

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018038.D
 Acq On : 22 Jul 2015 1:56
 Operator : TP/UM
 Sample : G3031-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-(2-4)

Quant Time: Jul 22 04:22:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 04:14:54 2015
 Response via : Initial Calibration

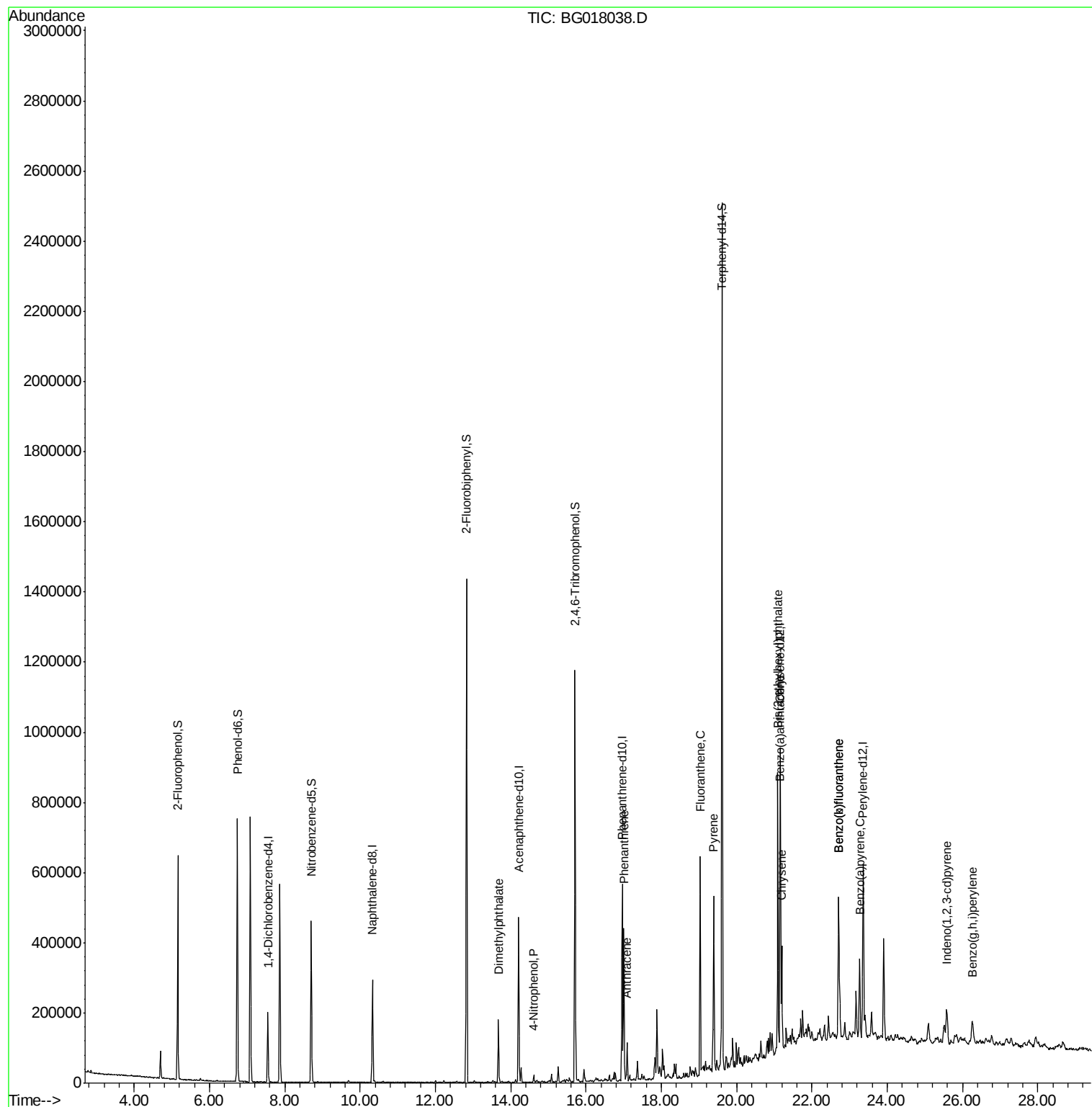
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	54782	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	254559	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	159698	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	335754	20.00	ng	0.00
75) Chrysene-d12	21.17	240	356530	20.00	ng	0.00
86) Perylene-d12	23.36	264	356823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	291349	92.78	ng	0.00
7) Phenol-d6	6.74	99	446394	108.50	ng	0.00
23) Nitrobenzene-d5	8.70	82	262303	66.74	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	209652	129.58	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	750345	81.42	ng	0.00
78) Terphenyl-d14	19.61	244	1050223	74.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.67	163	118998	10.73	ng	99
55) 4-Nitrophenol	14.61	139	4699	2.10	ng	# 6
70) Phenanthrene	17.01	178	249633	14.41	ng	98
71) Anthracene	17.09	178	67701	4.02	ng	97
74) Fluoranthene	19.03	202	346648	18.28	ng	96
77) Pyrene	19.40	202	282636	14.21	ng	96
80) Benzo(a)anthracene	21.15	228	171726	9.12	ng	98
82) Chrysene	21.20	228	149634	8.34	ng	96
83) Bis(2-ethylhexyl)phthalate	21.10	149	283118	23.09	ng	98
85) Indeno(1,2,3-cd)pyrene	25.58	276	88151	4.06	ng	# 93
87) Benzo(b)fluoranthene	22.71	252	268941	13.78	ng	98
88) Benzo(k)fluoranthene	22.71	252	268941	13.80	ng	99
89) Benzo(a)pyrene	23.27	252	137902	7.58	ng	97
91) Benzo(g,h,i)perylene	26.26	276	82159	4.52	ng	98

