

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033786.D
 Acq On : 12 Apr 2018 23:42
 Operator : SJ/JU
 Sample : J2335-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2

Quant Time: Apr 13 03:25:14 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	26310	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	118608	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	45755	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	234151	20.00	ng	0.00
75) Chrysene-d12	22.55	240	162397	20.00	ng	0.00
86) Perylene-d12	26.31	264	18633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	241875	172.38	ng	0.00
7) Phenol-d6	7.97	99	224417	93.09	ng	0.00
23) Nitrobenzene-d5	10.05	82	263959	102.25	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	185465	271.02	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	570598	180.03	ng	0.00
78) Terphenyl-d14	20.72	244	1251616	164.83	ng	0.00

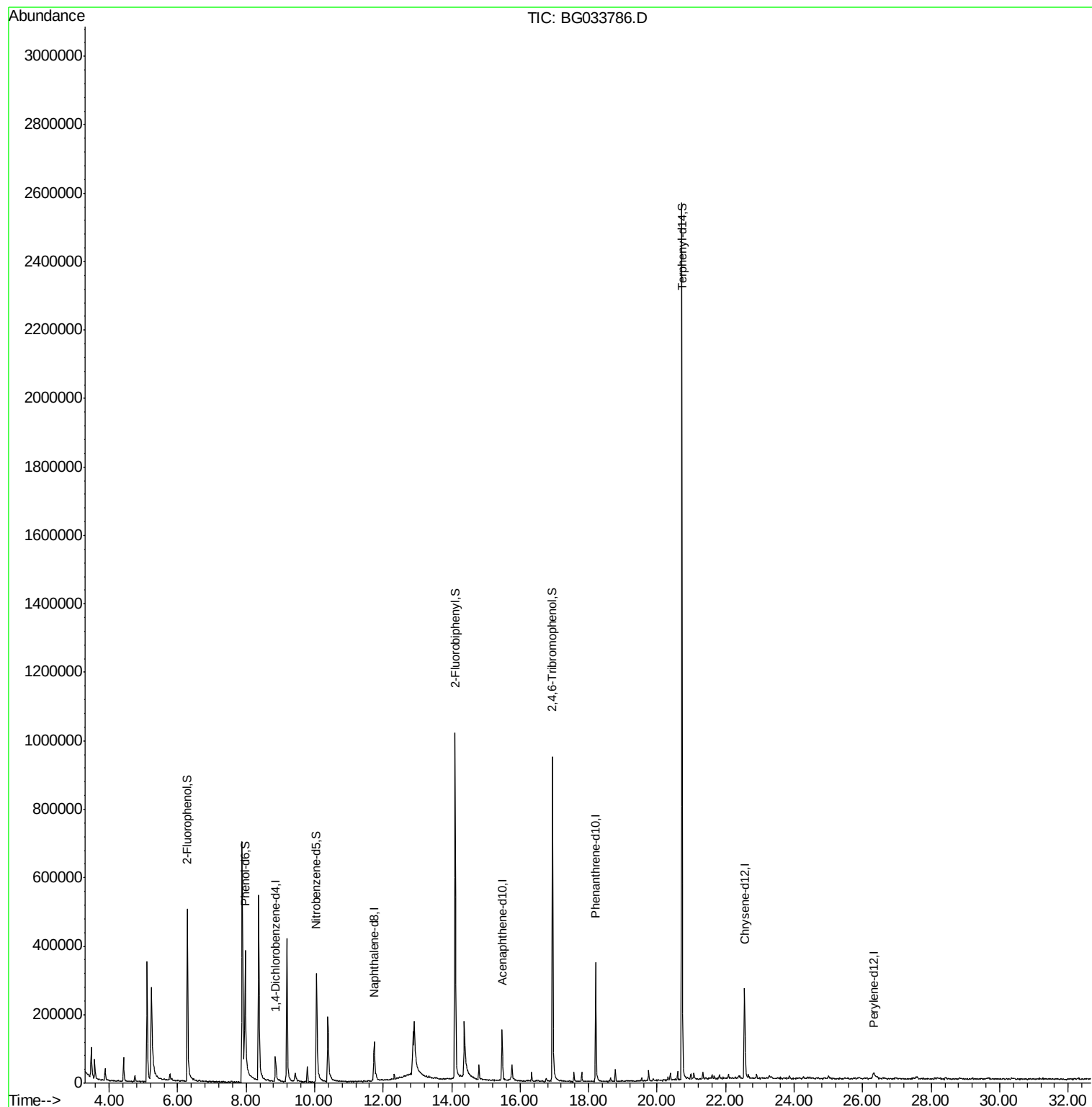
Target Compounds Qvalue

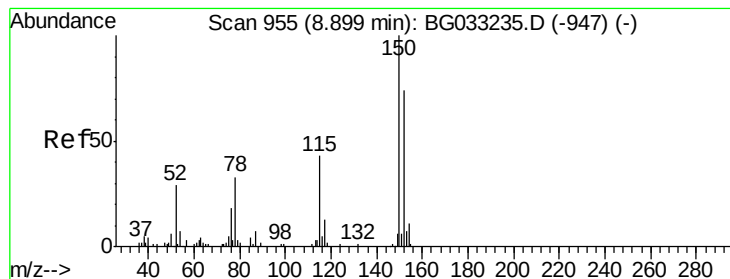
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033786.D

Acq: 12 Apr 2018 23:42

Instrument :

BNA_G

ClientSampleId :

S2

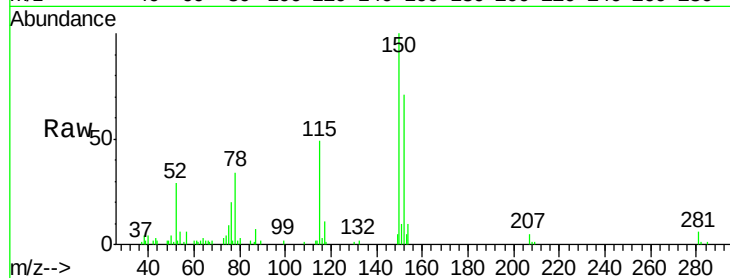
Tot Ion:152 Resp: 26310

Ion Ratio Lower Upper

152 100

150 140.8 126.6 189.8

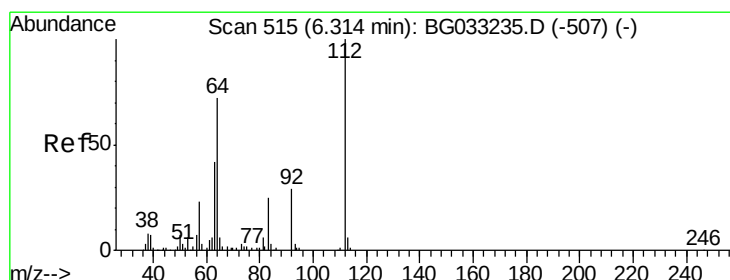
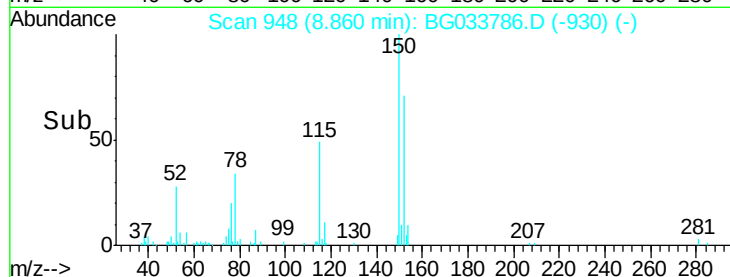
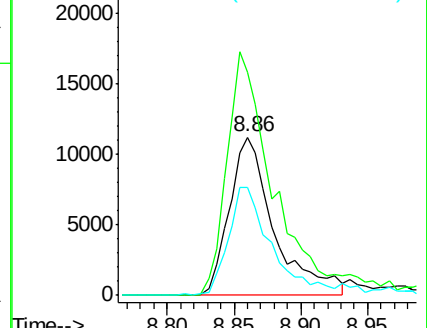
115 68.3 53.0 79.4



