

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031515.D
 Acq On : 13 Dec 2017 6:11
 Operator : SJ/JU
 Sample : I6814-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHMHC-WC1

Quant Time: Dec 13 07:42:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66682	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	286715	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	195473	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	499346	20.00	ng	0.00
75) Chrysene-d12	21.75	240	584747	20.00	ng	0.00
86) Perylene-d12	25.03	264	565946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	520363	138.32	ng	0.00
7) Phenol-d6	7.28	99	596196	114.16	ng	0.01
23) Nitrobenzene-d5	9.27	82	442510	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	340187	148.55	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1249972	93.86	ng	0.00
78) Terphenyl-d14	20.07	244	2327296	90.55	ng	0.00

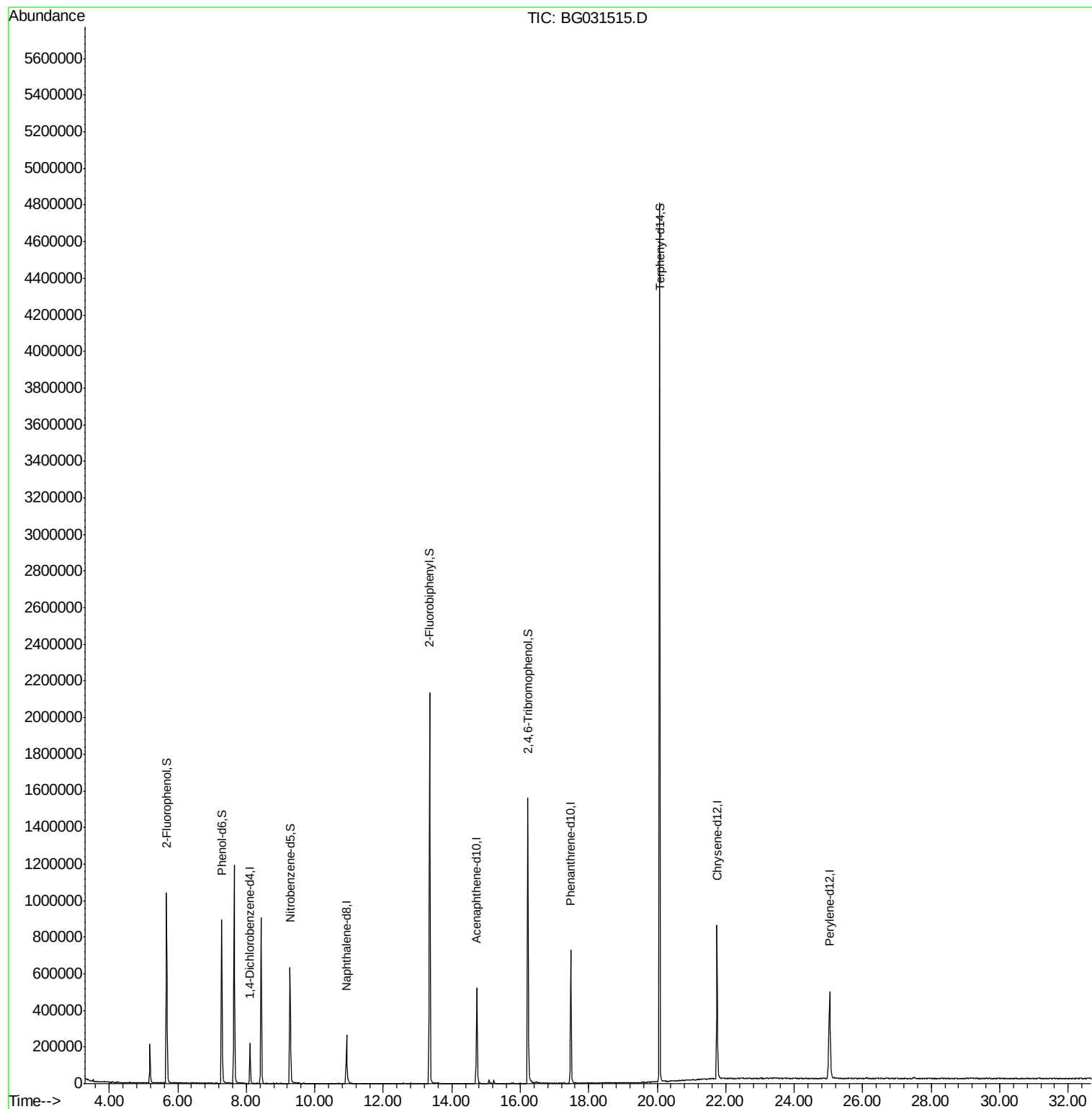
Target Compounds Qvalue

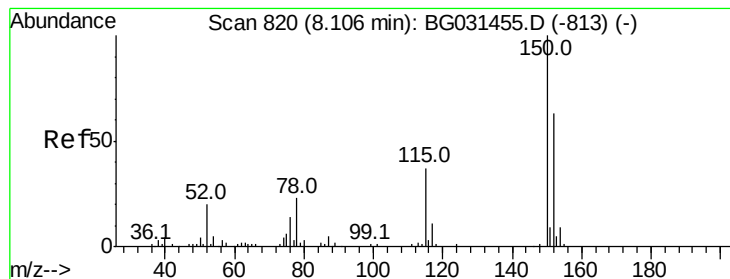
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

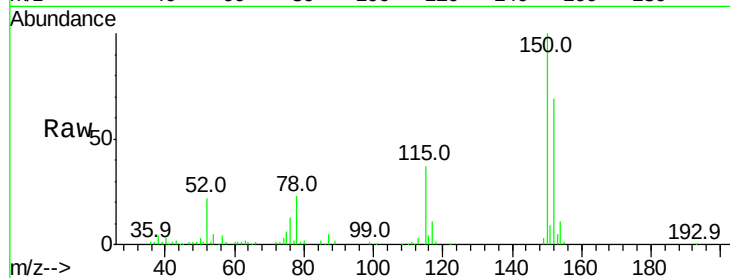
Tot Ion:152 Resp: 66682

Ion Ratio Lower Upper

152 100

150 144.7 126.6 189.8

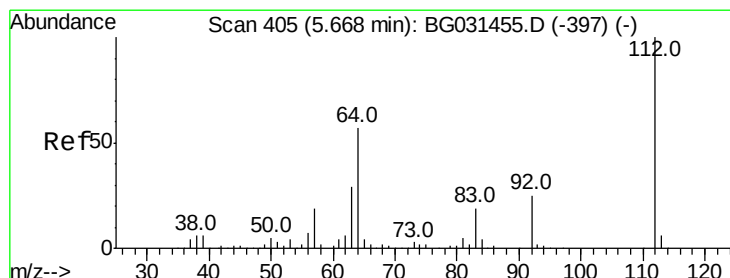
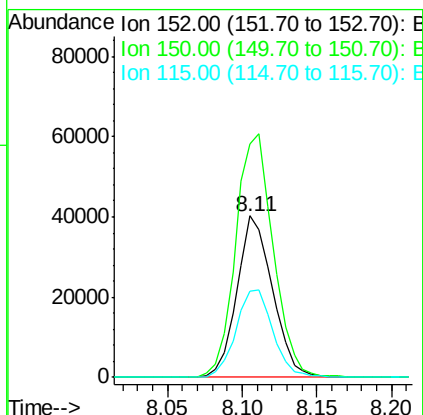
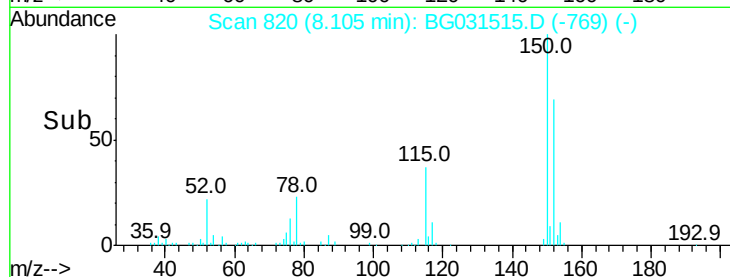
115 53.6 53.0 79.4



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: 138.321 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

