

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033737.D
 Acq On : 11 Apr 2018 7:31
 Operator : SJ/JU
 Sample : J2306-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3075

Quant Time: Apr 11 08:49:14 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	33302	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	139191	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98580	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	286919	20.00	ng	0.00
75) Chrysene-d12	22.54	240	330662	20.00	ng	0.00
86) Perylene-d12	26.31	264	349791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	273940	154.25	ng	0.00
7) Phenol-d6	7.97	99	331082	108.50	ng	0.00
23) Nitrobenzene-d5	10.05	82	295720	97.61	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	222026	150.59	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	663715	97.20	ng	0.00
78) Terphenyl-d14	20.72	244	1487087	96.18	ng	0.00

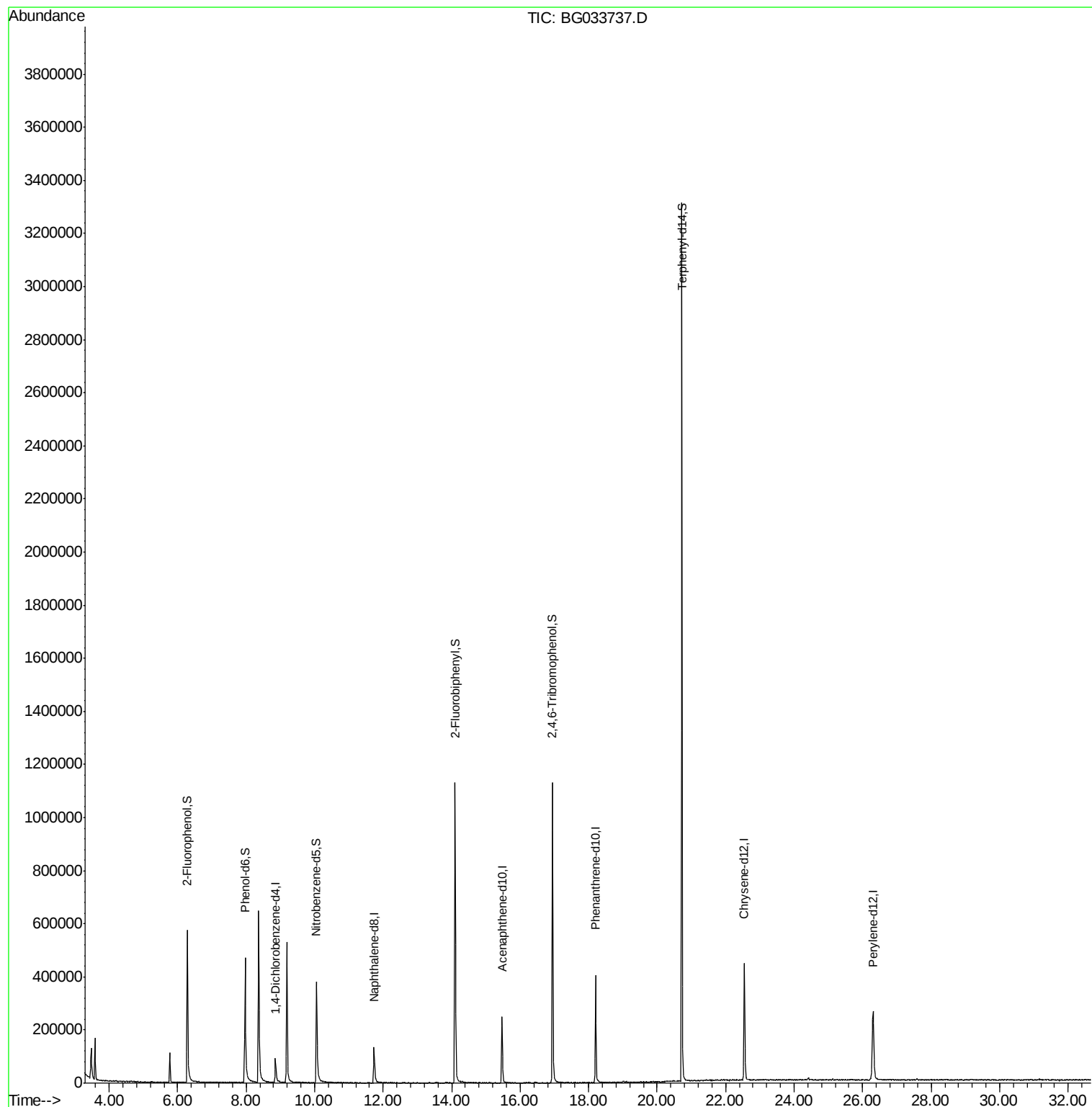
Target Compounds Qvalue

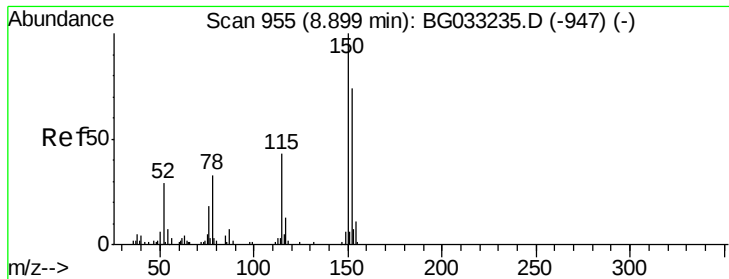
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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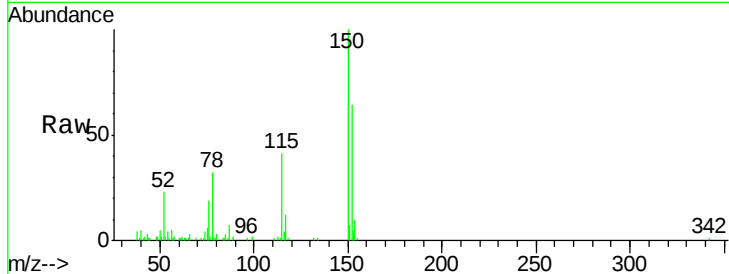


#1

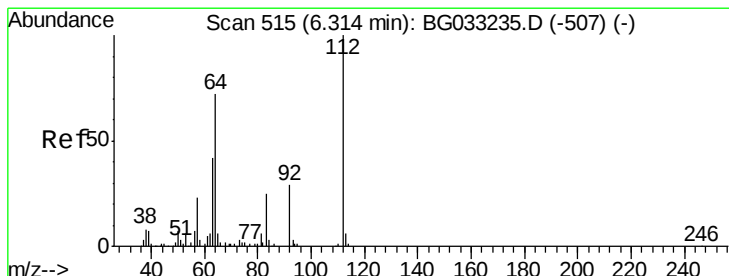
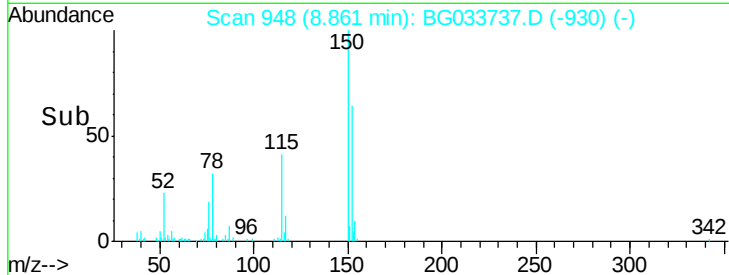
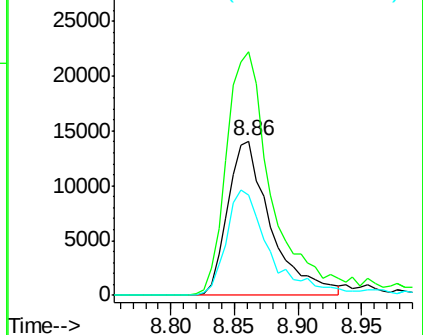
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033737.D
Acq: 11 Apr 2018 7:31

Instrument :
BNA_G
ClientSampleId :
RT3075

Tot Ion:152 Resp: 33302
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 65.1 53.0 79.4



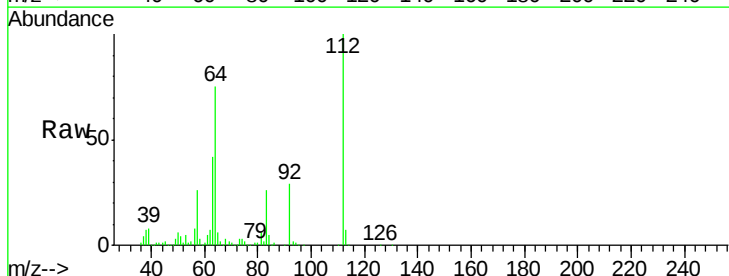
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



