

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031476.D
 Acq On : 12 Dec 2017 5:05
 Operator : SJ/JU
 Sample : I6762-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120417-JETT-E-U-S

Quant Time: Dec 12 11:15:31 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	51874	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	217014	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	146450	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	424110	20.00	ng	0.00
75) Chrysene-d12	21.74	240	510212	20.00	ng	0.00
86) Perylene-d12	25.03	264	480035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	127282	43.49	ng	0.00
7) Phenol-d6	7.28	99	102093	25.13	ng	0.00
23) Nitrobenzene-d5	9.28	82	328792	93.38	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	171279	99.83	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	951294	95.35	ng	0.00
78) Terphenyl-d14	20.06	244	1865248	83.18	ng	0.00

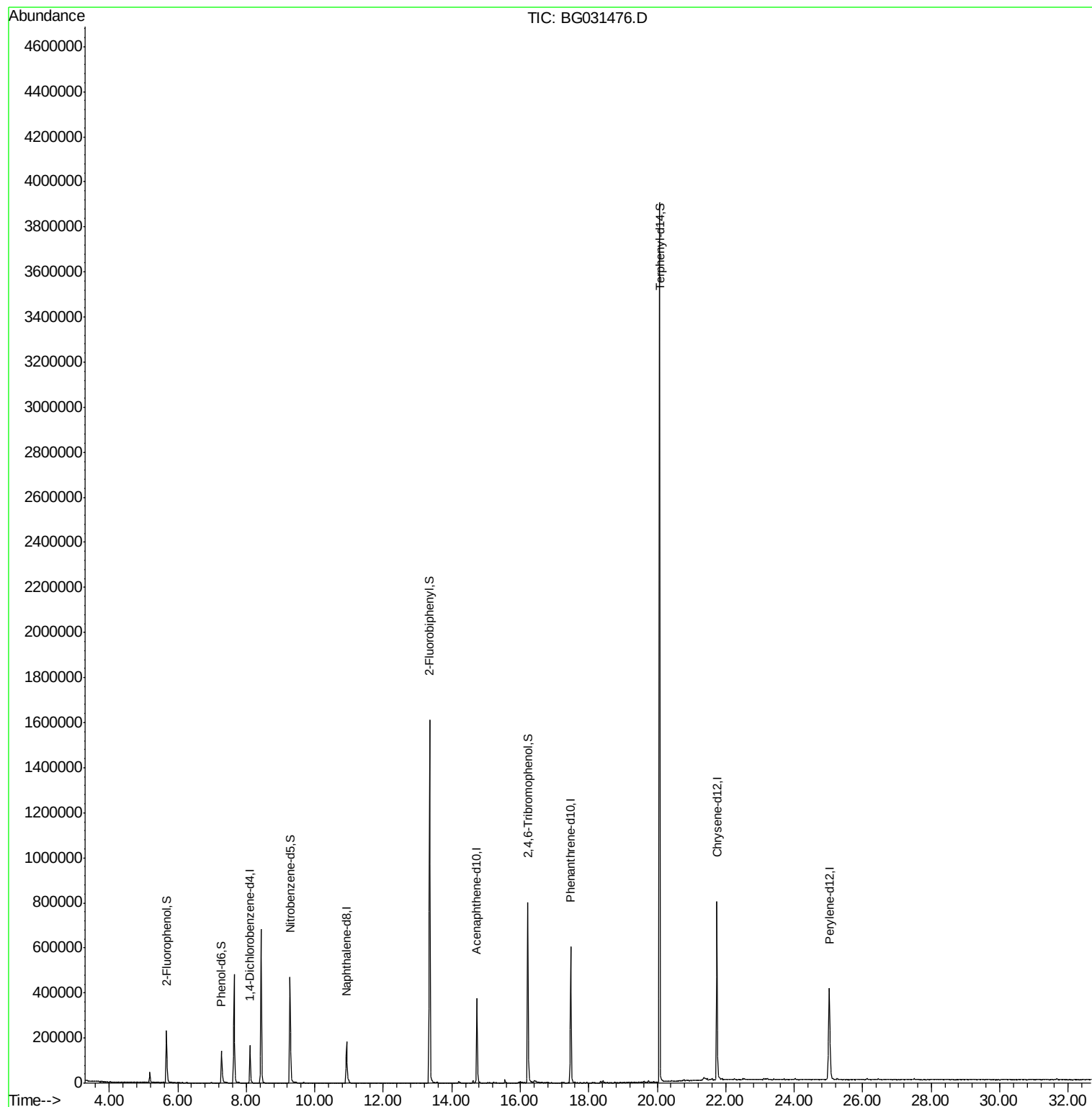
Target Compounds Qvalue

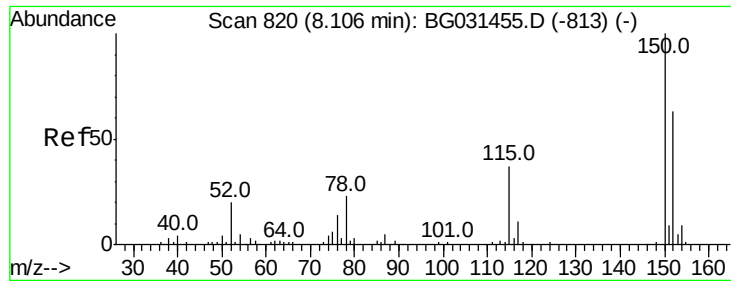
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031476.D
Acq On : 12 Dec 2017 5:05
Operator : SJ/JU
Sample : I6762-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120417-JETT-E-U-S

Quant Time: Dec 12 11:15:31 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



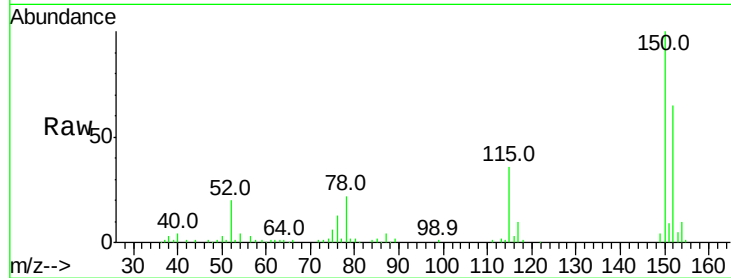


#1

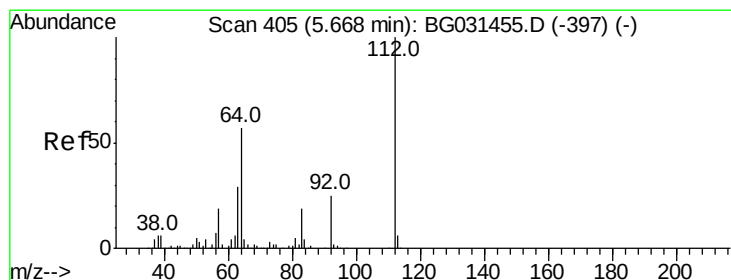
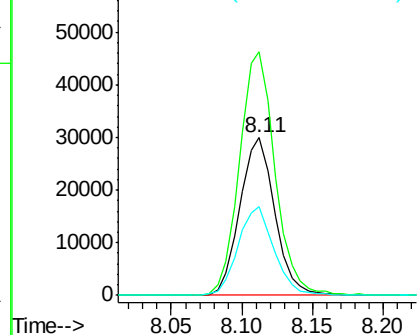
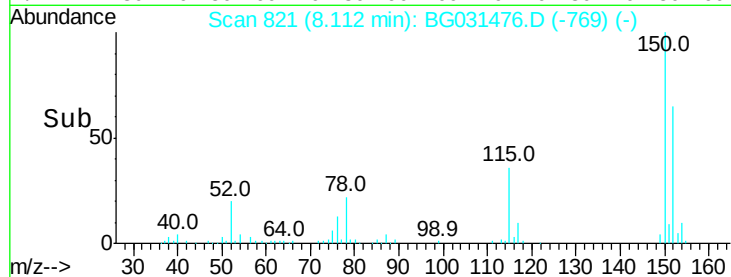
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Instrument :
 BNA_G
 ClientSampleId :
 120417-JETT-E-U-S

Tot Ion:152 Resp: 51874
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.6 189.8
 115 56.3 53.0 79.4



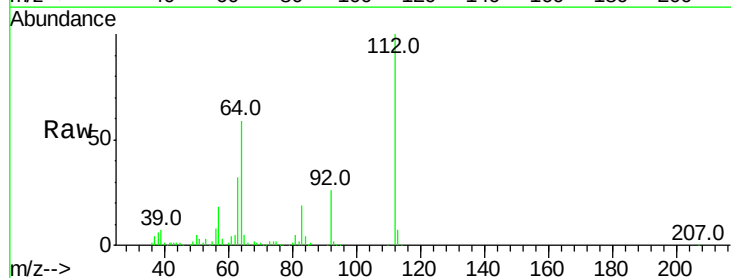
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



