

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033574.D
 Acq On : 5 Apr 2018 1:19
 Operator : SJ/JU
 Sample : J2151-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-A

Quant Time: Apr 05 04:05:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30620	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	149557	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	118229	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	333381	20.00	ng	0.00
75) Chrysene-d12	22.56	240	341097	20.00	ng	0.00
86) Perylene-d12	26.33	264	326307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	285956	175.11	ng	0.00
7) Phenol-d6	7.98	99	388684	138.53	ng	0.00
23) Nitrobenzene-d5	10.07	82	332114	102.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	270015	152.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	823770	100.59	ng	0.00
78) Terphenyl-d14	20.73	244	1676139	105.09	ng	0.00

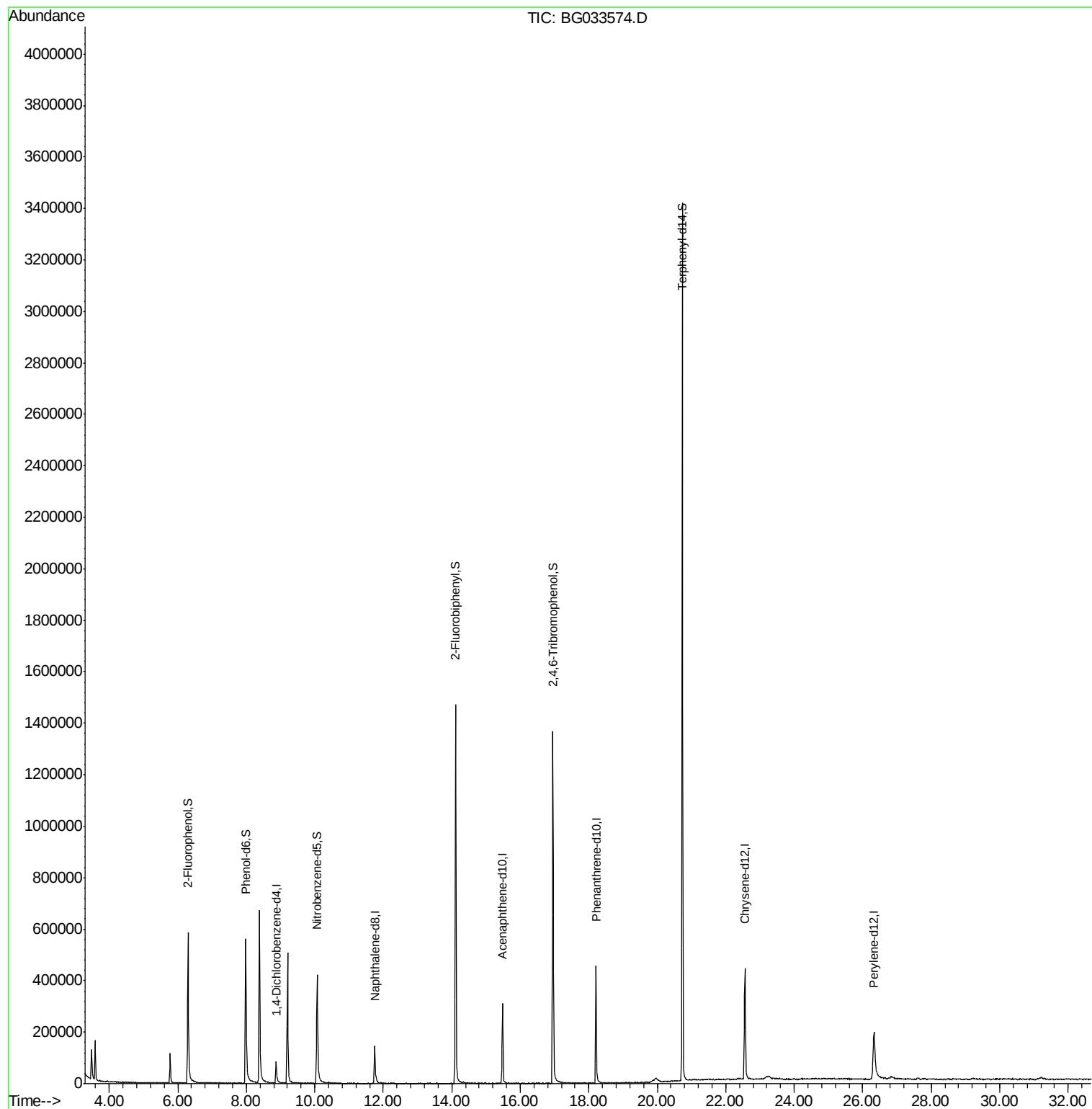
Target Compounds Qvalue

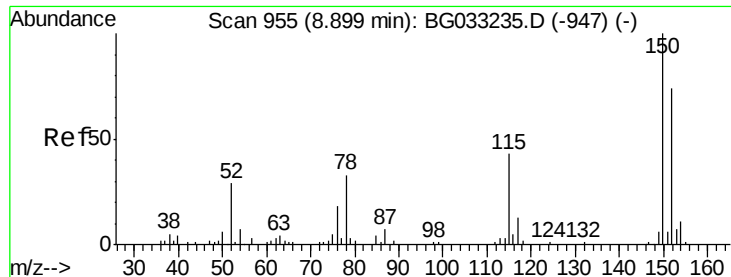
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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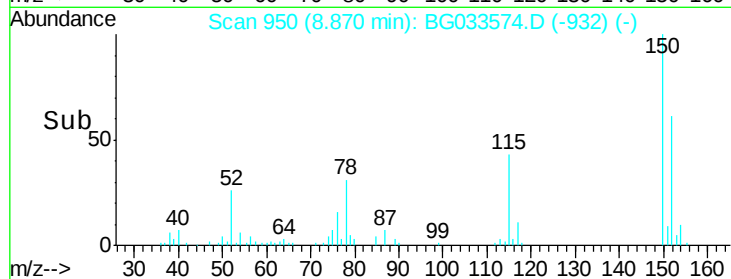
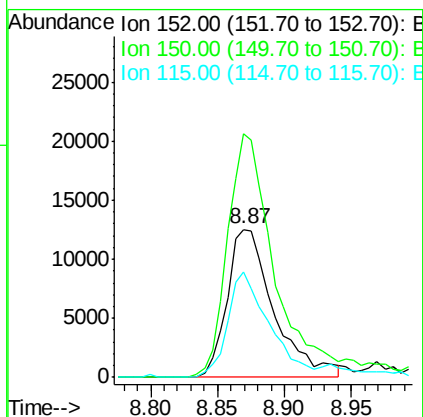
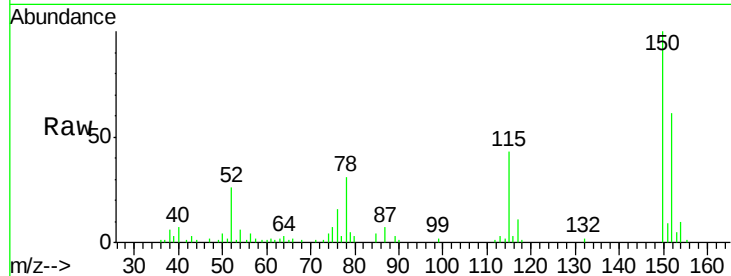


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

Instrument :
BNA_G
ClientSampleId :
AU-06-040318-A

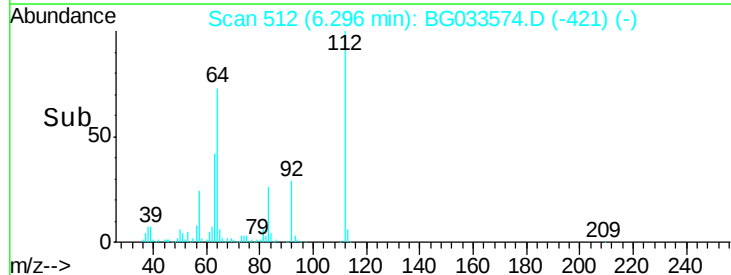
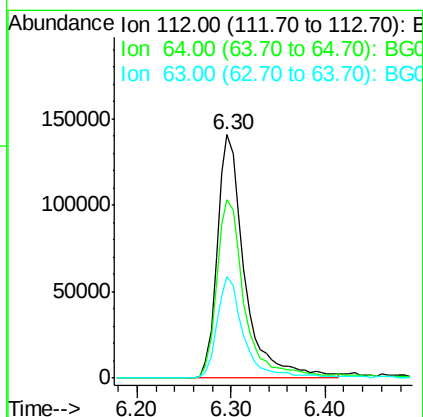
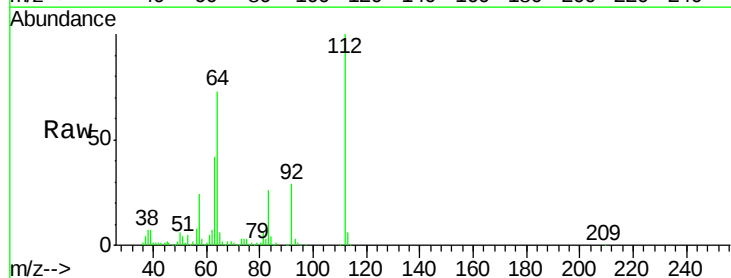
Tot Ion:152 Resp: 30620
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 70.9 53.0 79.4