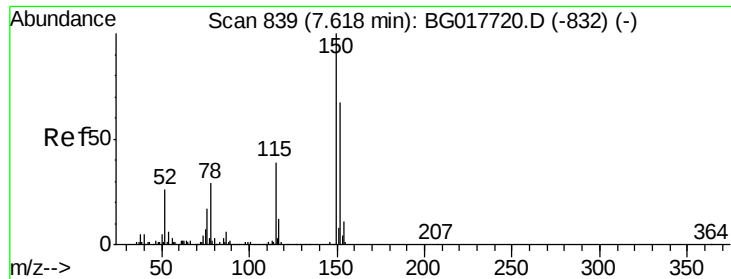
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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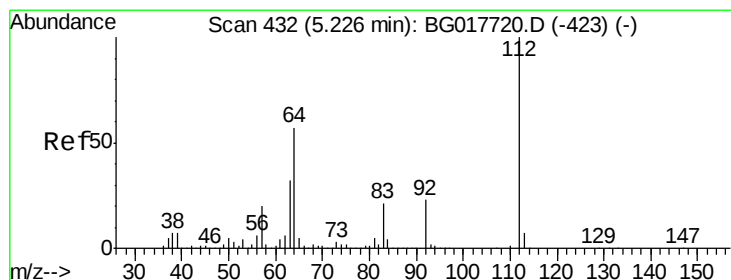
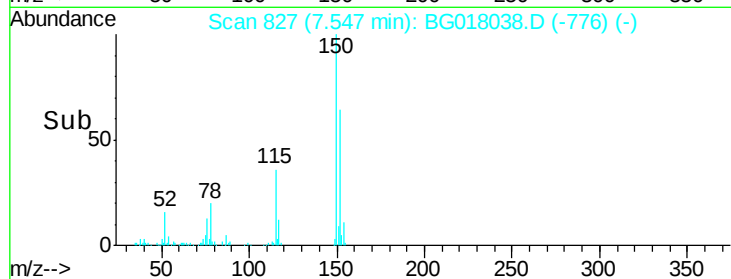
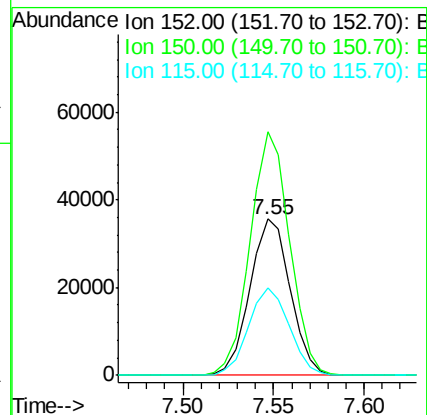
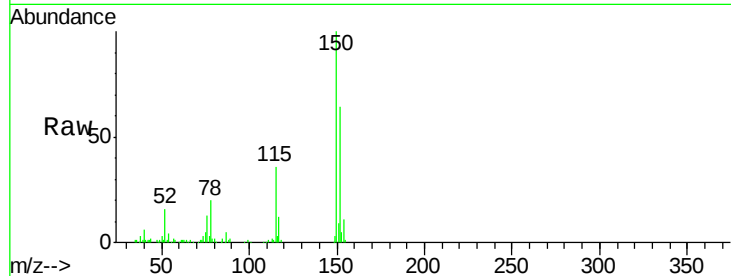


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG018038.D
Acq: 22 Jul 2015 1:56

Instrument :
BNA_G
ClientSampleId :
SB-3-(2-4)

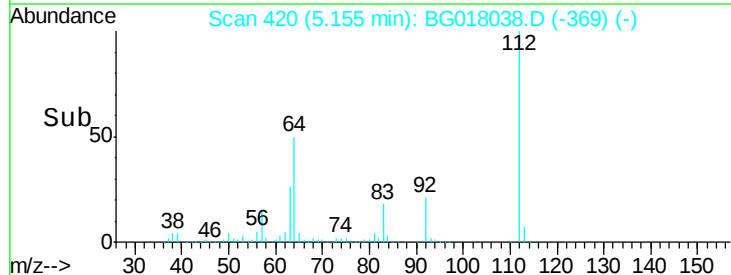
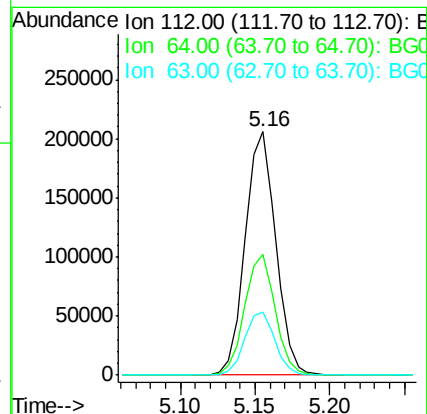
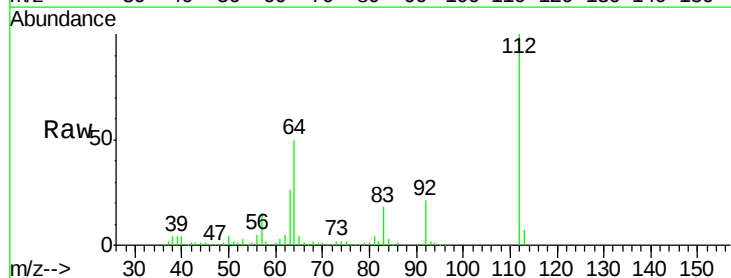
Tgt Ion:152 Resp: 54782
Ion Ratio Lower Upper
152 100
150 156.1 119.1 178.7
115 56.2 47.0 70.4



#5

2-Fluorophenol
Concen: 92.78 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018038.D
Acq: 22 Jul 2015 1:56

Tgt Ion:112 Resp: 291349
Ion Ratio Lower Upper
112 100
64 49.5 45.4 68.0
63 26.1 25.3 37.9





#7

Phenol-d6

Concen: 108.50 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

Instrument :

BNA_G

ClientSampleId :

SB-3-(2-4)

