

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038518.D
 Acq On : 13 Dec 2018 3:57
 Operator : JU/SJ
 Sample : J6331-37
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Dec 13 06:13:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19960	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	80627	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55206	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150454	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161159	20.00	ng	0.00
87) Perylene-d12	25.02	264	172492	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	179118	159.16	ng	0.00
7) Phenol-d6	7.21	99	250924	162.42	ng	0.00
23) Nitrobenzene-d5	9.24	82	161984	102.64	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	126842	166.71	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	398564	99.04	ng	0.00
79) Terphenyl-d14	20.04	244	771200	104.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	67	0.128	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	211	0.299	ng	# 1
6) Aniline	7.23	93	238	0.121	ng	# 1
9) Benzaldehyde	7.21	77	509	0.508	ng	# 3
10) Phenol	7.23	94	11509	7.012	ng	# 82
11) bis(2-Chloroethyl)ether	7.57	93	60	0.046	ng	# 1
15) Benzyl Alcohol	8.38	79	2622	2.174	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.32	45	66	0.022	ng	# 78
19) n-Nitroso-di-n-propylamine	9.24	70	22022	20.296	ng	# 75
24) Nitrobenzene	9.24	77	422	0.264	ng	# 31
46) 1,1'-Biphenyl	13.54	154	732	0.158	ng	# 92
48) 2-Nitroaniline	14.14	65	355	0.312	ng	# 1
50) Dimethylphthalate	14.14	163	41613	9.230	ng	# 98
51) 2,6-Dinitrotoluene	14.14	165	418	0.409	ng	# 5
52) Acenaphthene	14.69	154	86	0.027	ng	# 4
57) 2,4-Dinitrotoluene	14.69	165	7163	4.978	ng	# 21
58) Fluorene	16.19	166	3622	0.892	ng	# 93
63) Azobenzene	16.19	77	638	0.154	ng	# 38
65) 4,6-Dinitro-2-methylphenol	16.19	198	277	0.258	ng	# 67
66) n-Nitrosodiphenylamine	16.18	169	4711	1.066	ng	# 44
67) 4-Bromophenyl-phenylether	16.19	248	8248	4.489	ng	# 1
71) Phenanthrene	17.49	178	2584	0.331	ng	# 97
72) Anthracene	17.49	178	2584	0.335	ng	# 97
73) Carbazole	17.87	167	68	0.009	ng	# 59
74) Di-n-butylphthalate	18.38	149	399	0.046	ng	# 77
75) Fluoranthene	19.50	202	4735	0.491	ng	# 88
77) Benzidine	20.04	184	13627	2.859	ng	# 97
78) Pyrene	19.85	202	3730	0.350	ng	# 92
80) Butylbenzylphthalate	21.03	149	55	0.013	ng	# 25
81) Benzo(a)anthracene	21.70	228	1732	0.176	ng	# 72
83) Chrysene	21.76	228	1742	0.184	ng	# 85
84) Bis(2-ethylhexyl)phthalate	21.57	149	1787	0.303	ng	# 92
85) Di-n-octyl phthalate	22.78	149	53	0.005	ng	# 73
86) Indeno(1,2,3-cd)pyrene	28.79	276	900	0.081	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

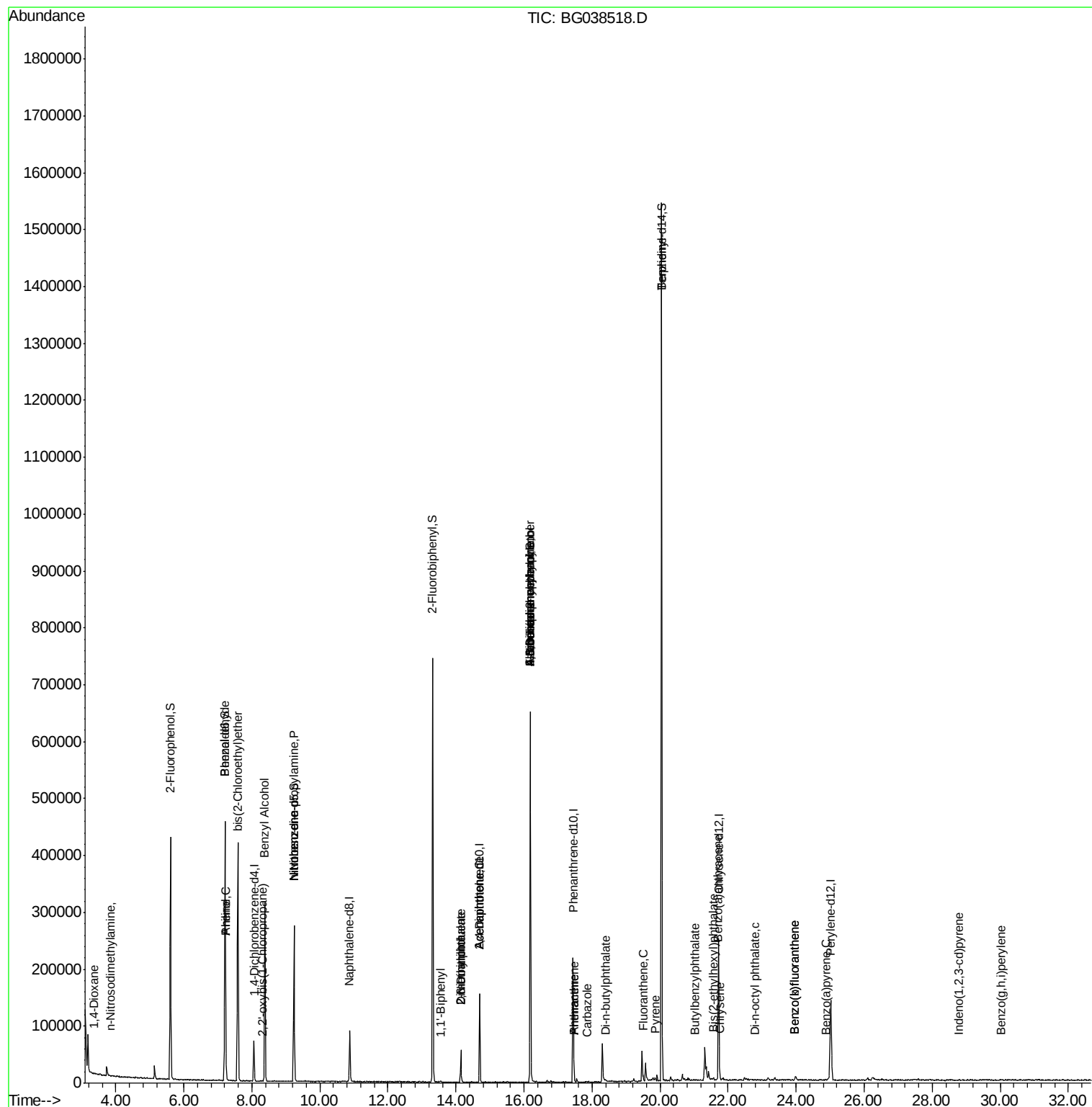
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.96	252	2313	0.244	ng	# 87
89) Benzo(k)fluoranthene	23.96	252	2313	0.245	ng	# 89
90) Benzo(a)pyrene	24.87	252	1589	0.174	ng	# 62
92) Benzo(g,h,i)perylene	30.01	276	208	0.023	ng	# 56

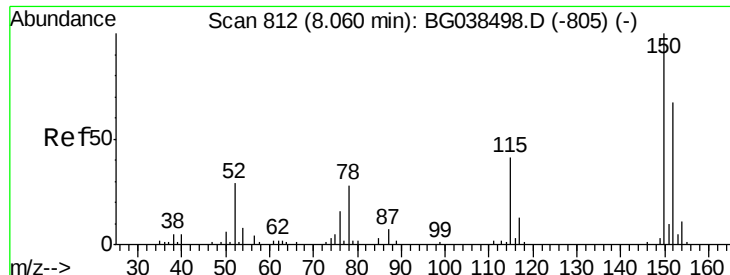
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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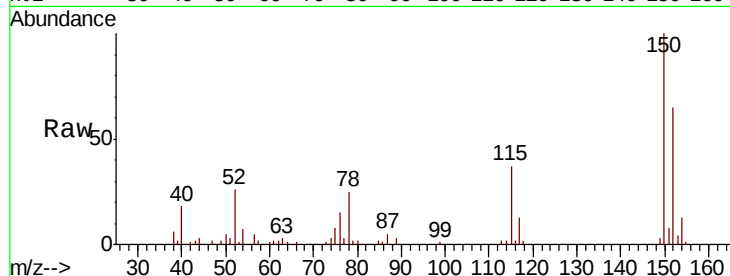


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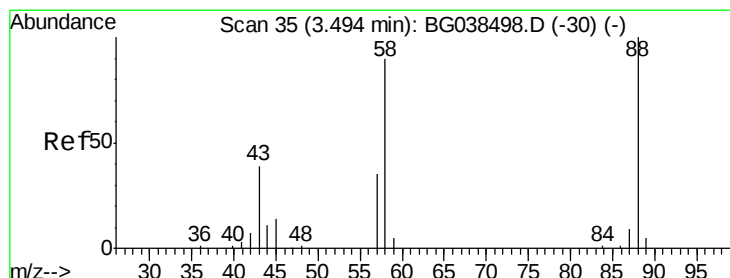
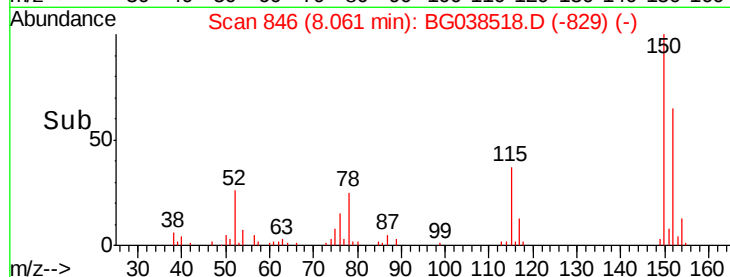
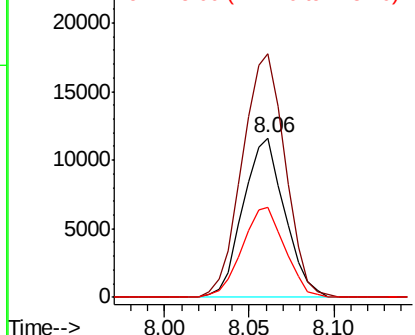
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 19960
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 56.4 49.6 74.4



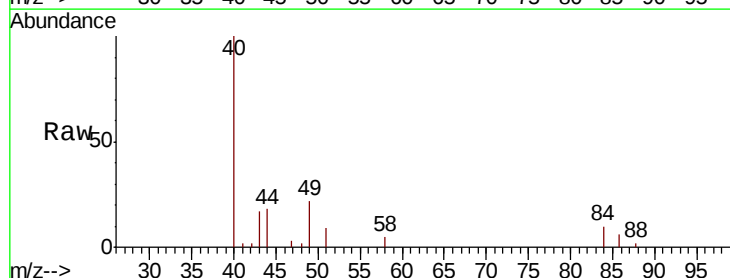
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



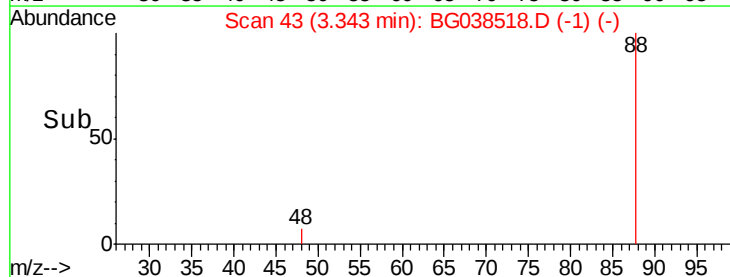
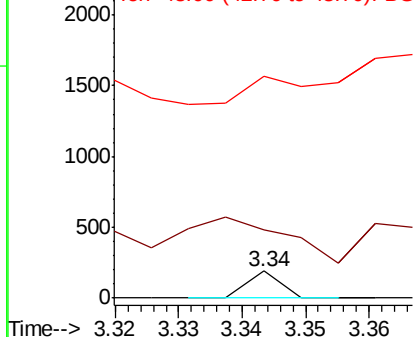
#2

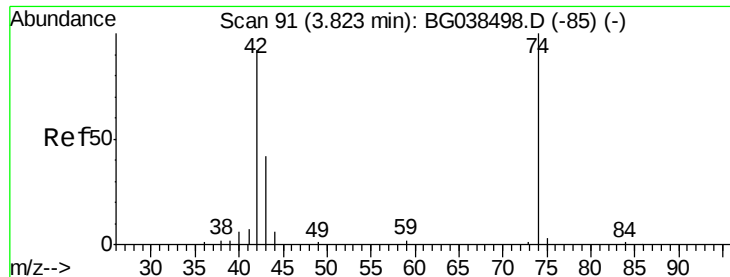
1,4-Dioxane
Concen: 0.128 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.15 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
58 517.9 75.7 113.5#
43 0.0 31.6 47.4#



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



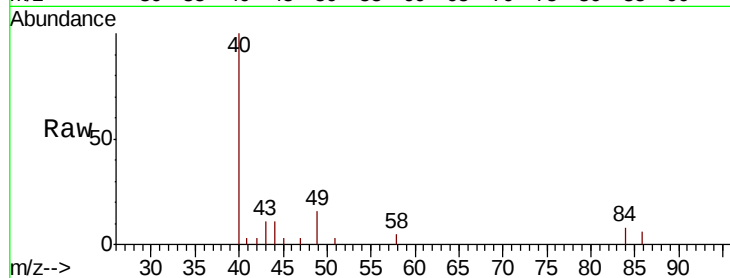


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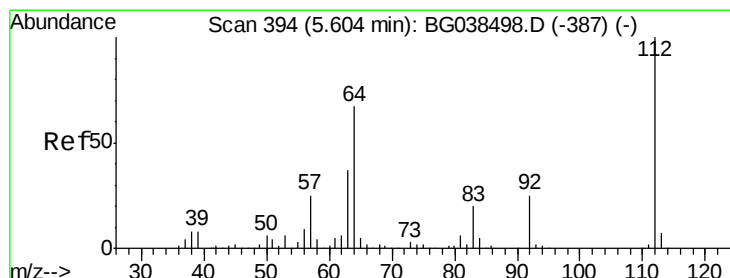
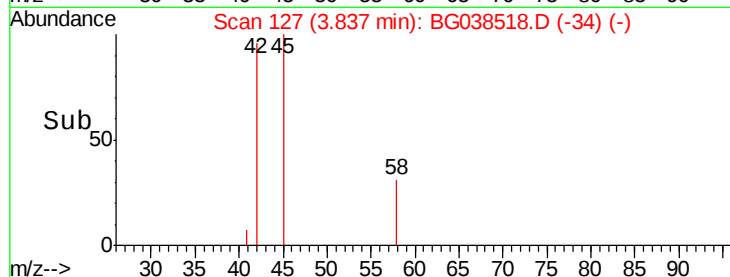
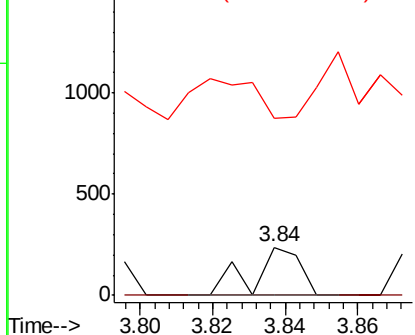
n-Nitrosodimethylamine
 Concen: 0.299 ng
 RT: 3.84 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion: 42 Resp: 211
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.7 130.1#
 44 366.4 7.8 11.8#



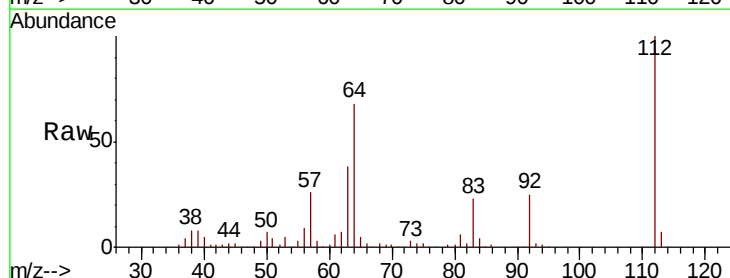
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



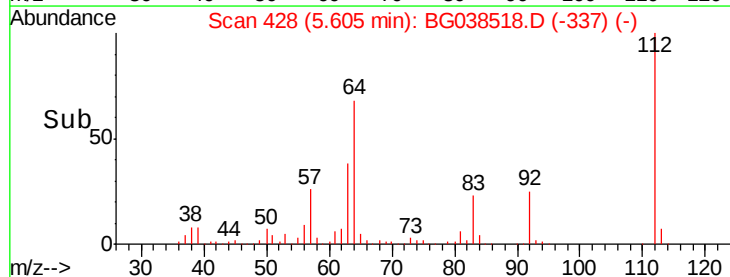
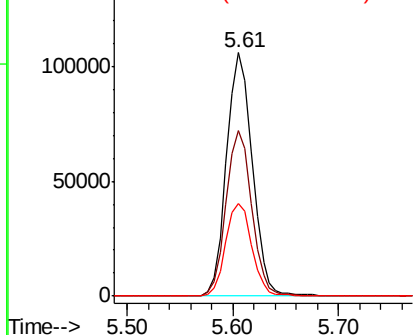
#5

