

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033255.D
 Acq On : 20 Mar 2018 00:44
 Operator : SJ/JU
 Sample : J1953-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031418-JETT-E-D-M

Quant Time: Mar 20 04:02:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

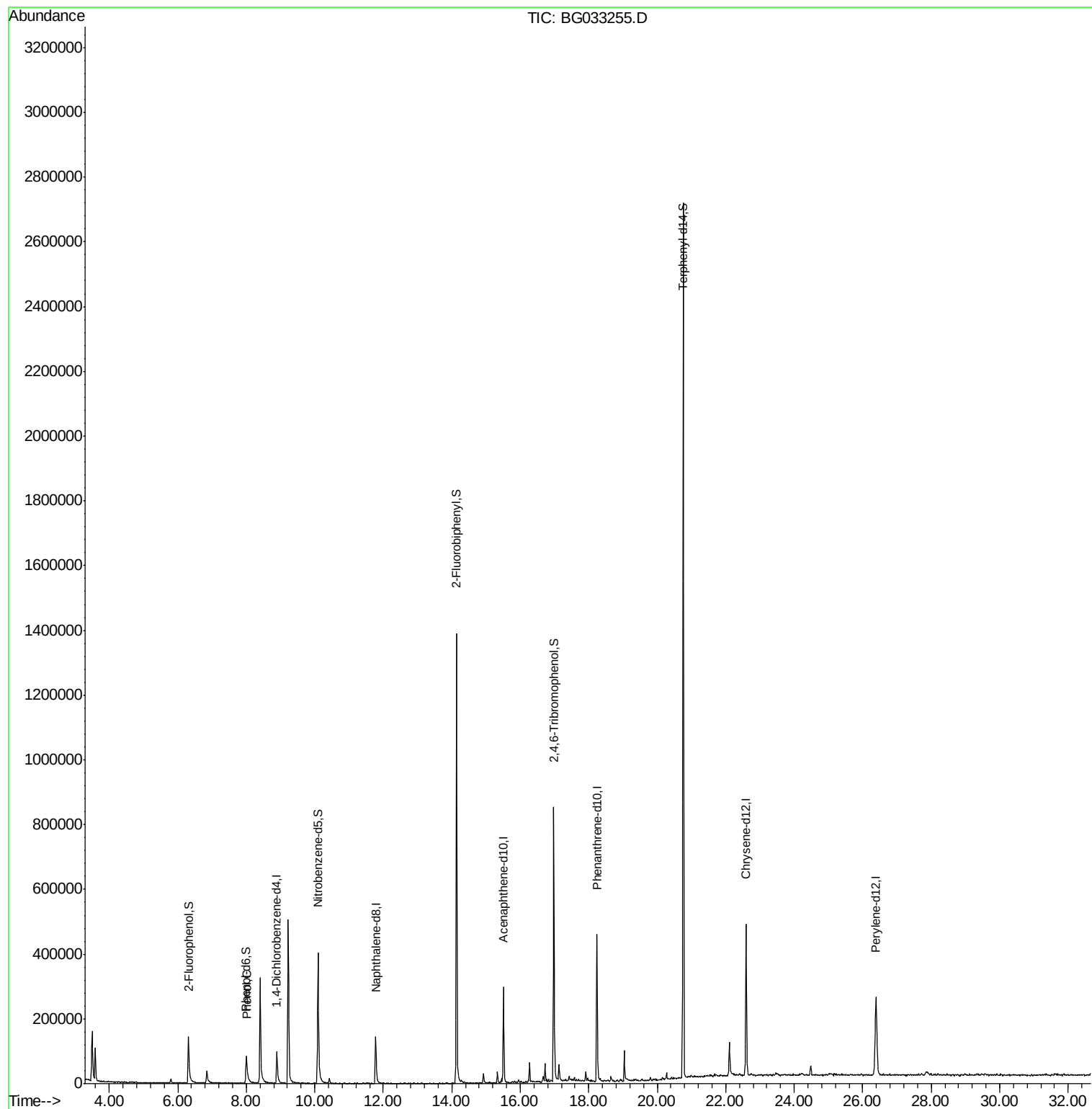
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34110	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	147000	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	116574	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	325803	20.00	ng	0.00
75) Chrysene-d12	22.59	240	337194	20.00	ng	0.00
86) Perylene-d12	26.39	264	346342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	85408	46.95	ng	0.00
7) Phenol-d6	8.00	99	79172	25.33	ng	0.00
23) Nitrobenzene-d5	10.09	82	321373	100.44	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	178954	102.64	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	793314	98.24	ng	0.00
78) Terphenyl-d14	20.76	244	1371189	86.97	ng	0.00
Target Compounds						
10) Phenol	8.02	94	12252	3.970	ng	Qvalue 75