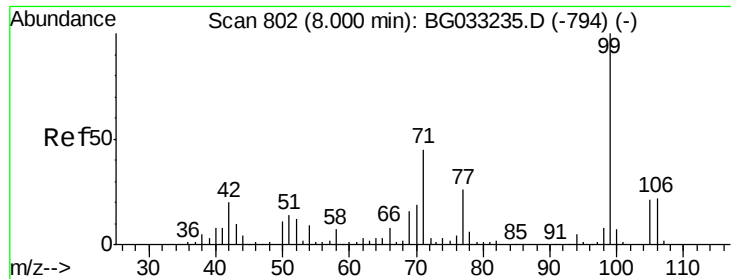


#5

2-Fluorophenol
Concen: 175.115 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

Tgt Ion:112 Resp: 285956
Ion Ratio Lower Upper
112 100
64 73.5 56.3 84.5
63 41.8 30.1 45.1





#7

Phenol-d6

Concen: 138.531 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-A

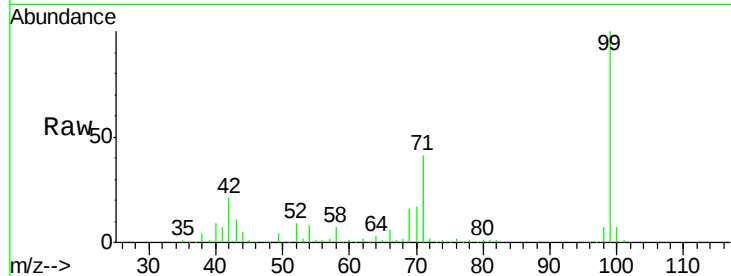
Tot Ion: 99 Resp: 388684

Ion Ratio Lower Upper

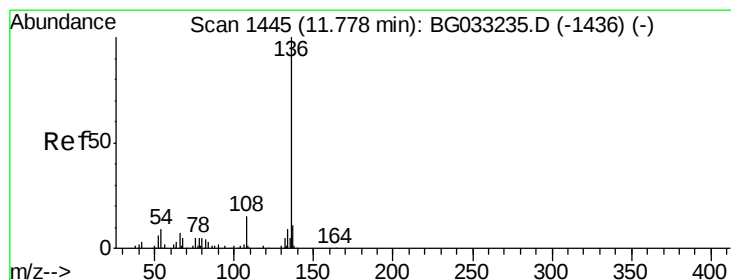
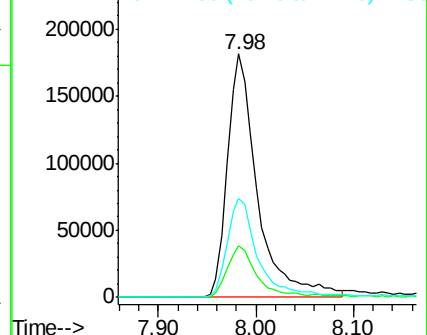
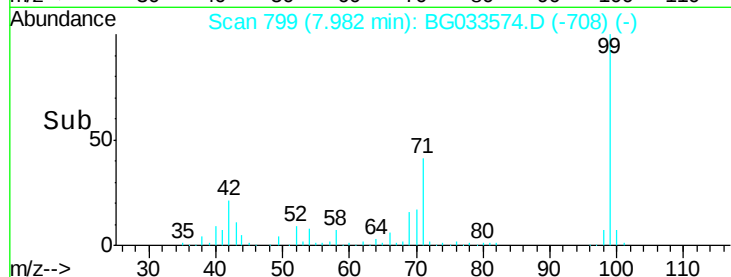
99 100

42 21.0 14.1 21.1

71 40.7 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: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