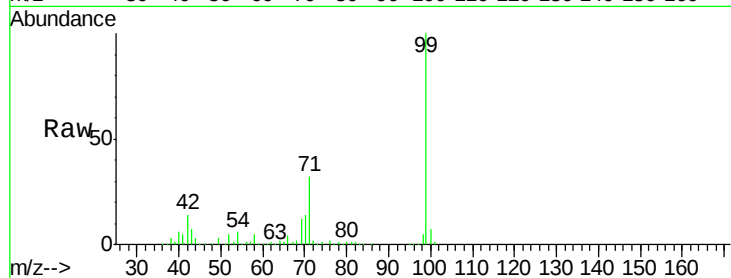
Tgt Ion: 99 Resp: 446394

Ion Ratio Lower Upper

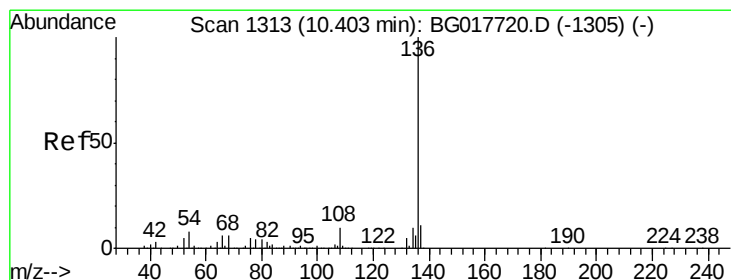
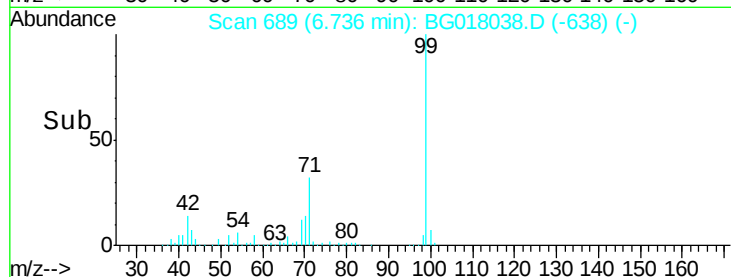
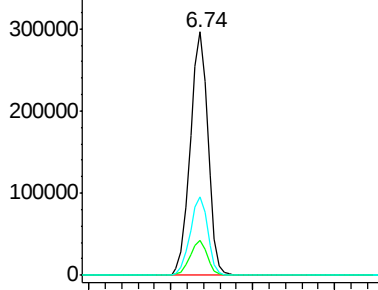
99 100

42 14.2 16.2 24.4#

71 32.2 29.5 44.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.33 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

Tgt Ion: 136 Resp: 254559

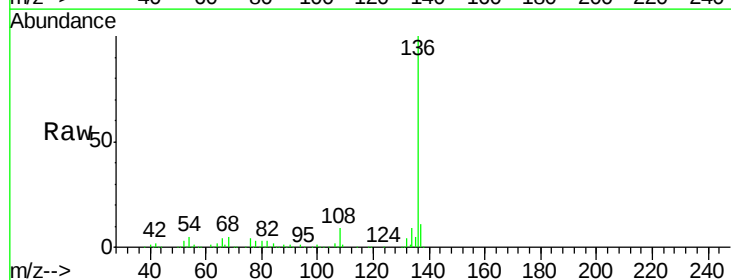
Ion Ratio Lower Upper

136 100

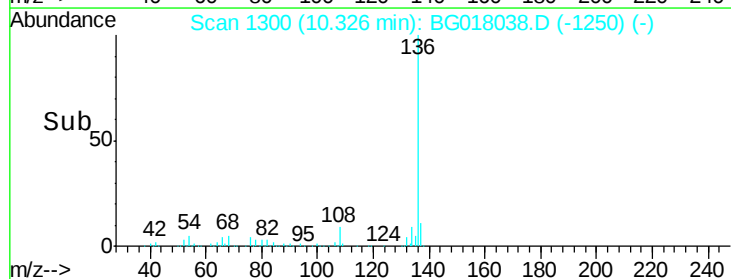
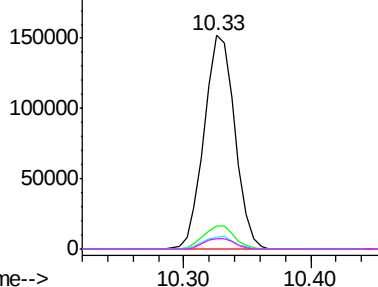
137 10.6 8.8 13.2