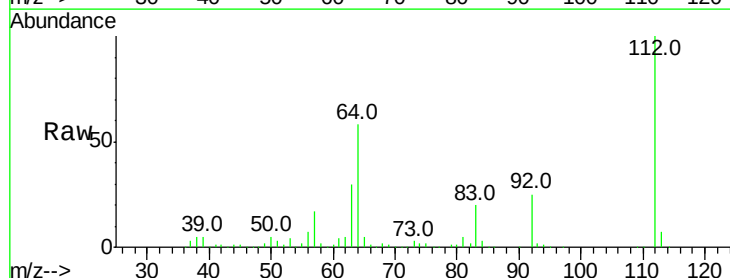
Tgt Ion:112 Resp: 520363

Ion Ratio Lower Upper

112 100

64 57.9 56.3 84.5

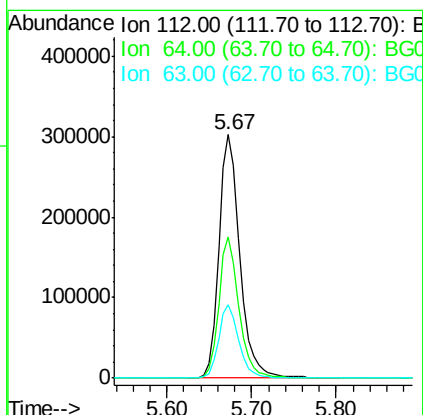
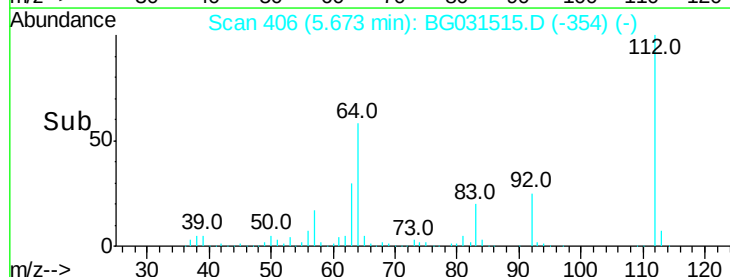
63 29.9 30.1 45.1#

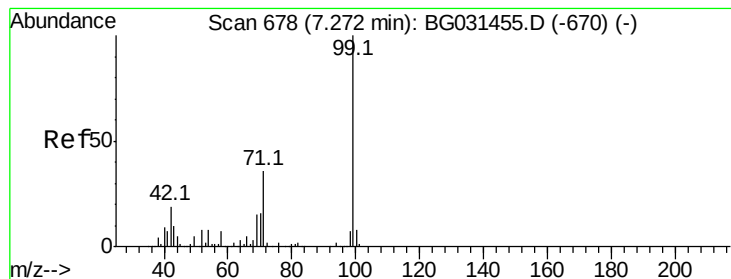


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.159 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

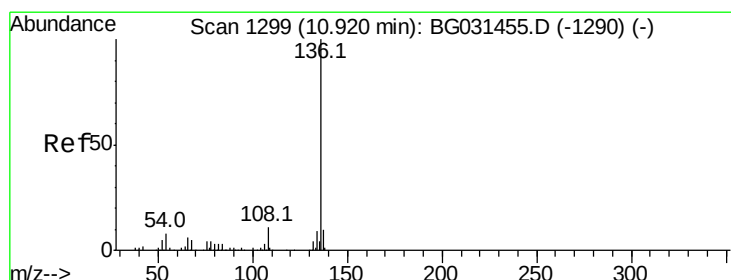
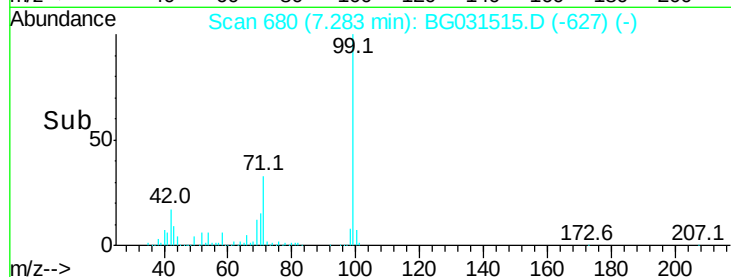
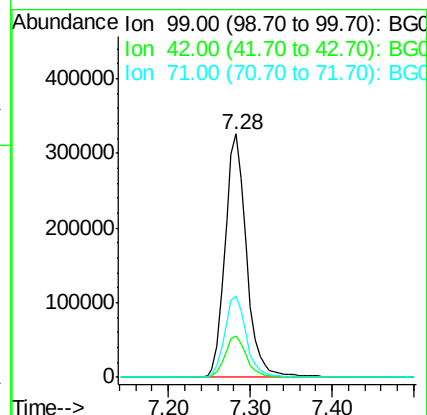
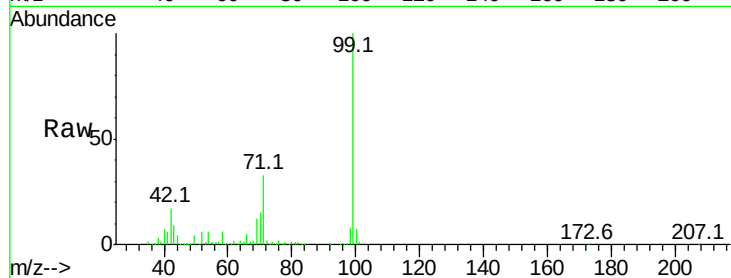
Tot Ion: 99 Resp: 596196