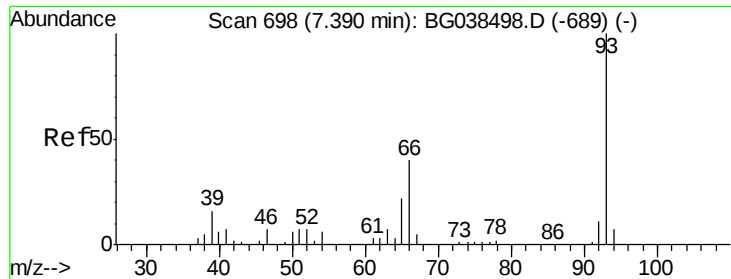
2-Fluorophenol
 Concen: 159.165 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion: 112 Resp: 179118
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.4 80.2
 63 38.2 29.3 43.9



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: 0.121 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.16 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampled :

TP-7

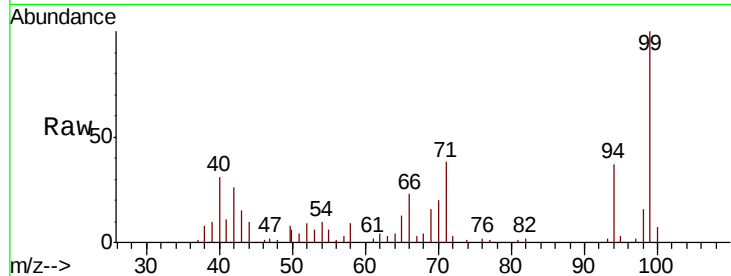
Tgt Ion: 93 Resp: 238

Ion Ratio Lower Upper

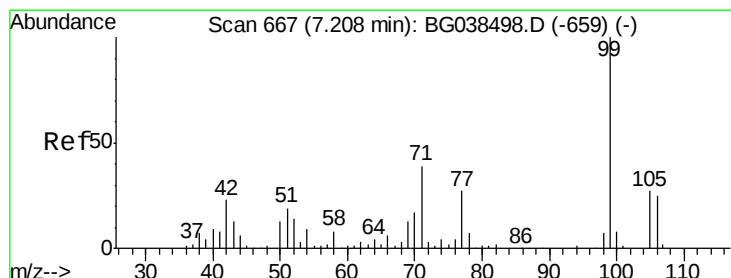
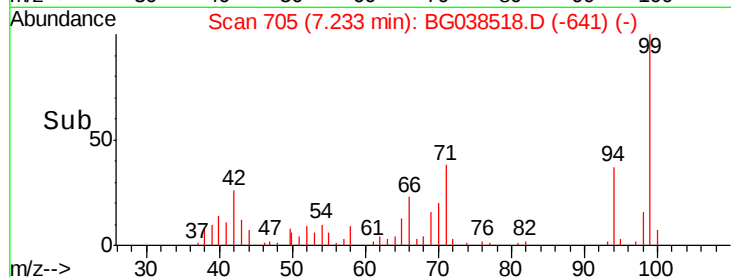
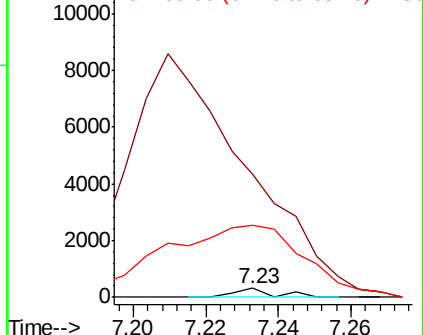
93 100

66 1333.5 31.7 47.5#

65 779.7 17.8 26.6#



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: 162.420 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

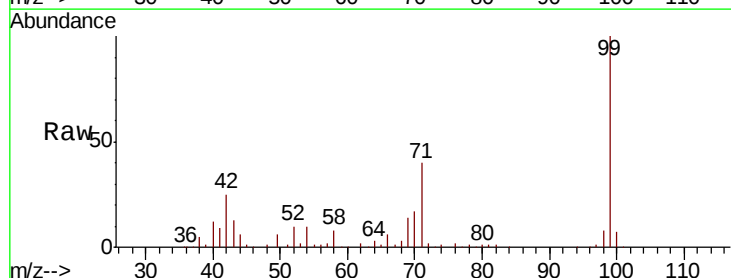
Tgt Ion: 99 Resp: 250924

Ion Ratio Lower Upper

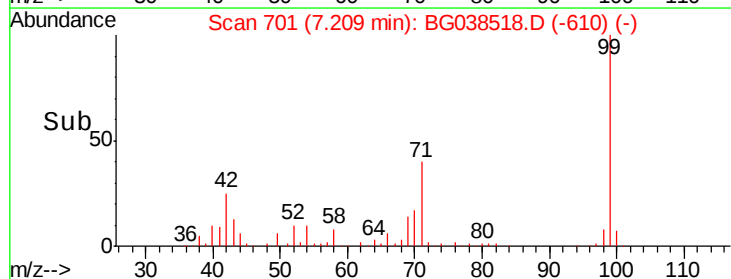
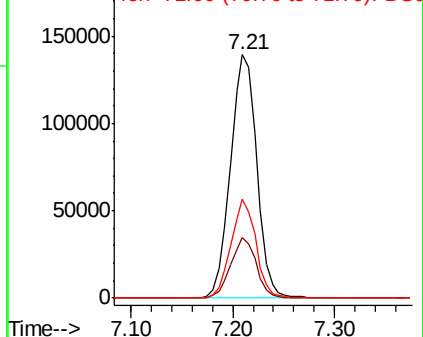
99 100

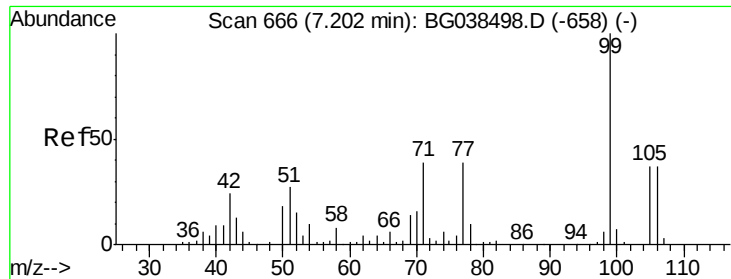
42 24.8 18.5 27.7

71 40.4 31.1 46.7



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





#9

Benzaldehyde

Concen: 0.508 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

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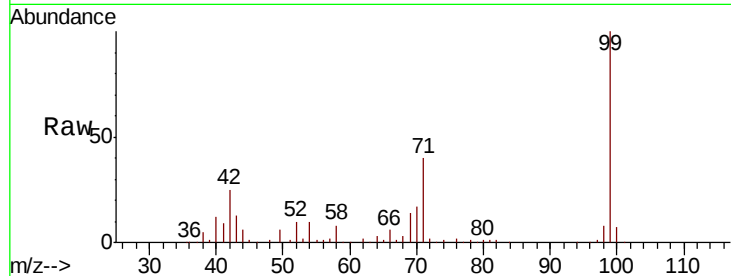
Tgt Ion: 77 Resp: 509

Ion Ratio Lower Upper

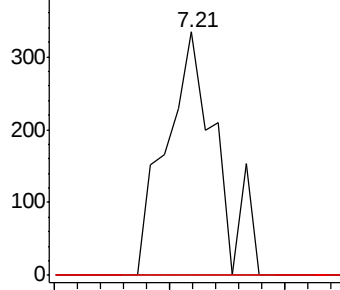
77 100

105 0.0 74.0 114.0#

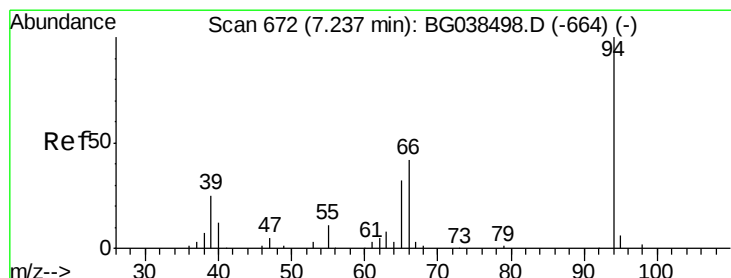
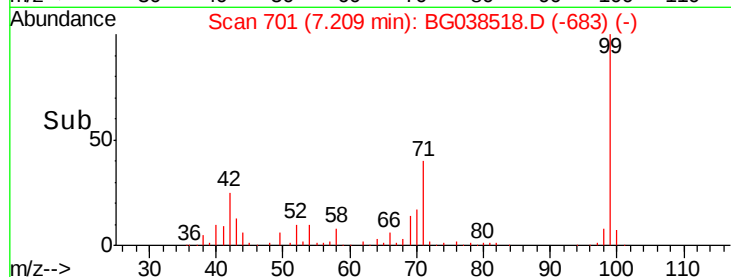
106 0.0 73.9 113.9#



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



Time--> 7.15 7.20 7.25



#10

Phenol

Concen: 7.012 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

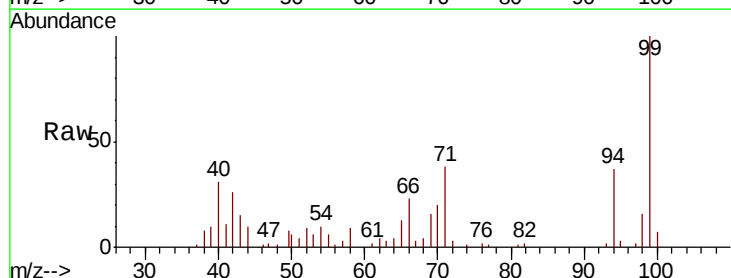
Tgt Ion: 94 Resp: 11509

Ion Ratio Lower Upper

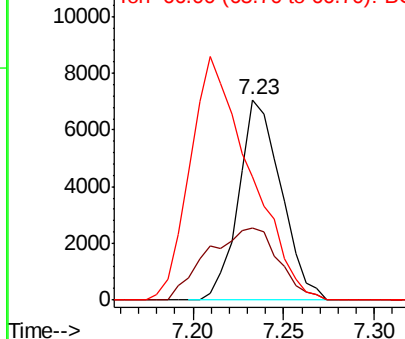
94 100

65 35.9 12.6 52.6

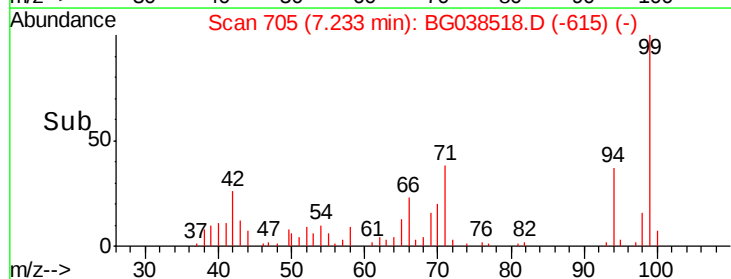
66 61.3 24.1 64.1

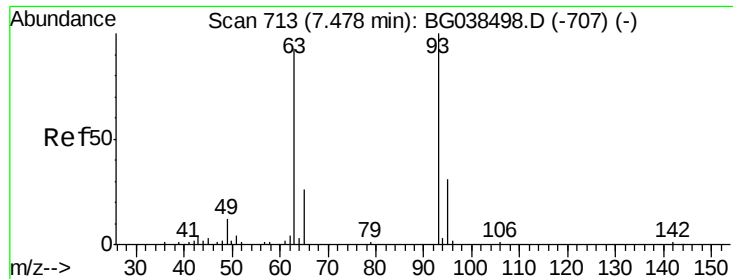


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.20 7.25 7.30

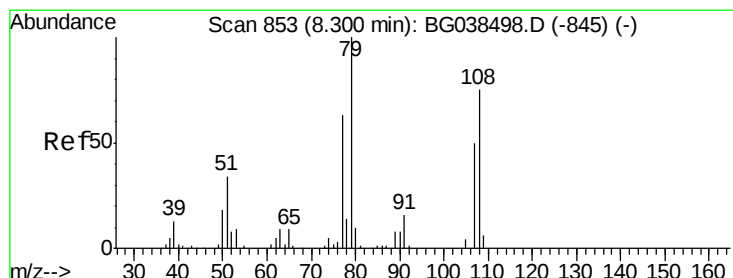
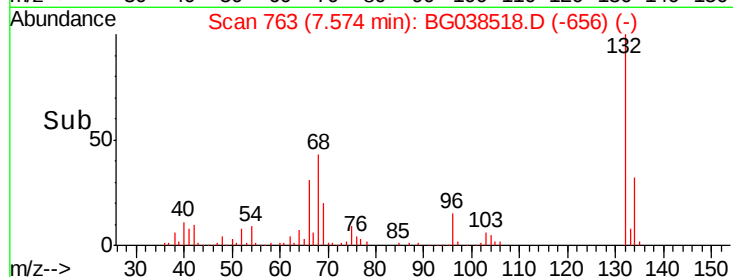
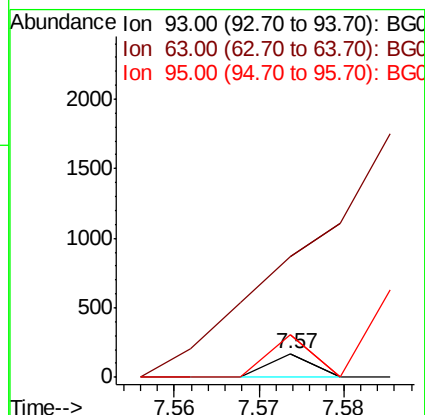
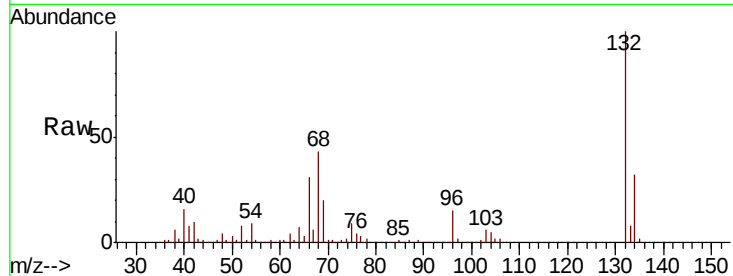




#11
 bis(2-Chloroethyl)ether
 Concen: 0.046 ng
 RT: 7.57 min Scan# 763
 Delta R.T. 0.10 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

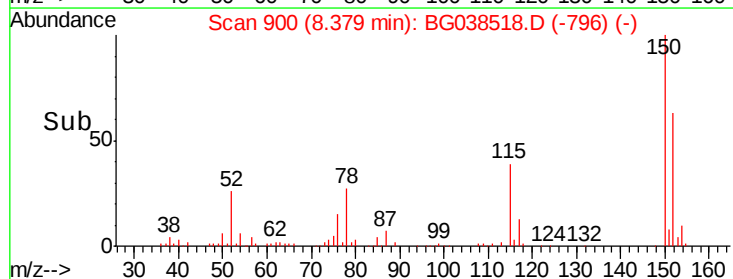
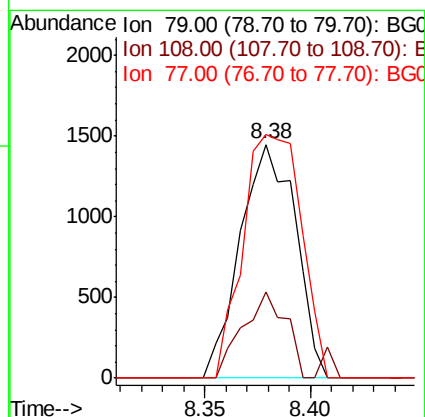
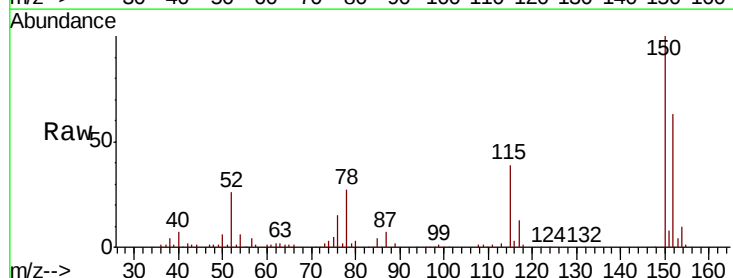
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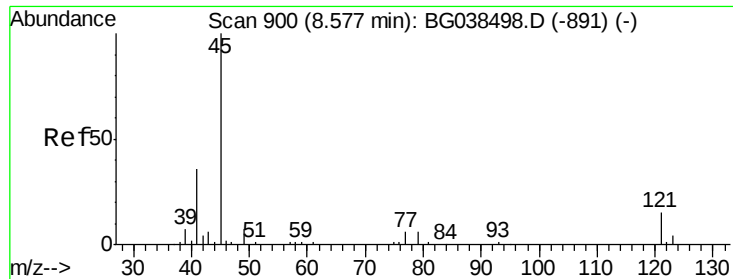
Tgt Ion: 93 Resp: 60
 Ion Ratio Lower Upper
 93 100
 63 509.4 72.2 112.2#
 95 177.6 11.2 51.2#