Tgt Ion: 136 Resp: 149557

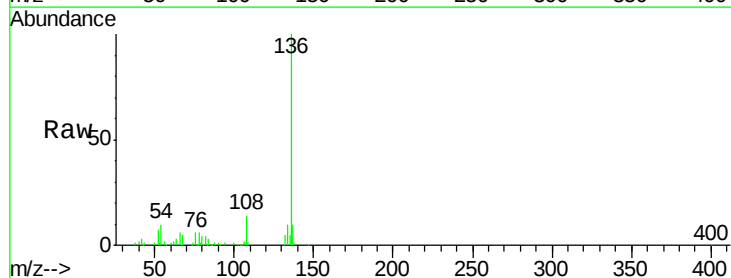
Ion Ratio Lower Upper

136 100

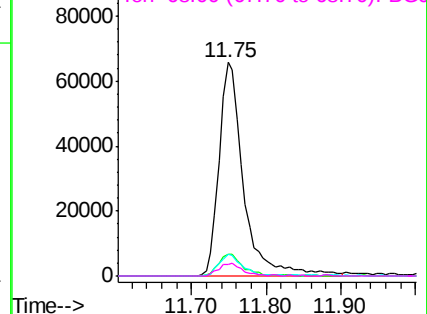
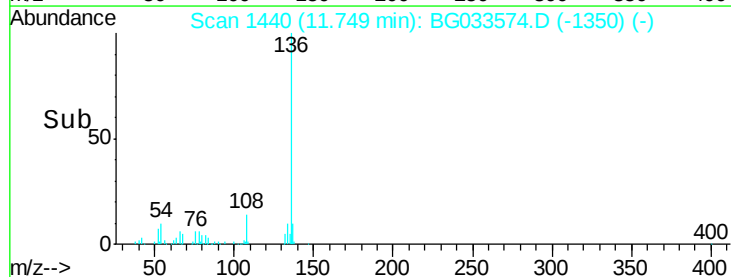
137 10.3 9.2 13.8

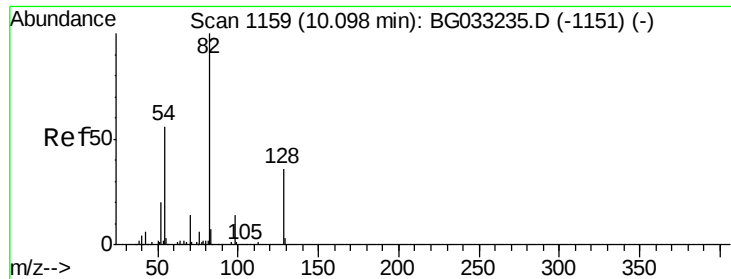
54 9.9 10.3 15.5#

68 5.4 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: 102.026 ng

RT: 10.07 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-A

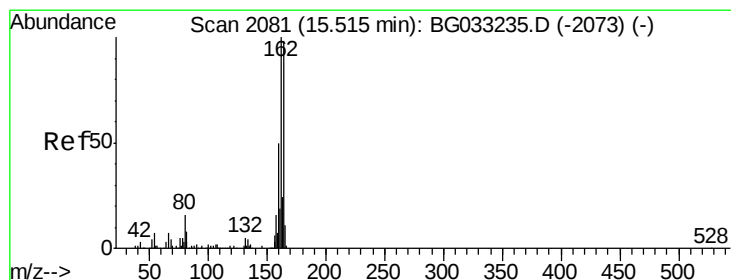
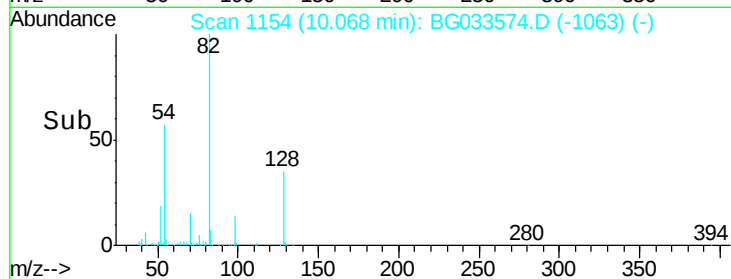
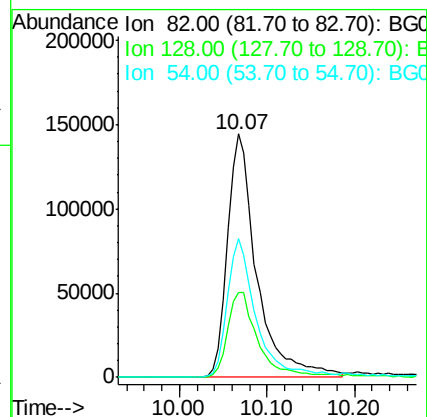
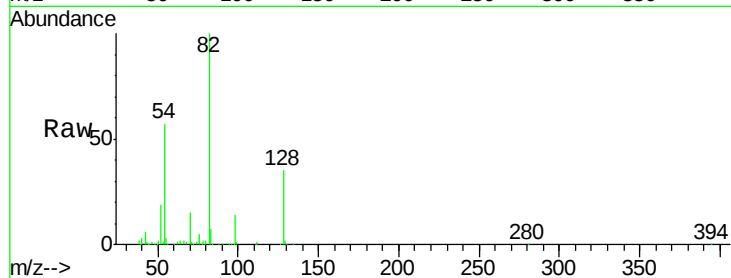
Tot Ion: 82 Resp: 332114