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 33.2 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Tgt Ion: 136 Resp: 286715

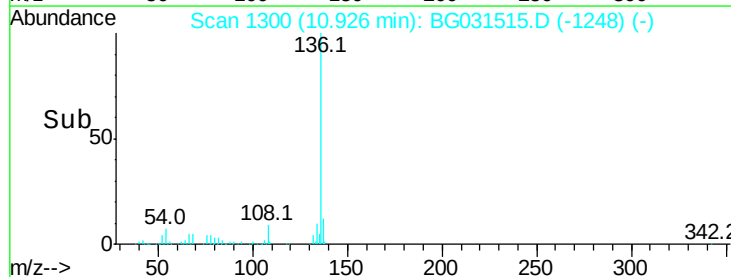
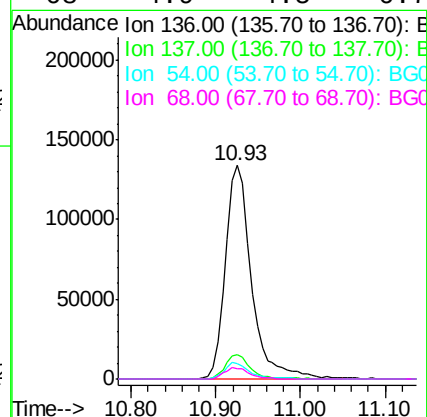
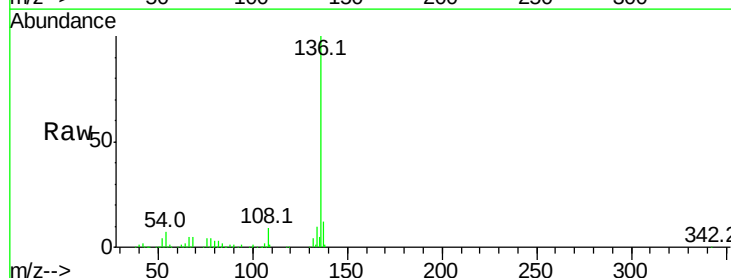
Ion Ratio Lower Upper

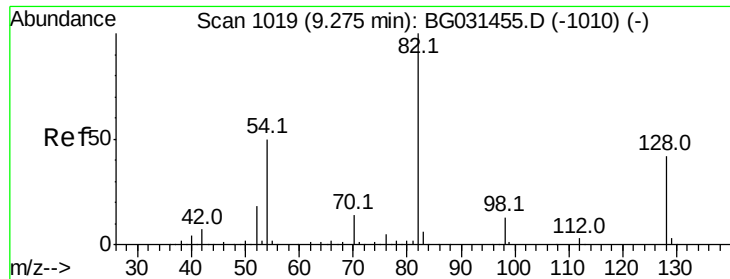
136 100

137 11.6 9.2 13.8

54 7.2 10.3 15.5#

68 4.9 4.5 6.7

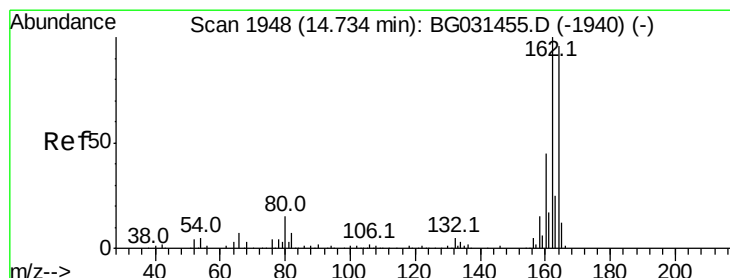
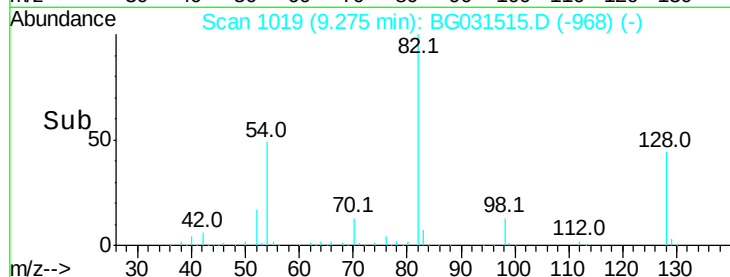
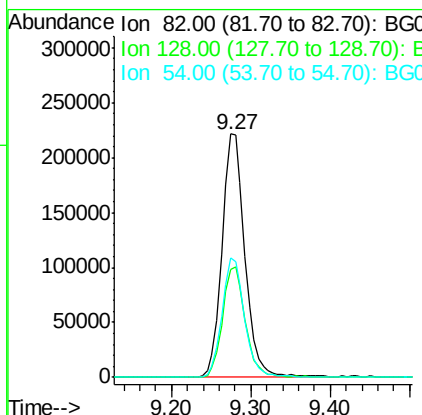
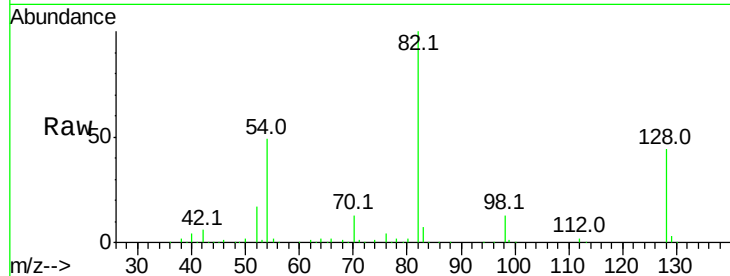




