

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033735.D
 Acq On : 11 Apr 2018 6:17
 Operator : SJ/JU
 Sample : J2303-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M11

Quant Time: Apr 11 07:10:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28939	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	119936	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87639	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	269220	20.00	ng	0.00
75) Chrysene-d12	22.55	240	310204	20.00	ng	0.00
86) Perylene-d12	26.31	264	320599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	243992	158.10	ng	0.00
7) Phenol-d6	7.97	99	314624	118.65	ng	0.00
23) Nitrobenzene-d5	10.05	82	256394	98.22	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	202447	154.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	599902	98.82	ng	0.00
78) Terphenyl-d14	20.72	244	1430966	98.65	ng	0.00

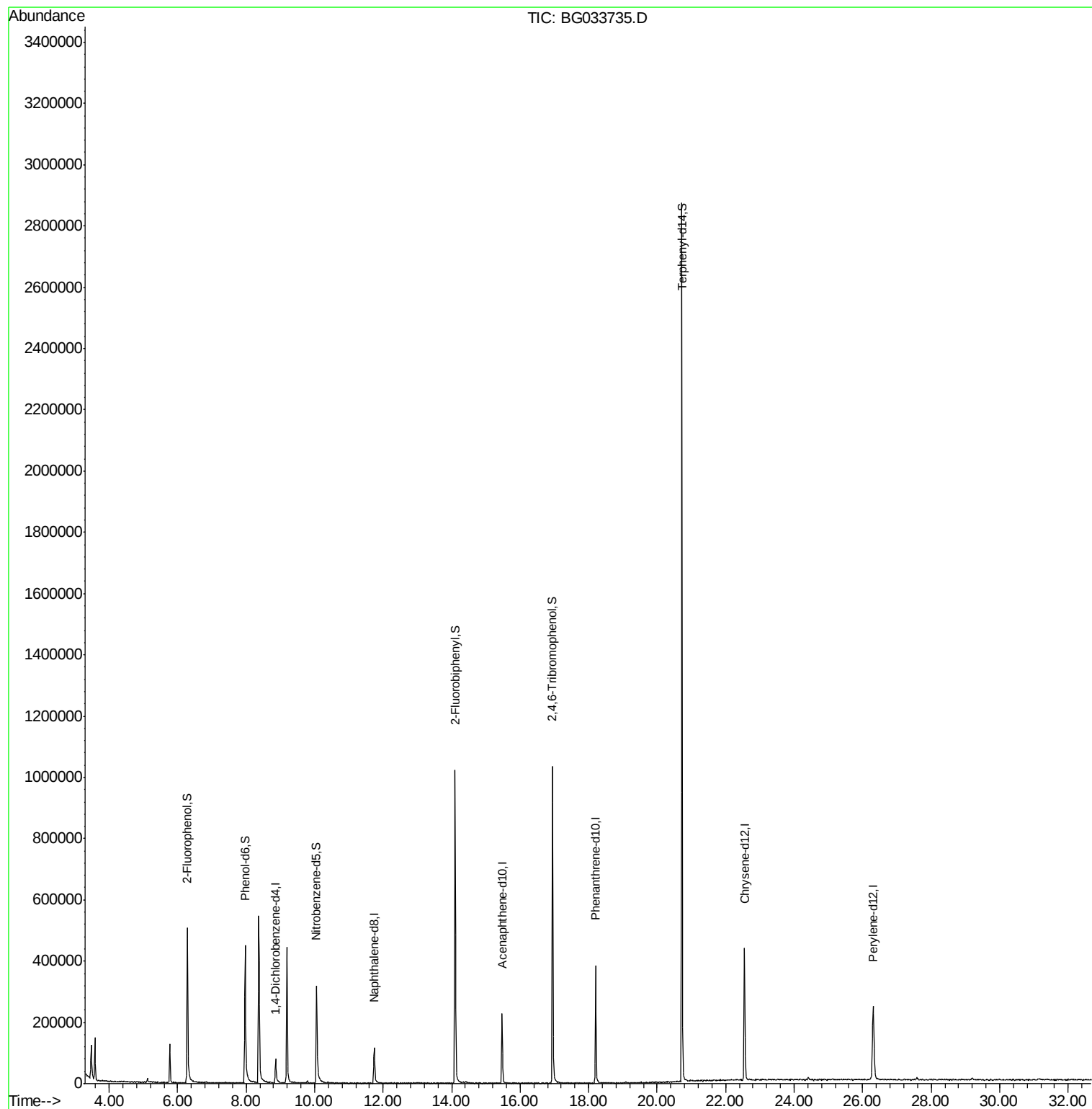
Target Compounds Qvalue

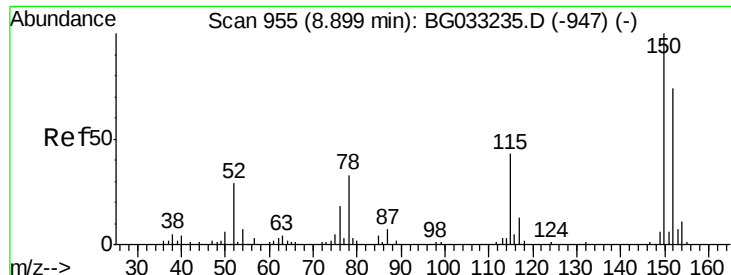
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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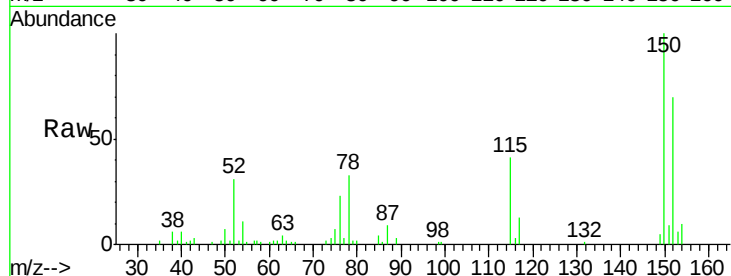


#1

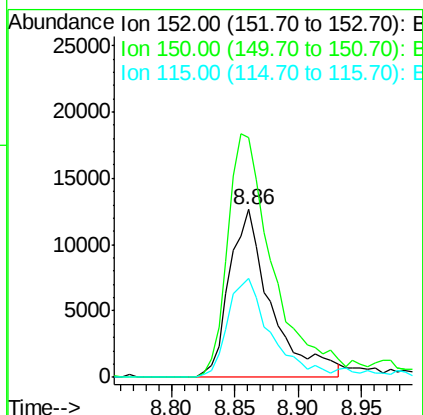
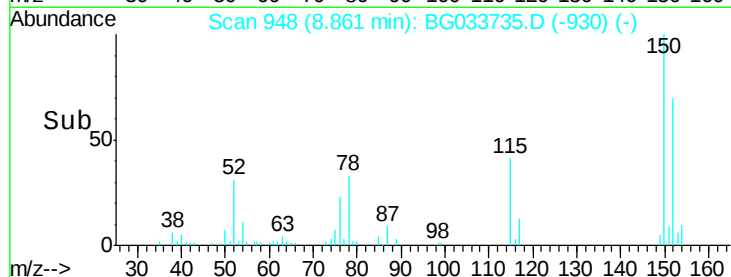
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Instrument :
BNA_G
ClientSampleId :
M11

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	126.6	189.8
115	58.9	53.0	79.4



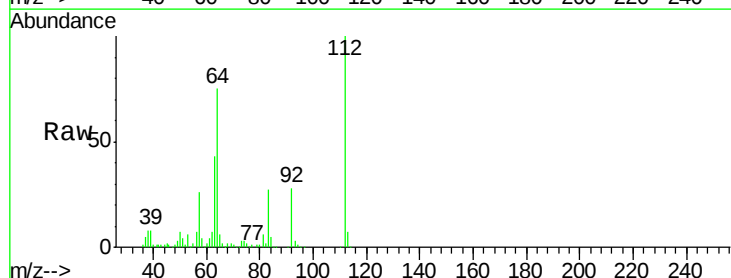
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