Ion Ratio Lower Upper

82 100

128 35.0 29.7 44.5

54 57.1 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

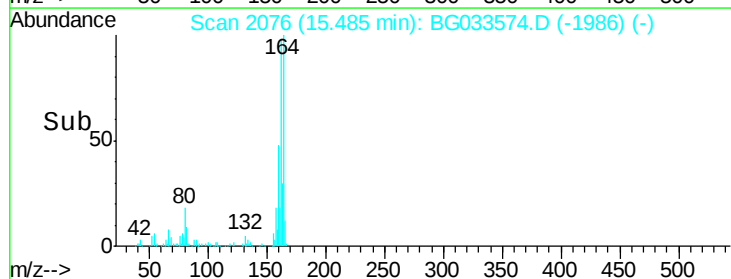
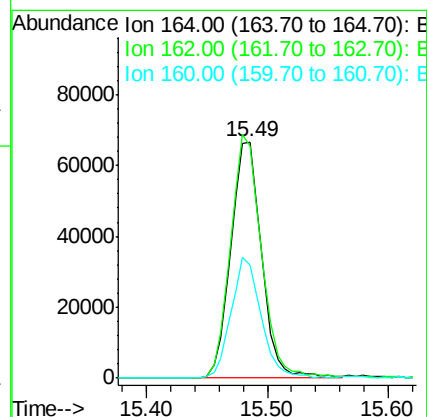
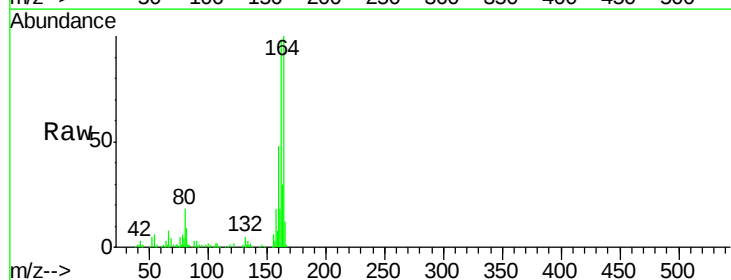
Tgt Ion: 164 Resp: 118229

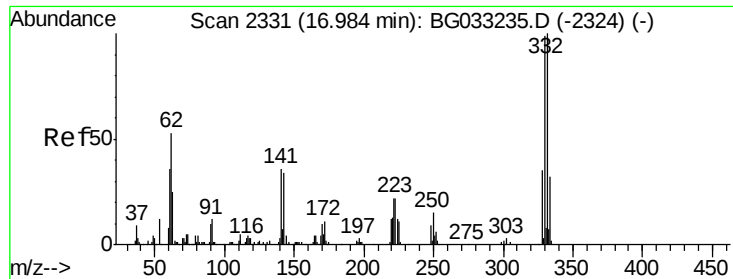
Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