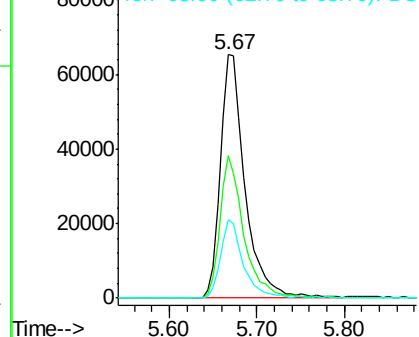
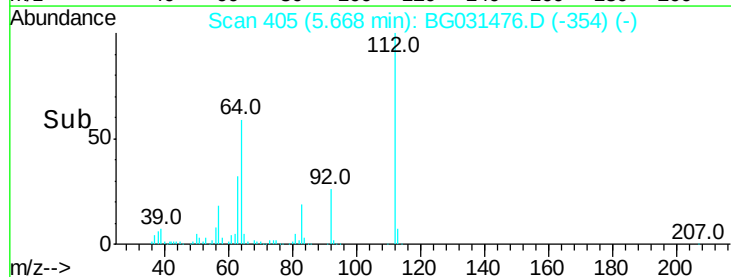
#5

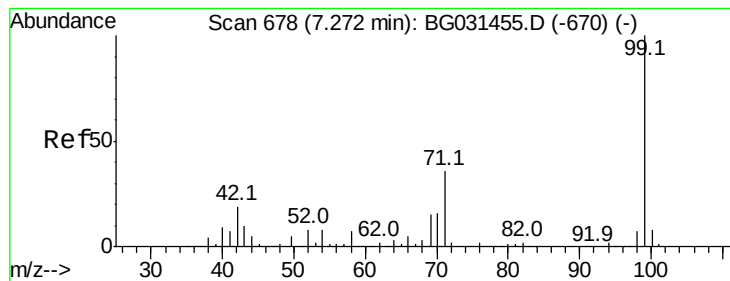
2-Fluorophenol
 Concen: 43.492 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Tgt Ion:112 Resp: 127282
 Ion Ratio Lower Upper
 112 100
 64 58.7 56.3 84.5
 63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.129 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

120417-JETT-E-U-S

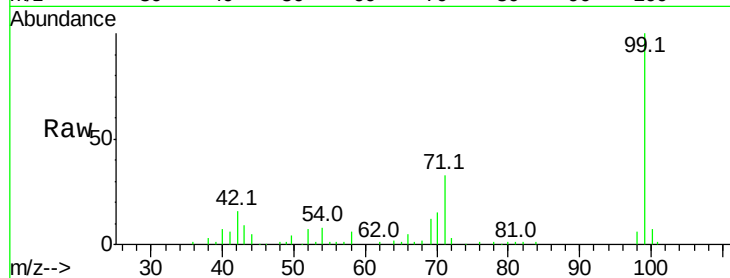
Tot Ion: 99 Resp: 102093

Ion Ratio Lower Upper

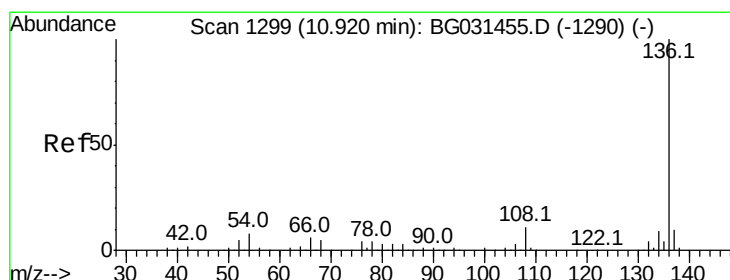
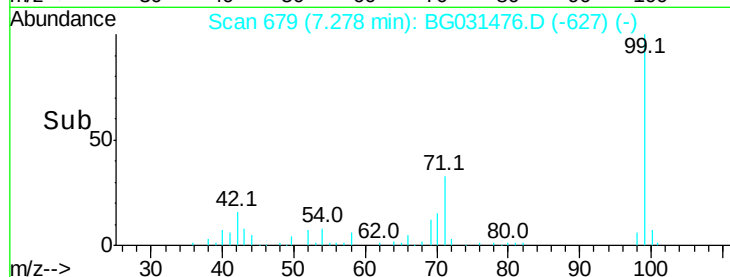
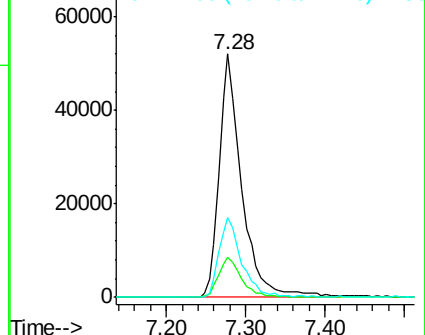
99 100