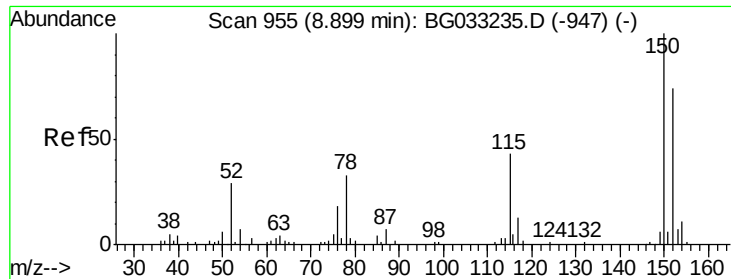
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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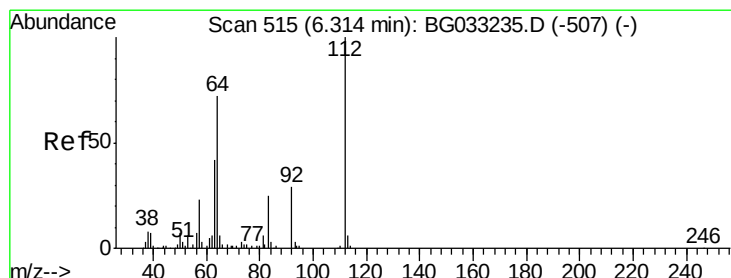
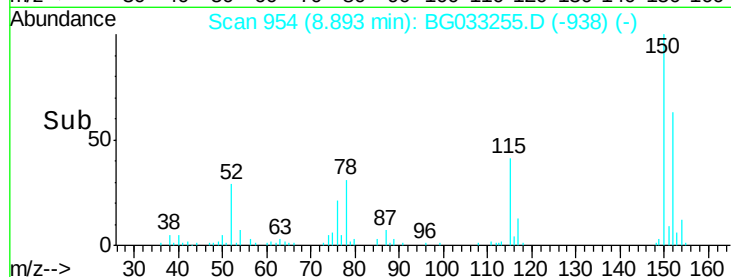
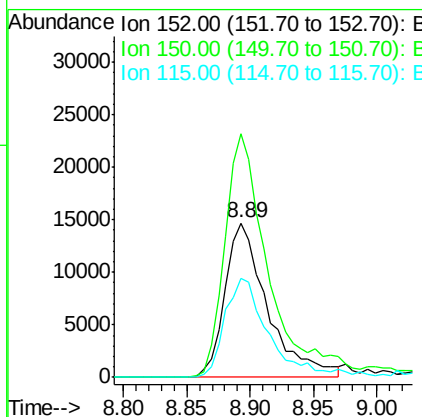
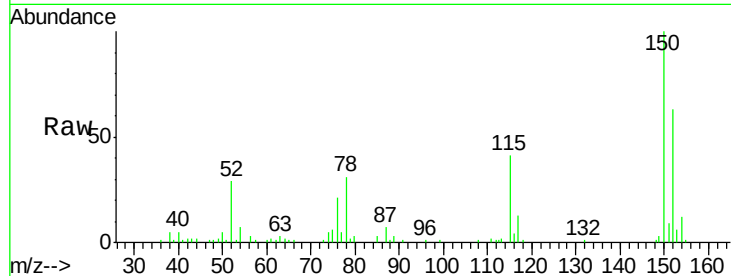


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Instrument :
BNA_G
ClientSampleId :
031418-JETT-E-D-M

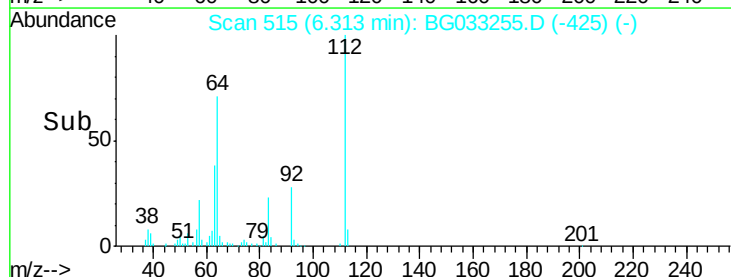
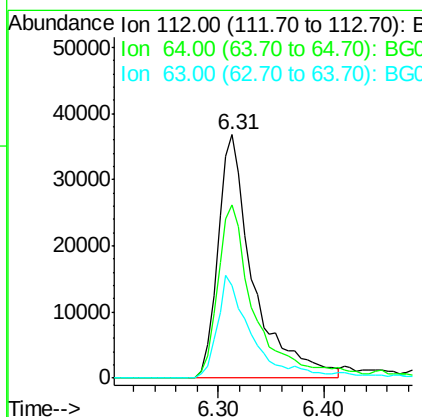
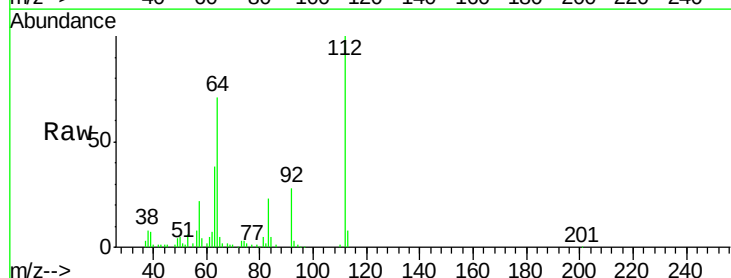
Tot Ion:152 Resp: 34110
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 64.3 53.0 79.4

