

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037921.D
 Acq On : 9 Nov 2018 15:24
 Operator : JU/SJ
 Sample : J5860-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Quant Time: Nov 12 13:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

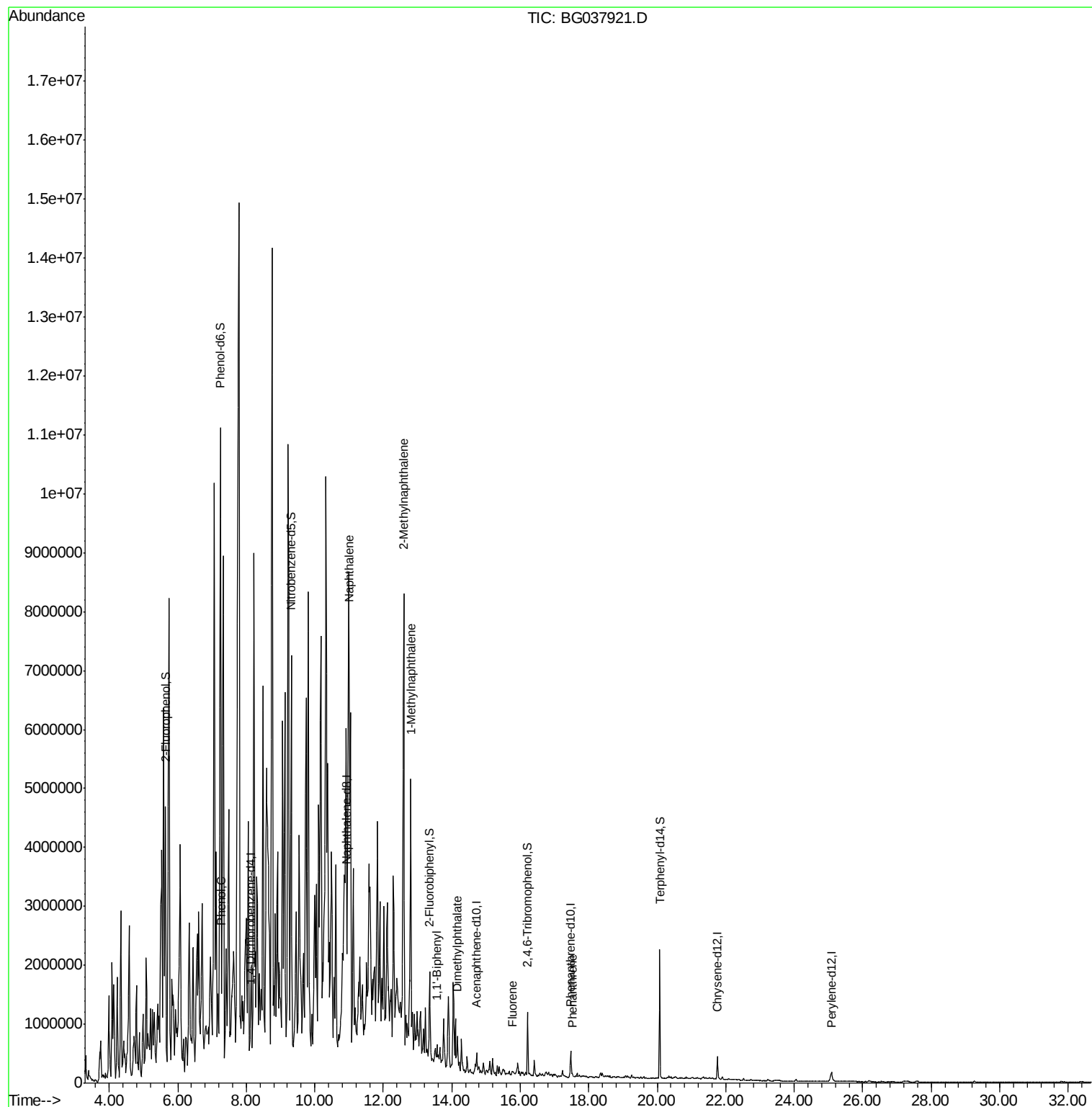
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52225	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	185559	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	131949	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	281068	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	250920	20.00	ng	-0.02
87) Perylene-d12	25.09	264	238559	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	371760	119.01	ng	0.00
7) Phenol-d6	7.25	99	518878	109.85	ng	0.00
23) Nitrobenzene-d5	9.30	82	349795	105.60	ng	0.02
42) 2,4,6-Tribromophenol	16.21	330	195065	135.54	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	768491	87.82	ng	-0.01
79) Terphenyl-d14	20.07	244	1073850	91.45	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	44122	8.853	ng	# 62
31) Naphthalene	11.01	128	4897946	537.398	ng	# 72
37) 2-Methylnaphthalene	12.60	142	3995346	601.358	ng	# 80
38) 1-Methylnaphthalene	12.81	142	2086592	323.395	ng	# 98
46) 1,1'-Biphenyl	13.56	154	162070	14.831	ng	99
50) Dimethylphthalate	14.17	163	139164	13.633	ng	99
58) Fluorene	15.77	166	25558	2.690	ng	# 95
71) Phenanthrene	17.52	178	39737	2.782	ng	97

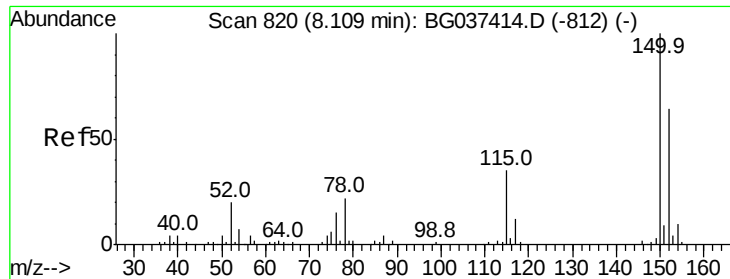
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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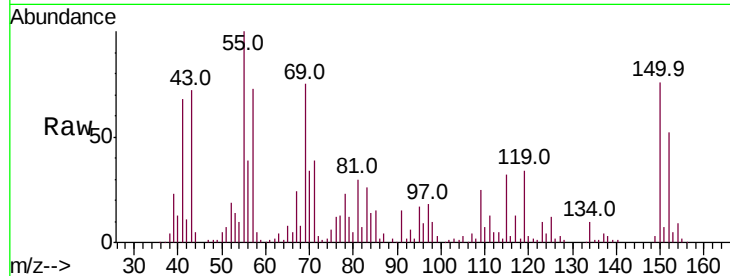


