

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033576.D
 Acq On : 5 Apr 2018 2:34
 Operator : SJ/JU
 Sample : J2151-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 05 04:08:36 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	8.86	152	27045	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	123910	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	100039	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	293061	20.00	ng	0.00
75) Chrysene-d12	22.55	240	297547	20.00	ng	0.00
86) Perylene-d12	26.32	264	296462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	257703	178.67	ng	0.00
7) Phenol-d6	7.98	99	353158	142.51	ng	0.00
23) Nitrobenzene-d5	10.06	82	288562	106.99	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232618	155.47	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	713543	102.97	ng	0.00
78) Terphenyl-d14	20.73	244	1498438	107.70	ng	0.00

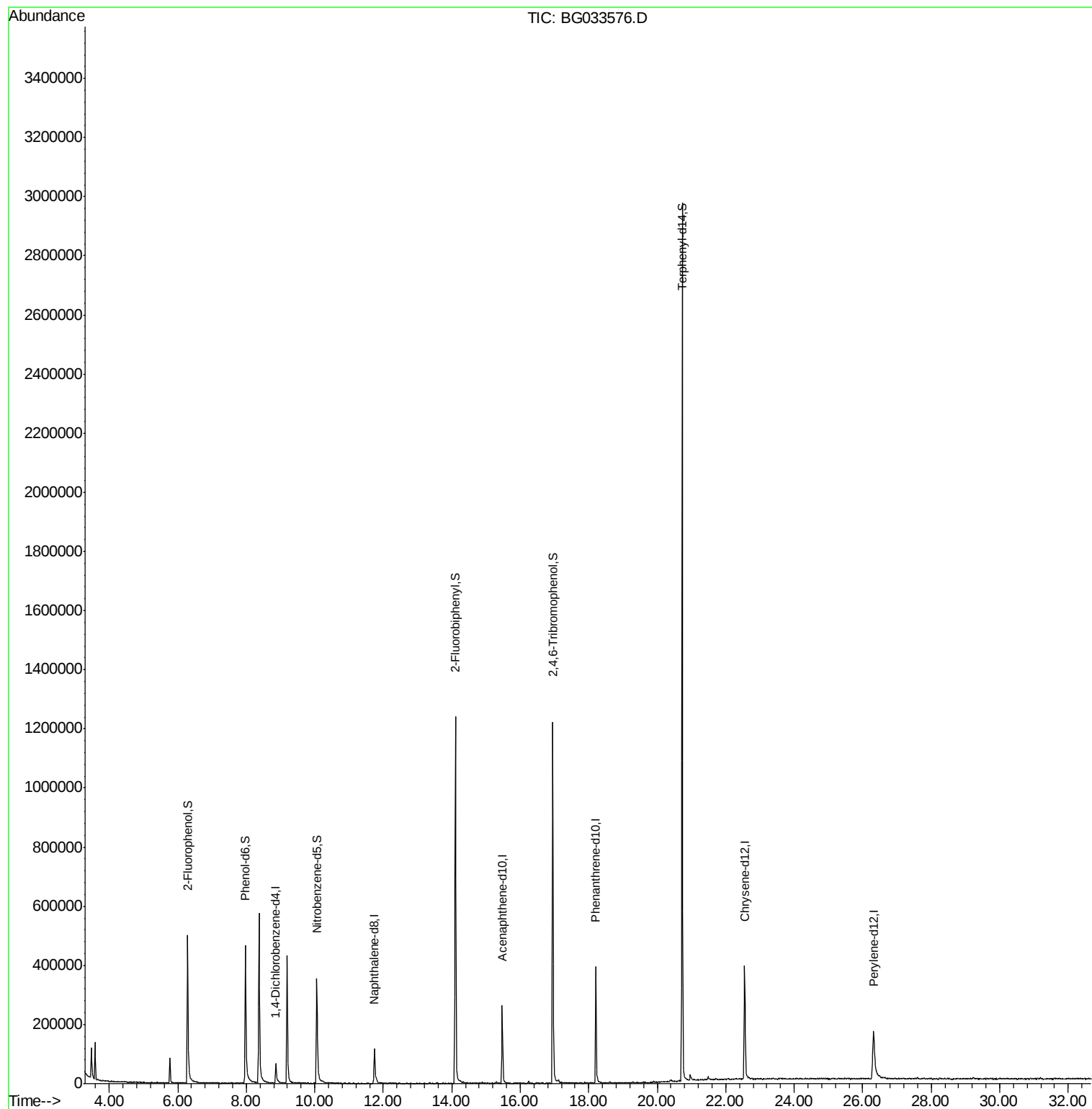
Target Compounds Qvalue

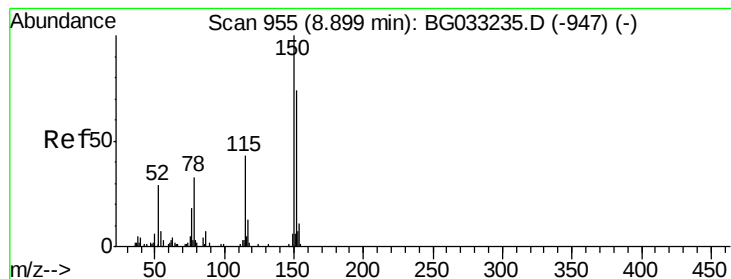
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-C

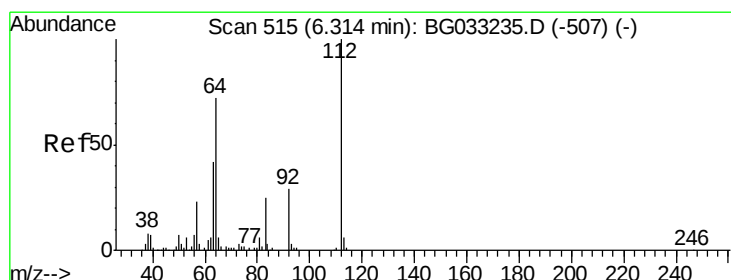
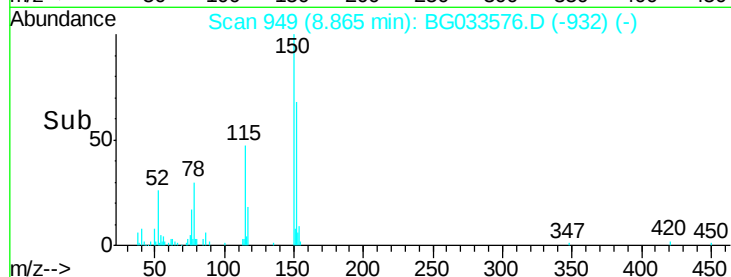
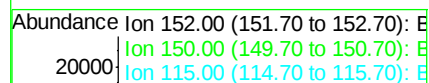
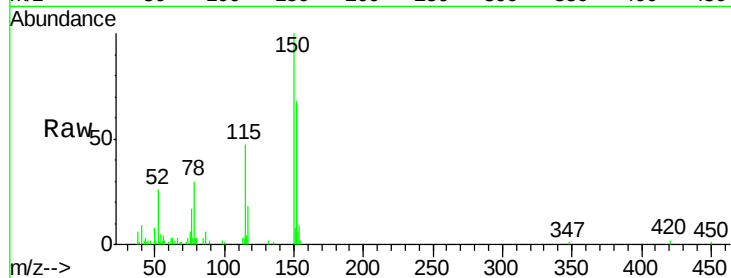
Tot Ion:152 Resp: 27045

Ion Ratio Lower Upper

152 100

150 146.8 126.6 189.8

115 69.7 53.0 79.4



#5

2-Fluorophenol

Concen: 178.674 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

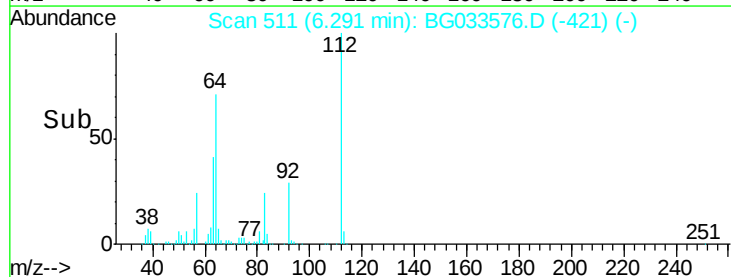
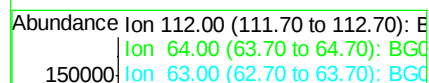
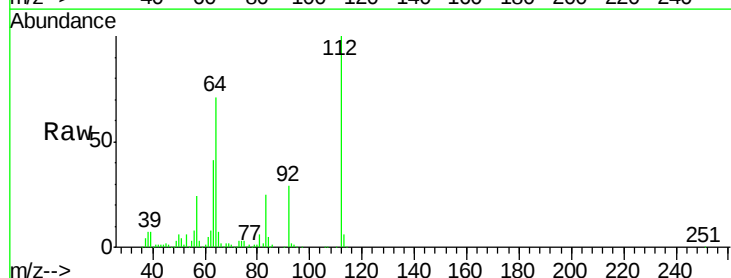
Tgt Ion:112 Resp: 257703

