

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033788.D
 Acq On : 13 Apr 2018 00:58
 Operator : SJ/JU
 Sample : J2337-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12002

Quant Time: Apr 13 03:36:12 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	25186	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	108895	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	22865	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	131880	20.00	ng	0.00
75) Chrysene-d12	22.55	240	42643	20.00	ng	0.00
86) Perylene-d12	26.30	264	795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	213778	159.16	ng	0.00
7) Phenol-d6	7.97	99	119325	51.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	235256	99.26	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	181701	531.33	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	541917	342.15	ng	0.00
78) Terphenyl-d14	20.72	244	682575	342.32	ng	0.00

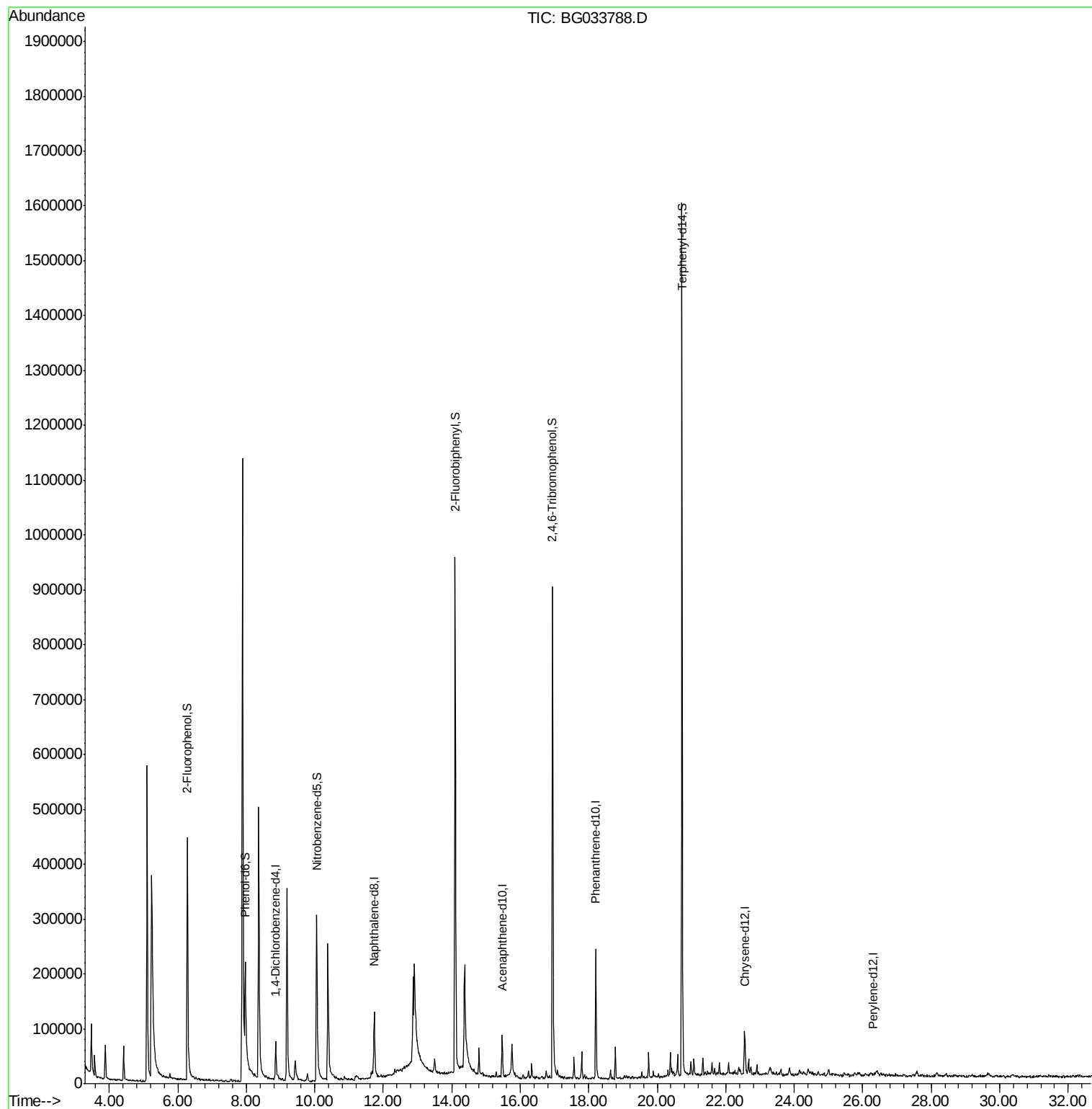
Target Compounds Qvalue

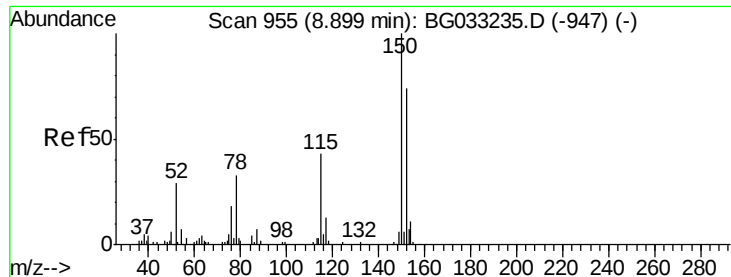
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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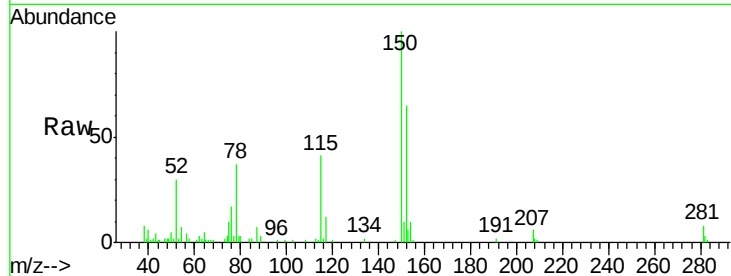


#1

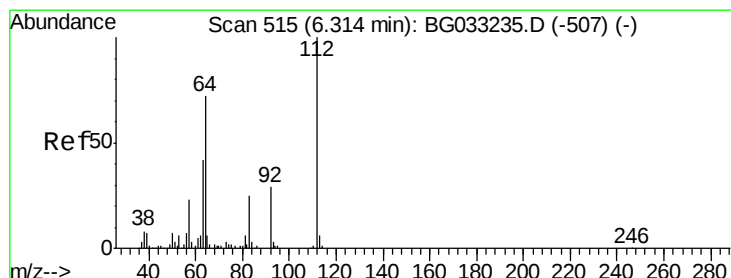
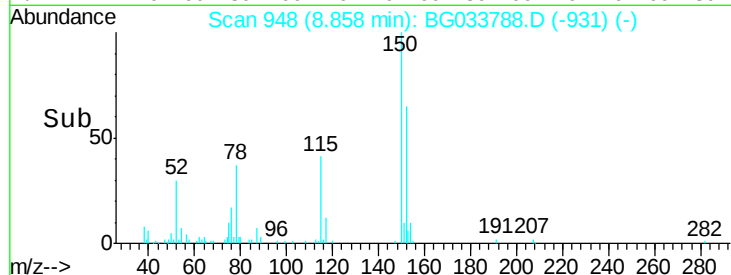
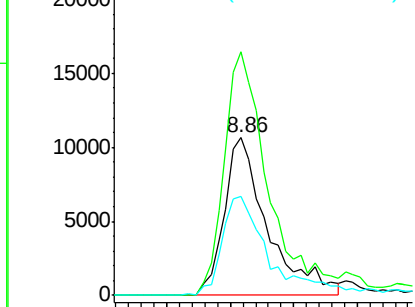
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

Instrument :
BNA_G
ClientSampleId :
72-12002

Tot Ion:152 Resp: 25186
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 63.1 53.0 79.4



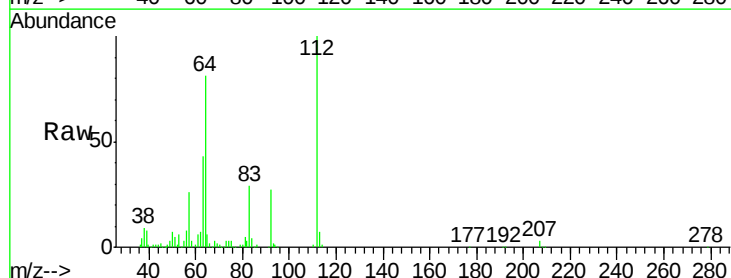
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



