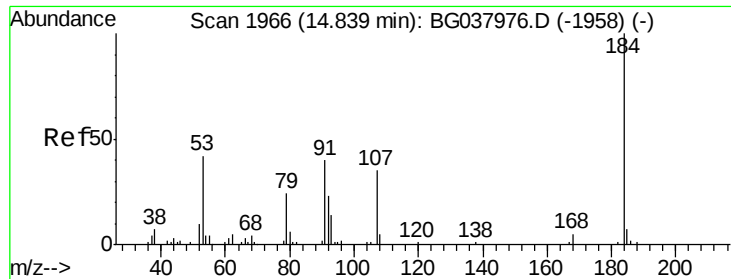
#52
Acenaphthene
Concen: 0.072 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.06 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.4	140.0#
152	0.0	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

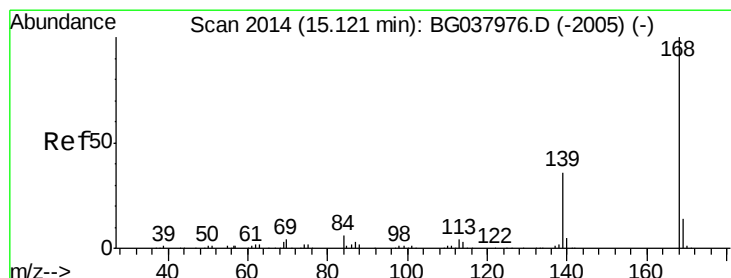
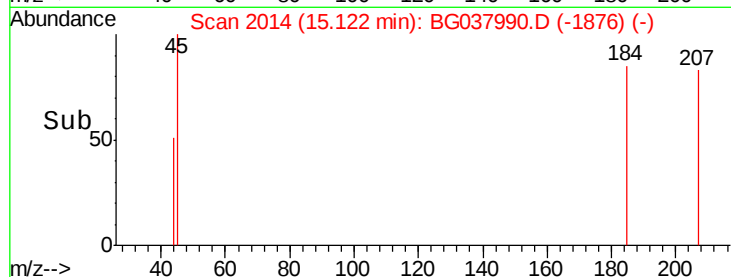
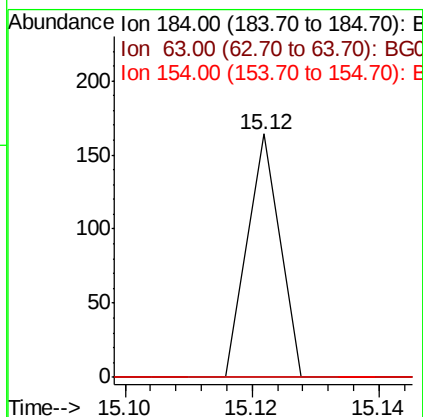
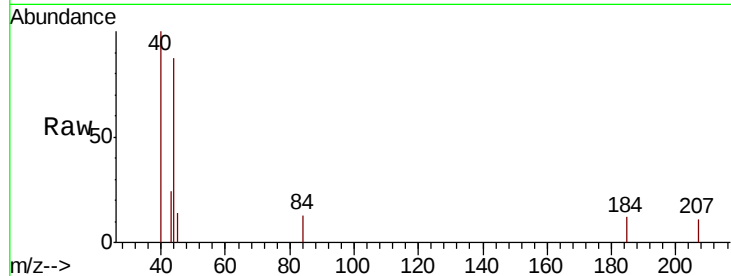




#54
2,4-Dinitrophenol
Concen: 9.326 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.28 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

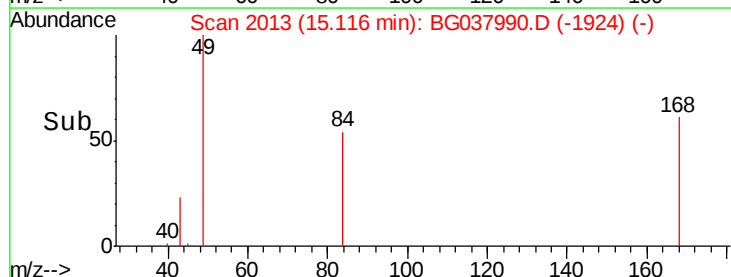
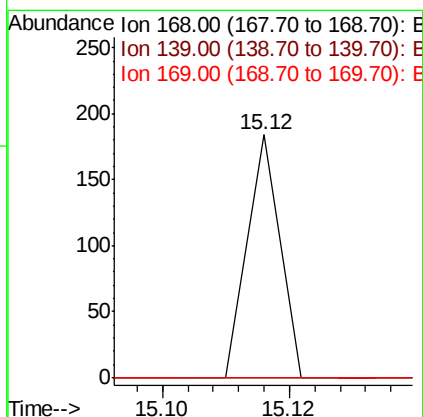
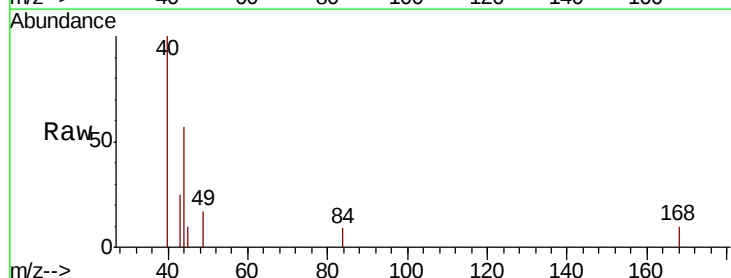
Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

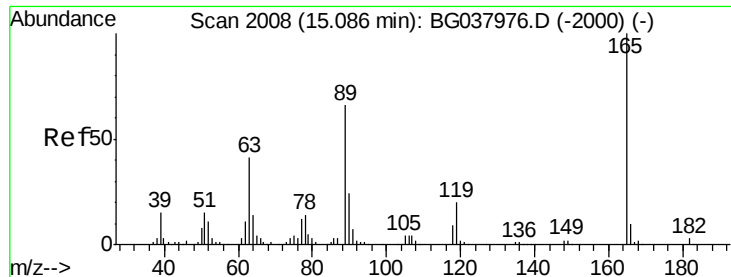
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 42.6 63.8#
154 0.0 41.8 62.6#



#55
Dibenzofuran
Concen: 0.005 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:168 Resp: 65
Ion Ratio Lower Upper
168 100
139 0.0 29.4 44.0#
169 0.0 11.0 16.6#

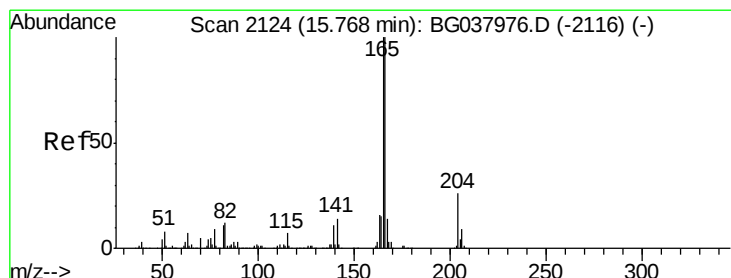
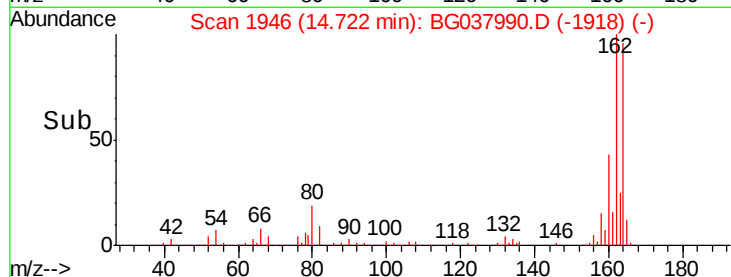
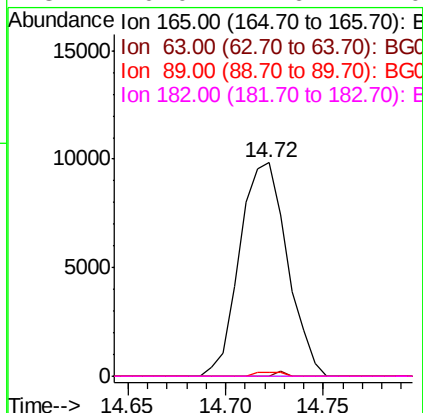
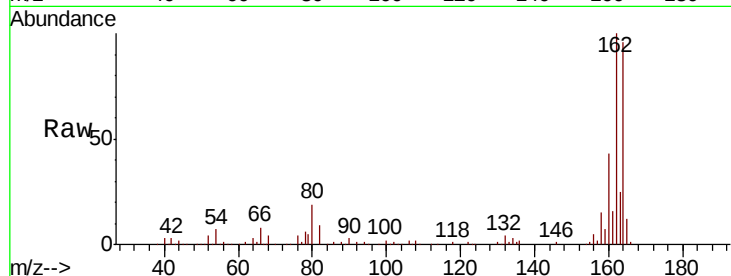