#15
 Benzyl Alcohol
 Concen: 2.174 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.08 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion: 79 Resp: 2622
 Ion Ratio Lower Upper
 79 100
 108 36.8 60.2 90.4#
 77 104.3 50.7 76.1#

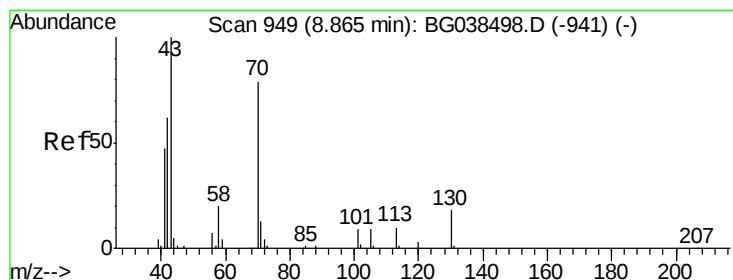
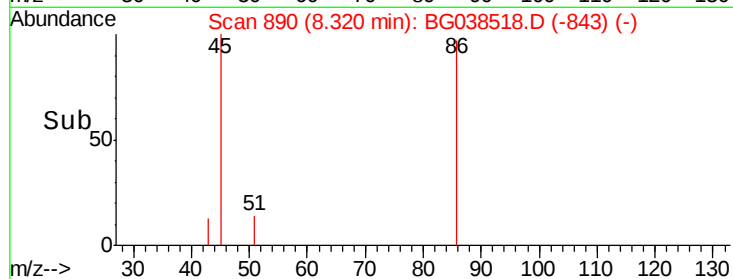
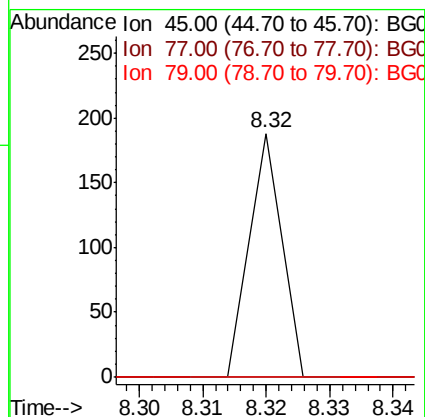
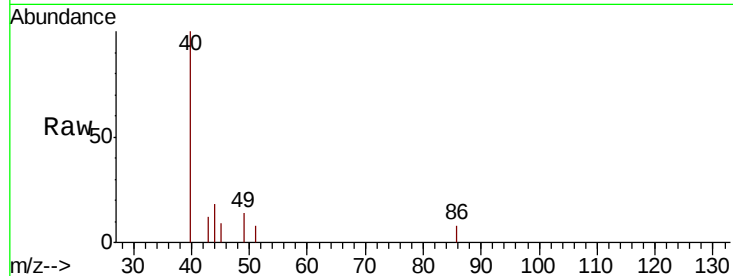




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

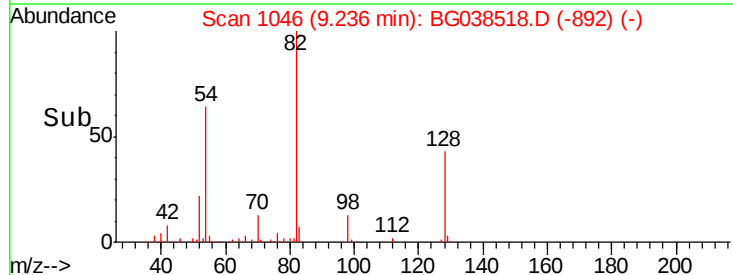
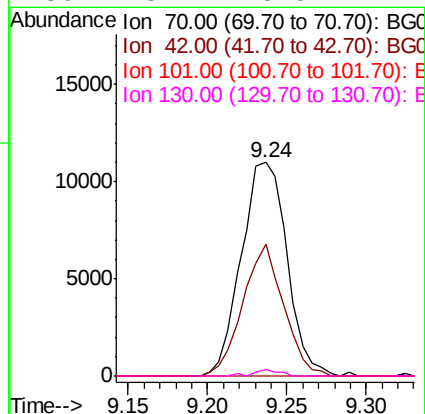
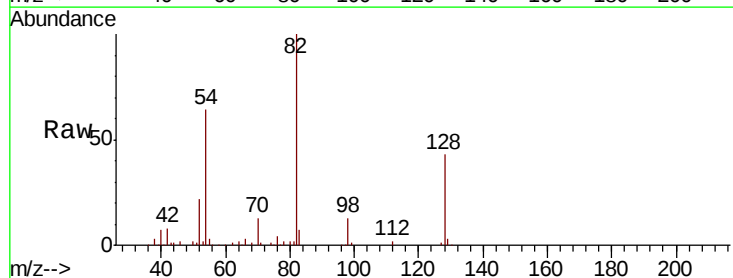
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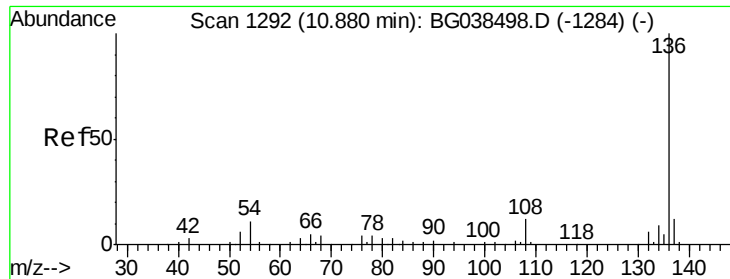
Tgt Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
77 0.0 0.0 28.2
79 0.0 0.0 27.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.296 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Tgt Ion: 70 Resp: 22022
Ion Ratio Lower Upper
70 100
42 61.8 63.6 95.4#
101 0.0 9.2 13.8#
130 3.2 18.5 27.7#

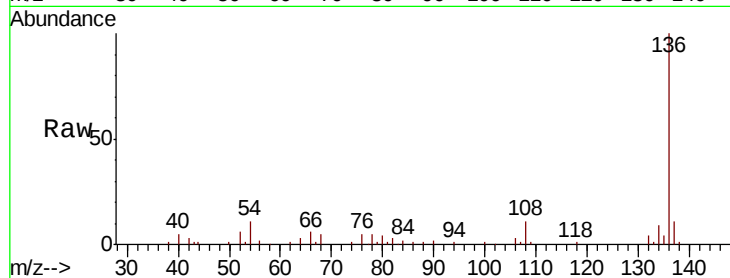




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:	136	Resp:	80627
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	11.2	8.5	12.7
68	5.2	3.5	5.3



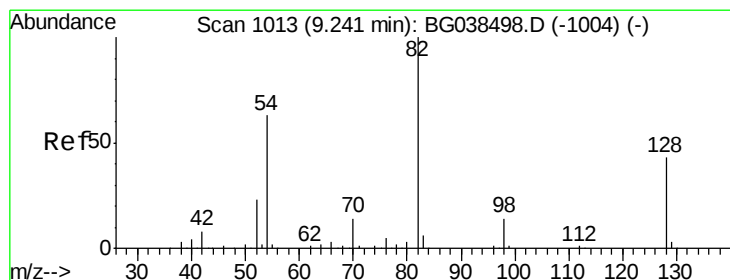
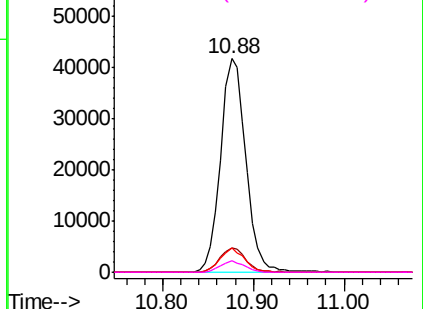
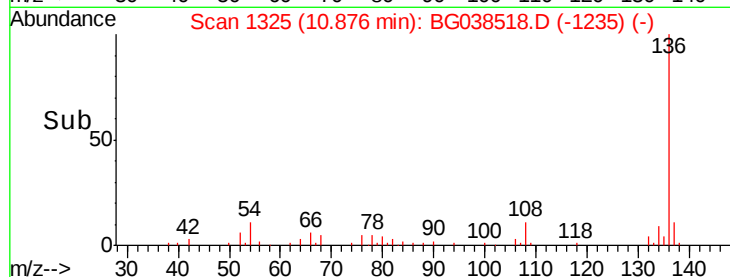
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

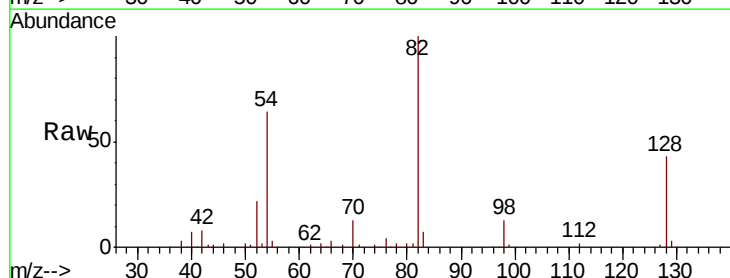
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 102.637 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Tgt Ion:	82	Resp:	161984
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	63.7	50.6	76.0

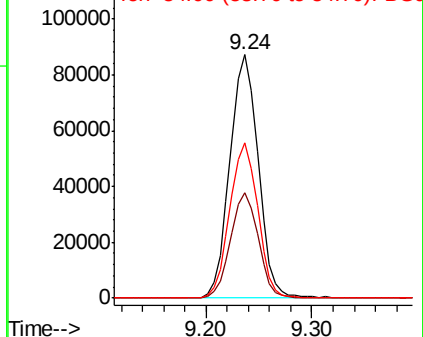
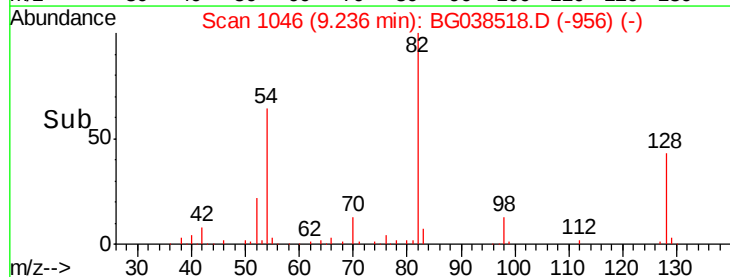


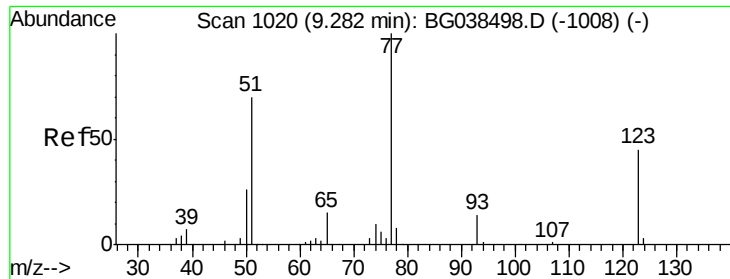
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

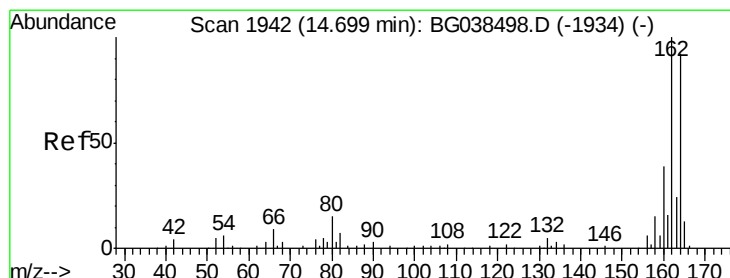
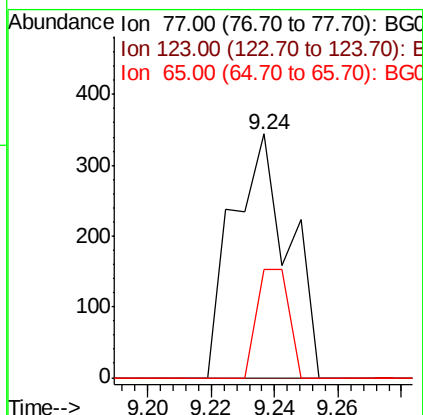
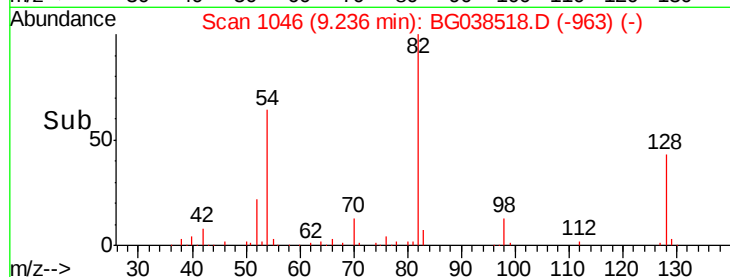
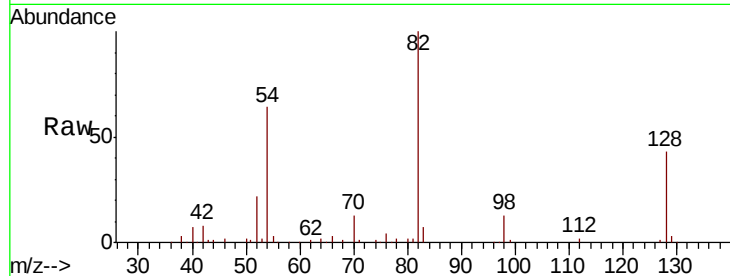




#24
Nitrobenzene
Concen: 0.264 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

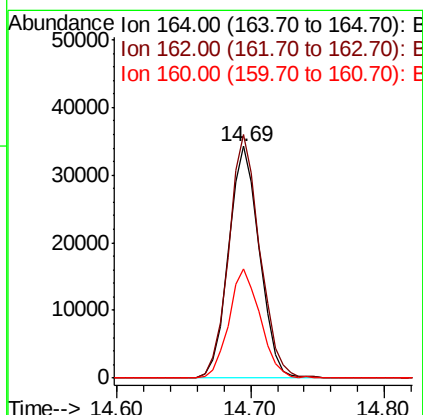
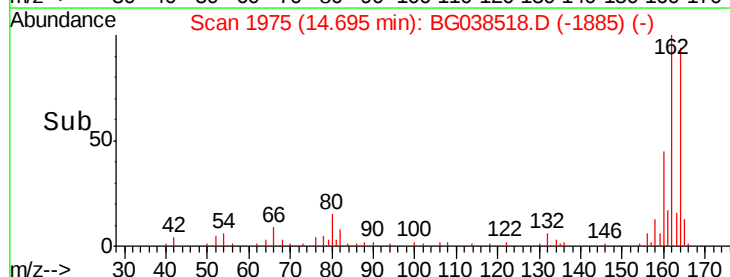
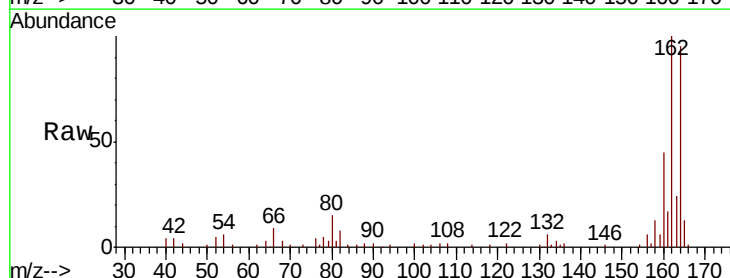
Instrument :
BNA_G
ClientSampled :
TP-7

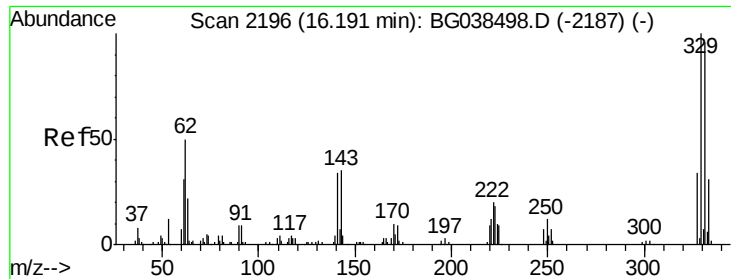
Tgt Ion: 77 Resp: 422
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 44.5 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038518.D
Acq: 13 Dec 2018 3:57

Tgt Ion: 164 Resp: 55206
Ion Ratio Lower Upper
164 100
162 105.0 86.6 130.0
160 47.1 34.2 51.2