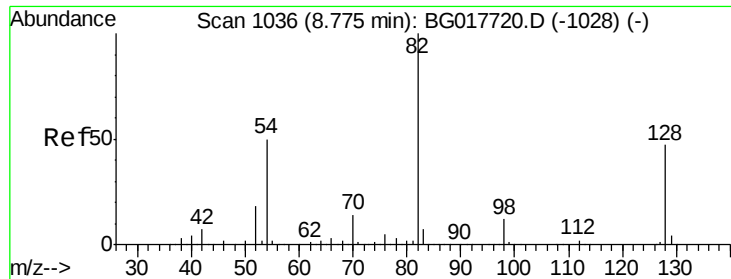
54 5.1 6.6 9.8#

68 5.0 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

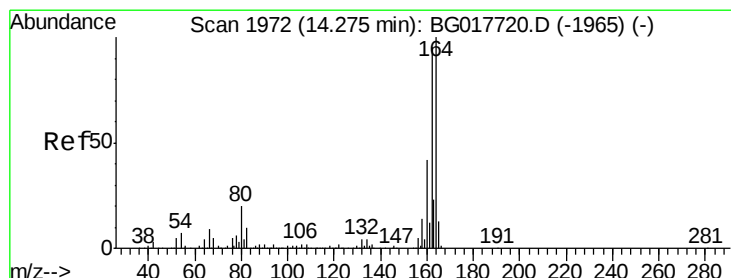
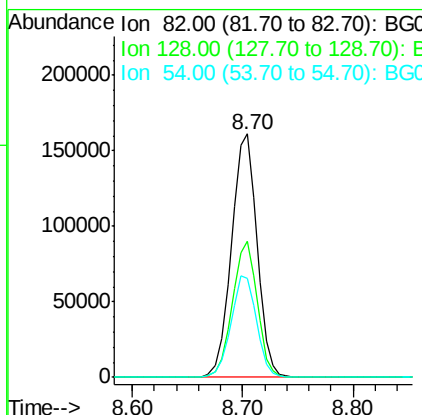
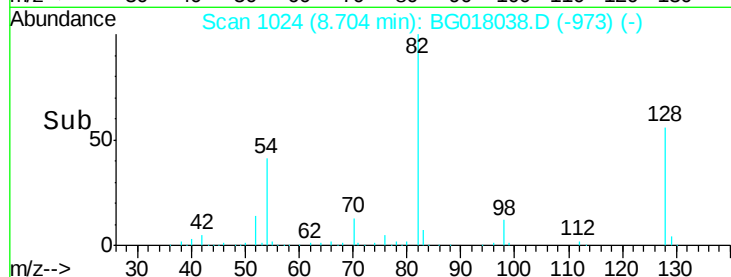
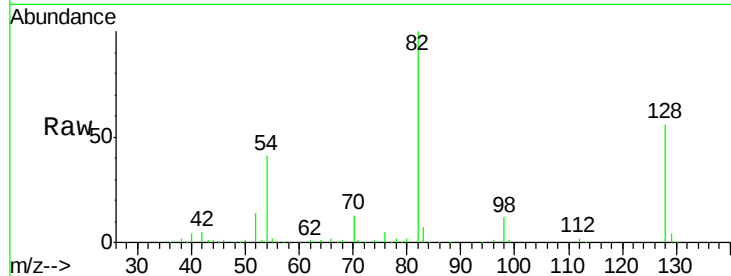




#23
 Nitrobenzene-d5
 Concen: 66.74 ng
 RT: 8.70 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

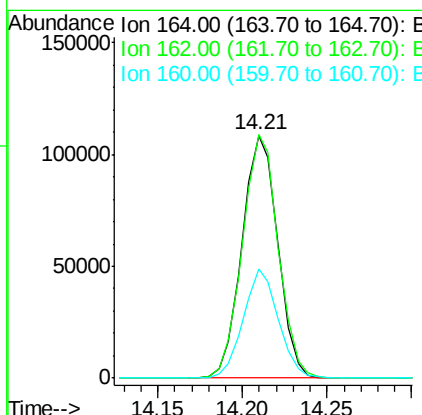
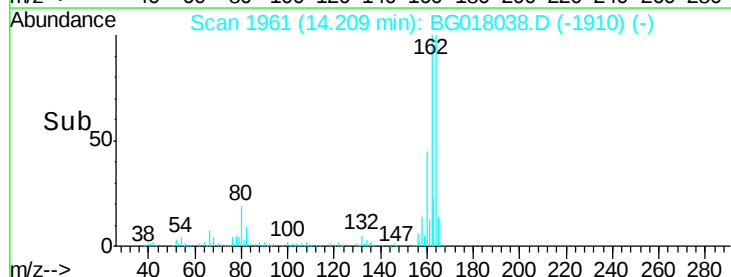
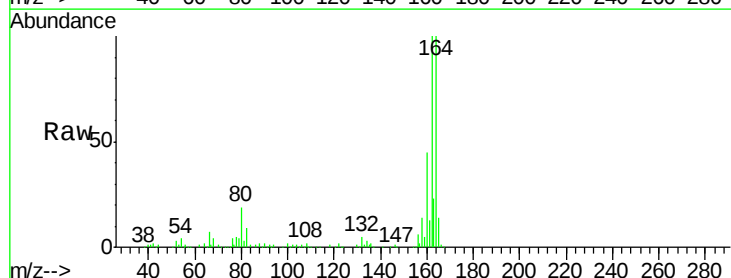
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-(2-4)

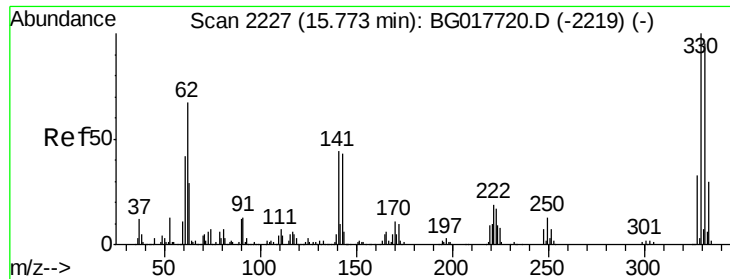
Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.0	37.8	56.6
54	40.5	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	76.3	114.5
160	45.2	33.7	50.5

