

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033769.D
 Acq On : 12 Apr 2018 6:57
 Operator : SJ/JU
 Sample : J2321-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-D-B

Quant Time: Apr 12 08:15:05 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	8.85	152	27004	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	120052	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89321	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	261035	20.00	ng	0.00
75) Chrysene-d12	22.55	240	286372	20.00	ng	0.00
86) Perylene-d12	26.30	264	310070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78666	54.62	ng	0.00
7) Phenol-d6	7.97	99	69270	27.99	ng	0.00
23) Nitrobenzene-d5	10.06	82	263660	100.90	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	131281	98.27	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	626517	101.26	ng	0.00
78) Terphenyl-d14	20.72	244	1391595	103.92	ng	0.00

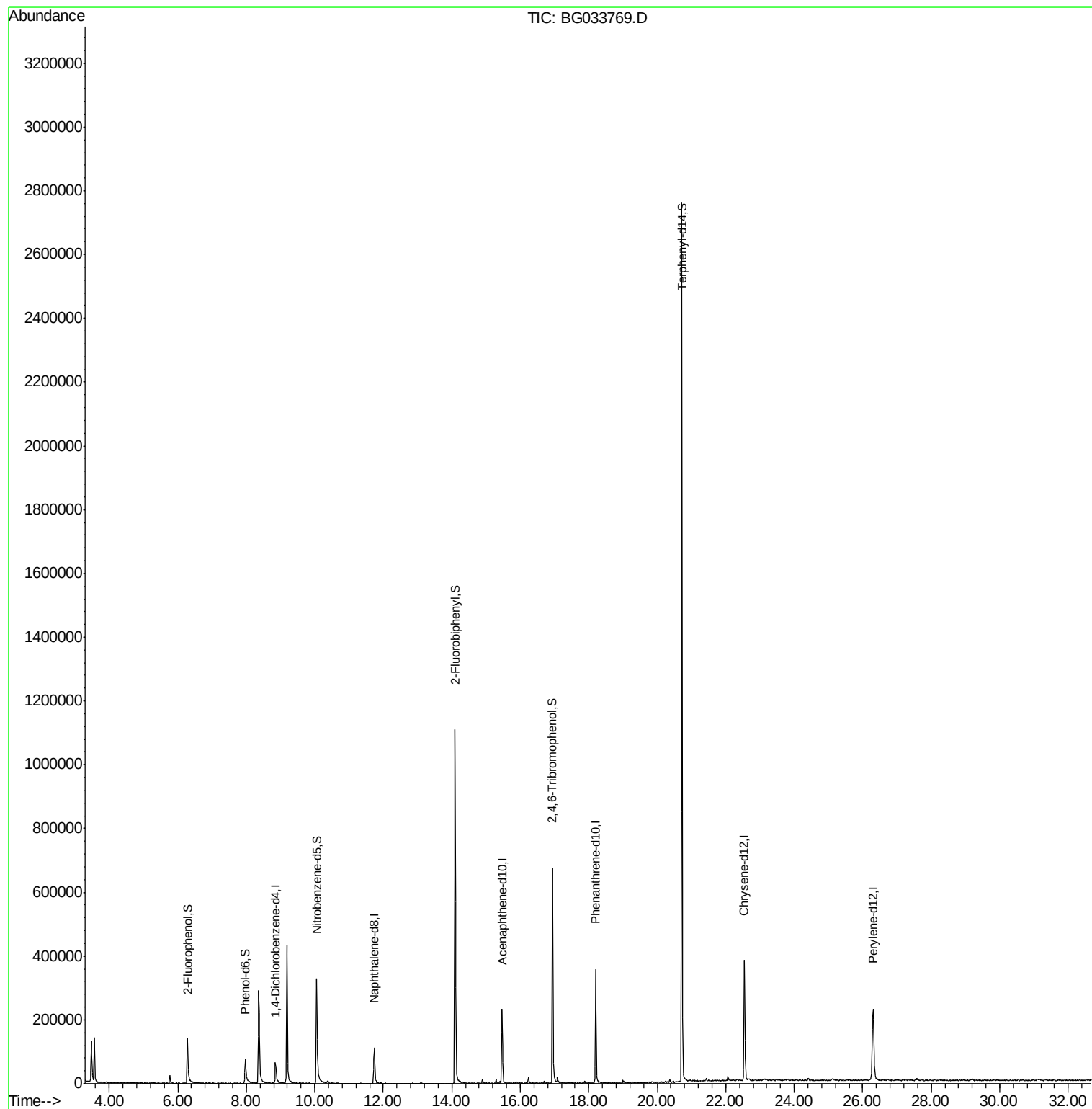
Target Compounds Qvalue

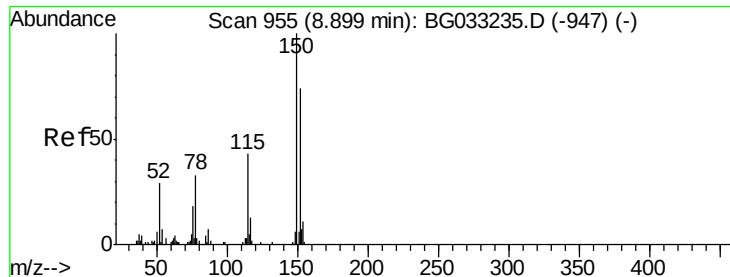
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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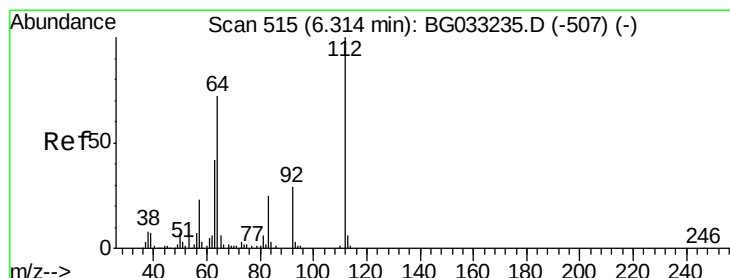
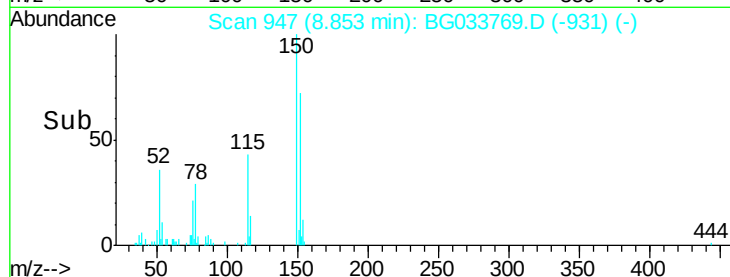
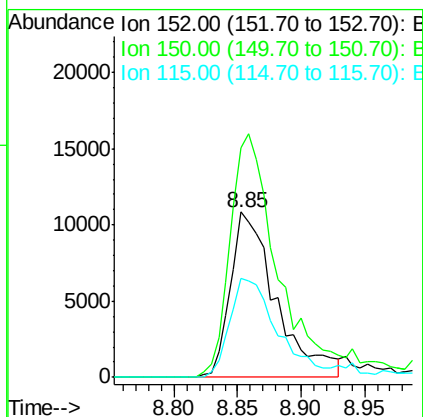
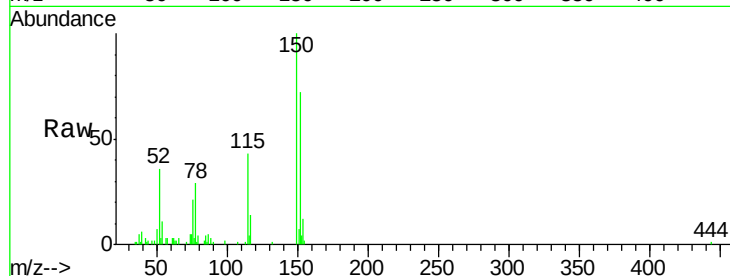


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033769.D
Acq: 12 Apr 2018 6:57

Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-D-B

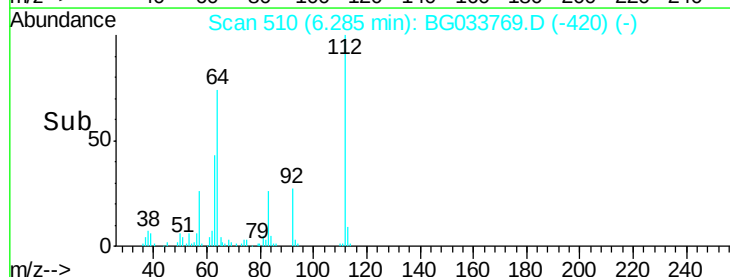
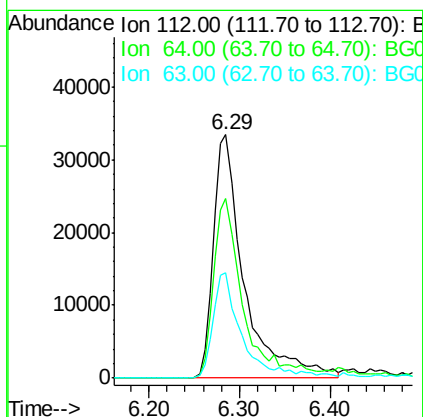
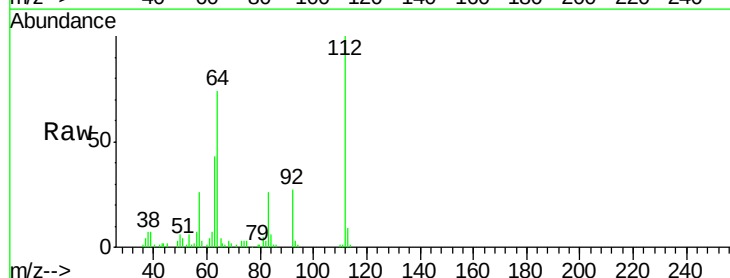
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	126.6	189.8
115	59.7	53.0	79.4

