

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033261.D
 Acq On : 20 Mar 2018 4:30
 Operator : SJ/JU
 Sample : J1954-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031518-JETT-F-D-M

Quant Time: Mar 20 05:44:38 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

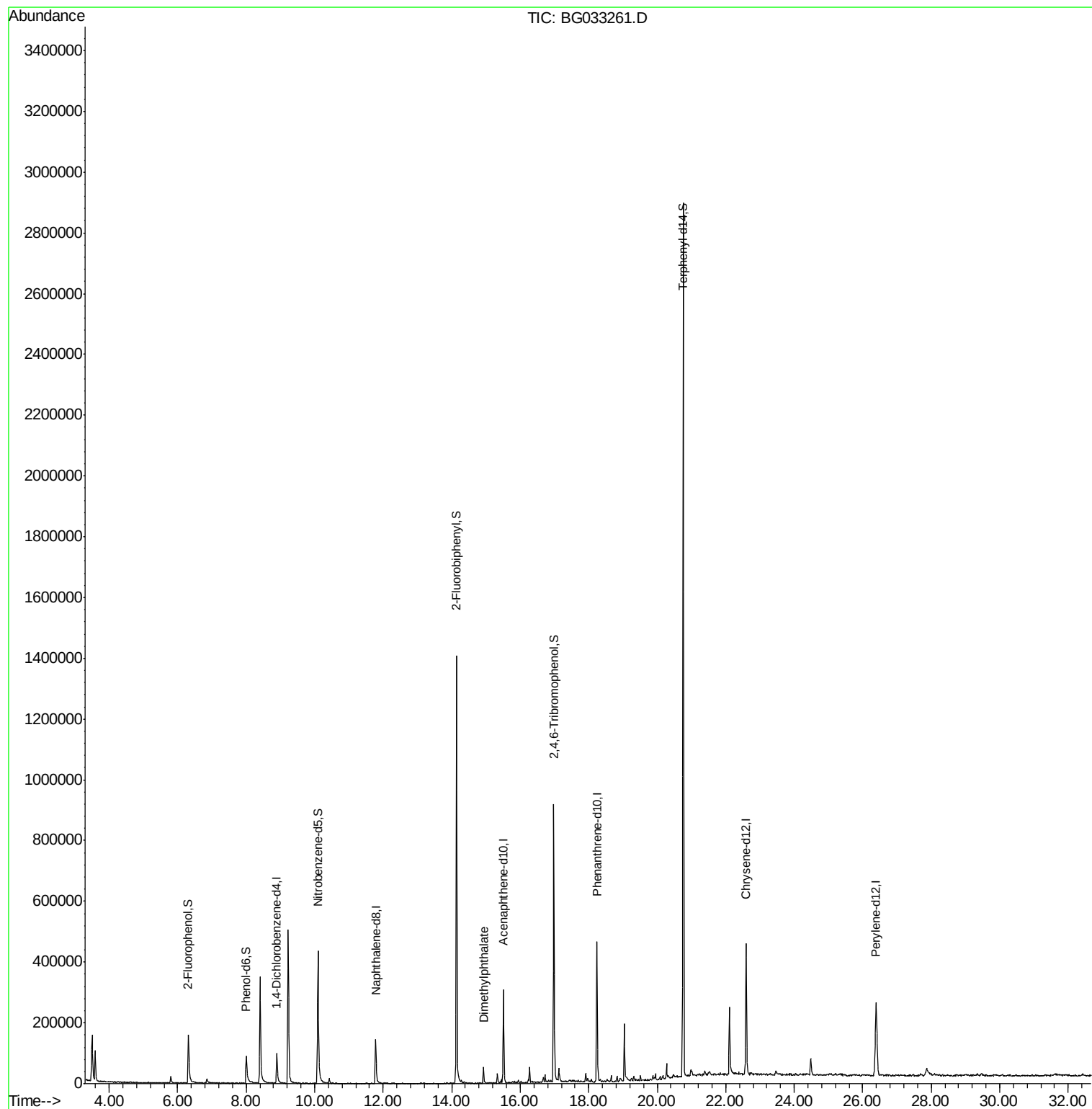
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35818	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	153429	20.00	ng	-0.01
38) Acenaphthene-d10	15.51	164	117906	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322999	20.00	ng	0.00
75) Chrysene-d12	22.60	240	322192	20.00	ng	0.00
86) Perylene-d12	26.39	264	333063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	93667	49.04	ng	0.00
7) Phenol-d6	8.00	99	84102	25.62	ng	0.00
23) Nitrobenzene-d5	10.09	82	333358	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	194414	110.25	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	813832	99.65	ng	0.00
78) Terphenyl-d14	20.76	244	1473506	97.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	35913	3.500	ng	Qvalue 98

