

Data File : BG038809.D
Acq On : 22 Dec 2018 9:20
Operator : JU/SJ
Sample : J6386-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Quant Time: Dec 24 03:53:28 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	31971	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	131239	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	82465	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	178628	20.00	ng	0.00
76) Chrysene-d12	21.73	240	184796	20.00	ng	0.00
87) Perylene-d12	25.04	264	190079	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	204538	113.47	ng	0.00
7) Phenol-d6	7.22	99	293129	118.46	ng	0.01
23) Nitrobenzene-d5	9.24	82	184965	72.00	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	138977	122.28	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	464172	77.22	ng	0.00
79) Terphenyl-d14	20.04	244	605364	71.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	37552	14.284	ng	92
17) 2-Methylphenol	8.51	107	4129	2.344	ng	90
19) n-Nitroso-di-n-propylamine	9.24	70	25418	14.625	ng	# 66
20) 3+4-Methylphenols	8.83	107	16154	6.641	ng	92
27) 2,4-Dimethylphenol	10.04	122	7174	3.763	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	18363	7.169	ng	98
32) Benzoic acid	10.19	122	373	10.407	ng	# 29
49) Acenaphthylene	14.42	152	19118	2.395	ng	96
50) Dimethylphthalate	14.14	163	26250	3.898	ng	# 98
51) 2,6-Dinitrotoluene	14.69	165	11249	7.371	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9007	4.129	ng	# 1
71) Phenanthrene	17.49	178	93662	10.111	ng	99
72) Anthracene	17.49	178	93662	10.242	ng	99
75) Fluoranthene	19.50	202	77707	6.780	ng	97
78) Pyrene	19.86	202	137729	11.282	ng	98
81) Benzo(a)anthracene	21.71	228	54374	4.829	ng	96
83) Chrysene	21.78	228	58805	5.422	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	32771	2.570	ng	# 67
88) Benzo(b)fluoranthene	23.98	252	67723	6.489	ng	# 94
89) Benzo(k)fluoranthene	23.98	252	67723	6.517	ng	# 93
90) Benzo(a)pyrene	24.88	252	54619	5.425	ng	# 97
92) Benzo(g,h,i)perylene	30.02	276	46103	4.667	ng	98

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

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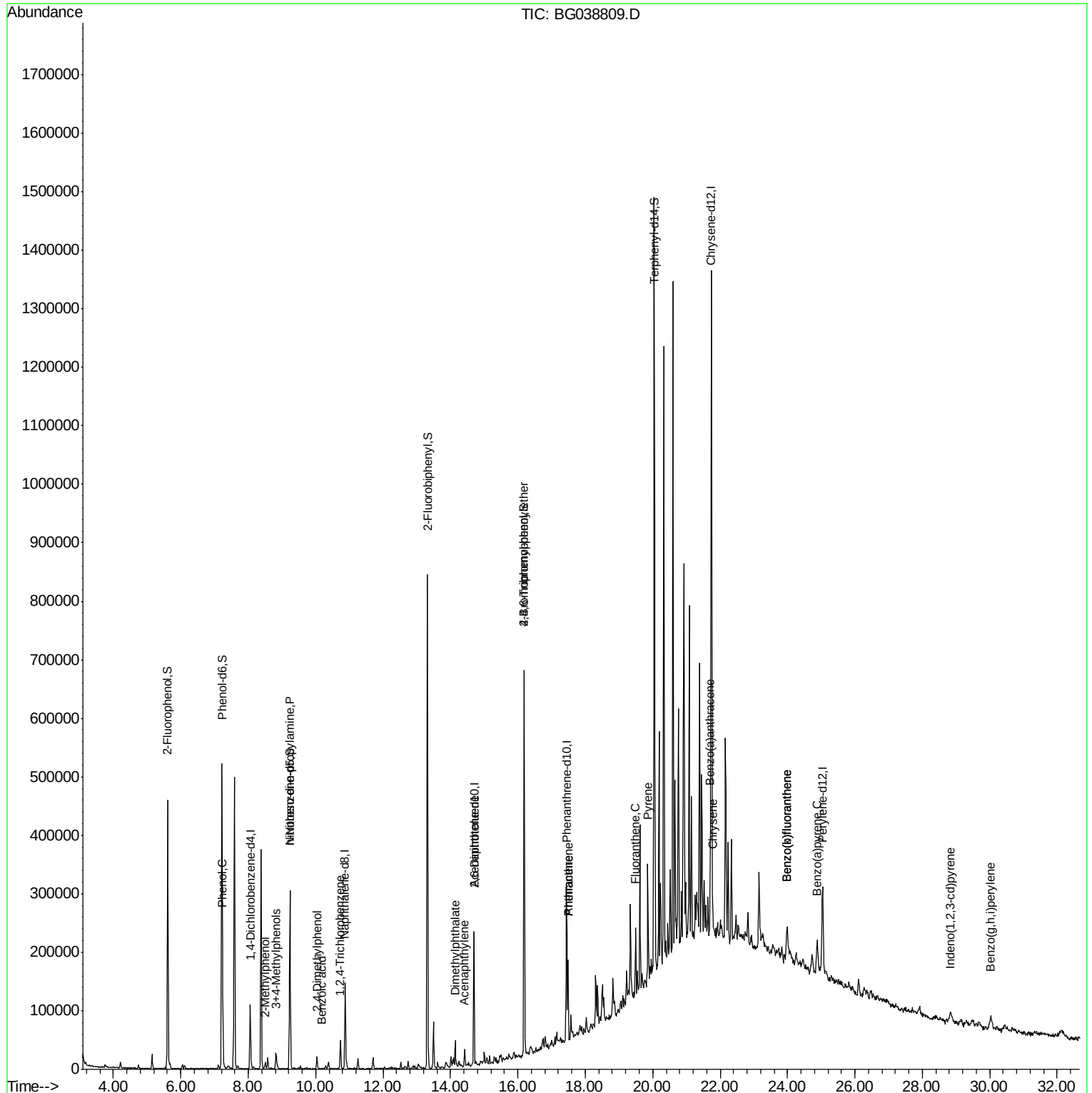
Quant Time: Dec 24 03:53:28 2018

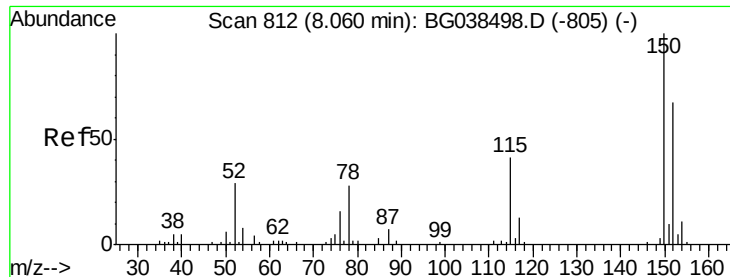
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 12 15:26:27 2018

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

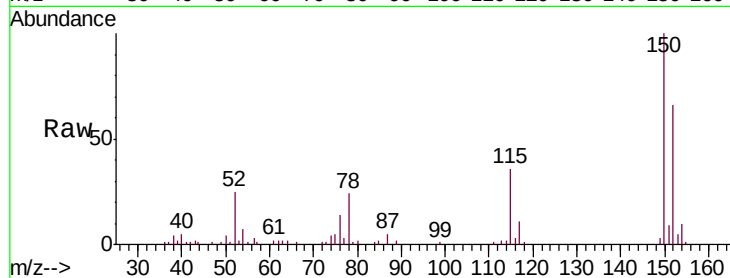
Tgt Ion:152 Resp: 31971

Ion Ratio Lower Upper

152 100

150 151.4 119.5 179.3

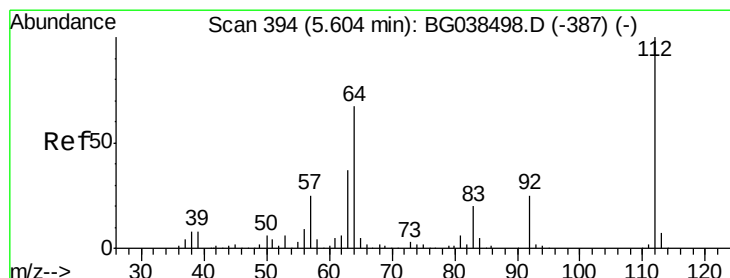
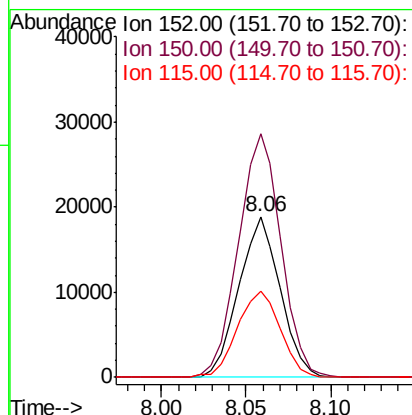
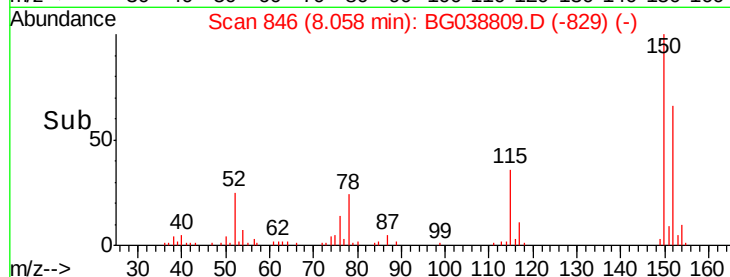
115 53.9 49.6 74.4



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



#5

2-Fluorophenol

Concen: 113.471 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

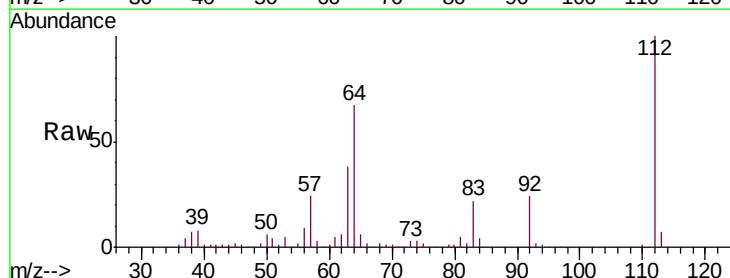
Tgt Ion:112 Resp: 204538

Ion Ratio Lower Upper

112 100

64 67.3 53.4 80.2

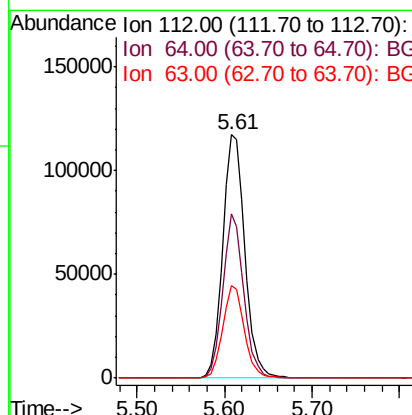
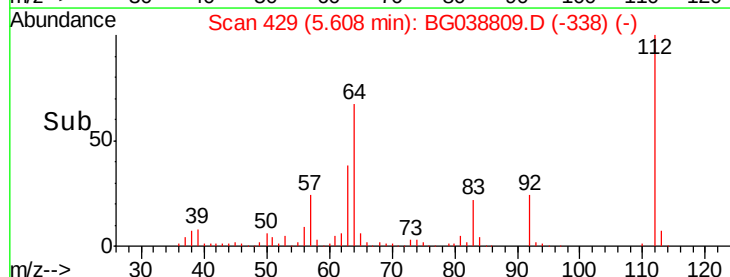
63 37.9 29.3 43.9

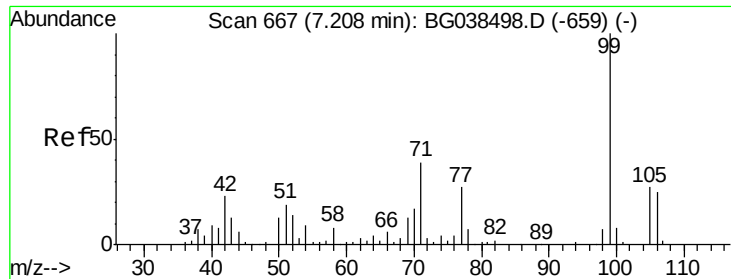


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.457 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