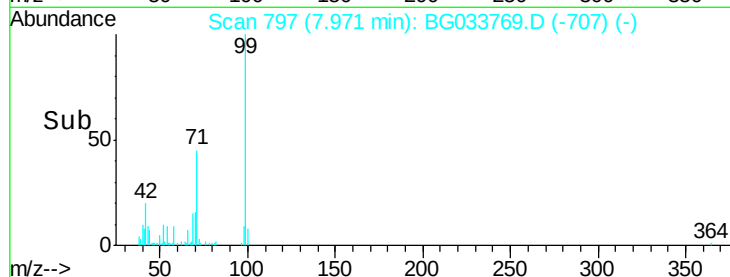
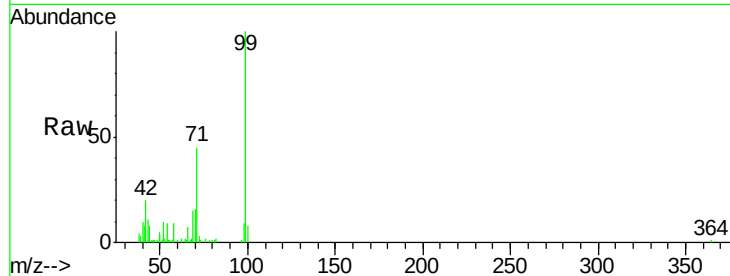
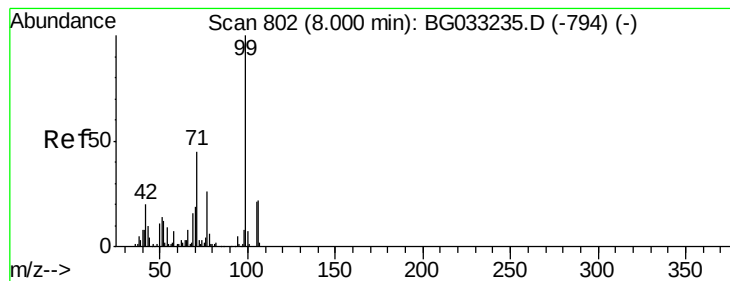


#5

2-Fluorophenol
Concen: 54.625 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033769.D
Acq: 12 Apr 2018 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	56.3	84.5
63	43.3	30.1	45.1





