

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033382.D
 Acq On : 28 Mar 2018 4:34
 Operator : SJ/JU
 Sample : J2061-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-S

Quant Time: Mar 28 08:58:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	38987	20.00	ng	-0.01
21) Naphthalene-d8	11.76	136	163401	20.00	ng	-0.02
38) Acenaphthene-d10	15.49	164	132068	20.00	ng	-0.02
63) Phenanthrene-d10	18.22	188	344290	20.00	ng	-0.02
75) Chrysene-d12	22.57	240	351623	20.00	ng	-0.03
86) Perylene-d12	26.34	264	379274	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	108197	52.04	ng	-0.01
7) Phenol-d6	7.98	99	101348	28.37	ng	-0.01
23) Nitrobenzene-d5	10.08	82	361476	101.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	197344	99.91	ng	-0.02
44) 2-Fluorobiphenyl	14.12	172	908035	99.26	ng	-0.02
78) Terphenyl-d14	20.74	244	1570787	95.54	ng	-0.02

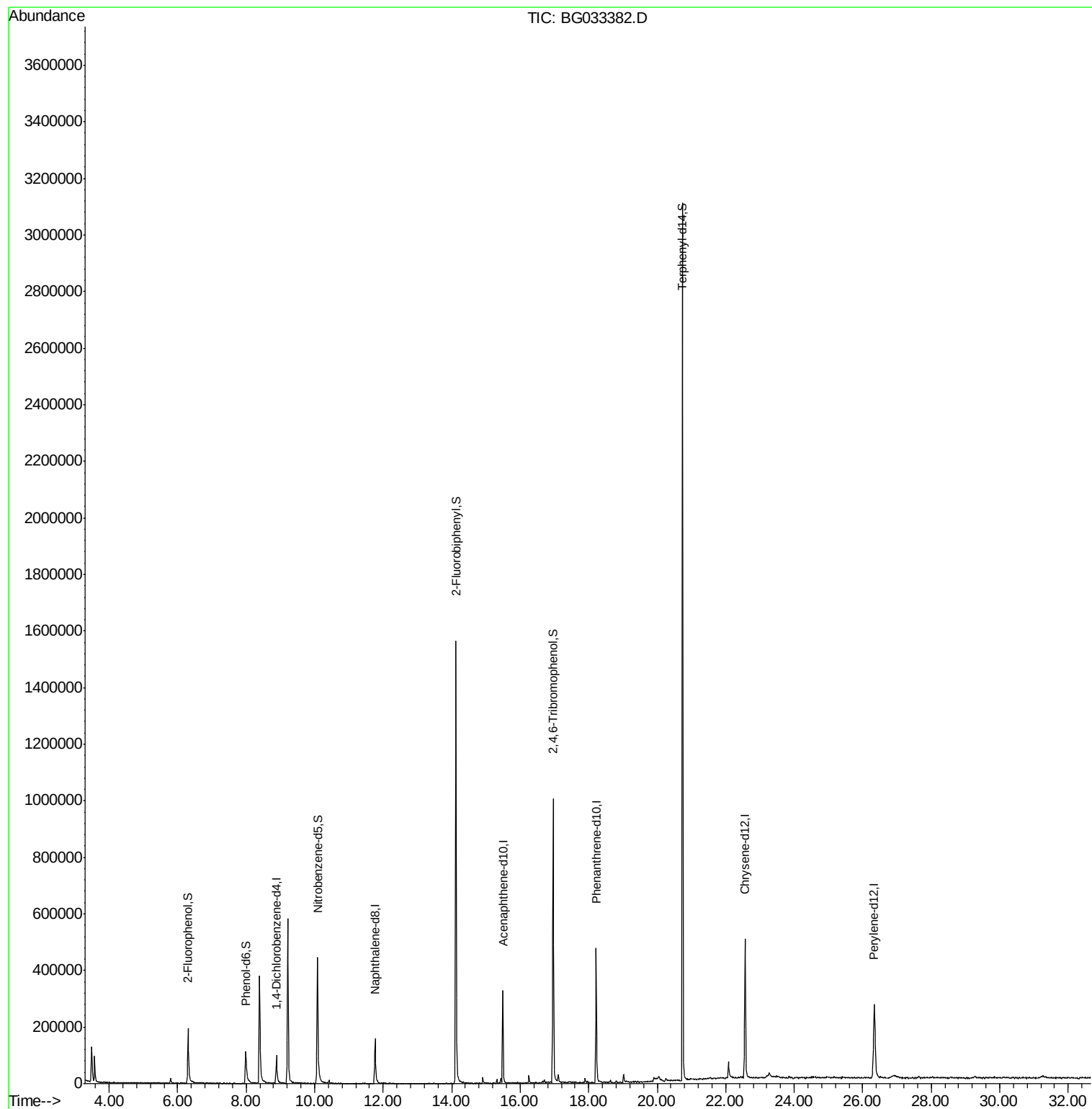
Target Compounds Qvalue

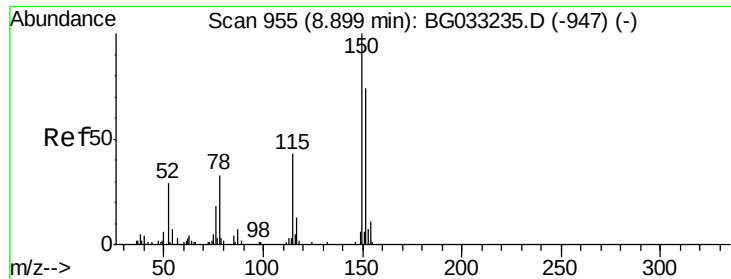
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033382.D
Acq On : 28 Mar 2018 4:34
Operator : SJ/JU
Sample : J2061-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
032418-JETT-E-U-S

Quant Time: Mar 28 08:58:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration



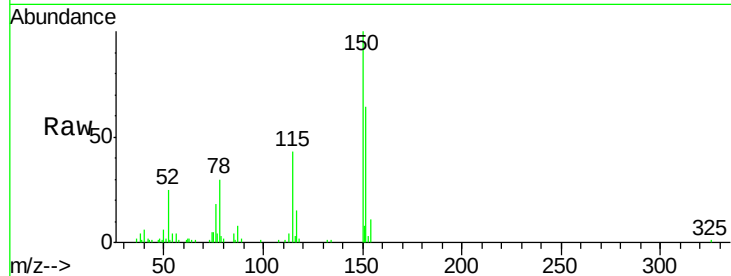


#1

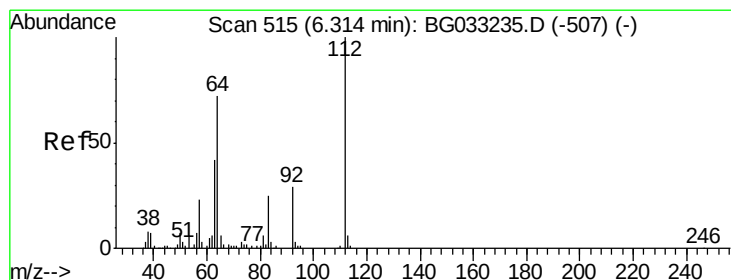
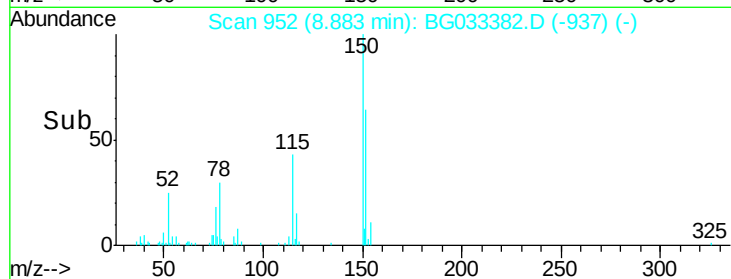
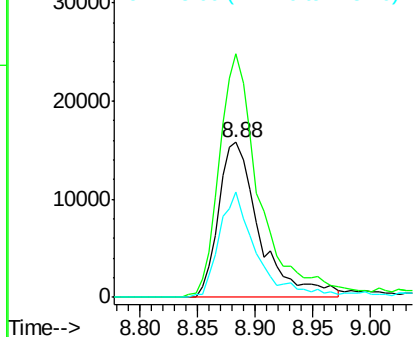
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG033382.D
Acq: 28 Mar 2018 4:34

Instrument :
BNA_G
ClientSampleId :
032418-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	68.2	53.0	79.4



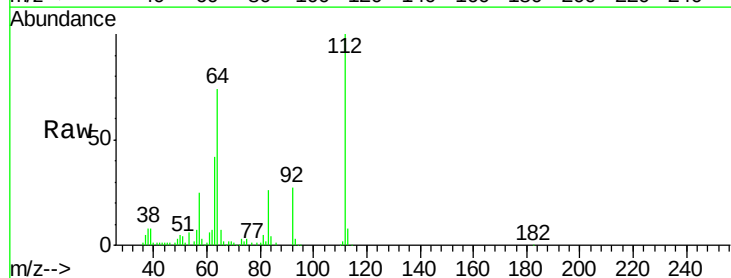
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



