

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033530.D
 Acq On : 3 Apr 2018 17:50
 Operator : SJ/JU
 Sample : J2131-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4534-37

Quant Time: Apr 03 18:54:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33666	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	145731	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118358	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325647	20.00	ng	0.00
75) Chrysene-d12	22.55	240	338531	20.00	ng	0.00
86) Perylene-d12	26.32	264	340370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	312225	173.90	ng	0.00
7) Phenol-d6	7.98	99	441817	143.22	ng	0.00
23) Nitrobenzene-d5	10.06	82	356793	112.48	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	266331	150.45	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	873813	106.58	ng	0.00
78) Terphenyl-d14	20.73	244	1719091	108.60	ng	0.00

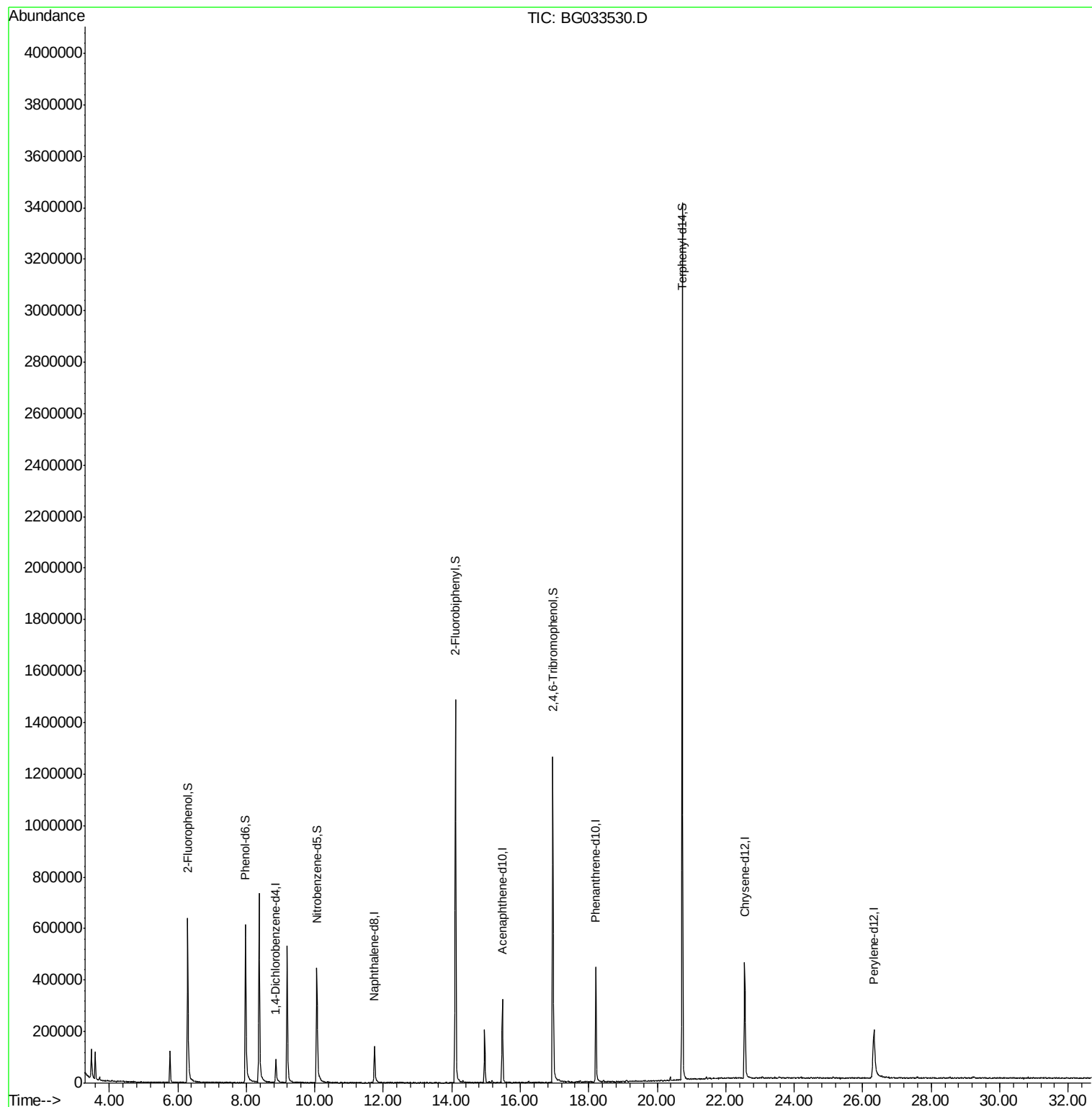
Target Compounds Qvalue

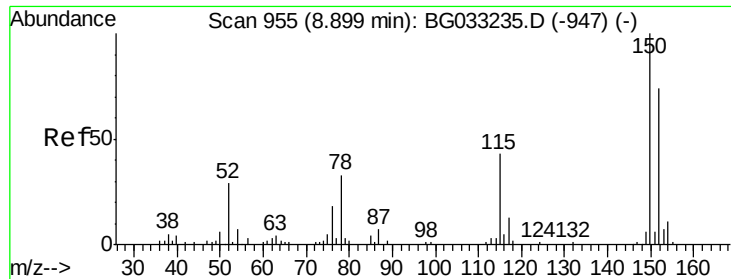
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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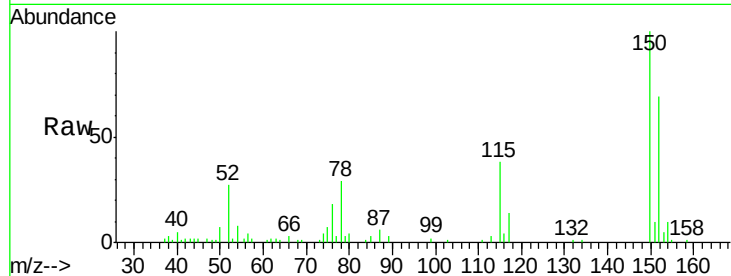


#1

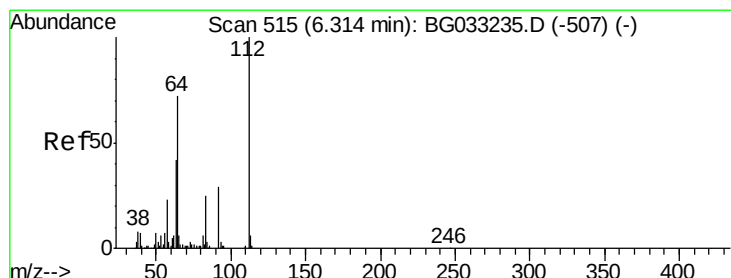
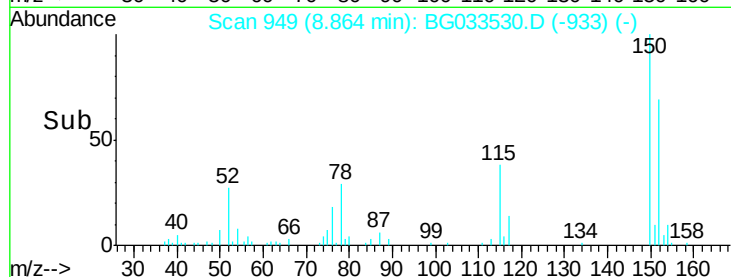
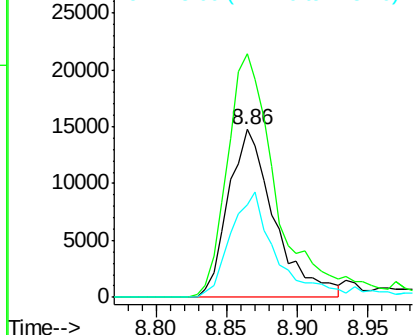
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

Instrument :
BNA_G
ClientSampleId :
4534-37

Tot Ion:152 Resp: 33666
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 55.3 53.0 79.4



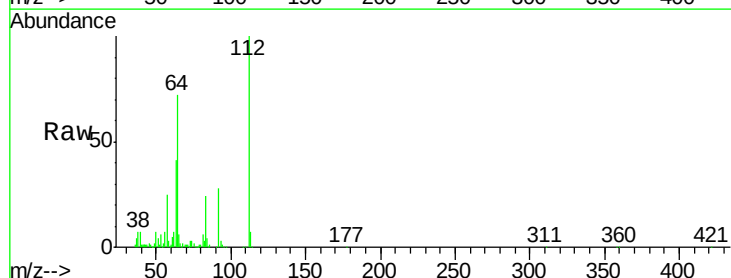
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