#1

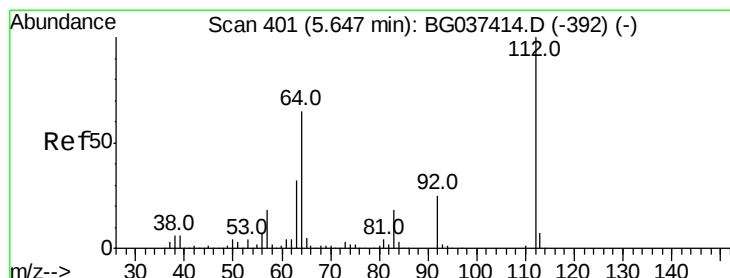
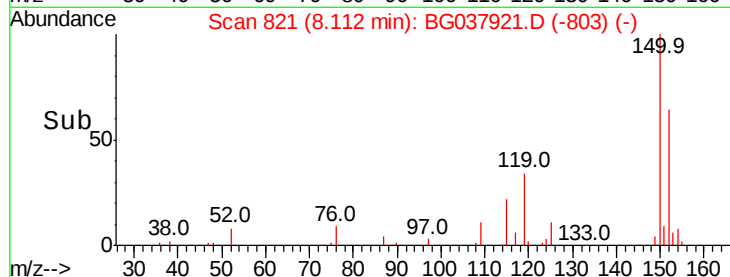
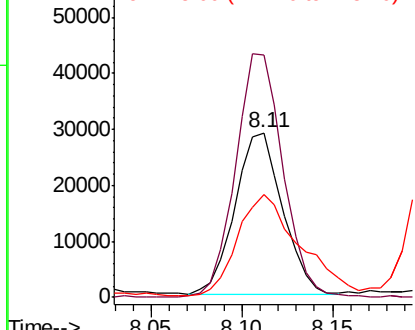
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tot Ion:152 Resp: 52225
Ion Ratio Lower Upper
152 100
150 147.8 126.0 189.0
115 62.4 45.5 68.3



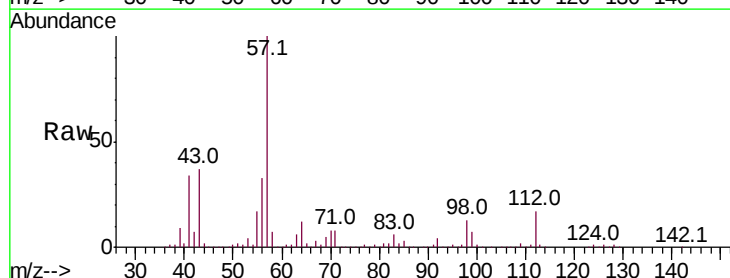
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



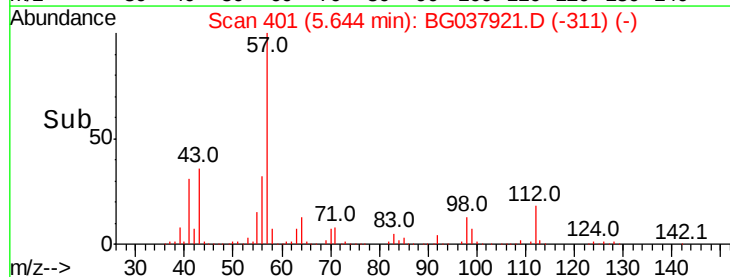
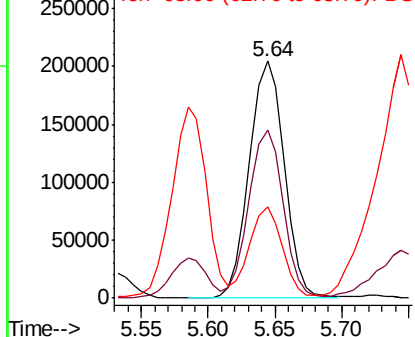
#5

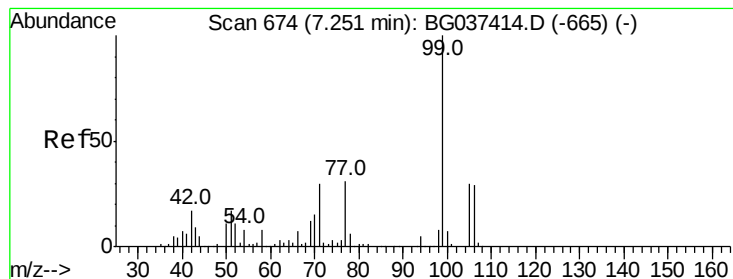
2-Fluorophenol
Concen: 119.010 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:112 Resp: 371760
Ion Ratio Lower Upper
112 100
64 71.1 53.1 79.7
63 38.4 27.3 40.9



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





#7

Phenol-d6

Concen: 109.849 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

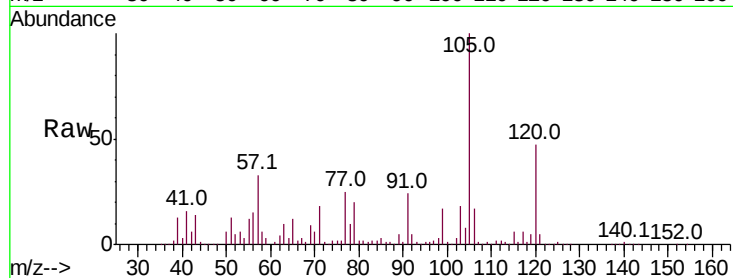
Tot Ion: 99 Resp: 518878

Ion Ratio Lower Upper

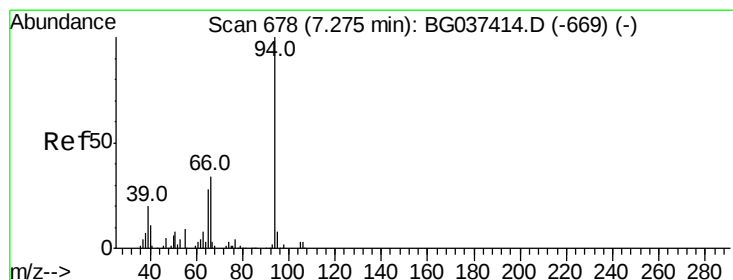
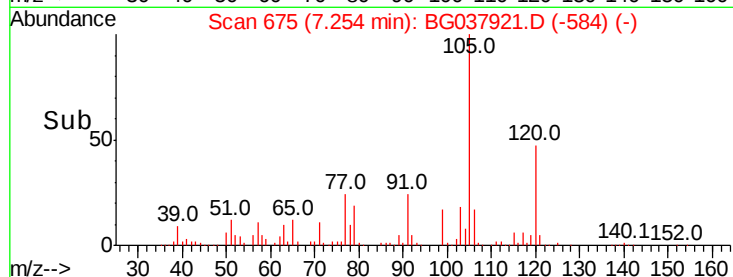
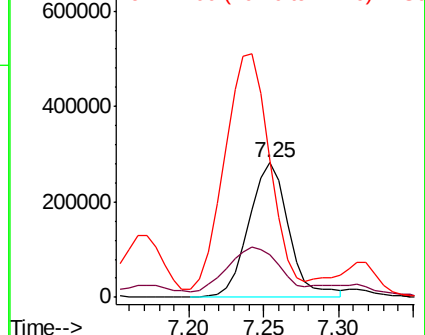
99 100