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: 172.385 ng

RT: 6.28 min Scan# 509

Delta R.T. -0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

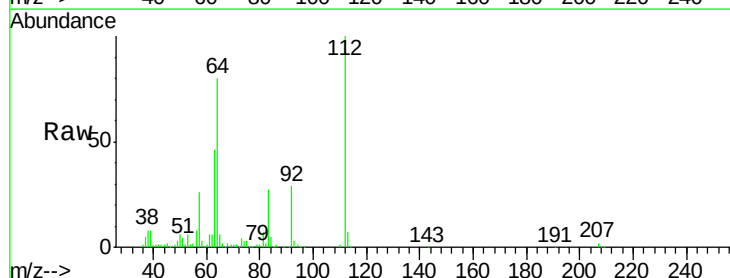
Tgt Ion:112 Resp: 241875

Ion Ratio Lower Upper

112 100

64 79.9 56.3 84.5

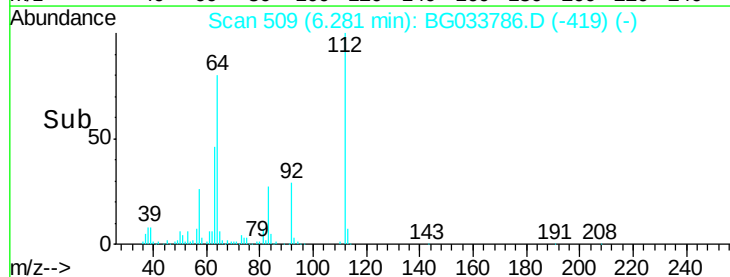
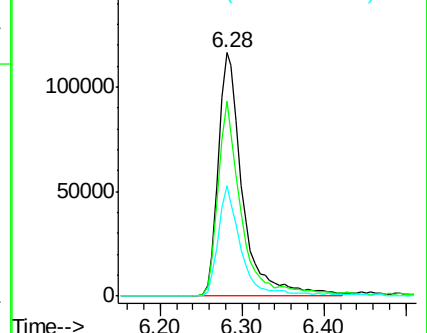
63 45.5 30.1 45.1#

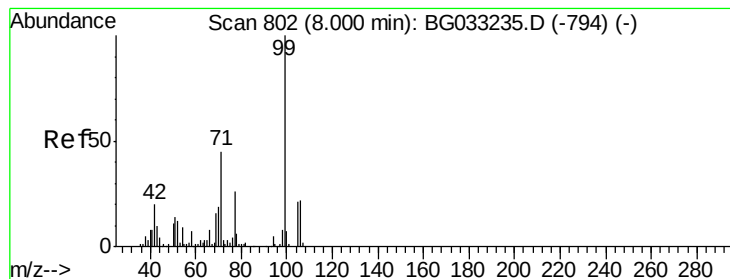


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.087 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

Instrument :

BNA_G

ClientSampleId :

S2

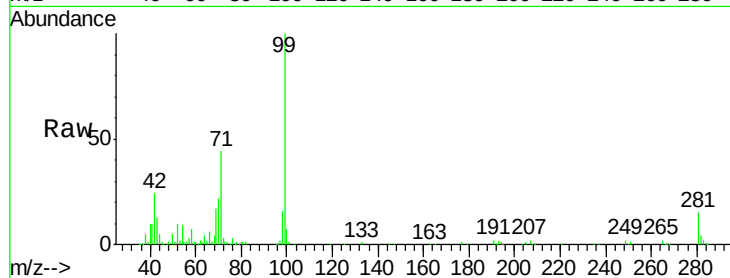
Tot Ion: 99 Resp: 224417

Ion Ratio Lower Upper

99 100

42 24.3 14.1 21.1#

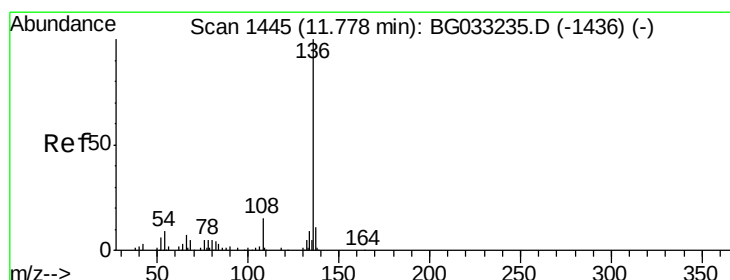
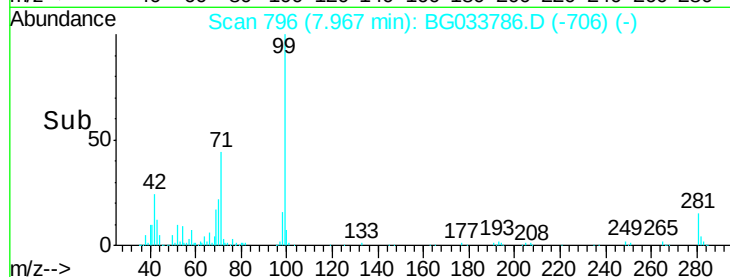
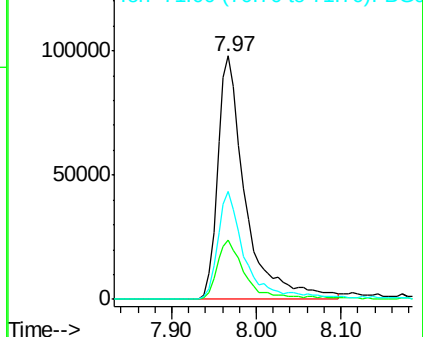
71 44.3 26.1 39.1#