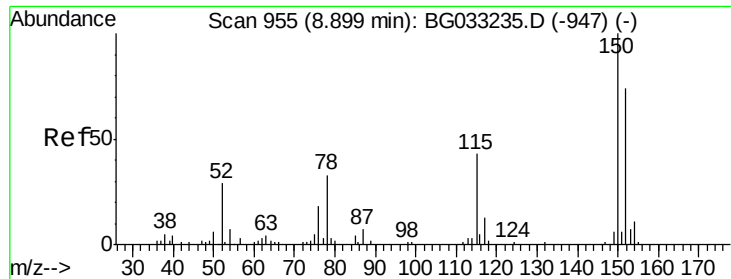
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-M

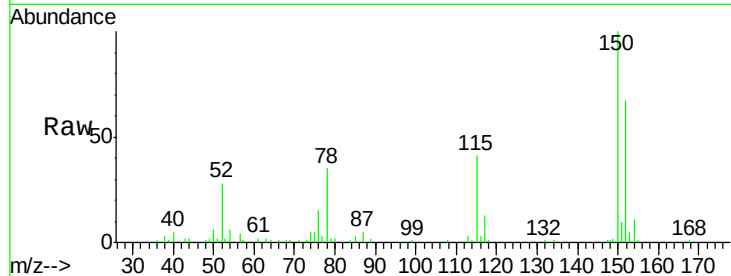
Tot Ion:152 Resp: 35818

Ion Ratio Lower Upper

152 100

150 150.2 126.6 189.8

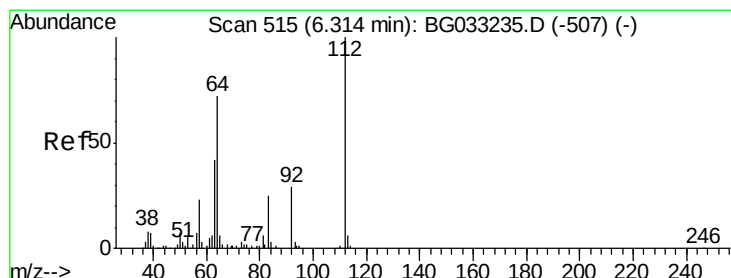
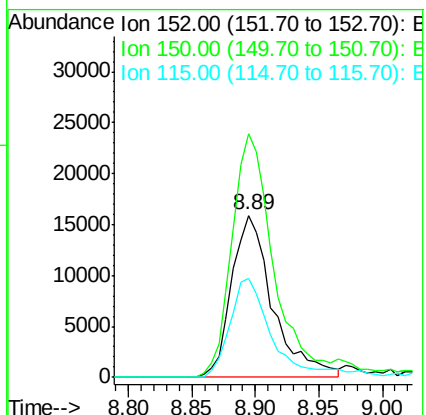
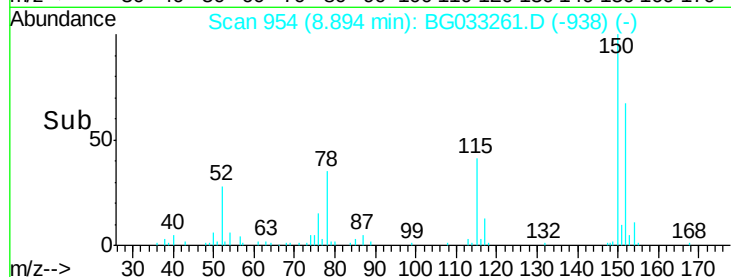
115 61.2 53.0 79.4