42 31.8 15.0 22.4#

71 102.1 25.5 38.3#



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



#10

Phenol

Concen: 8.853 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

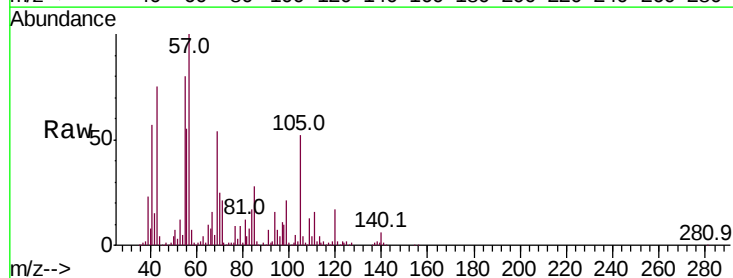
Tgt Ion: 94 Resp: 44122

Ion Ratio Lower Upper

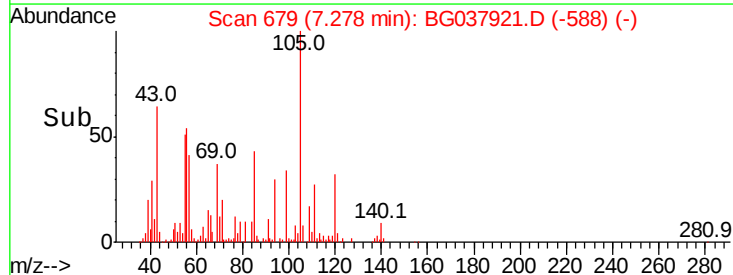
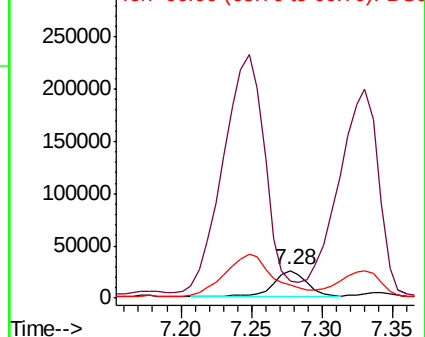
94 100

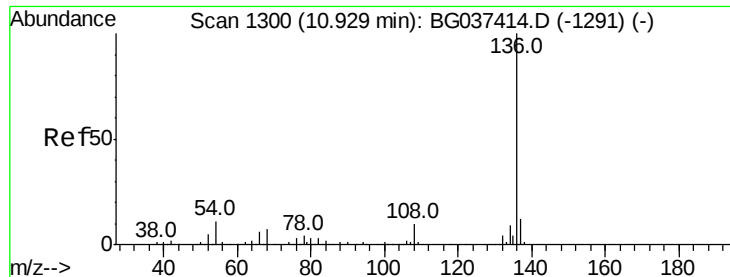
65 62.7 9.7 49.7#

66 47.4 15.9 55.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

Tot Ion:136 Resp: 185559

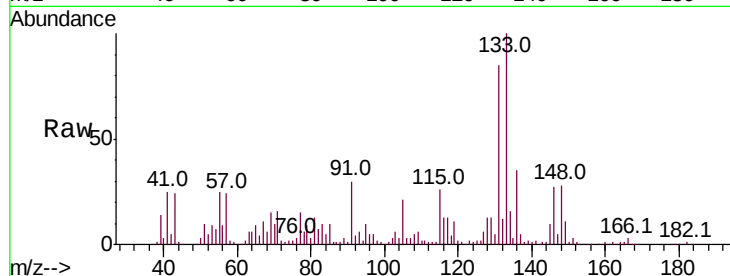
Ion Ratio Lower Upper

136 100

137 14.8 9.6 14.4#

54 19.1 7.9 11.9#

68 16.8 4.8 7.2#

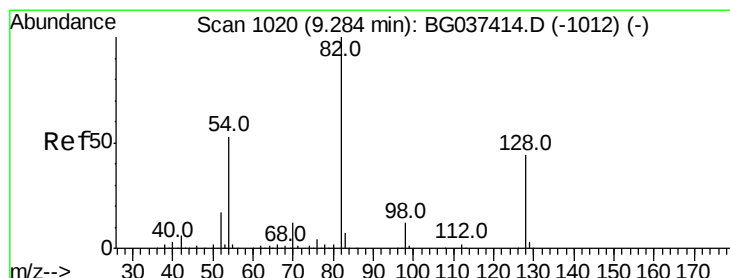
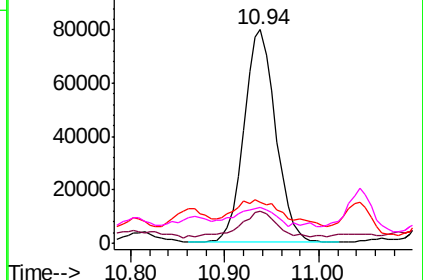
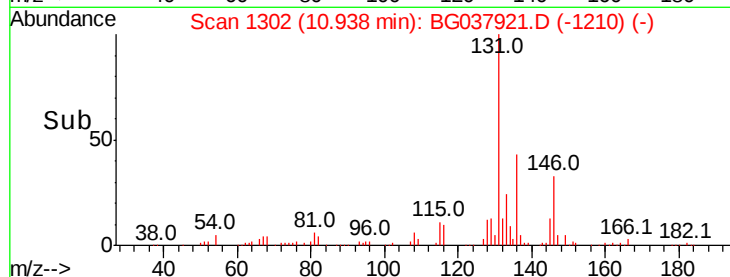


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 105.601 ng

RT: 9.30 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

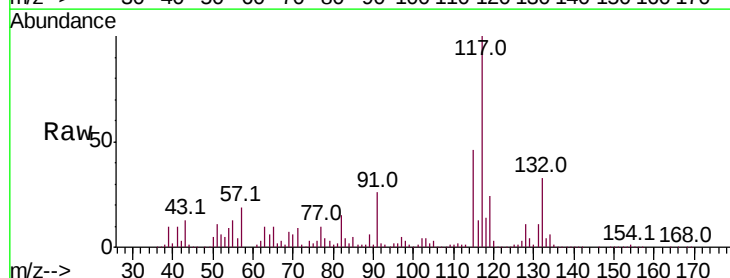
Tgt Ion: 82 Resp: 349795

Ion Ratio Lower Upper

82 100

128 72.7 34.6 51.8#

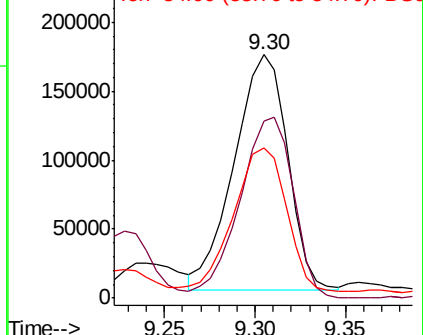
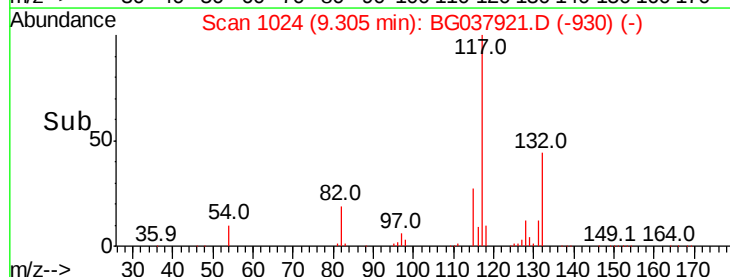
54 61.8 45.3 67.9