#7

Phenol-d6

Concen: 27.994 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033769.D

Acq: 12 Apr 2018 6:57

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-B

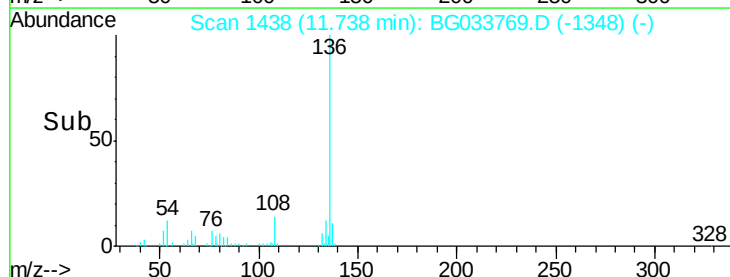
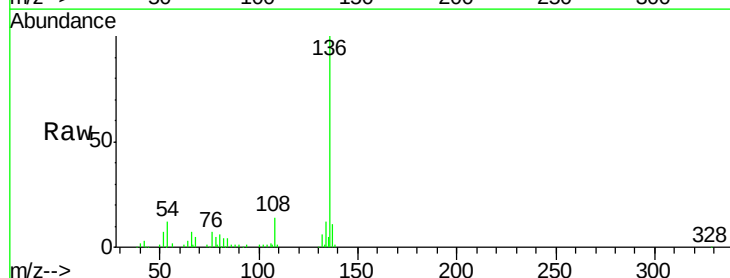
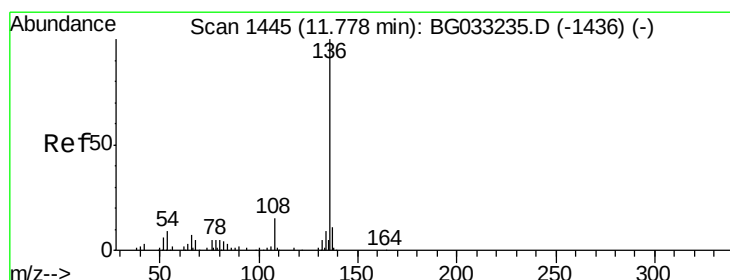
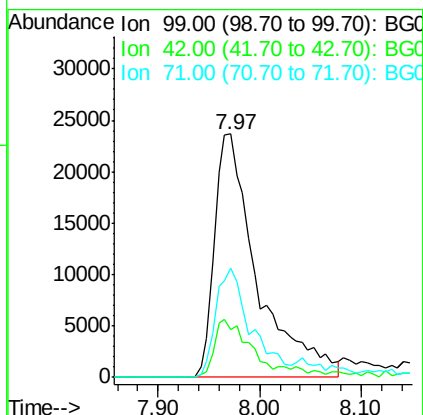
Tot Ion: 99 Resp: 69270

Ion Ratio Lower Upper

99 100

42 19.8 14.1 21.1

71 45.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033769.D

Acq: 12 Apr 2018 6:57

Tgt Ion: 136 Resp: 120052

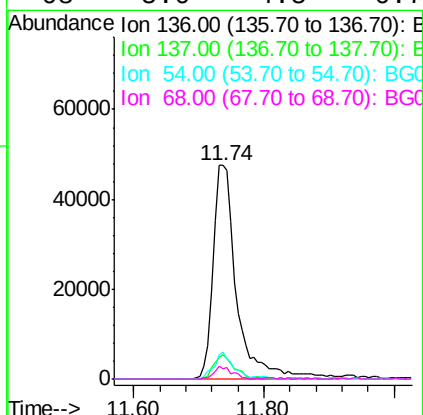
Ion Ratio Lower Upper

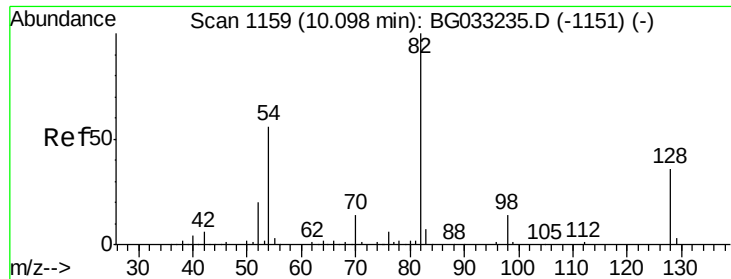
136 100

137 11.3 9.2 13.8

54 12.4 10.3 15.5

68 5.0 4.5 6.7

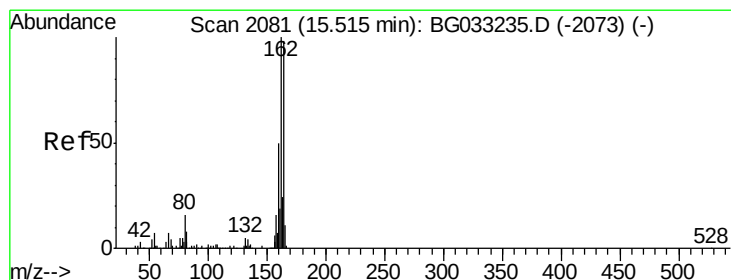
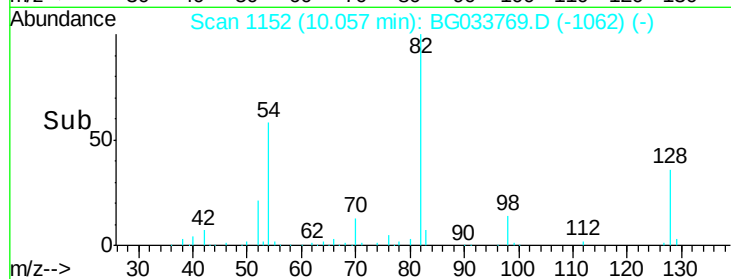
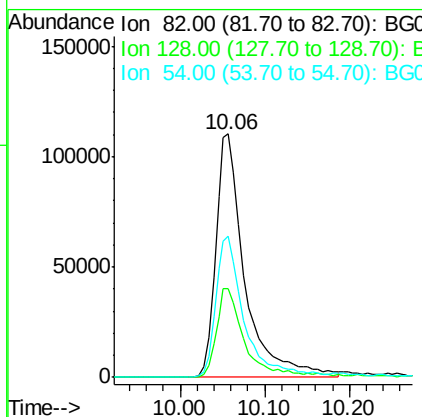
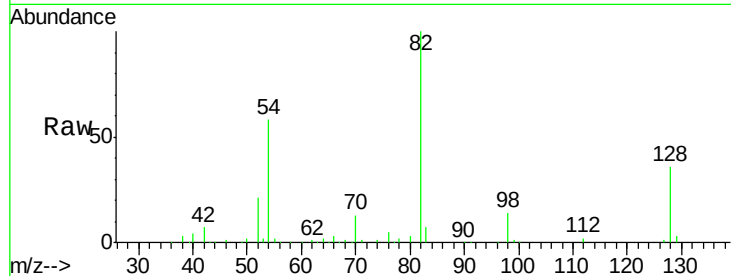