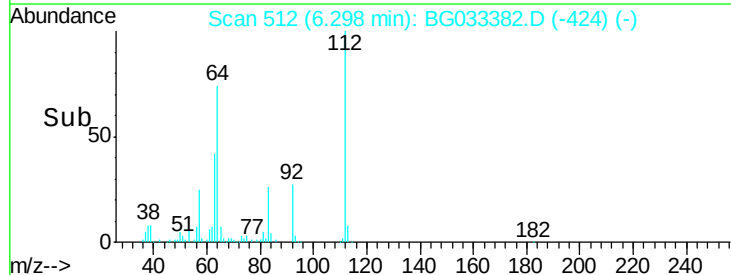
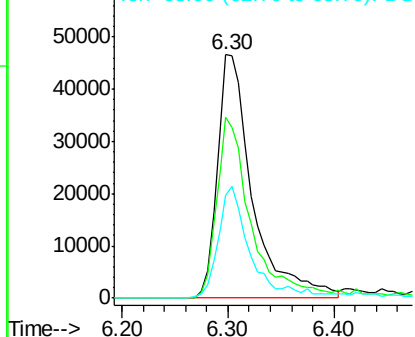
#5

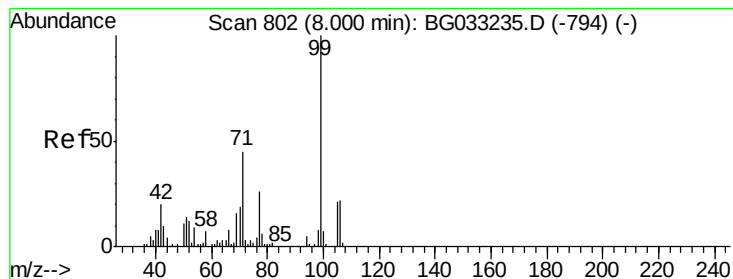
2-Fluorophenol
Concen: 52.038 ng
RT: 6.30 min Scan# 512
Delta R.T. -0.01 min
Lab File: BG033382.D
Acq: 28 Mar 2018 4:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.3	84.5
63	42.2	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: 28.369 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-S

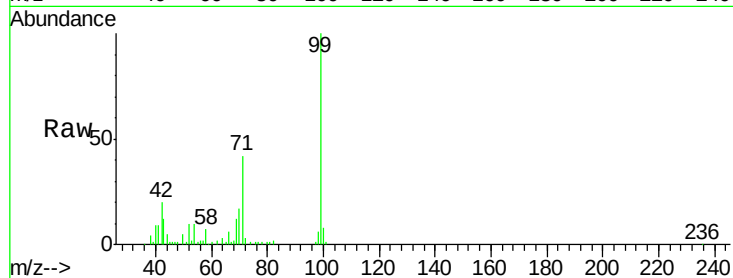
Tot Ion: 99 Resp: 101348

Ion Ratio Lower Upper

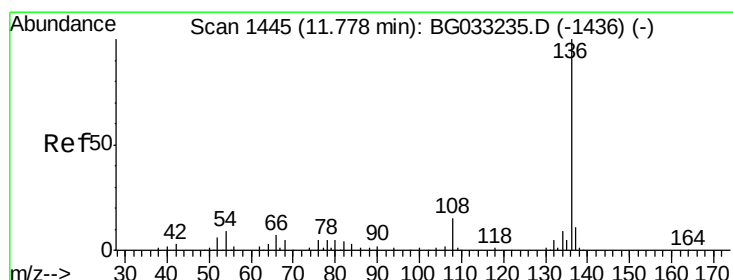
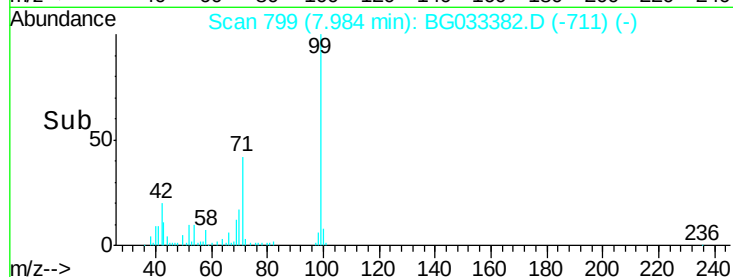
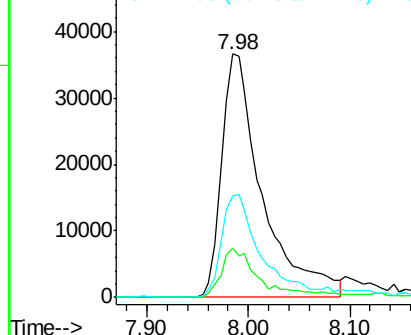
99 100