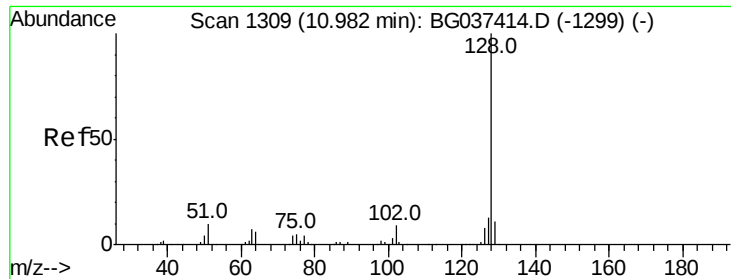


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

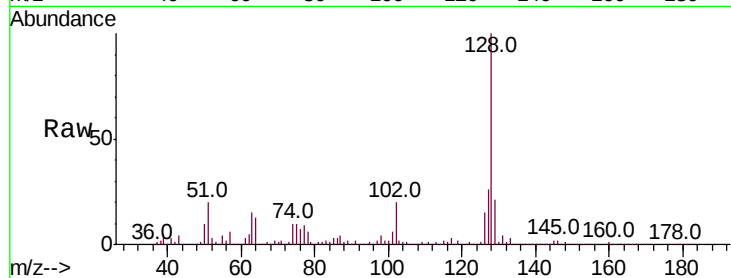




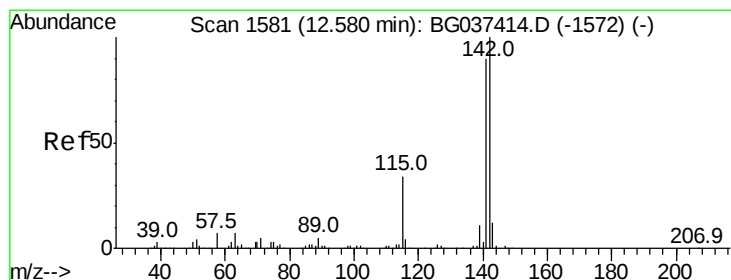
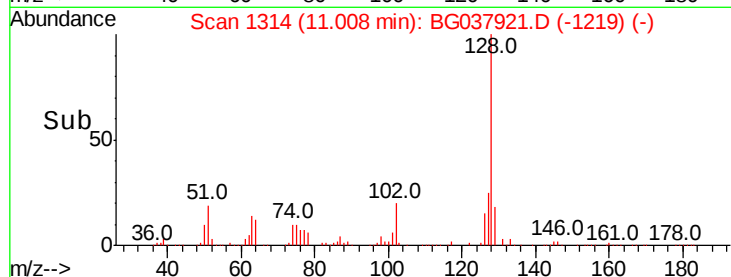
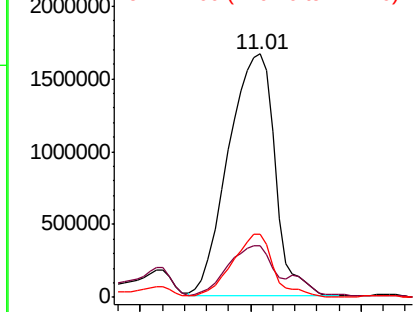
#31
Naphthalene
Concen: 537.398 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tot Ion:128 Resp: 4897946
Ion Ratio Lower Upper
128 100
129 20.9 9.0 13.6#
127 25.8 11.1 16.7#

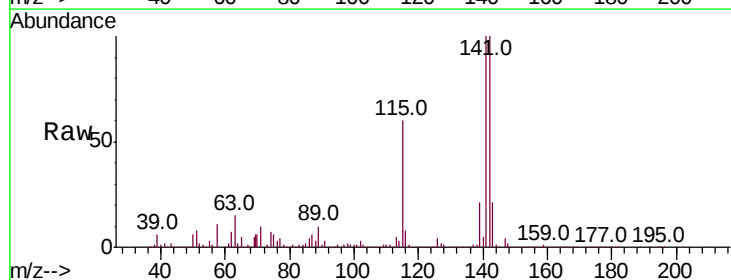


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

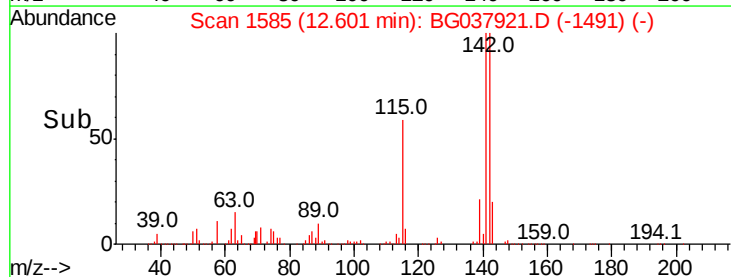
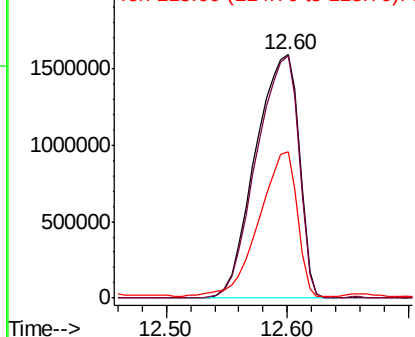


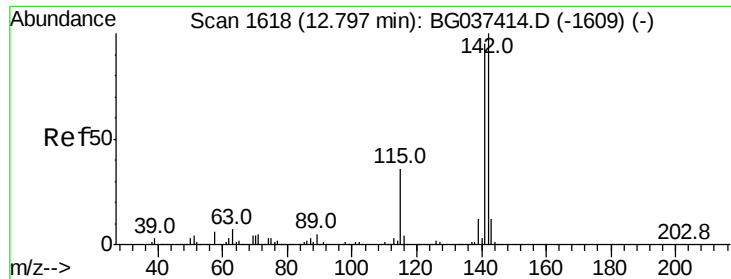
#37
2-Methylnaphthalene
Concen: 601.358 ng
RT: 12.60 min Scan# 1585
Delta R.T. 0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:142 Resp: 3995346
Ion Ratio Lower Upper
142 100
141 99.7 71.9 107.9
115 60.2 27.8 41.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