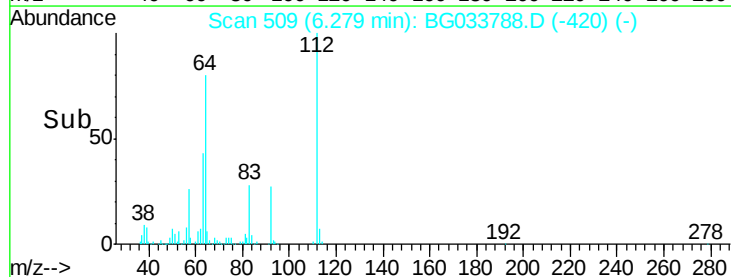
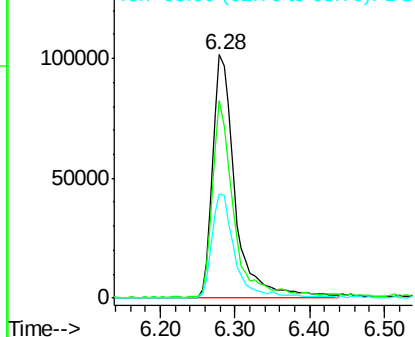
#5

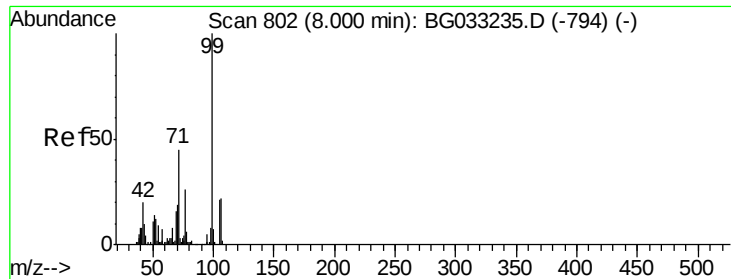
2-Fluorophenol
Concen: 159.160 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

Tgt Ion:112 Resp: 213778
Ion Ratio Lower Upper
112 100
64 81.1 56.3 84.5
63 42.9 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: 51.704 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

72-12002

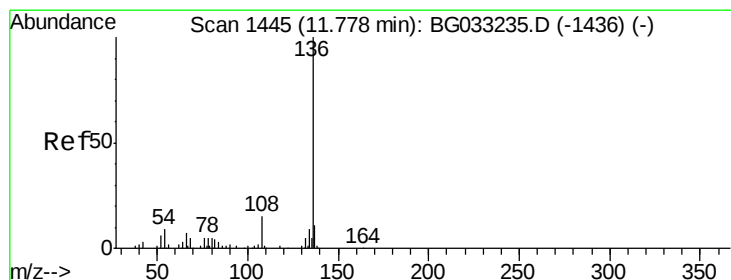
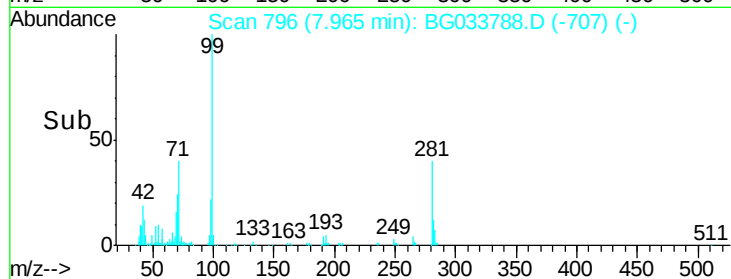
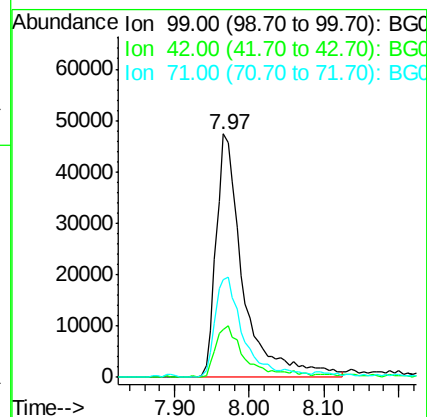
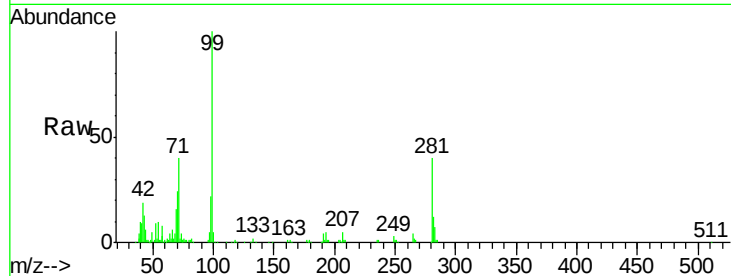
Tot Ion: 99 Resp: 119325