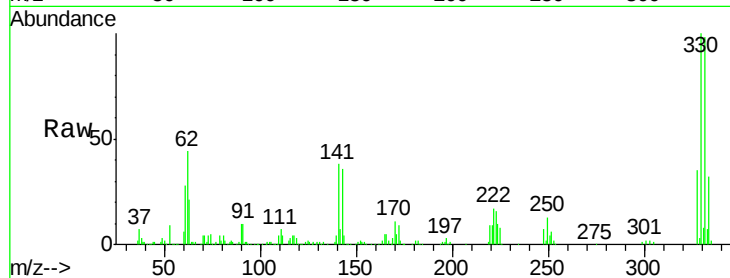




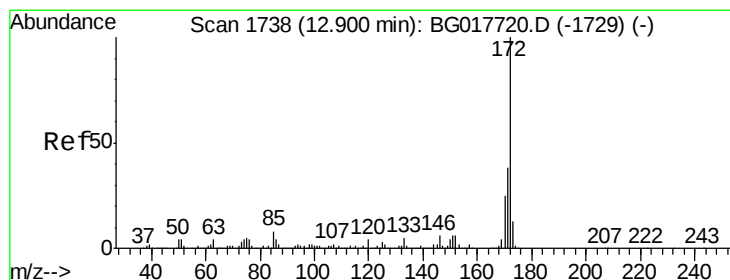
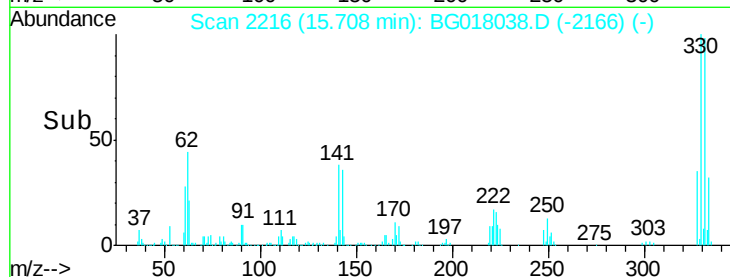
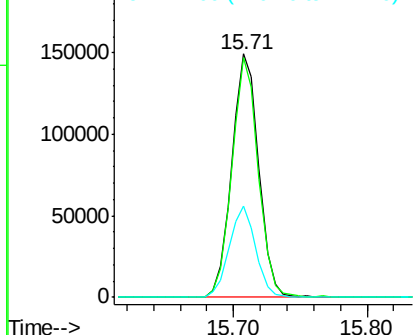
#41
 2,4,6-Tribromophenol
 Concen: 129.58 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-(2-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	37.2	38.0	57.0#

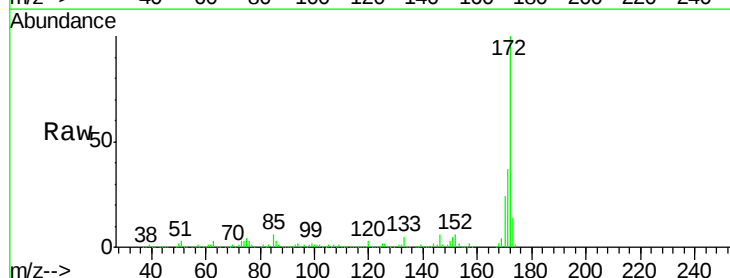


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

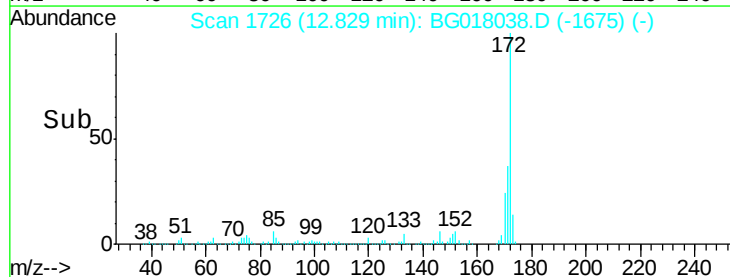
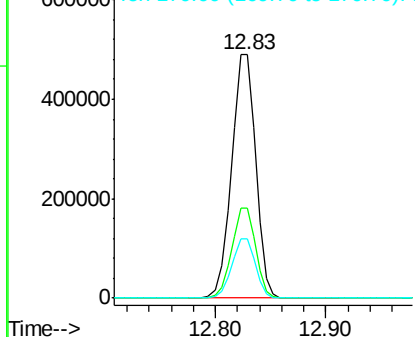


#44
 2-Fluorobiphenyl
 Concen: 81.42 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.3	19.7	29.5



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

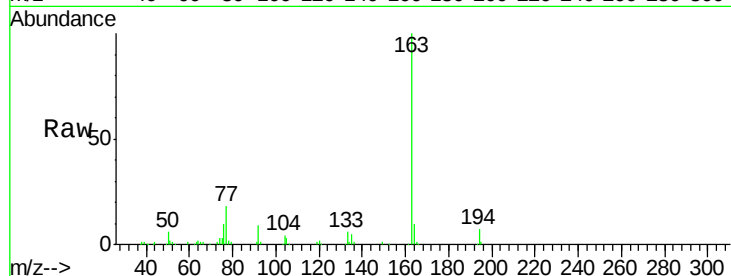




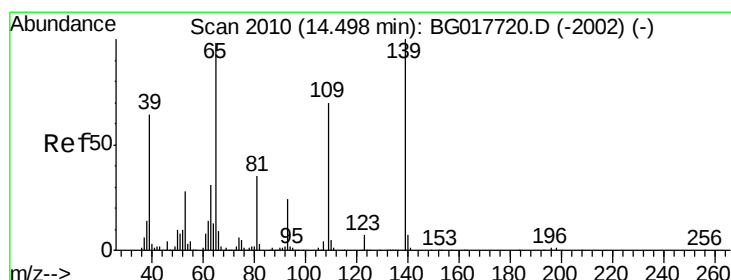
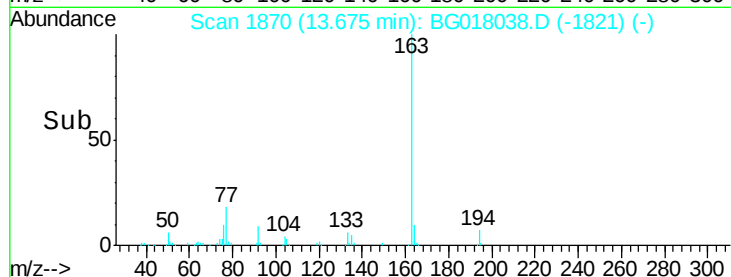
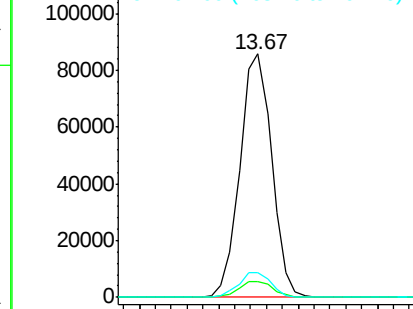
#49
Dimethylphthalate
Concen: 10.73 ng
RT: 13.67 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG018038.D
Acq: 22 Jul 2015 1:56