#23
 Nitrobenzene-d5
 Concen: 95.129 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

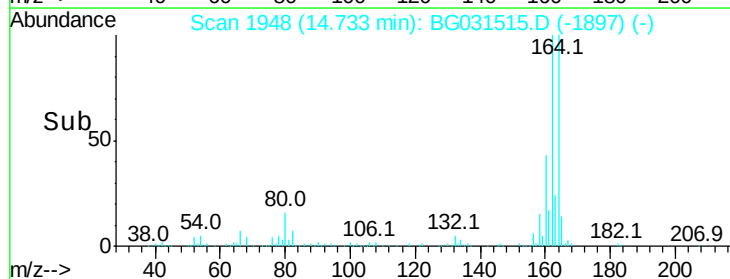
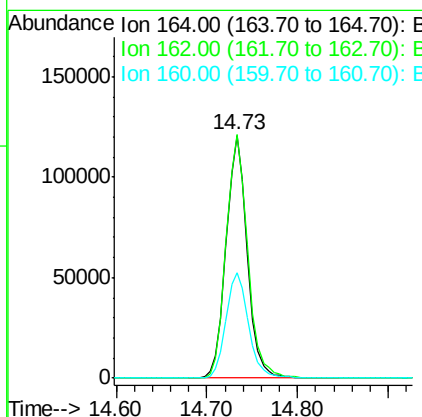
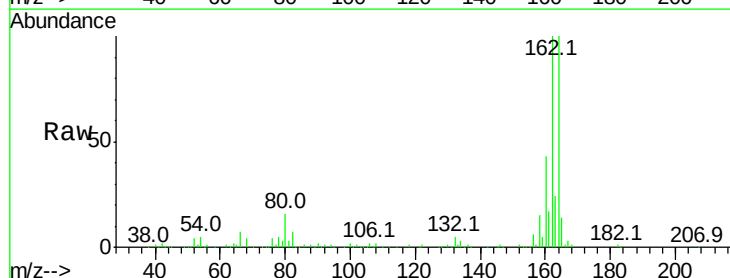
Instrument :
 BNA_G
 ClientSampleId :
 PHMHC-WC1

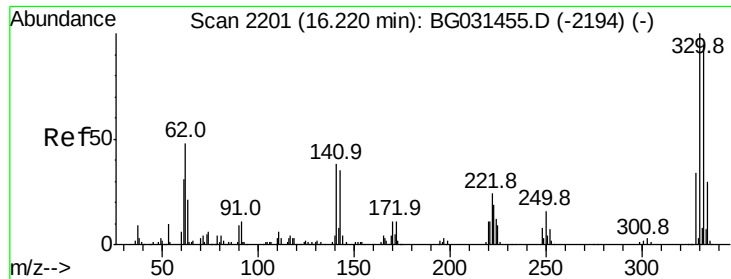
Tot Ion	82	Resp	442510
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	49.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Tgt Ion	164	Resp	195473
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	100.3	35.4	53.0
160	43.3		