42 20.4 14.1 21.1

71 41.5 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: 11.76 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

Tgt Ion: 136 Resp: 163401

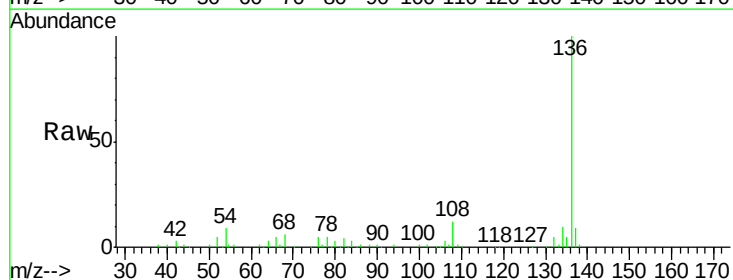
Ion Ratio Lower Upper

136 100

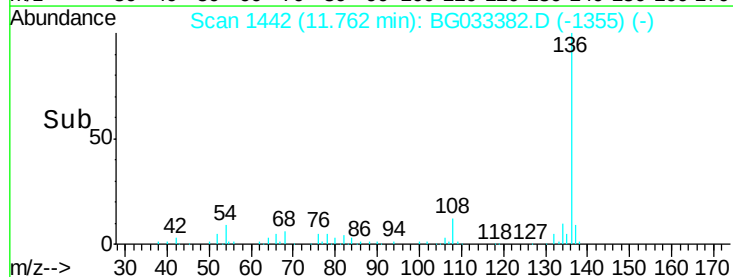
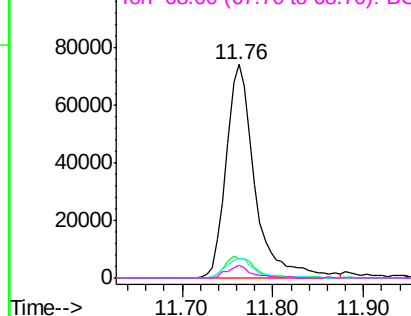
137 9.2 9.2 13.8#

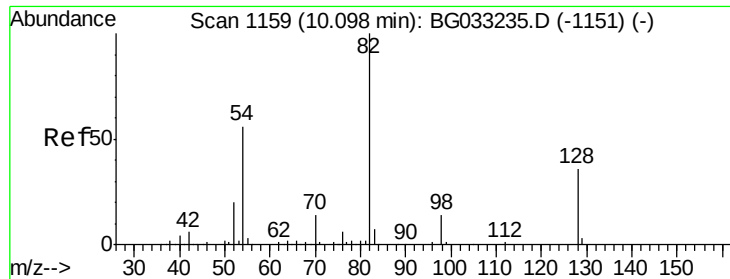
54 9.5 10.3 15.5#

68 6.2 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: 101.638 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-S

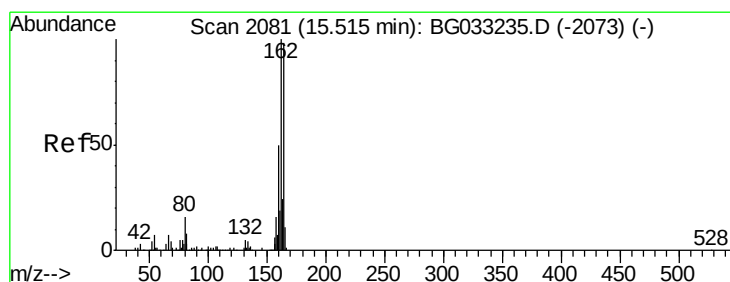
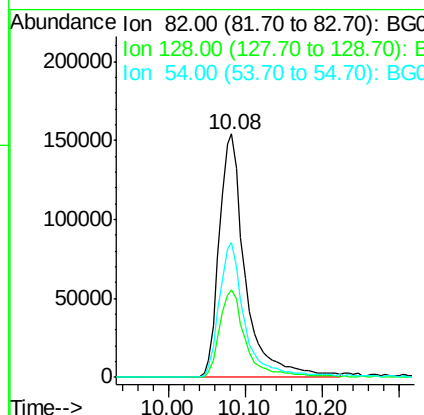
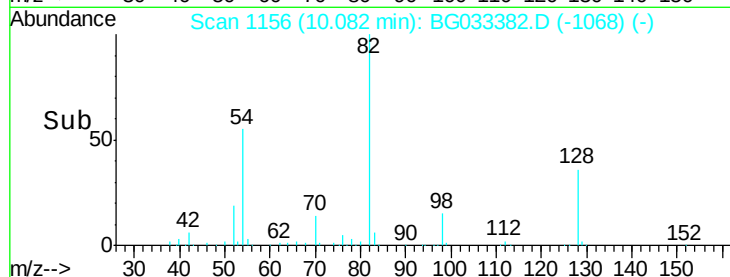
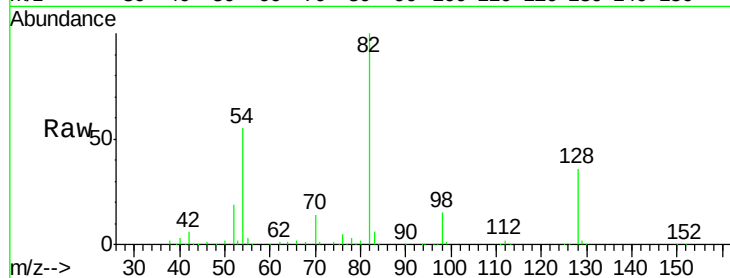
Tot Ion: 82 Resp: 361476