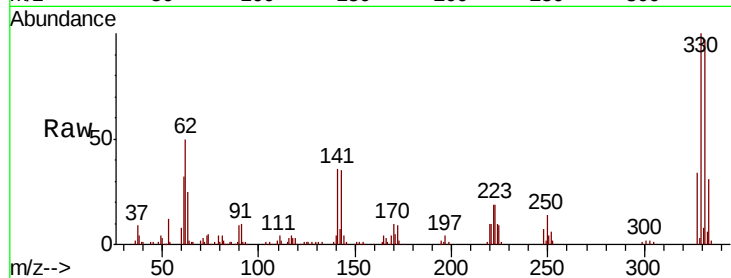




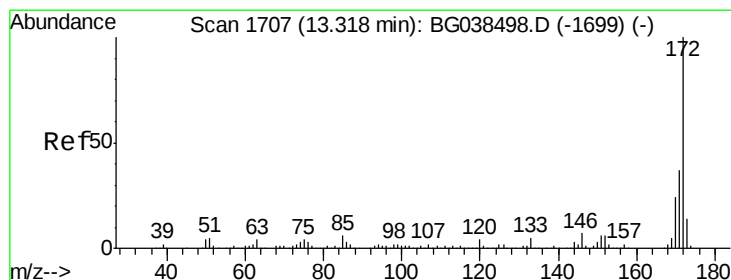
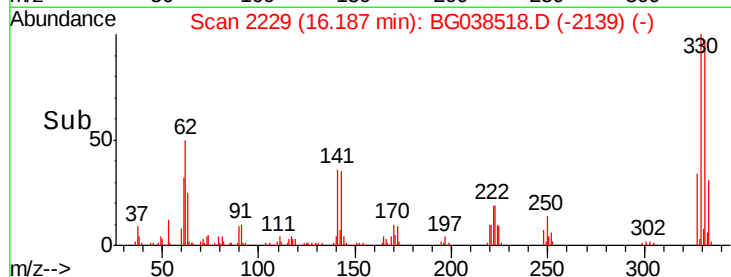
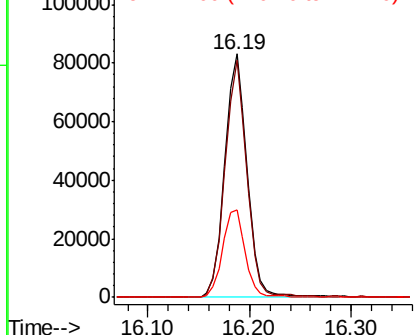
#42
 2,4,6-Tribromophenol
 Concen: 166.714 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:330 Resp: 126842
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.9 115.3
 141 36.5 28.8 43.2

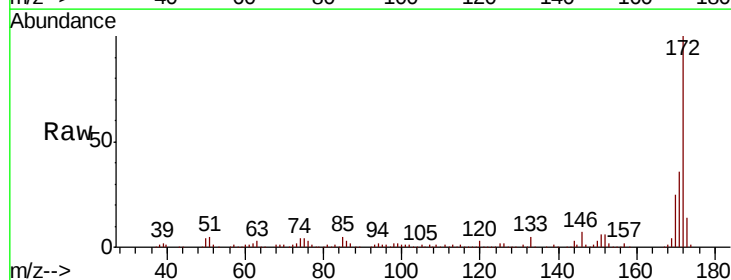


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

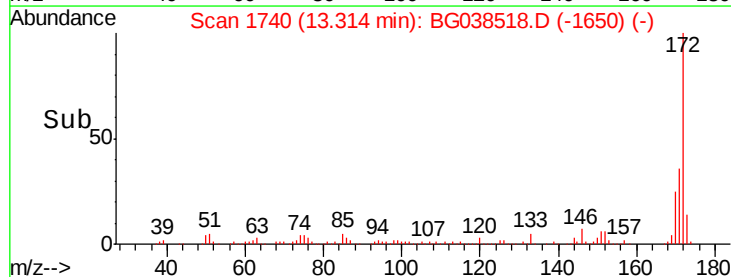
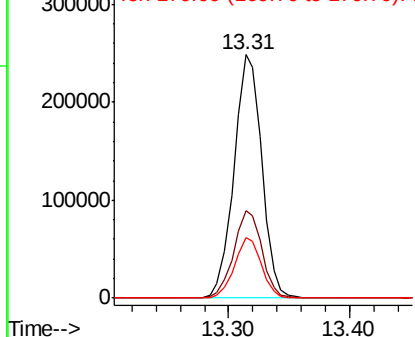


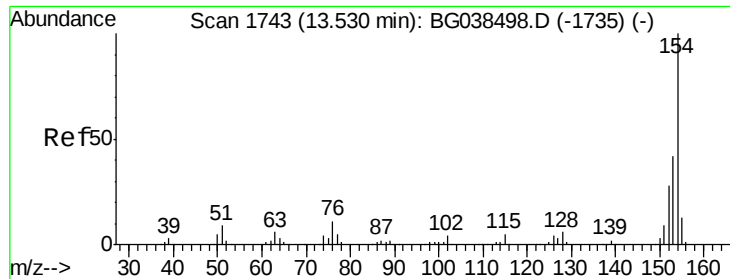
#45
 2-Fluorobiphenyl
 Concen: 99.042 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion:172 Resp: 398564
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.8 44.6
 170 25.0 19.5 29.3



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

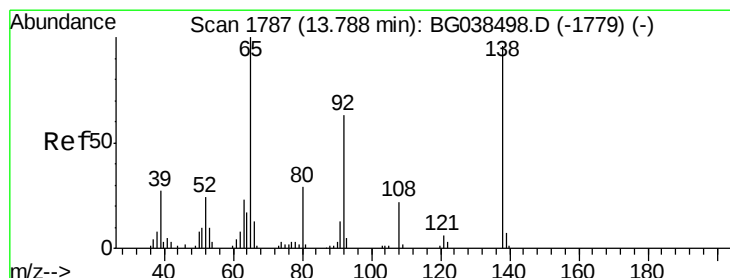
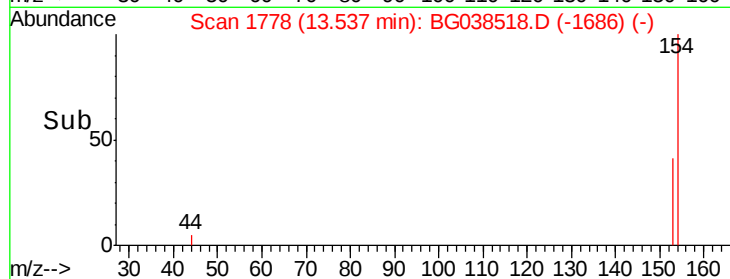
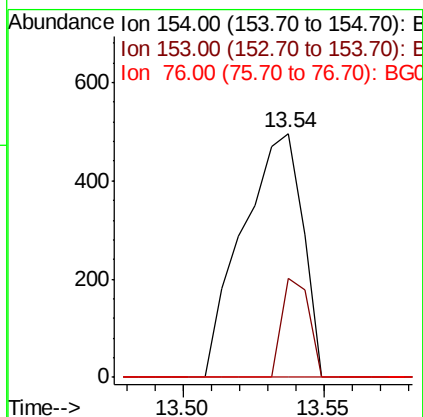
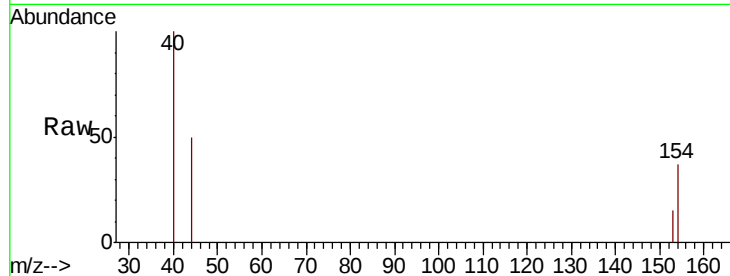




#46
 1,1'-Biphenyl
 Concen: 0.158 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

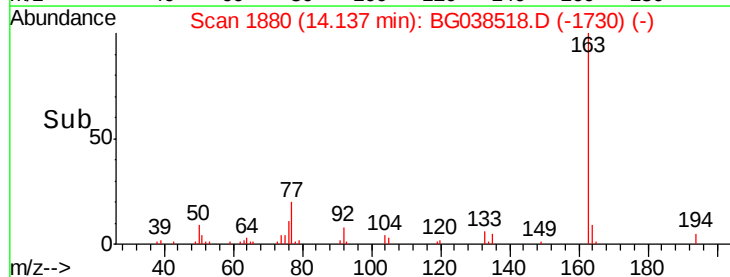
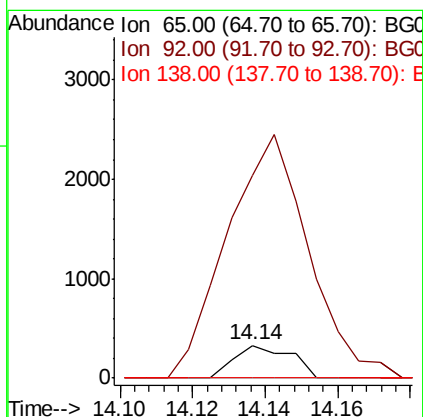
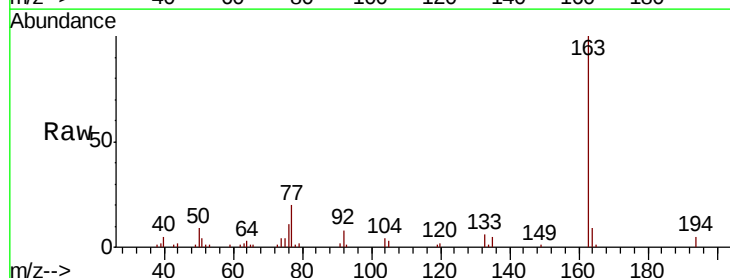
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

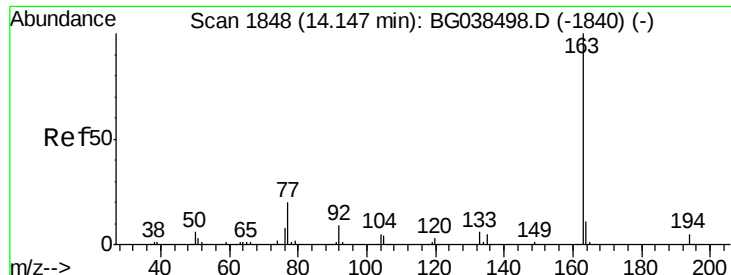
Tgt Ion: 154 Resp: 732
 Ion Ratio Lower Upper
 154 100
 153 40.5 22.1 62.1
 76 0.0 0.0 31.2



#48
 2-Nitroaniline
 Concen: 0.312 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.35 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion: 65 Resp: 355
 Ion Ratio Lower Upper
 65 100
 92 616.1 50.0 75.0#
 138 0.0 76.9 115.3#





#50

Dimethylphthalate

Concen: 9.230 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

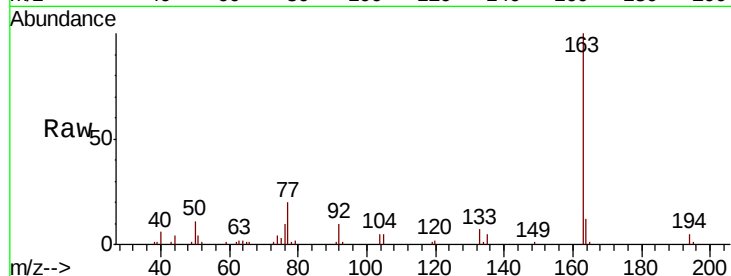
Tgt Ion:163 Resp: 41613

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

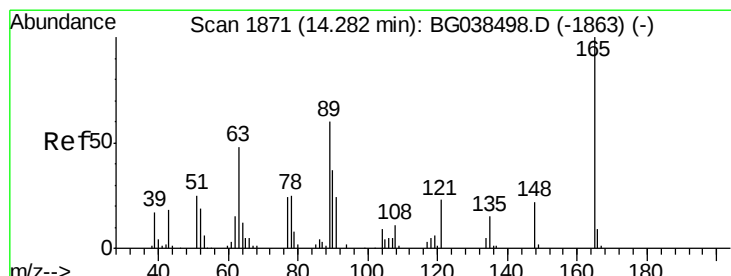
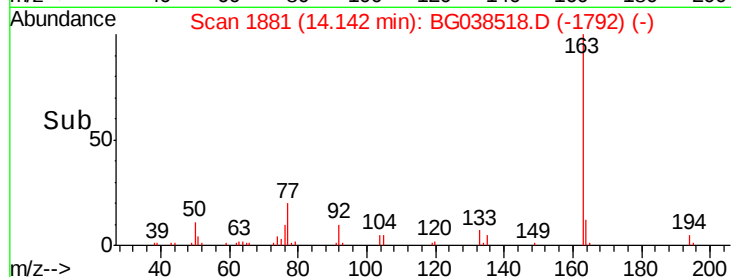
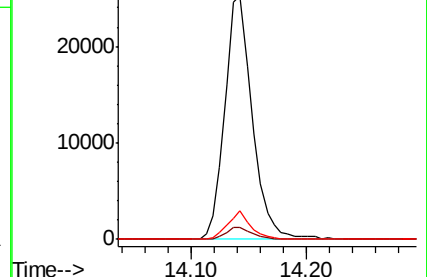
164 11.8 8.6 12.8



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: 0.409 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.15 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

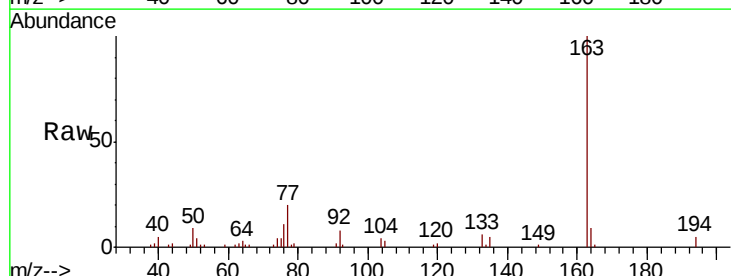
Tgt Ion:165 Resp: 418

Ion Ratio Lower Upper

165 100

63 151.6 51.8 77.6#

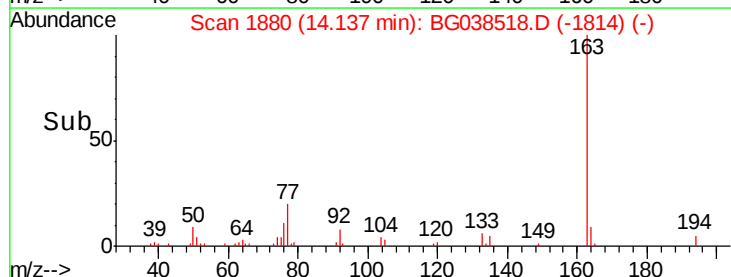
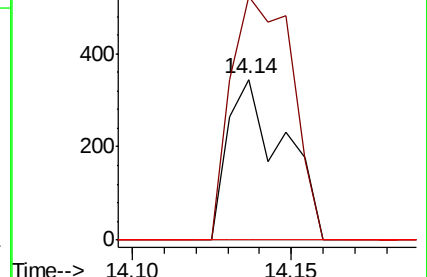
89 0.0 47.9 71.9#

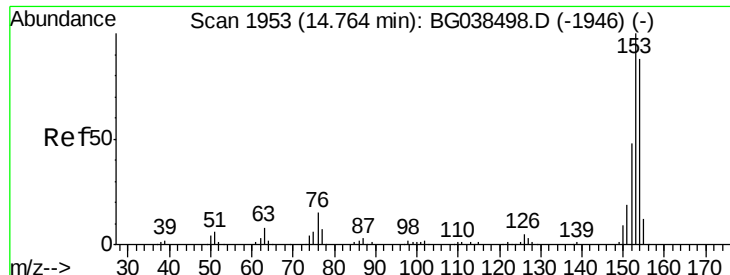


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.027 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.07 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

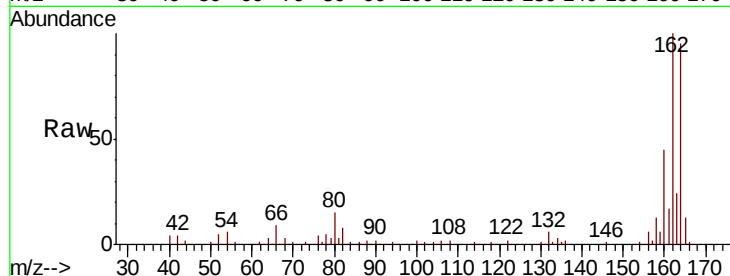
Tgt Ion:154 Resp: 86

Ion Ratio Lower Upper

154 100

153 0.0 90.6 136.0#

152 0.0 43.5 65.3#



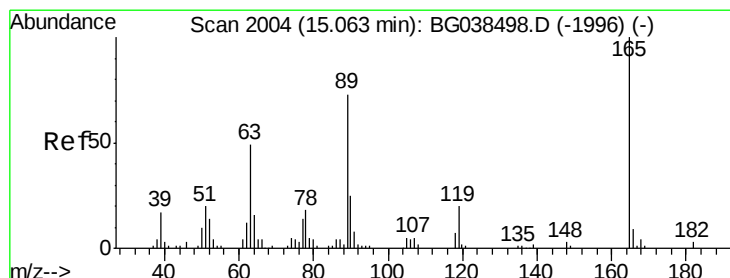
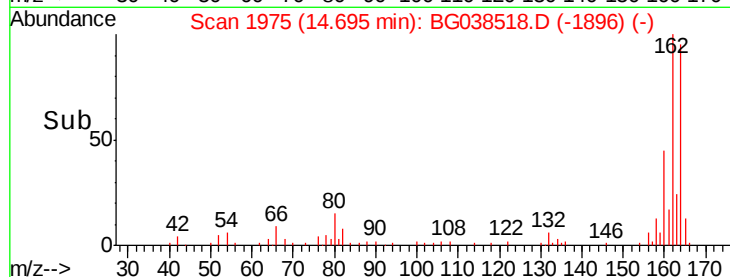
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.69