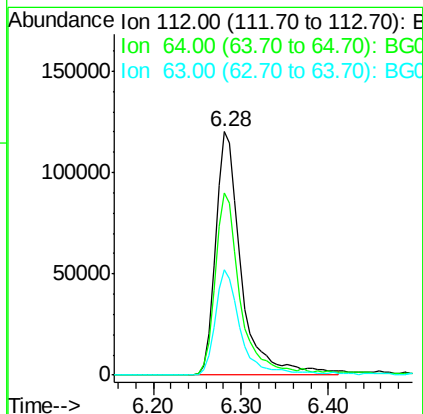
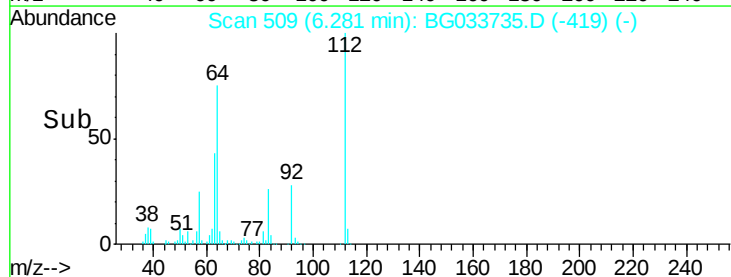
#5

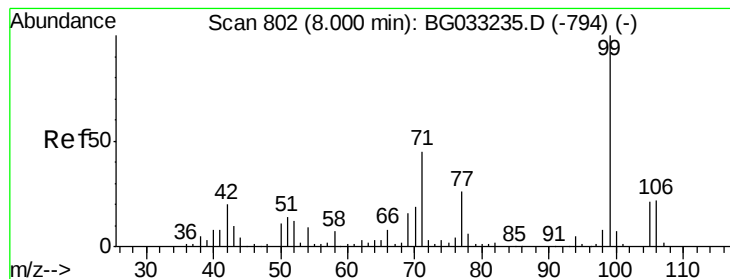
2-Fluorophenol
Concen: 158.096 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	56.3	84.5
63	43.1	30.1	45.1



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: 118.649 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

Instrument :

BNA_G

ClientSampleId :

M11

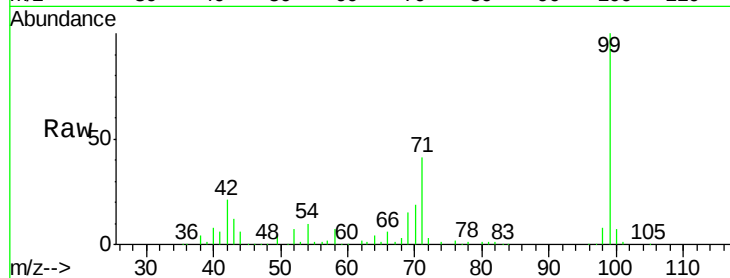
Tot Ion: 99 Resp: 314624

Ion Ratio Lower Upper

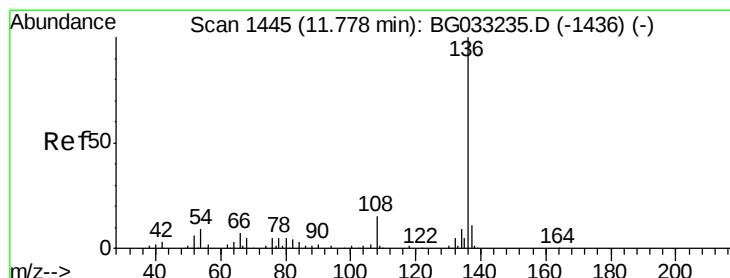
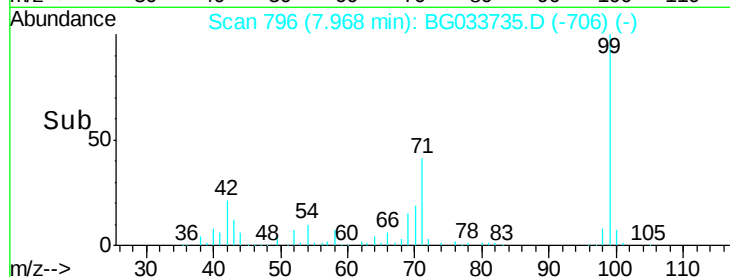
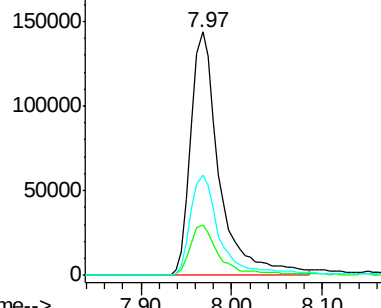
99 100