42 16.3 14.1 21.1

71 32.7 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: BG031476.D

Acq: 12 Dec 2017 5:05

Tgt Ion: 136 Resp: 217014

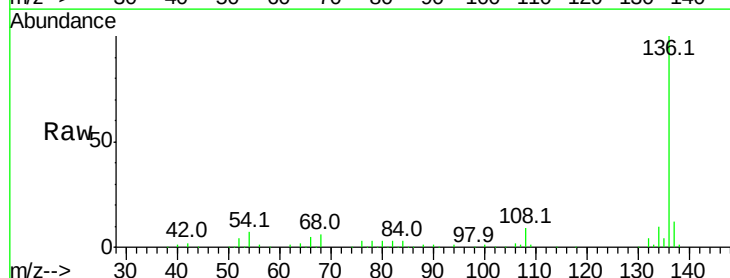
Ion Ratio Lower Upper

136 100

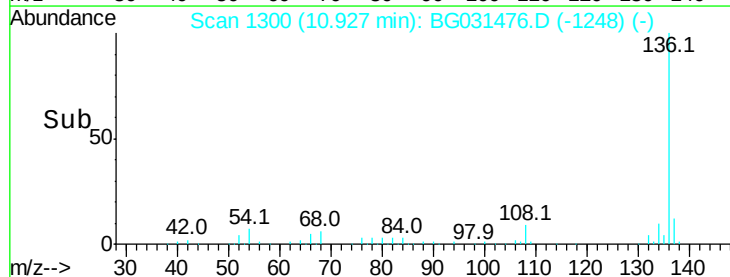
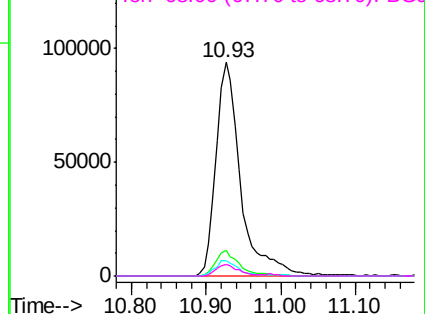
137 12.0 9.2 13.8

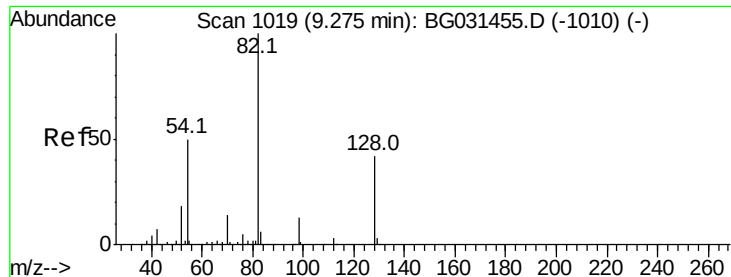
54 7.4 10.3 15.5#

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: 93.384 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

120417-JETT-E-U-S

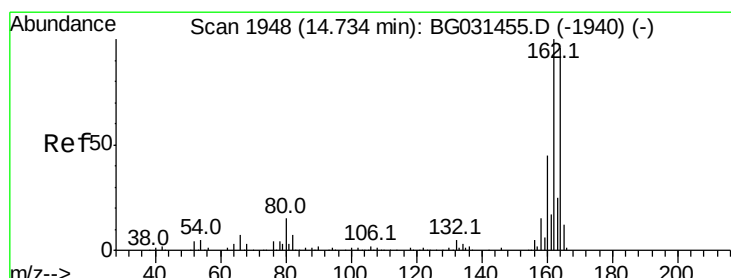
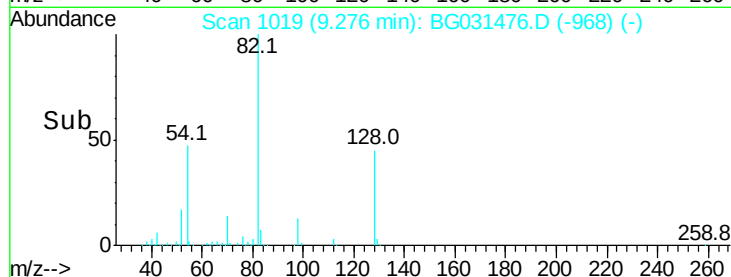
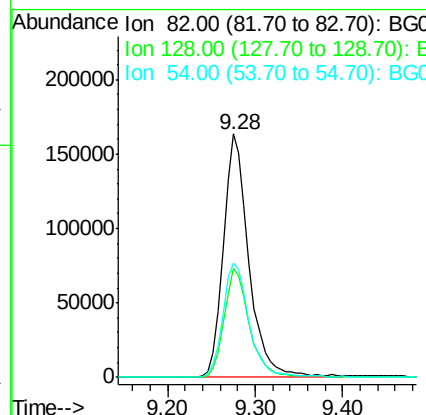
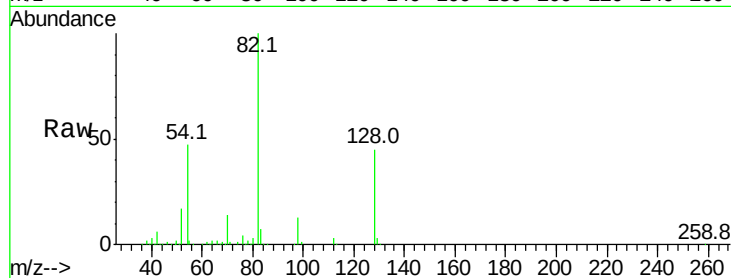
Tot Ion: 82 Resp: 328792