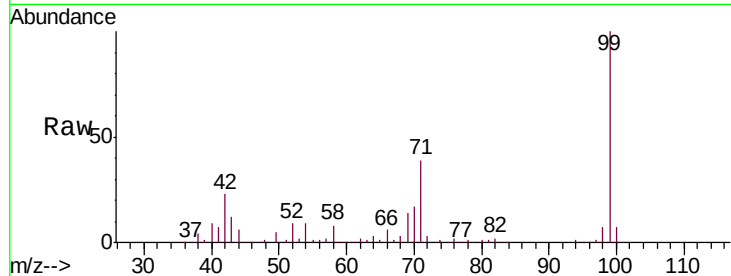
Tgt Ion: 99 Resp: 293129

Ion Ratio Lower Upper

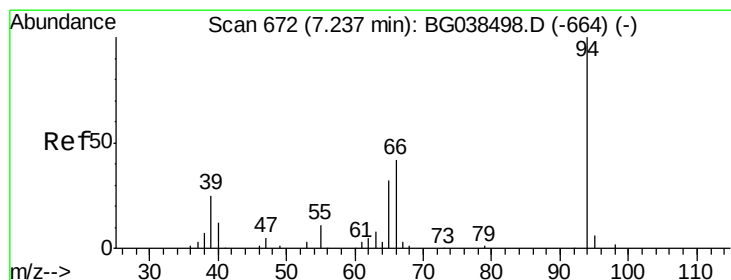
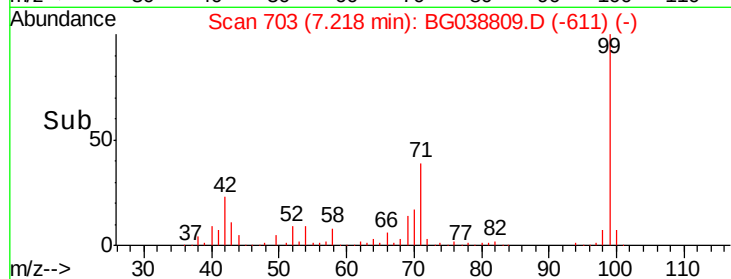
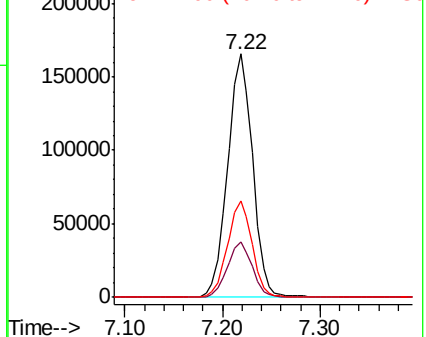
99 100

42 22.6 18.5 27.7

71 39.4 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



#10

Phenol

Concen: 14.284 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

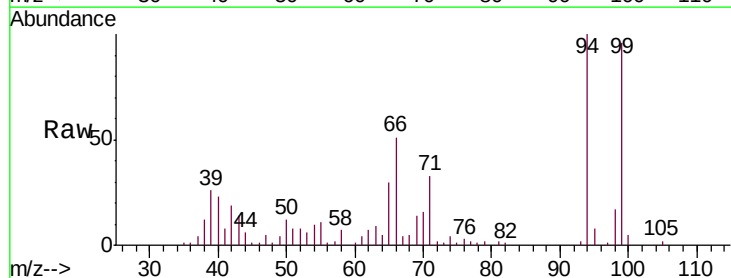
Tgt Ion: 94 Resp: 37552

Ion Ratio Lower Upper

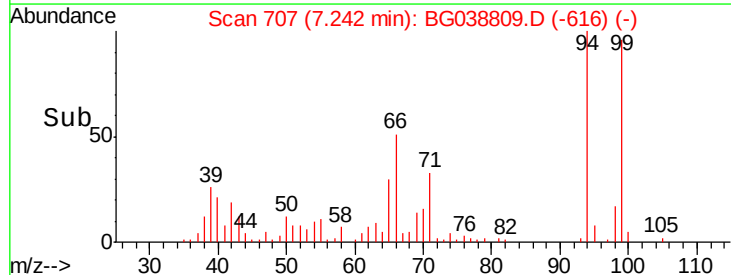
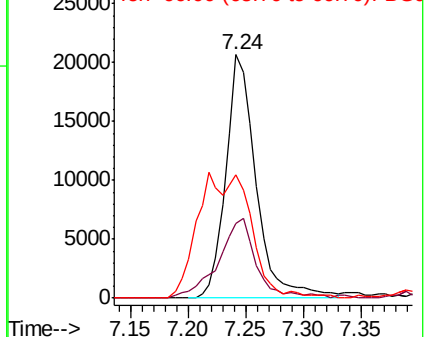
94 100

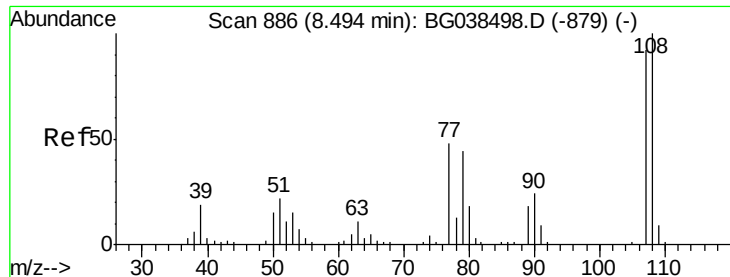
65 30.5 12.6 52.6

66 50.8 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

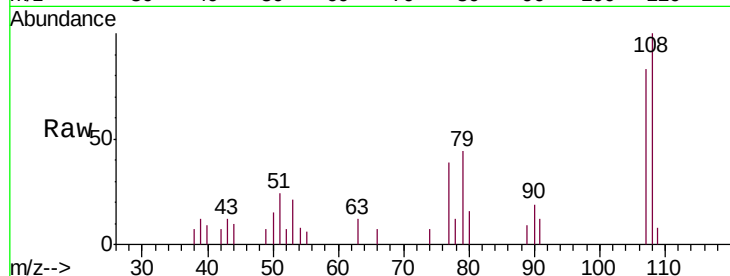




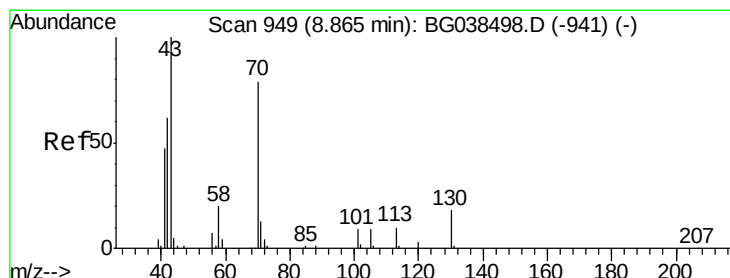
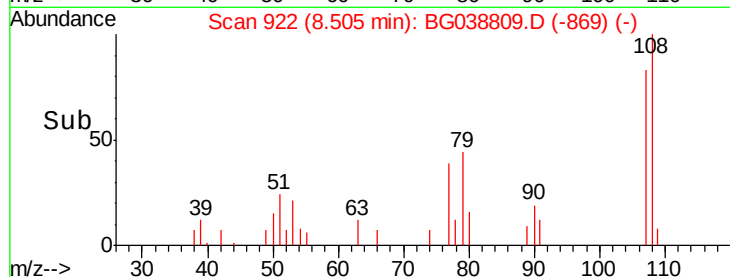
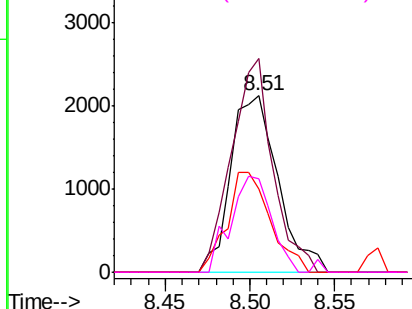
#17
2-Methylphenol
Concen: 2.344 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion: 107 Resp: 4129
Ion Ratio Lower Upper
107 100
108 121.0 87.1 130.7
77 47.1 42.0 63.0
79 53.3 38.2 57.2

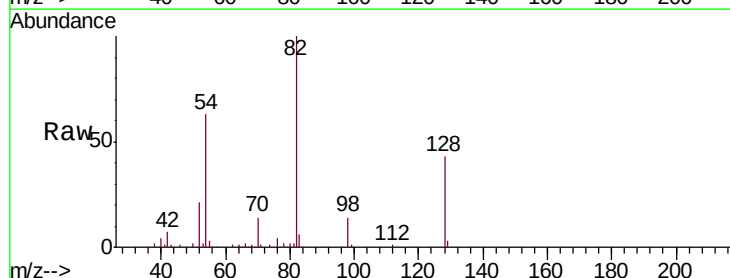


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

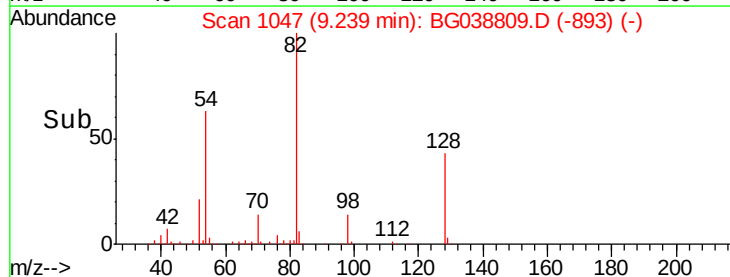
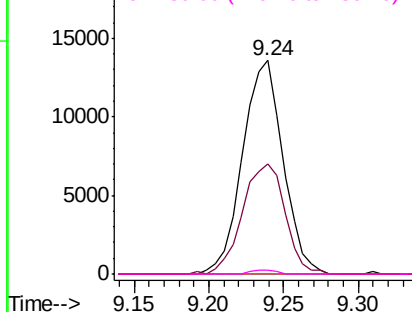


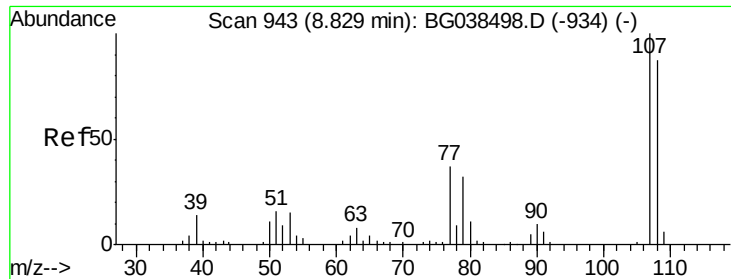
#19
n-Nitroso-di-n-propylamine
Concen: 14.625 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion: 70 Resp: 25418
Ion Ratio Lower Upper
70 100
42 51.3 63.6 95.4#
101 0.0 9.2 13.8#
130 1.7 18.5 27.7#



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

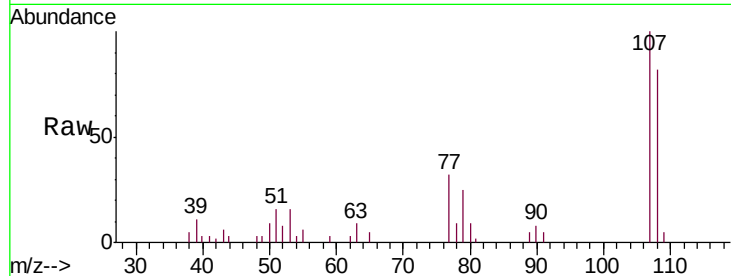




#20
3+4-Methylphenols
Concen: 6.641 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:	107	Resp:	16154
Ion	Ratio	Lower	Upper
107	100		
108	82.0	66.7	106.7
77	32.2	17.3	57.3
79	24.5	12.3	52.3