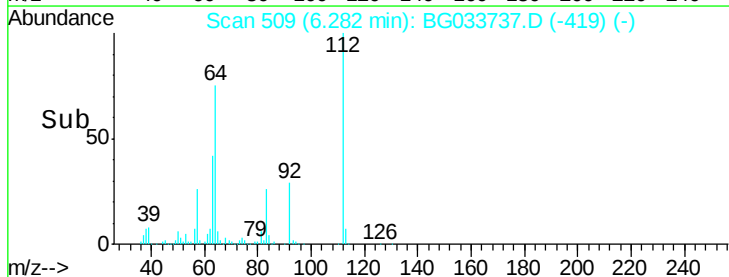
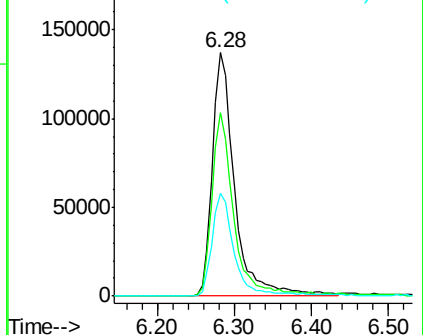
#5

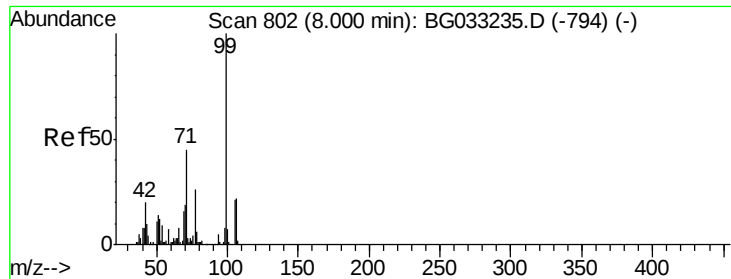
2-Fluorophenol
Concen: 154.246 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033737.D
Acq: 11 Apr 2018 7:31

Tgt Ion:112 Resp: 273940
Ion Ratio Lower Upper
112 100
64 75.1 56.3 84.5
63 42.2 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: 108.497 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033737.D

Acq: 11 Apr 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RT3075

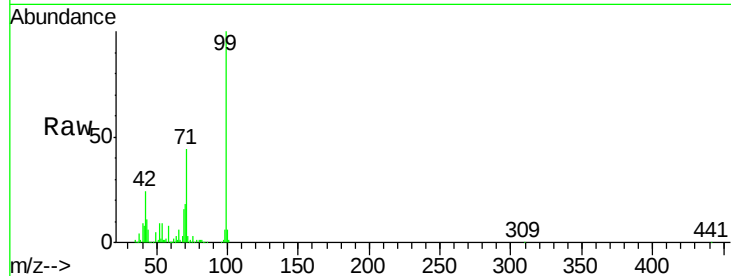
Tot Ion: 99 Resp: 331082

Ion Ratio Lower Upper

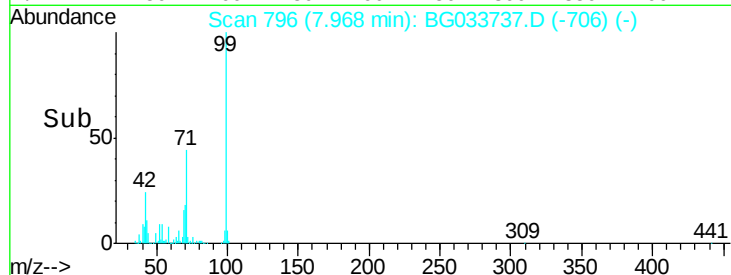
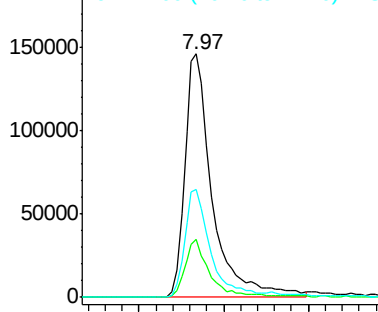
99 100