42 20.8 14.1 21.1

71 41.1 26.1 39.1#



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: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

Tgt Ion: 136 Resp: 119936

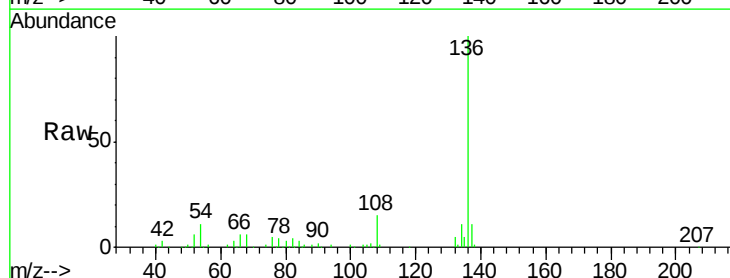
Ion Ratio Lower Upper

136 100

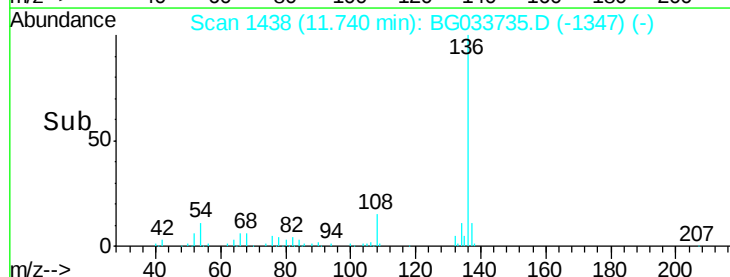
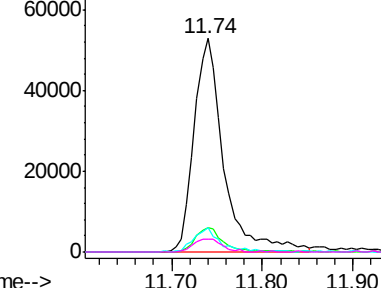
137 11.3 9.2 13.8

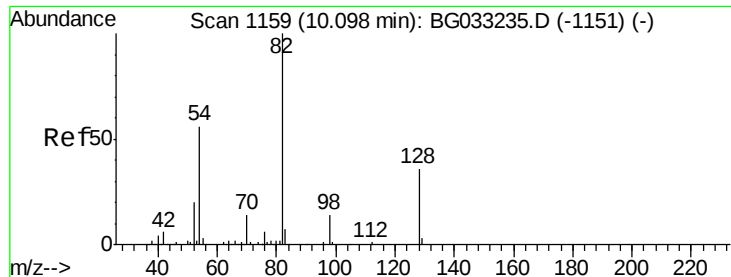
54 11.4 10.3 15.5

68 5.8 4.5 6.7



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

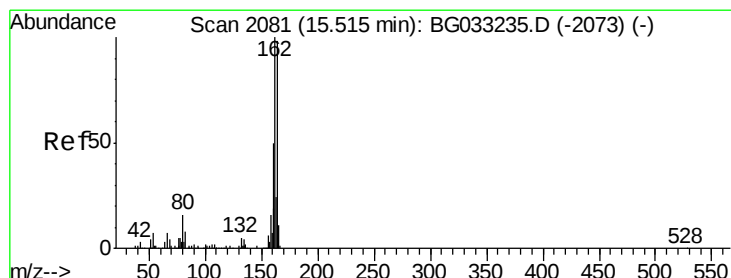
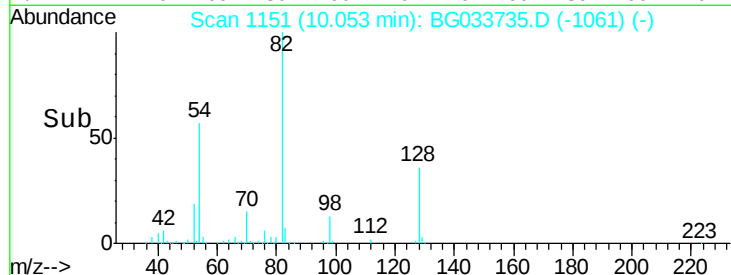
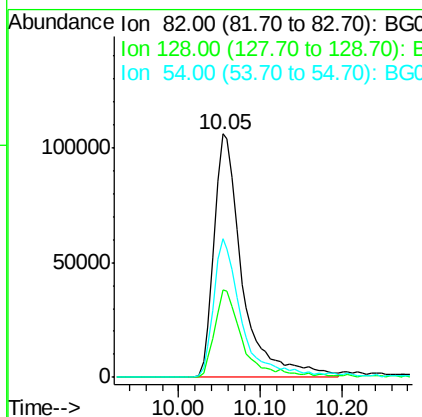
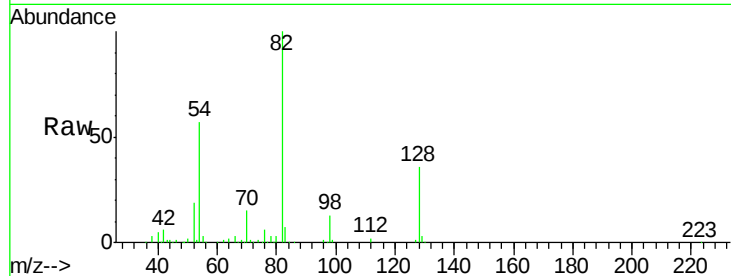