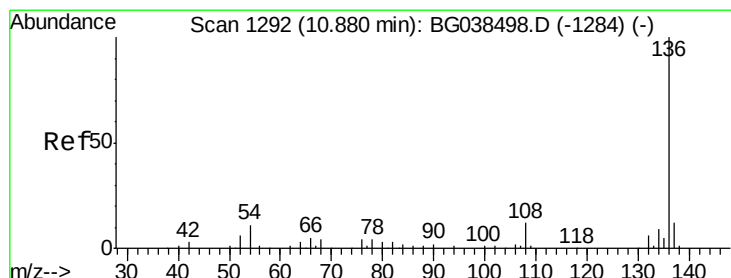
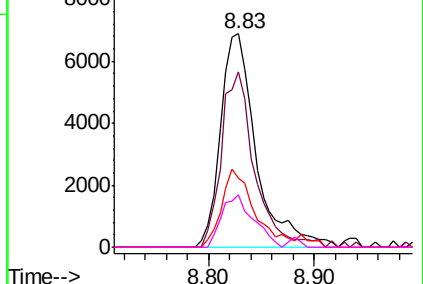
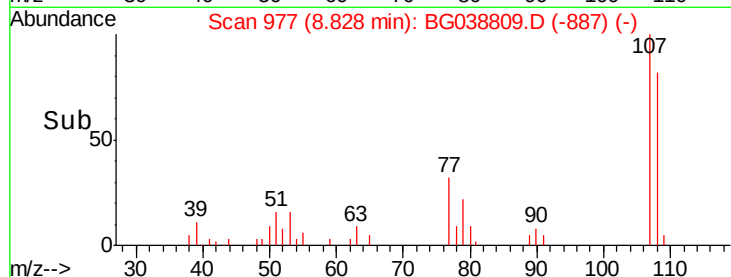
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

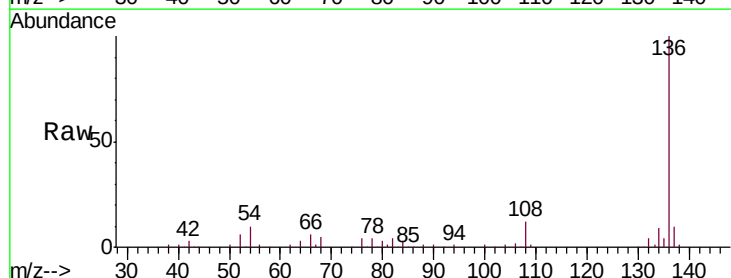
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:	136	Resp:	131239
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.3	13.9
54	9.8	8.5	12.7
68	5.2	3.5	5.3



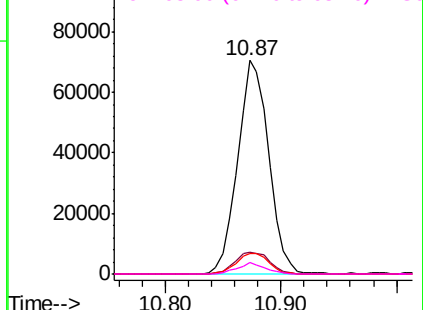
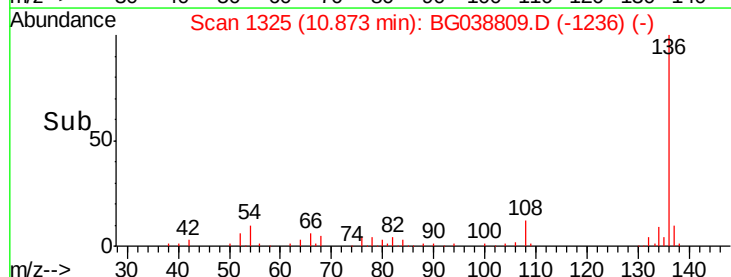
Abundance

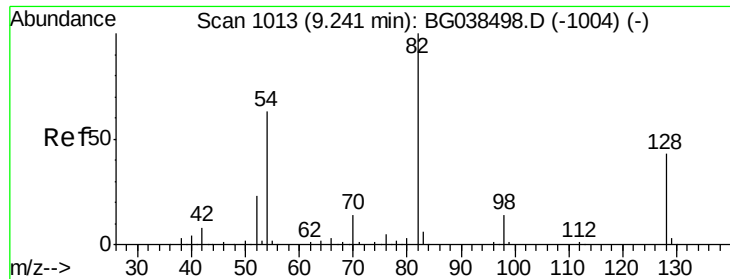
Ion 136.00 (135.70 to 136.70): E

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

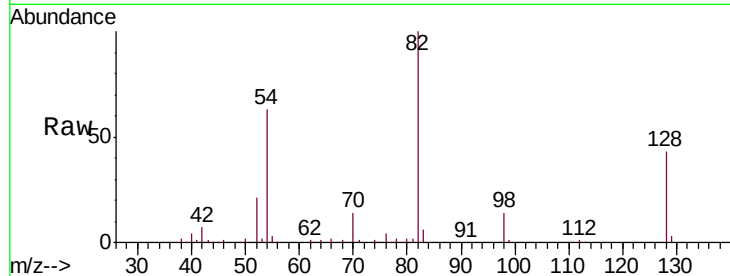




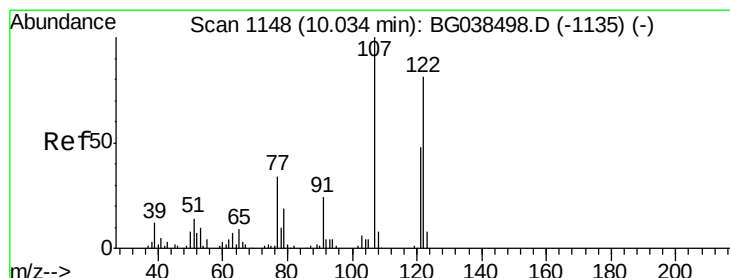
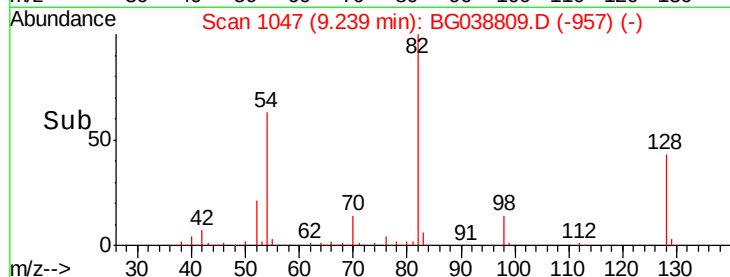
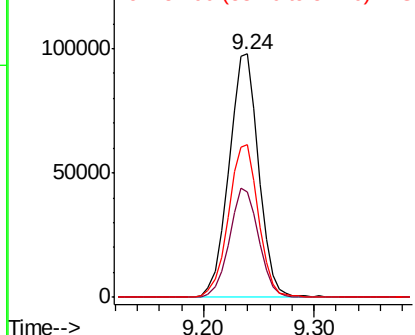
#23
Nitrobenzene-d5
Concen: 72.001 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	62.6	50.6	76.0

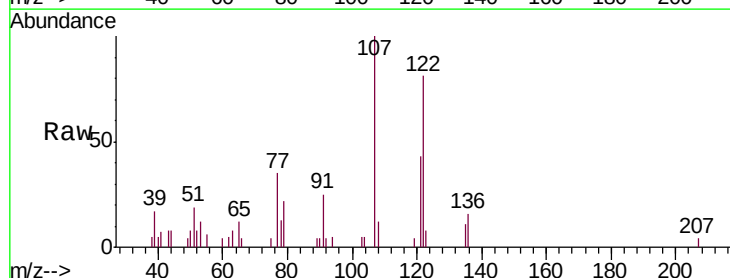


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

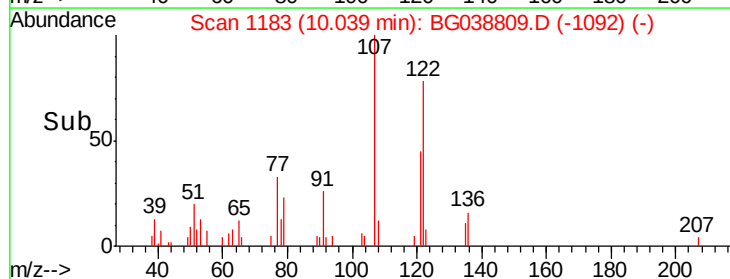
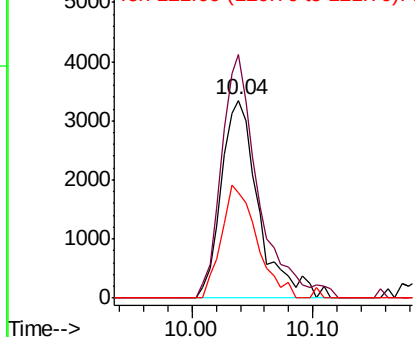


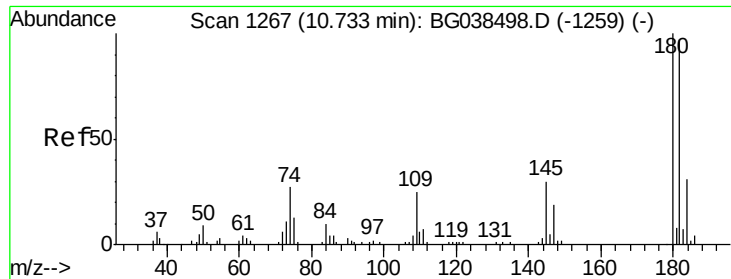
#27
2,4-Dimethylphenol
Concen: 3.763 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.3	98.4	147.6
121	53.2	47.2	70.8



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

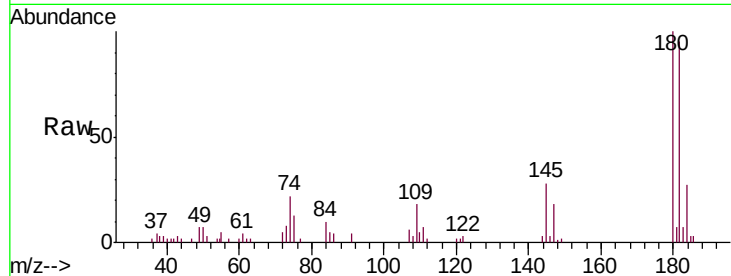




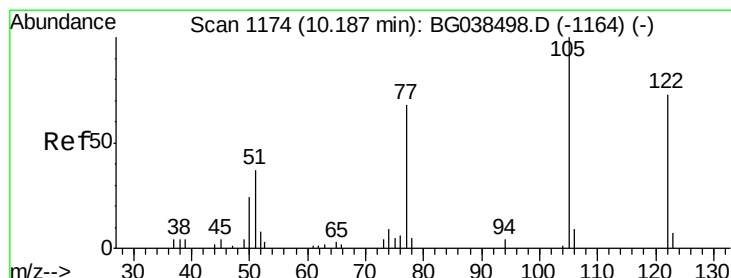
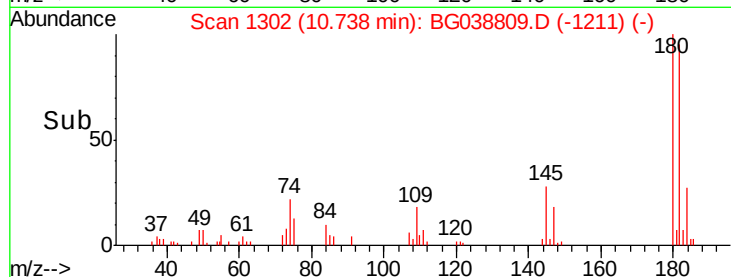
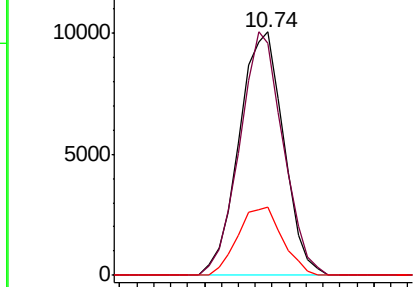
#30
 1,2,4-Trichlorobenzene
 Concen: 7.169 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038809.D
 Acq: 22 Dec 2018 9:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS007-1218-01