42 23.6 14.1 21.1#

71 44.3 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033737.D

Acq: 11 Apr 2018 7:31

Tgt Ion: 136 Resp: 139191

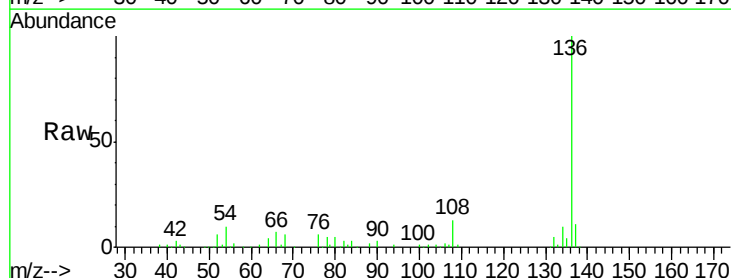
Ion Ratio Lower Upper

136 100

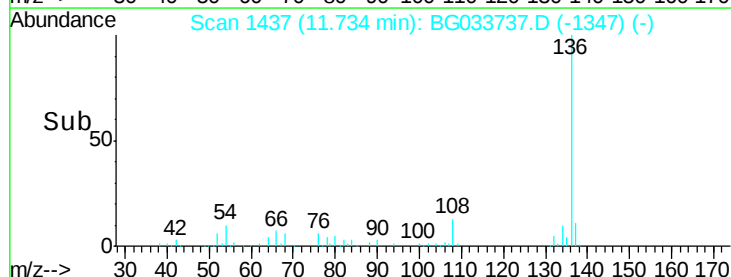
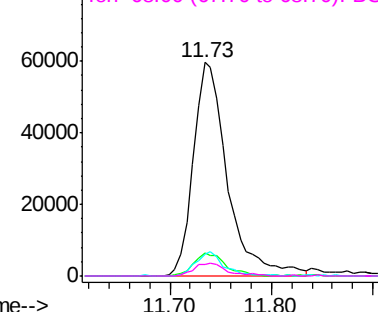
137 10.7 9.2 13.8

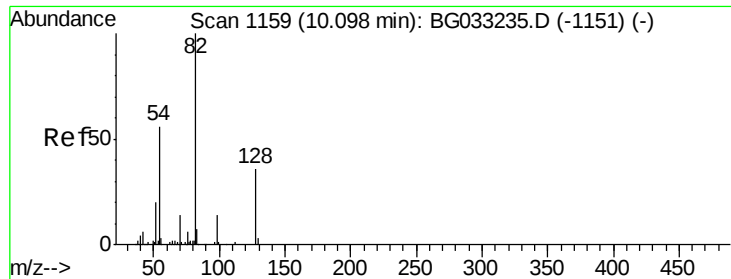
54 10.4 10.3 15.5

68 5.7 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

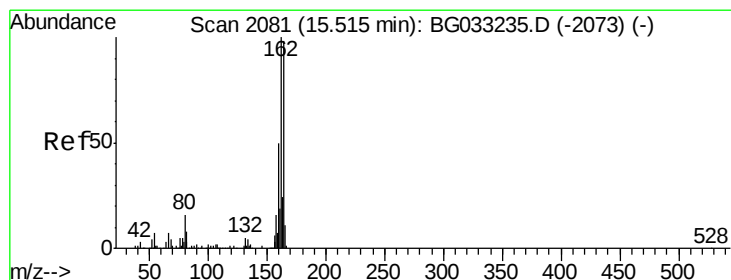
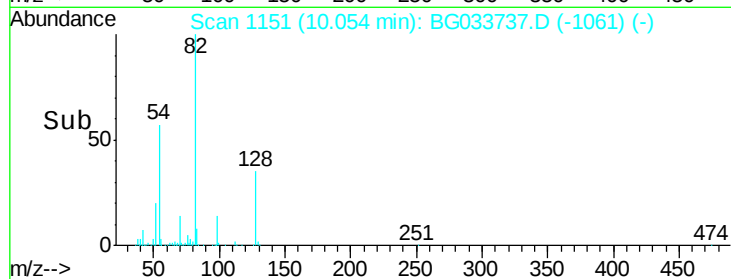
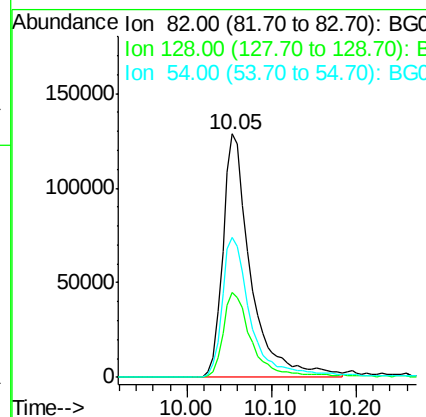
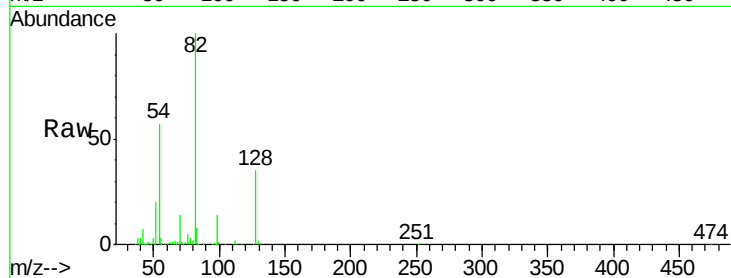