#57
2,4-Dinitrotoluene
Concen: 5.417 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

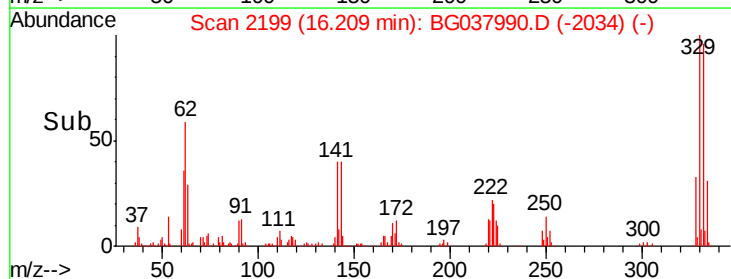
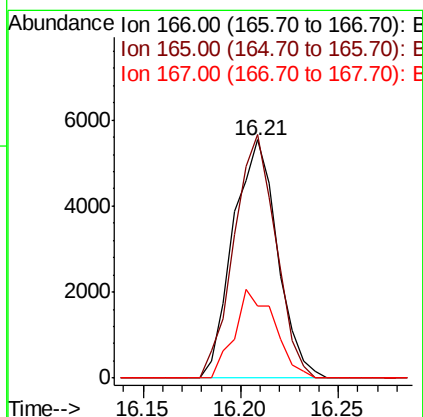
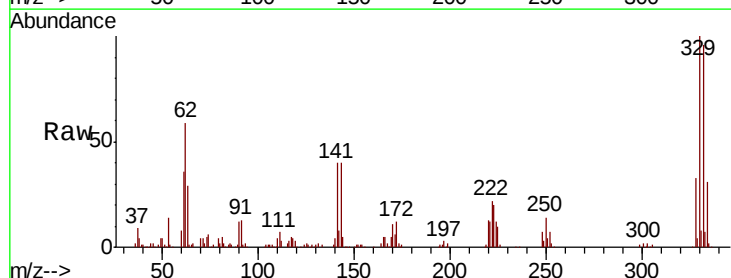
Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

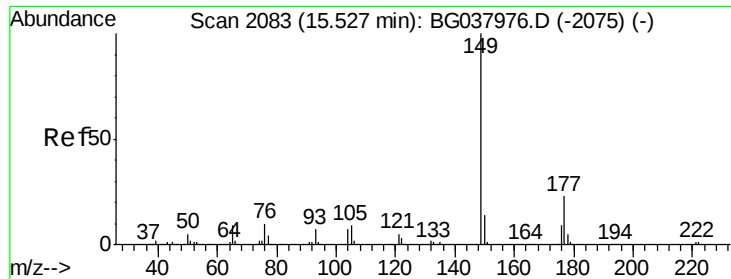
Tgt Ion:	165	Resp:	16599
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#58
Fluorene
Concen: 0.970 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.44 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:	166	Resp:	8714
Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.0	118.6
167	30.3	11.3	16.9#





#60

Diethylphthalate

Concen: 0.005 ng

RT: 15.56 min Scan# 2089

Delta R.T. 0.04 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

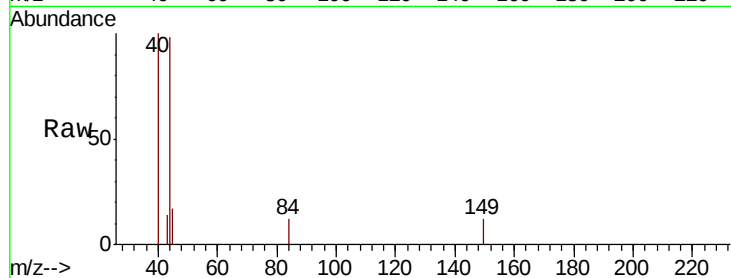
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

150 0.0 10.0 15.0#



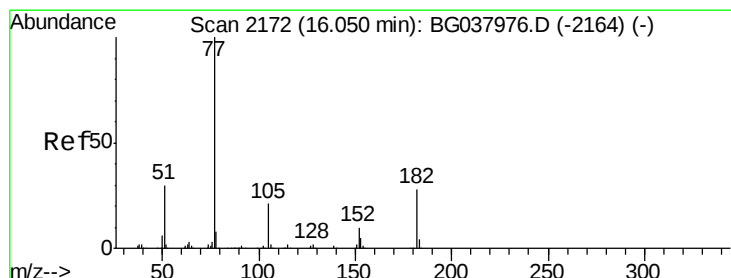
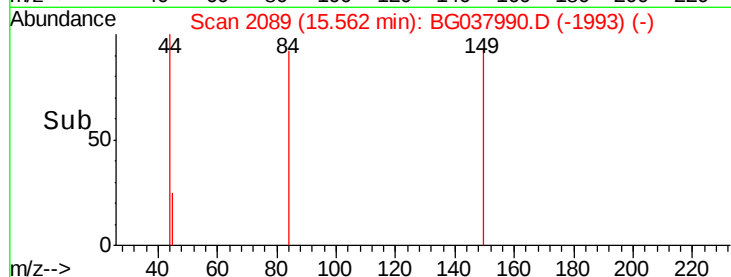
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.56

Time--> 15.54 15.56 15.58



#63

Azobenzene

Concen: 0.102 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Tgt Ion: 77 Resp: 964

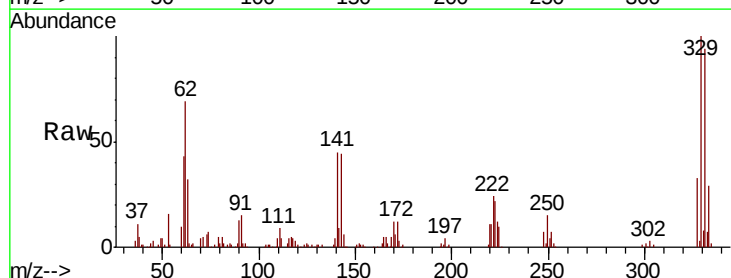
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 77.5 1.3 41.3#

51 74.8 10.7 50.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

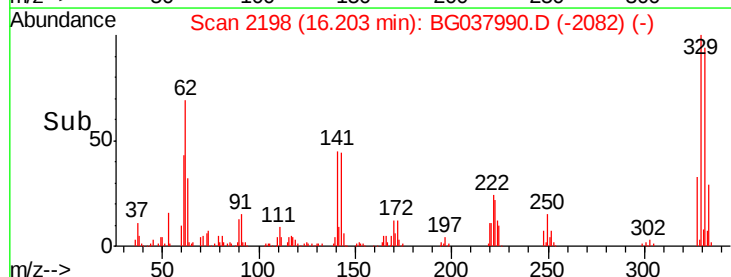
Ion 182.00 (181.70 to 182.70): E

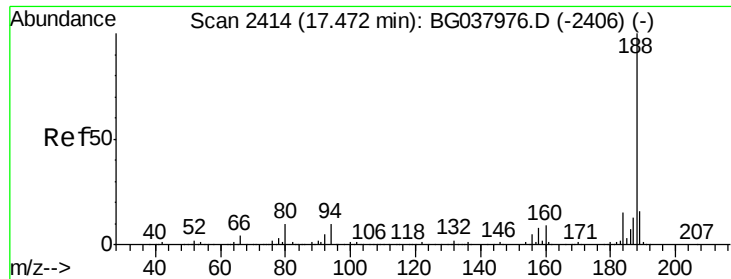
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