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 40.0 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: BG033788.D

Acq: 13 Apr 2018 00:58

Tgt Ion: 136 Resp: 108895

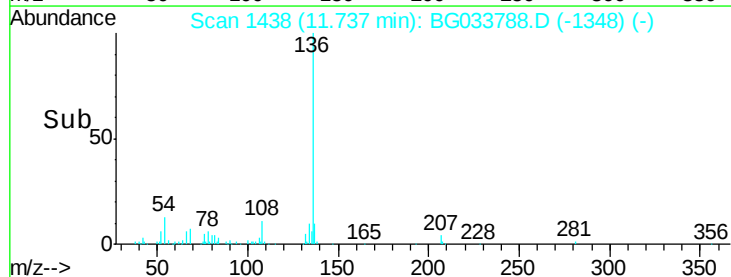
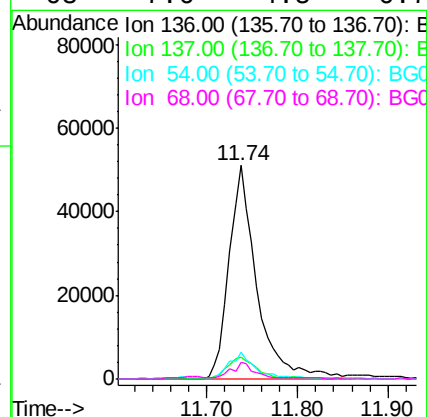
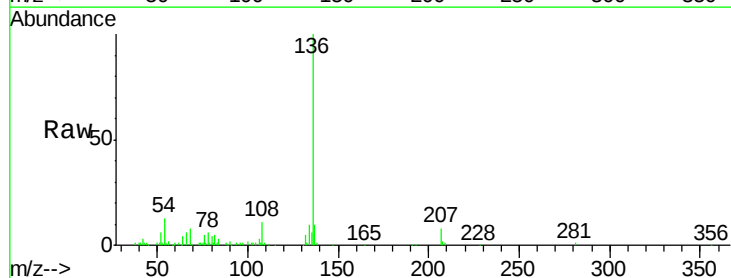
Ion Ratio Lower Upper

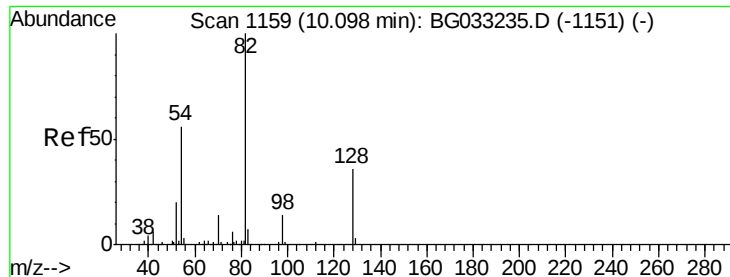
136 100

137 10.3 9.2 13.8

54 12.8 10.3 15.5

68 7.6 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 99.257 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

