

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031517.D
 Acq On : 13 Dec 2017 7:26
 Operator : SJ/JU
 Sample : I6763-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

Quant Time: Dec 13 08:14:51 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	55783	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	234562	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161551	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	431455	20.00	ng	0.00
75) Chrysene-d12	21.75	240	549629	20.00	ng	0.00
86) Perylene-d12	25.03	264	536088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	141706	45.03	ng	0.00
7) Phenol-d6	7.28	99	113599	26.00	ng	0.01
23) Nitrobenzene-d5	9.28	82	340972	89.60	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	56351	29.77	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1044541	94.91	ng	0.00
78) Terphenyl-d14	20.07	244	1868678	77.35	ng	0.00

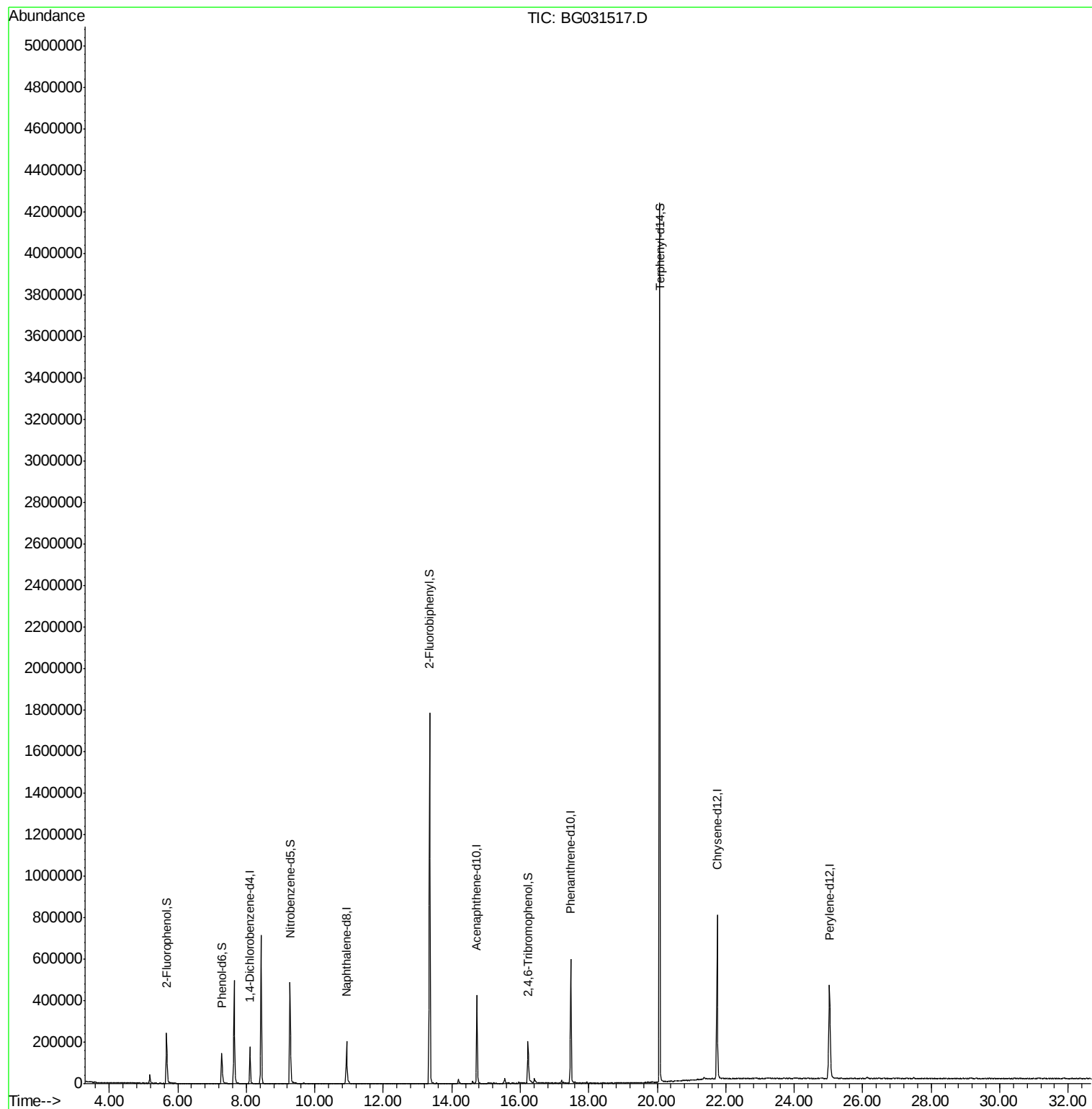
Target Compounds Qvalue

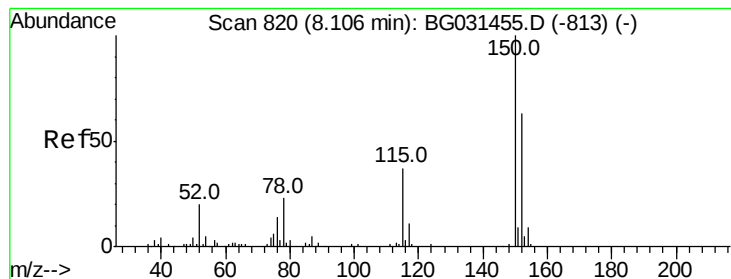
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031517.D
Acq On : 13 Dec 2017 7:26
Operator : SJ/JU
Sample : I6763-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-D-B

Quant Time: Dec 13 08:14:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-B

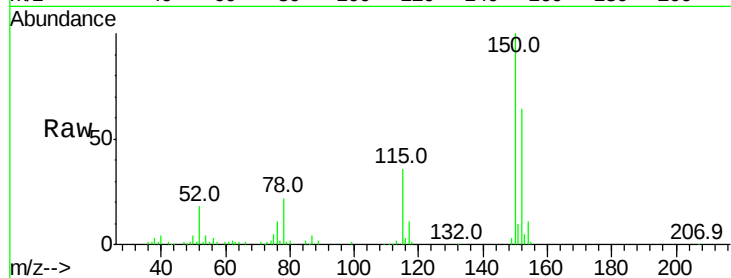
Tot Ion:152 Resp: 55783

Ion Ratio Lower Upper

152 100

150 157.1 126.6 189.8

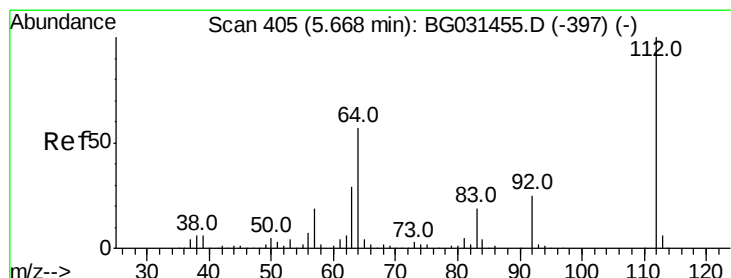
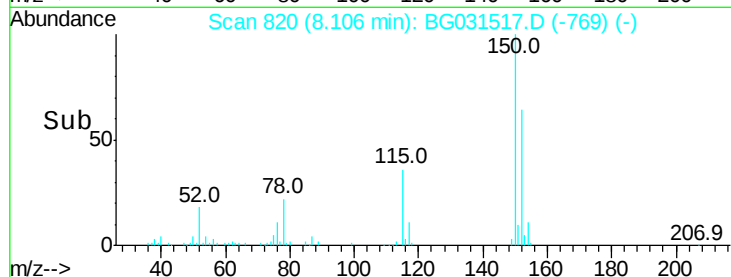
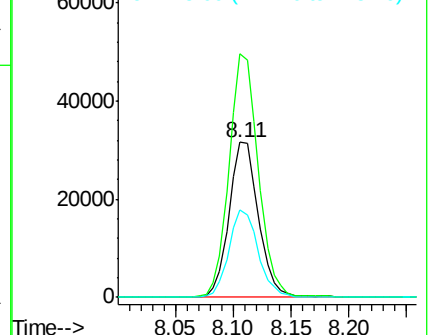
115 56.1 53.0 79.4



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: 45.027 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