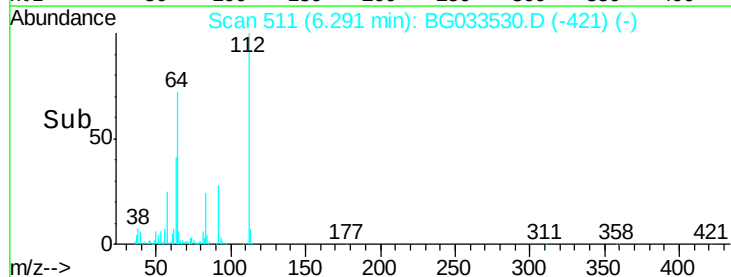
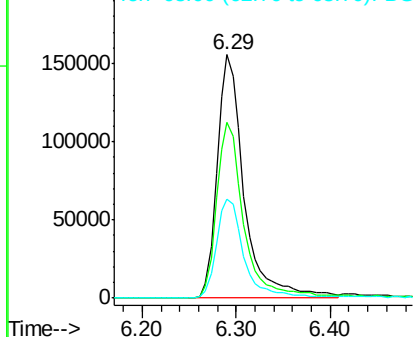
#5

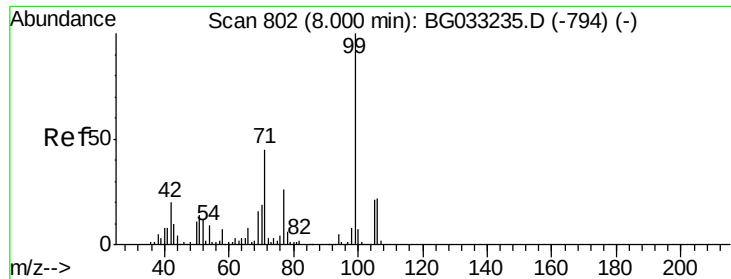
2-Fluorophenol
Concen: 173.902 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

Tgt Ion:112 Resp: 312225
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 40.7 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: 143.220 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampleId :

4534-37

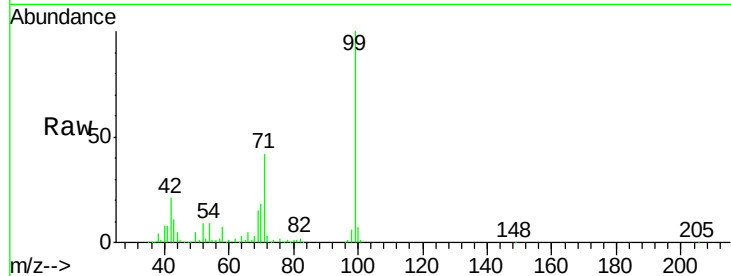
Tot Ion: 99 Resp: 441817

Ion Ratio Lower Upper

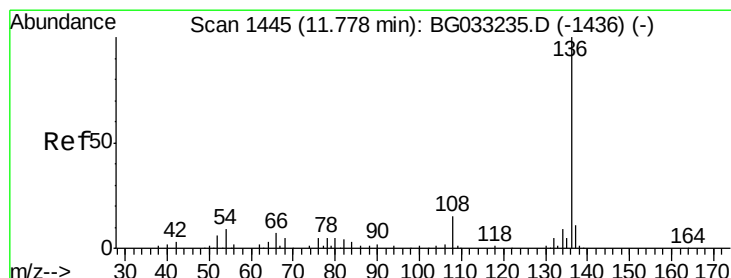
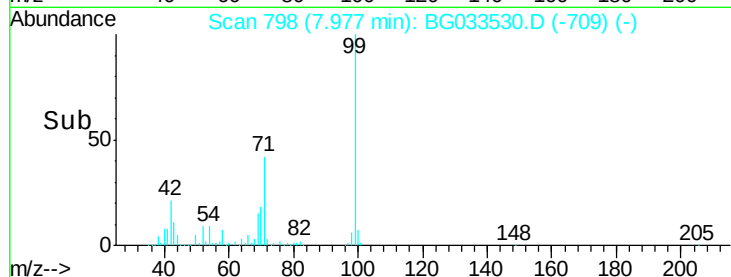
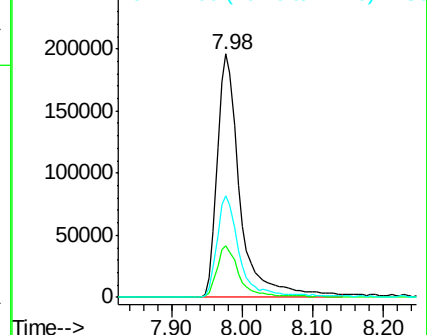
99 100

42 21.3 14.1 21.1#

71 41.9 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# 1439

Delta R.T. -0.01 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Tgt Ion: 136 Resp: 145731