Tgt Ion:180 Resp: 18363
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.0
 145 28.1 24.1 36.1

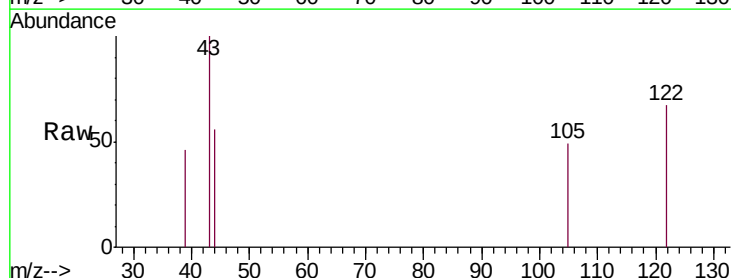


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

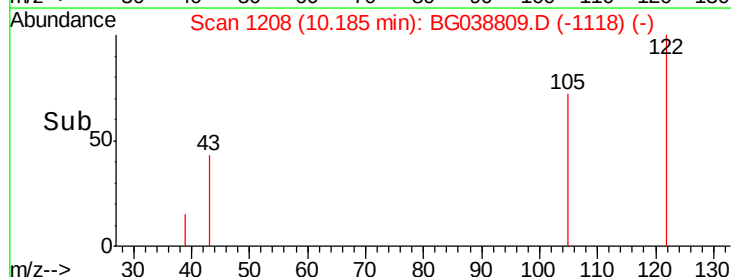
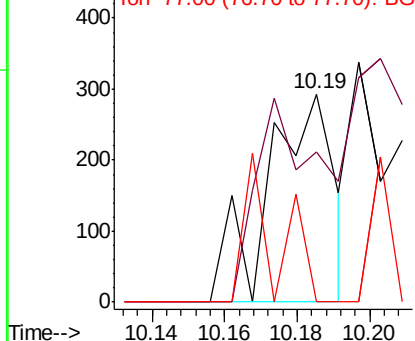


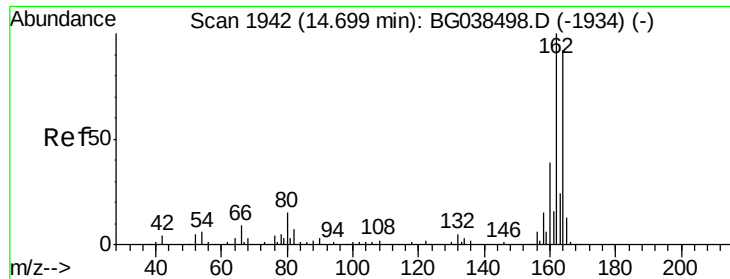
#32
 Benzoic acid
 Concen: 10.407 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG038809.D
 Acq: 22 Dec 2018 9:20

Tgt Ion:122 Resp: 373
 Ion Ratio Lower Upper
 122 100
 105 72.0 116.7 156.7#
 77 0.0 72.5 112.5#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

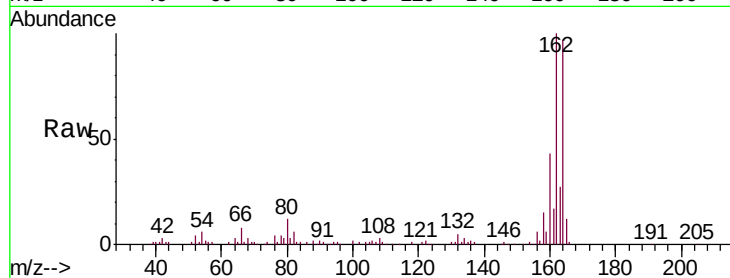
Tgt Ion:164 Resp: 82465

Ion Ratio Lower Upper

164 100

162 103.6 86.6 130.0

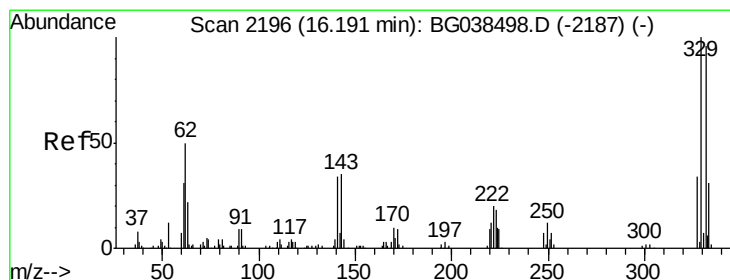
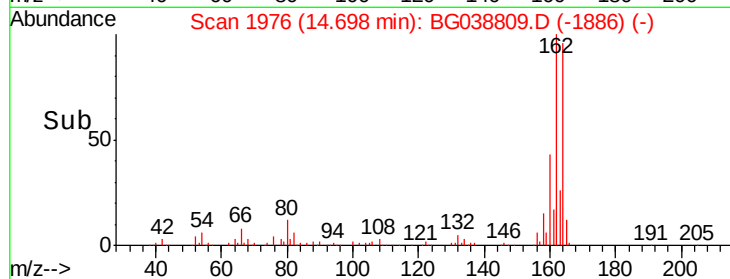
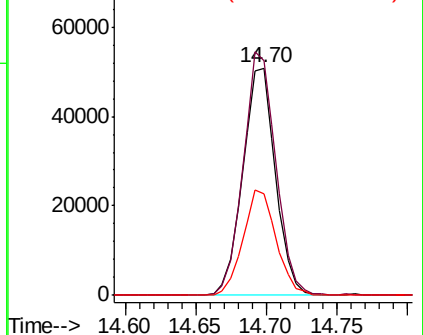
160 44.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 122.283 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

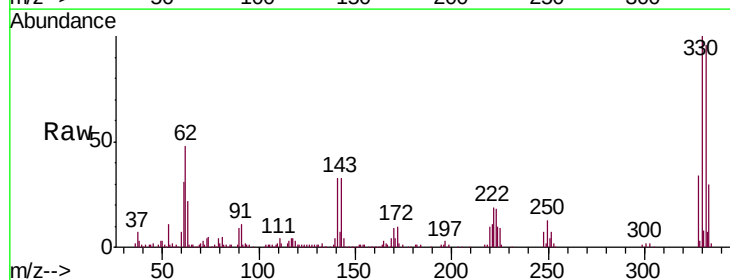
Tgt Ion:330 Resp: 138977

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

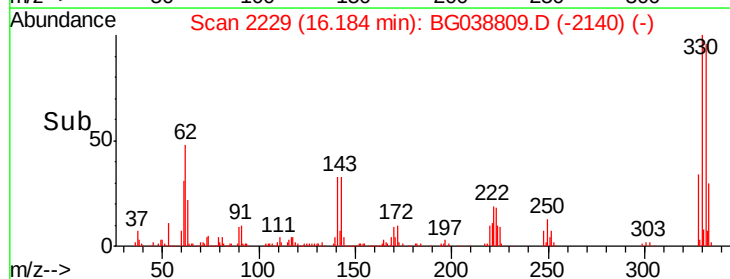
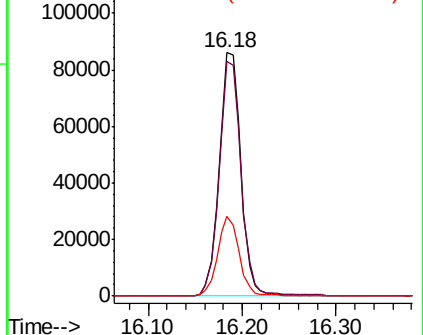
141 31.7 28.8 43.2

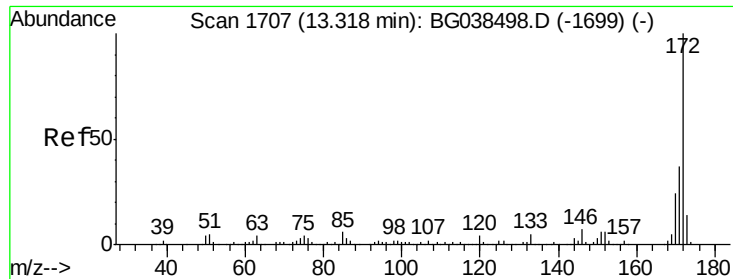


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

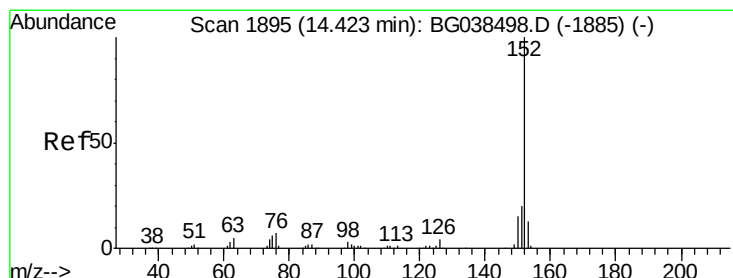
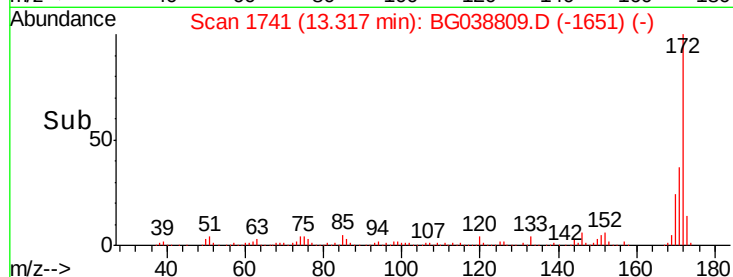
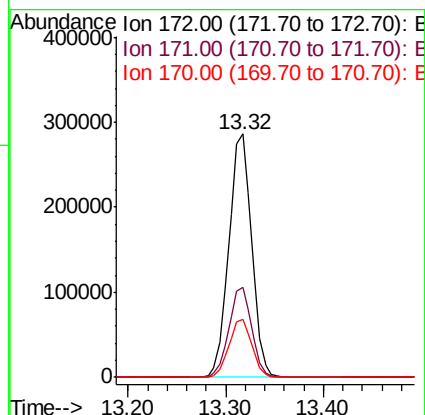
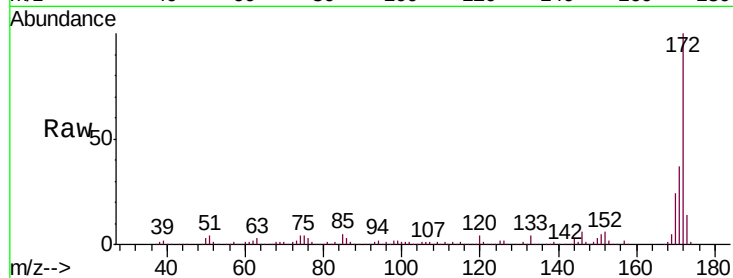




#45
 2-Fluorobiphenyl
 Concen: 77.217 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038809.D
 Acq: 22 Dec 2018 9:20

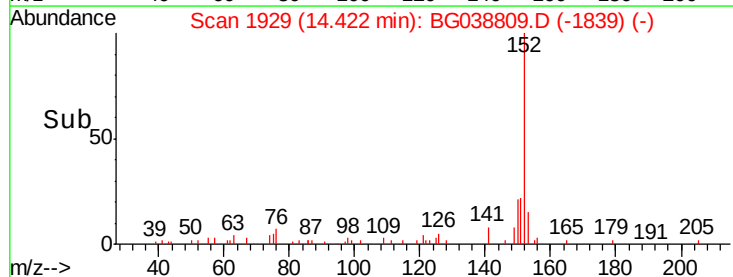
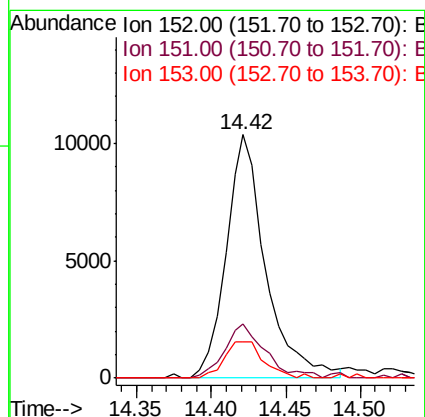
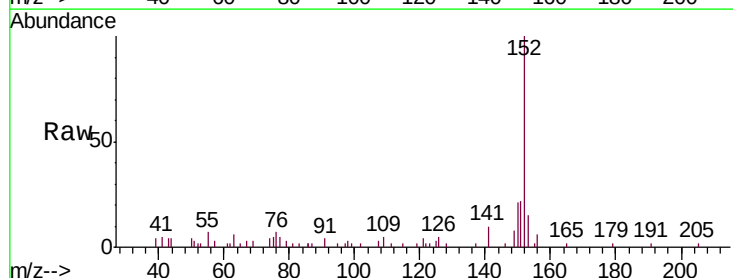
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS007-1218-01