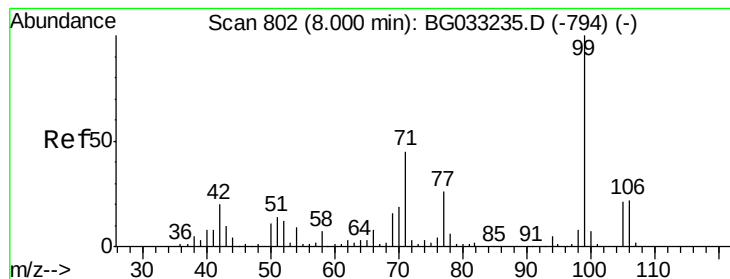


#5

2-Fluorophenol
Concen: 46.951 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion:112 Resp: 85408
Ion Ratio Lower Upper
112 100
64 71.0 56.3 84.5
63 38.0 30.1 45.1





#7

Phenol-d6

Concen: 25.331 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

031418-JETT-E-D-M

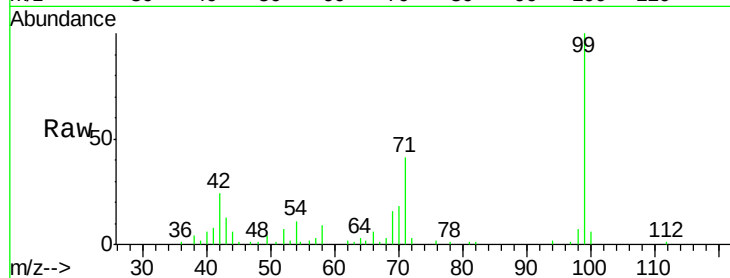
Tot Ion: 99 Resp: 79172

Ion Ratio Lower Upper

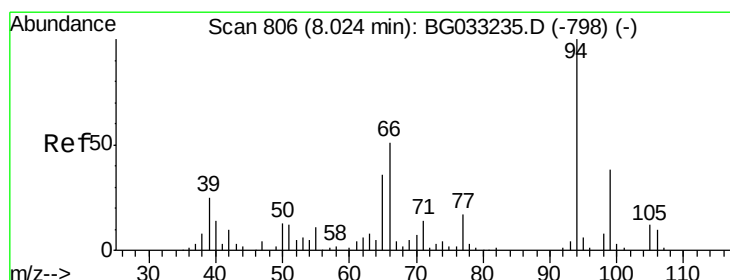
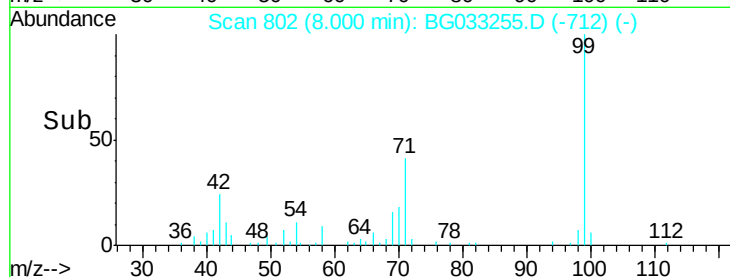
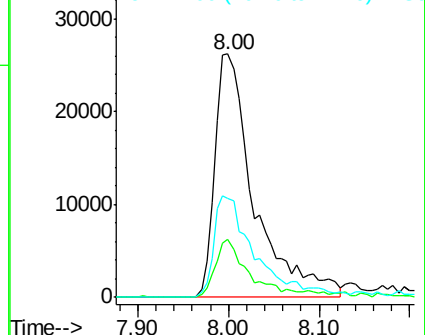
99 100