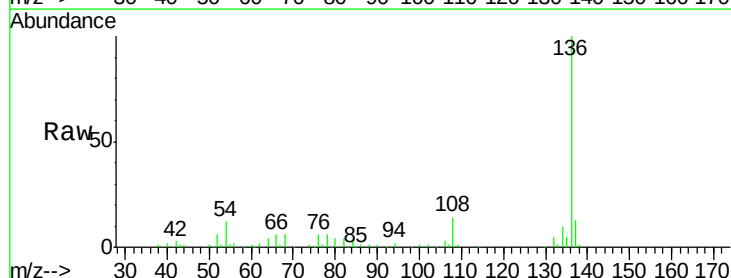
Ion Ratio Lower Upper

136 100

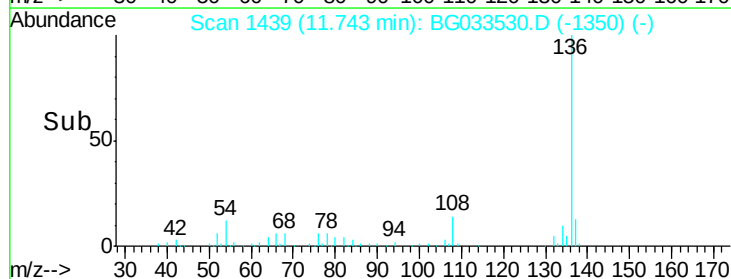
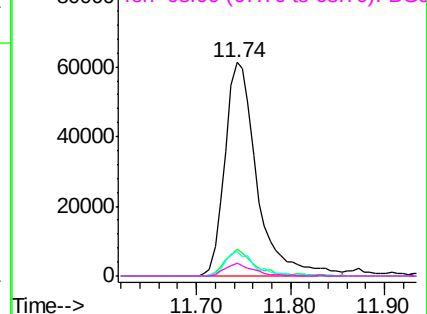
137 12.6 9.2 13.8

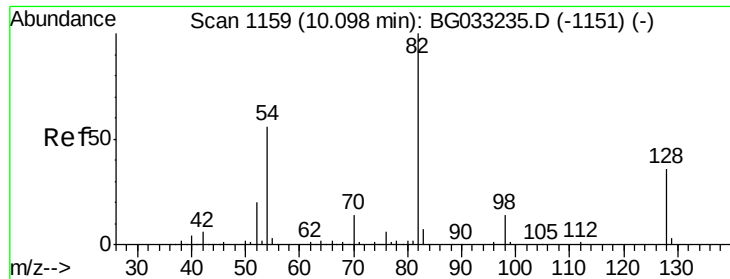
54 11.5 10.3 15.5

68 5.9 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

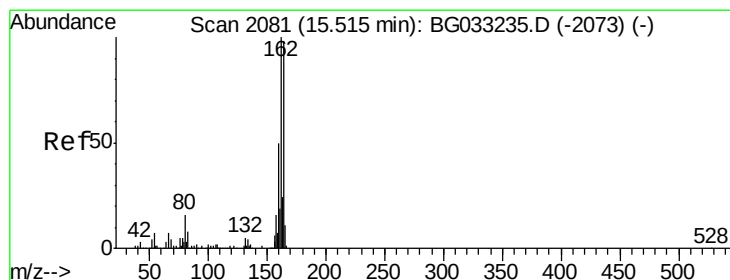
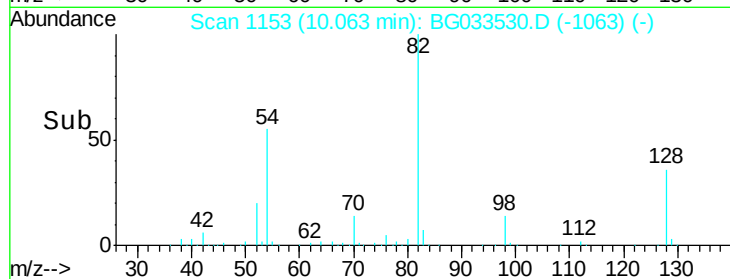
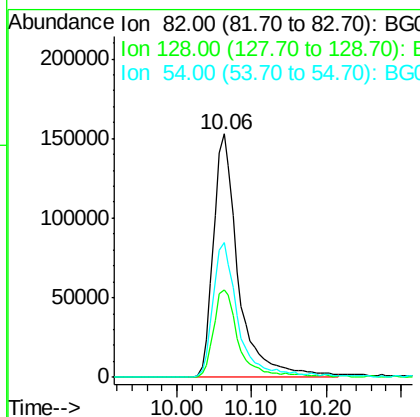
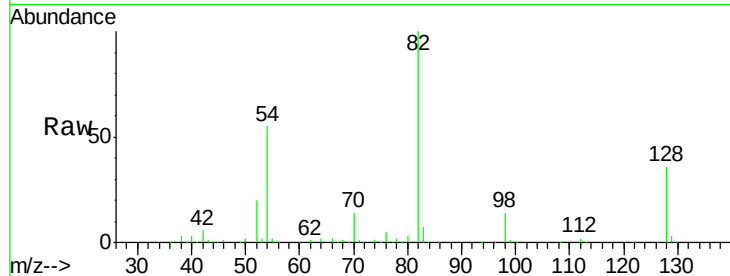