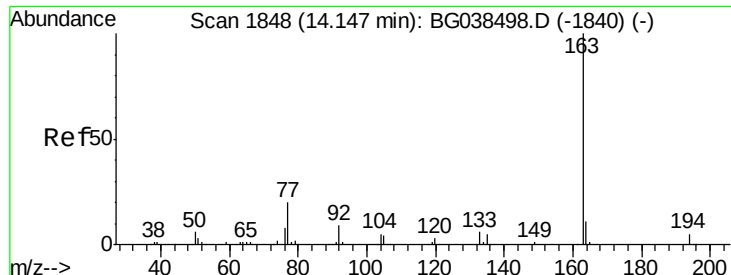
Tgt Ion:	172	Resp:	464172
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.1	19.5	29.3



#49
 Acenaphthylene
 Concen: 2.395 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BG038809.D
 Acq: 22 Dec 2018 9:20

Tgt Ion:	152	Resp:	19118
Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.4	24.6
153	14.9	10.4	15.6

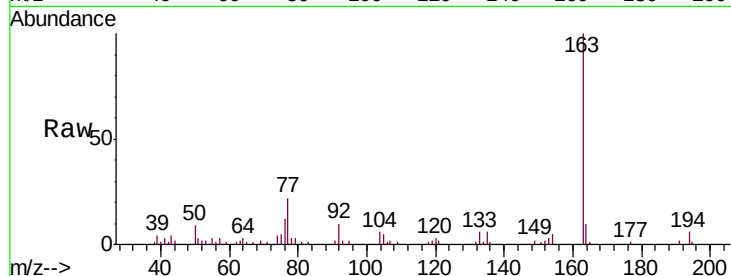




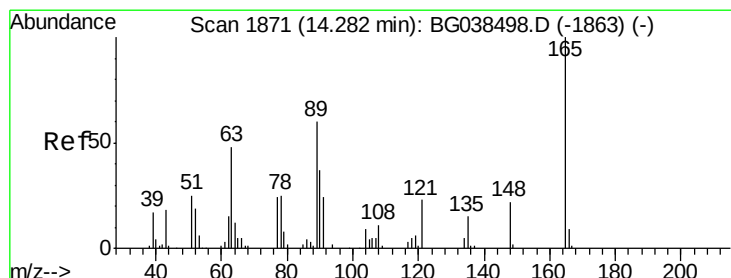
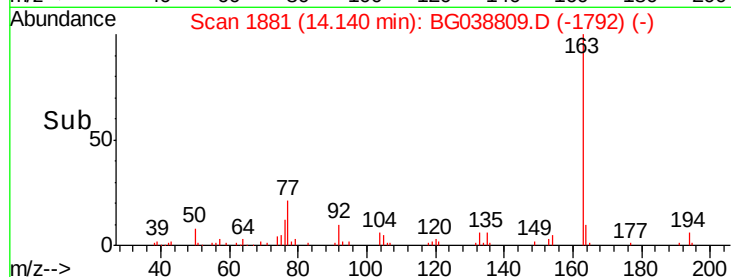
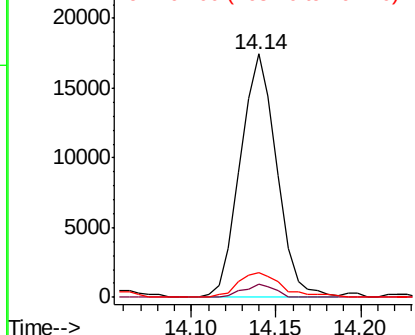
#50
Dimethylphthalate
Concen: 3.898 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:163 Resp: 26250
Ion Ratio Lower Upper
163 100
194 5.7 3.7 5.5#
164 10.1 8.6 12.8

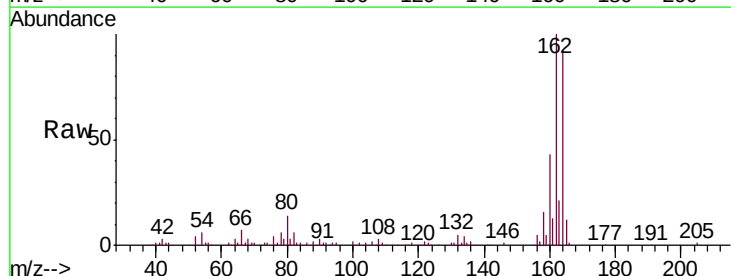


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

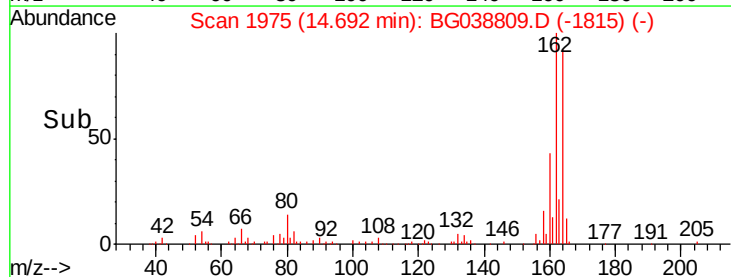
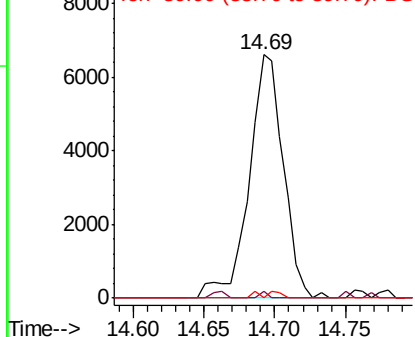


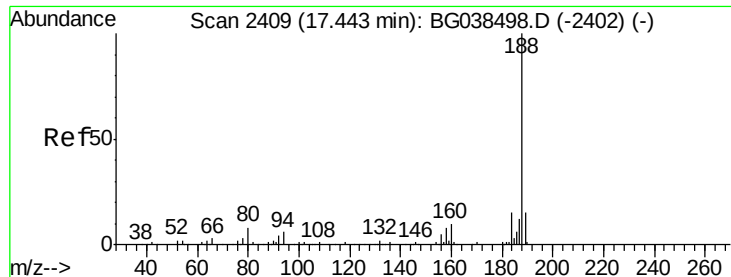
#51
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:165 Resp: 11249
Ion Ratio Lower Upper
165 100
63 2.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

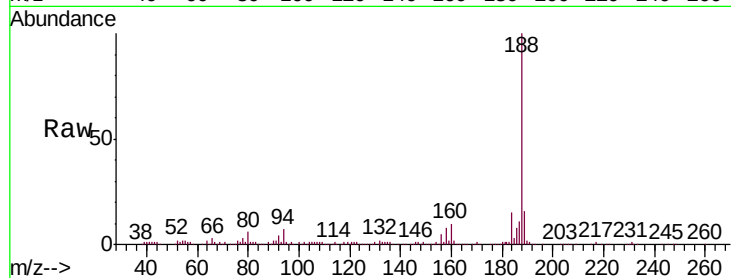
Tgt Ion:188 Resp: 178628

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

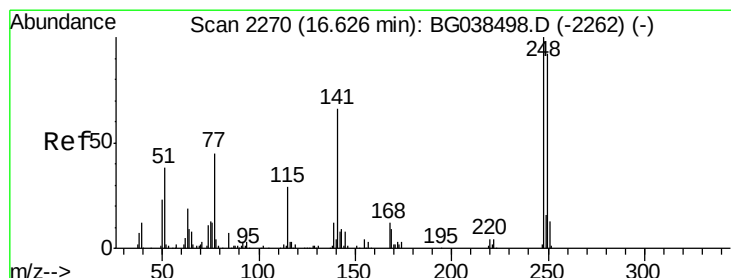
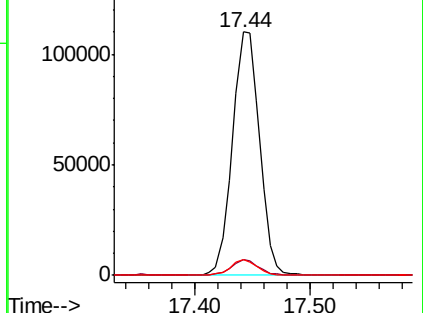
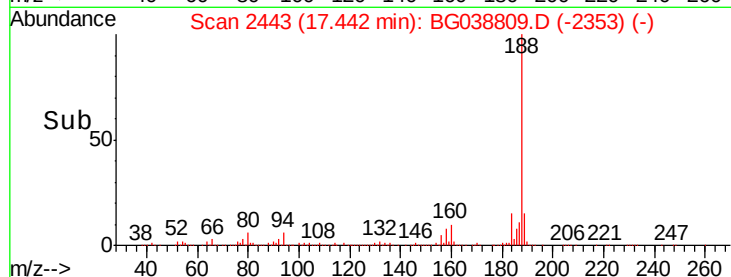
80 6.3 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 4.129 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

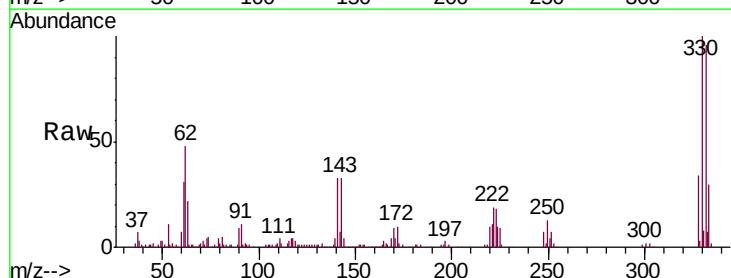
Tgt Ion:248 Resp: 9007

Ion Ratio Lower Upper

248 100

250 180.9 73.4 110.2#

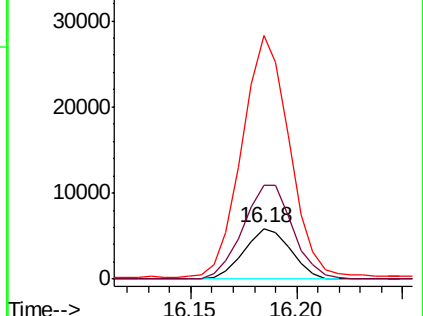
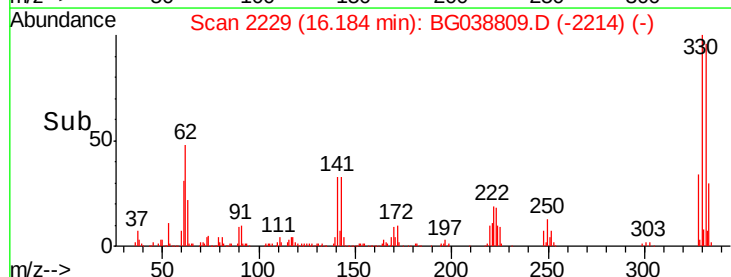
141 354.0 52.9 79.3#