42 23.6 14.1 21.1#

71 40.5 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



#10

Phenol

Concen: 3.970 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

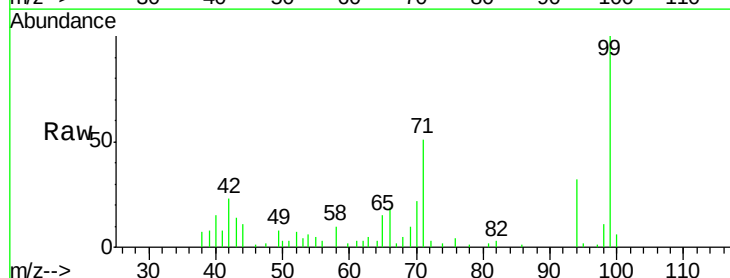
Tgt Ion: 94 Resp: 12252

Ion Ratio Lower Upper

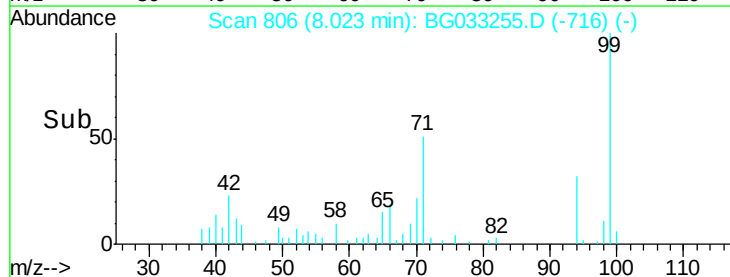
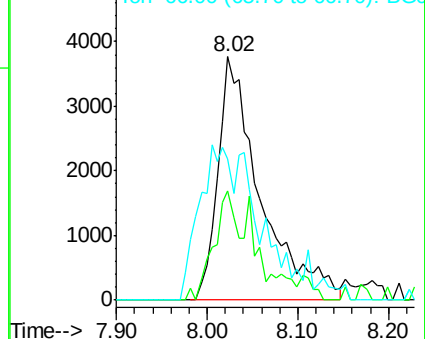
94 100

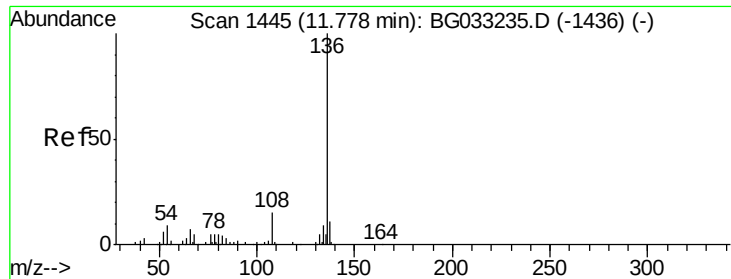
65 45.1 11.9 51.9

66 58.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

031418-JETT-E-D-M

Tot Ion:136 Resp: 147000

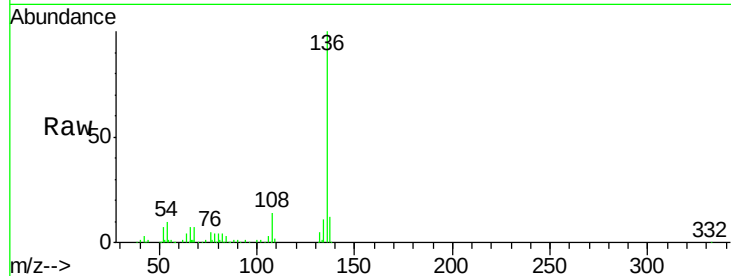
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 10.5 10.3 15.5

68 6.5 4.5 6.7

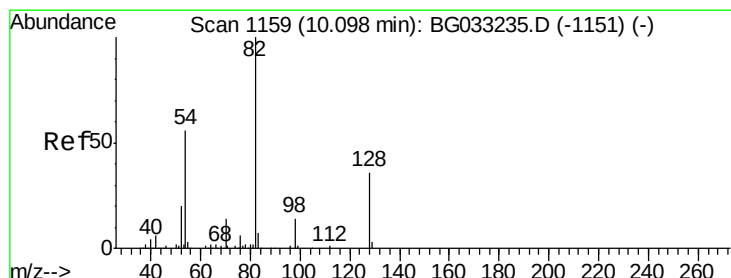
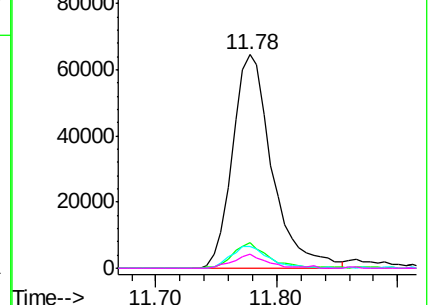
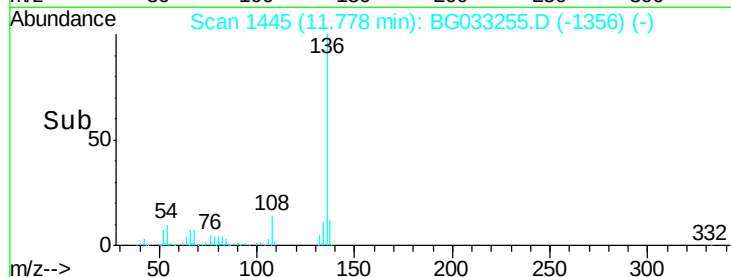