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# 1438

Delta R.T. 0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

Tgt Ion: 136 Resp: 118608

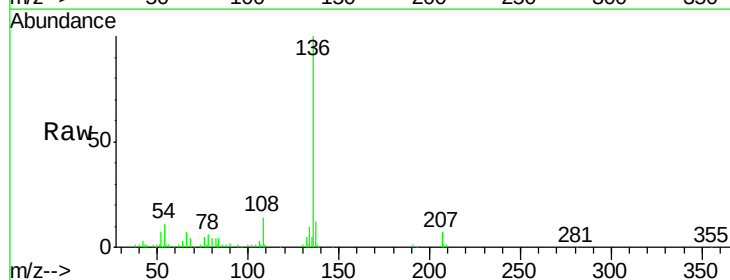
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 10.9 10.3 15.5

68 4.3 4.5 6.7#

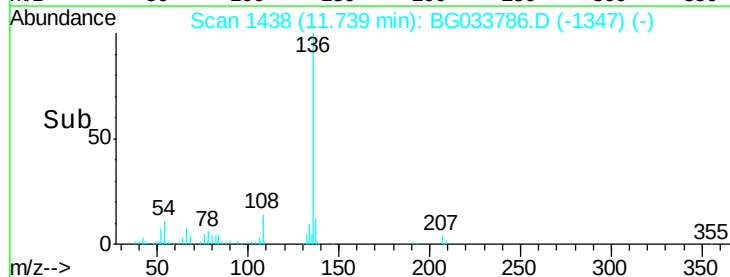
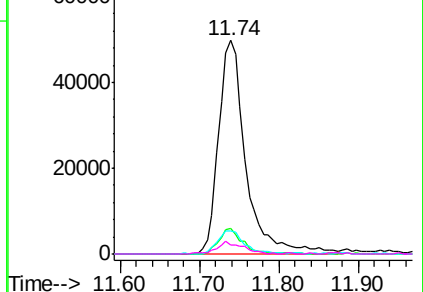


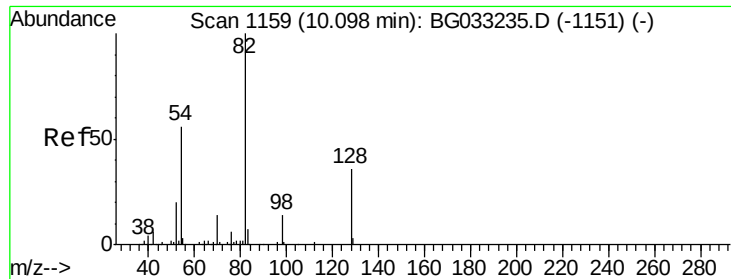
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

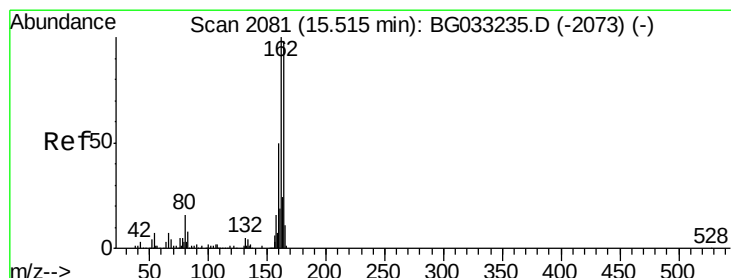
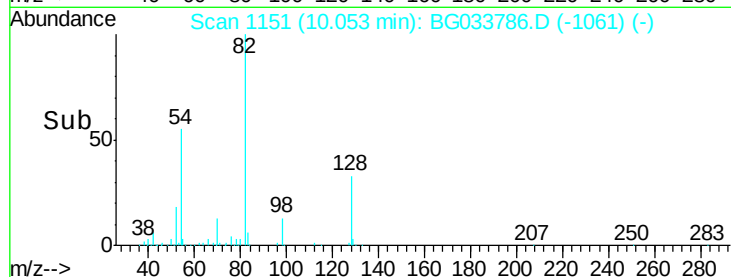
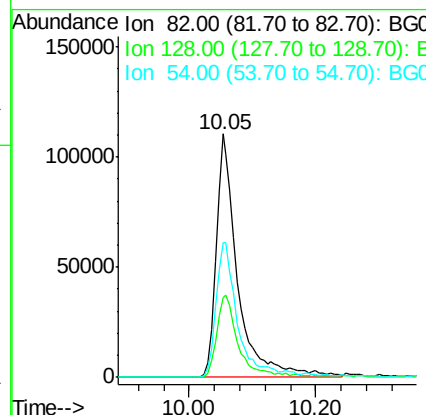
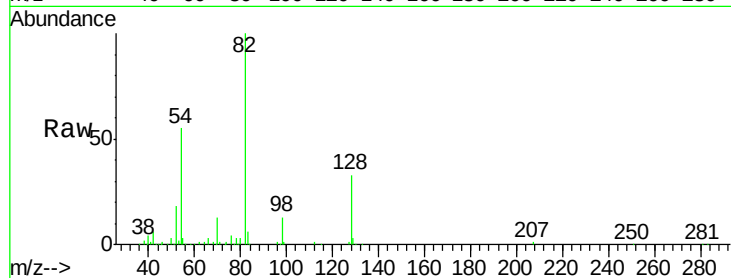