16.20

Time--> 16.20





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

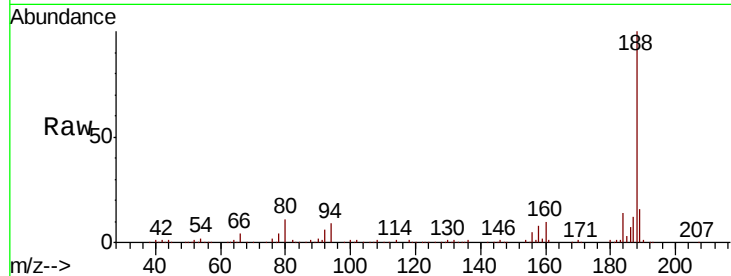
Tgt Ion:188 Resp: 308450

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

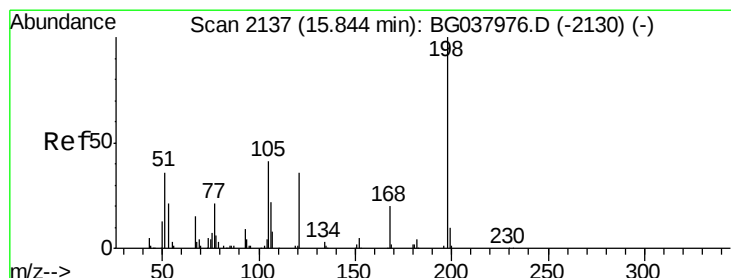
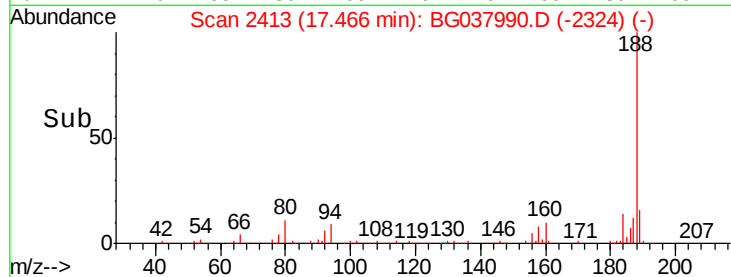
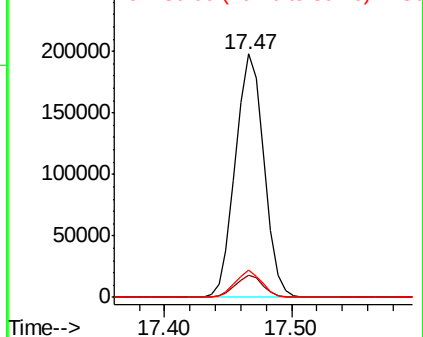
80 11.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.36 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

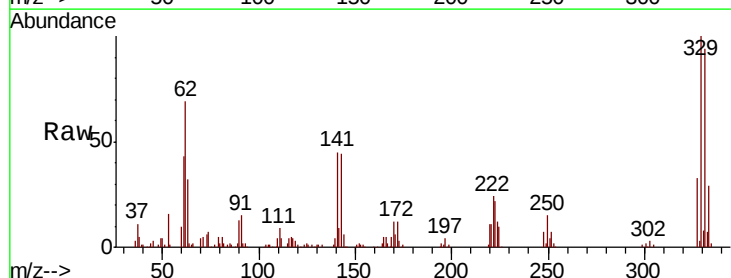
Tgt Ion:198 Resp: 573

Ion Ratio Lower Upper

198 100

51 28.8 22.7 62.7

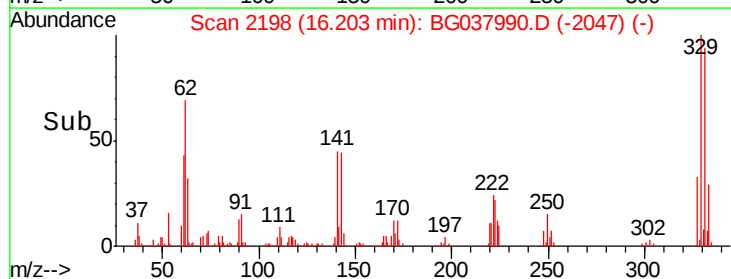
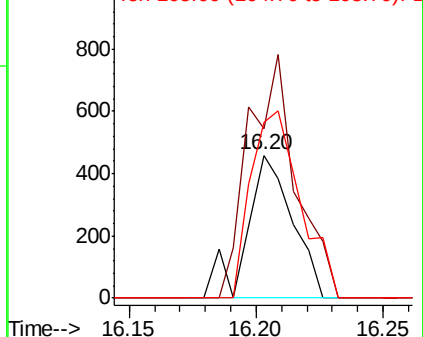
105 29.9 19.7 59.7

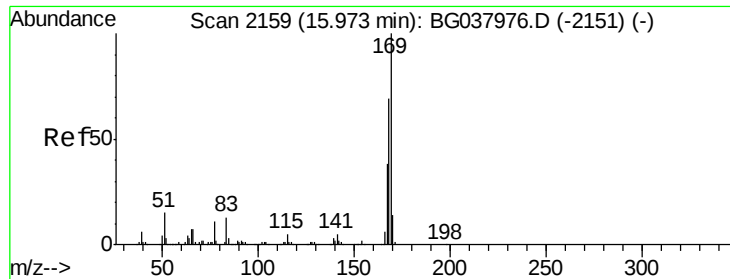


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

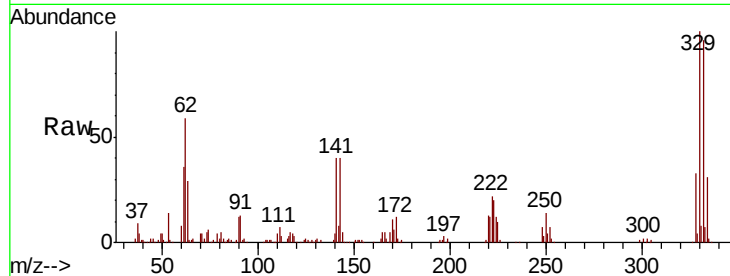




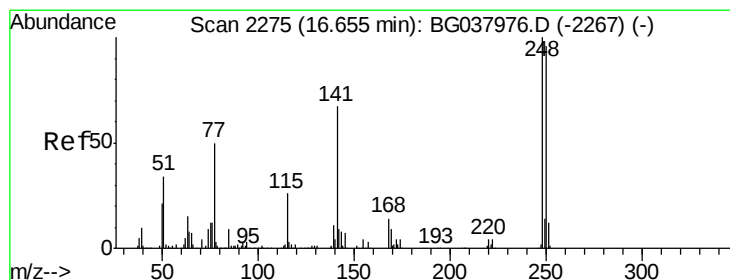
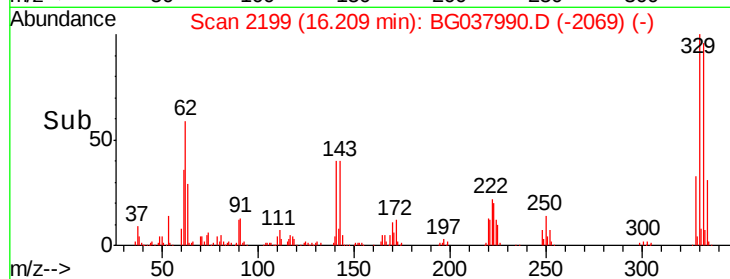
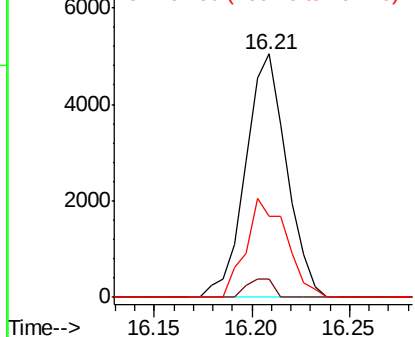
#66
 n-Nitrosodiphenylamine
 Concen: 0.785 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.24 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion:169 Resp: 7322
 Ion Ratio Lower Upper
 169 100
 168 7.4 55.7 83.5#
 167 33.2 31.3 46.9

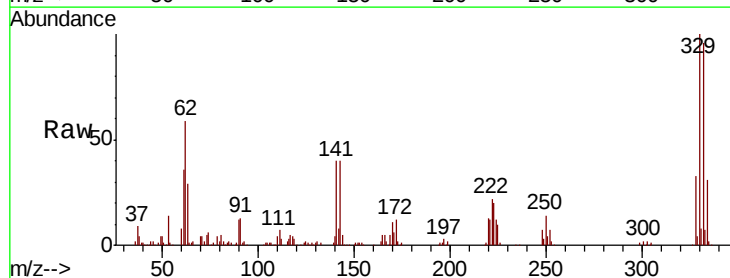


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

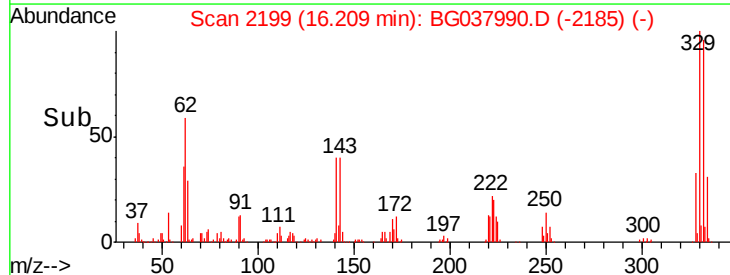
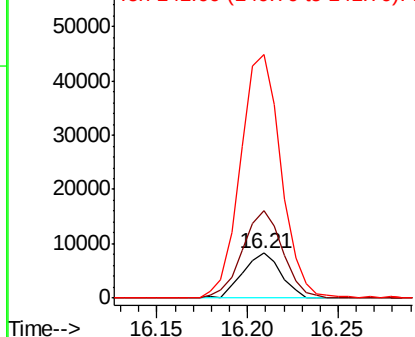