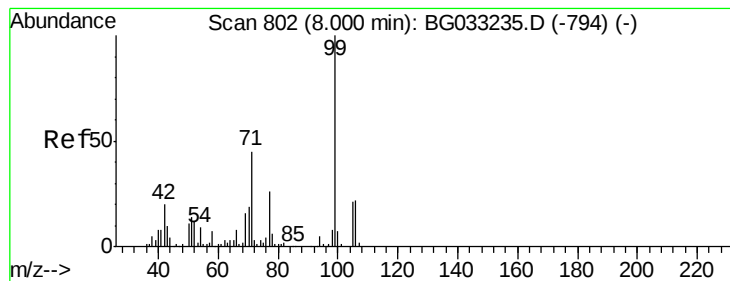
Ion Ratio Lower Upper

112 100

64 71.2 56.3 84.5

63 40.9 30.1 45.1





#7

Phenol-d6

Concen: 142.507 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-C

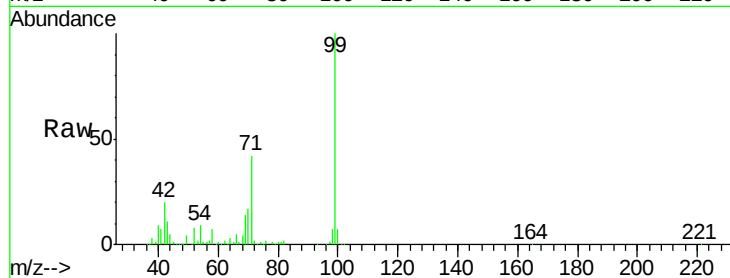
Tot Ion: 99 Resp: 353158

Ion Ratio Lower Upper

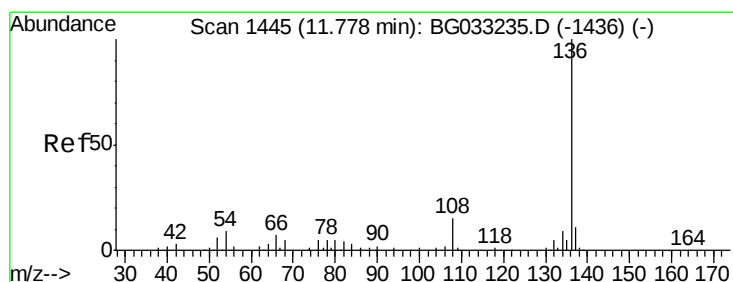
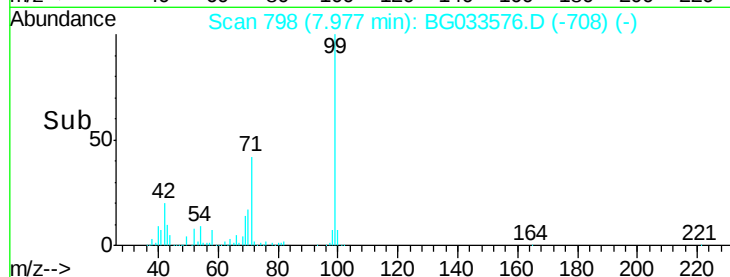
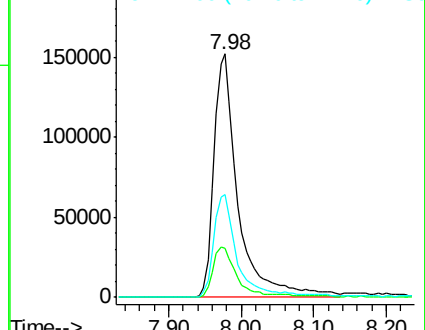
99 100