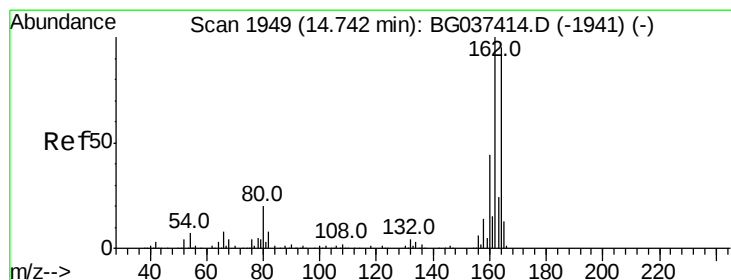
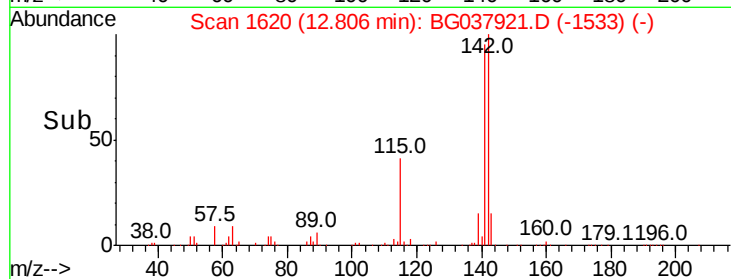
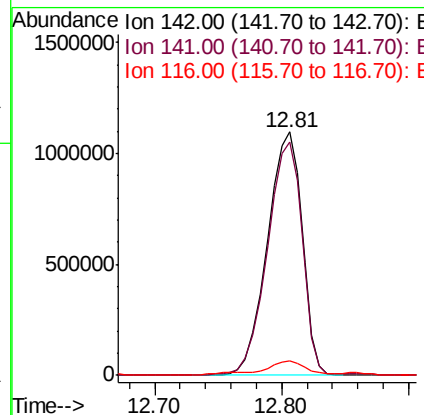
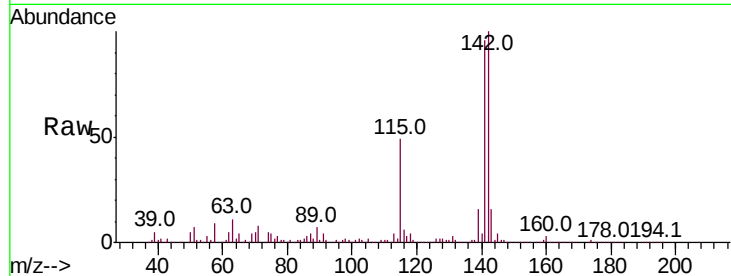




#38
 1-Methylnaphthalene
 Concen: 323.395 ng
 RT: 12.81 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

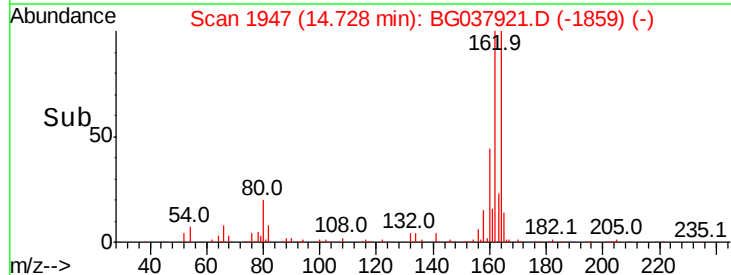
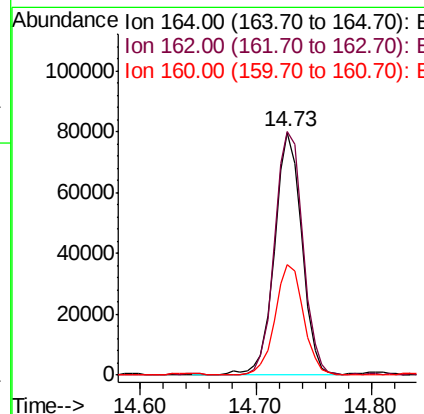
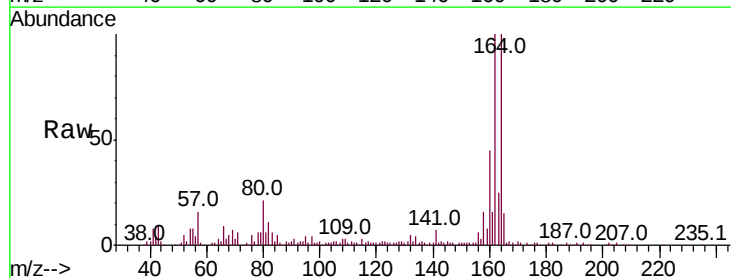
Instrument :
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 EP2-SB-110(17-19)

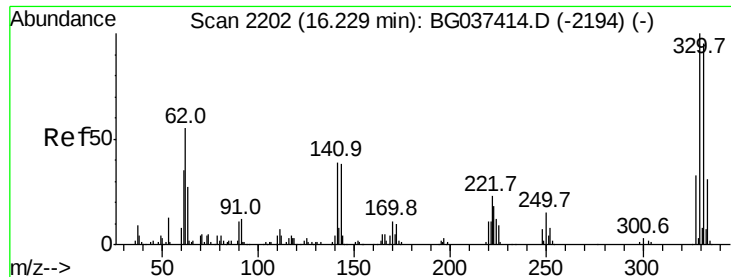
Tot Ion:142 Resp: 2086592
 Ion Ratio Lower Upper
 142 100
 141 95.6 75.2 112.8
 116 6.1 3.3 4.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion:164 Resp: 131949
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.3 121.9
 160 45.3 36.3 54.5

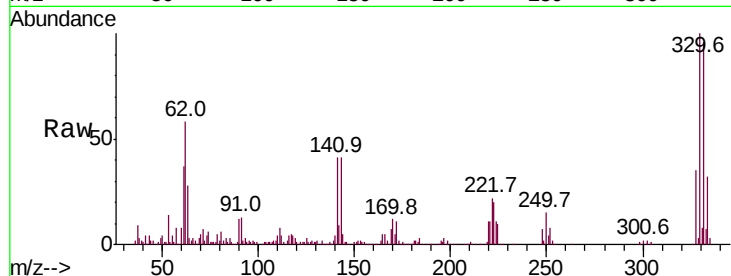




#42
 2,4,6-Tribromophenol
 Concen: 135.541 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	37.4	32.2	48.2

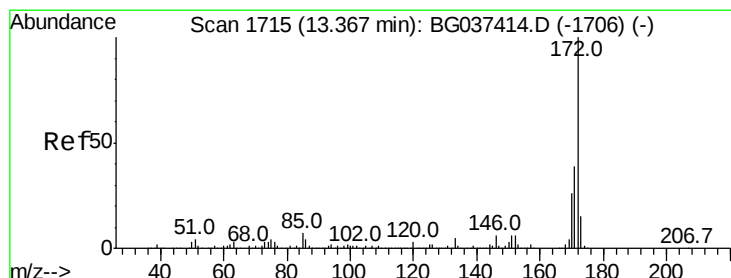
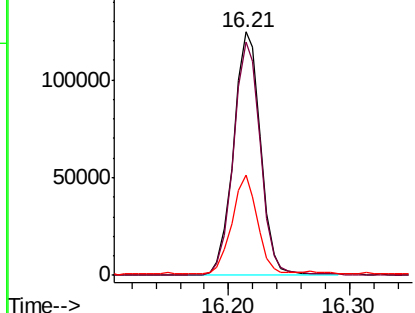
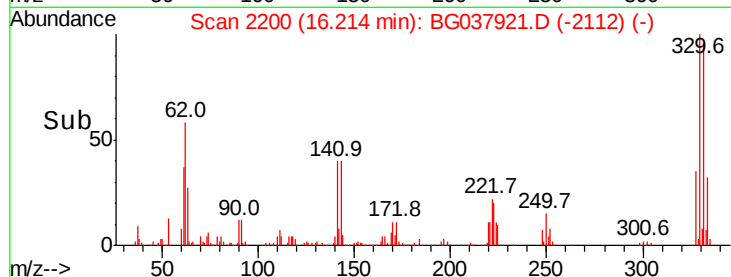