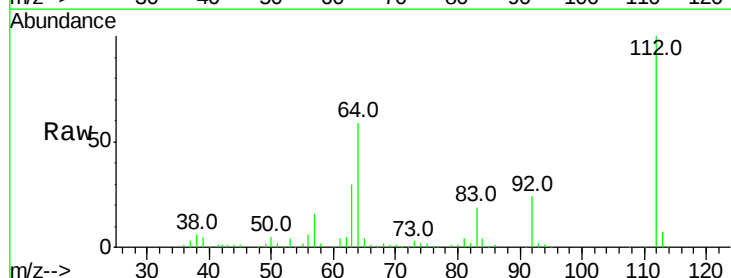
Tgt Ion:112 Resp: 141706

Ion Ratio Lower Upper

112 100

64 58.5 56.3 84.5

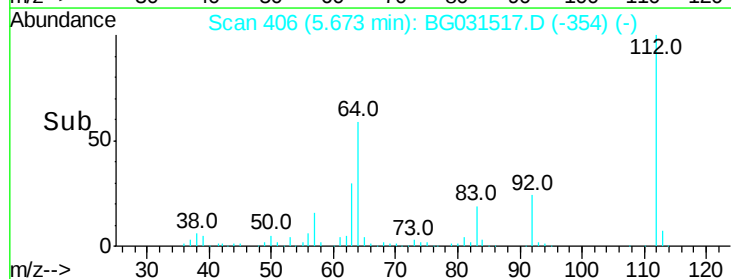
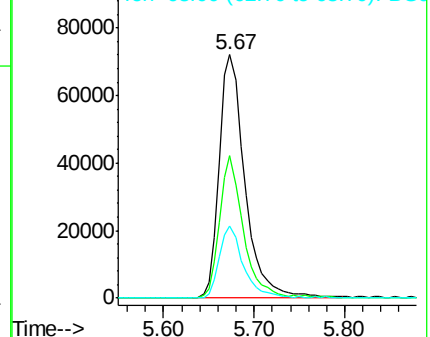
63 29.6 30.1 45.1#



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: 26.002 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-B

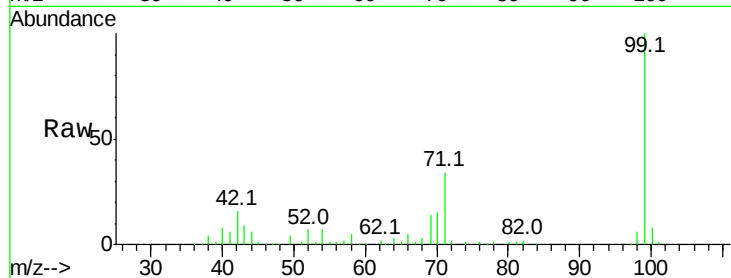
Tot Ion: 99 Resp: 113599

Ion Ratio Lower Upper

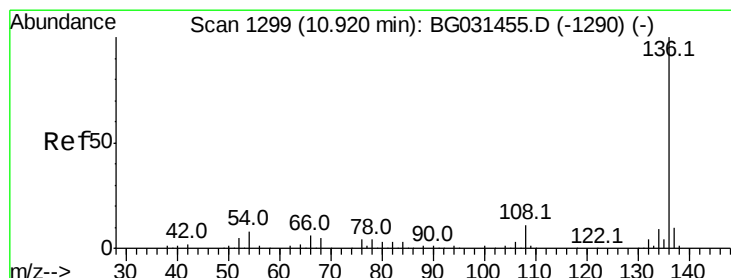
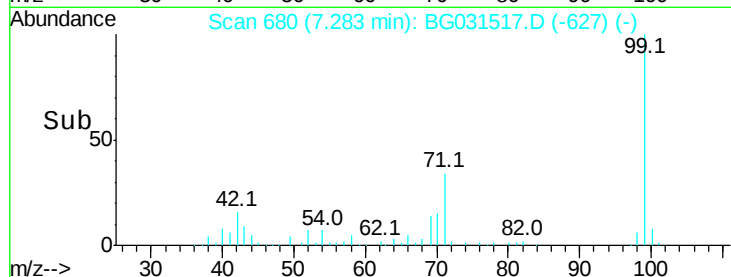
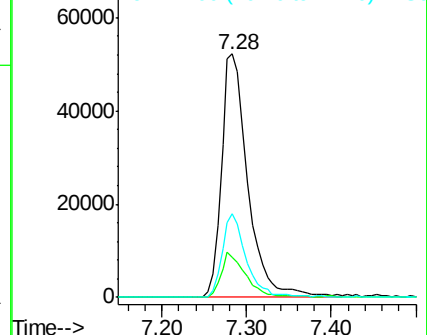
99 100