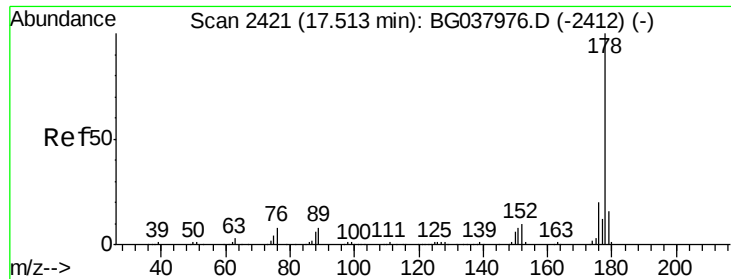
#67
 4-Bromophenyl-phenylether
 Concen: 3.558 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion:248 Resp: 12046
 Ion Ratio Lower Upper
 248 100
 250 184.8 77.0 115.6#
 141 398.4 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





#71

Phenanthrene

Concen: 0.039 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

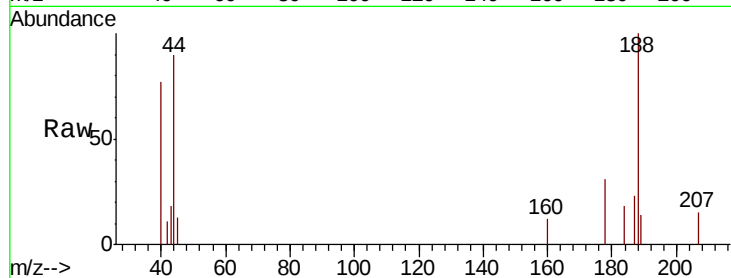
Tgt Ion:178 Resp: 609

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

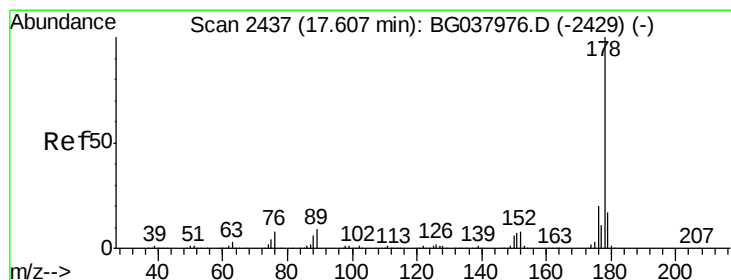
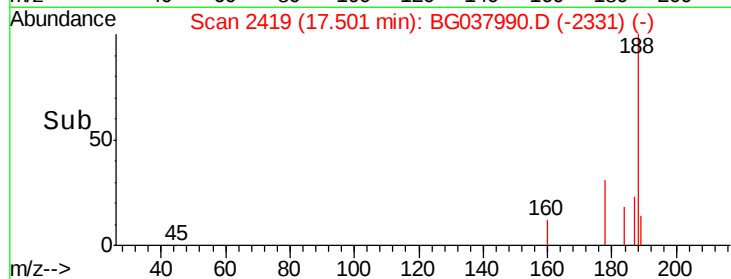
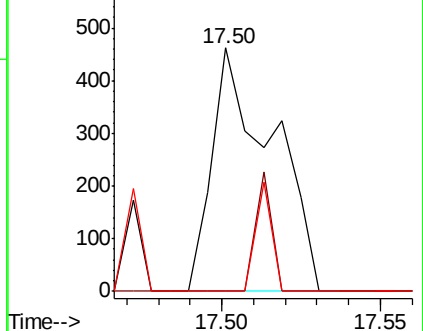
179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.039 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.11 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

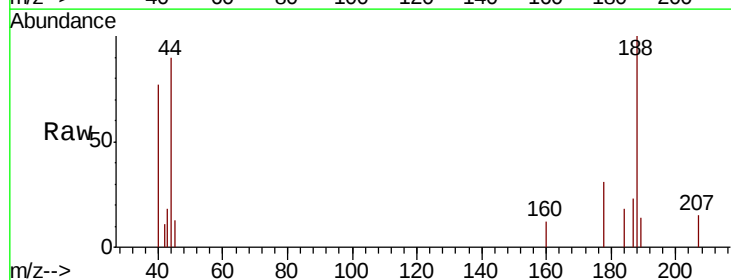
Tgt Ion:178 Resp: 609

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

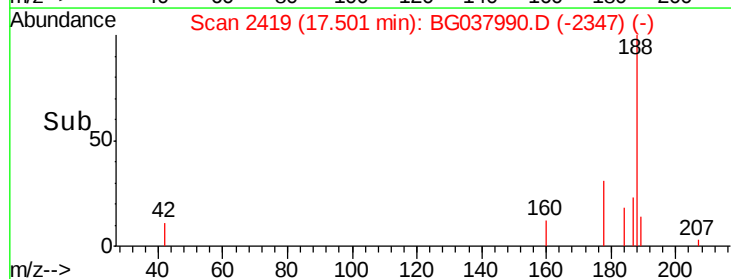
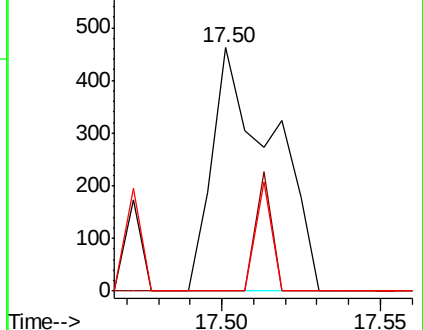
179 0.0 12.8 19.2#

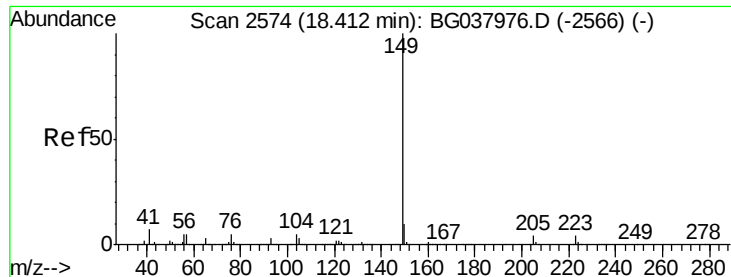


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.039 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

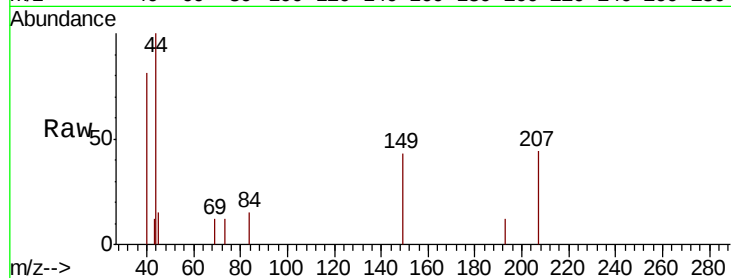
Tgt Ion:149 Resp: 683

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

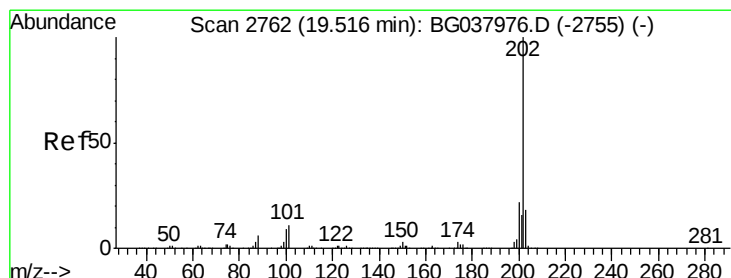
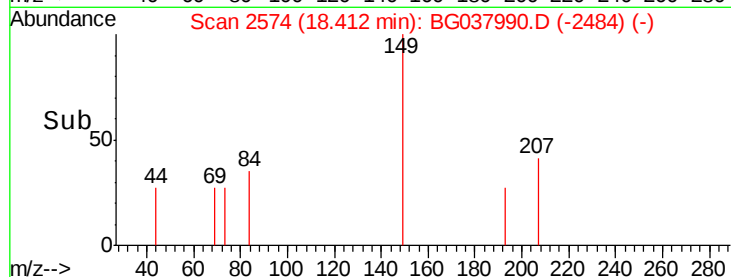
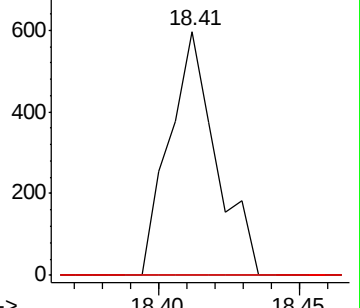
104 0.0 4.0 6.0#



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: 0.030 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