Abundance

Ion 329.80 (329.50 to 330.50): E

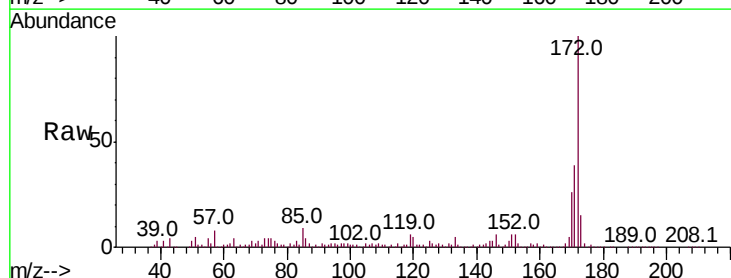
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.1	20.2	30.2

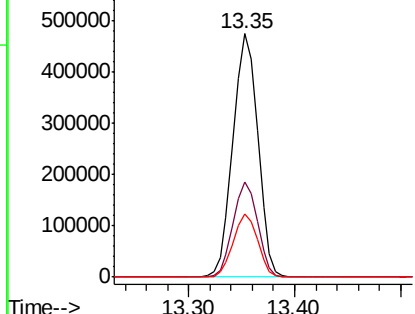
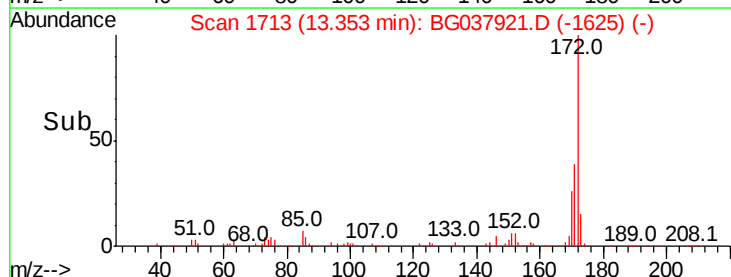


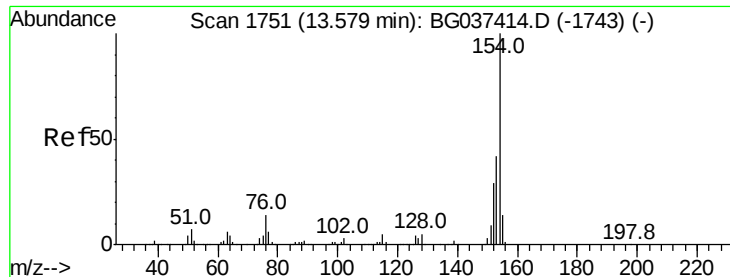
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

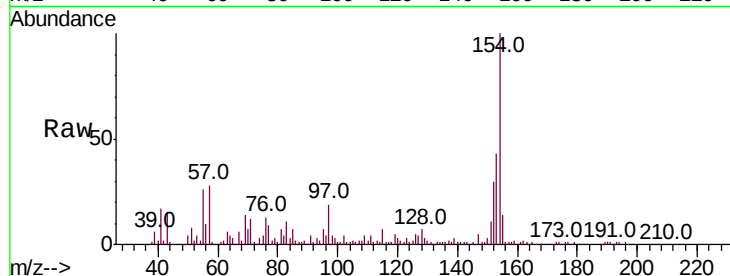




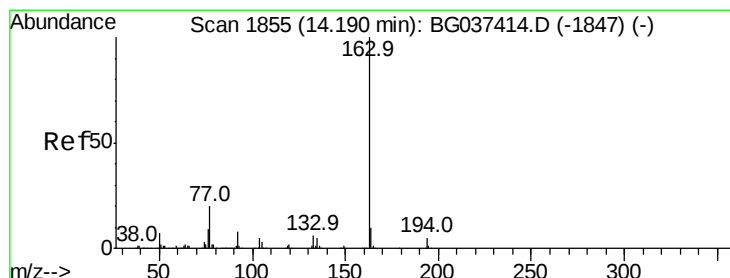
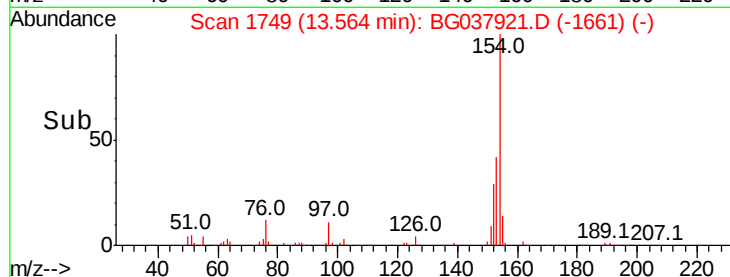
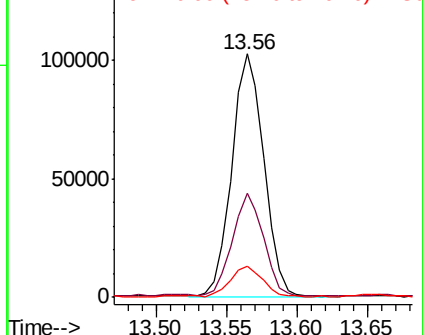
#46
 1,1'-Biphenyl
 Concen: 14.831 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	12.9	0.0	33.2

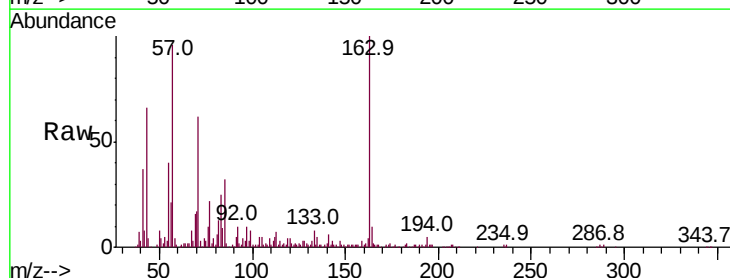


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

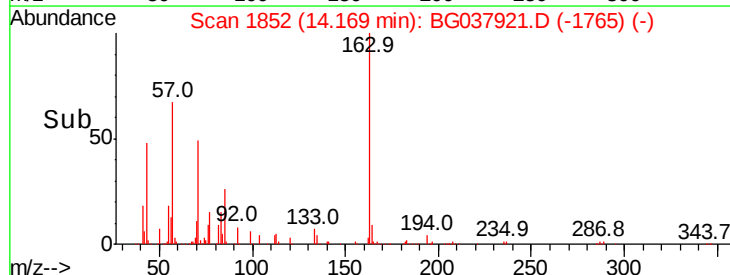
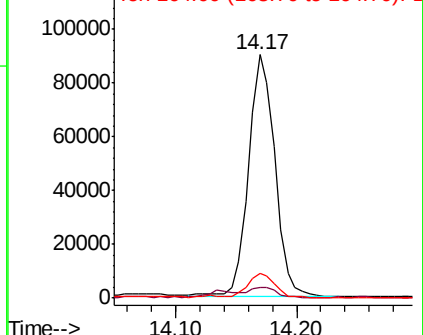


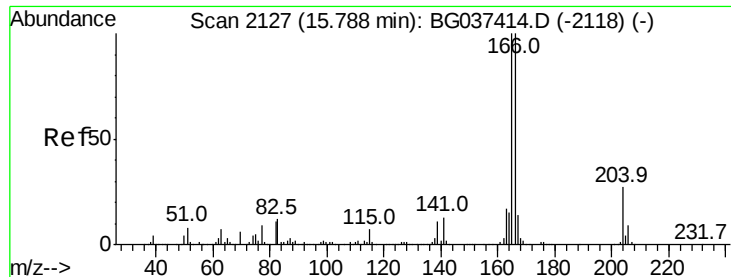
#50
 Dimethylphthalate
 Concen: 13.633 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.5	12.7