#23
 Nitrobenzene-d5
 Concen: 102.247 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033786.D
 Acq: 12 Apr 2018 23:42

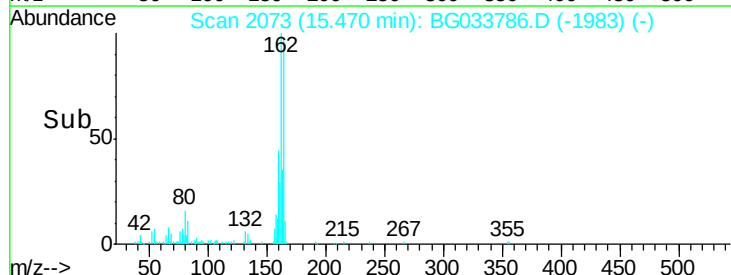
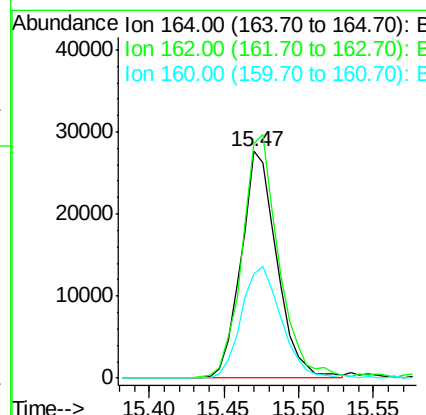
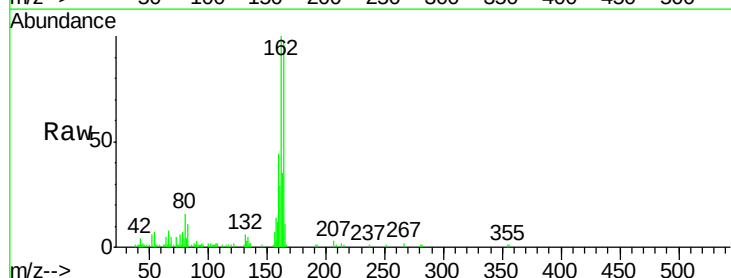
Instrument :
 BNA_G
 ClientSampled :
 S2

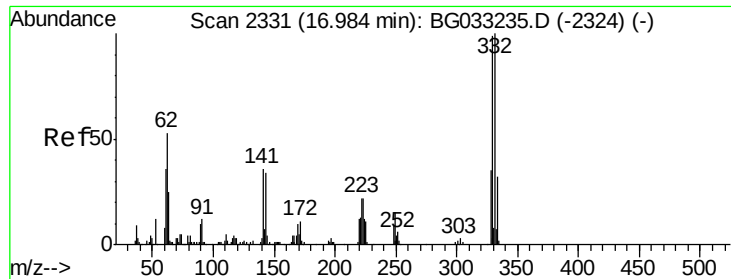
Tot Ion	82	Resp	263959
Ion Ratio	Lower	Upper	
82	100		
128	32.6	29.7	44.5
54	55.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033786.D
 Acq: 12 Apr 2018 23:42

Tgt Ion	164	Resp	45755
Ion Ratio	Lower	Upper	
164	100		
162	103.3	78.8	118.2
160	45.7	35.4	53.0