42 20.3 14.1 21.1

71 42.0 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: BG033576.D

Acq: 5 Apr 2018 2:34

Tgt Ion: 136 Resp: 123910

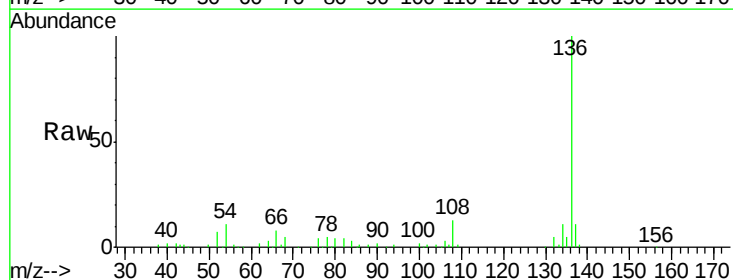
Ion Ratio Lower Upper

136 100

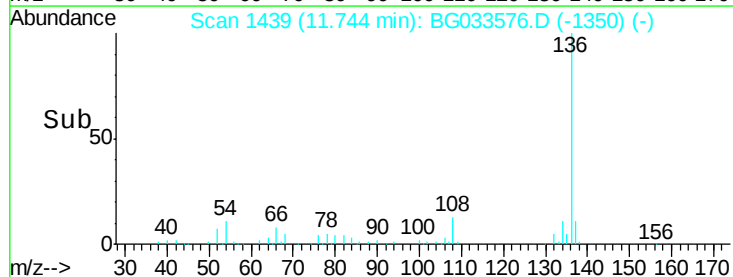
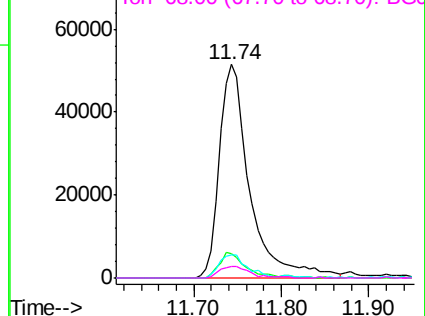
137 11.5 9.2 13.8

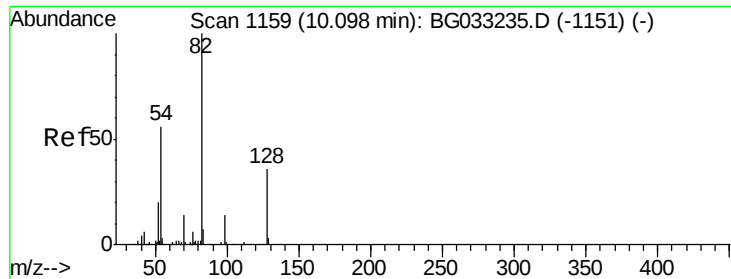
54 11.1 10.3 15.5

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

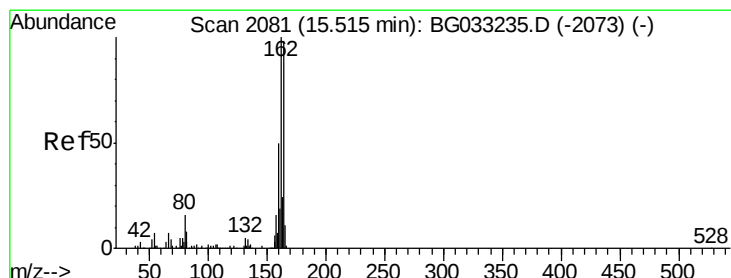
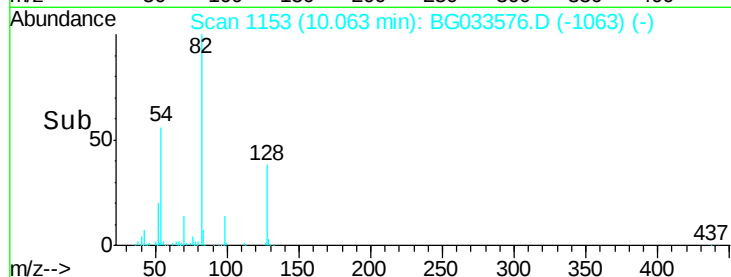
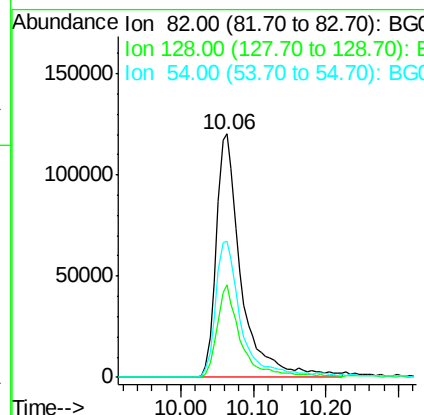
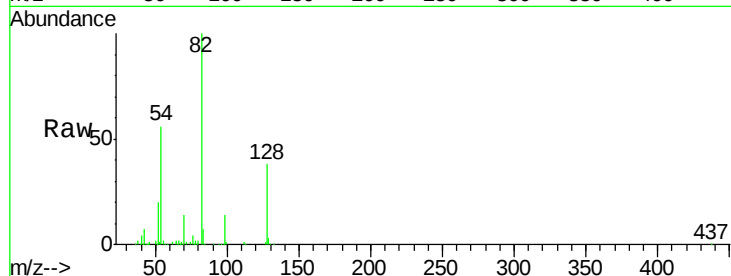