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 100.443 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

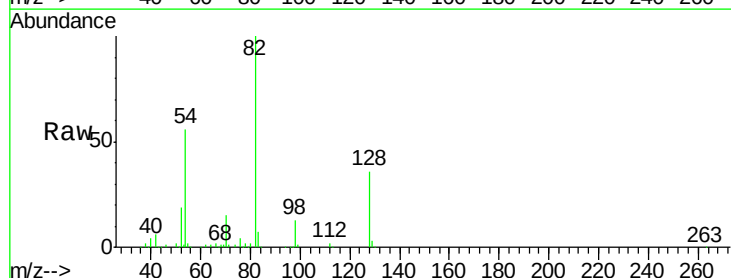
Tgt Ion: 82 Resp: 321373

Ion Ratio Lower Upper

82 100

128 36.2 29.7 44.5

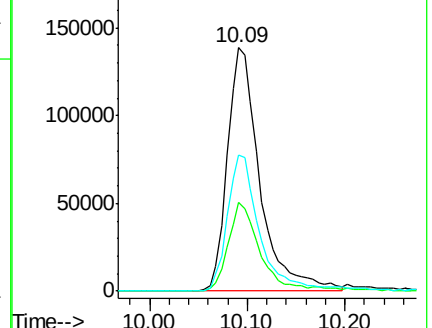
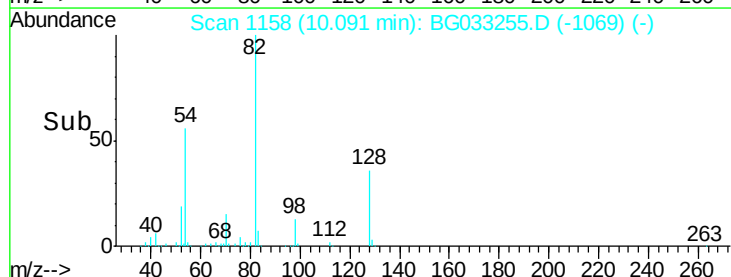
54 55.8 43.1 64.7

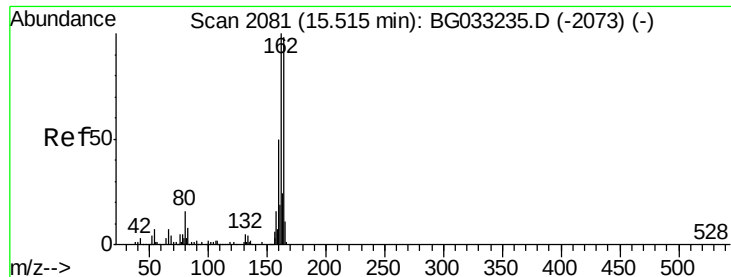


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

031418-JETT-E-D-M

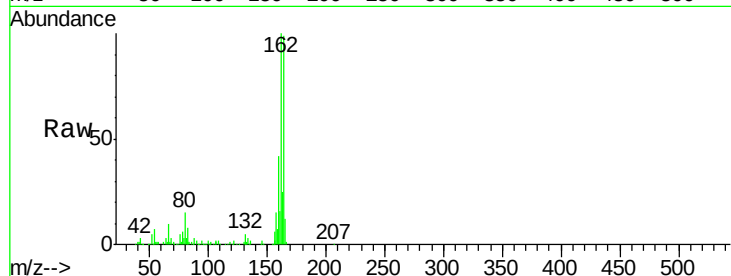
Tot Ion:164 Resp: 116574

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

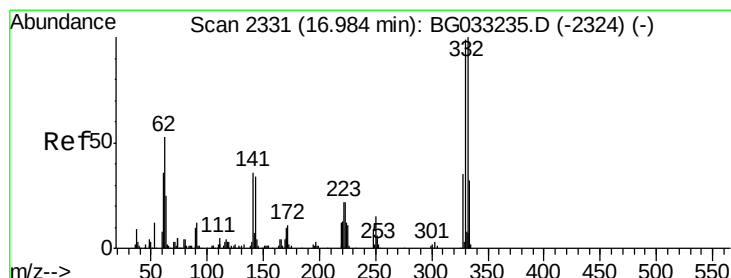
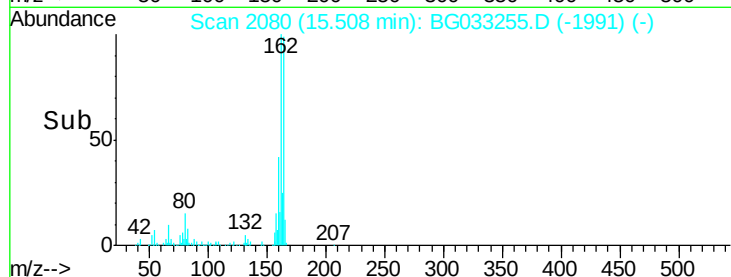
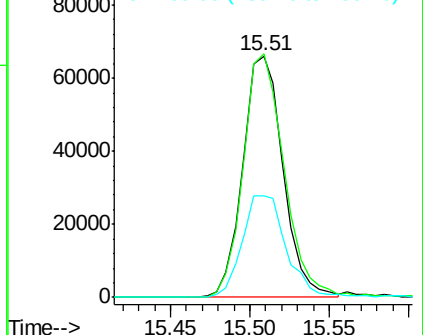
160 42.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 102.641 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