#23
 Nitrobenzene-d5
 Concen: 98.217 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

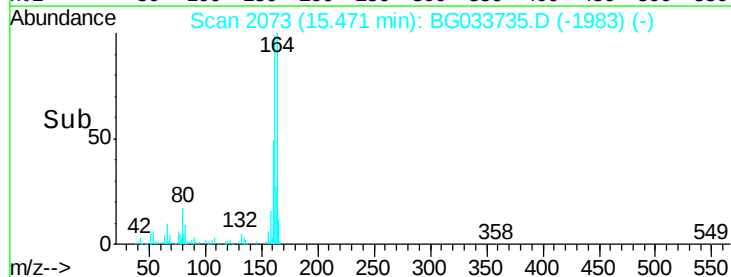
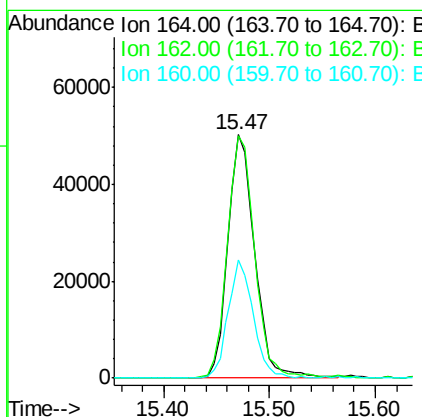
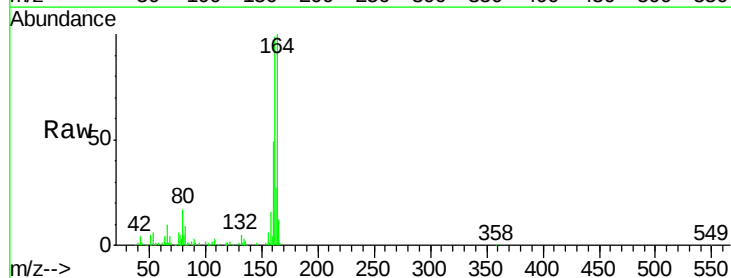
Instrument :
 BNA_G
 ClientSampleId :
 M11

Tot Ion	82	Resp	256394
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	57.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion	164	Resp	87639
Ion Ratio	Lower	Upper	
164	100		
162	99.4	78.8	118.2
160	48.6	35.4	53.0