#23
 Nitrobenzene-d5
 Concen: 106.995 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033576.D
 Acq: 5 Apr 2018 2:34

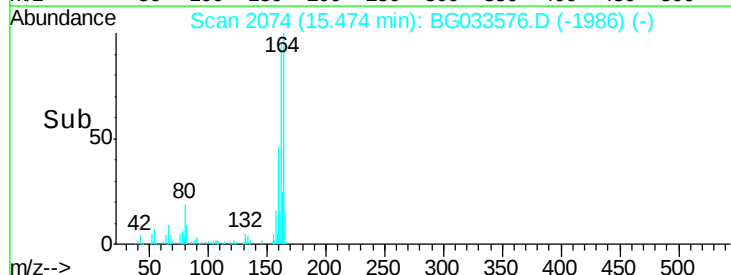
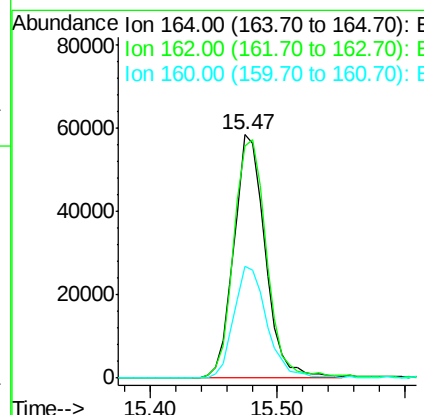
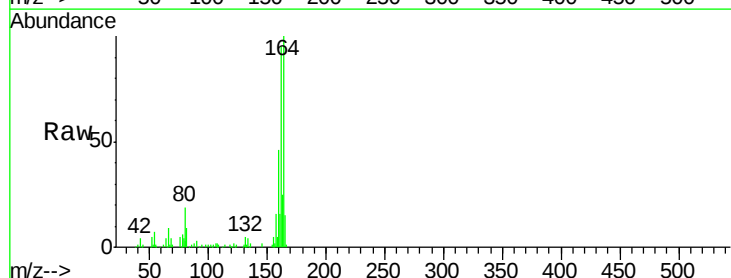
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-C

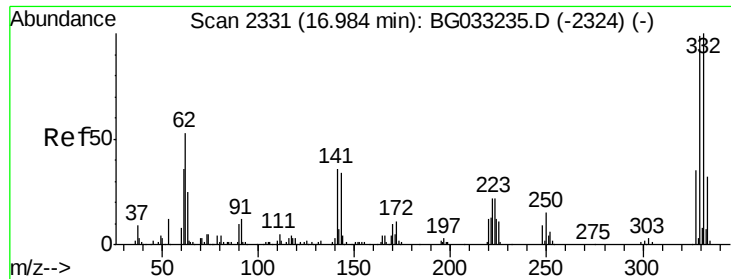
Tot Ion: 82 Resp: 288562
 Ion Ratio Lower Upper
 82 100
 128 38.2 29.7 44.5
 54 56.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033576.D
 Acq: 5 Apr 2018 2:34

Tgt Ion: 164 Resp: 100039
 Ion Ratio Lower Upper
 164 100
 162 95.4 78.8 118.2
 160 46.1 35.4 53.0