Instrument :
BNA_G
ClientSampleId :
SB-3-(2-4)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.8	8.6
164	10.3	8.3	12.5

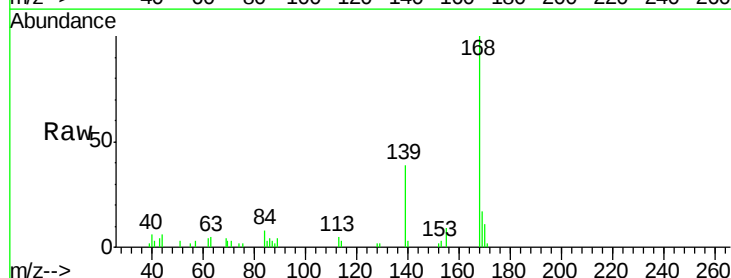


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

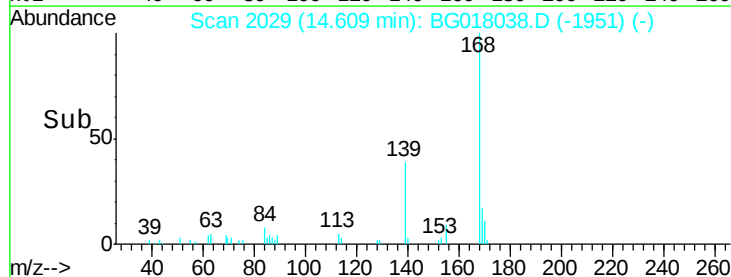
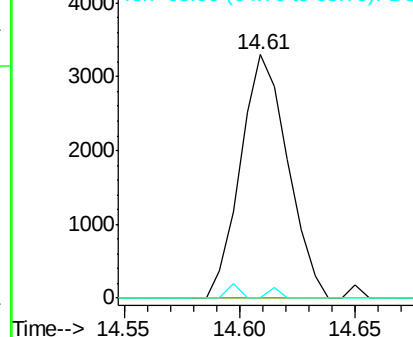


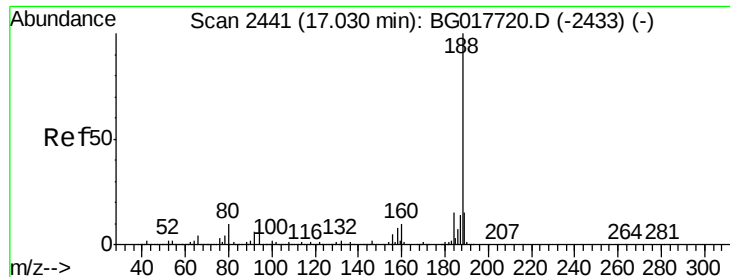
#55
4-Nitrophenol
Concen: 2.10 ng
RT: 14.61 min Scan# 2029
Delta R.T. 0.16 min
Lab File: BG018038.D
Acq: 22 Jul 2015 1:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.3	90.3#
65	0.0	78.8	118.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

Instrument :

BNA_G

ClientSampleId :

SB-3-(2-4)

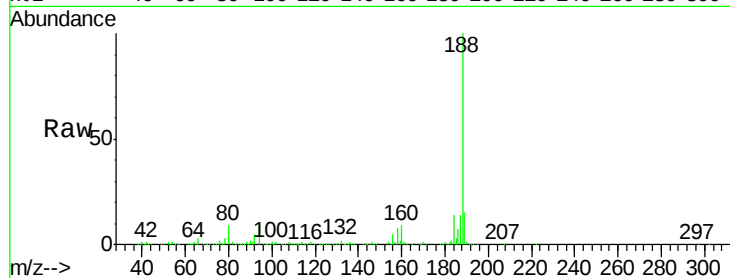
Tgt Ion:188 Resp: 335754

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

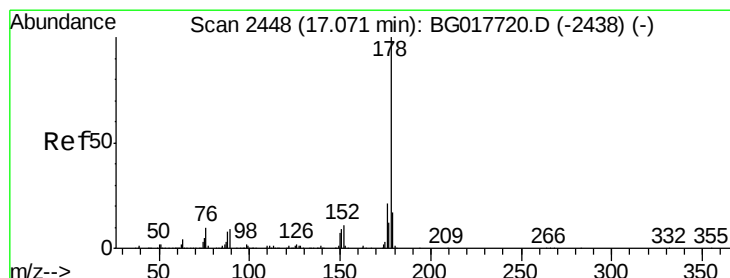
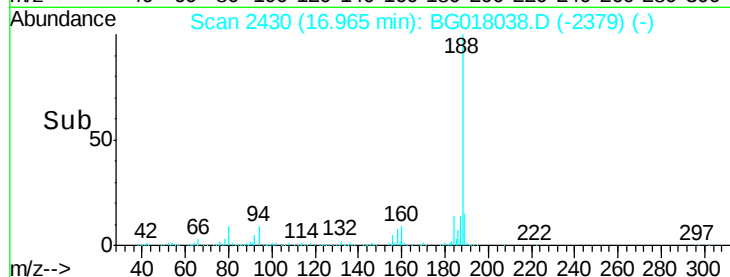
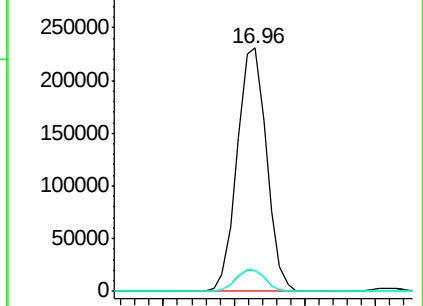
80 8.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#70