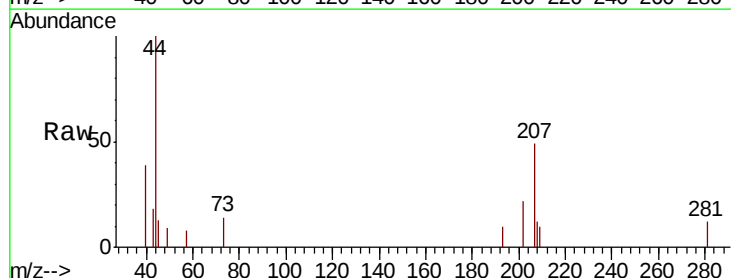
Tgt Ion:202 Resp: 549

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

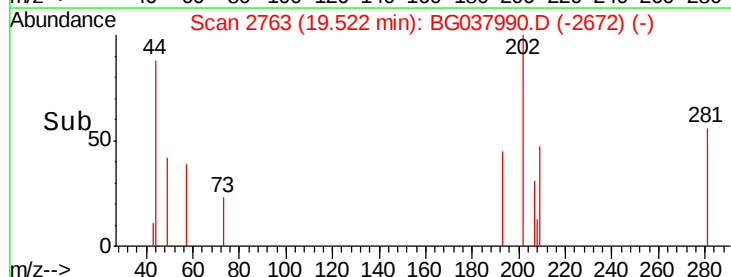
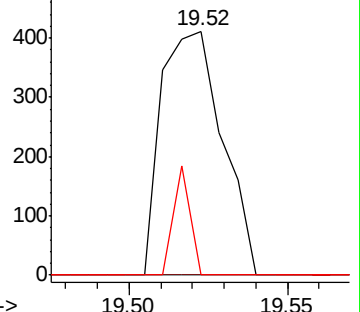
203 0.0 0.0 38.5

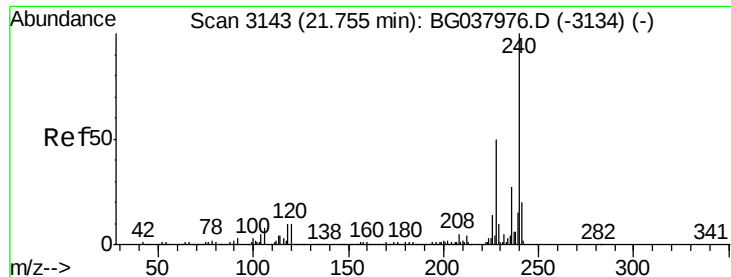


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

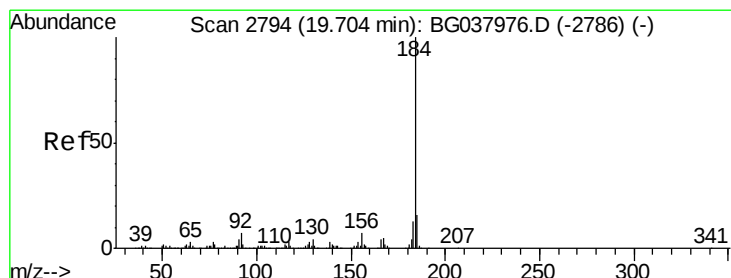
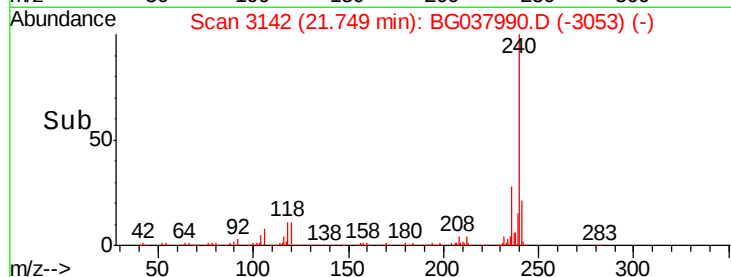
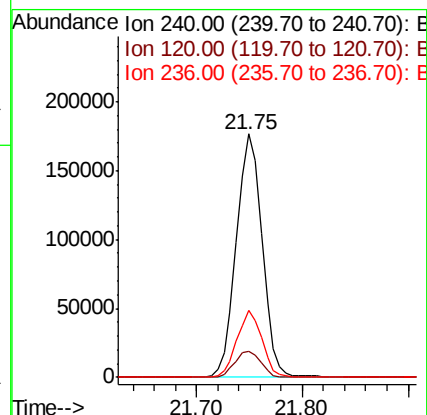
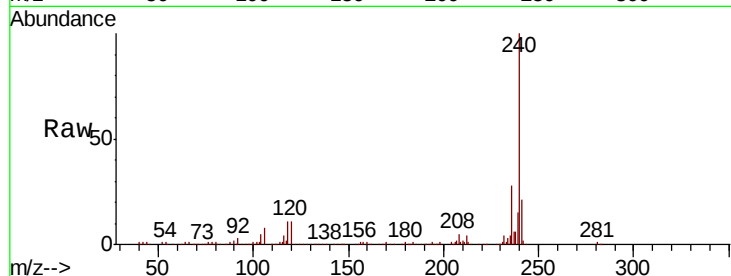




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

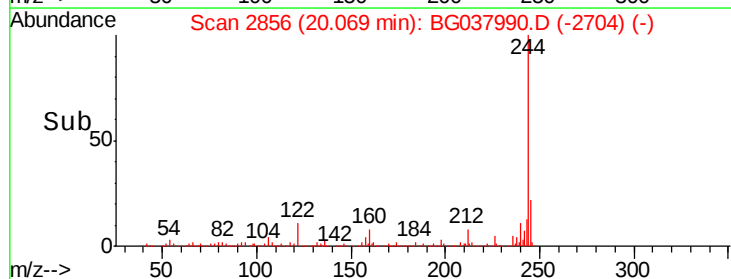
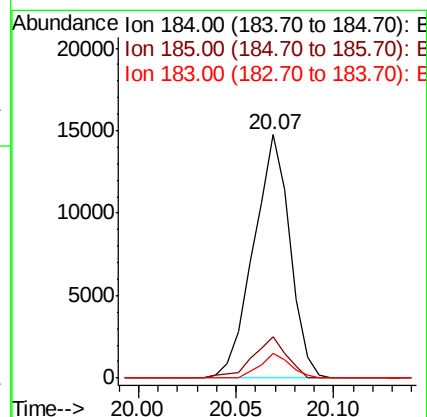
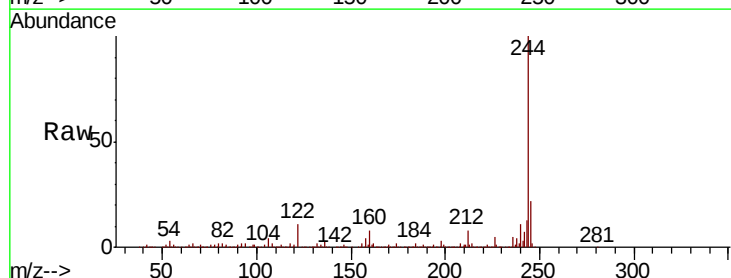
Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

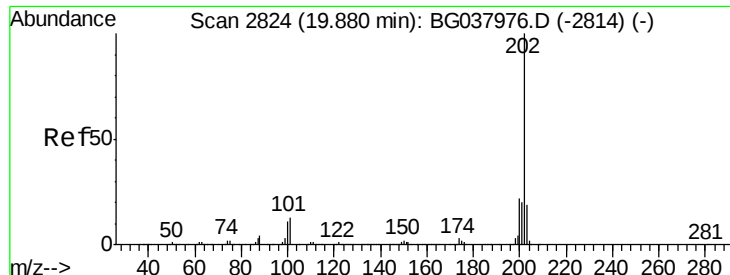
Tgt Ion:240 Resp: 297504
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 27.6 21.4 32.0



#77
Benzidine
Concen: 1.821 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:184 Resp: 19005
Ion Ratio Lower Upper
184 100
185 16.9 12.6 18.8
183 10.1 10.2 15.2#

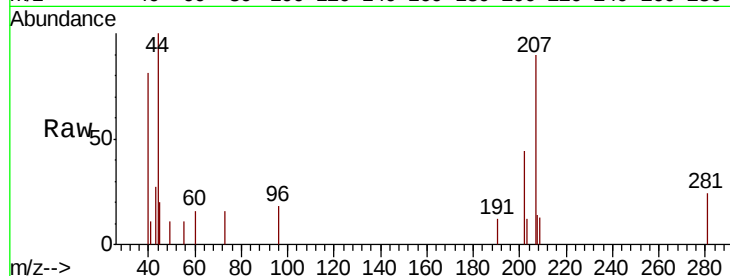




#78
 Pyrene
 Concen: 0.034 ng
 RT: 19.88 min Scan# 2824
 Delta R.T. 0.00 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