#23
 Nitrobenzene-d5
 Concen: 112.485 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

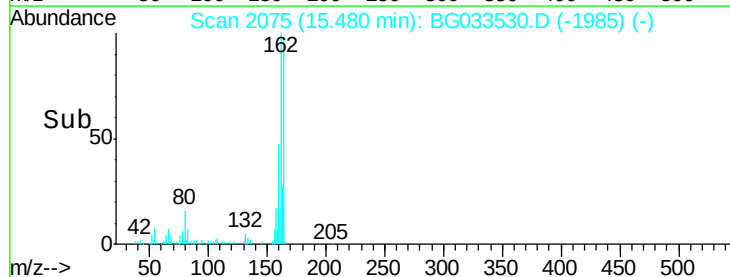
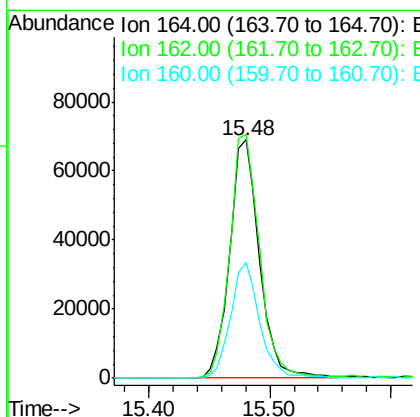
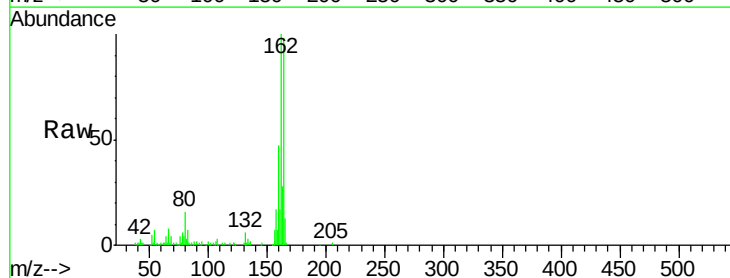
Instrument :
 BNA_G
 ClientSampleId :
 4534-37

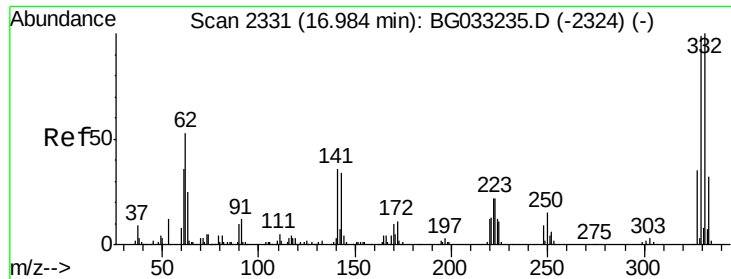
Tot Ion	82	Resp	356793
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	55.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

Tgt Ion	164	Resp	118358
Ion Ratio	Lower	Upper	
164	100		
162	102.2	78.8	118.2
160	48.4	35.4	53.0