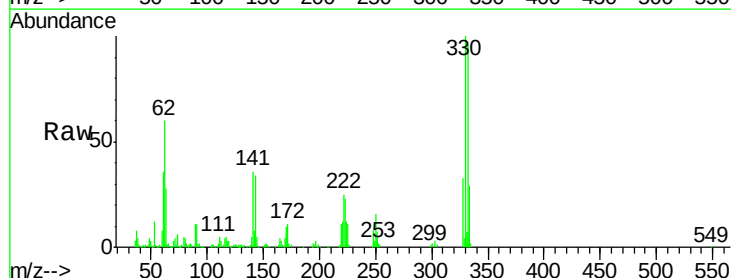
Tgt Ion:330 Resp: 178954

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

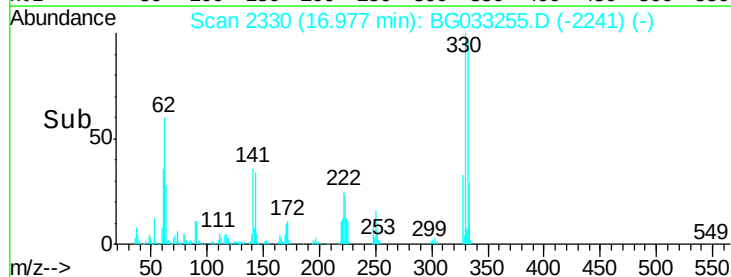
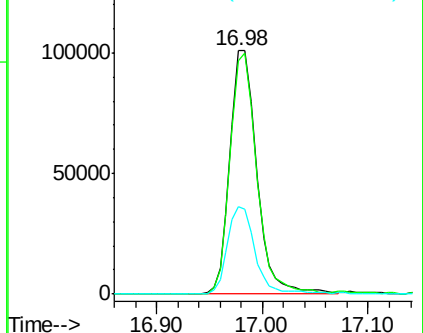
141 36.8 25.2 37.8

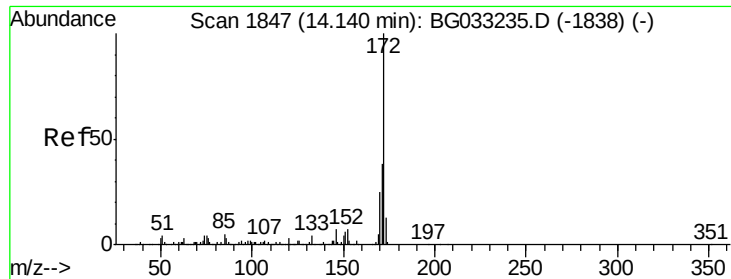


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

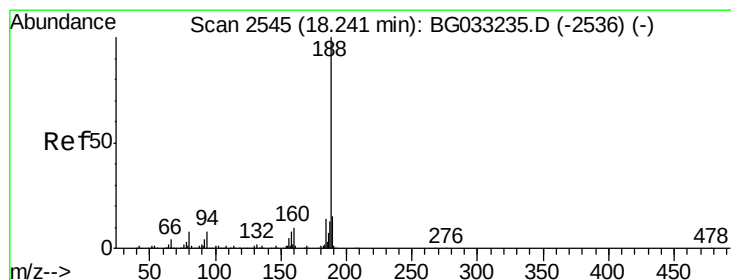
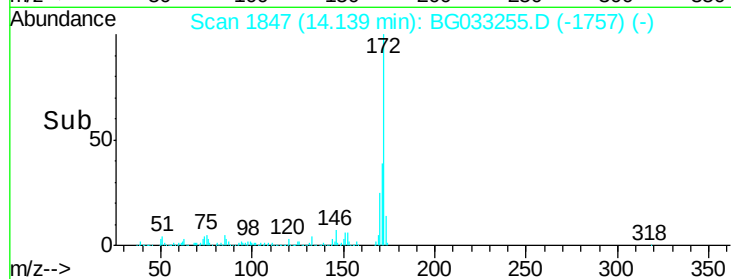
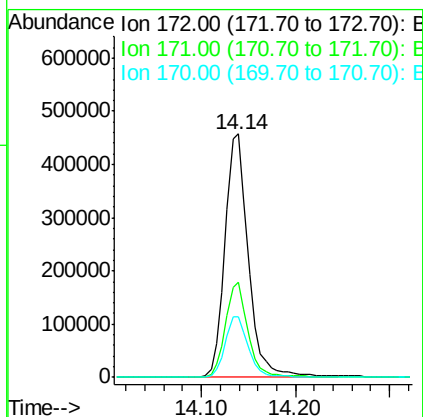
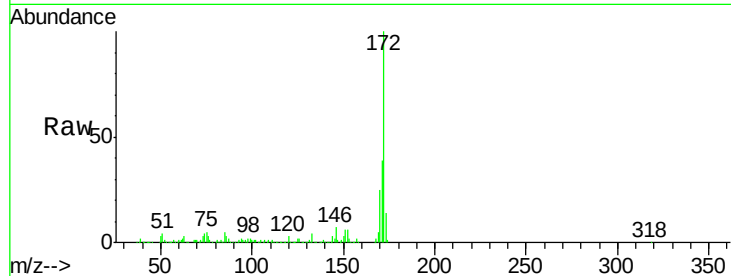