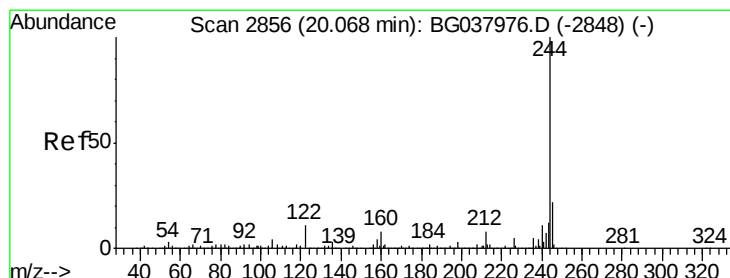
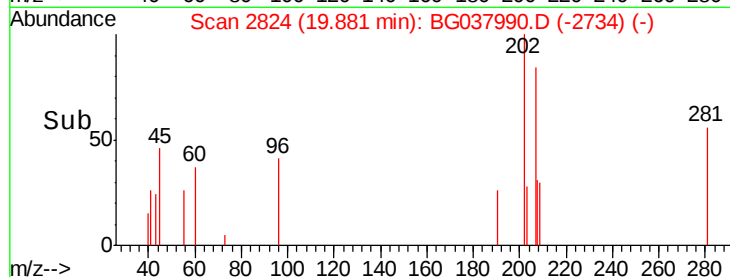
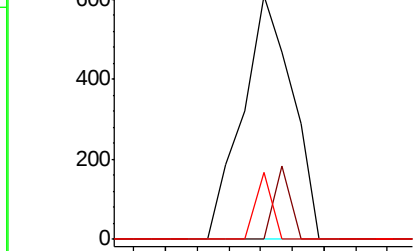
Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion:202 Resp: 660
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.8 26.6#
 203 27.6 15.2 22.8#



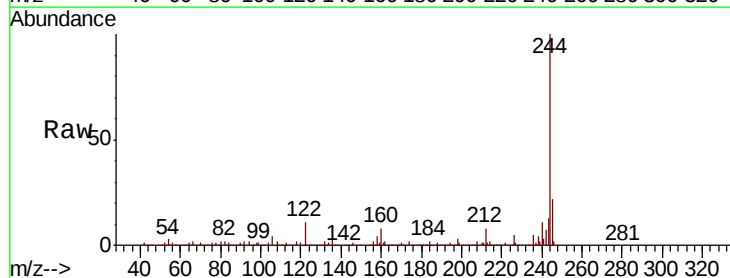
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

19.88



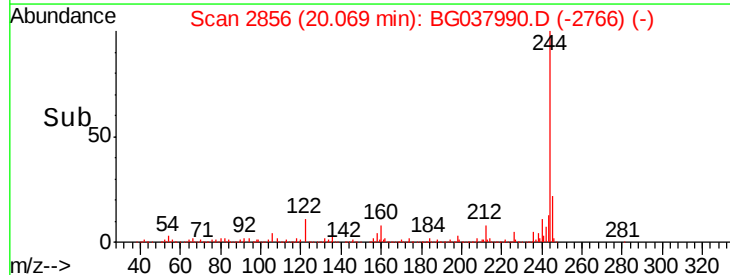
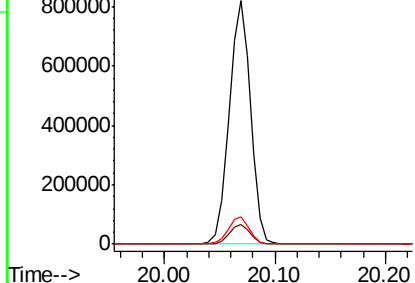
#79
 Terphenyl-d14
 Concen: 87.865 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

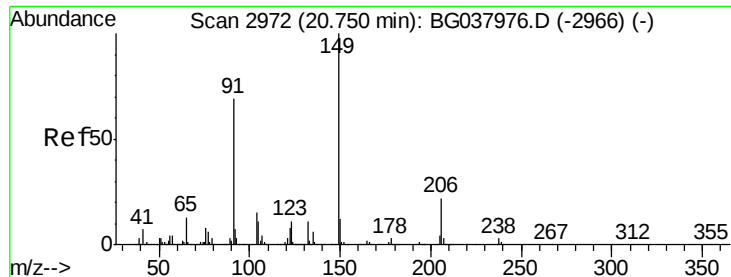
Tgt Ion:244 Resp: 1110929
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.1 9.0 13.4



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

20.07

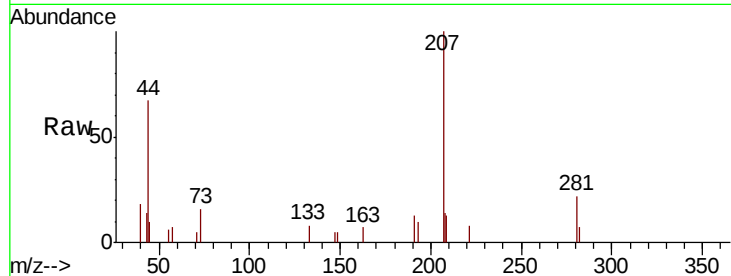




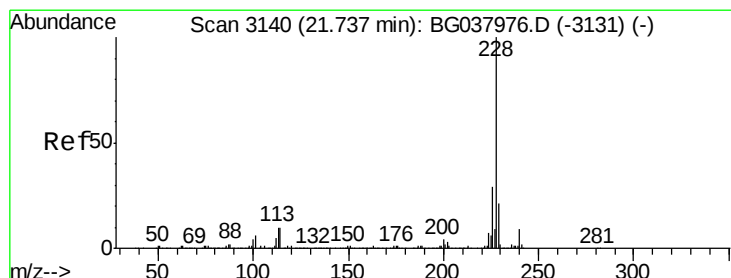
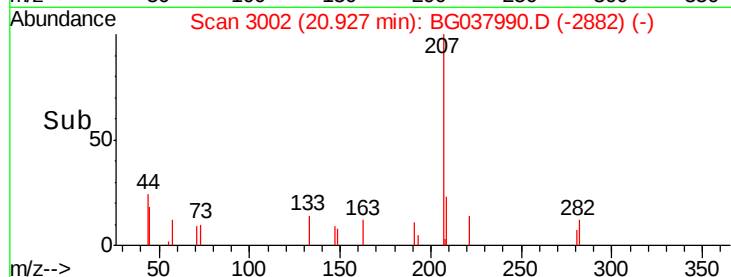
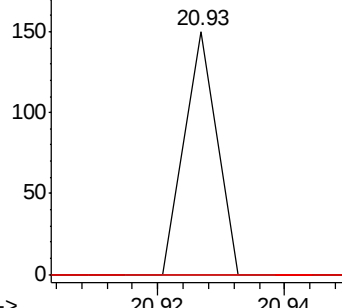
#80
Butylbenzylphthalate
Concen: 0.006 ng
RT: 20.93 min Scan# 3002
Delta R.T. 0.18 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tgt Ion:149 Resp: 53
Ion Ratio Lower Upper
149 100
91 0.0 57.0 85.4#
206 0.0 17.8 26.6#

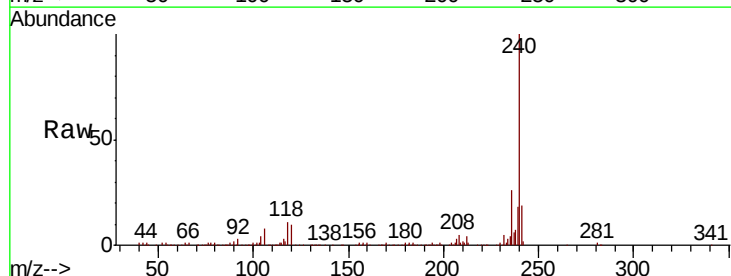


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

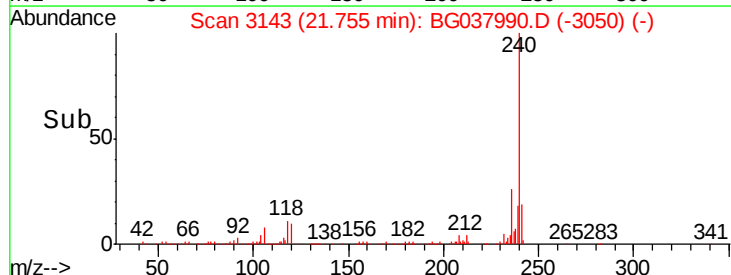
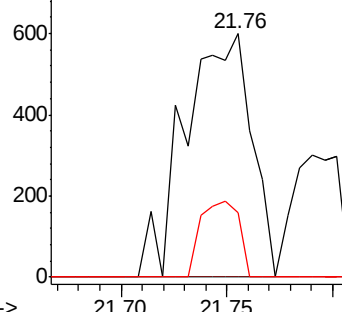