72-12002

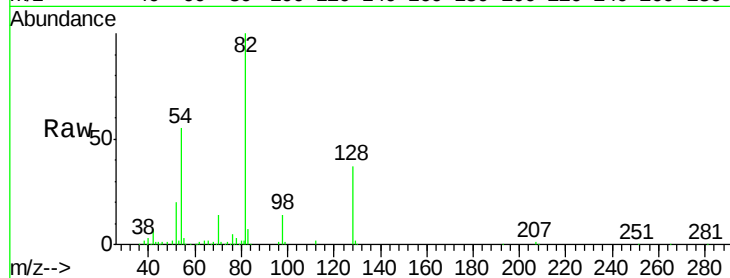
Tot Ion: 82 Resp: 235256

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

54 55.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

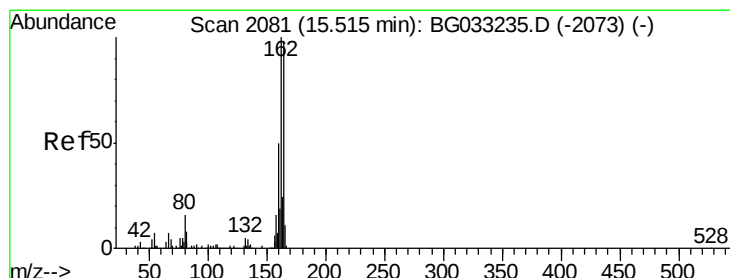
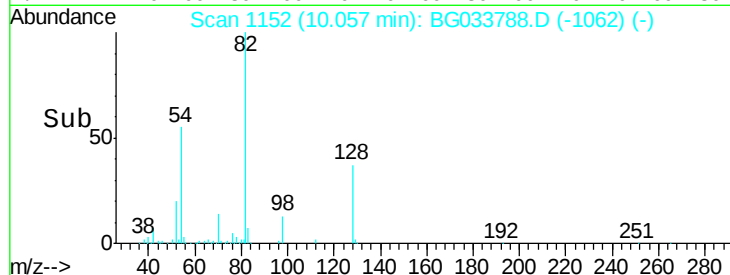
10.06

