

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031508.D
 Acq On : 13 Dec 2017 1:48
 Operator : SJ/JU
 Sample : I6766-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-7W

Quant Time: Dec 13 05:58:08 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	59673	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	248835	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	169245	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	481377	20.00	ng	0.00
75) Chrysene-d12	21.74	240	610082	20.00	ng	0.00
86) Perylene-d12	25.03	264	598267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	167346	49.71	ng	0.00
7) Phenol-d6	7.28	99	155807	33.34	ng	0.01
23) Nitrobenzene-d5	9.28	82	373658	92.56	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	222675	112.30	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1111663	96.42	ng	0.00
78) Terphenyl-d14	20.07	244	2160018	80.55	ng	0.00

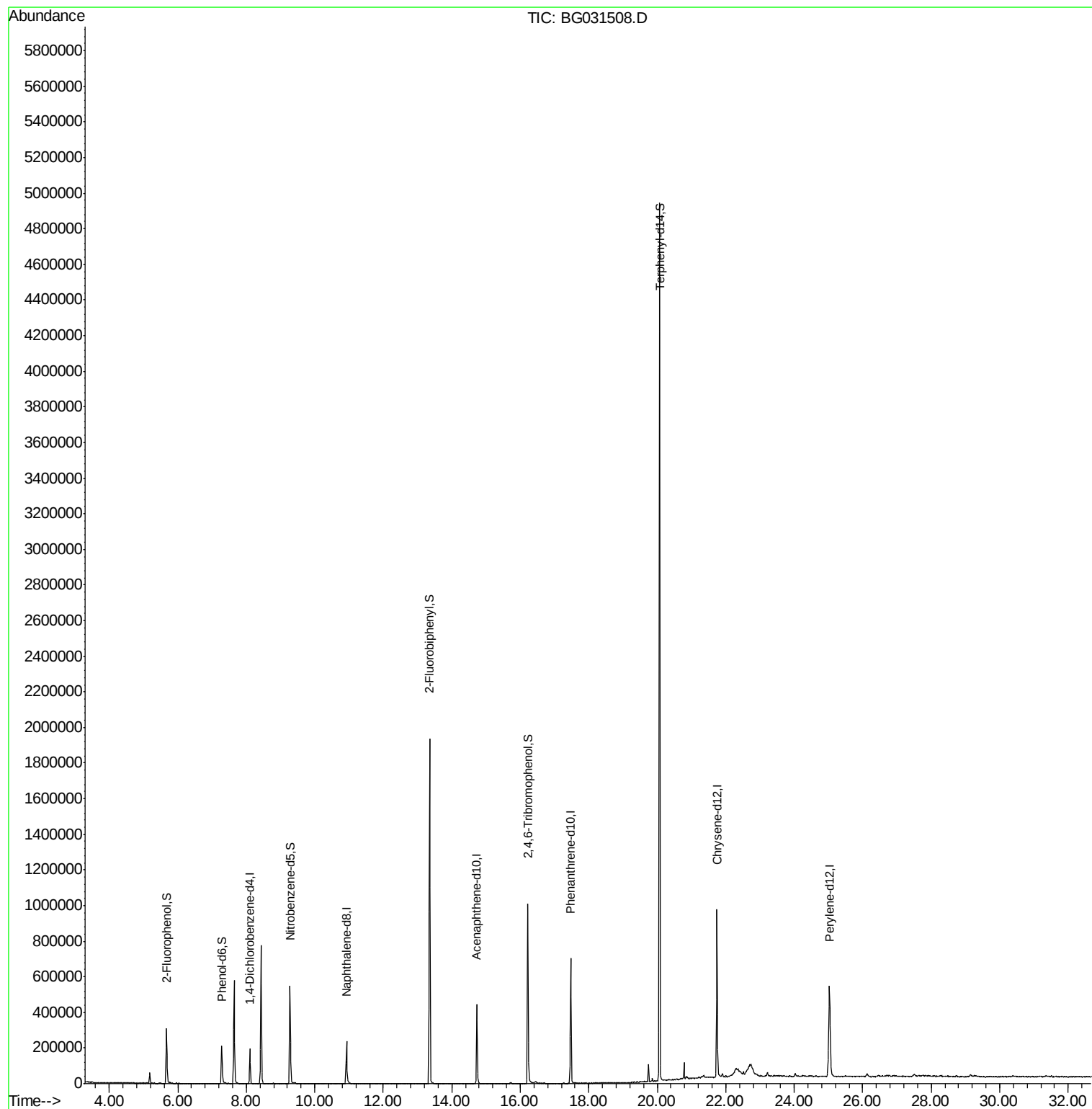
Target Compounds Qvalue

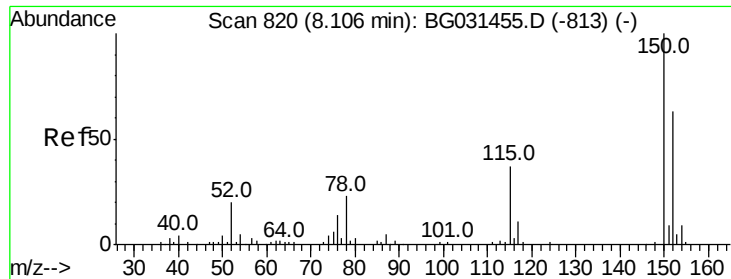
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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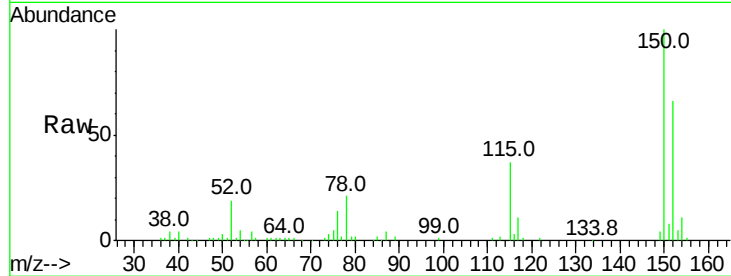


#1

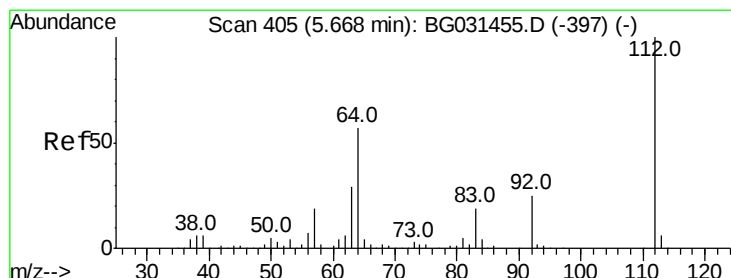
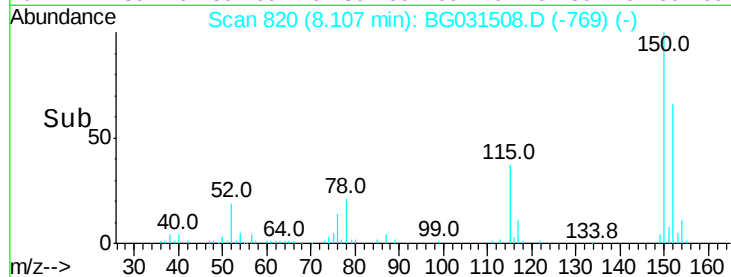
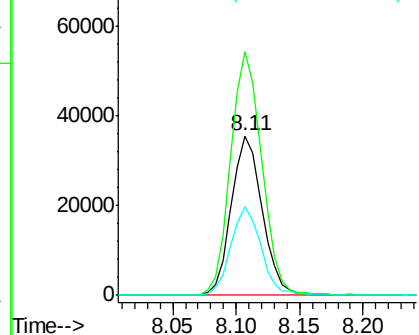
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031508.D
Acq: 13 Dec 2017 1:48

Instrument :
BNA_G
ClientSampleId :
WQ-7W

Tot Ion:152 Resp: 59673
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 56.0 53.0 79.4



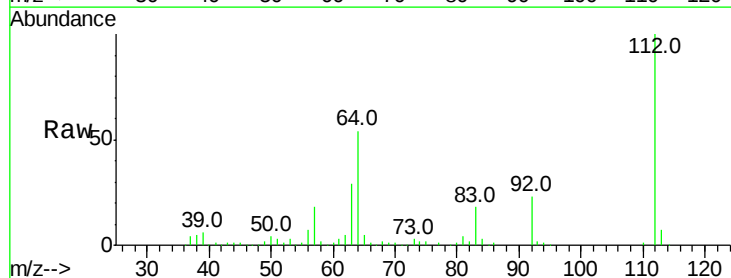
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