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: 49.036 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

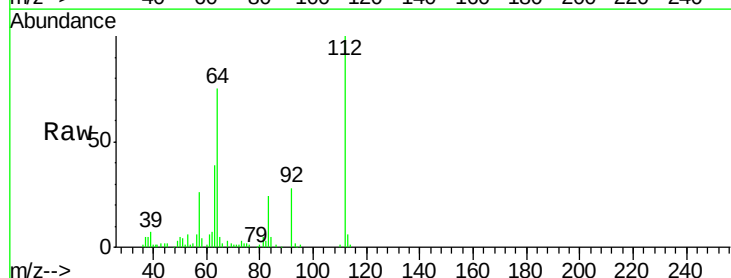
Tgt Ion:112 Resp: 93667

Ion Ratio Lower Upper

112 100

64 75.0 56.3 84.5

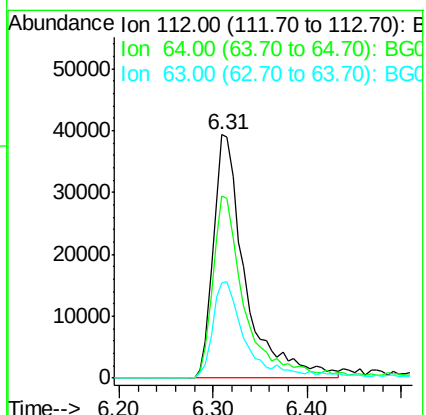
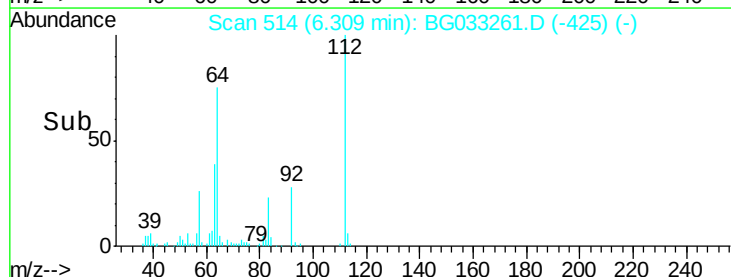
63 39.2 30.1 45.1

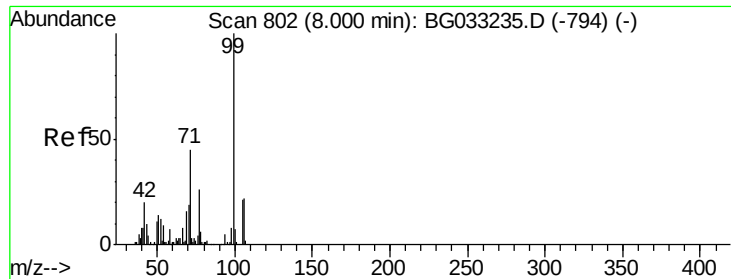


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.625 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-M