Phenanthrene

Concen: 14.41 ng

RT: 17.01 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

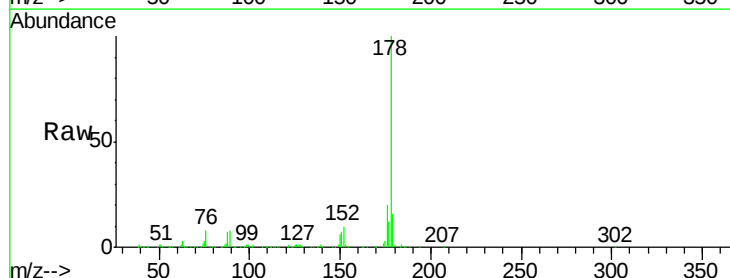
Tgt Ion:178 Resp: 249633

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

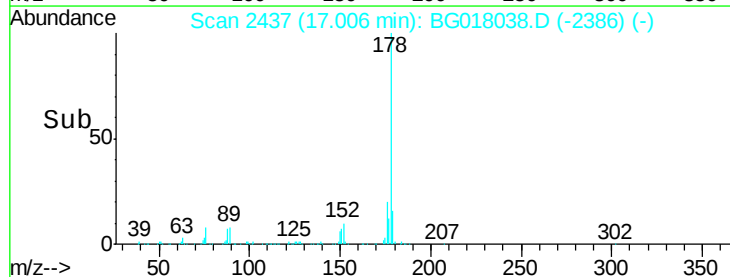
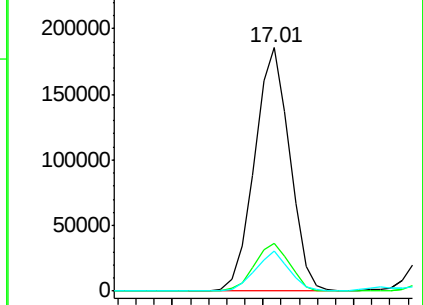
179 16.2 13.5 20.3

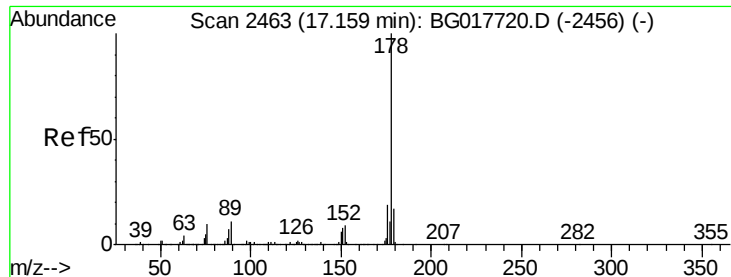


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

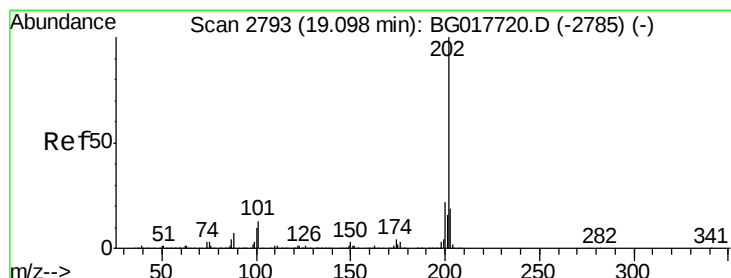
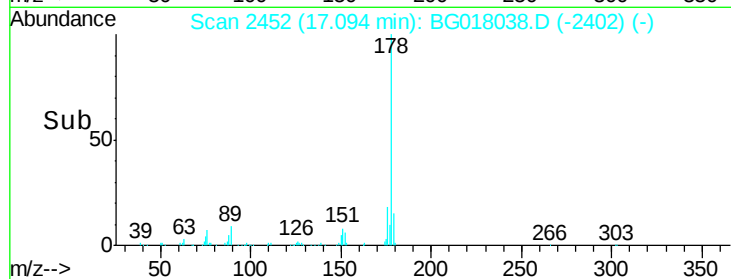
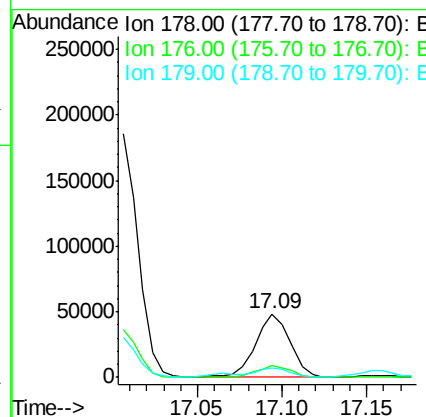
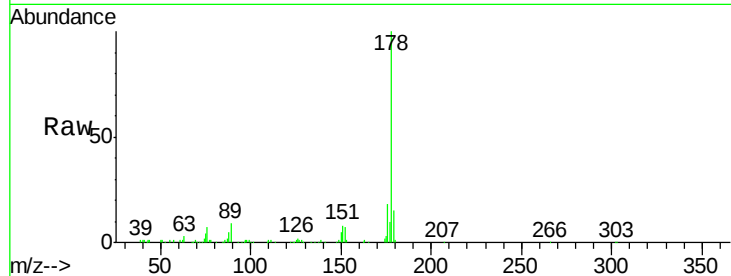




#71
 Anthracene
 Concen: 4.02 ng
 RT: 17.09 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