#23
Nitrobenzene-d5
Concen: 100.903 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033769.D
Acq: 12 Apr 2018 6:57

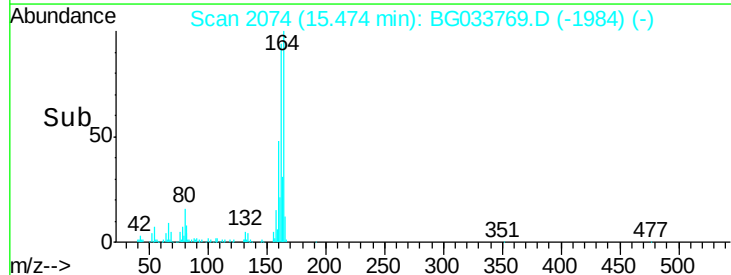
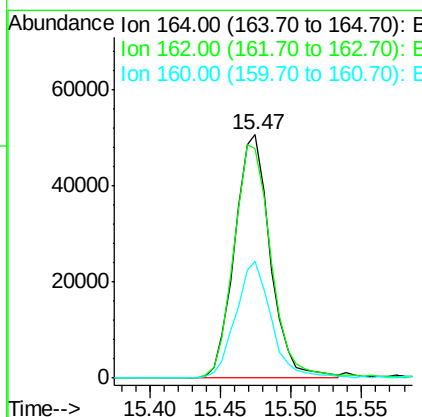
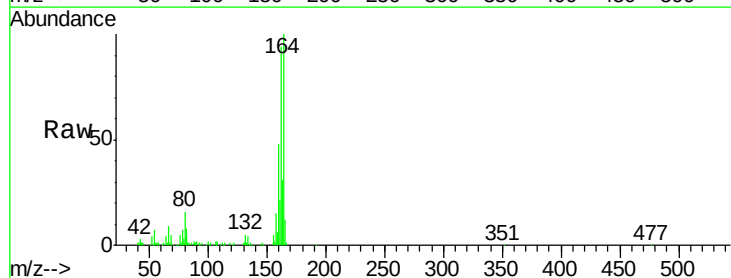
Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-D-B

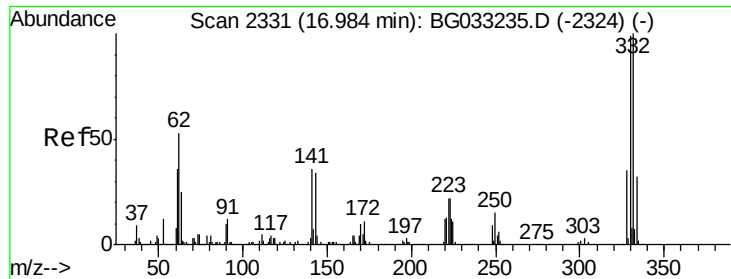
Tot Ion	82	Resp	263660
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.7	44.5
54	58.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033769.D
Acq: 12 Apr 2018 6:57

Tgt Ion	164	Resp	89321
Ion Ratio	Lower	Upper	
164	100		
162	94.4	78.8	118.2
160	47.9	35.4	53.0