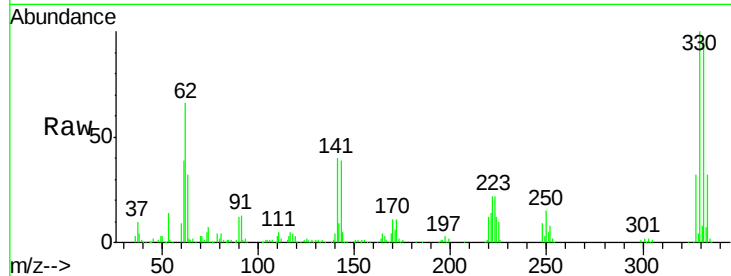




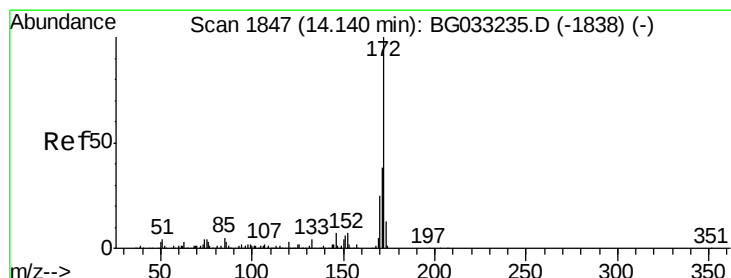
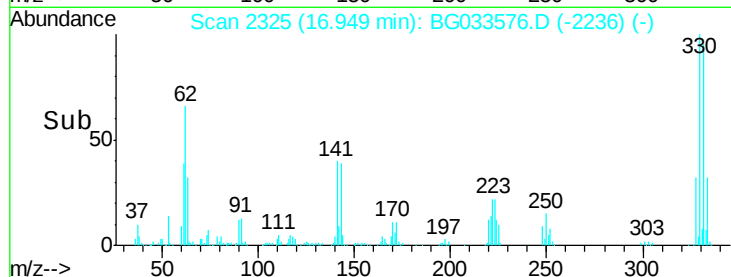
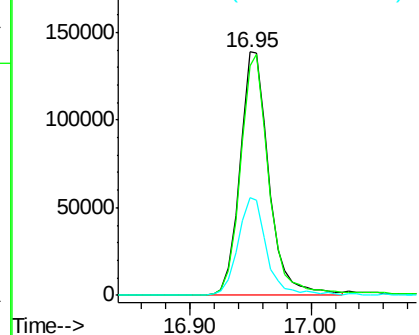
#41
 2,4,6-Tribromophenol
 Concen: 155.473 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033576.D
 Acq: 5 Apr 2018 2:34

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.7	25.2	37.8#

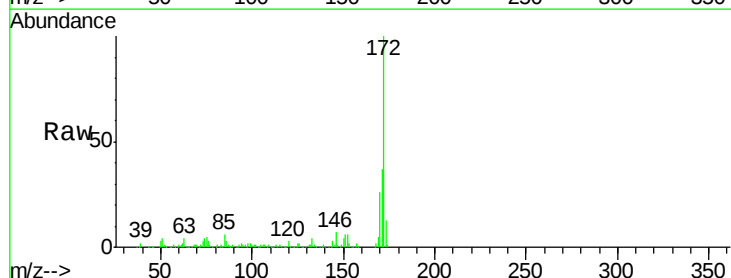


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

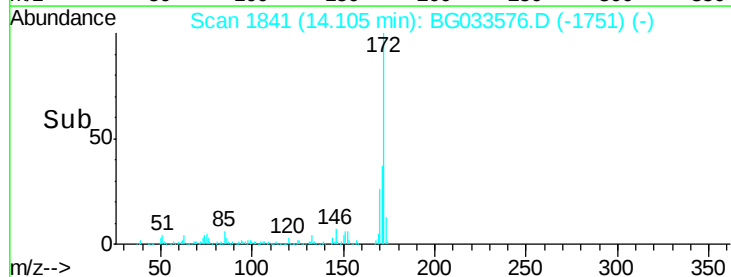
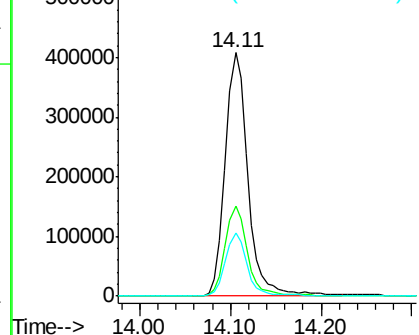


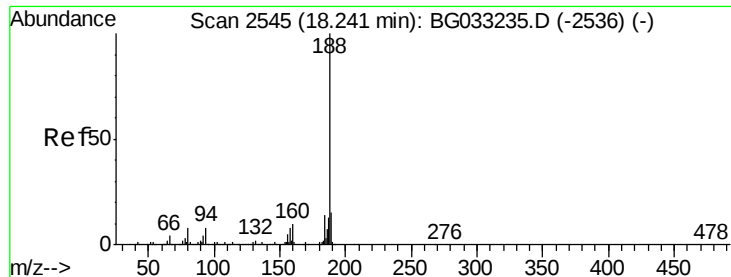
#44
 2-Fluorobiphenyl
 Concen: 102.969 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033576.D
 Acq: 5 Apr 2018 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.9	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: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-C