100000

50000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

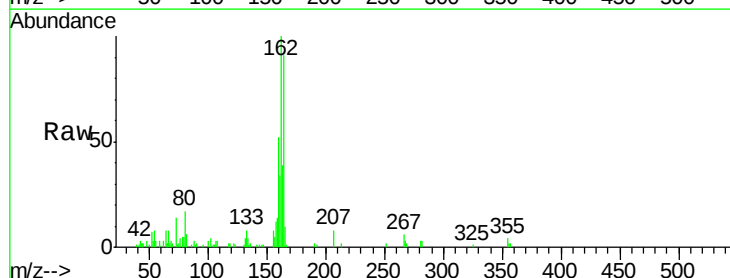
Tgt Ion:164 Resp: 22865

Ion Ratio Lower Upper

164 100

162 109.7 78.8 118.2

160 57.2 35.4 53.0#



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

15.47

20000

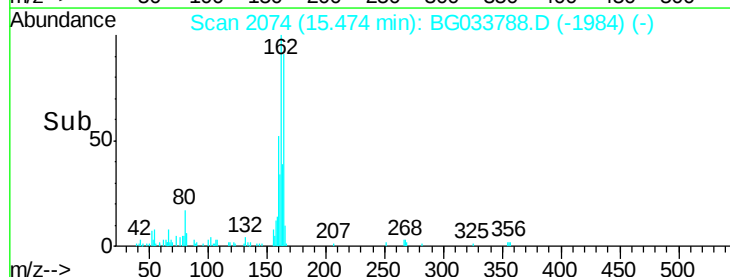
15000

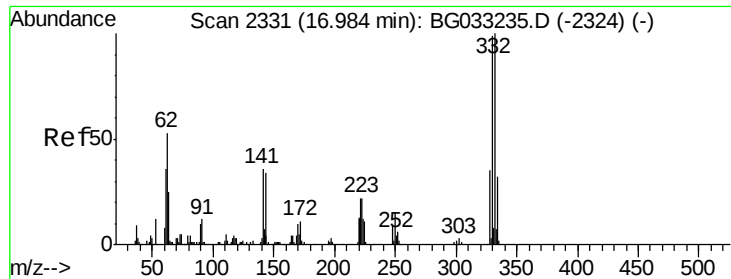
10000

5000

0

Time-->

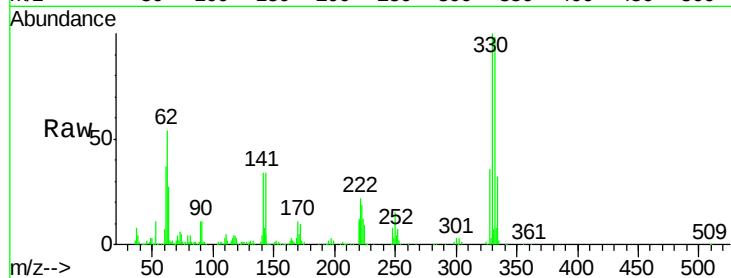




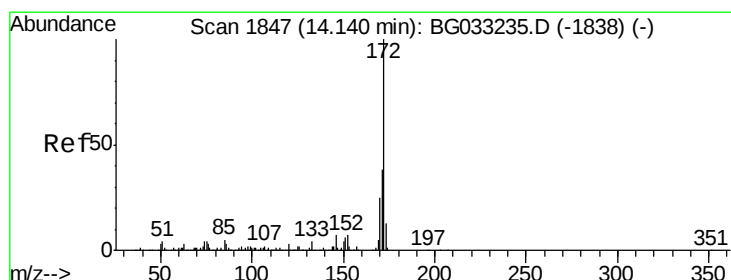
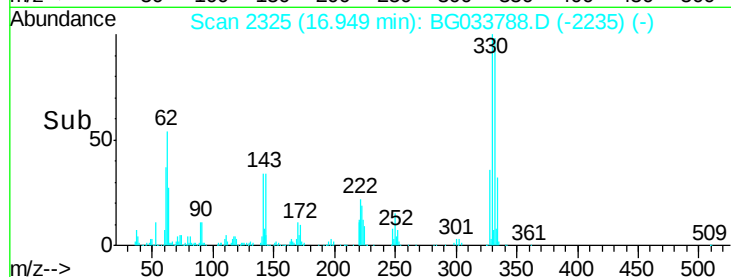
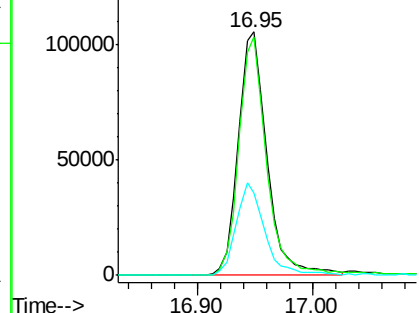
#41
 2,4,6-Tribromophenol
 Concen: 531.332 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Instrument :
 BNA_G
 ClientSampled :
 72-12002

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.8	25.2	37.8

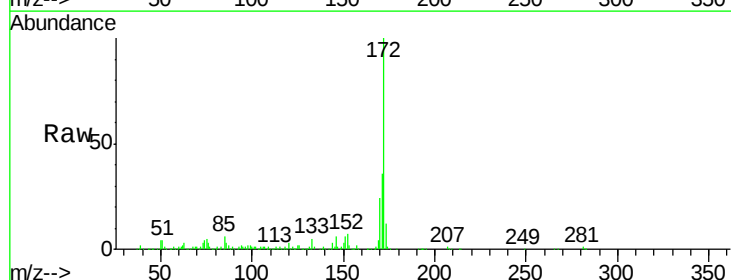


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

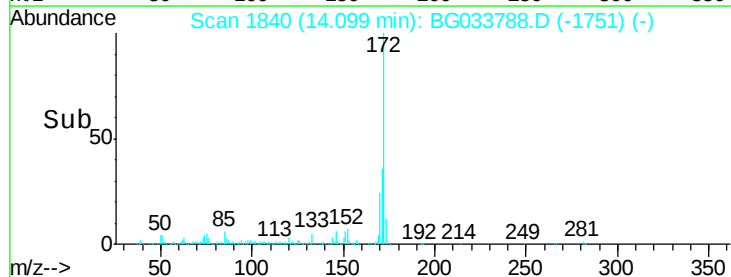
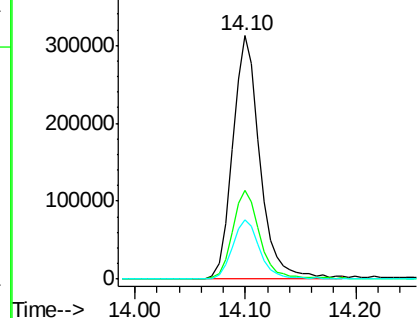


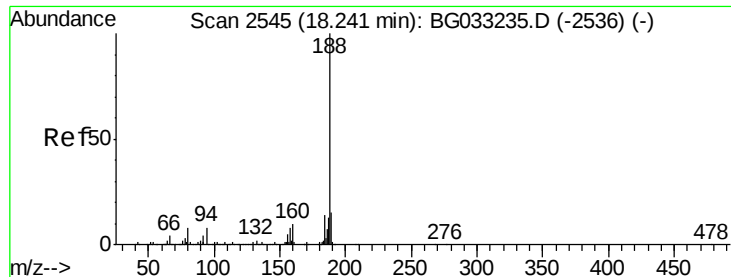
#44
 2-Fluorobiphenyl
 Concen: 342.152 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.4	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. 0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