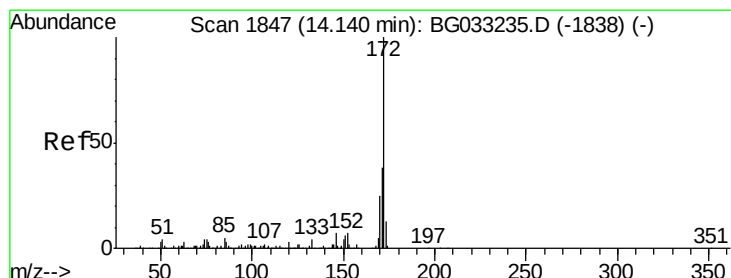
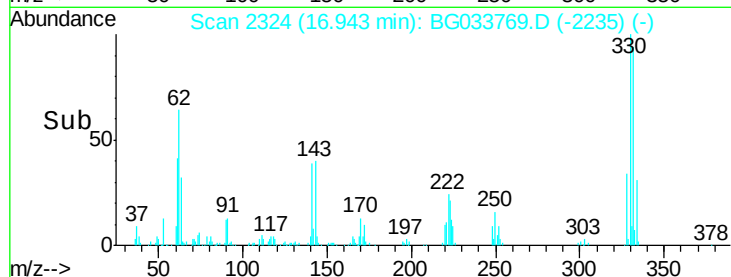
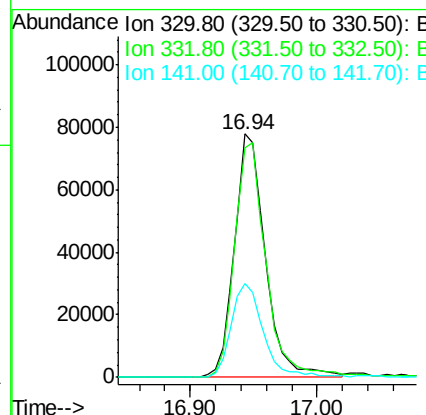
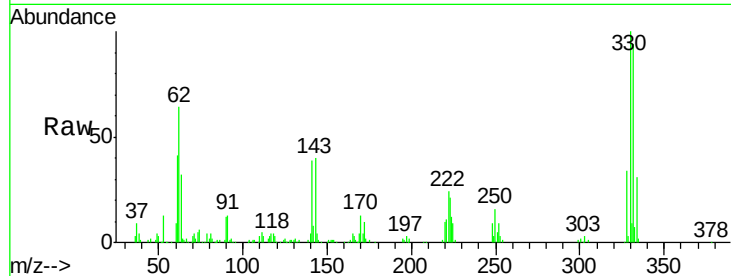




#41
 2,4,6-Tribromophenol
 Concen: 98.272 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033769.D
 Acq: 12 Apr 2018 6:57

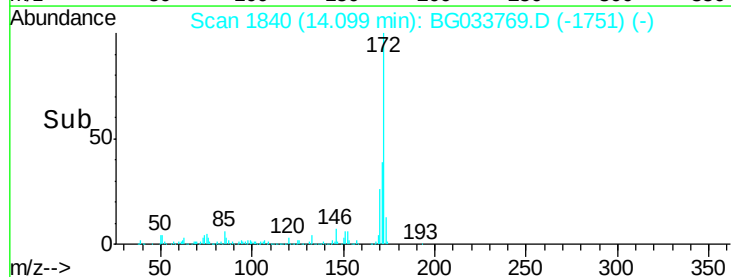
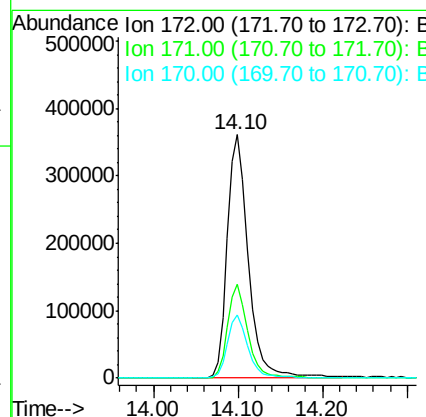
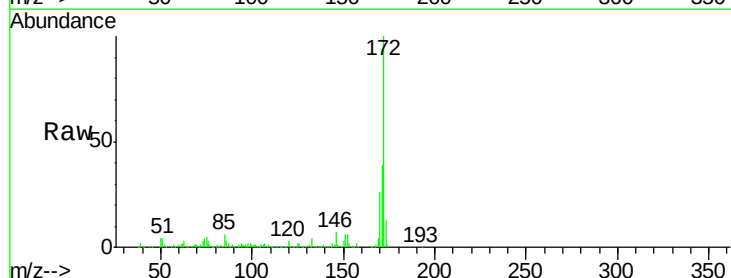
Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-D-B