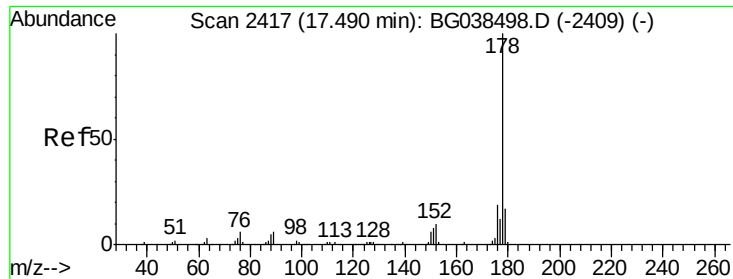


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

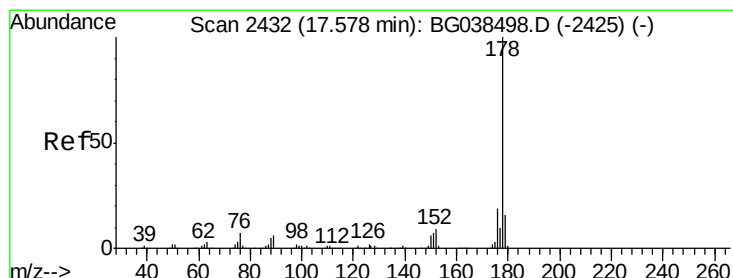
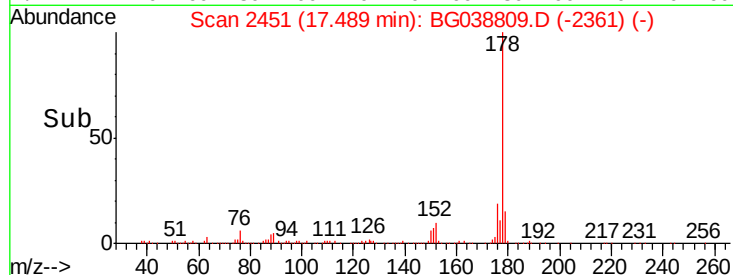
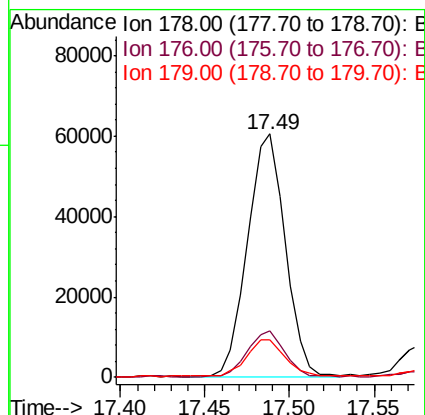
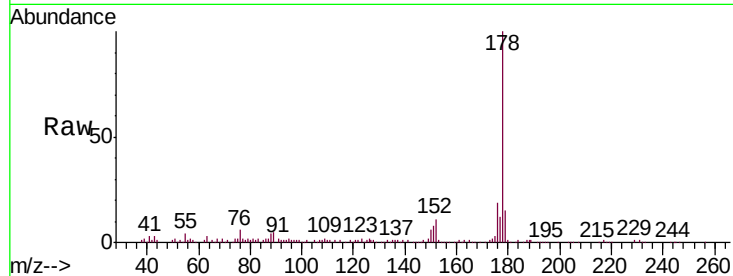




#71
Phenanthrene
Concen: 10.111 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

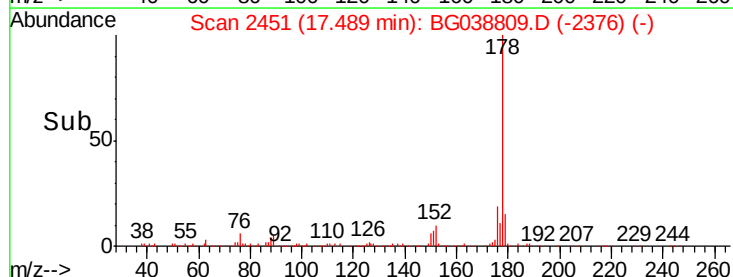
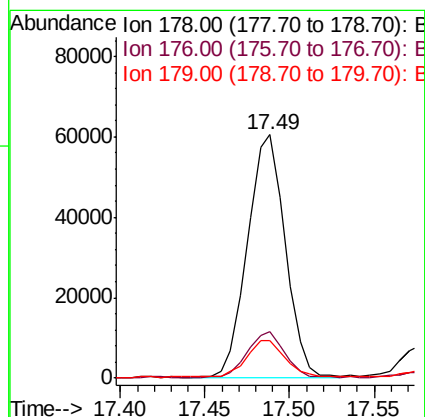
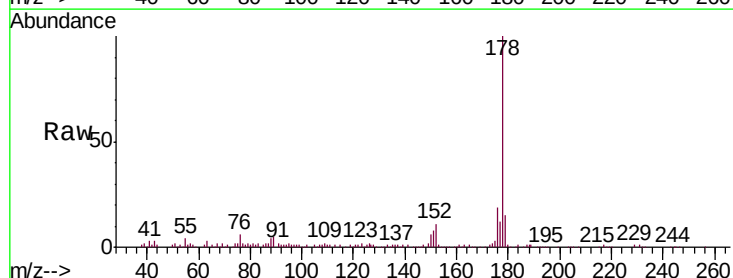
Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

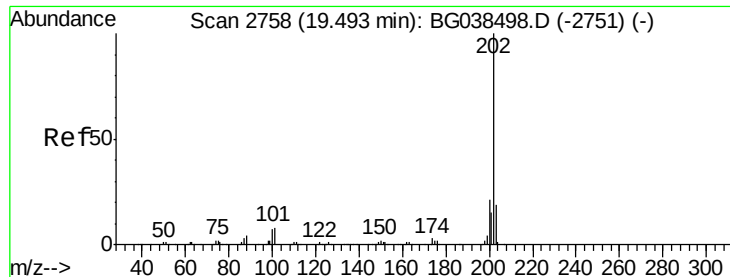
Tgt Ion:178 Resp: 93662
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 13.2 19.8



#72
Anthracene
Concen: 10.242 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.09 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:178 Resp: 93662
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.9 19.3





#75

Fluoranthene

Concen: 6.780 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

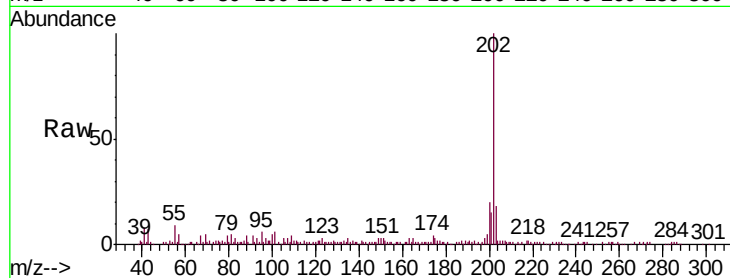
Tgt Ion:202 Resp: 77707

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.1

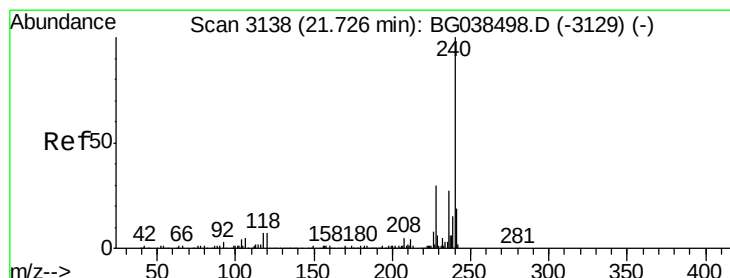
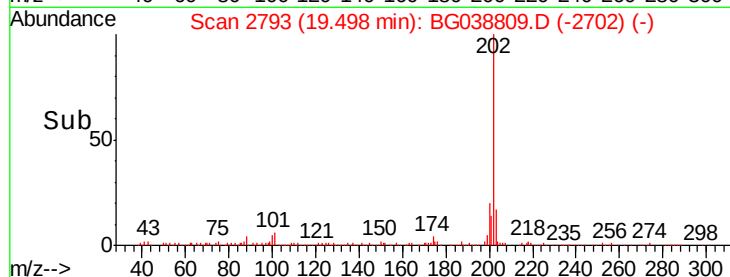
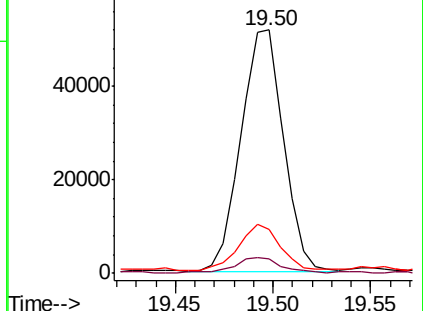
203 18.2 0.0 39.0



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: 21.73 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

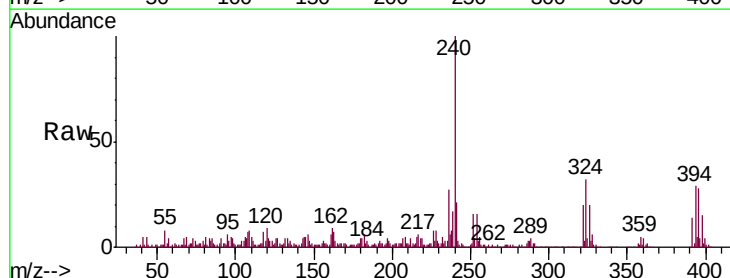
Tgt Ion:240 Resp: 184796

Ion Ratio Lower Upper

240 100

120 8.6 5.3 7.9#

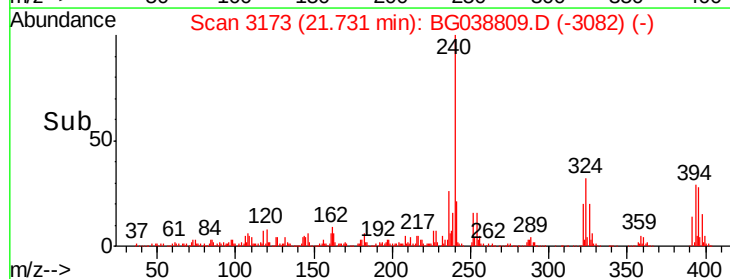
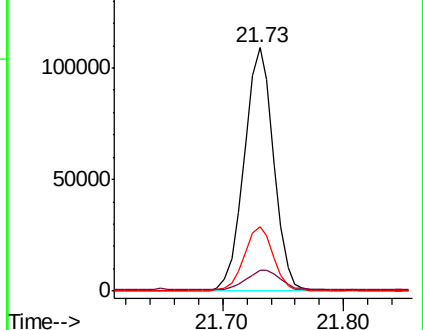
236 26.6 21.4 32.2

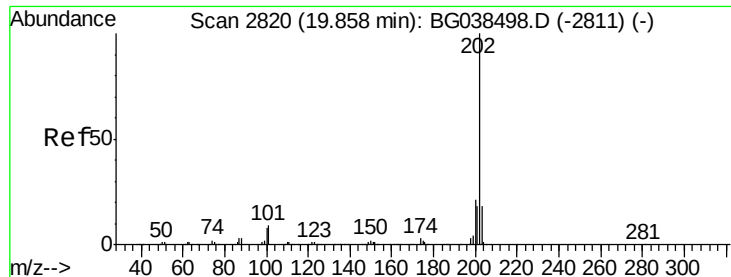


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 11.282 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