#44
2-Fluorobiphenyl
Concen: 98.243 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

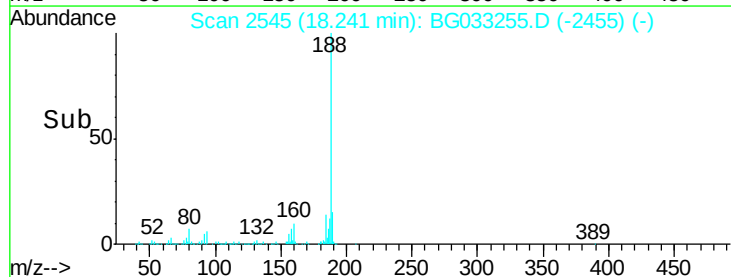
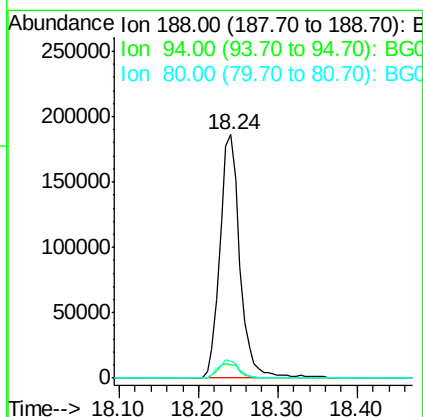
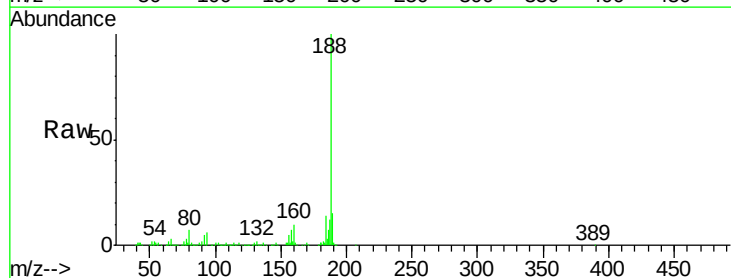
Instrument :
BNA_G
ClientSampleId :
031418-JETT-E-D-M

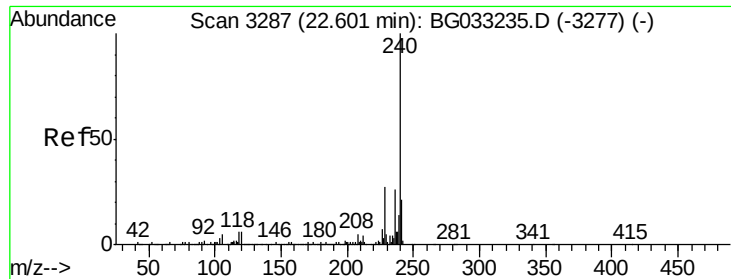
Tot Ion:172 Resp: 793314
Ion Ratio Lower Upper
172 100
171 38.9 30.0 45.0
170 25.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Tgt Ion:188 Resp: 325803
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

Instrument :

BNA_G

ClientSampleId :