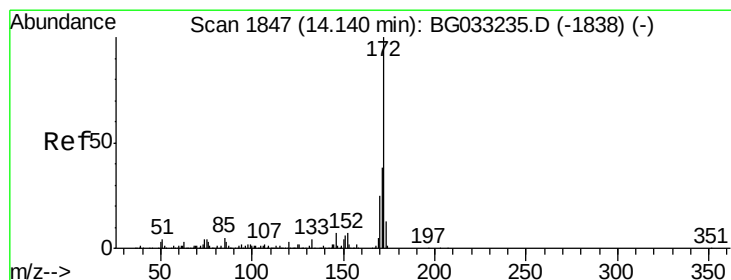
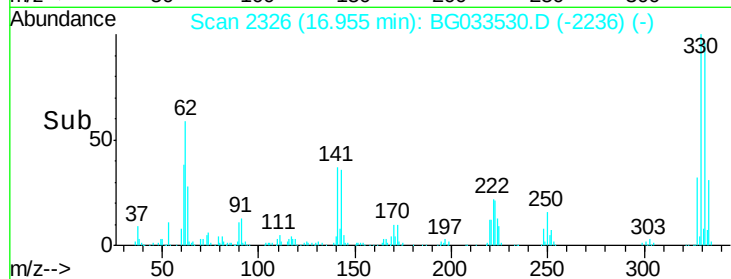
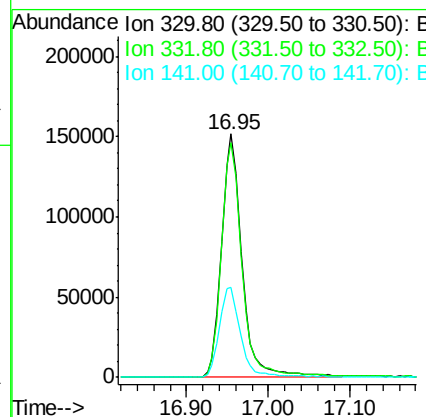
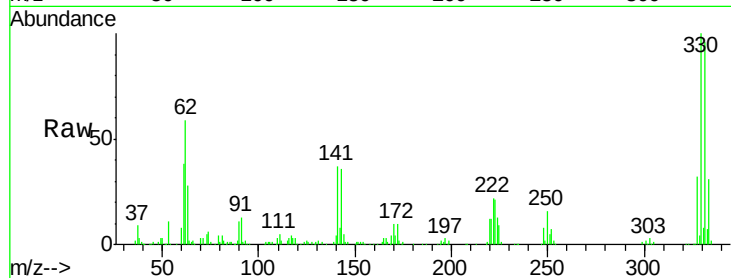




#41
 2,4,6-Tribromophenol
 Concen: 150.454 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

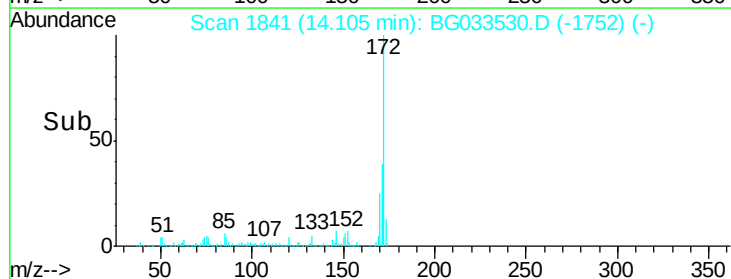
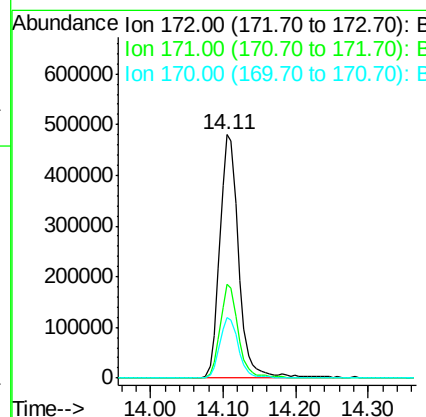
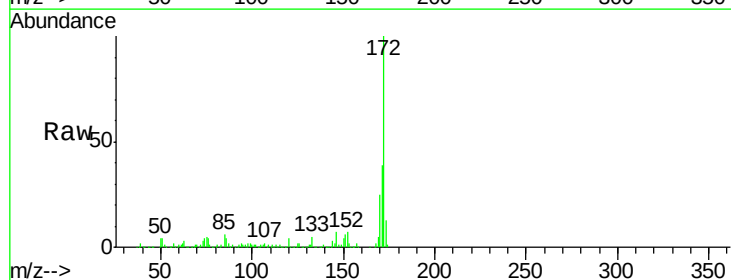
Instrument :
 BNA_G
 ClientSampleId :
 4534-37