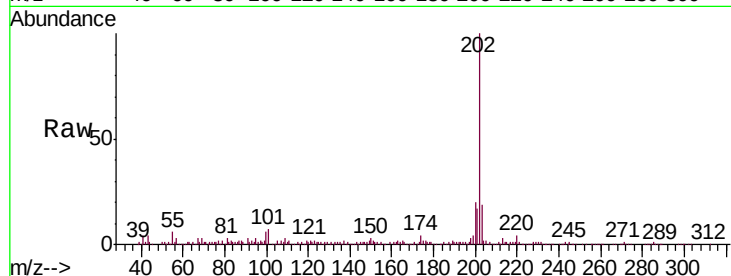
Tgt Ion:202 Resp: 137729

Ion Ratio Lower Upper

202 100

200 19.8 16.6 25.0

203 18.8 14.6 21.8

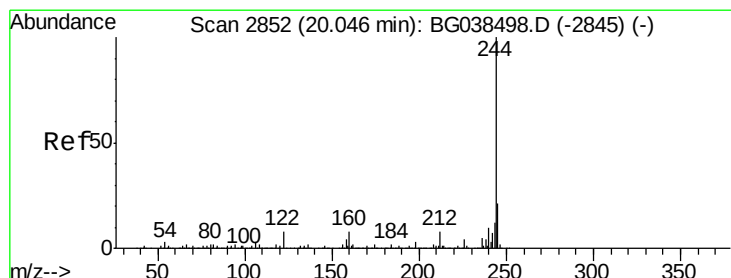
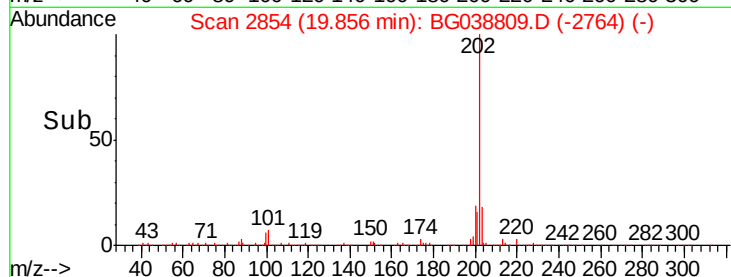
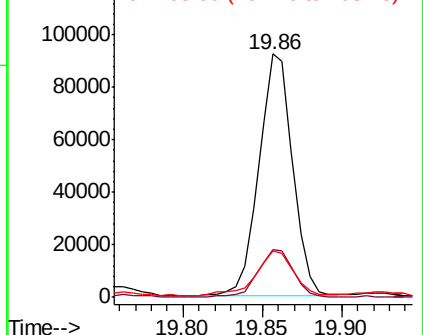


Abundance

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: 71.293 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

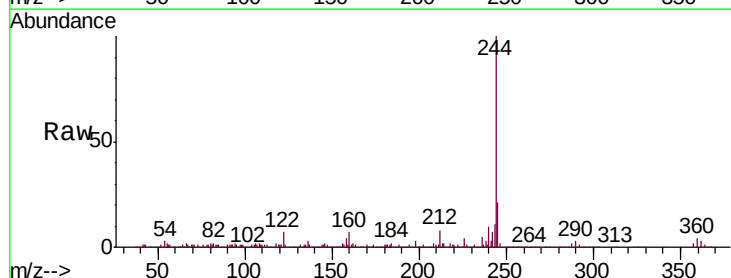
Tgt Ion:244 Resp: 605364

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.0 6.3 9.5

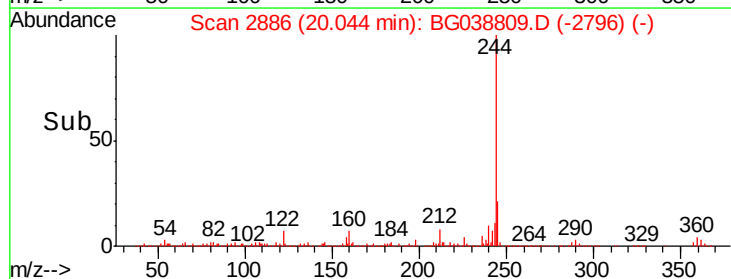
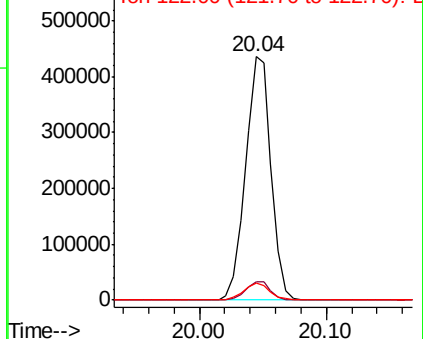


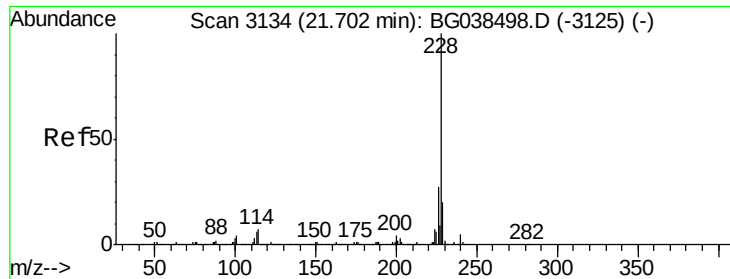
Abundance

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

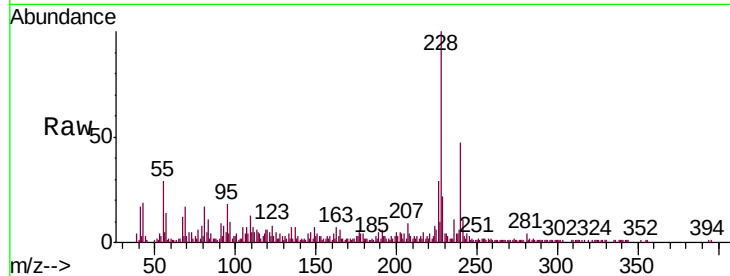




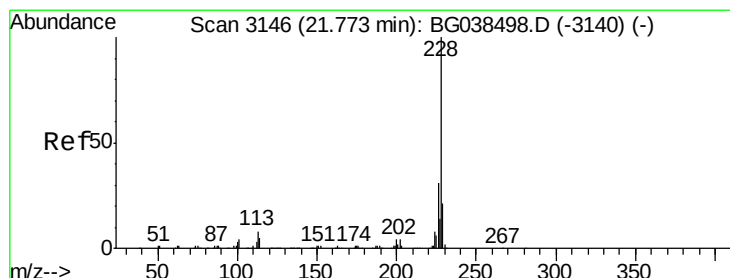
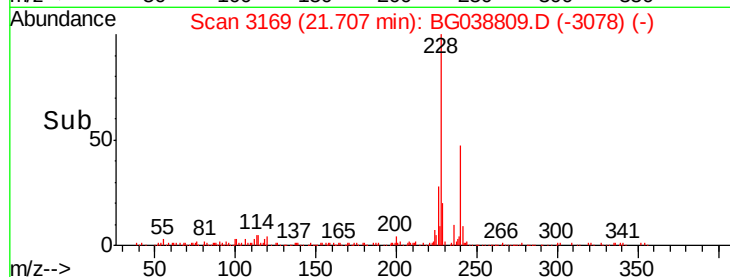
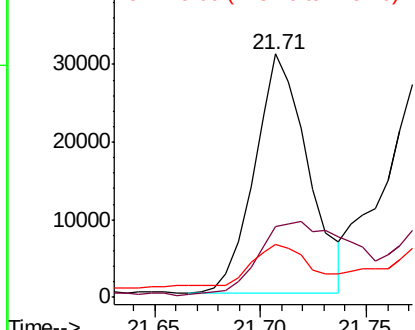
#81
Benzo(a)anthracene
Concen: 4.829 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion: 228 Resp: 54374
Ion Ratio Lower Upper
228 100
226 29.0 21.8 32.8
229 22.0 15.8 23.6

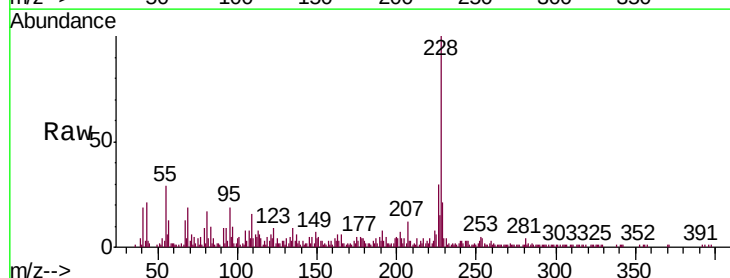


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

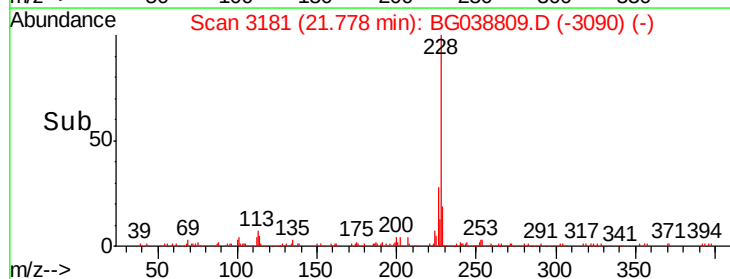
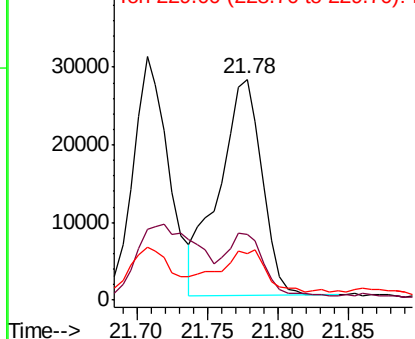


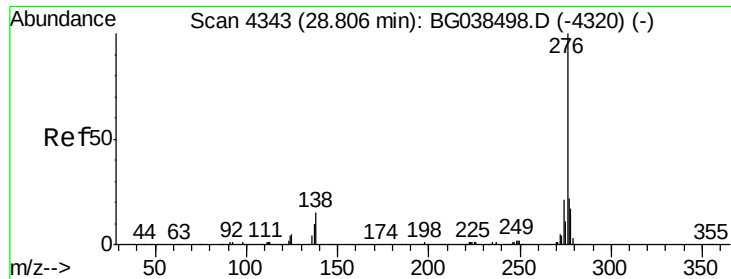
#83
Chrysene
Concen: 5.422 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion: 228 Resp: 58805
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.4
229 21.3 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





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.570 ng

RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

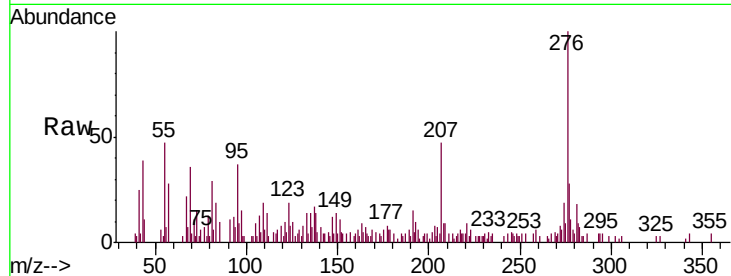
Tgt Ion:276 Resp: 32771

Ion Ratio Lower Upper

276 100

138 3.3 14.4 21.6#

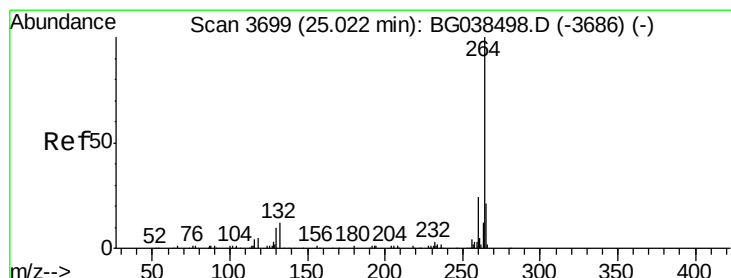
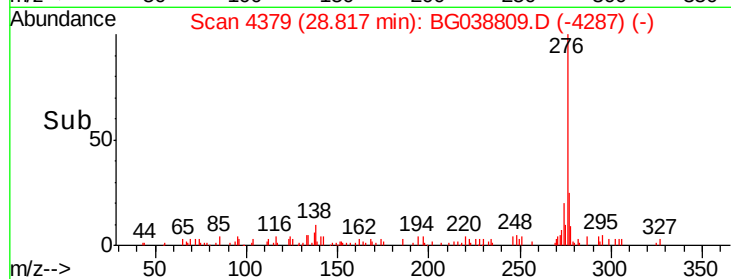
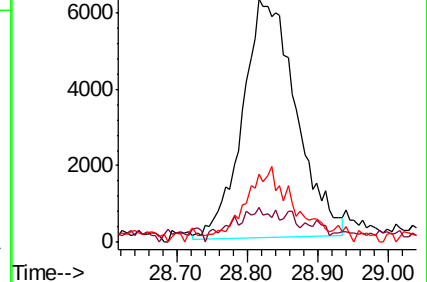
277 22.9 0.0 0.0#