160 48.0 35.4 53.0

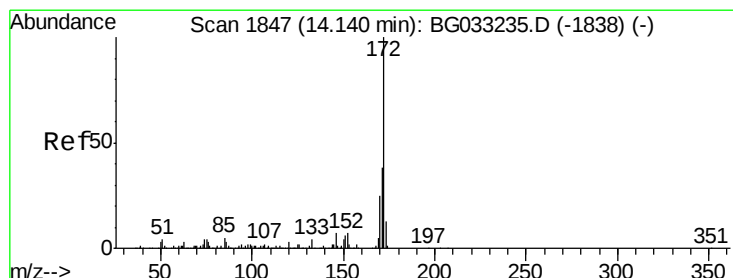
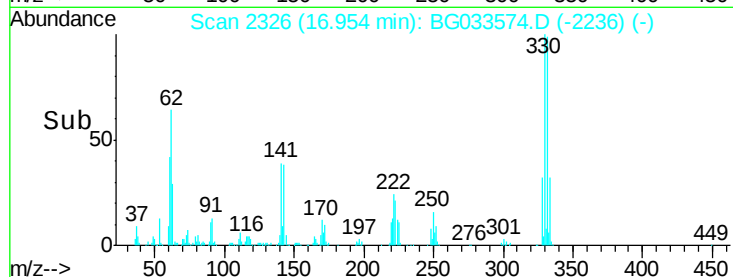
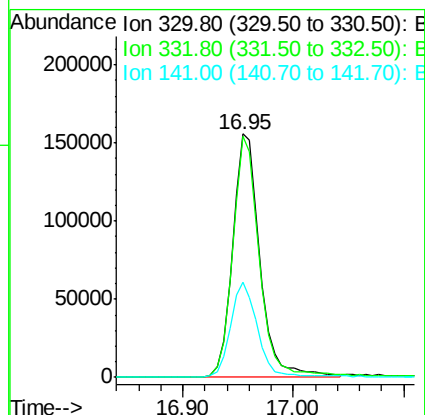
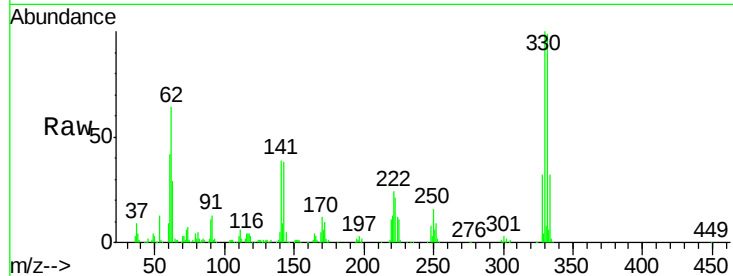




#41
 2,4,6-Tribromophenol
 Concen: 152.702 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

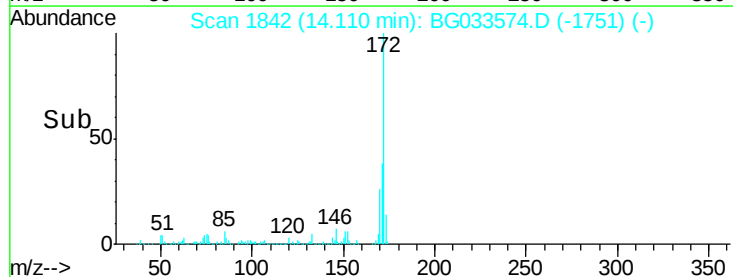
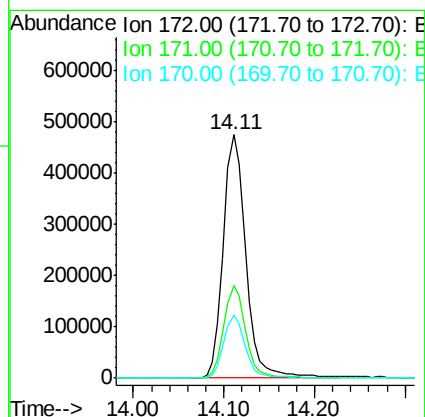
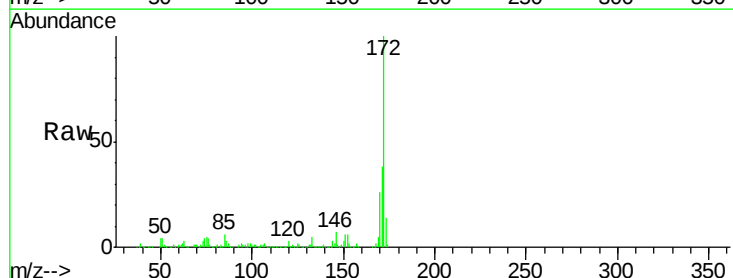
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-A

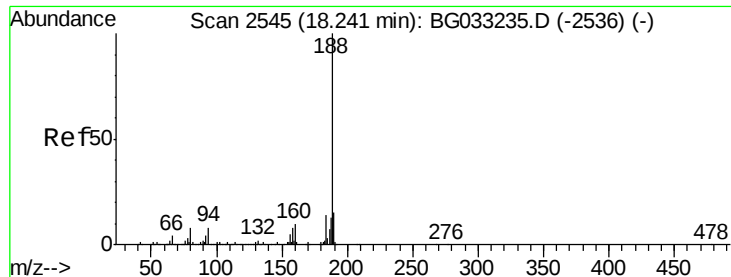
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.586 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.8	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: BG033574.D