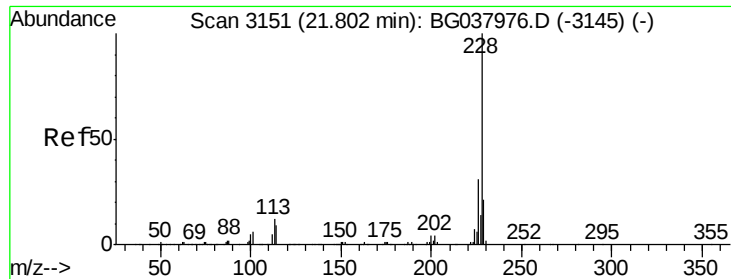
#81
Benzo(a)anthracene
Concen: 0.073 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.02 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:228 Resp: 1314
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 26.5 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.033 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

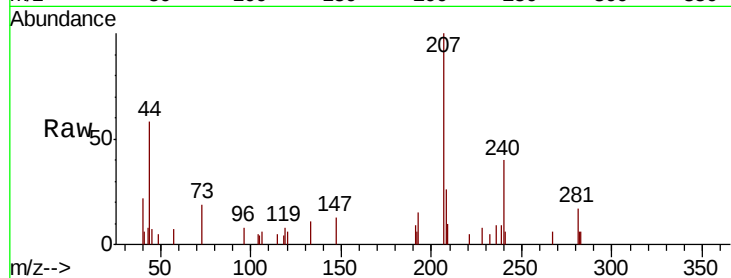
Tgt Ion: 228 Resp: 574

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

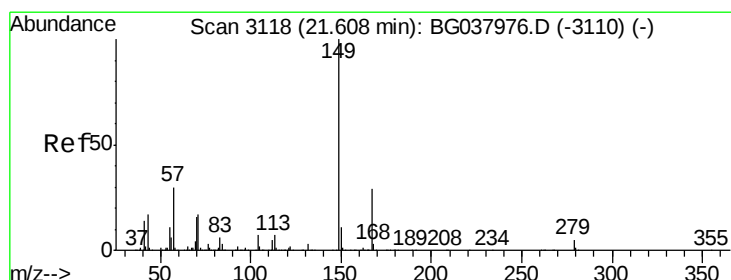
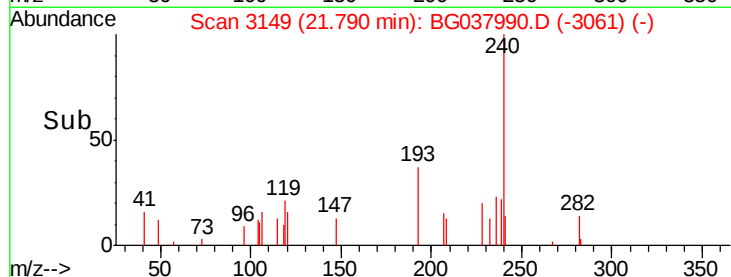
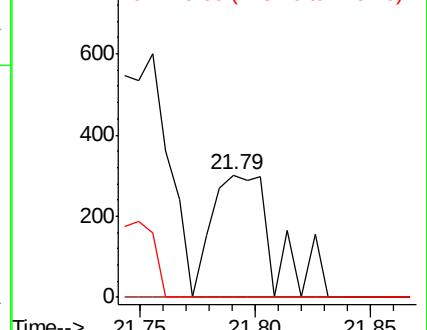
229 0.0 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

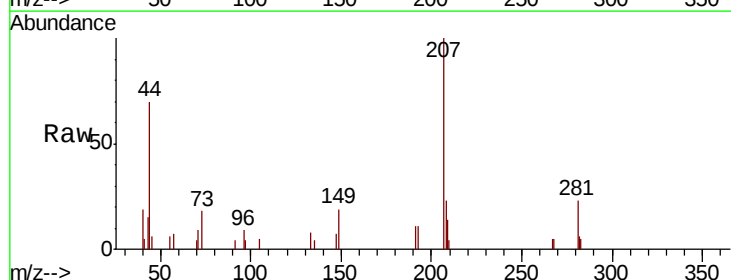
Tgt Ion: 149 Resp: 1184

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

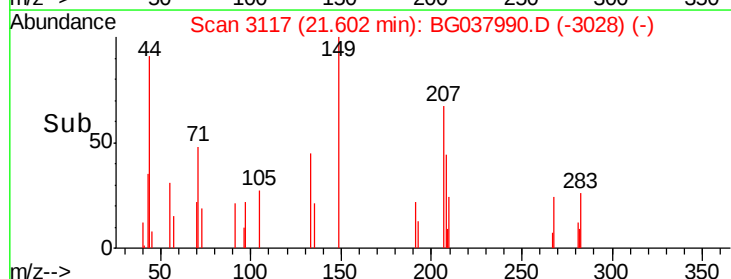
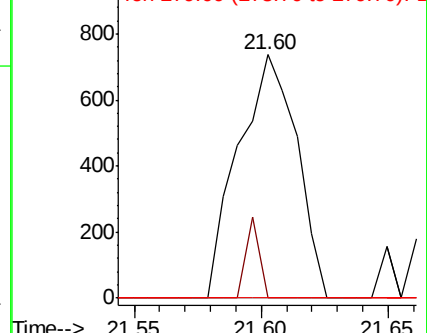
279 0.0 3.6 5.4#

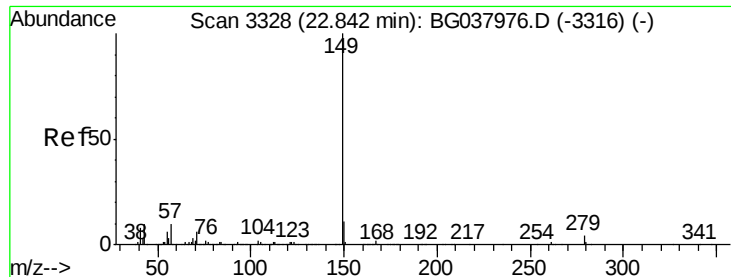


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

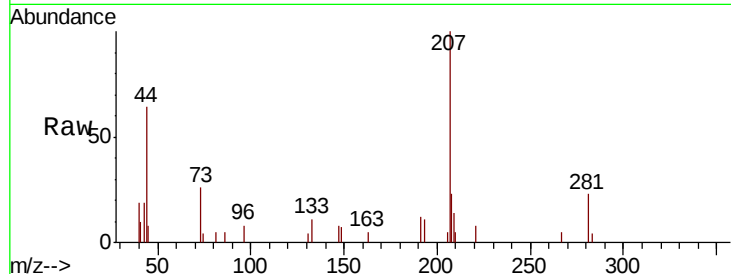




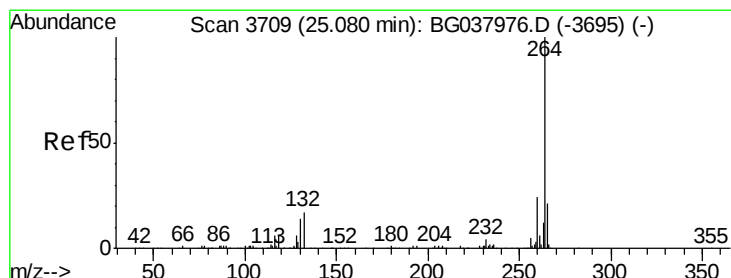
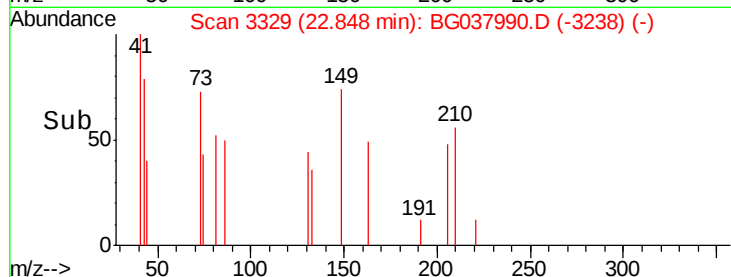
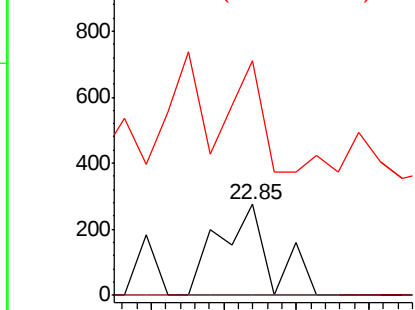
#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.85 min Scan# 3329
Delta R.T. 0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tgt Ion:149 Resp: 277
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.7 13.1#