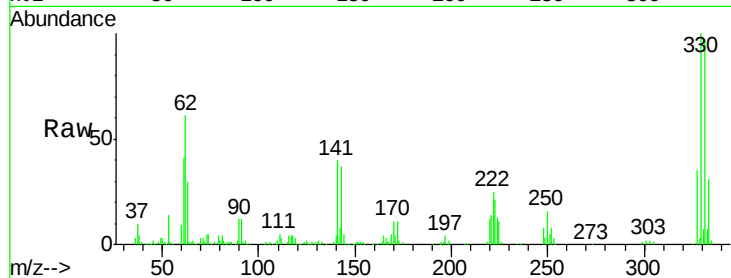




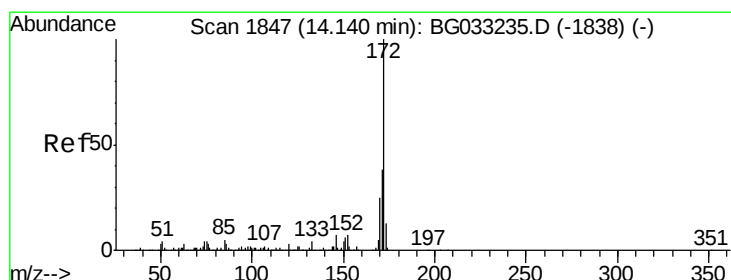
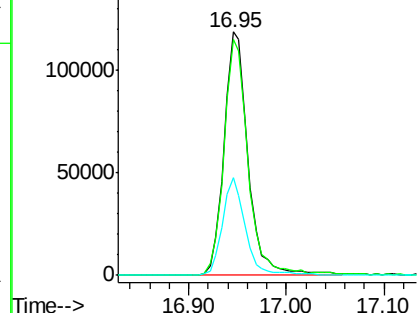
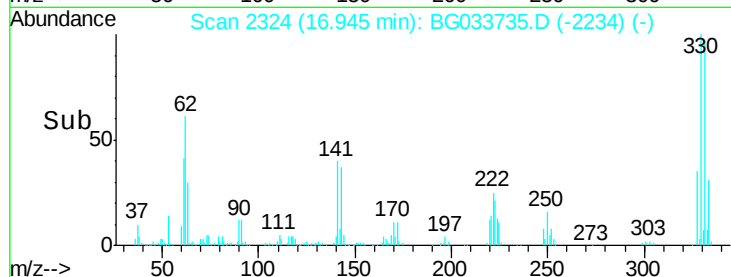
#41
 2,4,6-Tribromophenol
 Concen: 154.452 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 M11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.4	25.2	37.8#

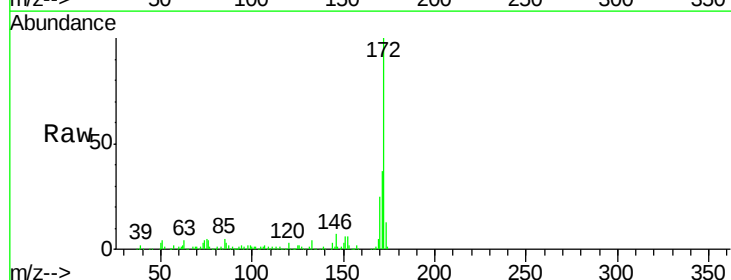


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

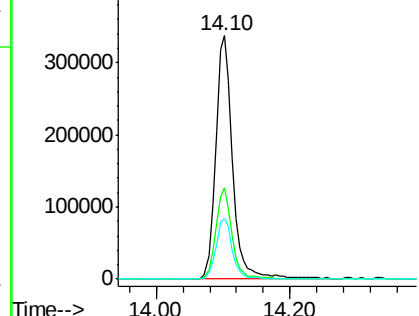
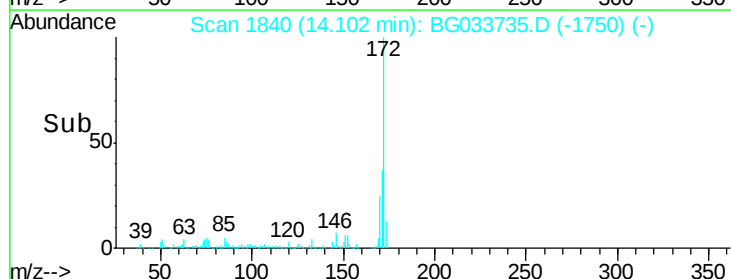


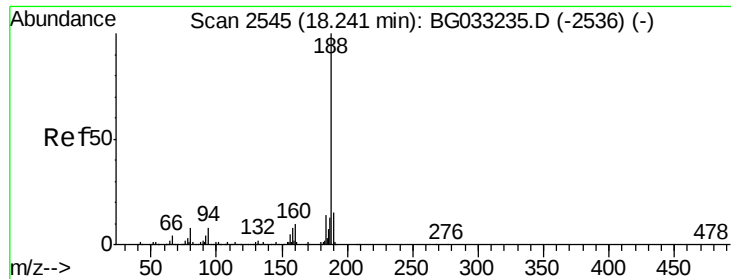
#44
 2-Fluorobiphenyl
 Concen: 98.819 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.7	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