Acq: 5 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-A

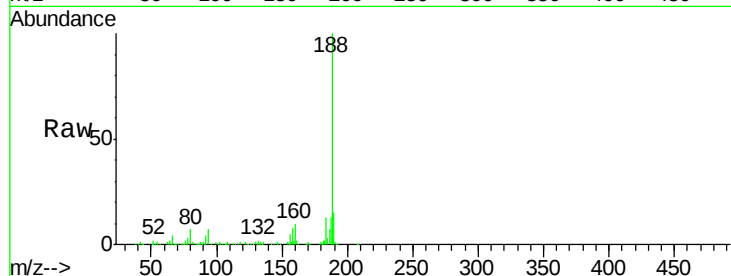
Tot Ion:188 Resp: 333381

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

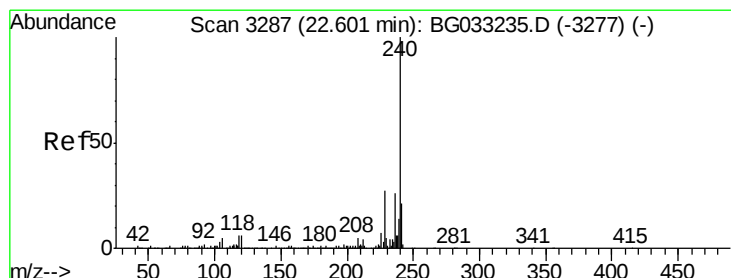
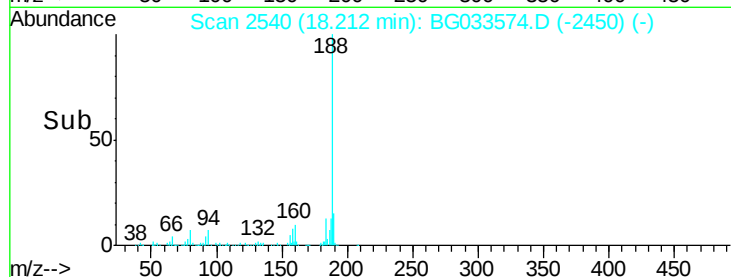
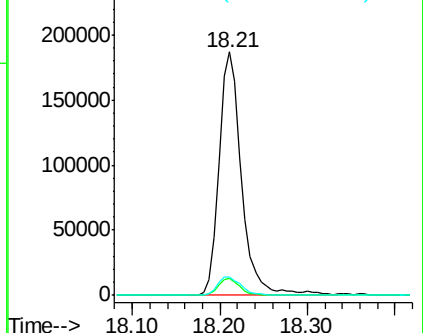
80 7.4 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

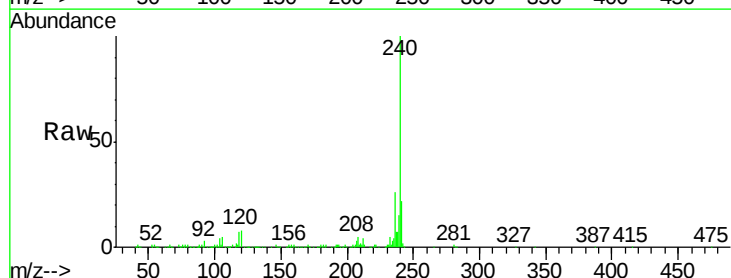
Tgt Ion:240 Resp: 341097

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

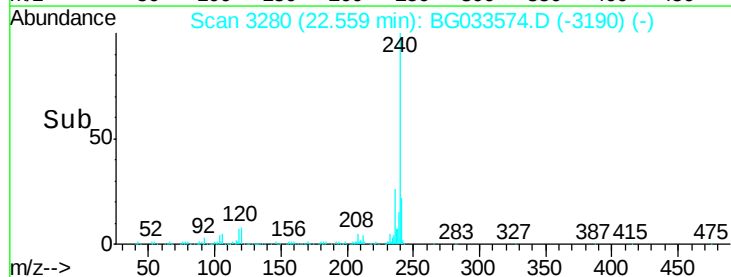
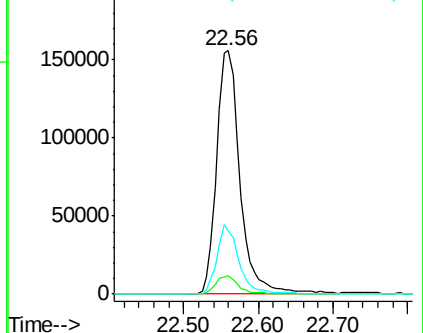
236 26.0 20.9 31.3