42 16.4 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: BG031517.D

Acq: 13 Dec 2017 7:26

Tgt Ion: 136 Resp: 234562

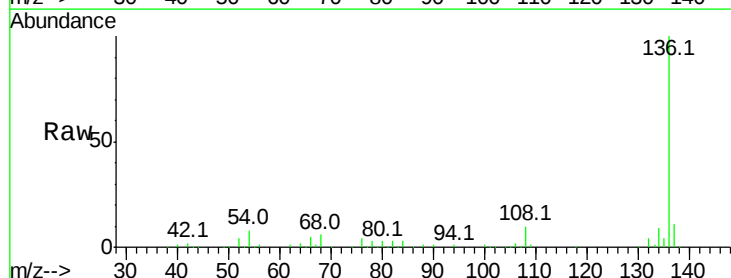
Ion Ratio Lower Upper

136 100

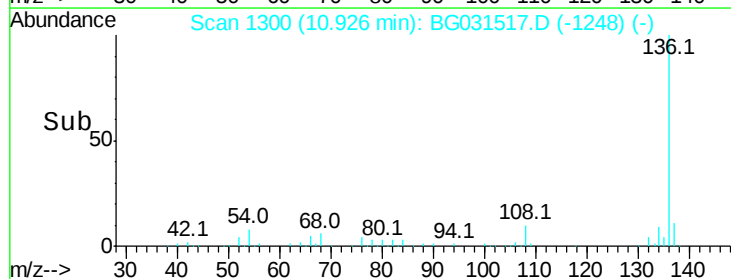
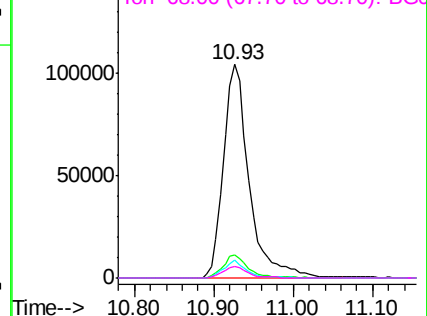
137 11.1 9.2 13.8

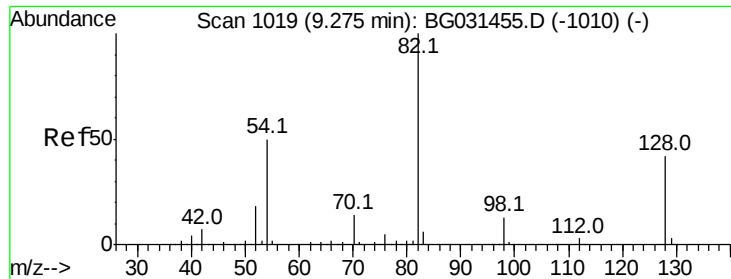
54 8.1 10.3 15.5#

68 5.5 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

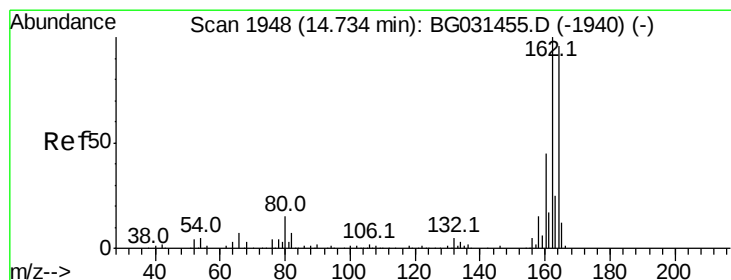
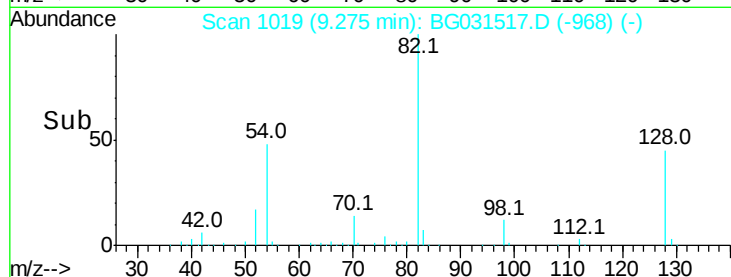
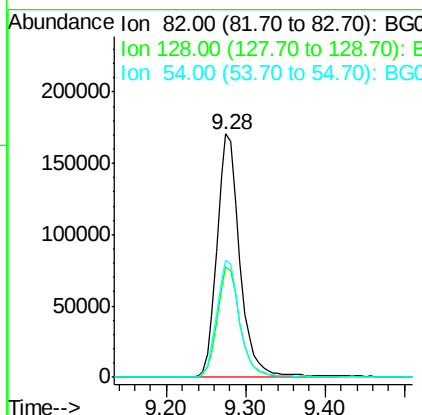
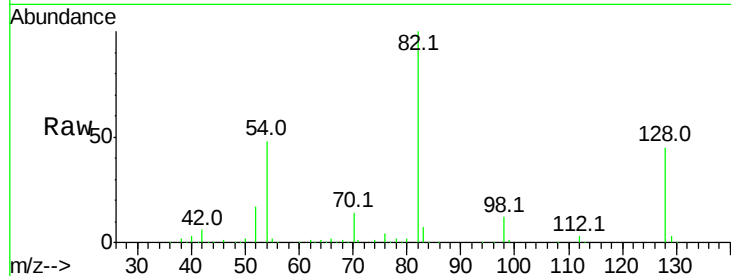