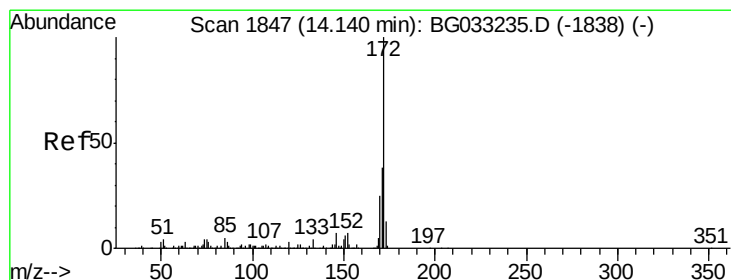
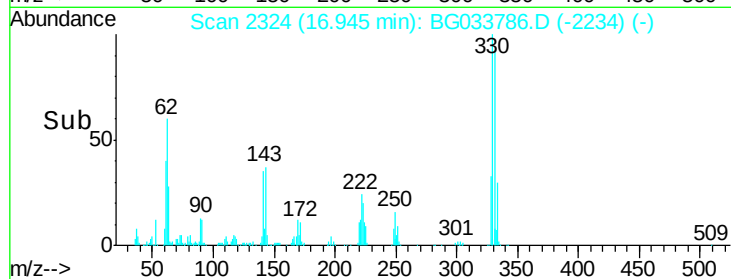
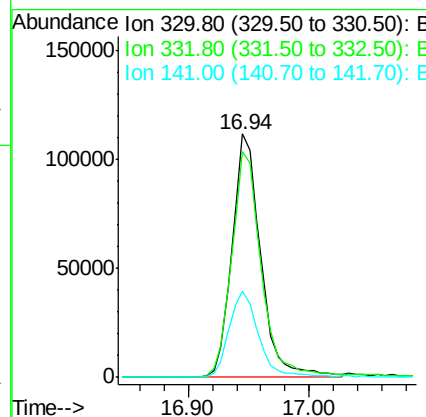
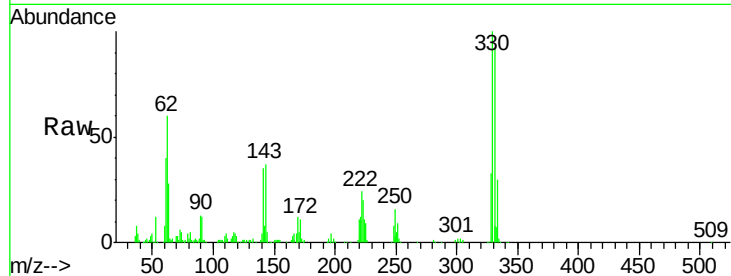




#41
 2,4,6-Tribromophenol
 Concen: 271.021 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033786.D
 Acq: 12 Apr 2018 23:42

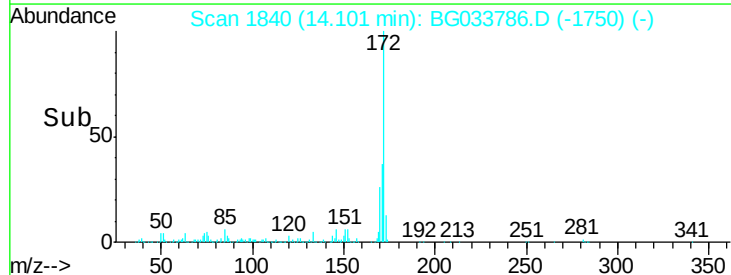
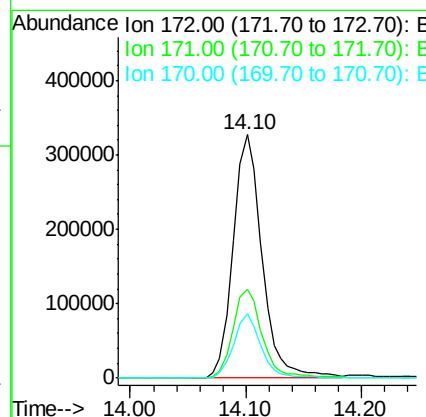
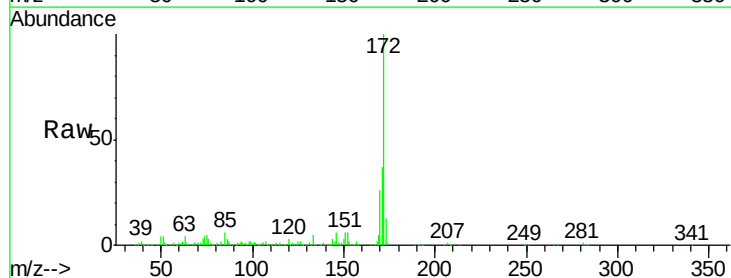
Instrument :
 BNA_G
 ClientSampled :
 S2