#23
 Nitrobenzene-d5
 Concen: 97.611 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033737.D
 Acq: 11 Apr 2018 7:31

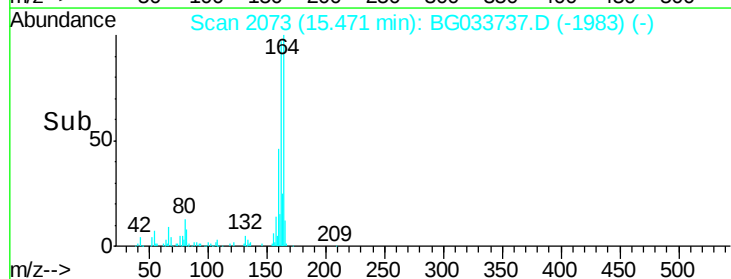
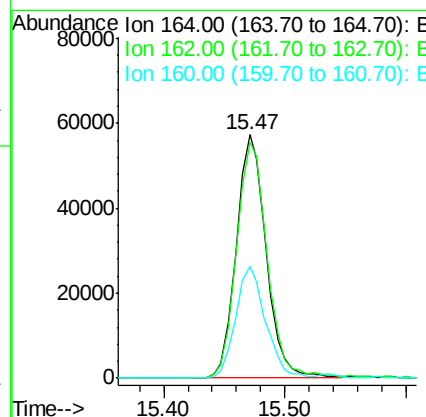
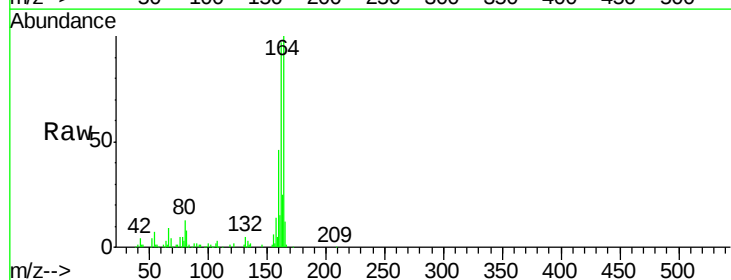
Instrument :
 BNA_G
 ClientSampleId :
 RT3075

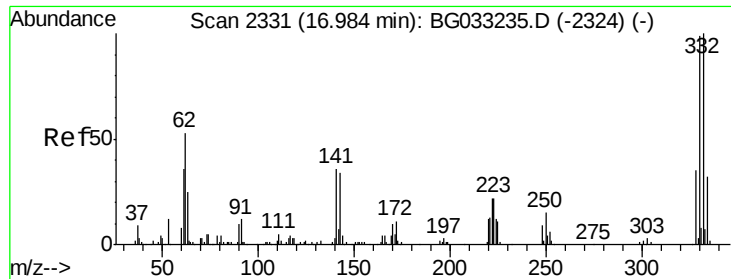
Tot Ion	82	Resp	295720
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	57.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033737.D
 Acq: 11 Apr 2018 7:31

Tgt Ion	164	Resp	98580
Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.8	118.2
160	45.8	35.4	53.0