Ion Ratio Lower Upper

82 100

128 44.8 29.7 44.5#

54 47.1 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: BG031476.D

Acq: 12 Dec 2017 5:05

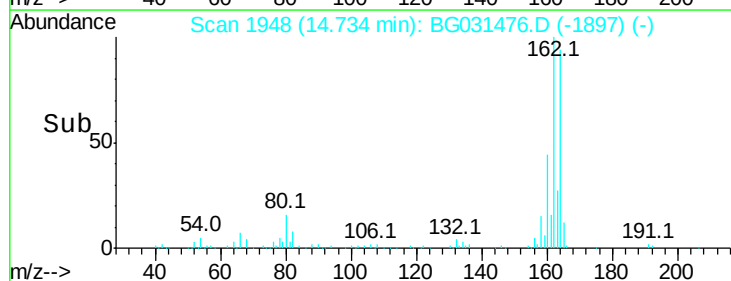
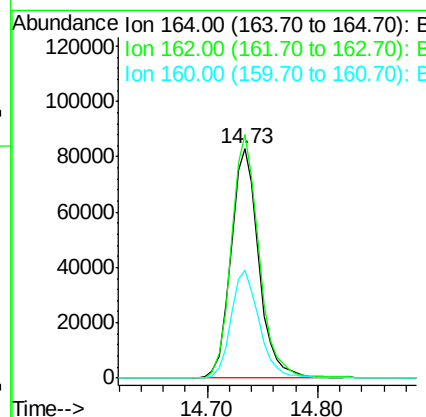
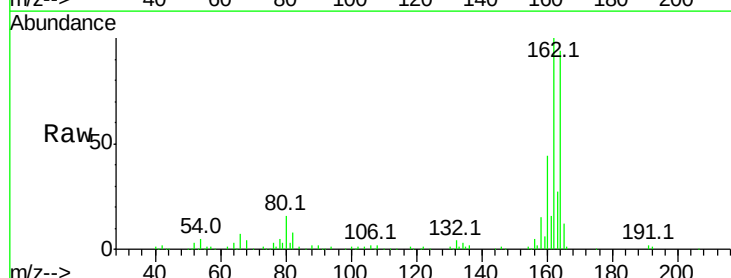
Tgt Ion: 164 Resp: 146450

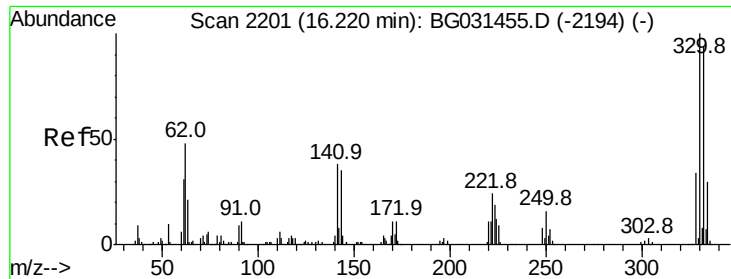
Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