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

54 55.4 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.02 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

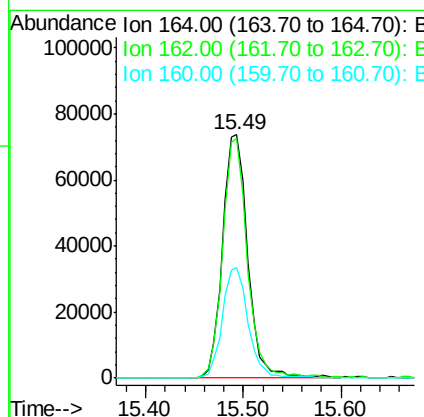
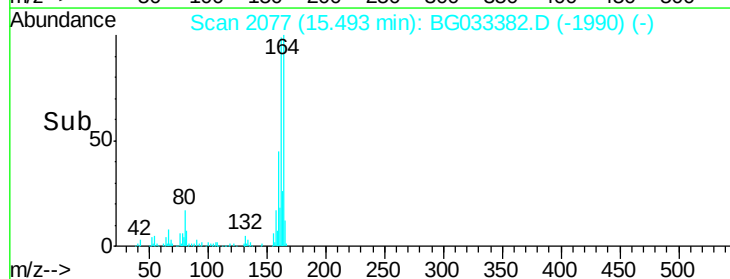
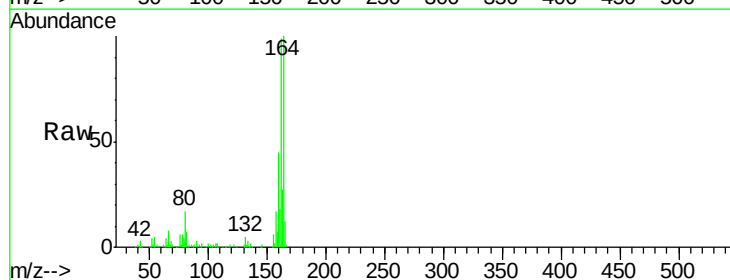
Tgt Ion:164 Resp: 132068

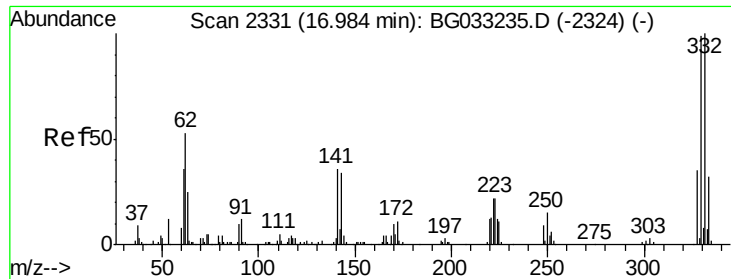
Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