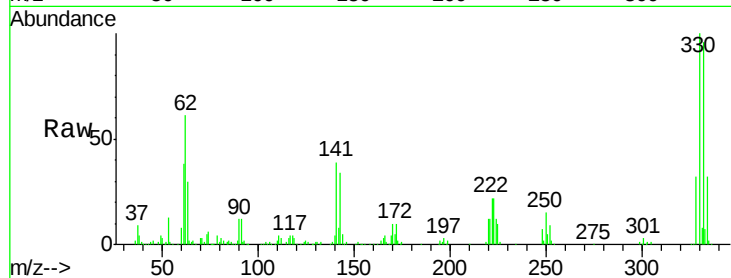




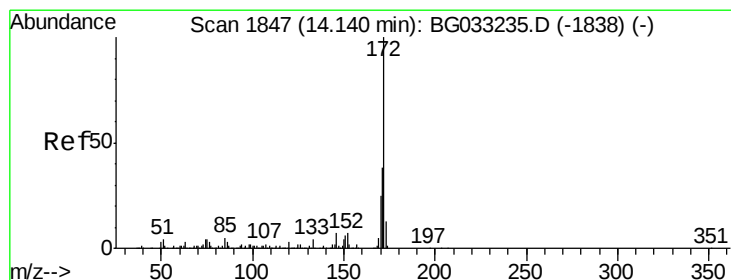
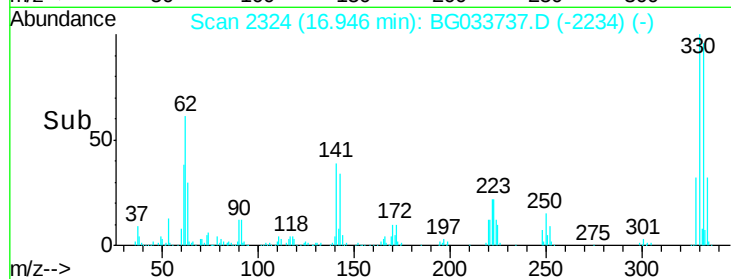
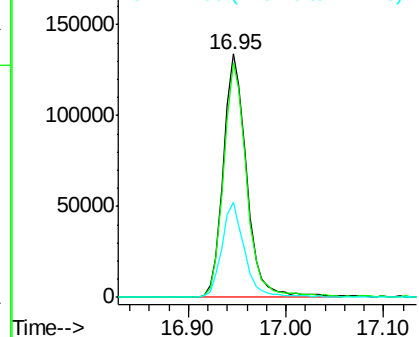
#41
 2,4,6-Tribromophenol
 Concen: 150.590 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033737.D
 Acq: 11 Apr 2018 7:31

Instrument :
 BNA_G
 ClientSampleId :
 RT3075

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.1	25.2	37.8#

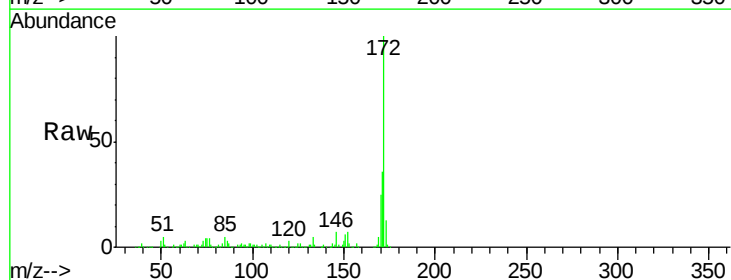


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

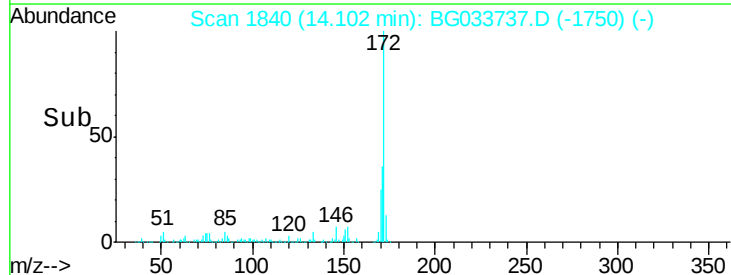
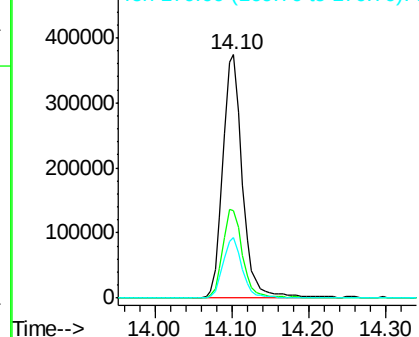


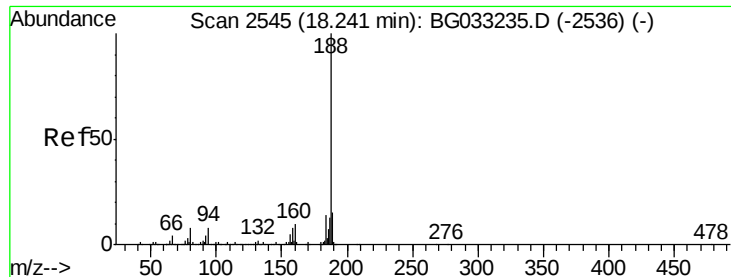
#44
 2-Fluorobiphenyl
 Concen: 97.196 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033737.D
 Acq: 11 Apr 2018 7:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: BG033737.D