Time-->



#57

2,4-Dinitrotoluene

Concen: 4.978 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Tgt Ion:165 Resp: 7163

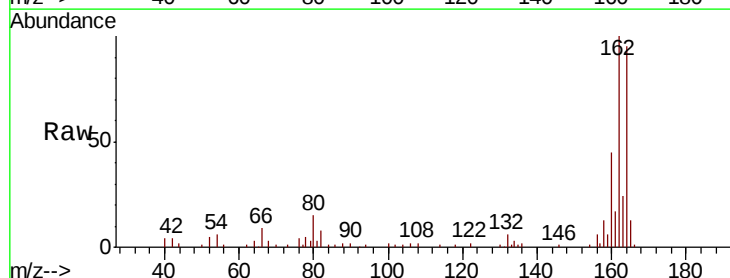
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E

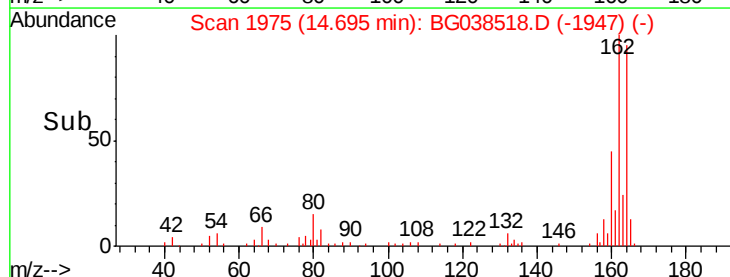
Ion 63.00 (62.70 to 63.70): BGC

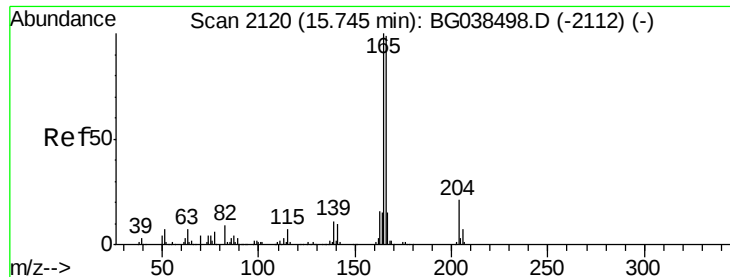
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

14.69

Time-->





#58

Fluorene

Concen: 0.892 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.44 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

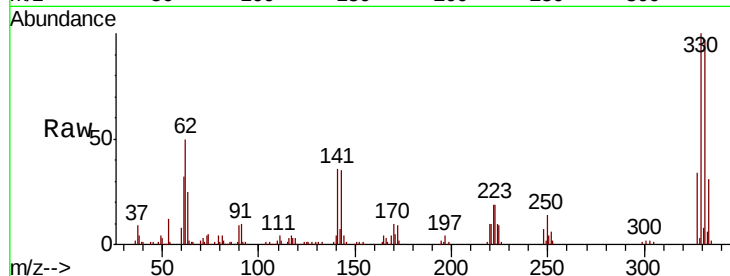
Tgt Ion:166 Resp: 3622

Ion Ratio Lower Upper

166 100

165 96.7 80.6 120.8

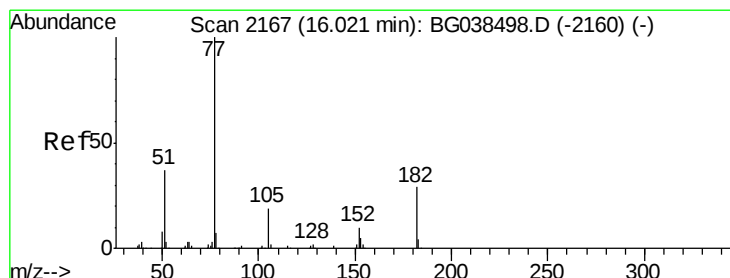
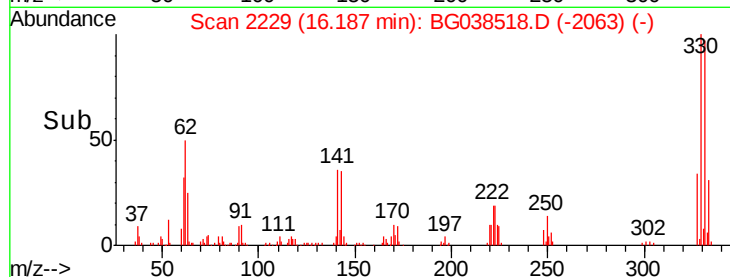
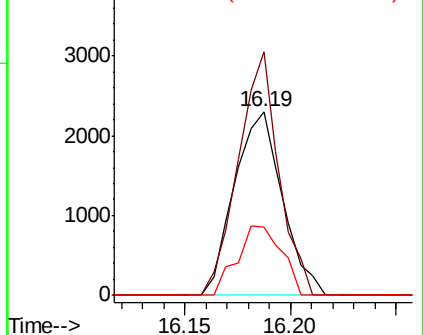
167 27.0 12.0 18.0#



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



#63

Azobenzene

Concen: 0.154 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.17 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Tgt Ion: 77 Resp: 638

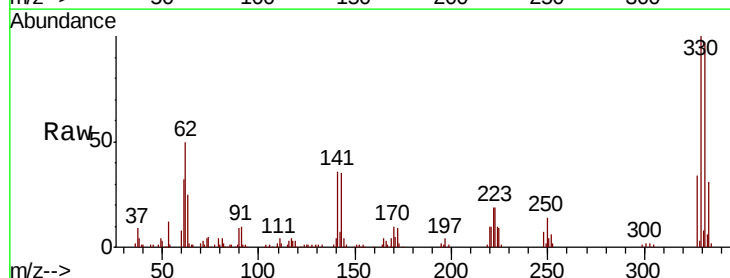
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 81.6 0.0 38.7#

51 53.2 16.6 56.6

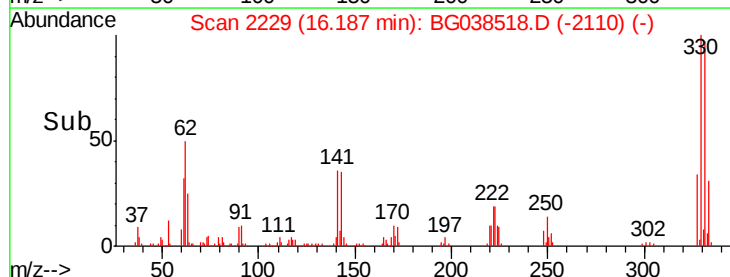
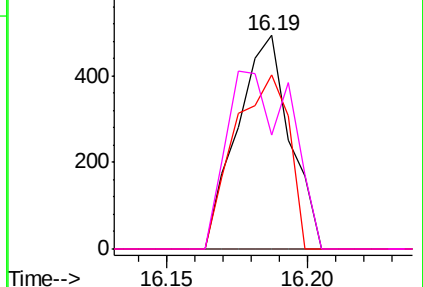


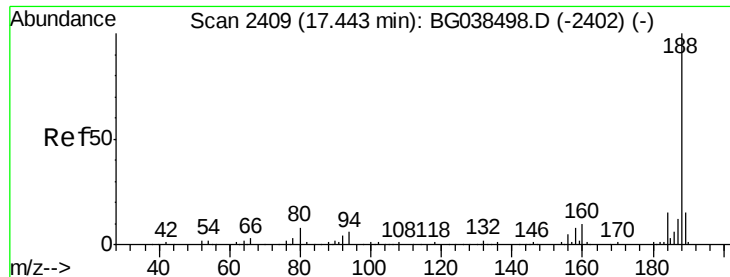
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

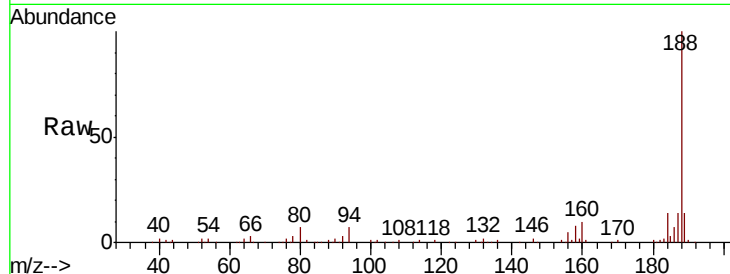




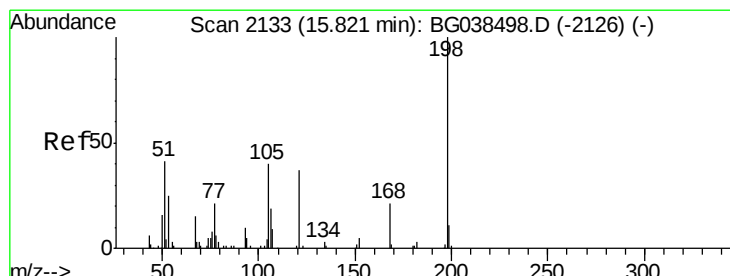
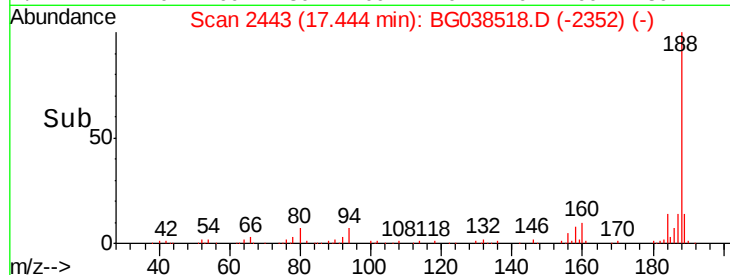
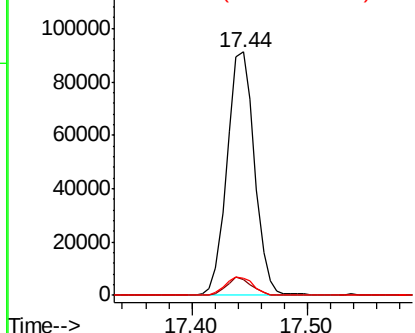
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:188 Resp: 150454
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 6.9 6.1 9.1

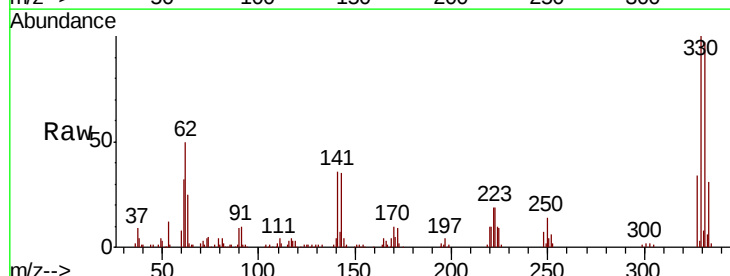


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

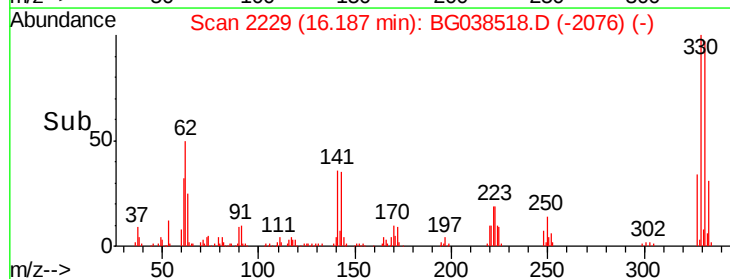
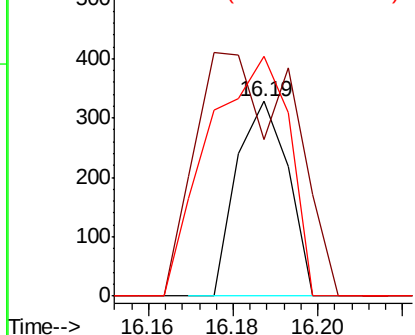


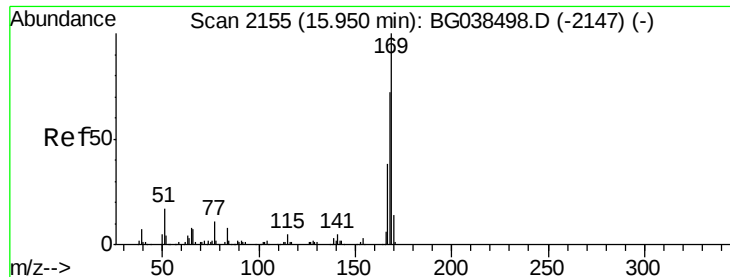
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.258 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.37 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 18.5 28.6 68.6#
 105 28.3 20.4 60.4



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

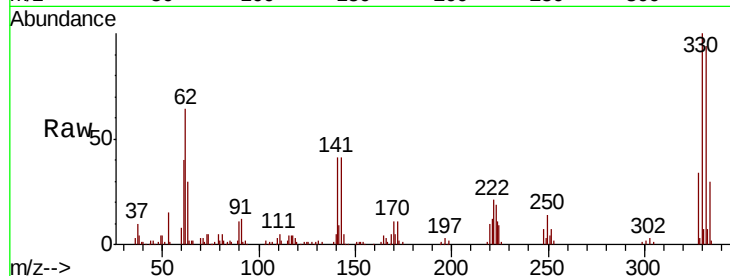




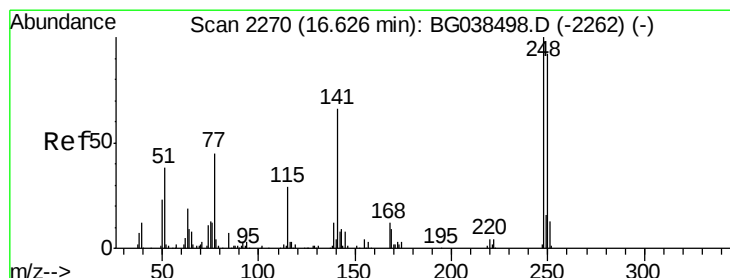
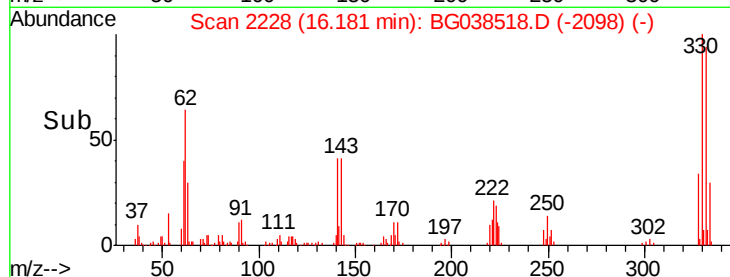
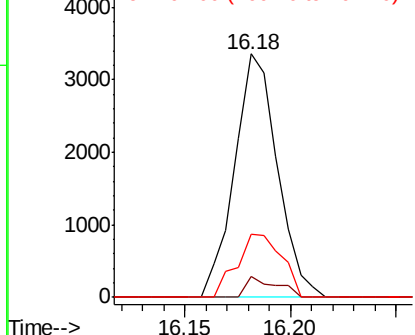
#66
 n-Nitrosodiphenylamine
 Concen: 1.066 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.23 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:169 Resp: 4711
 Ion Ratio Lower Upper
 169 100
 168 8.7 57.5 86.3#
 167 26.0 30.2 45.2#

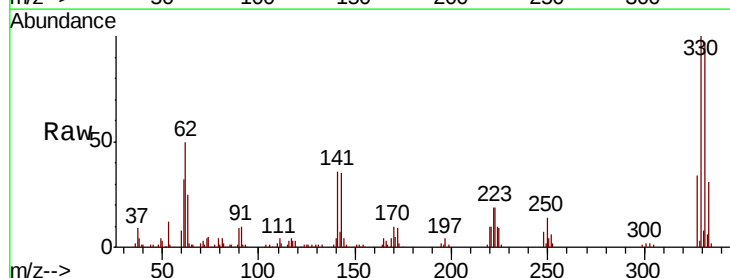


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

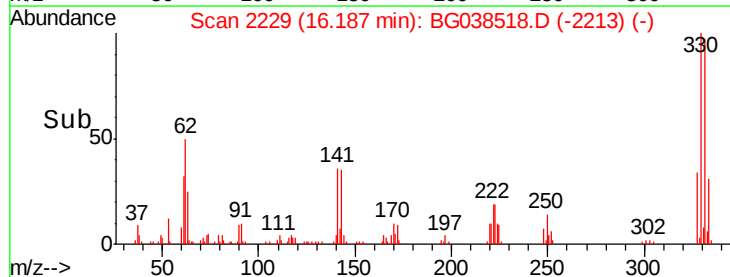
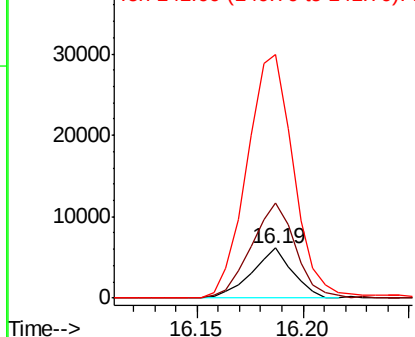