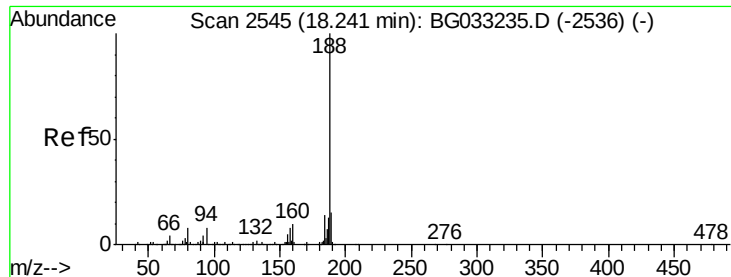
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 180.032 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033786.D
 Acq: 12 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	26.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

Instrument :

BNA_G

ClientSampled :

S2

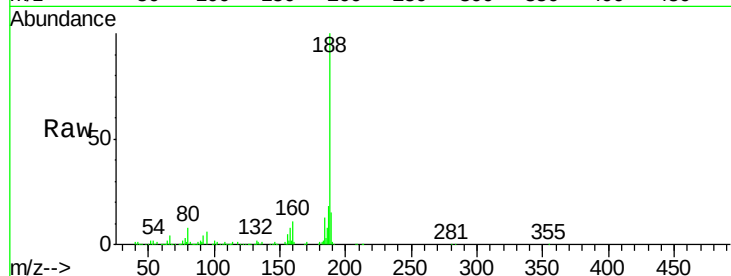
Tot Ion:188 Resp: 234151

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

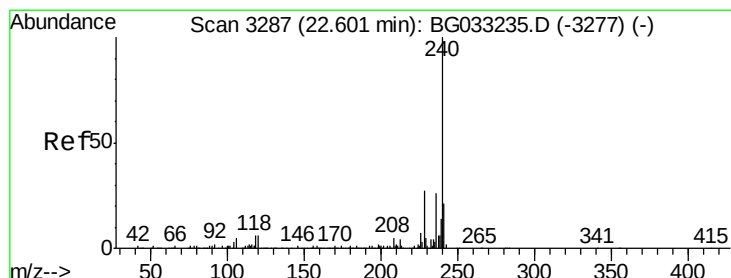
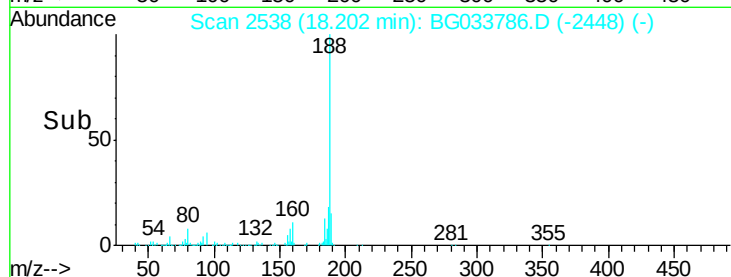
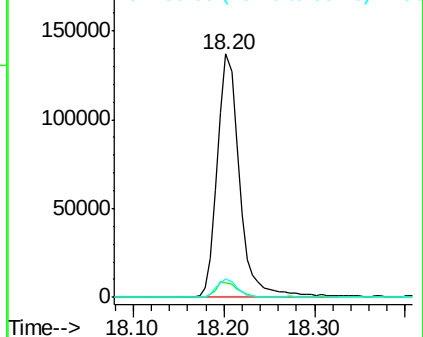
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