160 47.3 35.4 53.0

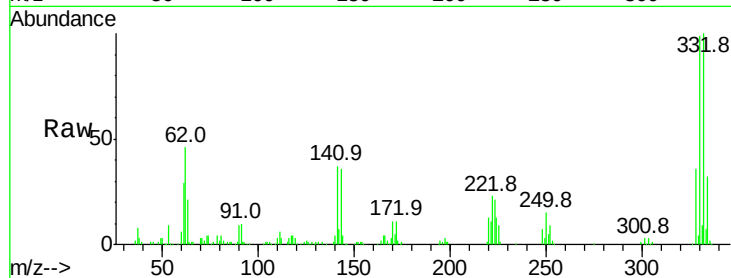




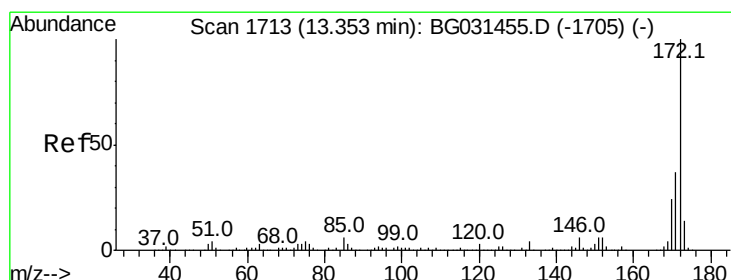
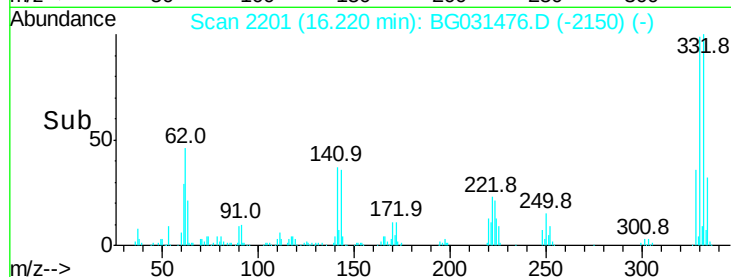
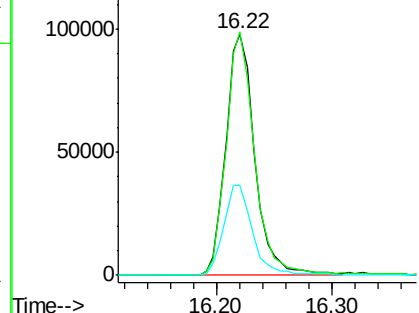
#41
 2,4,6-Tribromophenol
 Concen: 99.829 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Instrument :
 BNA_G
 ClientSampleId :
 120417-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	37.3	25.2	37.8

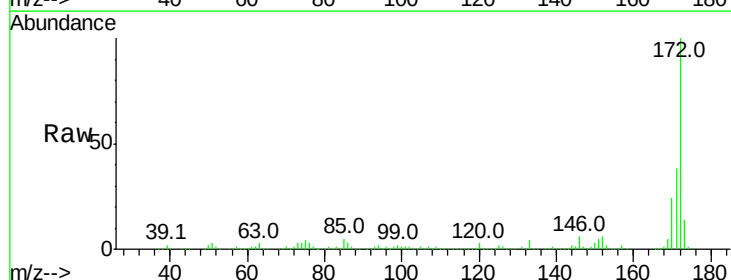


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

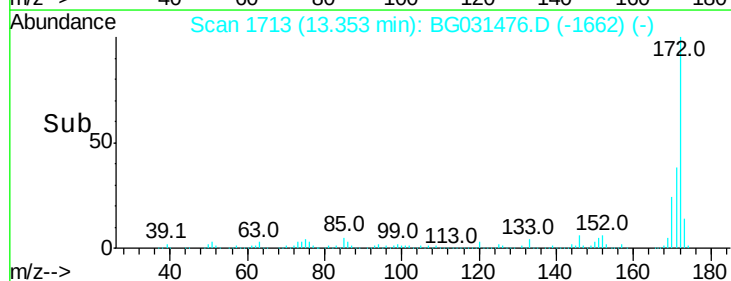
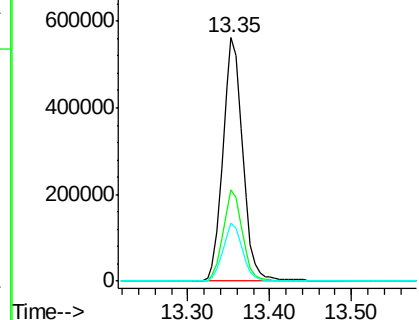


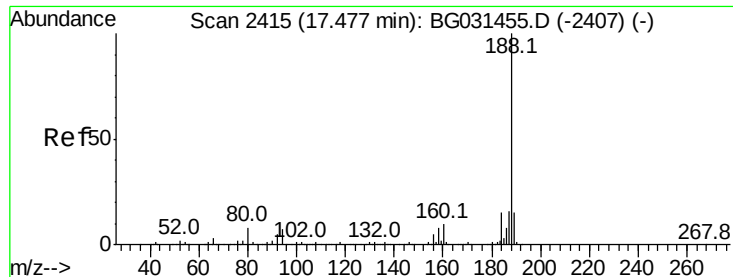
#44
 2-Fluorobiphenyl
 Concen: 95.348 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.9	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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