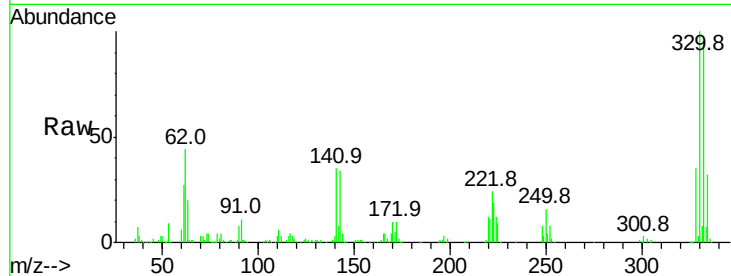




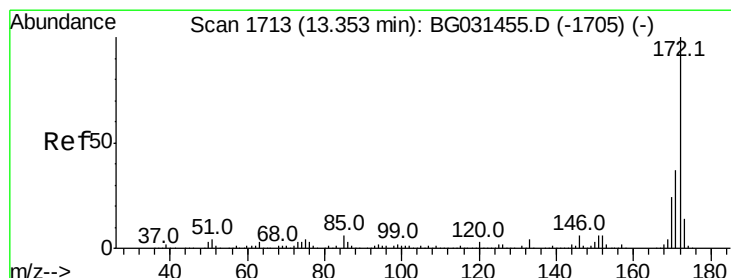
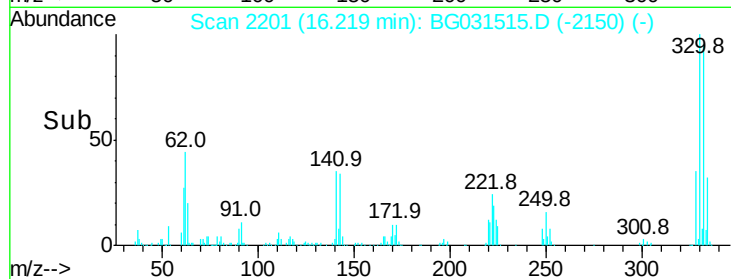
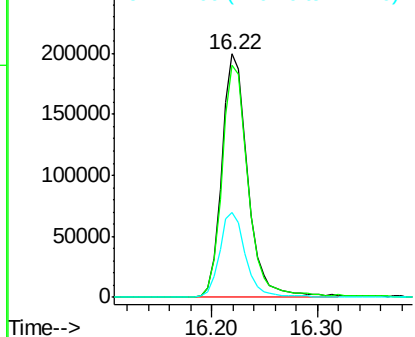
#41
 2,4,6-Tribromophenol
 Concen: 148.550 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Instrument :
 BNA_G
 ClientSampled :
 PHMHC-WC1

Tot Ion:330 Resp: 340187
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 35.0 25.2 37.8

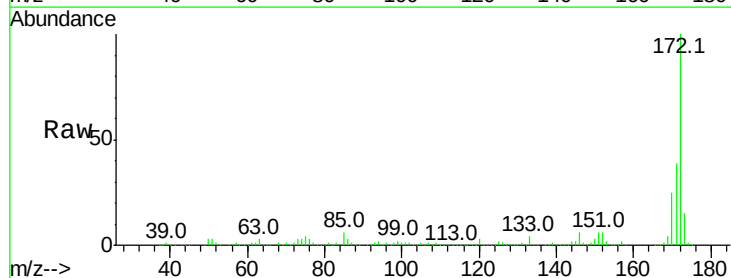


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

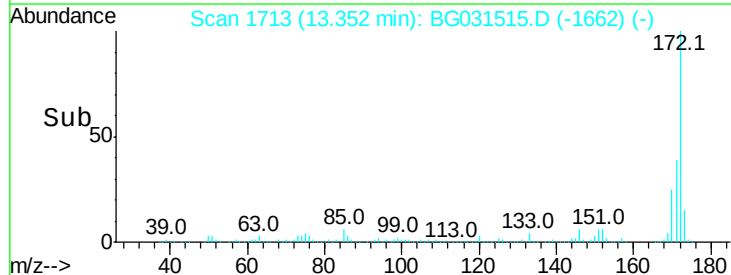
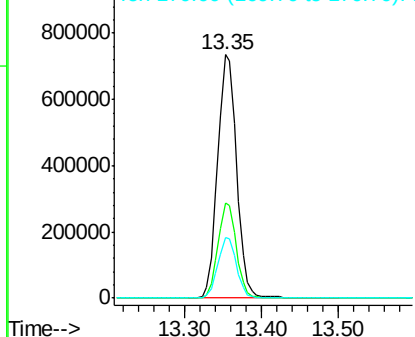