Instrument :

BNA_G

ClientSampleId :

M11

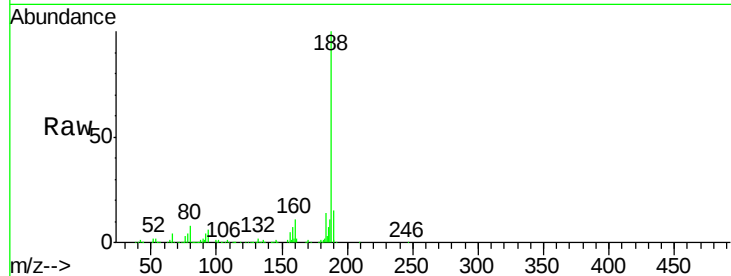
Tot Ion:188 Resp: 269220

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

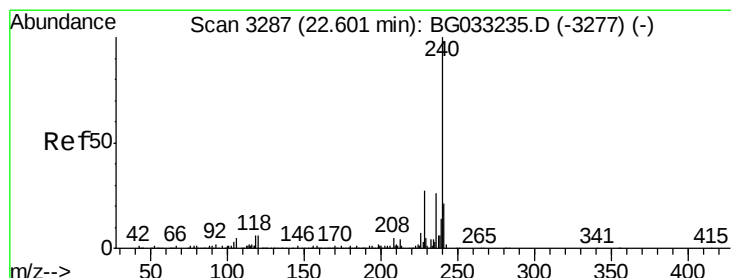
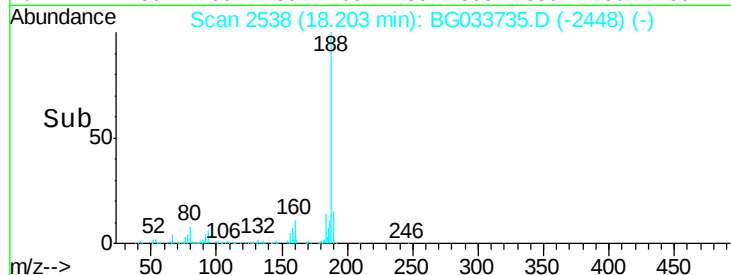
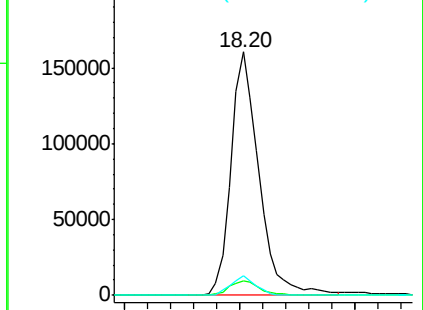
80 8.0 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