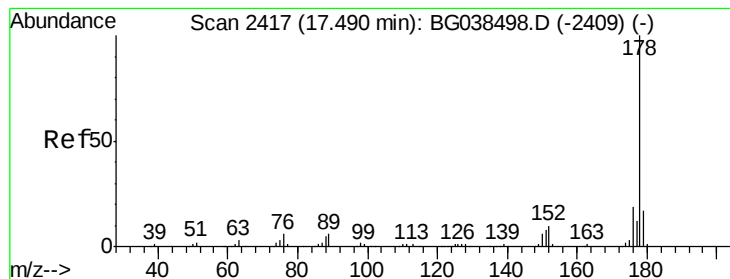
#67
 4-Bromophenyl-phenylether
 Concen: 4.489 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion:248 Resp: 8248
 Ion Ratio Lower Upper
 248 100
 250 247.7 73.4 110.2#
 141 485.8 52.9 79.3#



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: 0.331 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

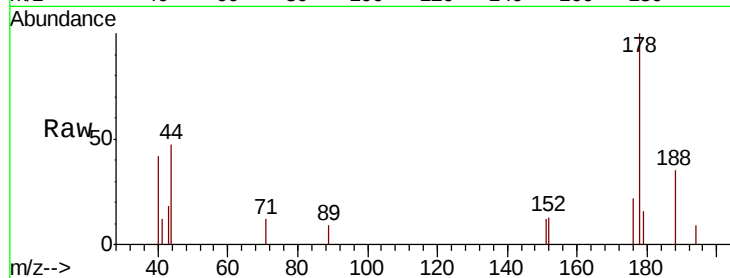
Tgt Ion:178 Resp: 2584

Ion Ratio Lower Upper

178 100

176 21.5 15.1 22.7

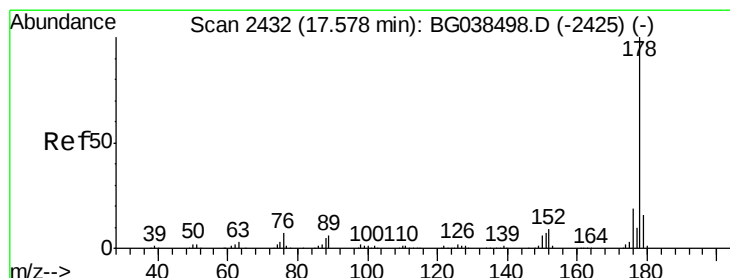
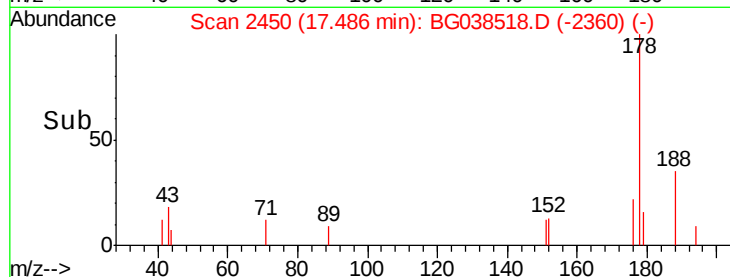
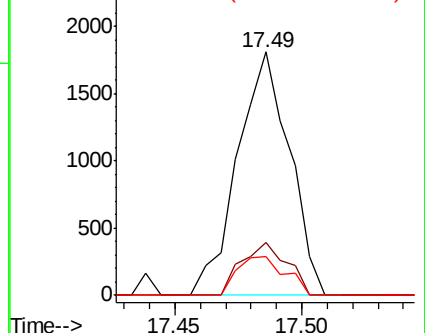
179 16.2 13.2 19.8



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: 0.335 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

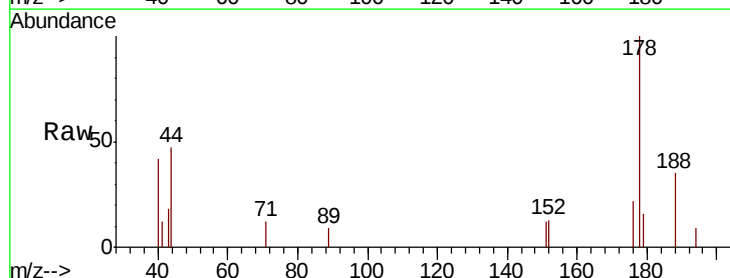
Tgt Ion:178 Resp: 2584

Ion Ratio Lower Upper

178 100

176 21.5 15.1 22.7

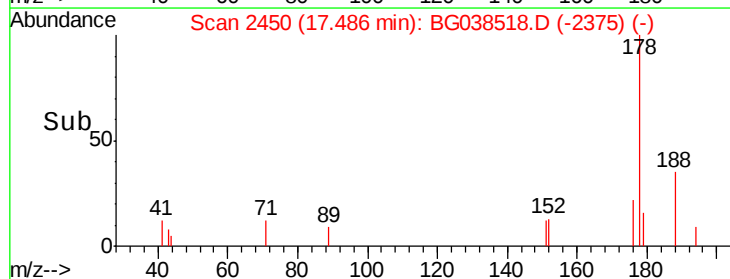
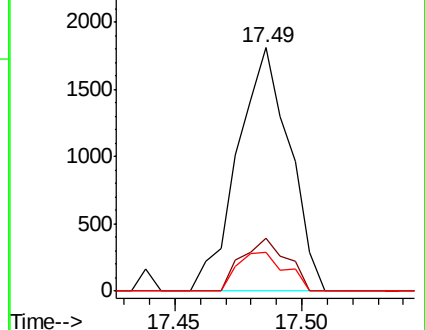
179 16.2 12.9 19.3

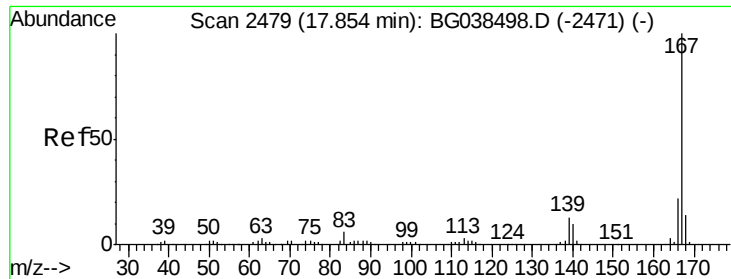


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.009 ng

RT: 17.87 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

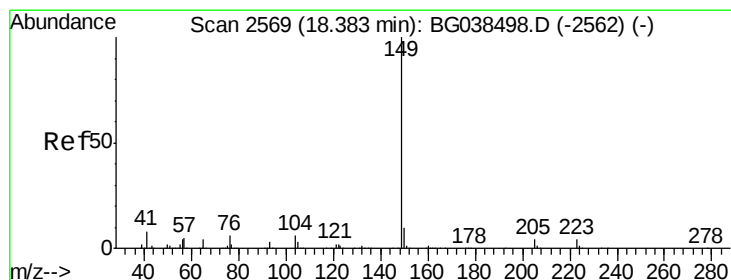
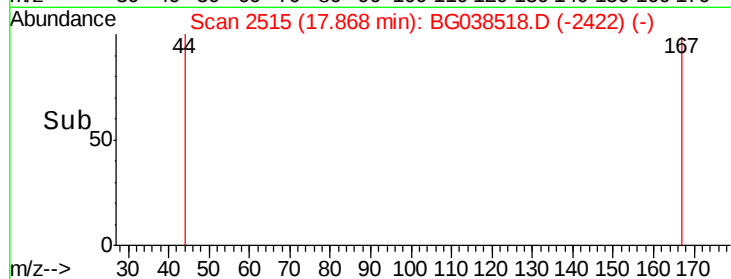
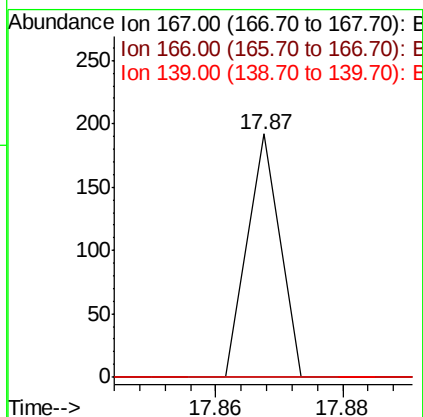
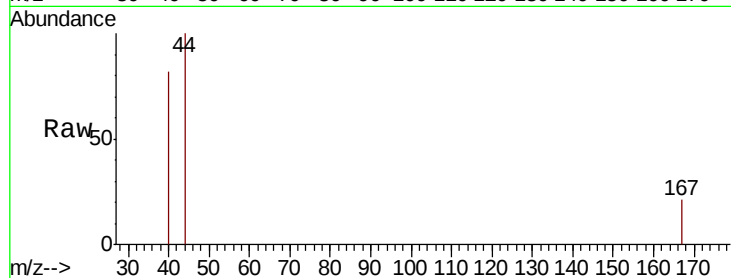
Tgt Ion:167 Resp: 68

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

139 0.0 10.2 15.2#



#74

Di-n-butylphthalate

Concen: 0.046 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

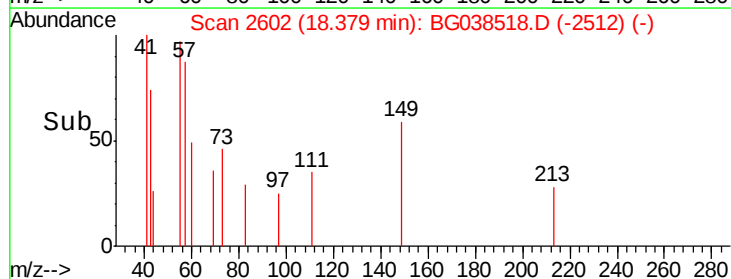
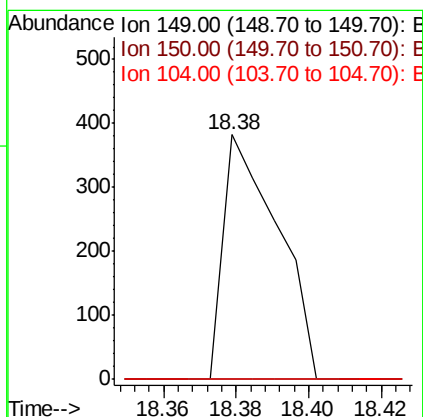
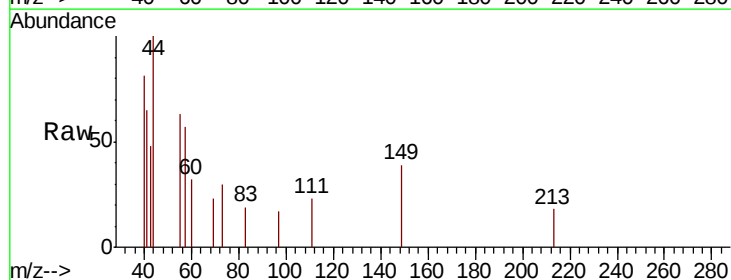
Tgt Ion:149 Resp: 399

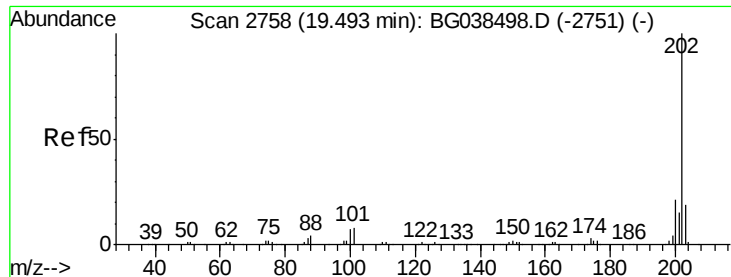
Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 5.0 7.4#





#75

Fluoranthene

Concen: 0.491 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

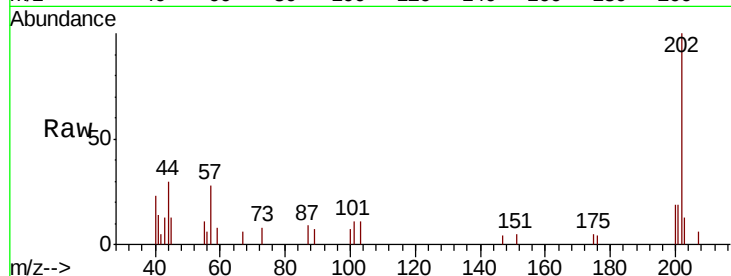
Tgt Ion:202 Resp: 4735

Ion Ratio Lower Upper

202 100

101 11.4 0.0 28.1

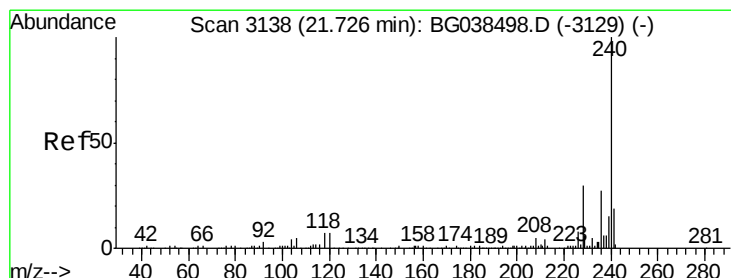
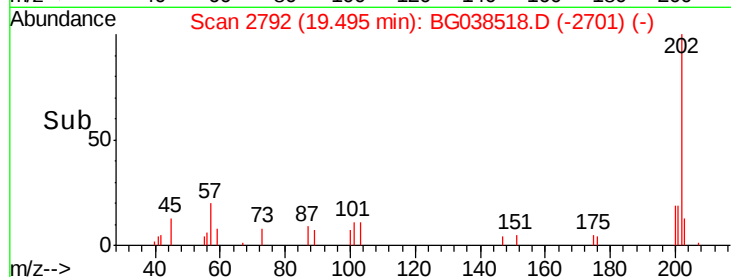
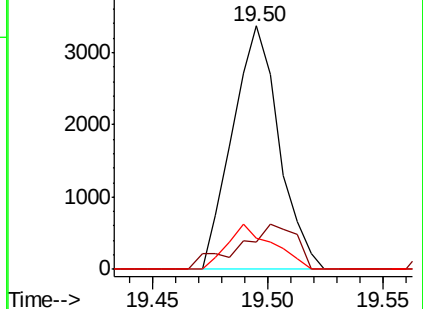
203 12.9 0.0 39.0



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: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

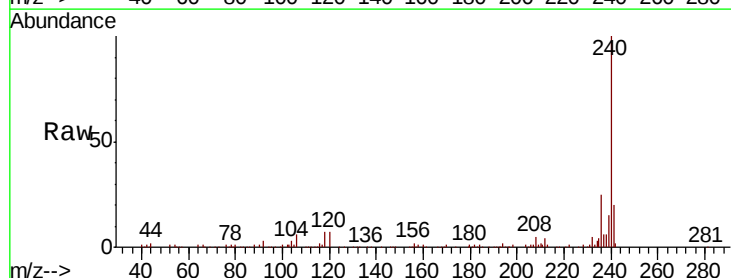
Tgt Ion:240 Resp: 161159

Ion Ratio Lower Upper

240 100

120 7.4 5.3 7.9

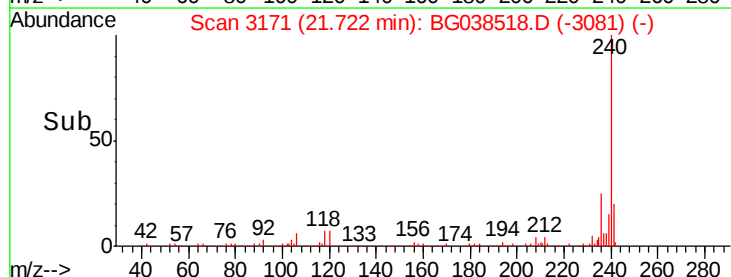
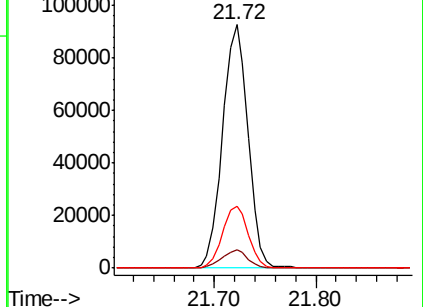
236 25.2 21.4 32.2

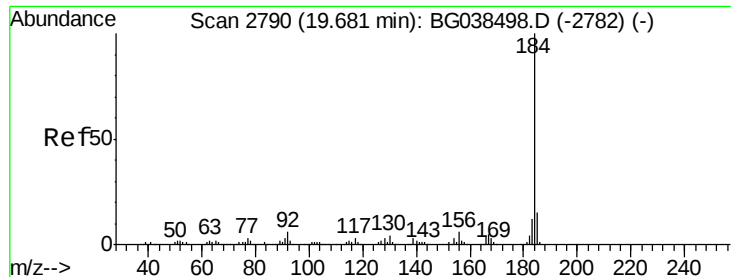


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.859 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