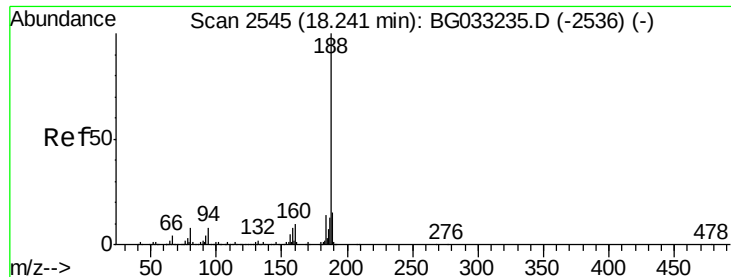
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 106.581 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampleId :

4534-37

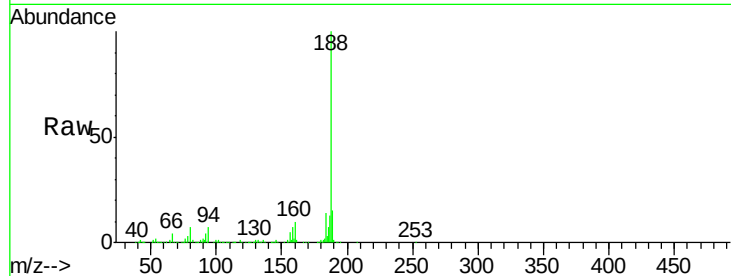
Tot Ion:188 Resp: 325647

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

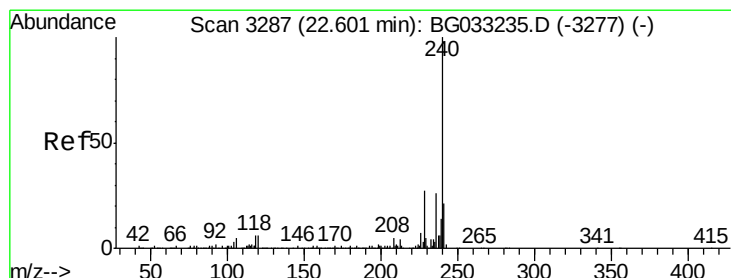
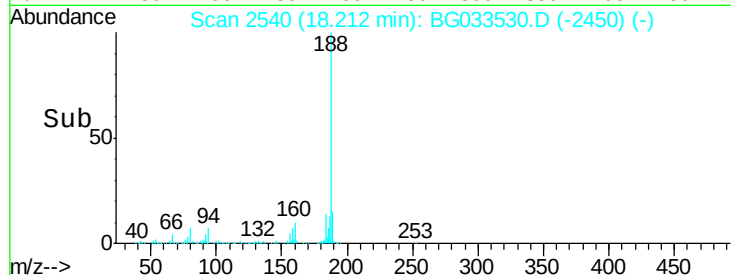
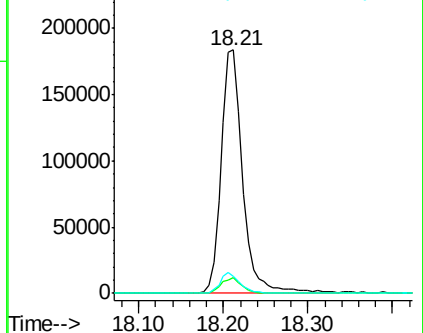
80 7.2 7.7 11.5#



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# 3279

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

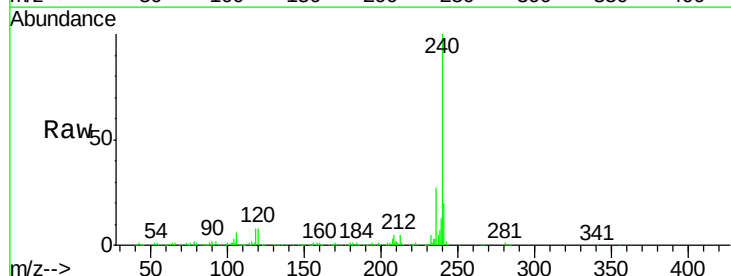
Tgt Ion:240 Resp: 338531

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

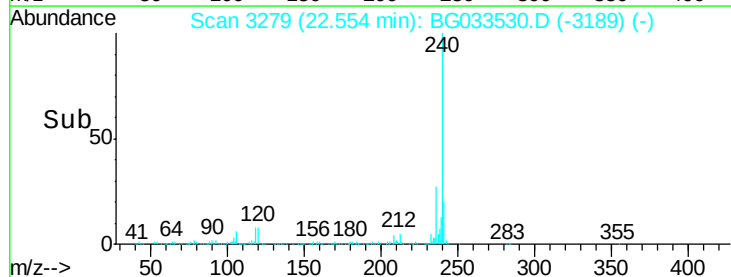
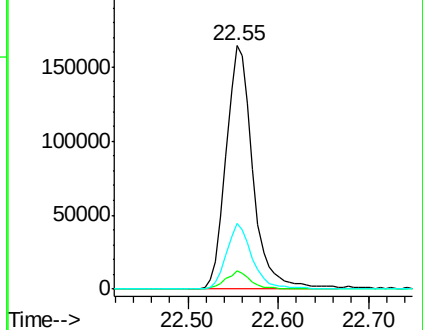
236 26.7 20.9 31.3