160 45.4 35.4 53.0

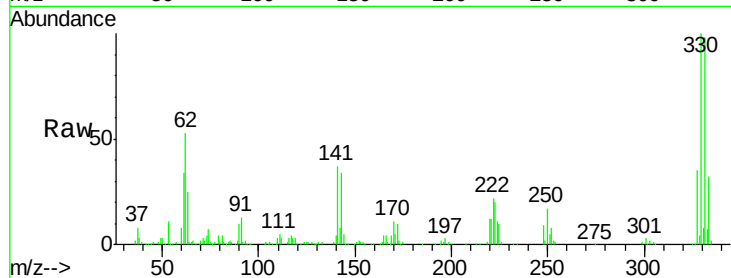




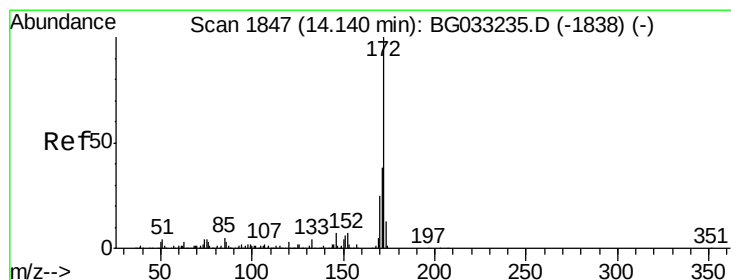
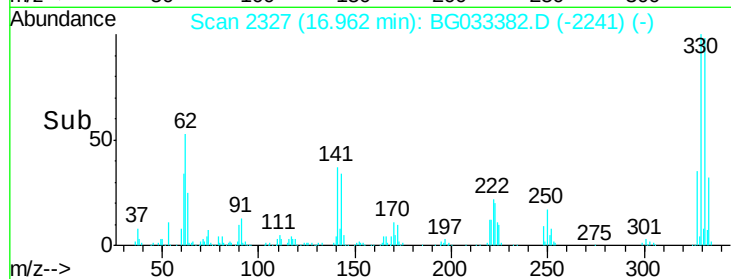
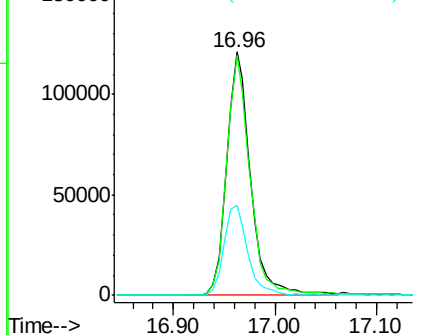
#41
 2,4,6-Tribromophenol
 Concen: 99.909 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.02 min
 Lab File: BG033382.D
 Acq: 28 Mar 2018 4:34

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.2	25.2	37.8

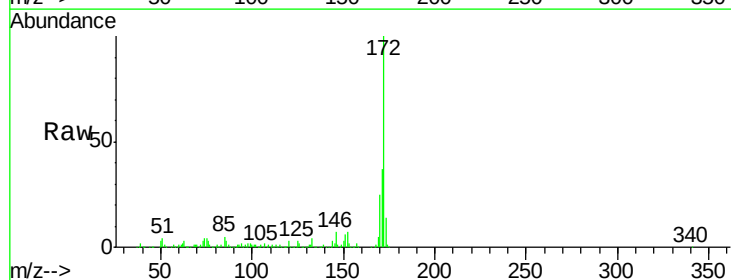


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

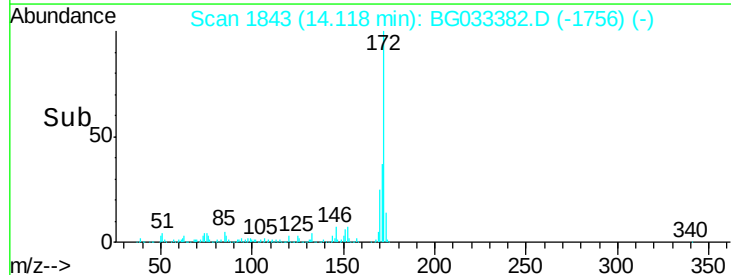
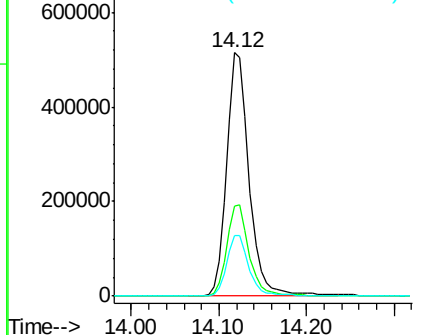


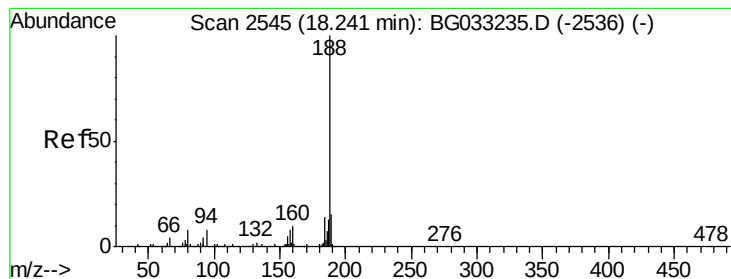
#44
 2-Fluorobiphenyl
 Concen: 99.257 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BG033382.D
 Acq: 28 Mar 2018 4:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: 18.22 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-S