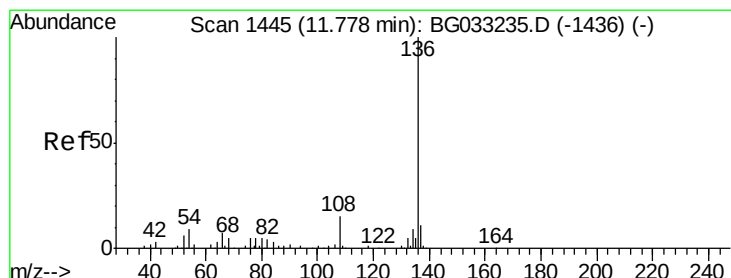
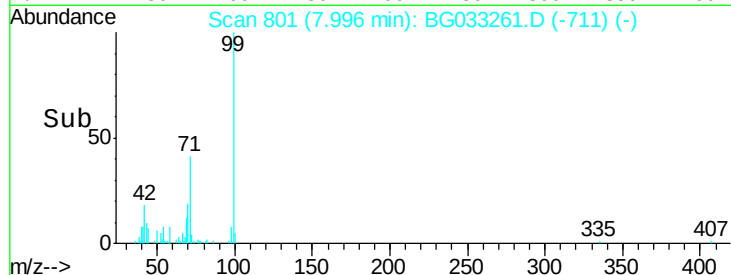
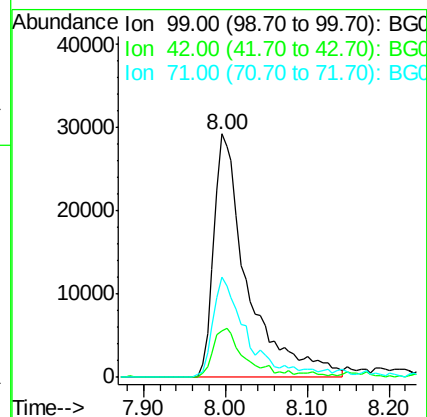
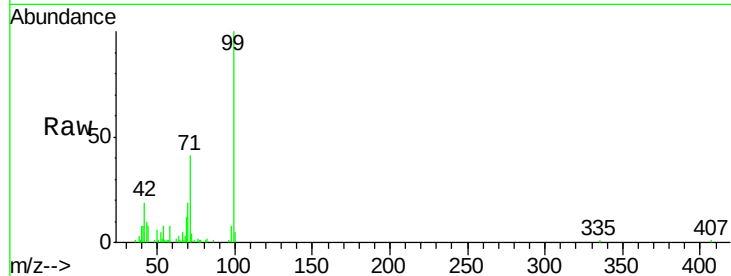
Tot Ion: 99 Resp: 84102

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 41.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Tgt Ion: 136 Resp: 153429

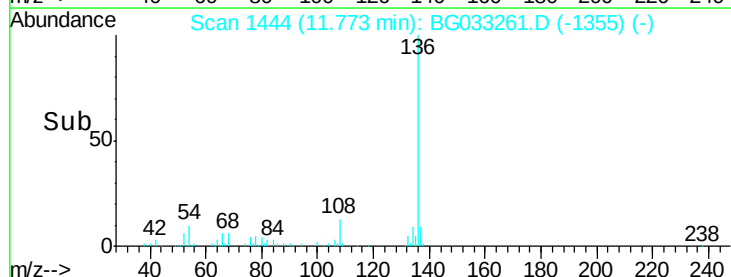
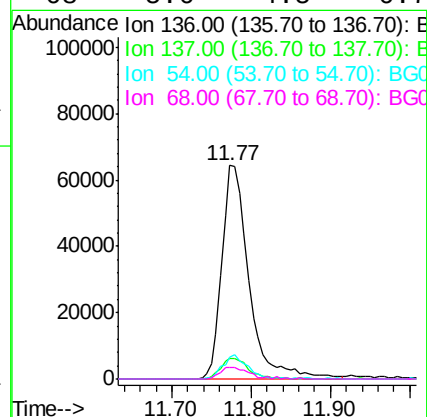
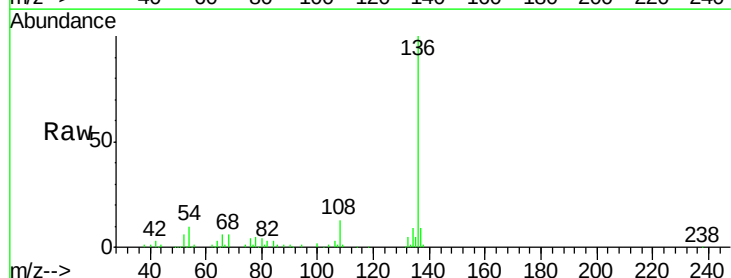
Ion Ratio Lower Upper