120417-JETT-E-U-S

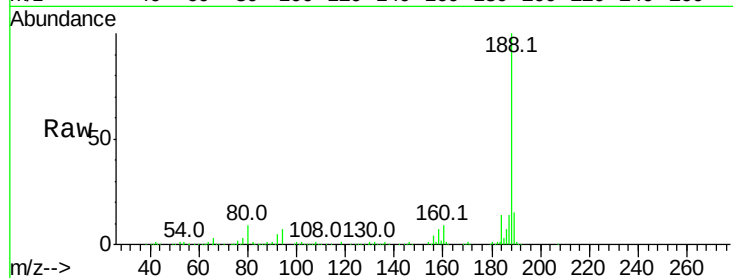
Tot Ion:188 Resp: 424110

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

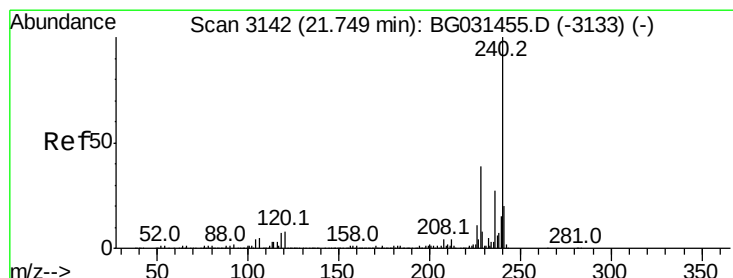
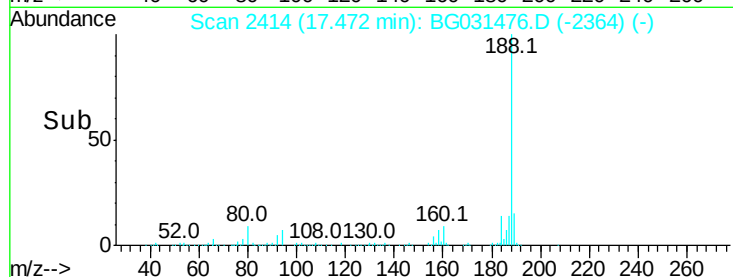
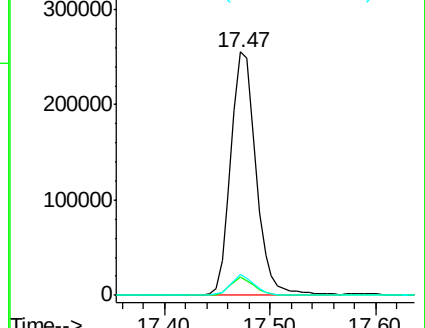
80 8.8 7.7 11.5



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: BG031476.D

Acq: 12 Dec 2017 5:05

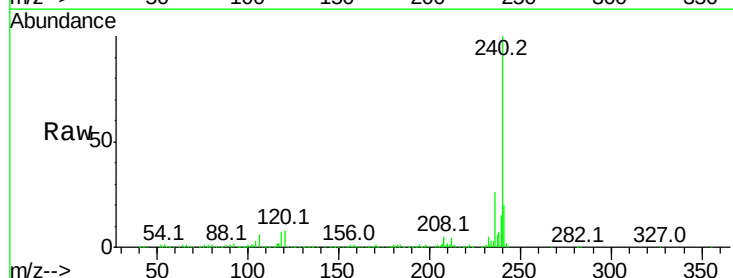
Tgt Ion:240 Resp: 510212

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

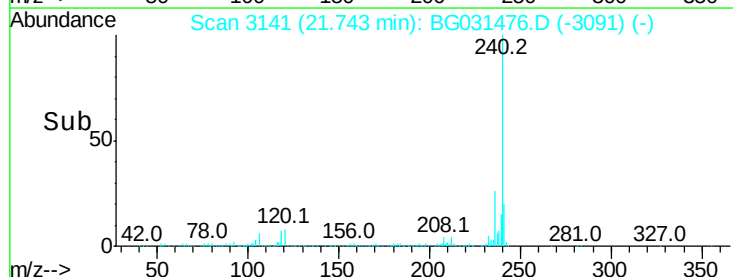
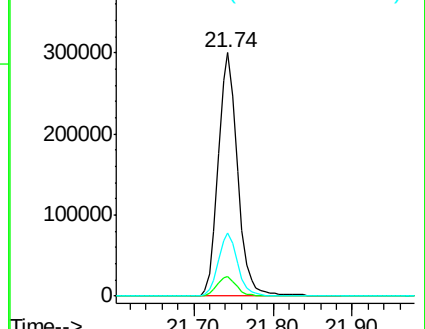
236 26.2 20.9 31.3