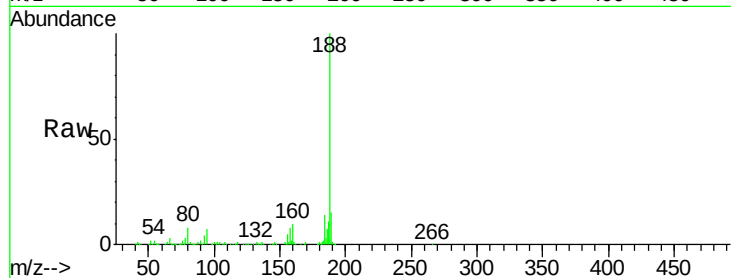
Tot Ion:188 Resp: 344290

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

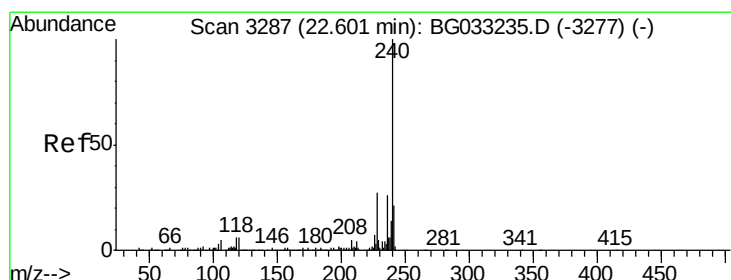
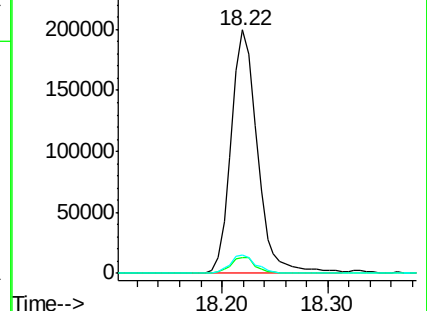
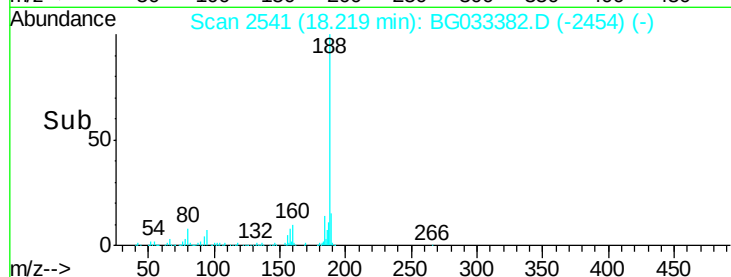
80 7.6 7.7 11.5#



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: 22.57 min Scan# 3281

Delta R.T. -0.03 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

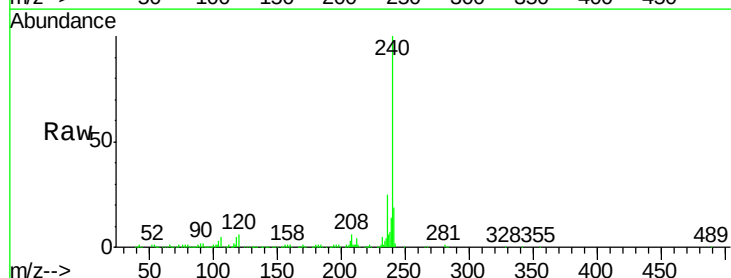
Tgt Ion:240 Resp: 351623

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

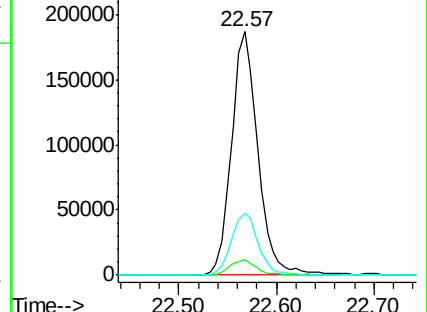
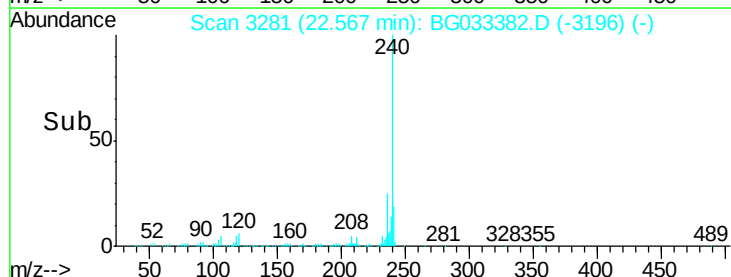
236 25.2 20.9 31.3