#23
Nitrobenzene-d5
Concen: 89.598 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

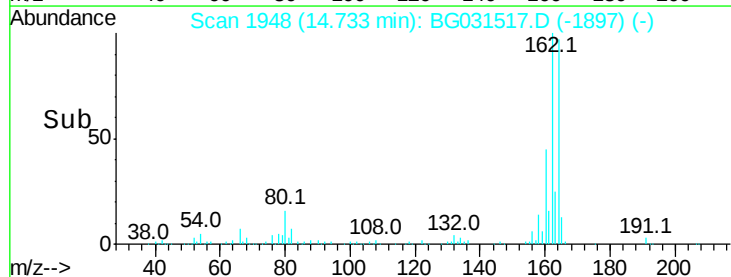
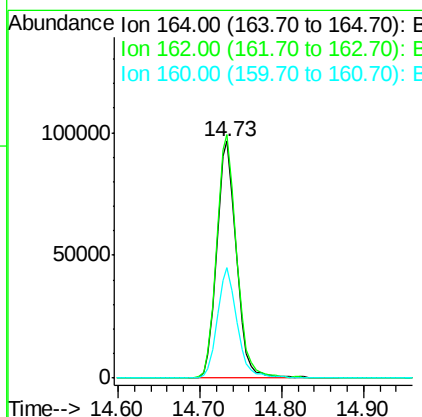
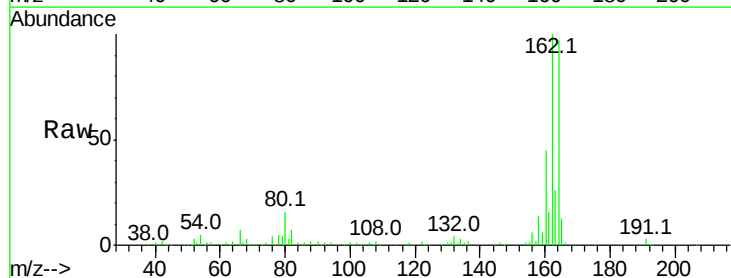
Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-D-B

Tot Ion: 82 Resp: 340972
Ion Ratio Lower Upper
82 100
128 45.3 29.7 44.5#
54 47.9 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: BG031517.D
Acq: 13 Dec 2017 7:26

Tgt Ion:164 Resp: 161551
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.6 35.4 53.0