031418-JETT-E-D-M

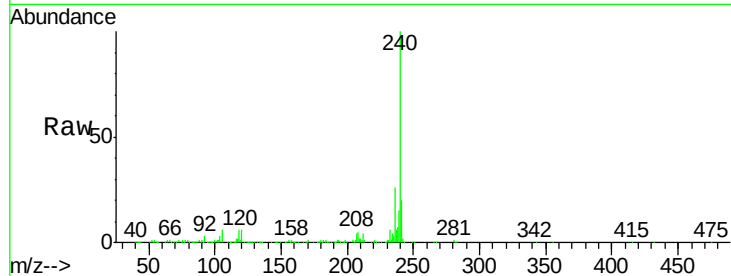
Tot Ion:240 Resp: 337194

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

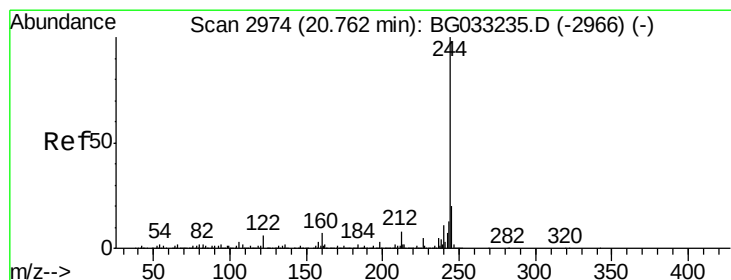
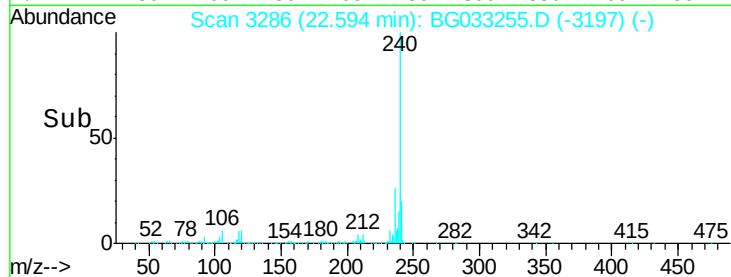
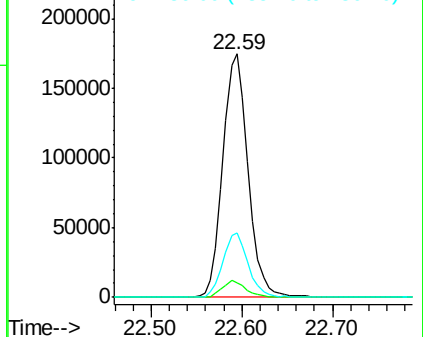
236 26.3 20.9 31.3



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: 86.966 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG033255.D

Acq: 20 Mar 2018 00:44

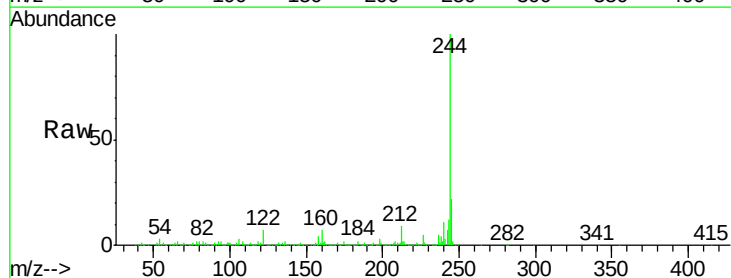
Tgt Ion:244 Resp: 1371189

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

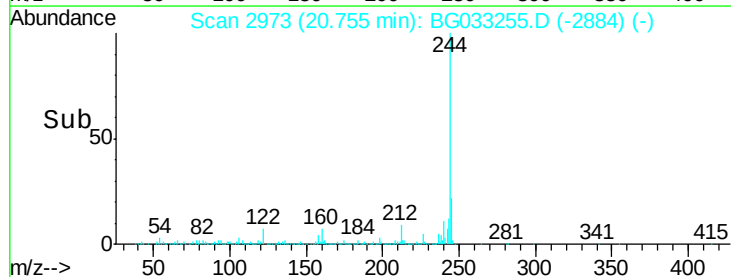
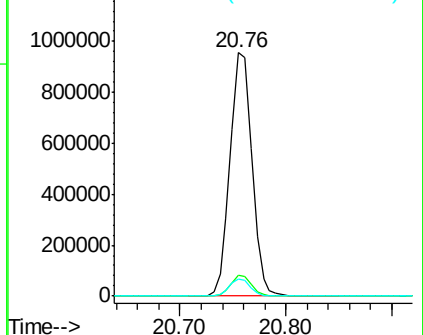
122 7.0 7.0 10.4

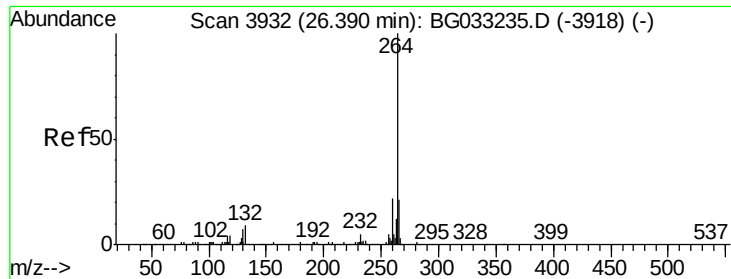


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BG033255.D
Acq: 20 Mar 2018 00:44

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	19.2	17.7	26.5