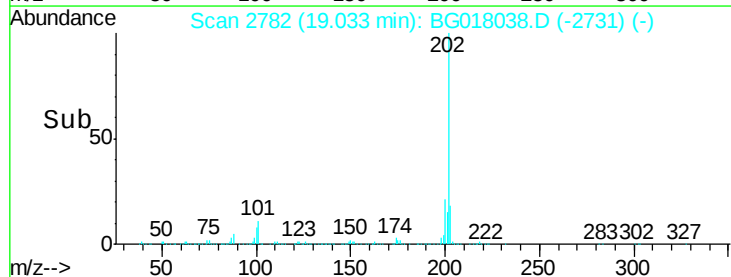
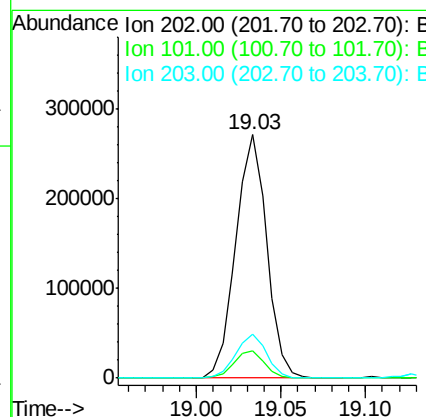
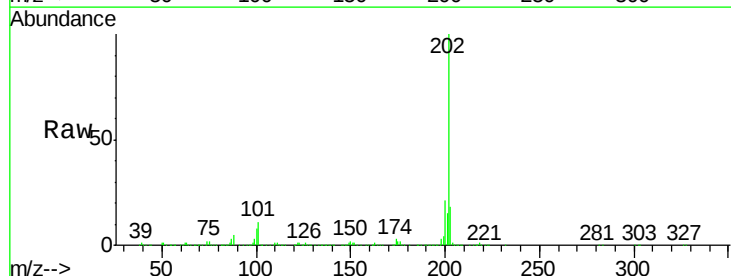
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-(2-4)

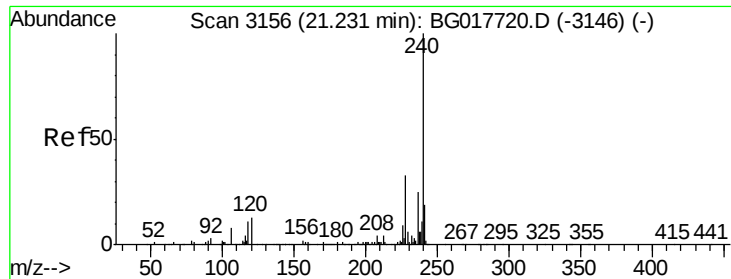
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	14.8	13.6	20.4



#74
 Fluoranthene
 Concen: 18.28 ng
 RT: 19.03 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BG018038.D
 Acq: 22 Jul 2015 1:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.3
203	18.0	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

Instrument :

BNA_G

ClientSampleId :

SB-3-(2-4)

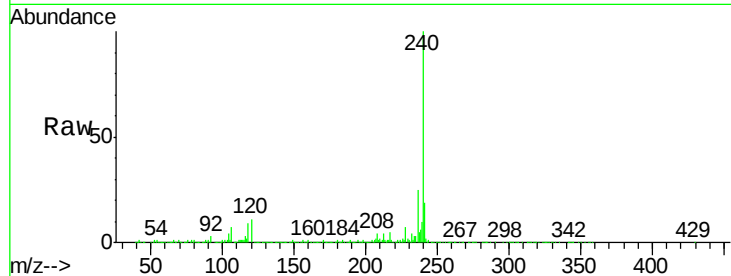
Tgt Ion:240 Resp: 356530

Ion Ratio Lower Upper

240 100

120 10.9 10.8 16.2

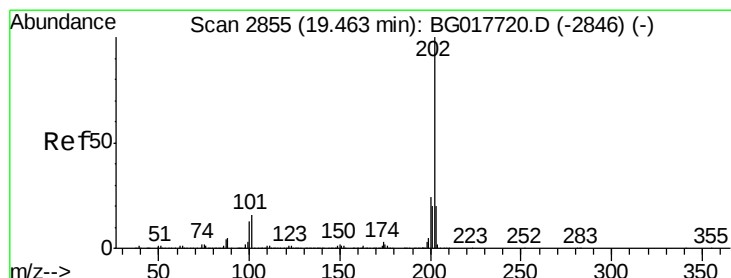
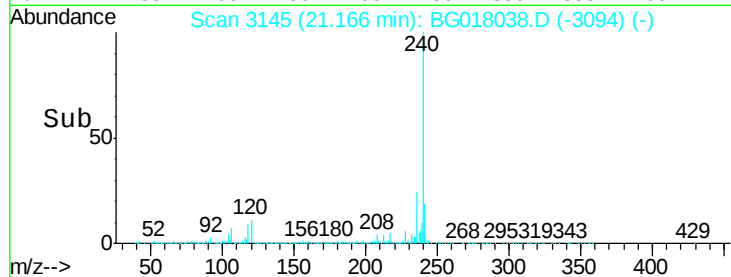
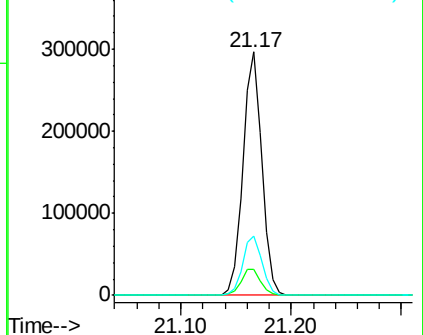
236 24.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 14.21 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG018038.D

Acq: 22 Jul 2015 1:56

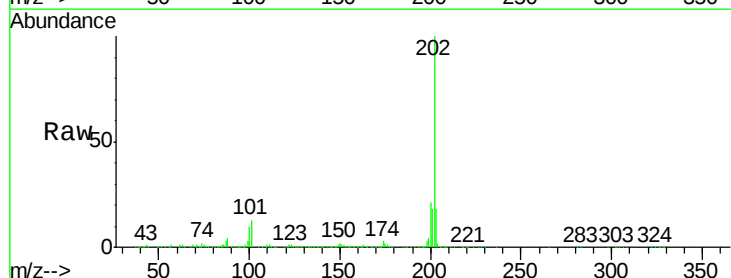
Tgt Ion:202 Resp: 282636

Ion Ratio Lower Upper

202 100

200 20.9 18.8 28.2

203 18.4 15.9 23.9



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