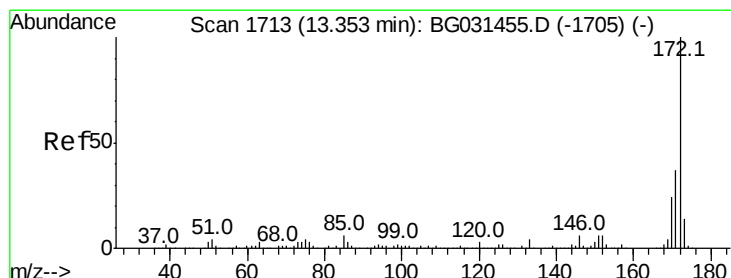
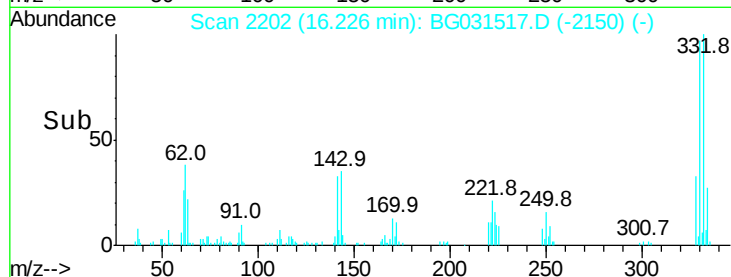
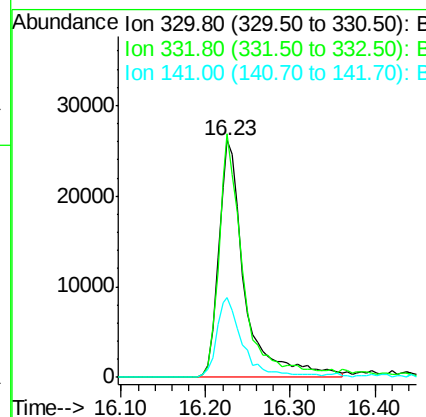
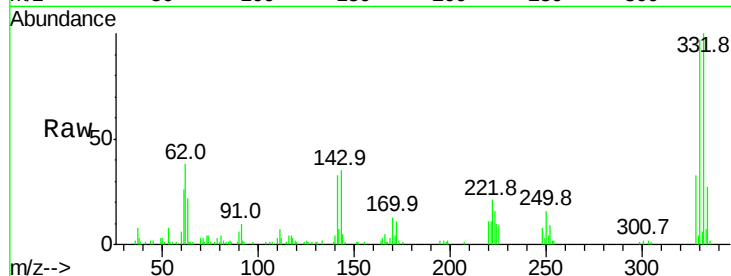




#41
 2,4,6-Tribromophenol
 Concen: 29.774 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

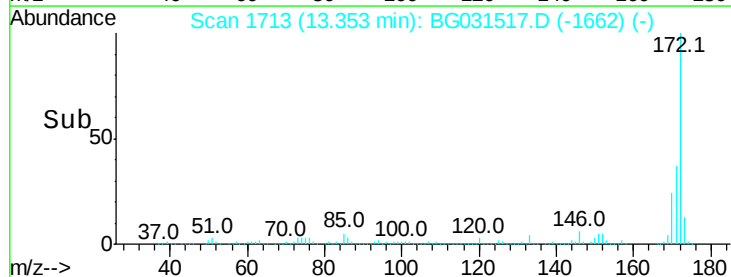
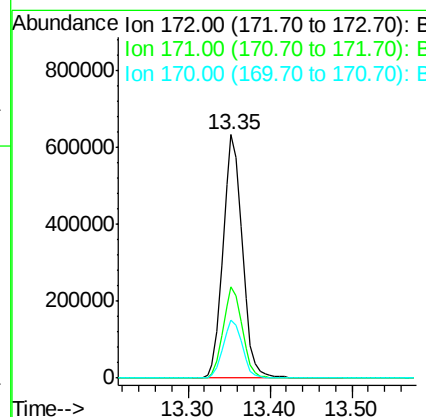
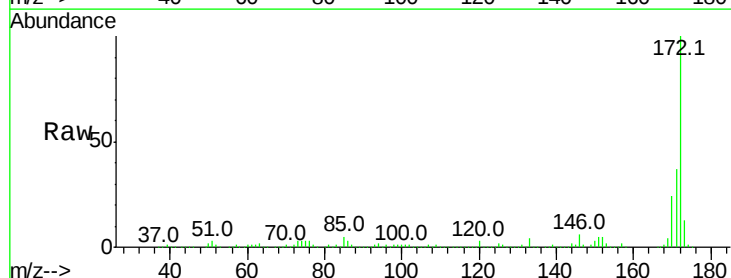
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

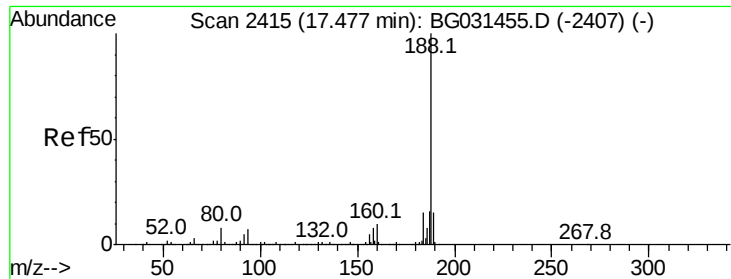
Tot Ion:330 Resp: 56351
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.8 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 94.908 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