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





#58

Fluorene

Concen: 2.690 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

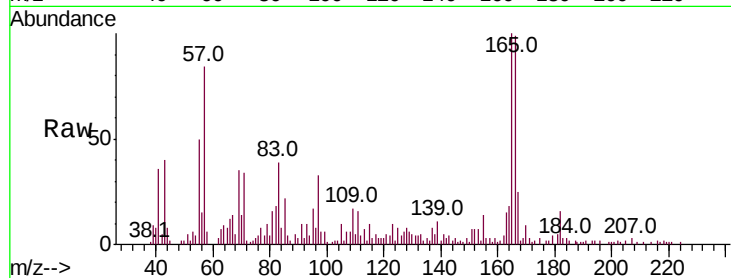
Tot Ion:166 Resp: 25558

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.6

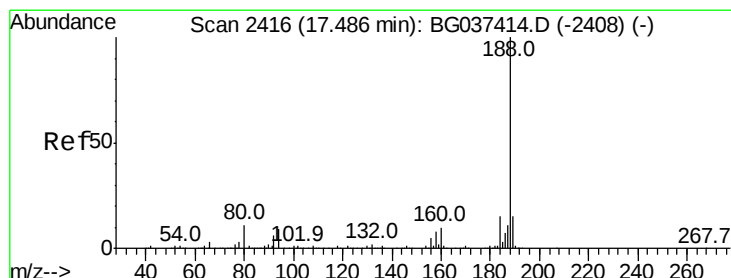
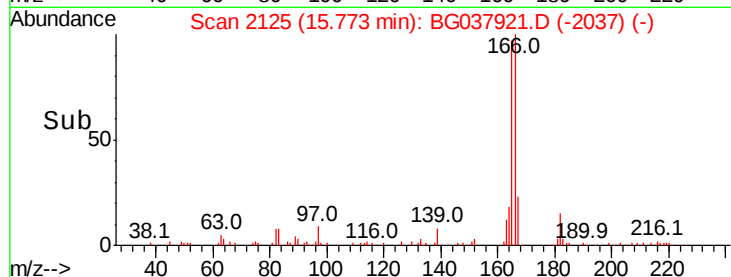
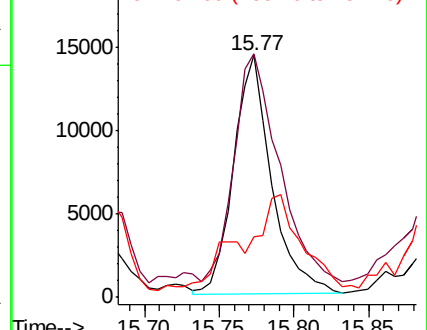
167 24.8 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

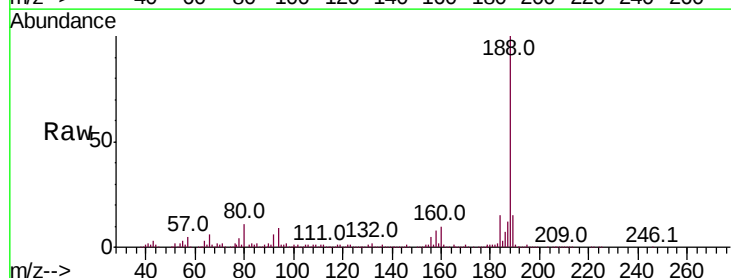
Tgt Ion:188 Resp: 281068

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

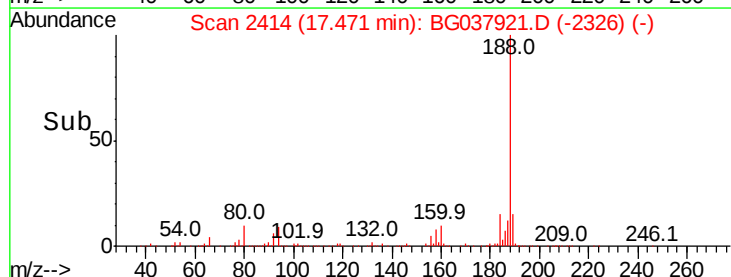
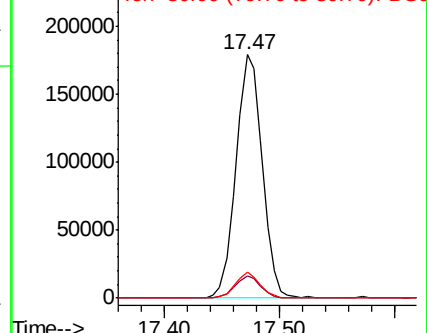
80 10.6 7.7 11.5

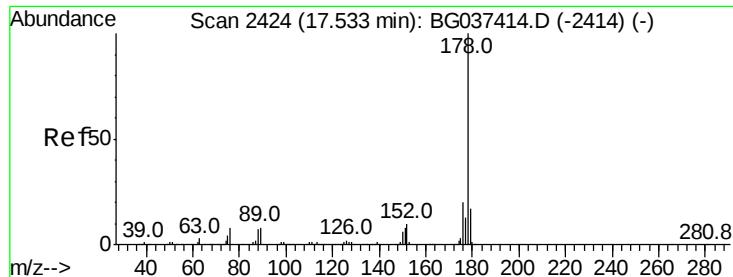


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

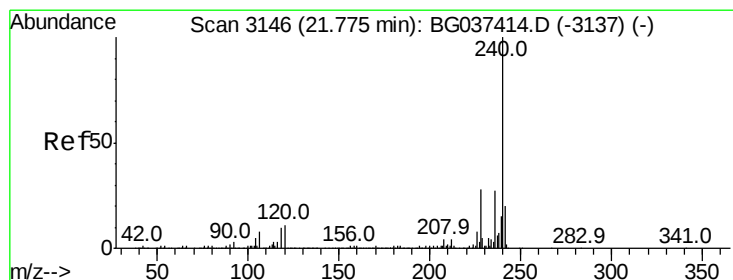
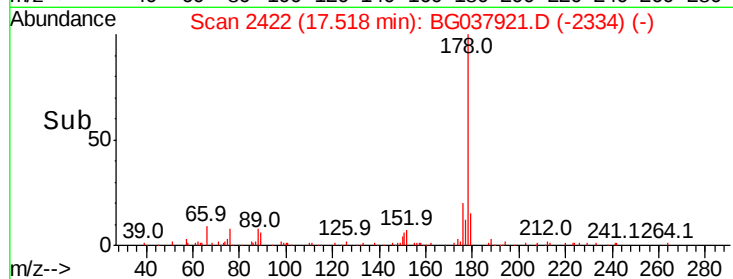
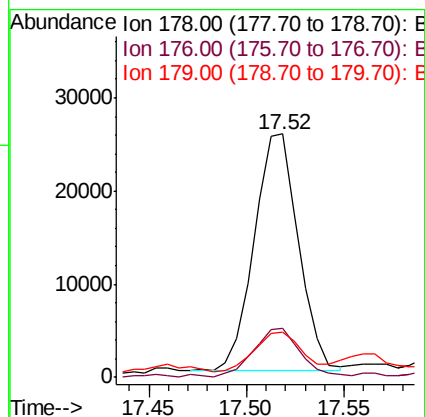
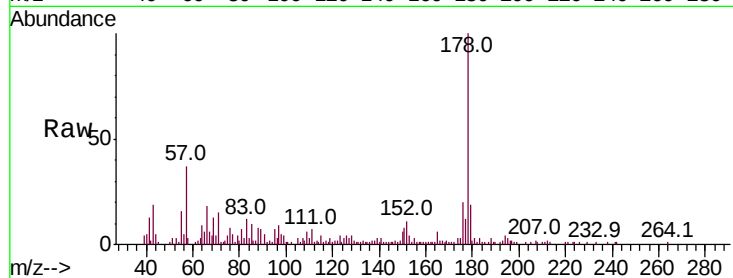