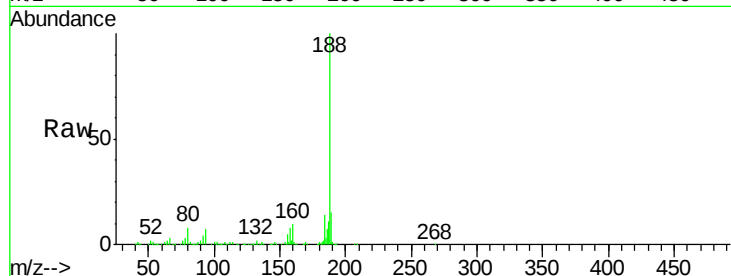
Tot Ion:188 Resp: 293061

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

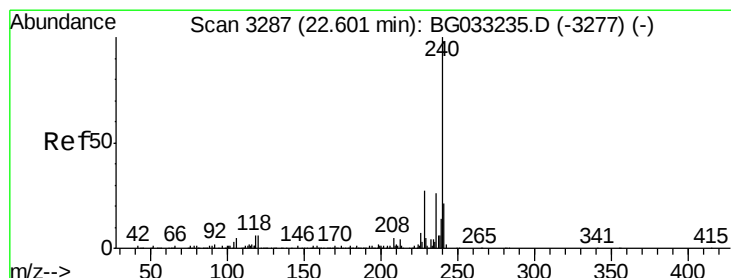
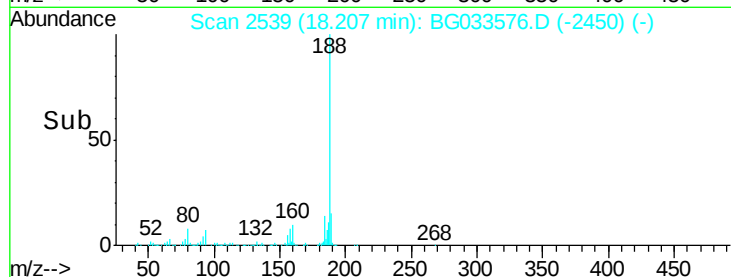
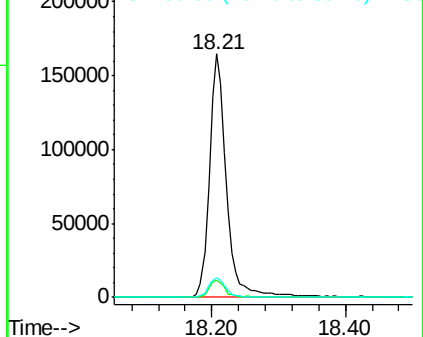
80 8.3 7.7 11.5



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# 3279

Delta R.T. -0.01 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

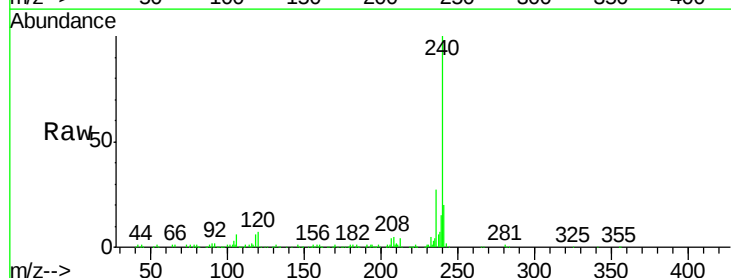
Tgt Ion:240 Resp: 297547

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

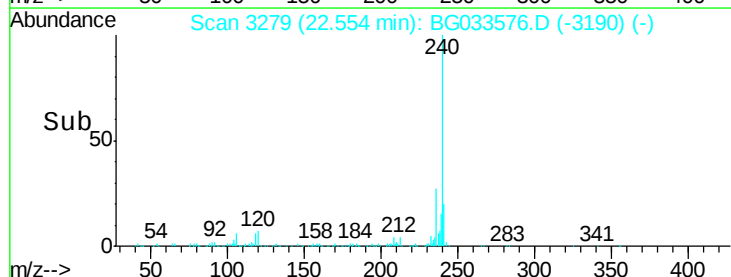
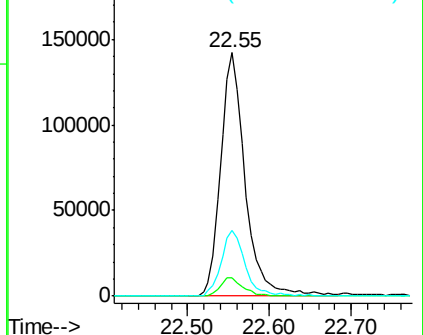
236 27.1 20.9 31.3