72-12002

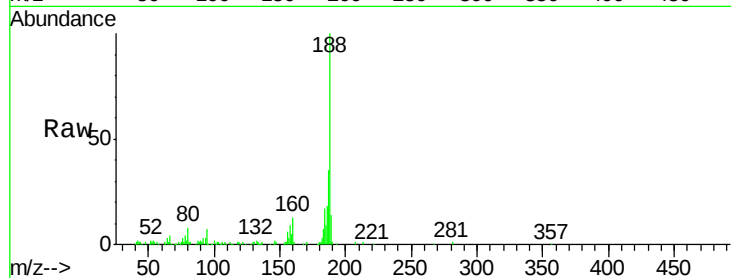
Tot Ion:188 Resp: 131880

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

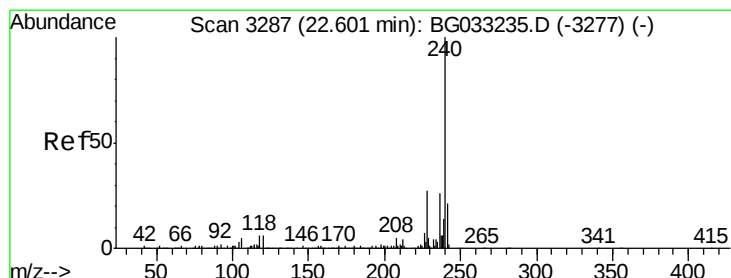
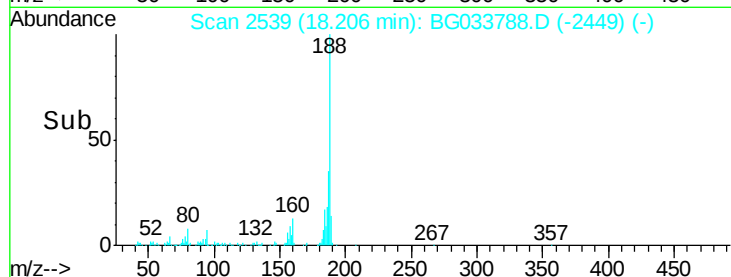
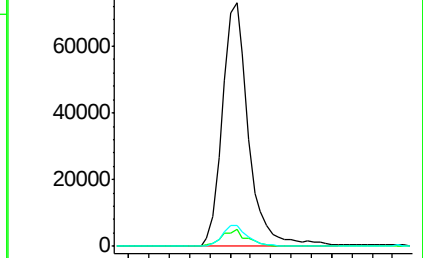
80 8.4 7.7 11.5



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: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

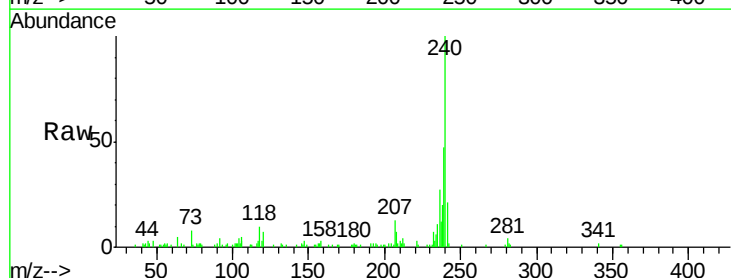
Tgt Ion:240 Resp: 42643

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

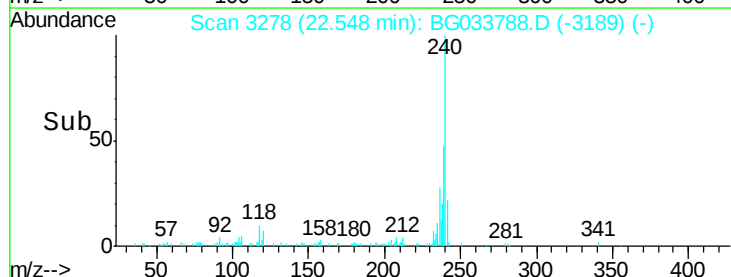
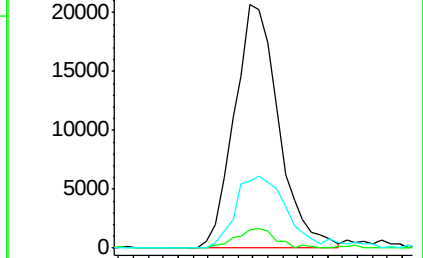
236 27.3 20.9 31.3