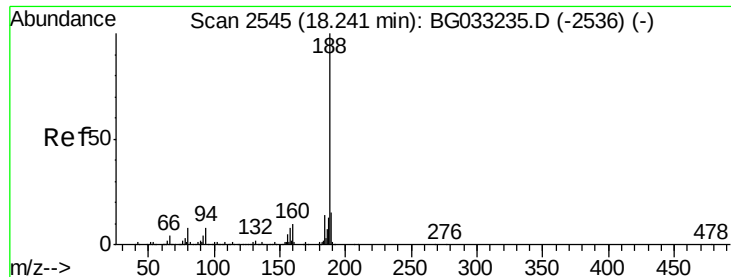
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	40.1	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.260 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033769.D
 Acq: 12 Apr 2018 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033769.D

Acq: 12 Apr 2018 6:57

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-B

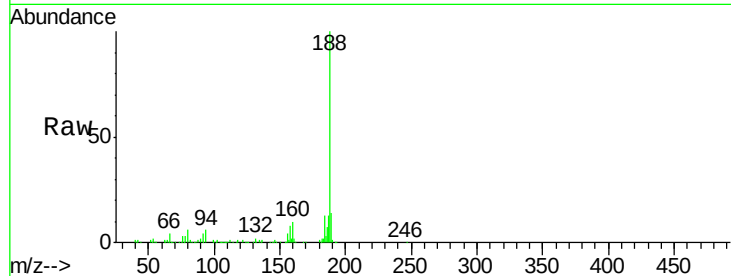
Tot Ion:188 Resp: 261035

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

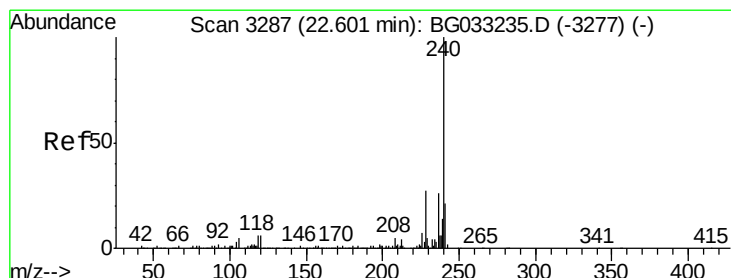
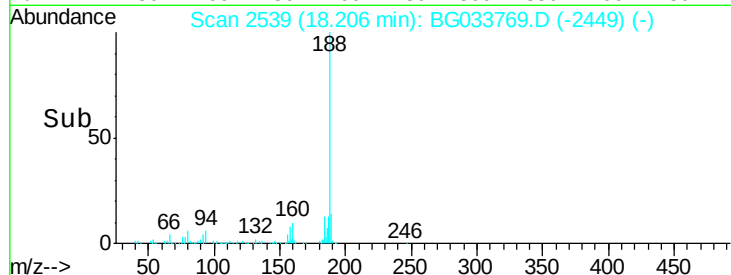
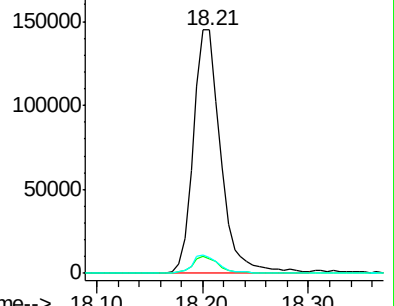
80 6.3 7.7 11.5#



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: BG033769.D

Acq: 12 Apr 2018 6:57

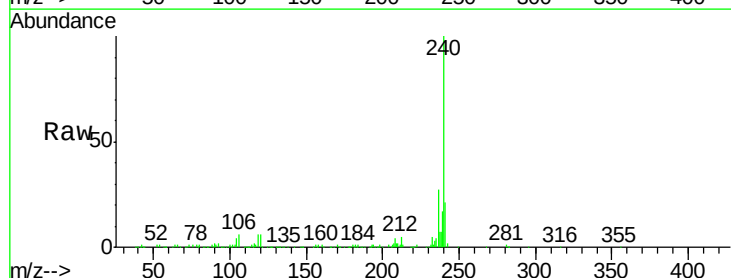
Tgt Ion:240 Resp: 286372

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

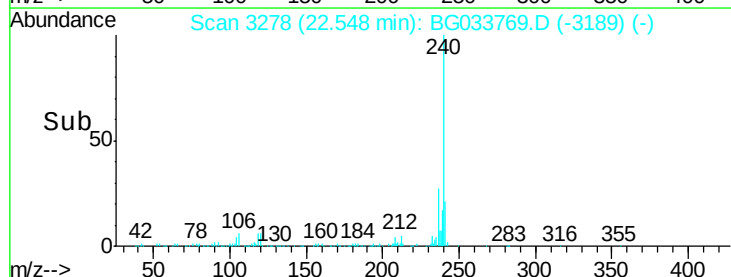
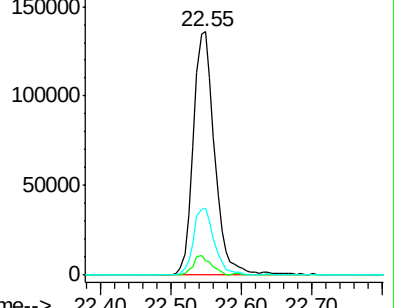
236 27.3 20.9 31.3