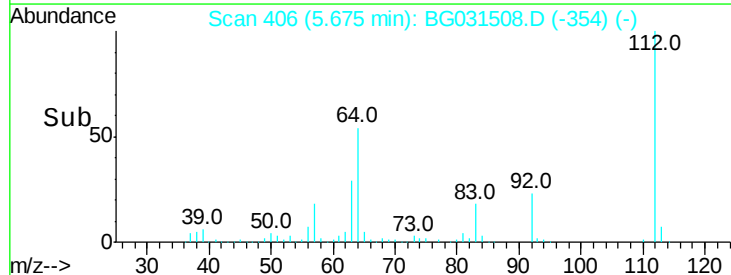
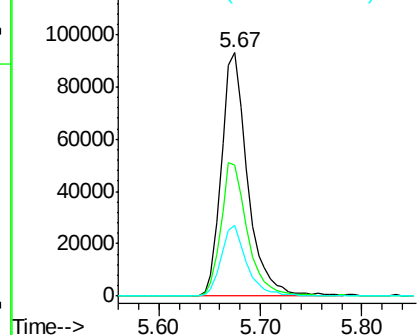
#5

2-Fluorophenol
Concen: 49.708 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031508.D
Acq: 13 Dec 2017 1:48

Tgt Ion:112 Resp: 167346
Ion Ratio Lower Upper
112 100
64 53.8 56.3 84.5#
63 29.3 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: 33.338 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

Instrument :

BNA_G

ClientSampleId :

WQ-7W

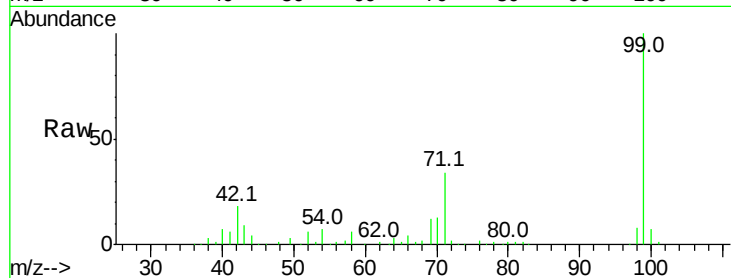
Tot Ion: 99 Resp: 155807

Ion Ratio Lower Upper

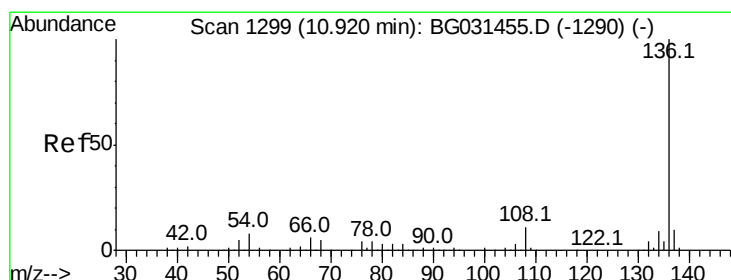
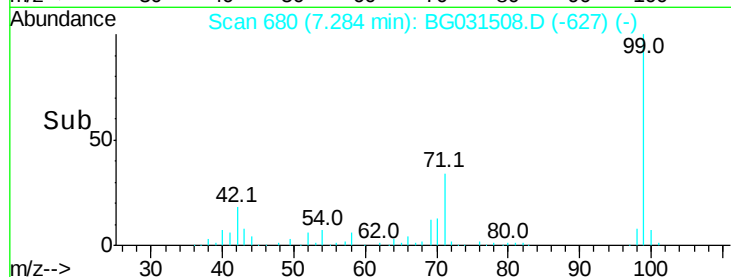
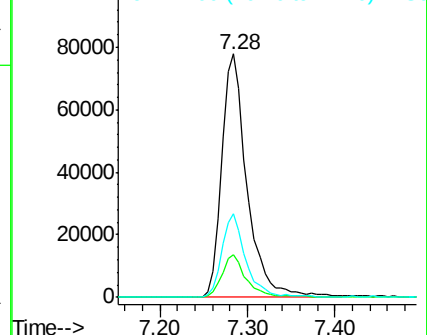
99 100