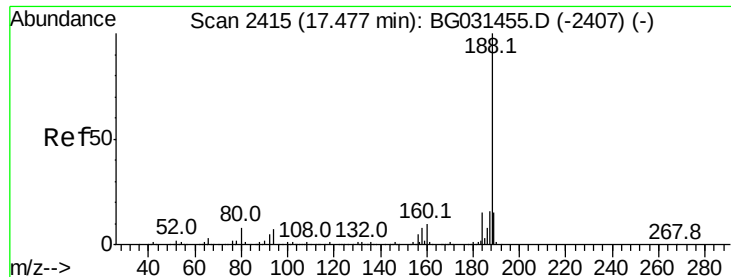
#44
 2-Fluorobiphenyl
 Concen: 93.864 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Tgt Ion:172 Resp: 1249972
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.9 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: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

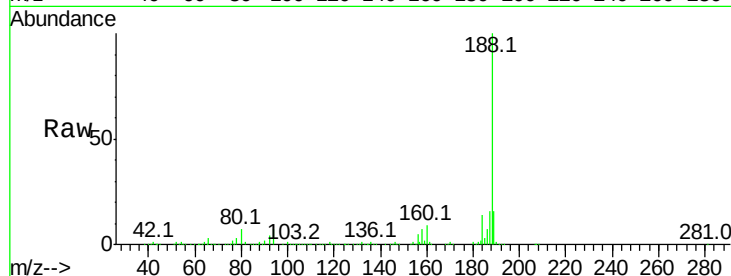
Tot Ion:188 Resp: 499346

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

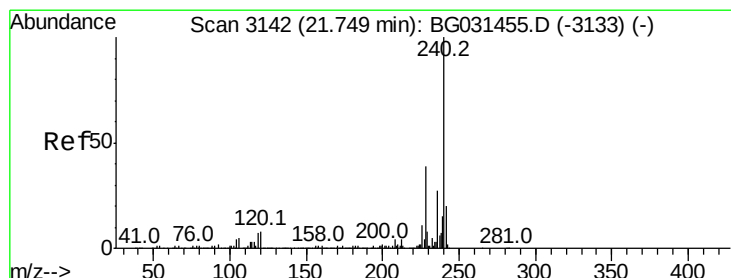
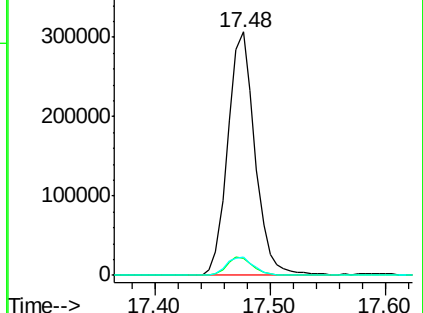
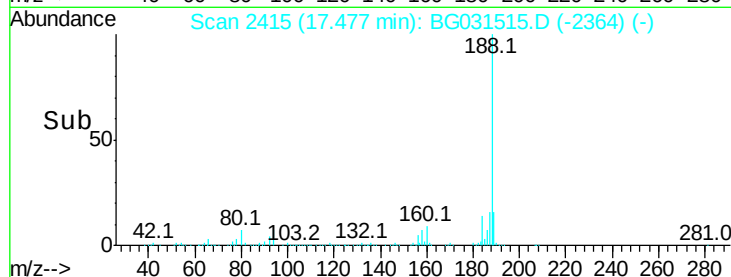
80 7.5 7.7 11.5#



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

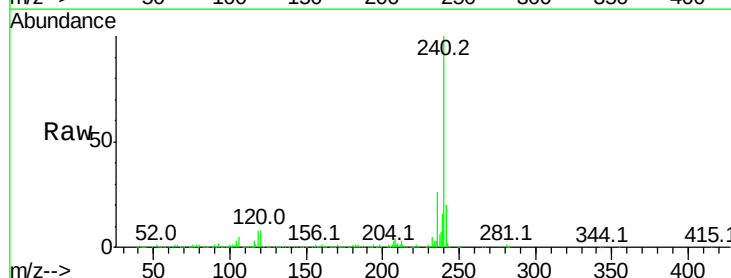
Tgt Ion:240 Resp: 584747

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

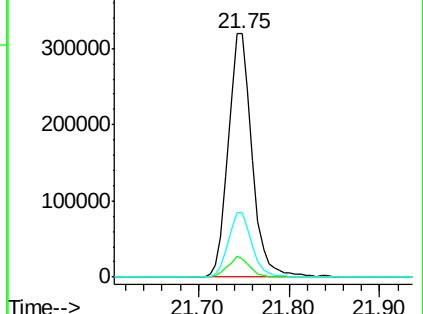
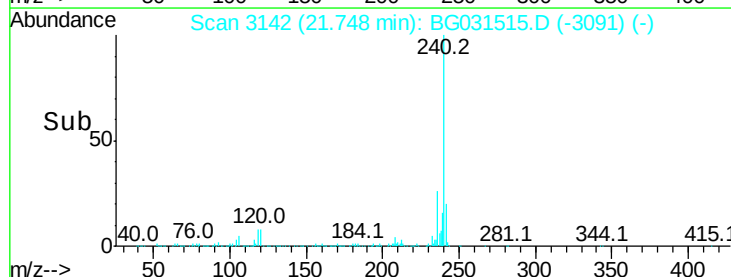
236 26.3 20.9 31.3