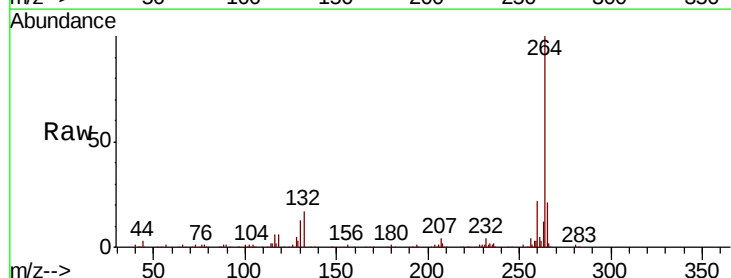


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

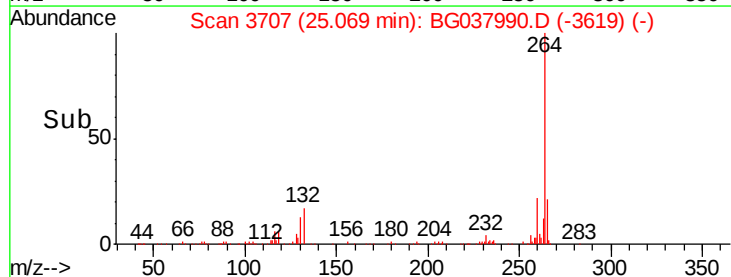
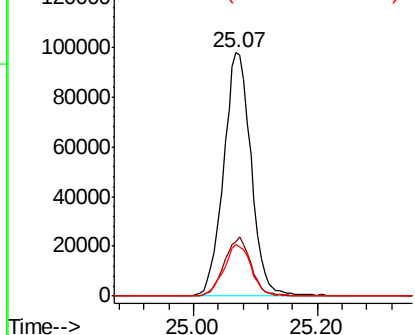


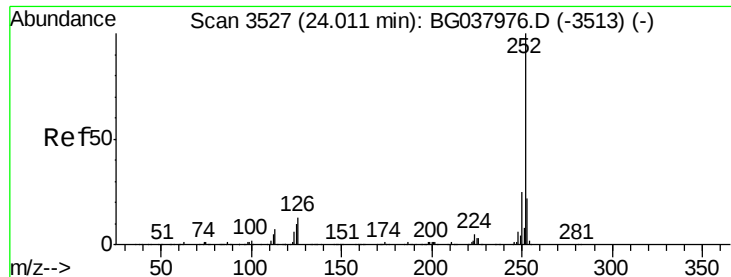
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:264 Resp: 301428
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 21.5 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

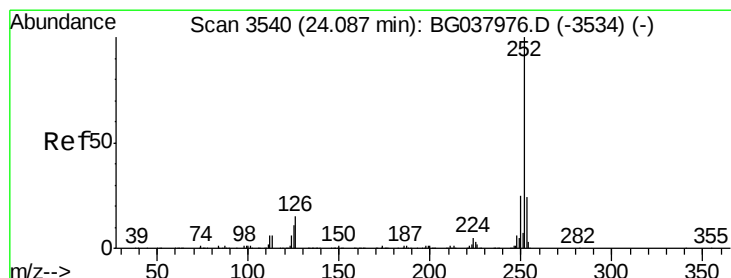
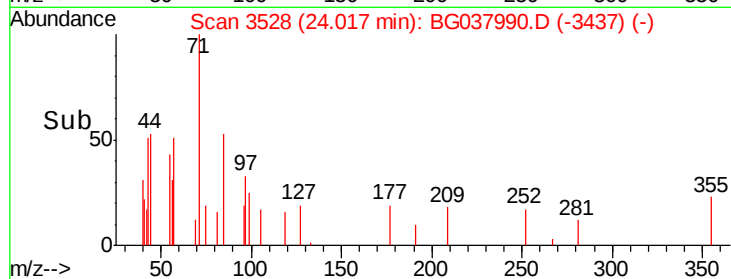
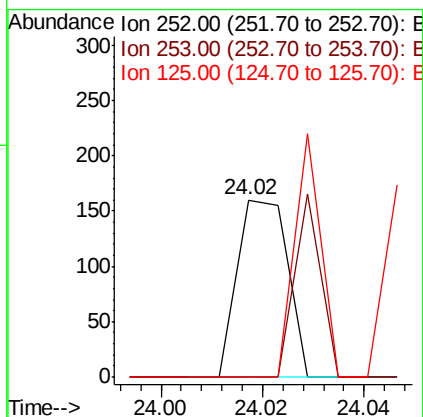
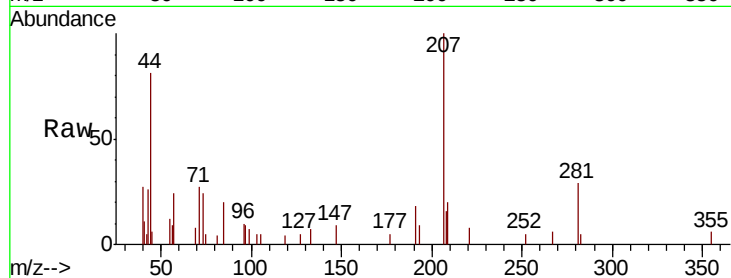




#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 24.02 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

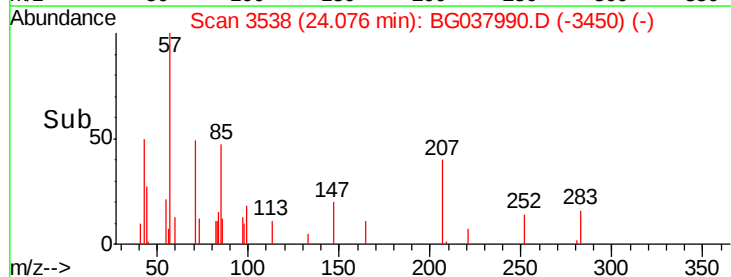
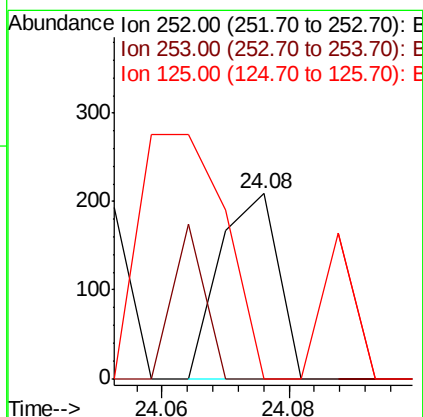
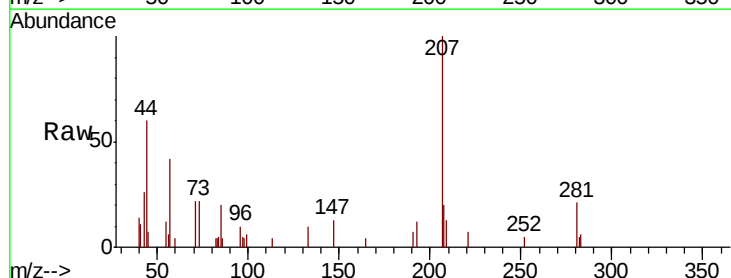
Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

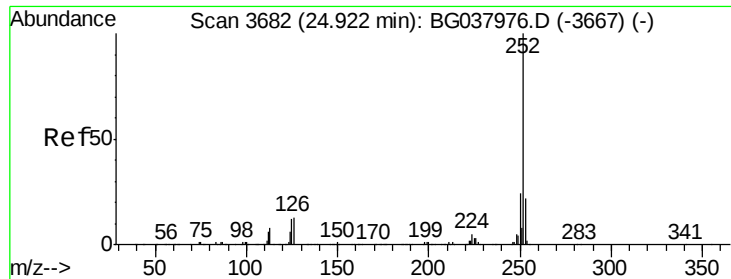
Tgt Ion: 252 Resp: 111
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion: 252 Resp: 133
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG037990.D

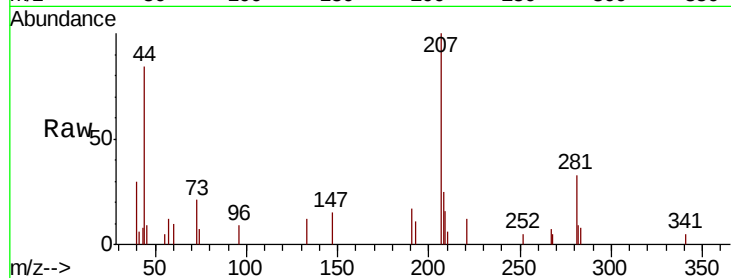
Acq: 13 Nov 2018 23:14

Instrument :

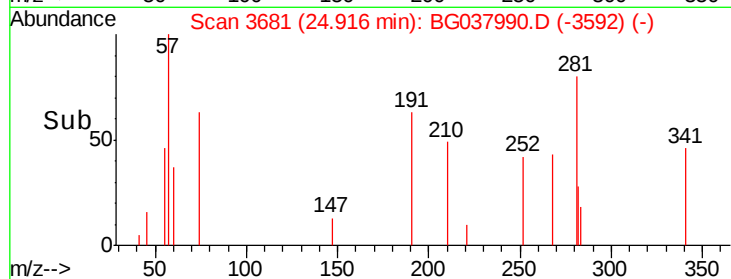
BNA_G

ClientSampleId :

MS-OILY-STONE



Tgt Ion:	252	Resp:	53
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	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