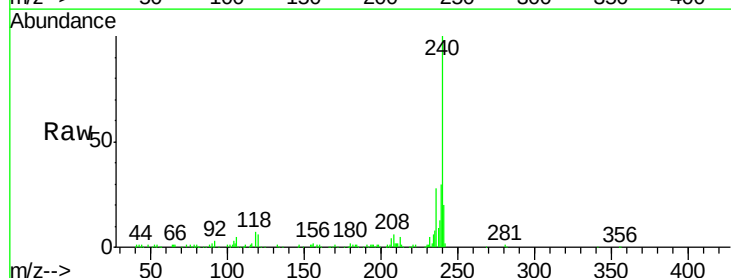
Tgt Ion:240 Resp: 162397

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

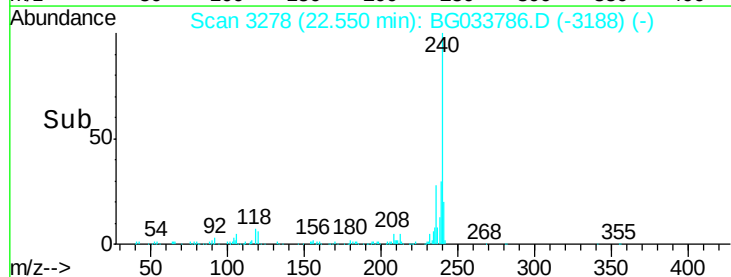
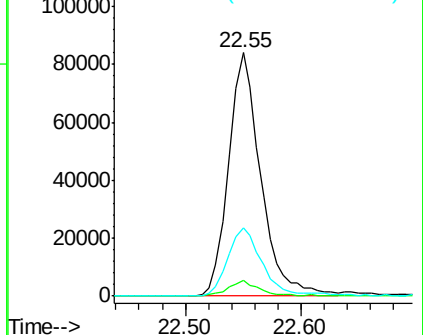
236 28.2 20.9 31.3

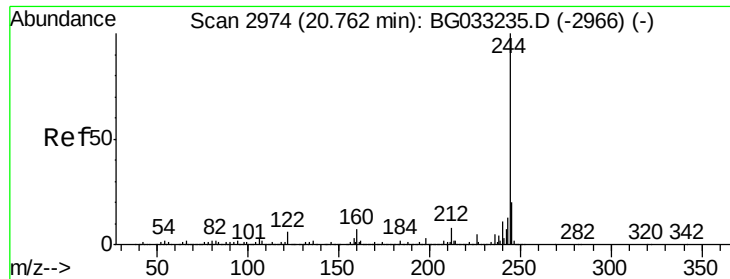


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 164.825 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

Instrument :

BNA_G

ClientSampled :

S2

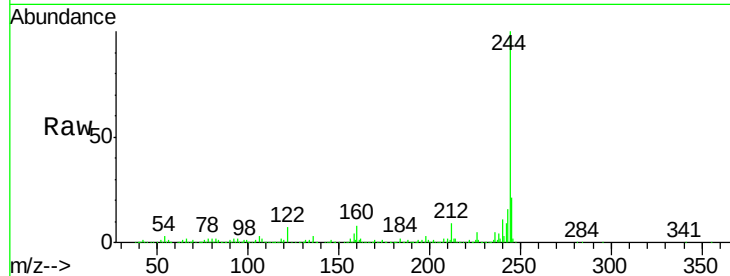
Tot Ion:244 Resp: 1251616

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 7.4 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

20.72

800000

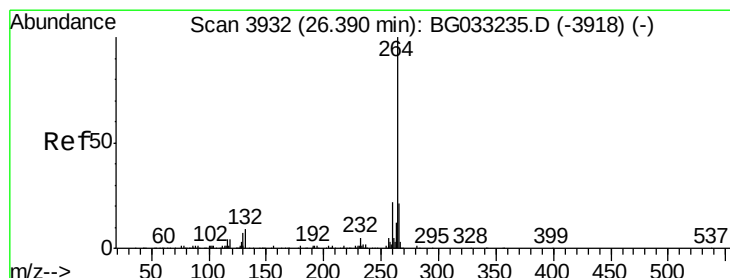
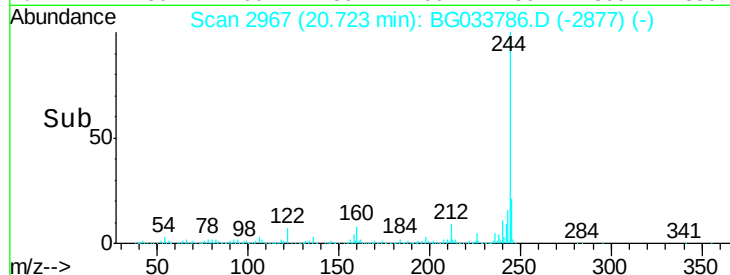
600000

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033786.D

Acq: 12 Apr 2018 23:42

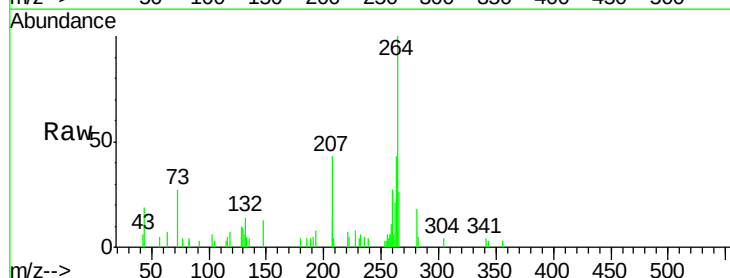
Tgt Ion:264 Resp: 18633

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.0#

265 25.6 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

26.31

6000

5000

4000

3000

2000

1000

0

Time-->