Tgt Ion:172 Resp: 1044541
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.8 19.5 29.3

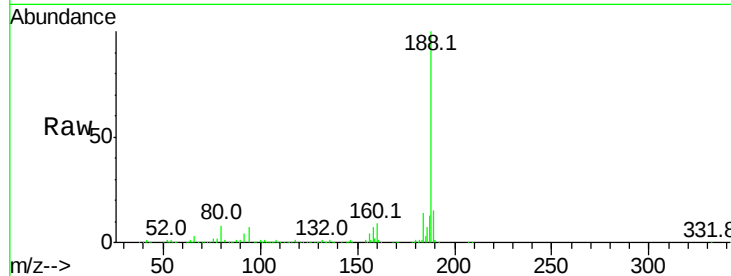




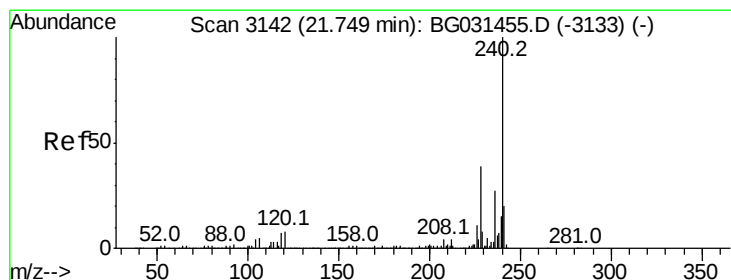
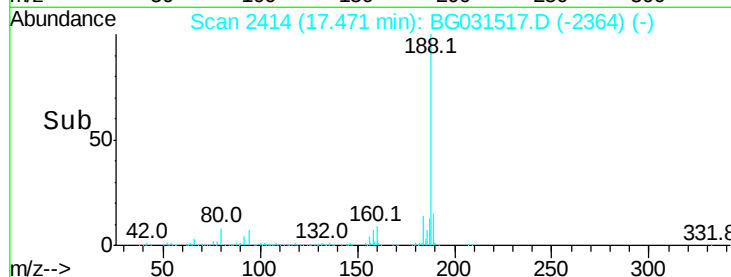
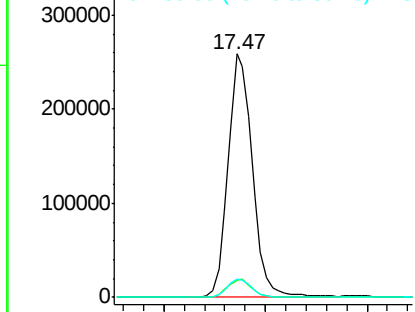
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.6	7.7	11.5#

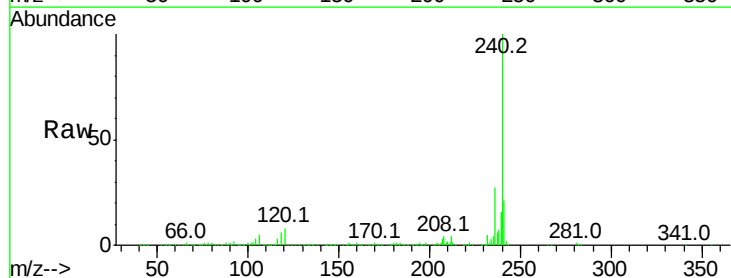


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

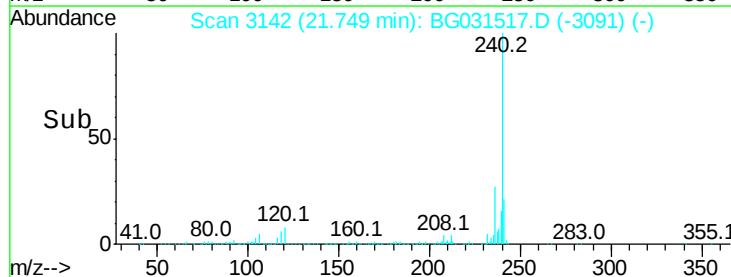
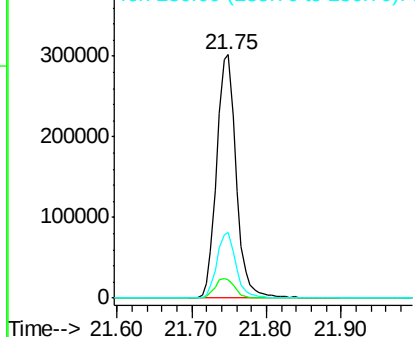