42 17.6 14.1 21.1

71 34.2 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

Tgt Ion: 136 Resp: 248835

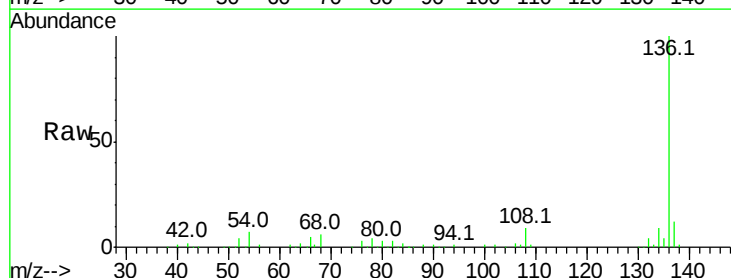
Ion Ratio Lower Upper

136 100

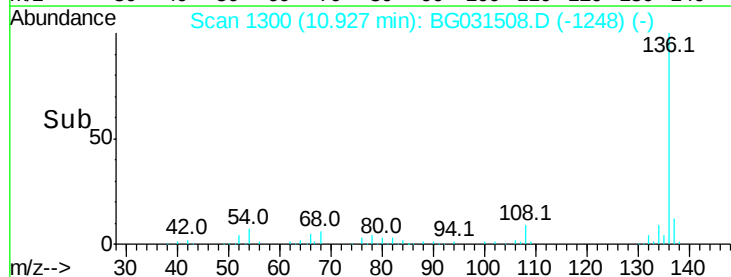
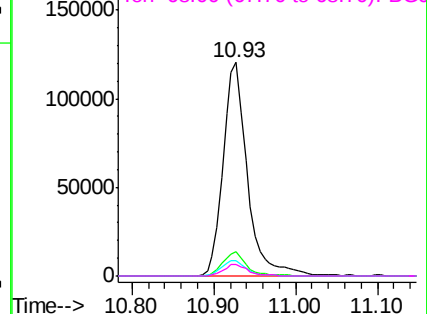
137 11.6 9.2 13.8

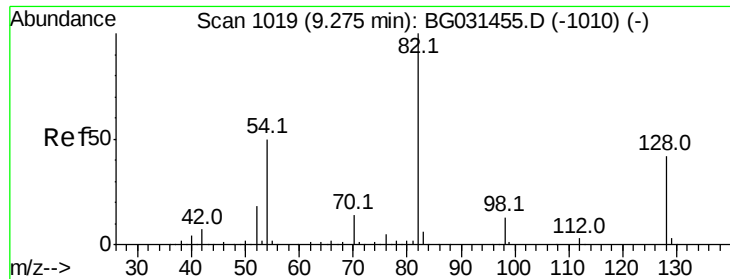
54 7.0 10.3 15.5#

68 5.6 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

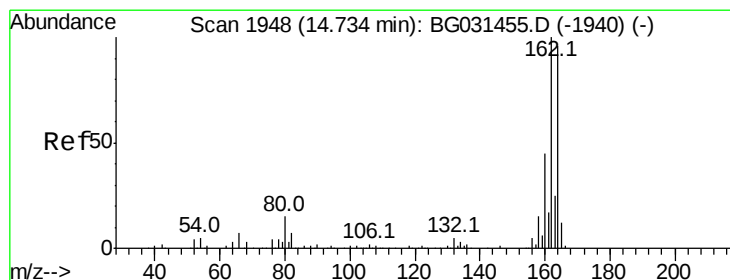
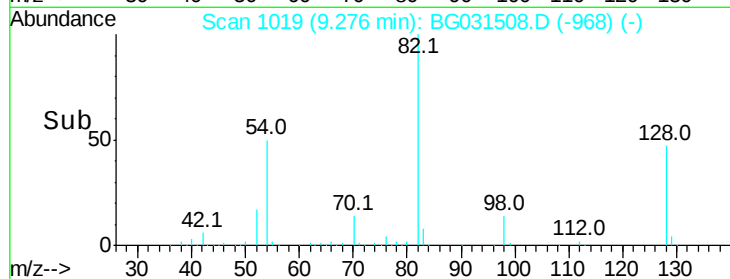
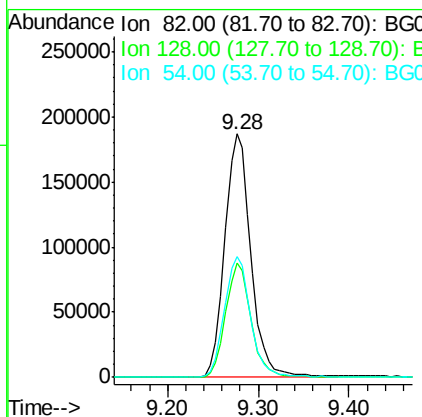
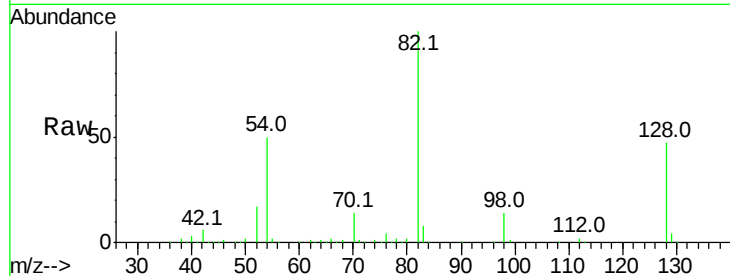