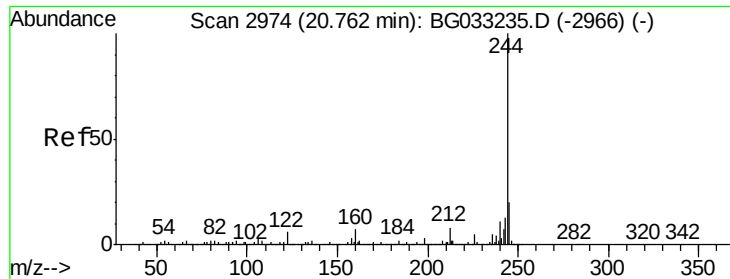


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.923 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033769.D

Acq: 12 Apr 2018 6:57

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-B

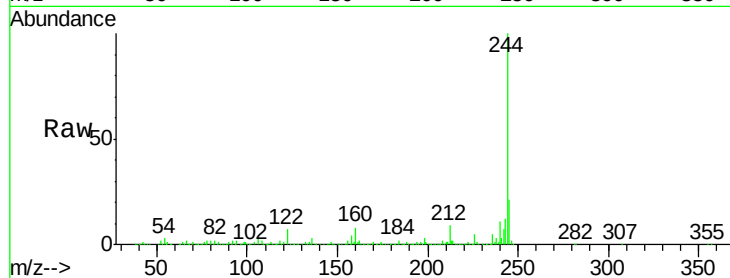
Tot Ion:244 Resp: 1391595

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

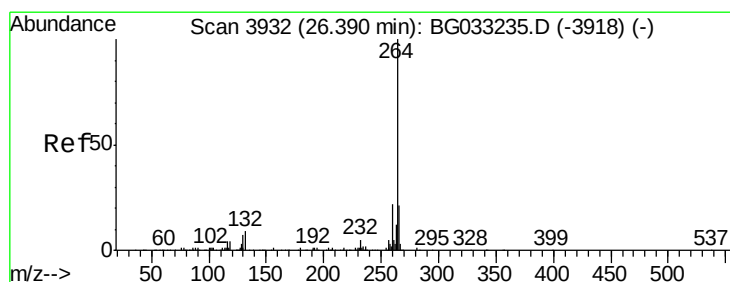
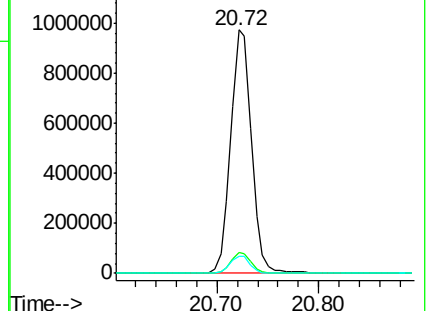
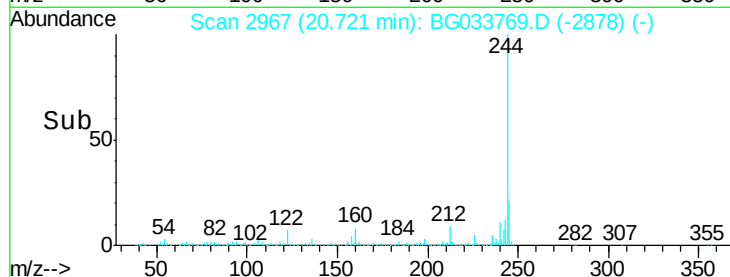
122 7.3 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033769.D

Acq: 12 Apr 2018 6:57

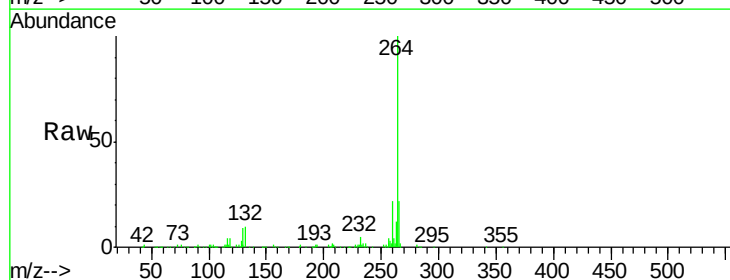
Tgt Ion:264 Resp: 310070

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 22.0 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