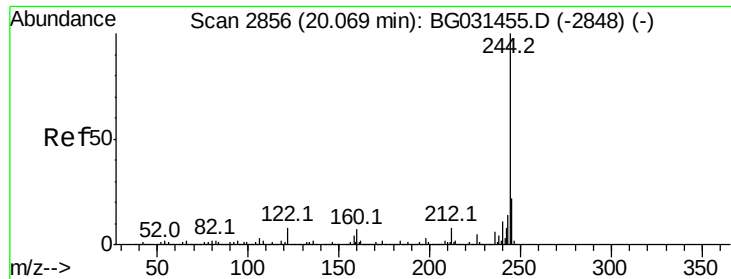


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.552 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

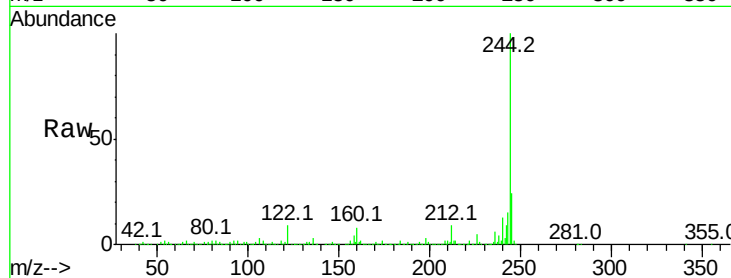
Tot Ion:244 Resp: 2327296

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

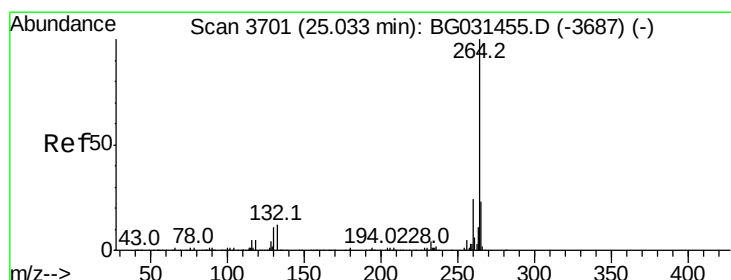
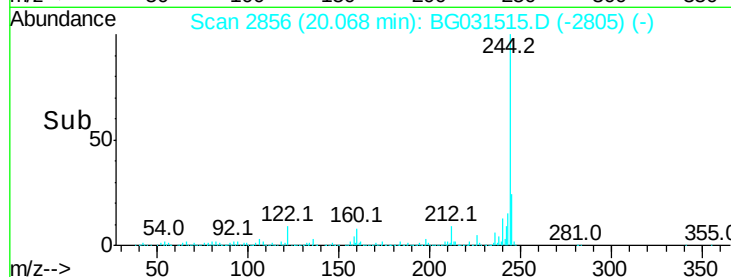
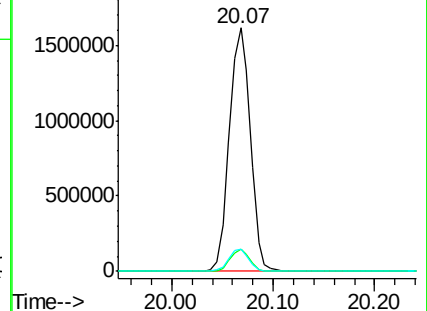
122 9.4 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

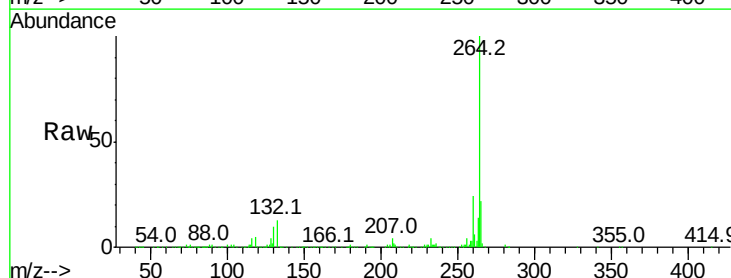
Tgt Ion:264 Resp: 565946

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.4 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