#23
Nitrobenzene-d5
Concen: 92.555 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031508.D
Acq: 13 Dec 2017 1:48

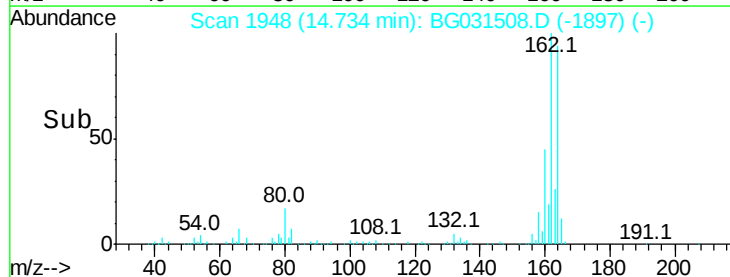
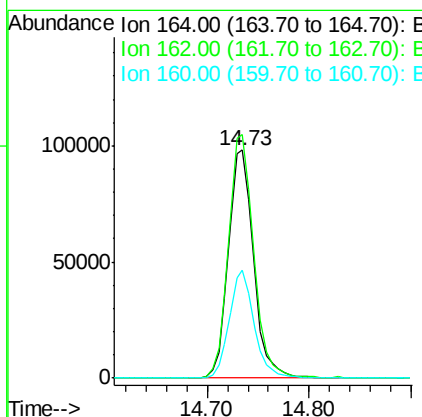
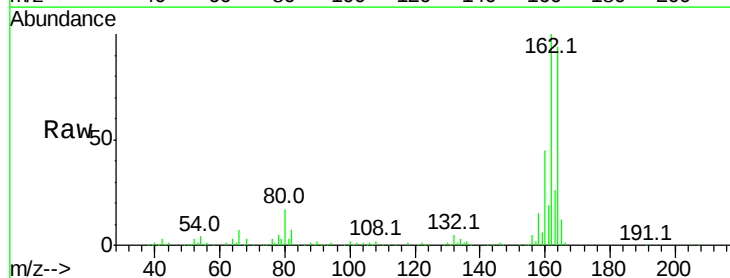
Instrument :
BNA_G
ClientSampleId :
WQ-7W

Tot Ion: 82 Resp: 373658
Ion Ratio Lower Upper
82 100
128 46.9 29.7 44.5#
54 49.6 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: BG031508.D
Acq: 13 Dec 2017 1:48

Tgt Ion:164 Resp: 169245
Ion Ratio Lower Upper
164 100
162 106.8 78.8 118.2
160 47.6 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 112.305 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

Instrument :

BNA_G

ClientSampleId :