Acq: 11 Apr 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RT3075

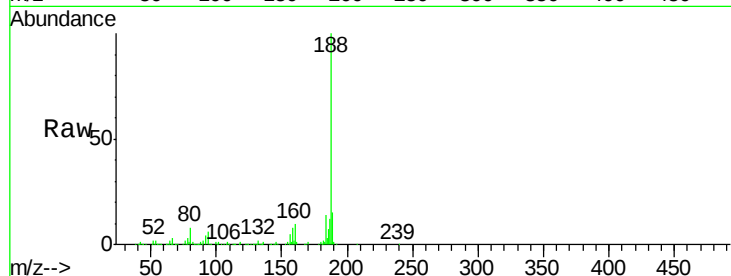
Tot Ion:188 Resp: 286919

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

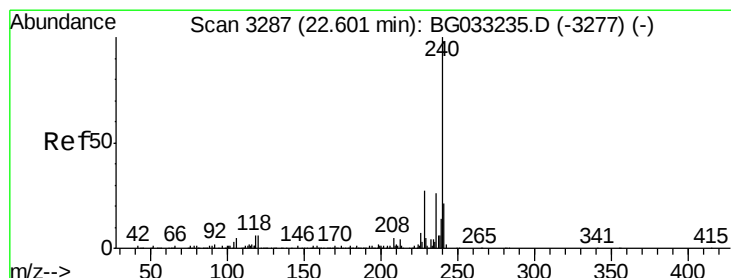
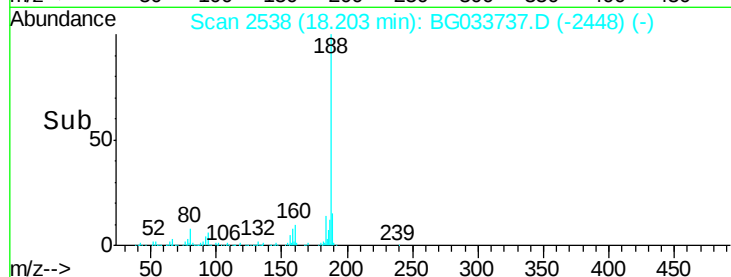
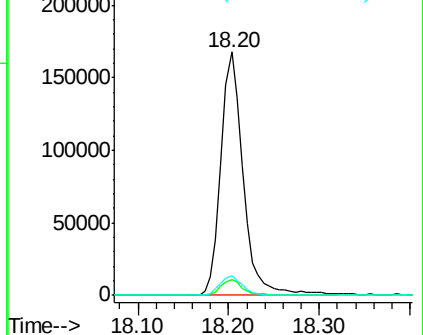
80 8.1 7.7 11.5



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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033737.D

Acq: 11 Apr 2018 7:31

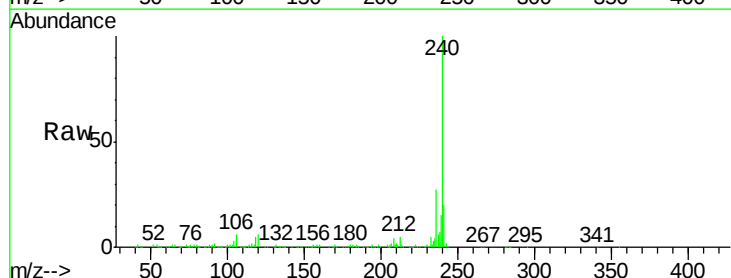
Tgt Ion:240 Resp: 330662

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

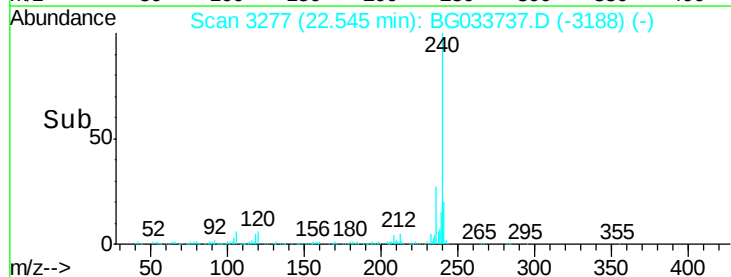
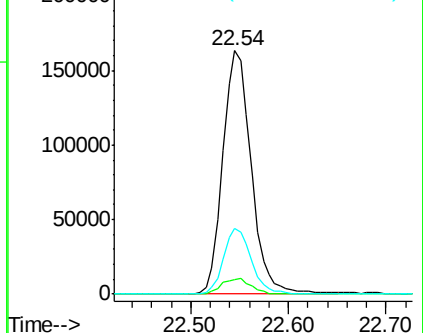
236 27.2 20.9 31.3