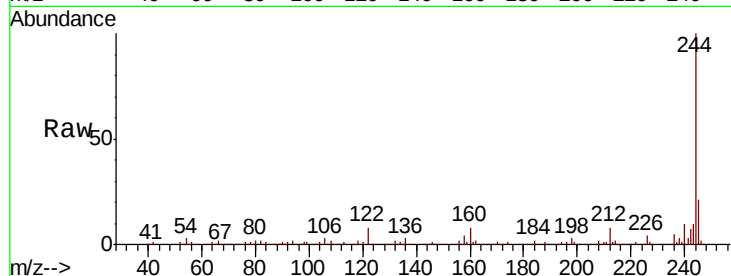
Tgt Ion:184 Resp: 13627

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

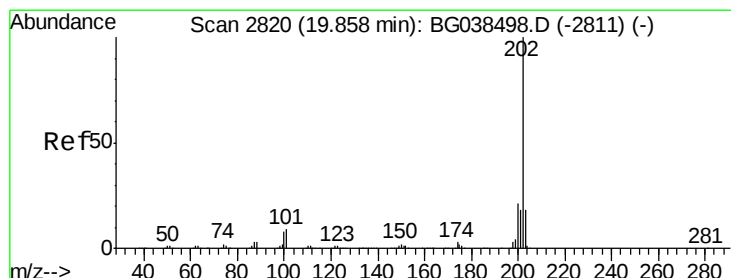
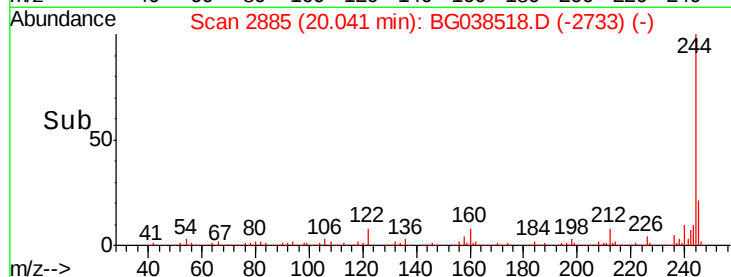
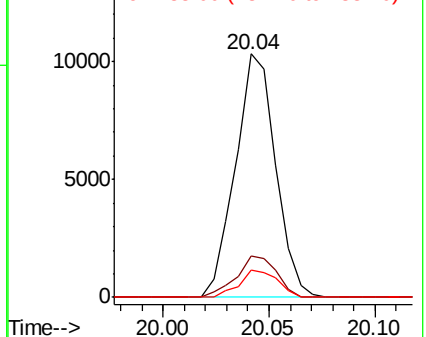
183 11.1 9.6 14.4



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: 0.350 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

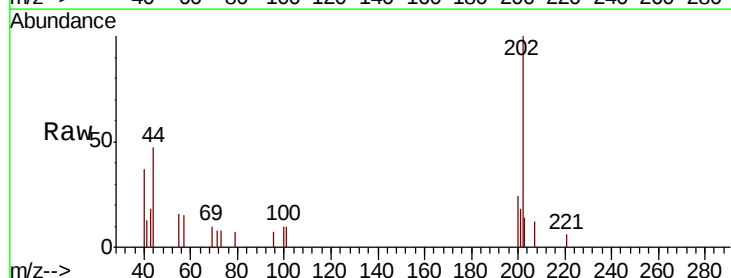
Tgt Ion:202 Resp: 3730

Ion Ratio Lower Upper

202 100

200 24.1 16.6 25.0

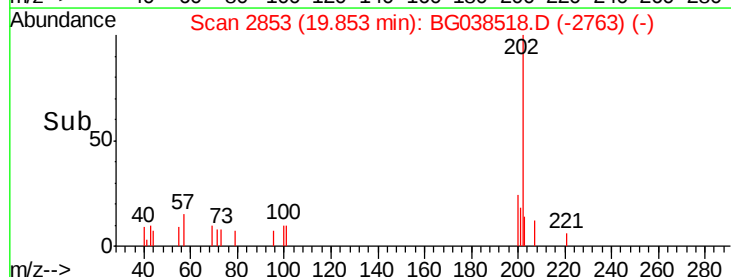
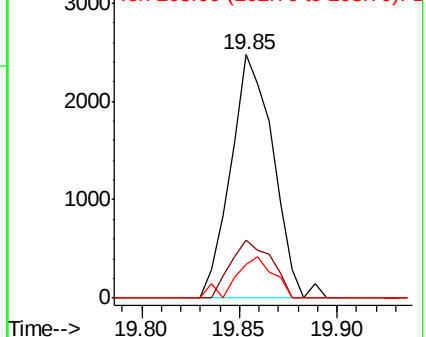
203 13.7 14.6 21.8#

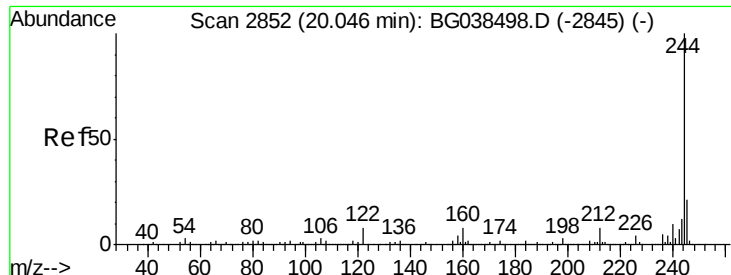


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.145 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

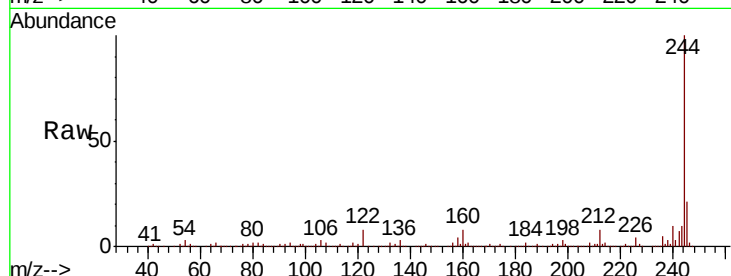
Tgt Ion:244 Resp: 771200

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

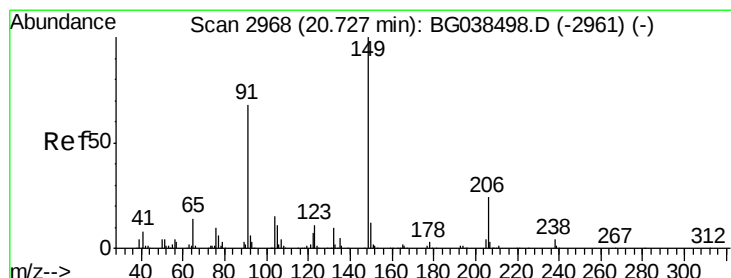
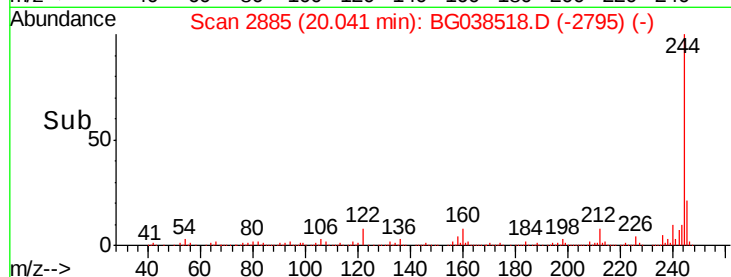
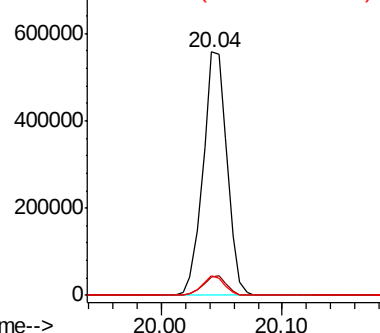
122 7.9 6.3 9.5



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: 0.013 ng

RT: 21.03 min Scan# 3053

Delta R.T. 0.30 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

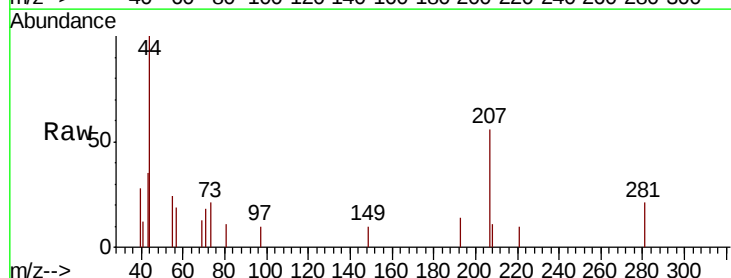
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 54.5 81.7#

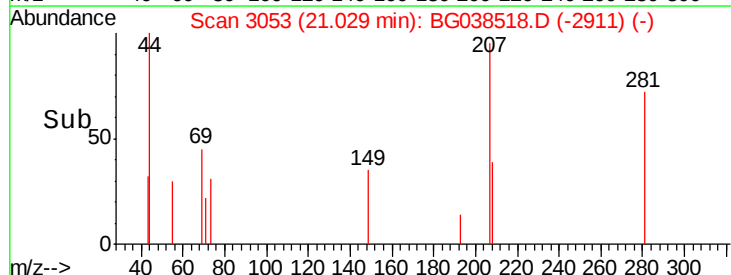
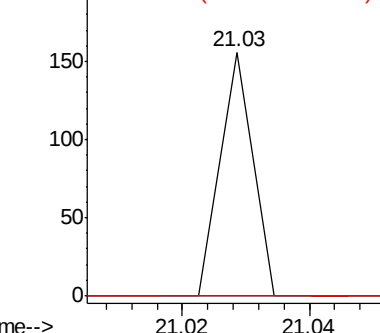
206 0.0 19.0 28.6#

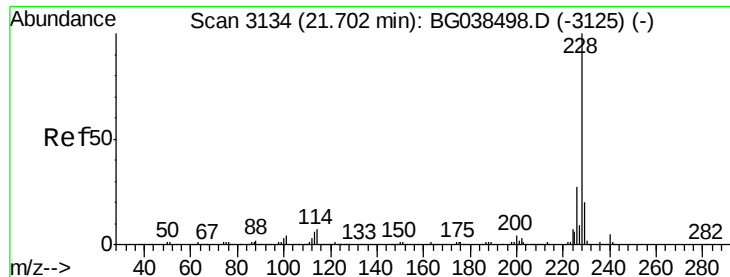


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.176 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

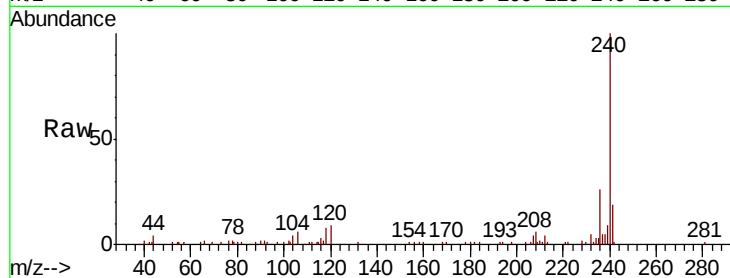
Tgt Ion:228 Resp: 1732

Ion Ratio Lower Upper

228 100

226 18.4 21.8 32.8#

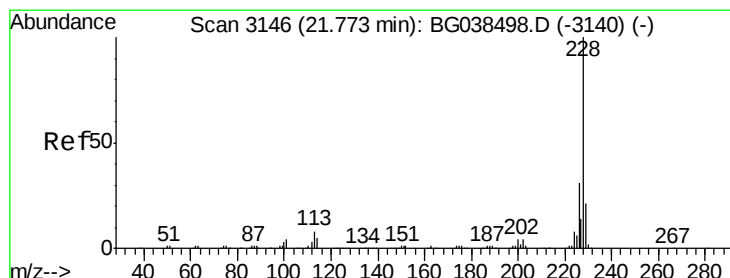
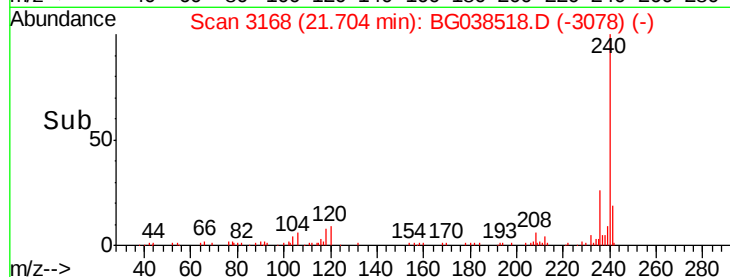
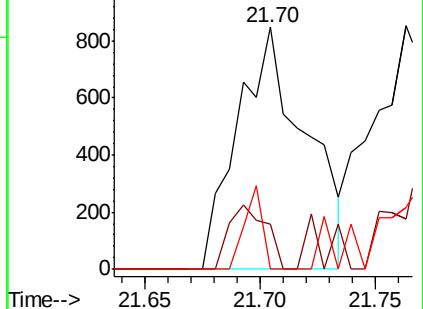
229 0.0 15.8 23.6#



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: 0.184 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

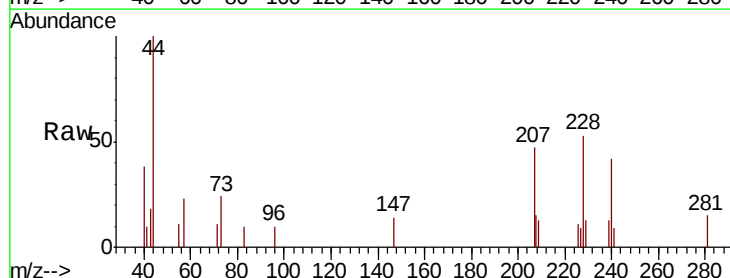
Tgt Ion:228 Resp: 1742

Ion Ratio Lower Upper

228 100

226 20.9 25.0 37.4#

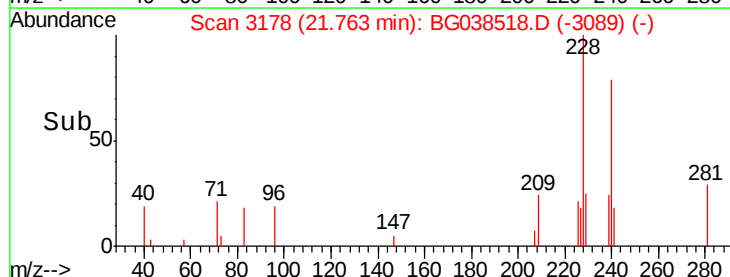
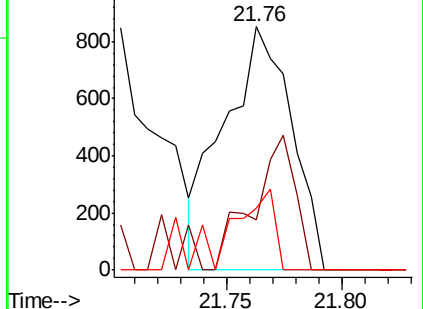
229 25.4 16.5 24.7#

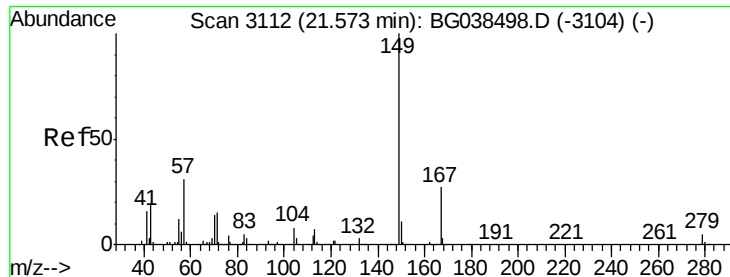


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

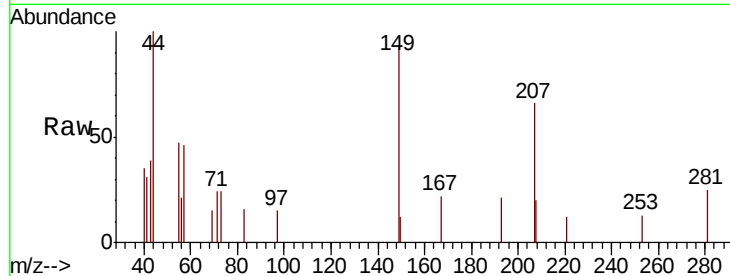




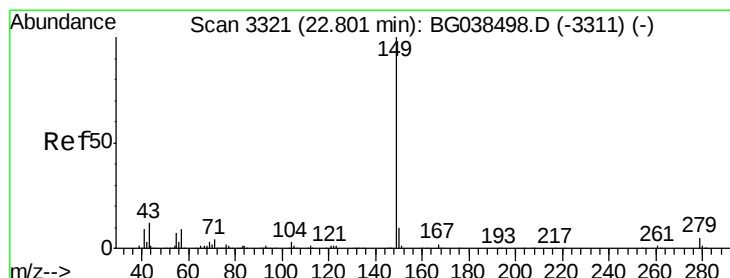
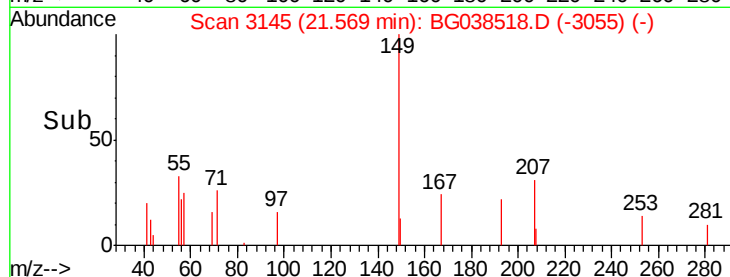
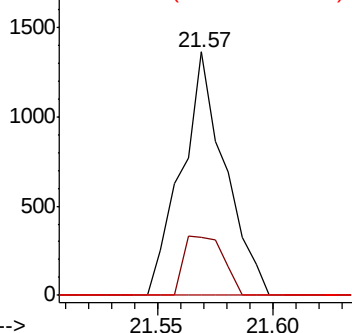
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.303 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:149 Resp: 1787
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.9 32.9
 279 0.0 4.2 6.2#