WQ-7W

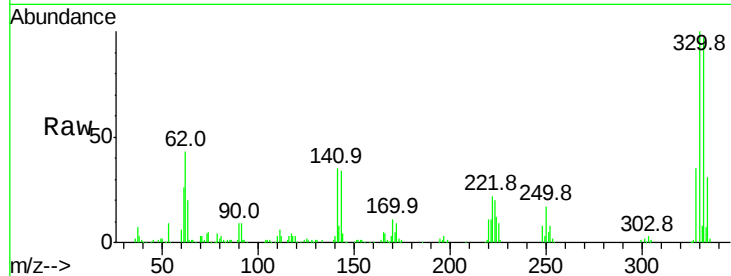
Tot Ion:330 Resp: 222675

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

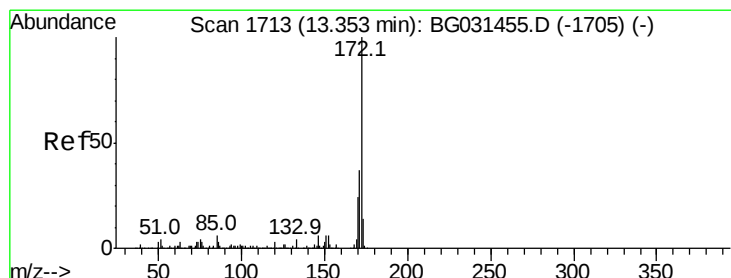
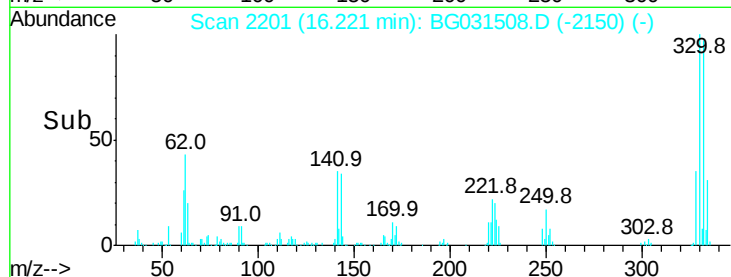
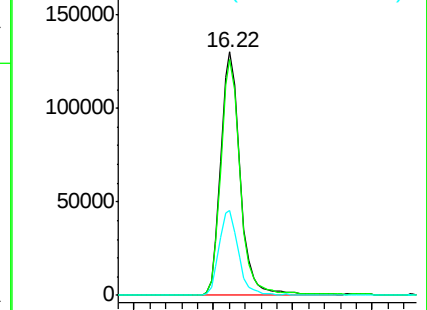
141 34.3 25.2 37.8



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: 96.415 ng

RT: 13.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

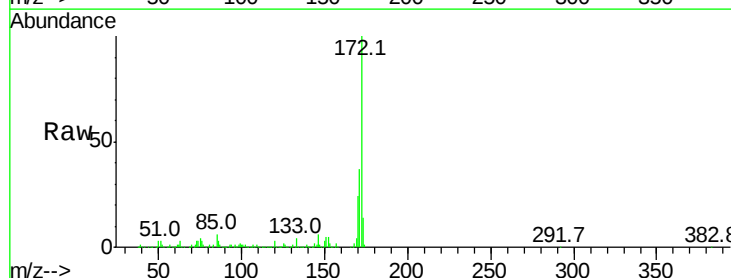
Tgt Ion:172 Resp: 1111663

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

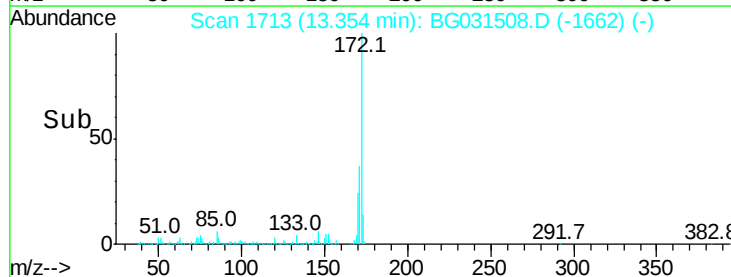
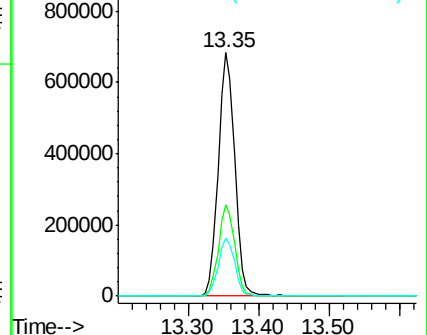
170 23.8 19.5 29.3



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: BG031508.D

Acq: 13 Dec 2017 1:48

Instrument :

BNA_G

ClientSampleId :