#71
Phenanthrene
Concen: 2.782 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

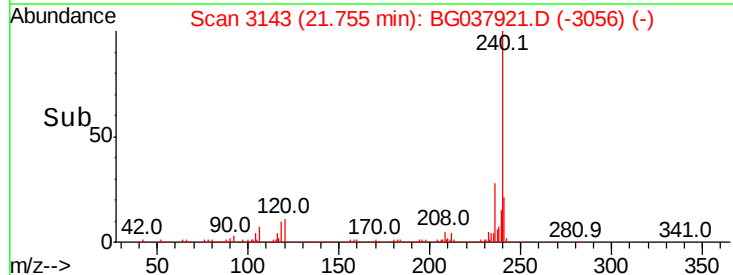
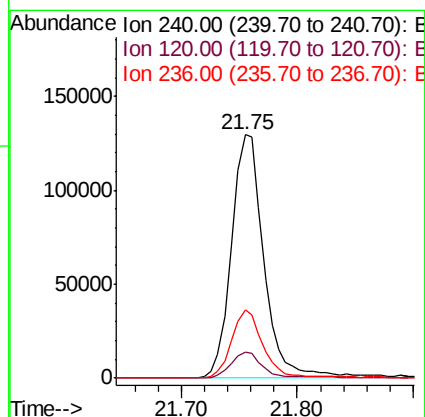
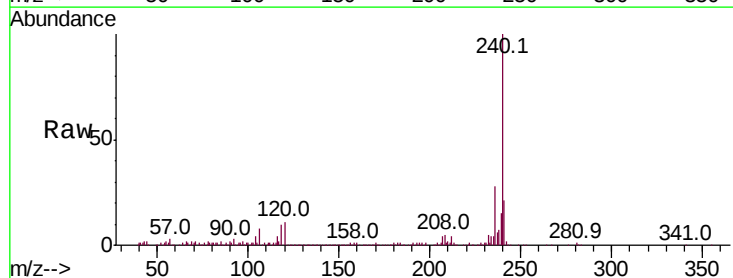
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

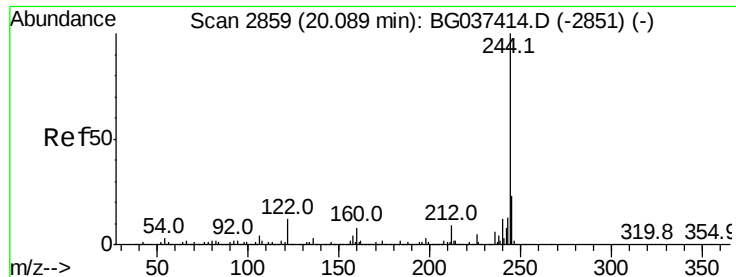
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	18.7	13.0	19.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0





#79

Terphenyl-d14

Concen: 91.446 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

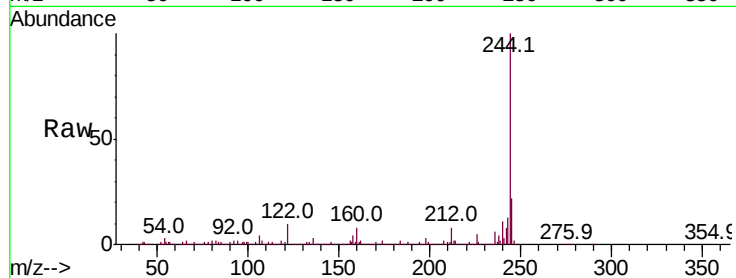
BNA_G

ClientSampleId :

EP2-SB-110(17-19)

Tot Ion:244 Resp: 1073850

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.4	9.0	13.4

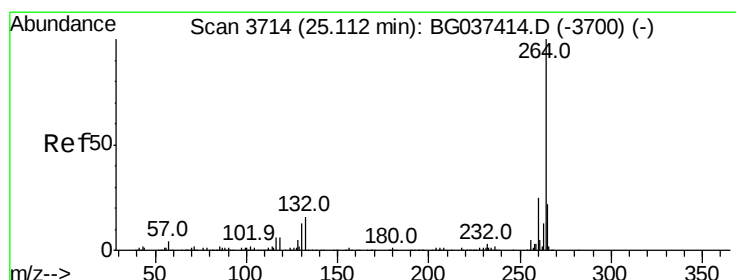
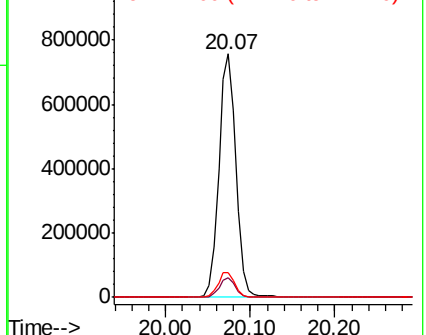
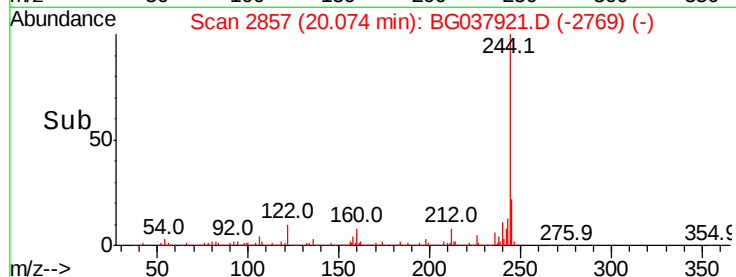


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

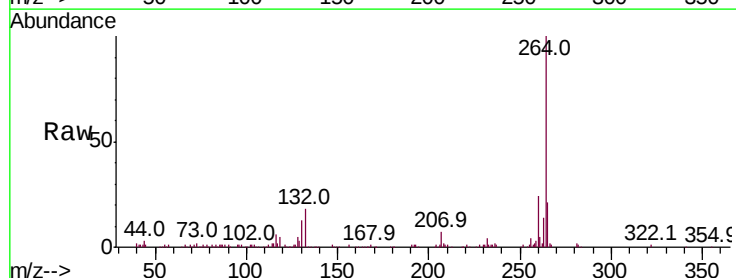
Delta R.T. -0.03 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Tgt Ion:264 Resp: 238559

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.6	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