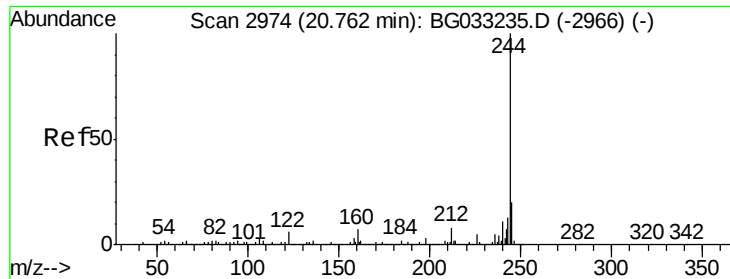


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.180 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033737.D

Acq: 11 Apr 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RT3075

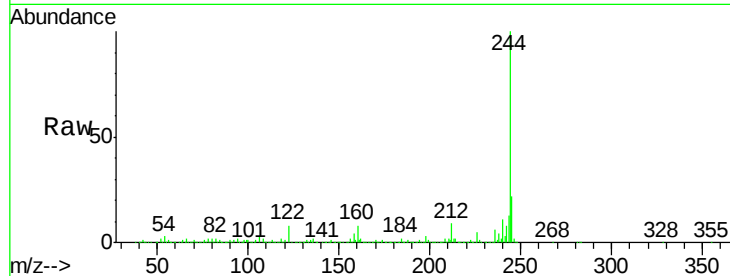
Tot Ion:244 Resp: 1487087

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.6	7.0	10.4

244 100

212 8.5 5.8 8.8

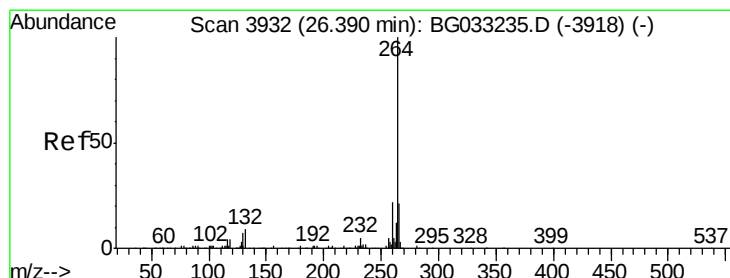
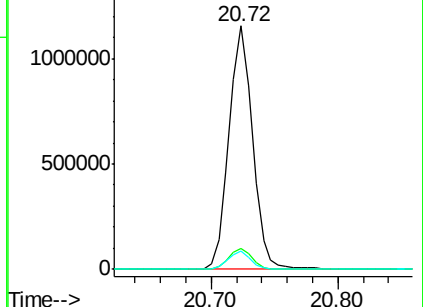
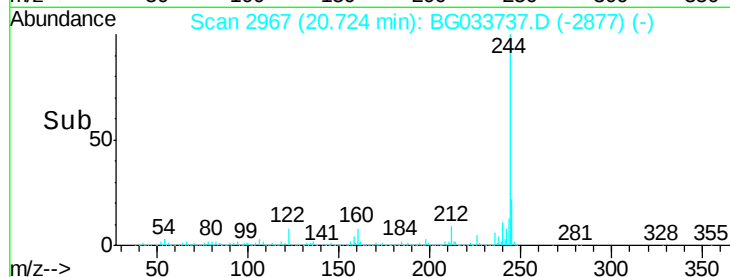
122 7.6 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033737.D

Acq: 11 Apr 2018 7:31

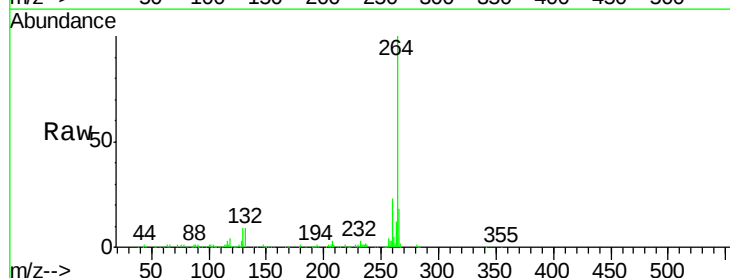
Tgt Ion:264 Resp: 349791

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	18.2	17.7	26.5

264 100

260 23.1 17.4 26.0

265 18.2 17.7 26.5



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