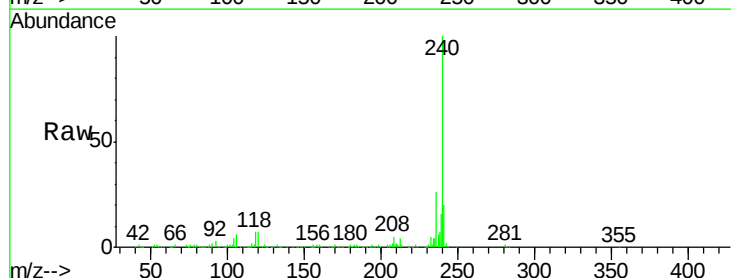
Tgt Ion:240 Resp: 310204

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

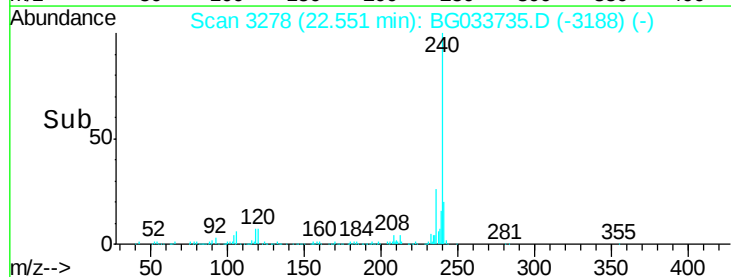
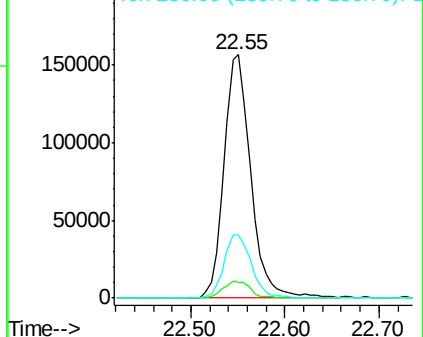
236 26.0 20.9 31.3

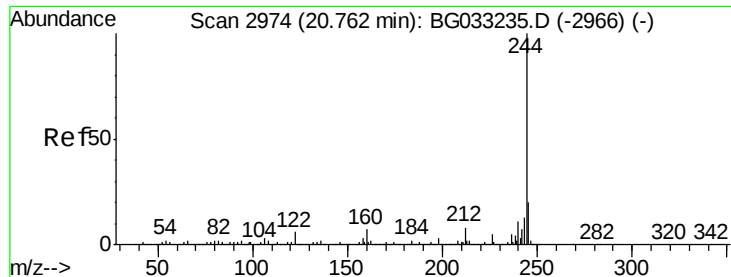


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

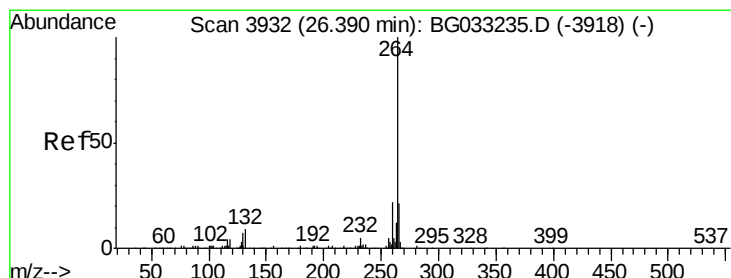
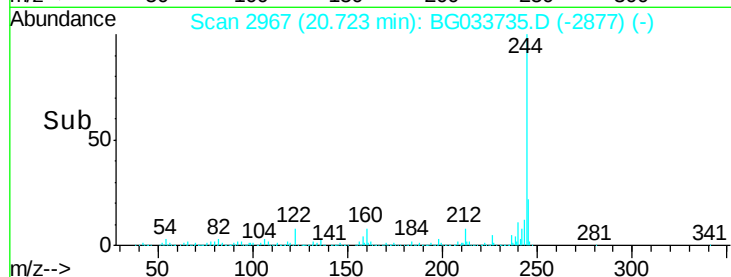
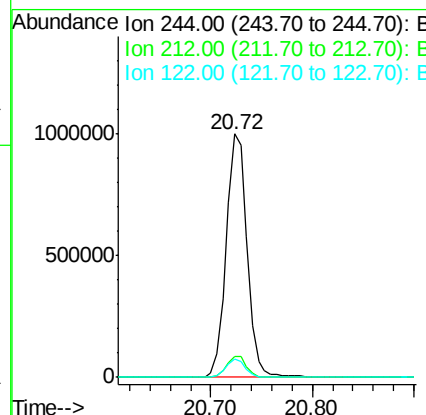
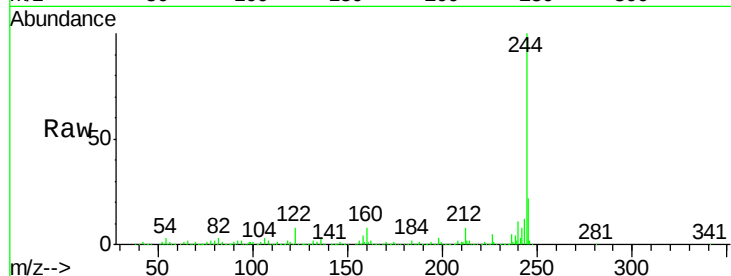




#78
 Terphenyl-d14
 Concen: 98.654 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 M11

Tot Ion:244 Resp: 1430966
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3917
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion:264 Resp: 320599
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.4 17.7 26.5