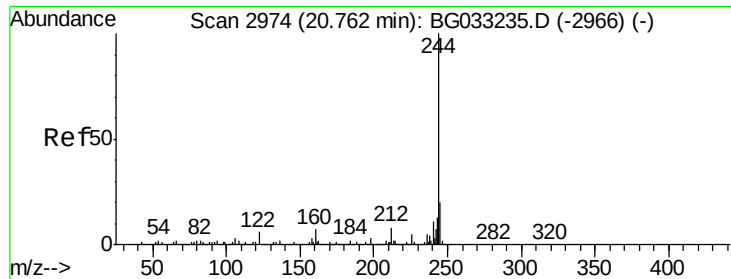


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.600 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampleId :

4534-37

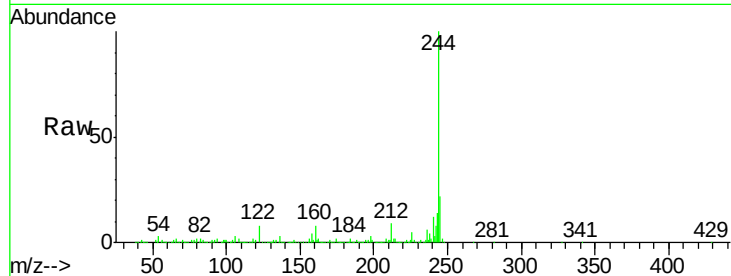
Tot Ion:244 Resp: 1719091

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

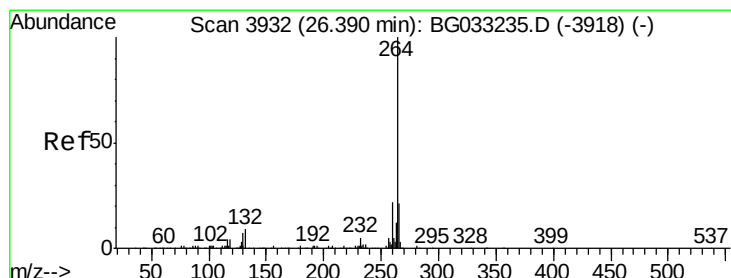
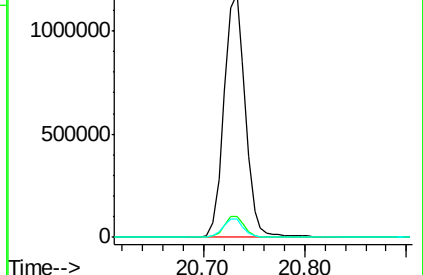
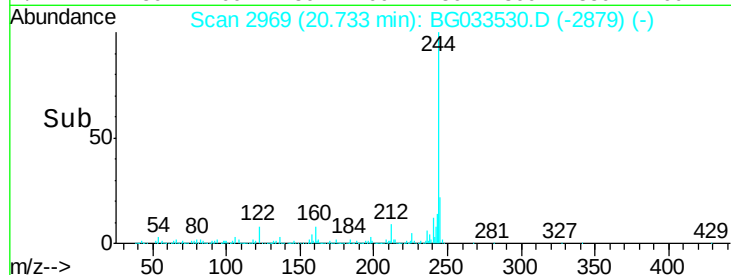
122 7.5 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

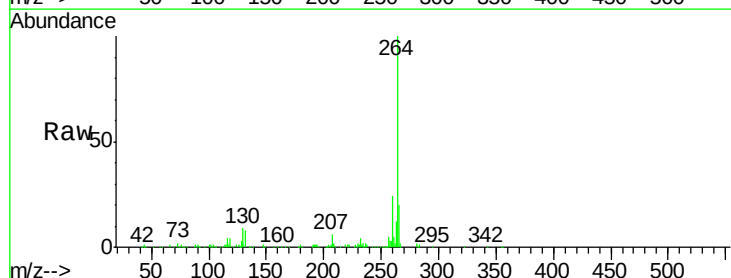
Tgt Ion:264 Resp: 340370

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