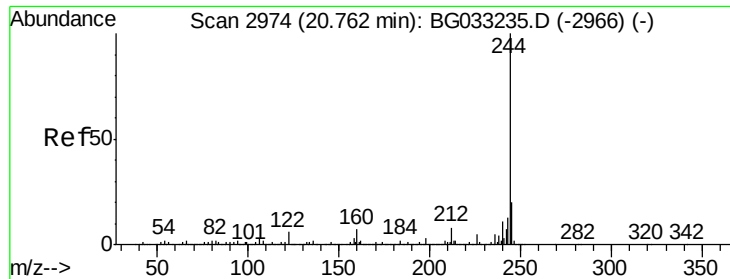


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.537 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-S

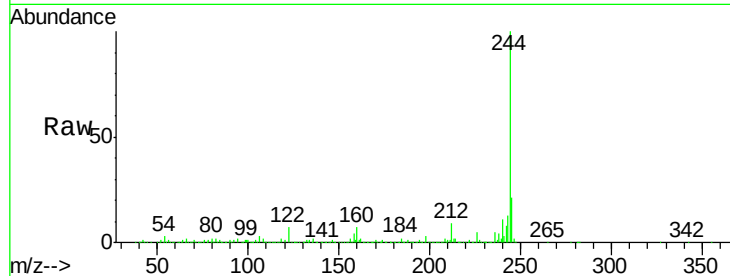
Tot Ion:244 Resp: 1570787

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

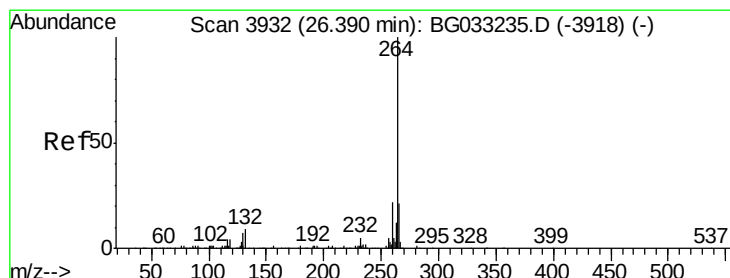
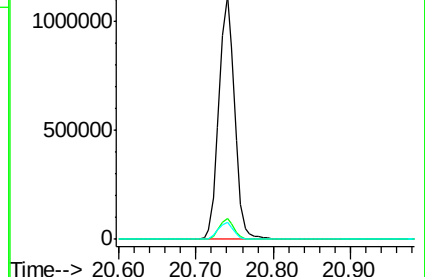
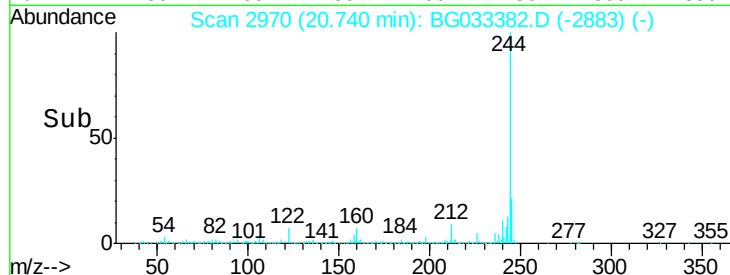
122 6.8 7.0 10.4#



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: 26.34 min Scan# 3923

Delta R.T. -0.05 min

Lab File: BG033382.D

Acq: 28 Mar 2018 4:34

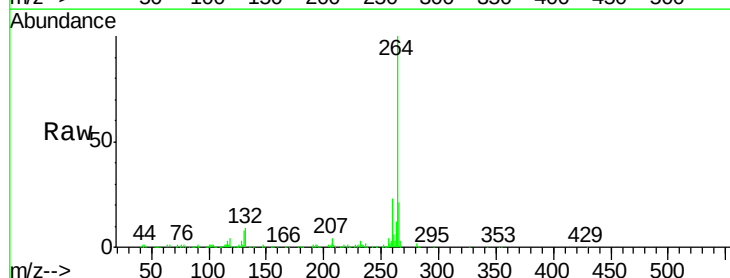
Tgt Ion:264 Resp: 379274

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.7 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