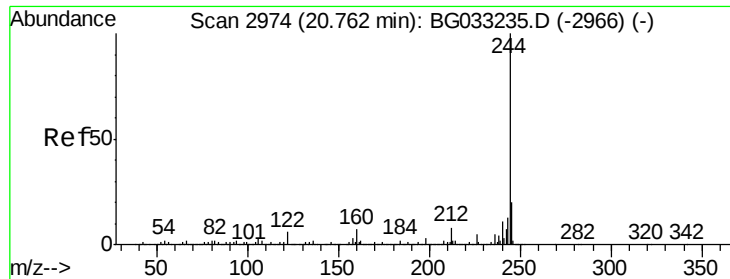


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.090 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

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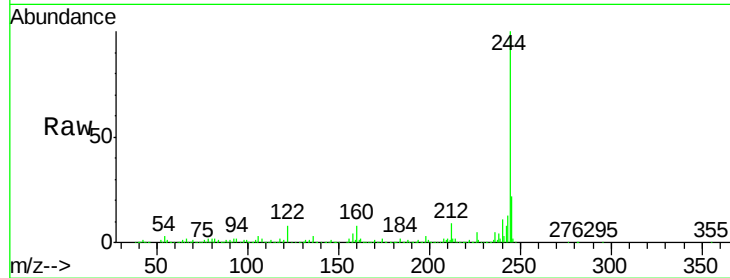
Tot Ion:244 Resp: 1676139

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

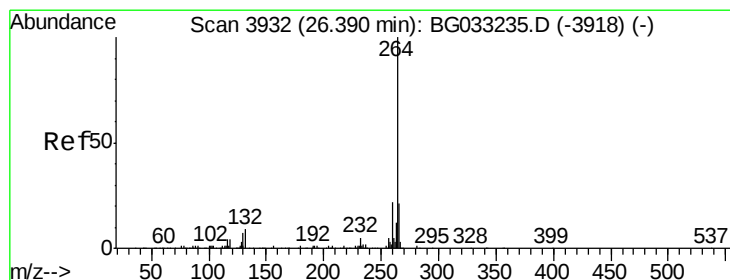
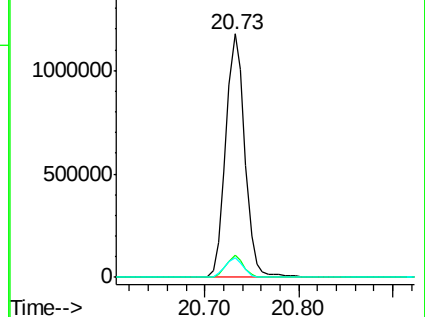
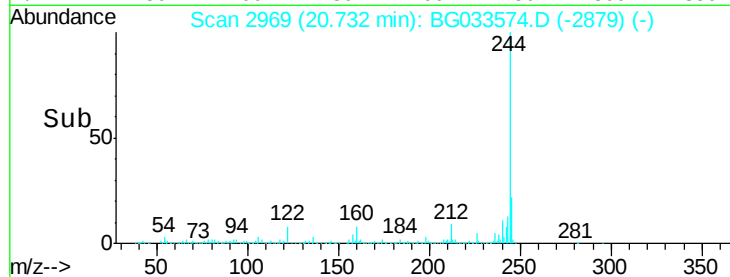
122 7.8 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

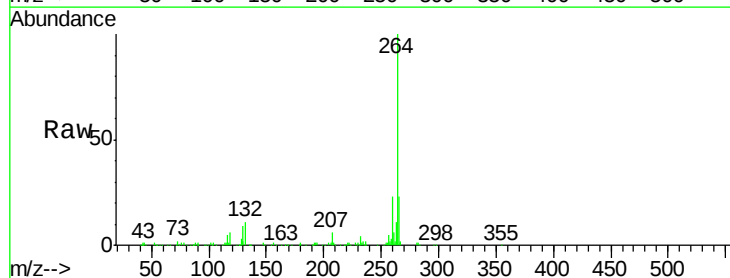
Tgt Ion:264 Resp: 326307

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.6 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