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: 25.04 min Scan# 3736

Delta R.T. 0.02 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

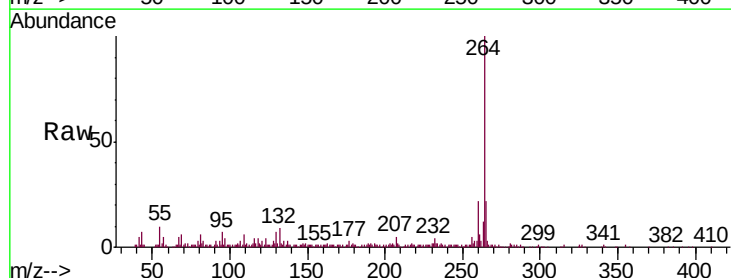
Tgt Ion:264 Resp: 190079

Ion Ratio Lower Upper

264 100

260 21.5 18.9 28.3

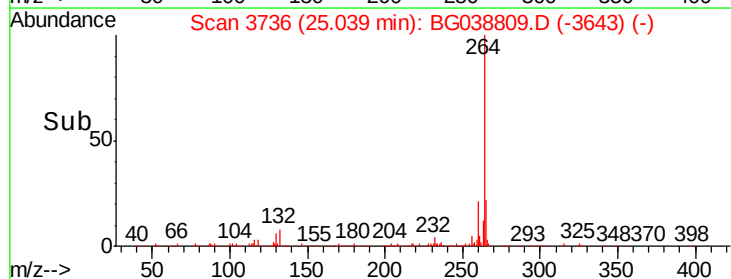
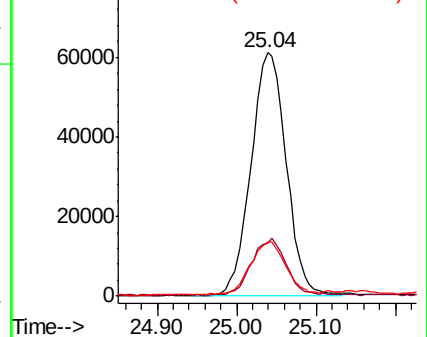
265 22.0 17.0 25.4

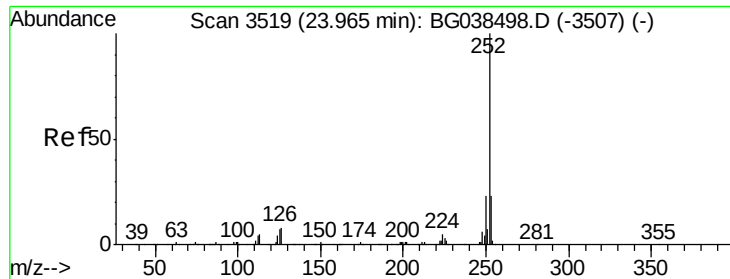


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 6.489 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.02 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

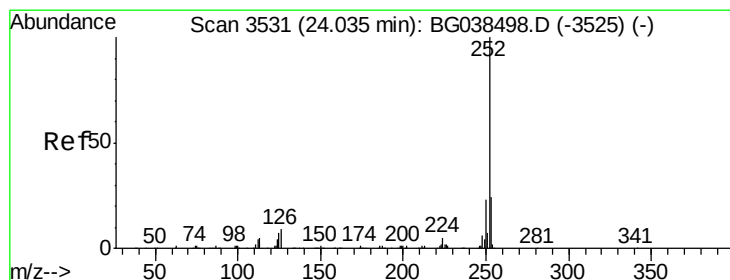
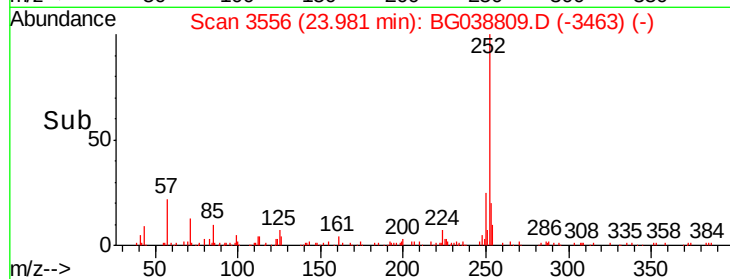
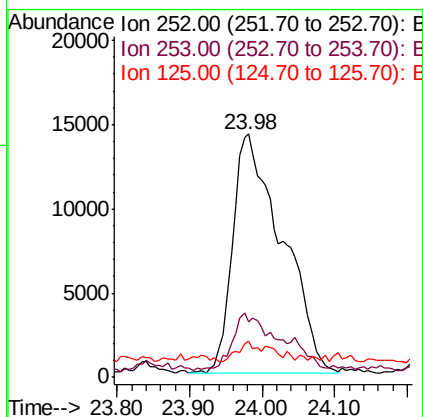
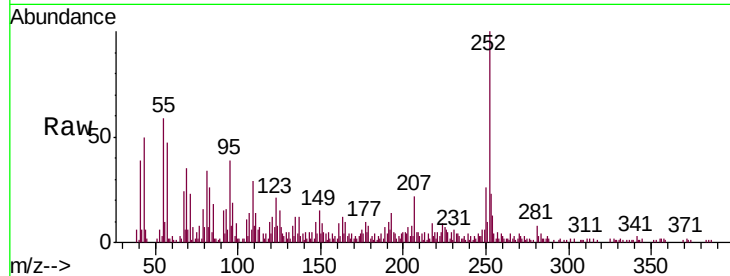
Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

Tgt Ion:	252	Resp:	67723
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	15.1	5.5	8.3#



#89

Benzo(k)fluoranthene

Concen: 6.517 ng

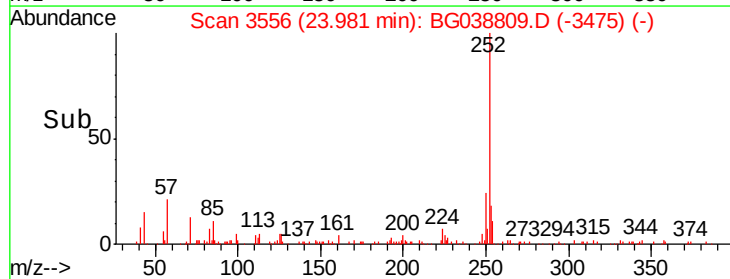
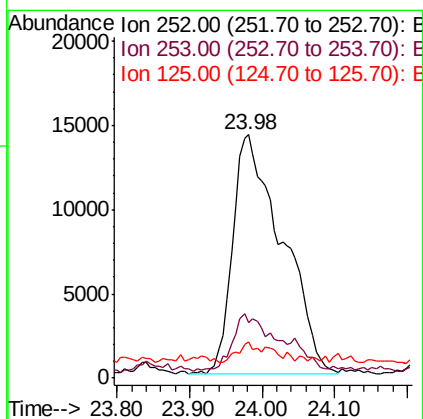
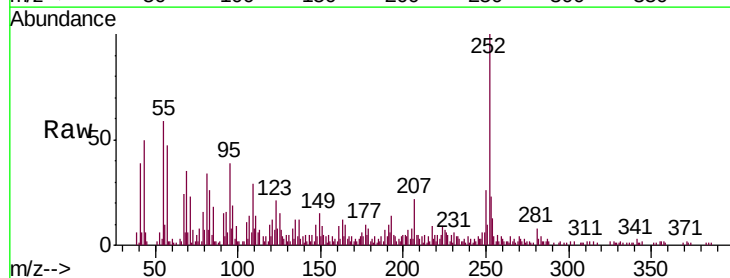
RT: 23.98 min Scan# 3556

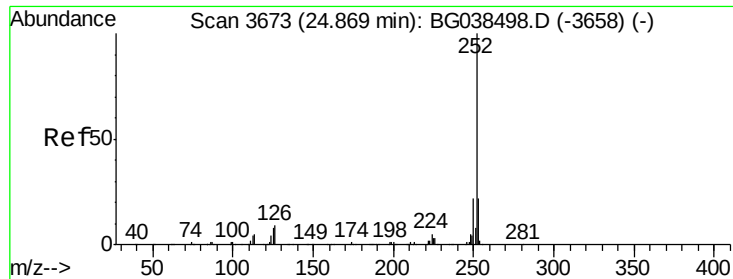
Delta R.T. -0.05 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Tgt Ion:	252	Resp:	67723
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.9	28.3
125	15.1	5.4	8.2#





#90

Benzo(a)pyrene

Concen: 5.425 ng

RT: 24.88 min Scan# 3709

Delta R.T. 0.01 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

Instrument :

BNA_G

ClientSampleId :

P001-SS007-1218-01

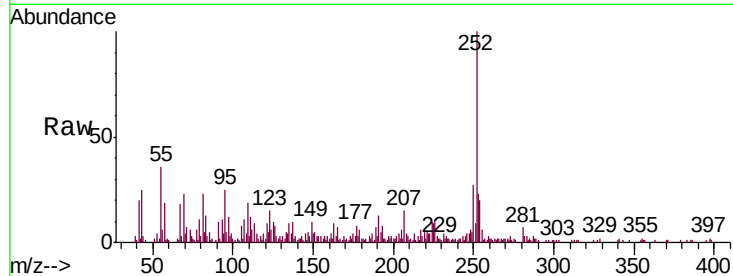
Tgt Ion:252 Resp: 54619

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

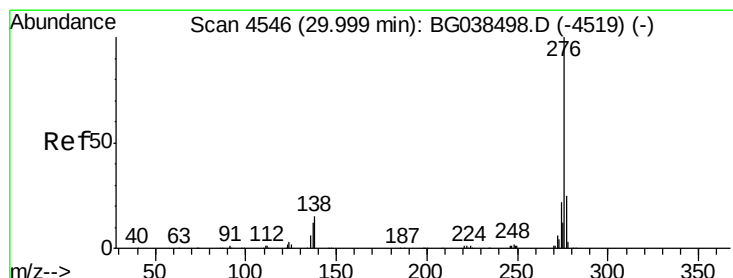
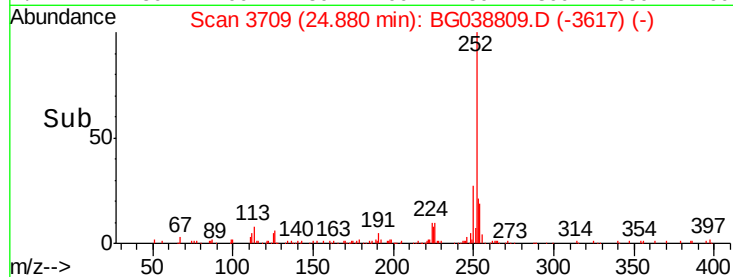
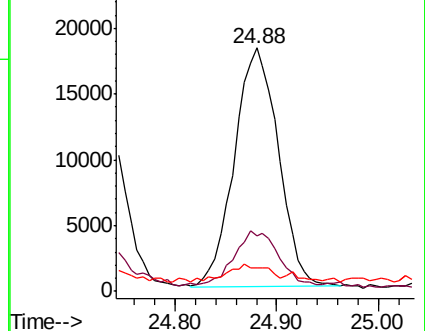
125 9.7 6.4 9.6#



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: 4.667 ng

RT: 30.02 min Scan# 4584

Delta R.T. 0.02 min

Lab File: BG038809.D

Acq: 22 Dec 2018 9:20

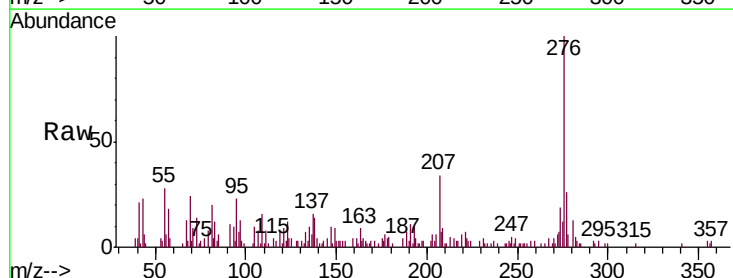
Tgt Ion:276 Resp: 46103

Ion Ratio Lower Upper

276 100

277 25.8 19.8 29.8

138 13.7 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