WQ-7W

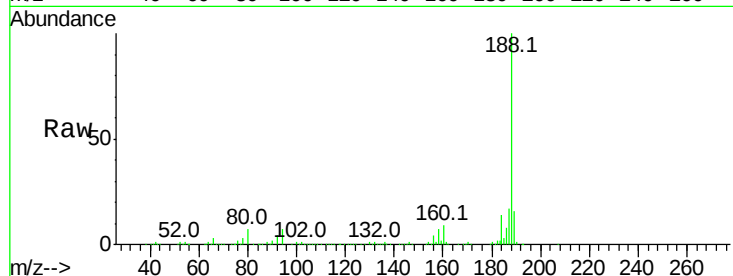
Tot Ion:188 Resp: 481377

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

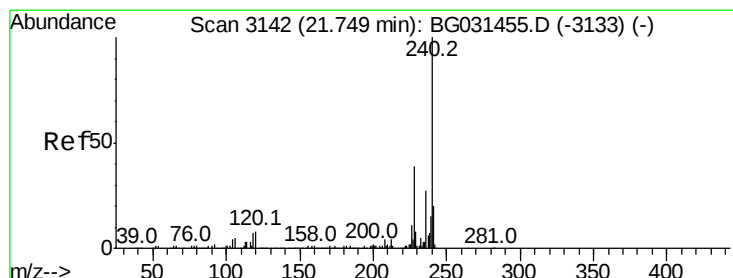
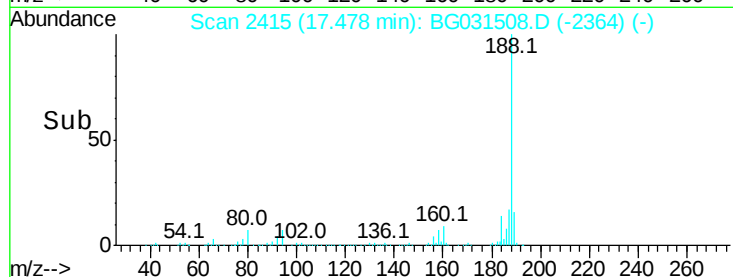
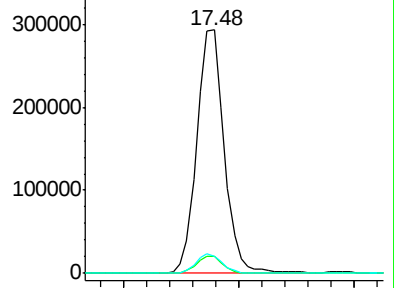
80 7.3 7.7 11.5#



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

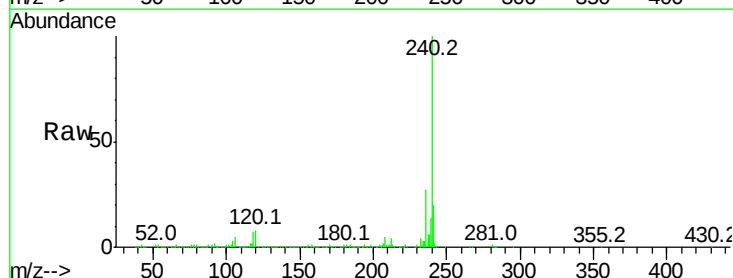
Tgt Ion:240 Resp: 610082

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

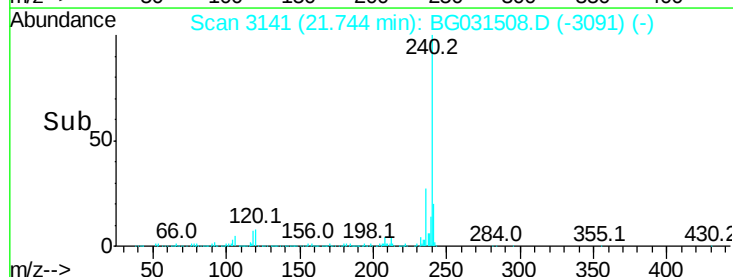
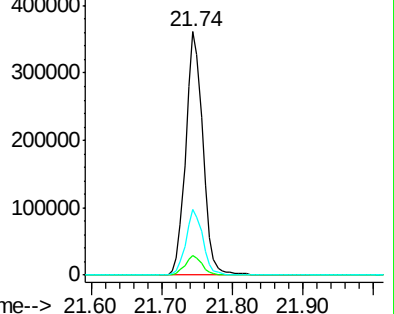
236 26.9 20.9 31.3