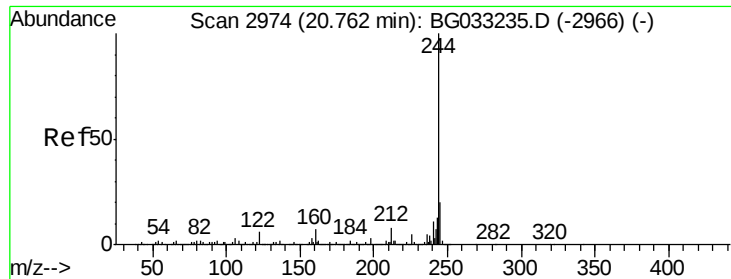


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.700 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

Instrument :

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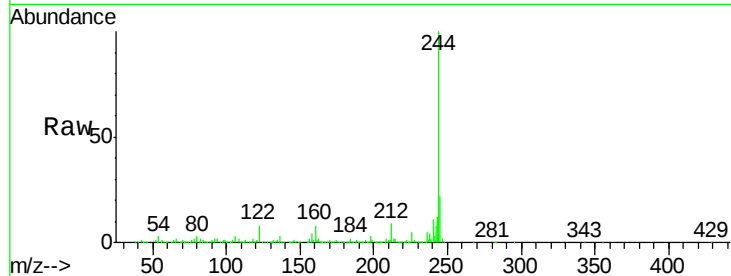
Tot Ion:244 Resp: 1498438

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

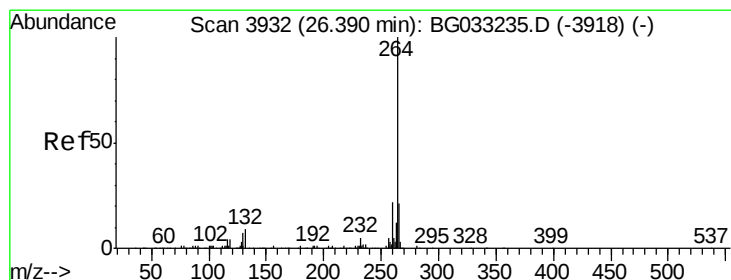
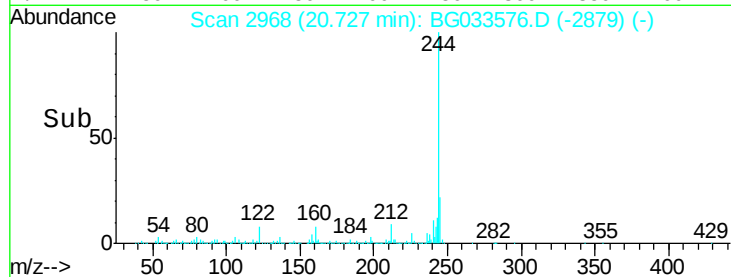
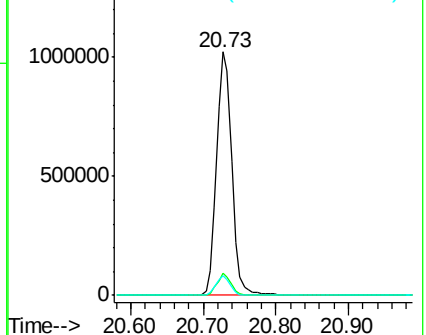
122 7.8 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033576.D

Acq: 5 Apr 2018 2:34

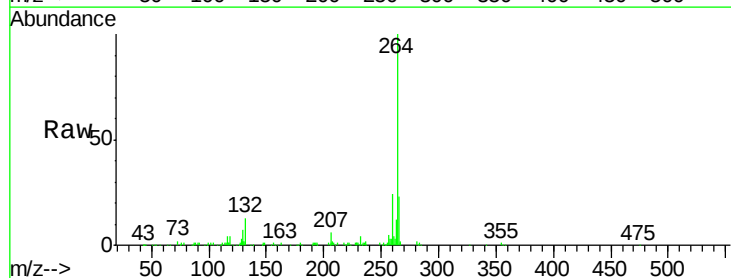
Tgt Ion:264 Resp: 296462

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.5 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