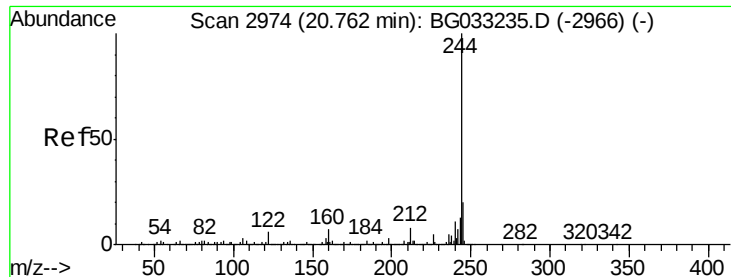


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 342.321 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

72-12002

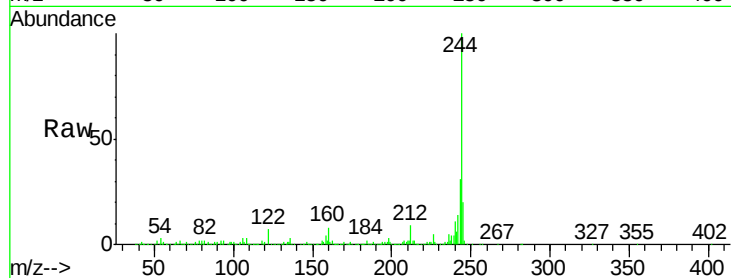
Tot Ion:244 Resp: 682575

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

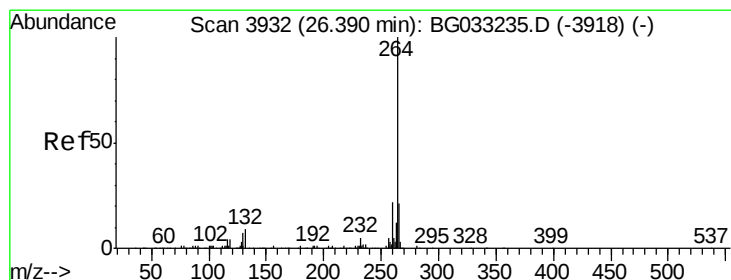
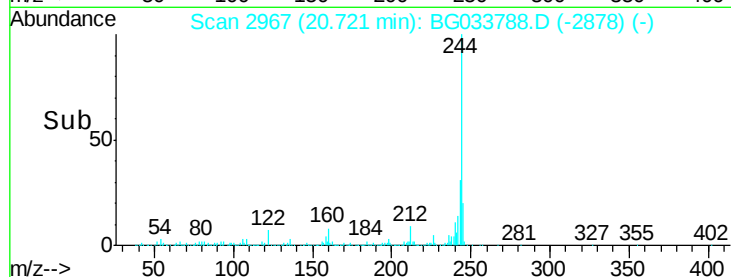
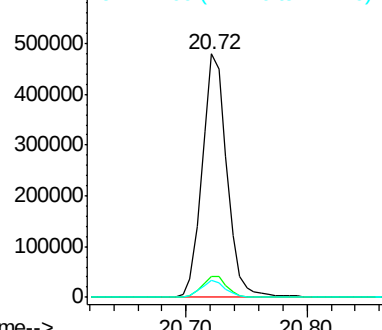
122 6.8 7.0 10.4#



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: 26.30 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

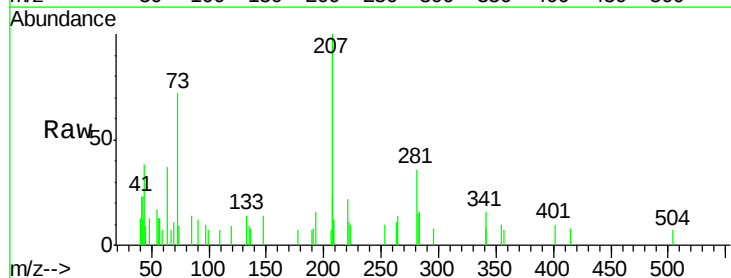
Tgt Ion:264 Resp: 795

Ion Ratio Lower Upper

264 100

260 0.0 17.4 26.0#

265 0.0 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