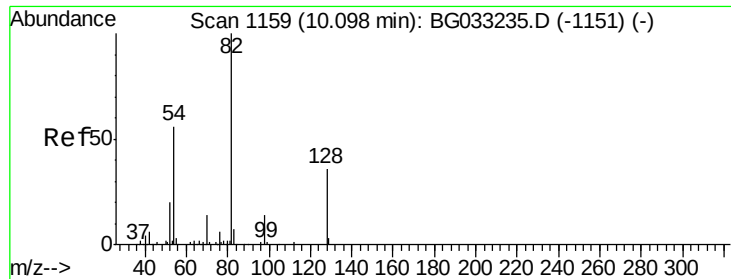
136 100

137 9.5 9.2 13.8

54 10.2 10.3 15.5#

68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.824 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-M

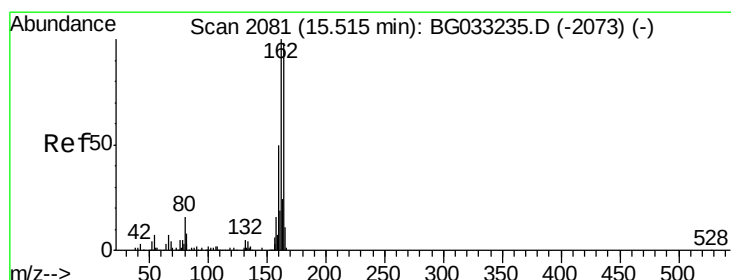
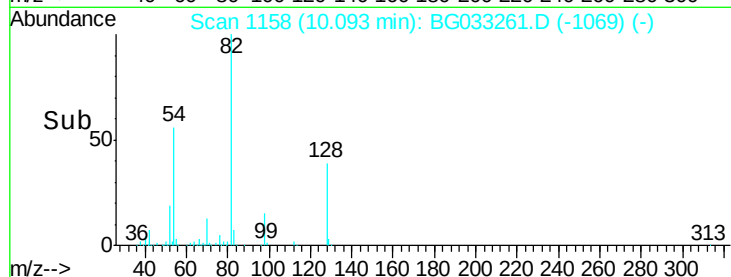
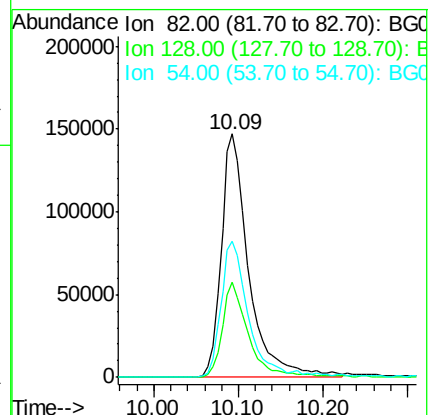
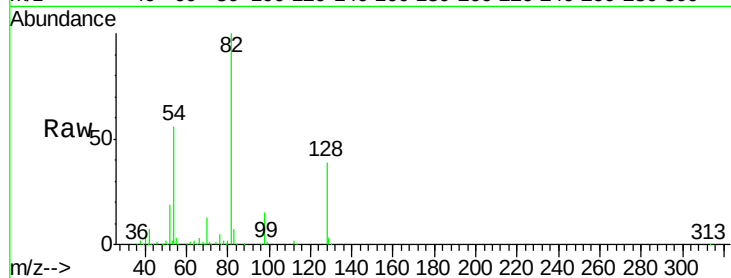
Tot Ion: 82 Resp: 333358