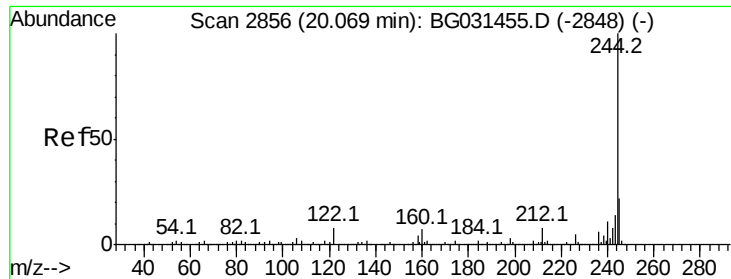
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	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: 77.353 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-B

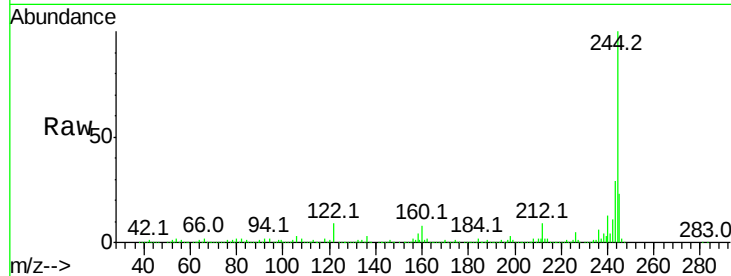
Tot Ion:244 Resp: 1868678

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

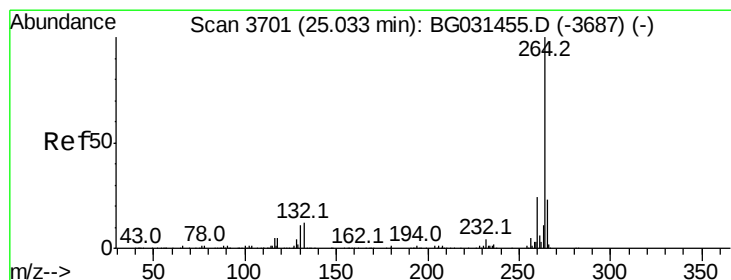
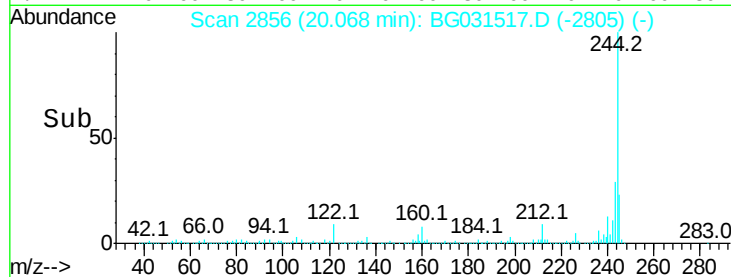
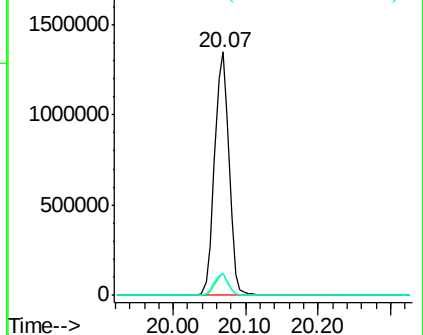
122 9.0 7.0 10.4



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: BG031517.D

Acq: 13 Dec 2017 7:26

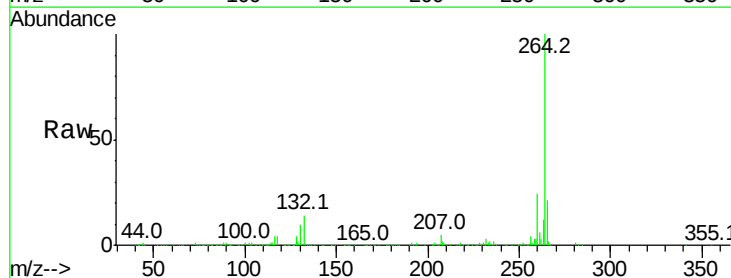
Tgt Ion:264 Resp: 536088

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.3 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