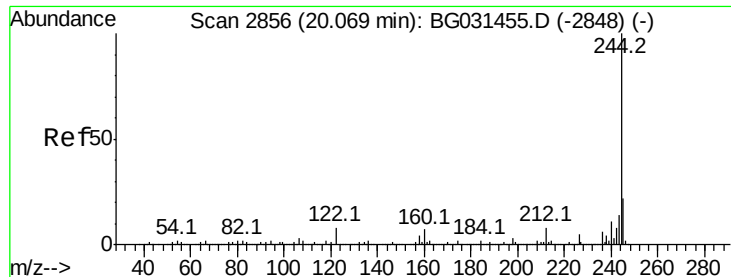


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.176 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

120417-JETT-E-U-S

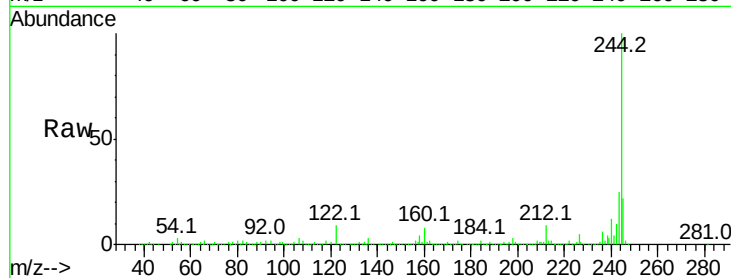
Tot Ion:244 Resp: 1865248

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

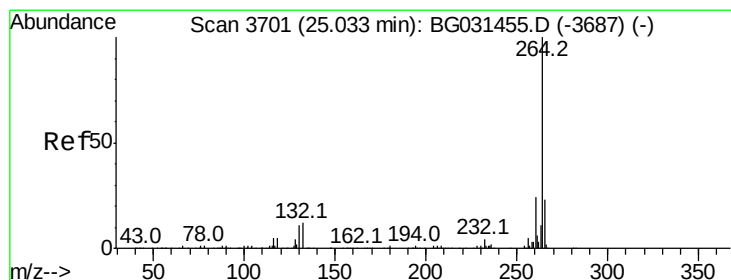
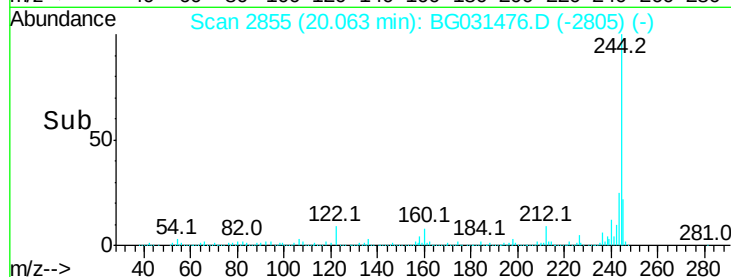
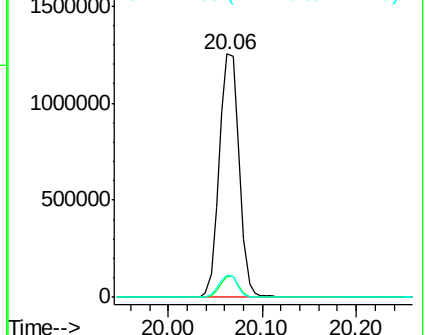
122 9.2 7.0 10.4



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: BG031476.D

Acq: 12 Dec 2017 5:05

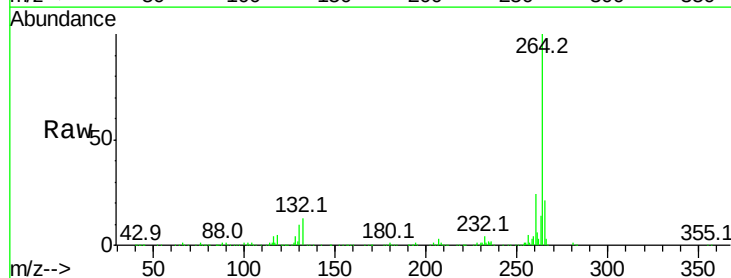
Tgt Ion:264 Resp: 480035

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.1 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