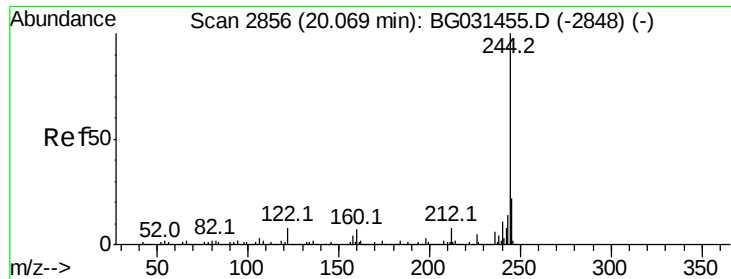


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.553 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

Instrument :

BNA_G

ClientSampleId :

WQ-7W

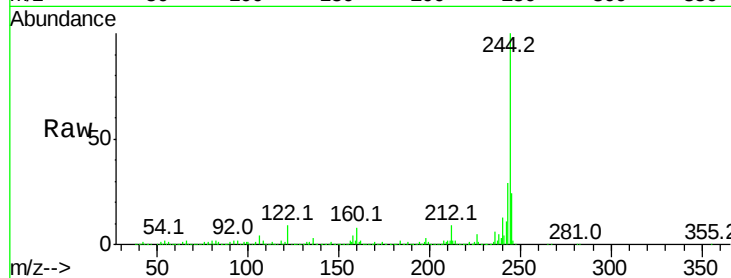
Tot Ion:244 Resp: 2160018

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

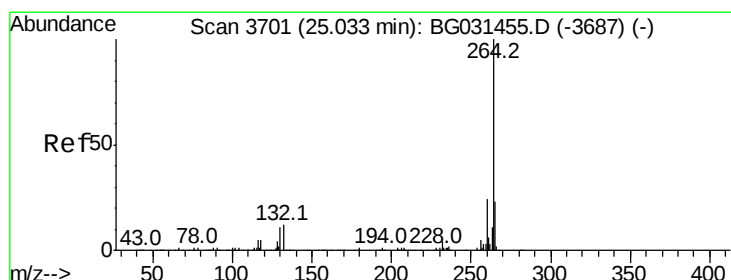
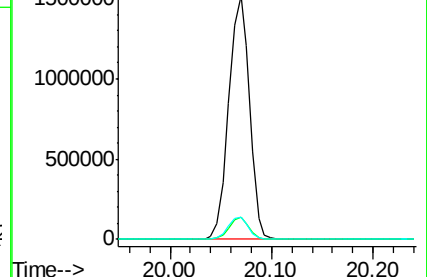
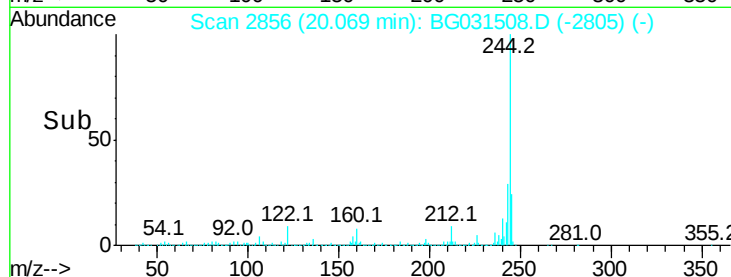
122 9.1 7.0 10.4



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# 3700

Delta R.T. -0.01 min

Lab File: BG031508.D

Acq: 13 Dec 2017 1:48

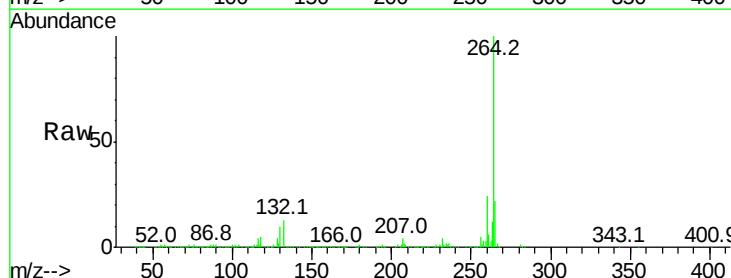
Tgt Ion:264 Resp: 598267

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.3 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