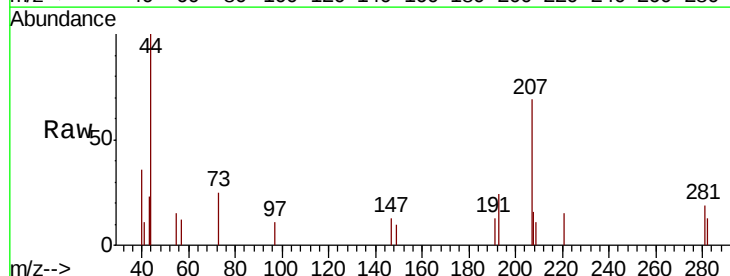


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

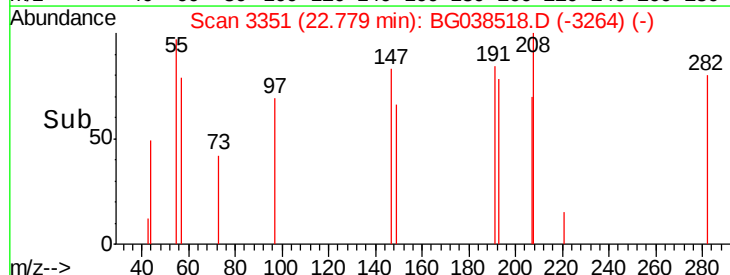
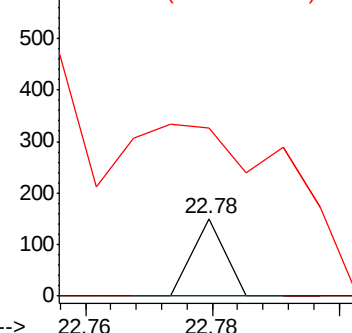


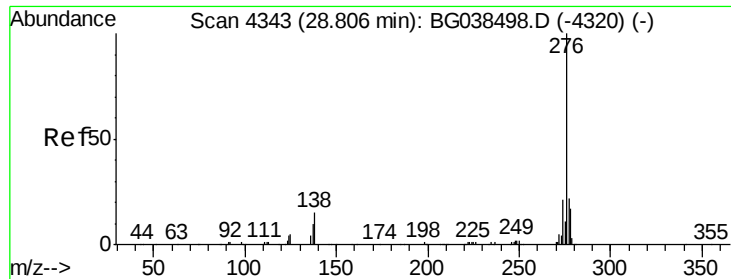
#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.78 min Scan# 3351
 Delta R.T. -0.02 min
 Lab File: BG038518.D
 Acq: 13 Dec 2018 3:57

Tgt Ion:149 Resp: 53
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 9.3 13.9#



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





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.081 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampled :

TP-7

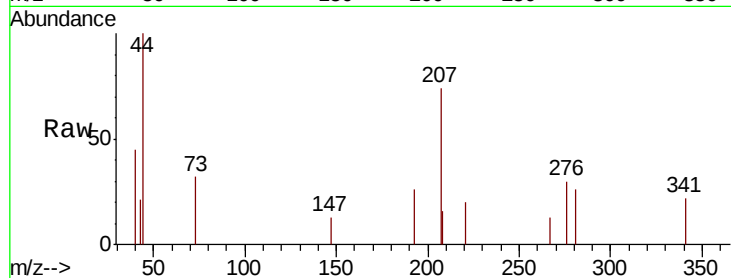
Tgt Ion:276 Resp: 900

Ion Ratio Lower Upper

276 100

138 0.0 14.4 21.6#

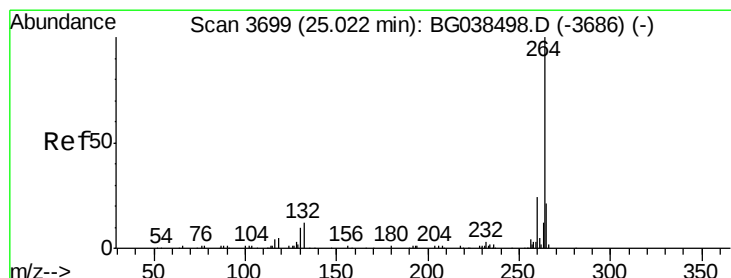
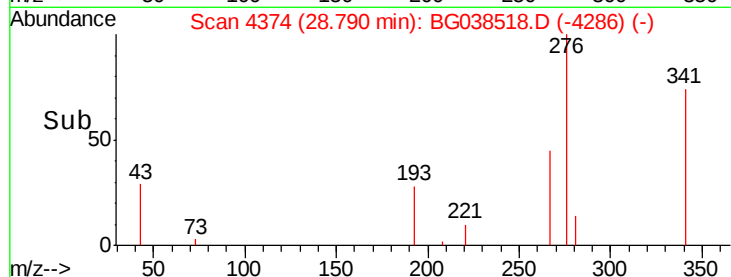
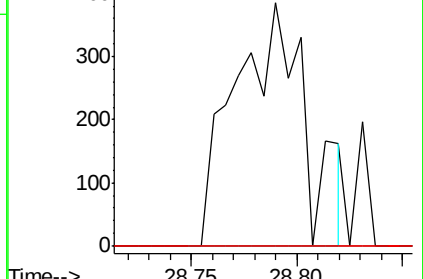
277 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

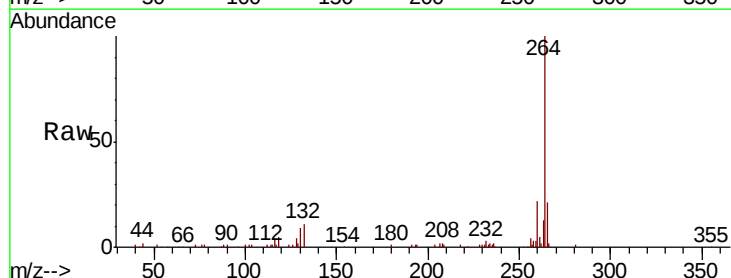
Tgt Ion:264 Resp: 172492

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

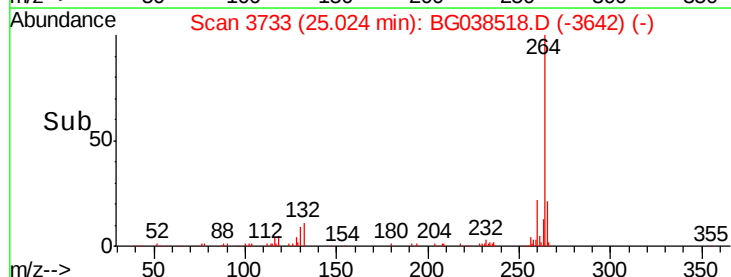
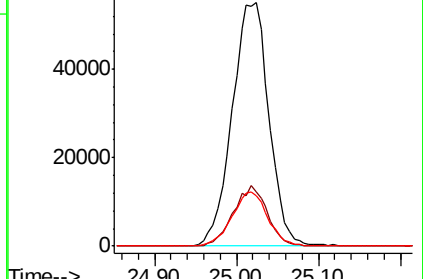
265 20.9 17.0 25.4

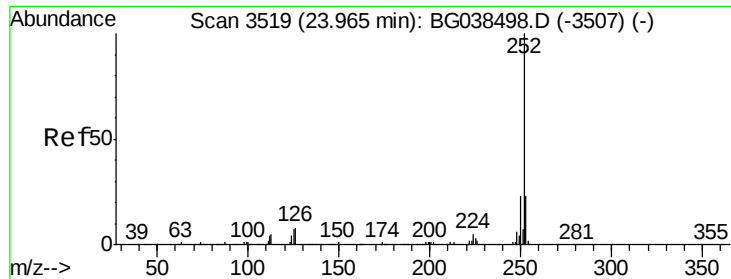


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.244 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

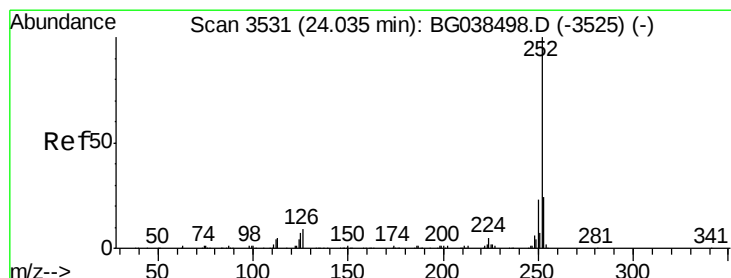
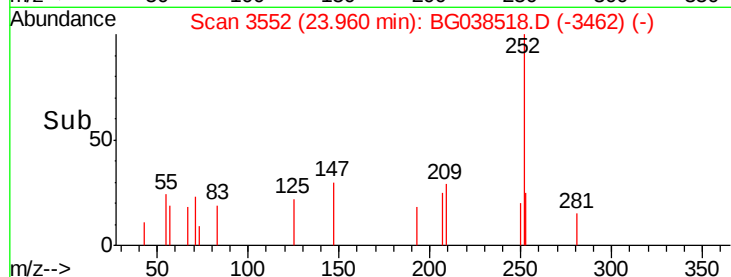
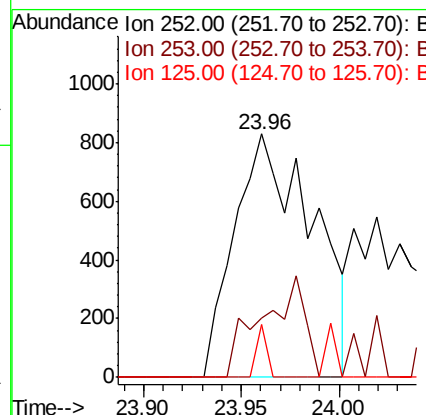
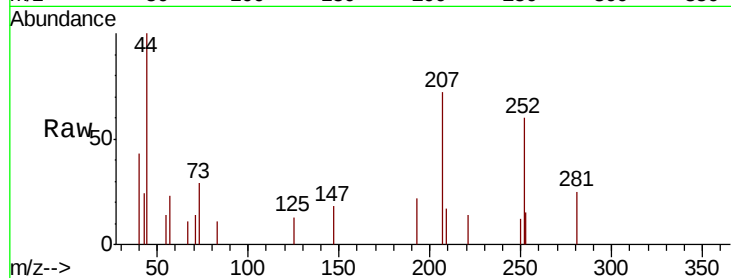
Instrument :

BNA_G

ClientSampleId :

TP-7

Tgt Ion:	252	Resp:	2313
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.1	27.1
125	21.8	5.5	8.3#



#89

Benzo(k)fluoranthene

Concen: 0.245 ng

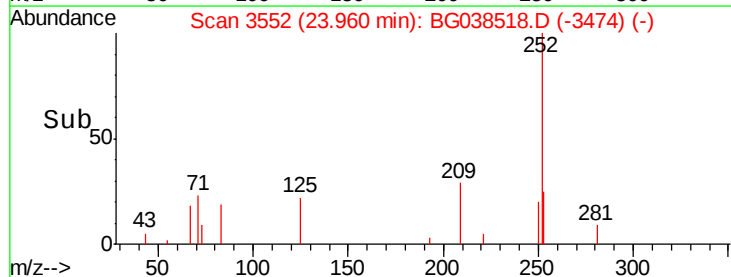
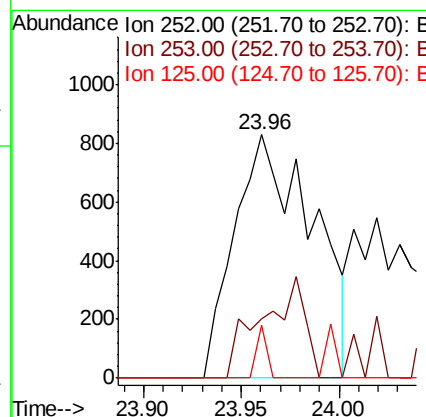
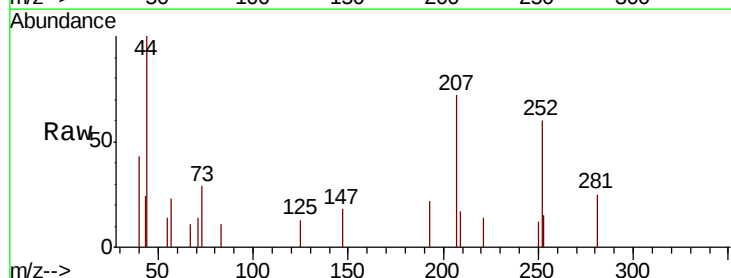
RT: 23.96 min Scan# 3552

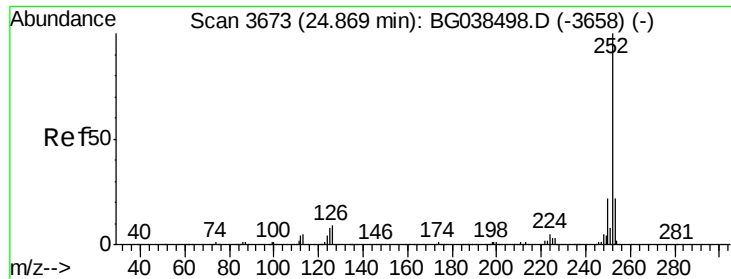
Delta R.T. -0.07 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Tgt Ion:	252	Resp:	2313
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.9	28.3
125	21.8	5.4	8.2#





#90

Benzo(a)pyrene

Concen: 0.174 ng

RT: 24.87 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

Instrument :

BNA_G

ClientSampleId :

TP-7

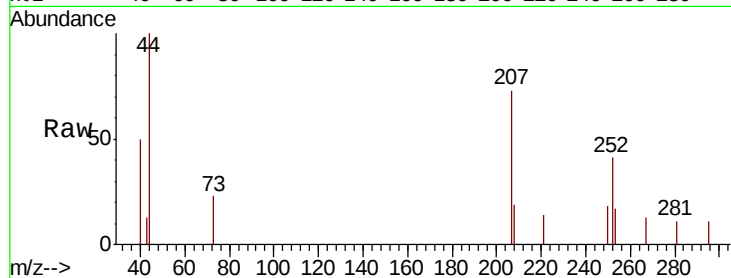
Tgt Ion:252 Resp: 1589

Ion Ratio Lower Upper

252 100

253 42.4 17.4 26.0#

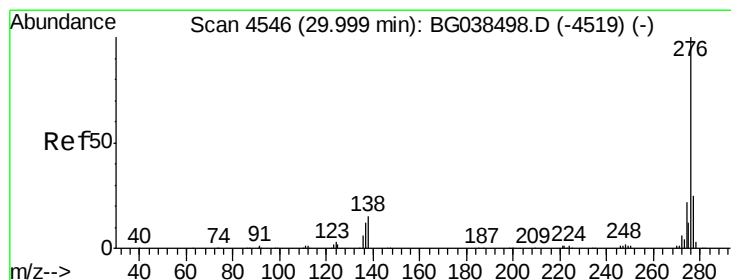
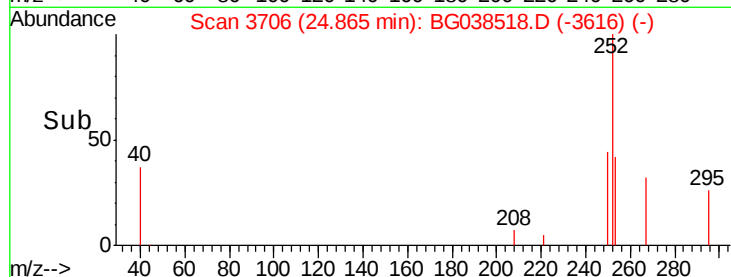
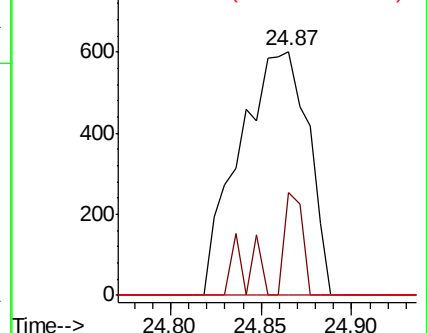
125 0.0 6.4 9.6#



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



#92

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038518.D

Acq: 13 Dec 2018 3:57

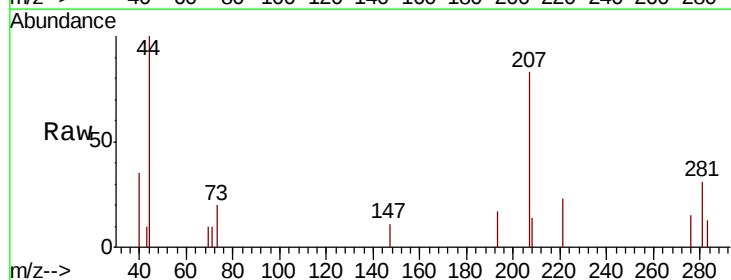
Tgt Ion:276 Resp: 208

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 11.8 17.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