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

54 55.7 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

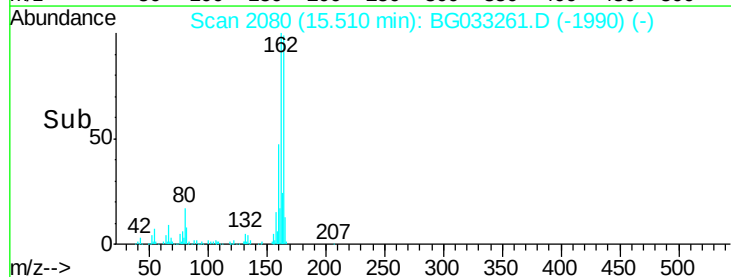
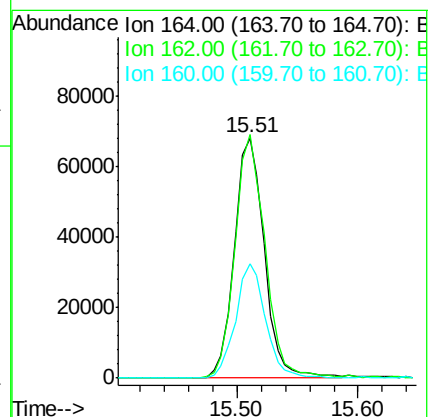
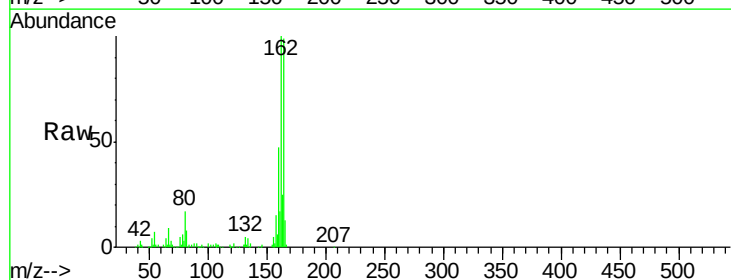
Tgt Ion: 164 Resp: 117906

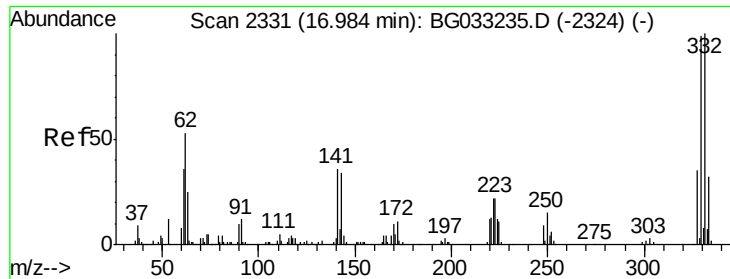
Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

160 47.5 35.4 53.0

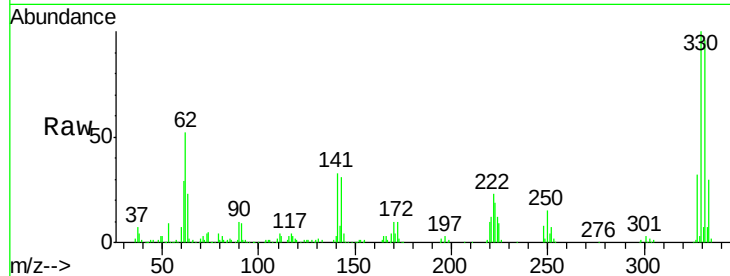




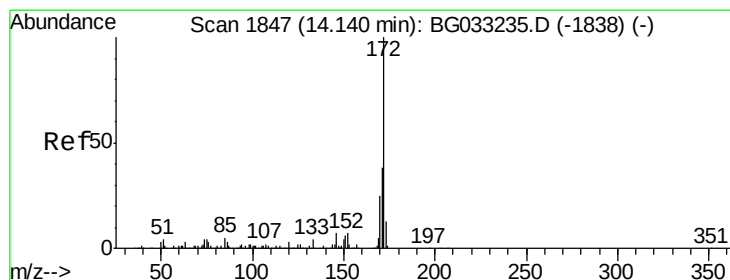
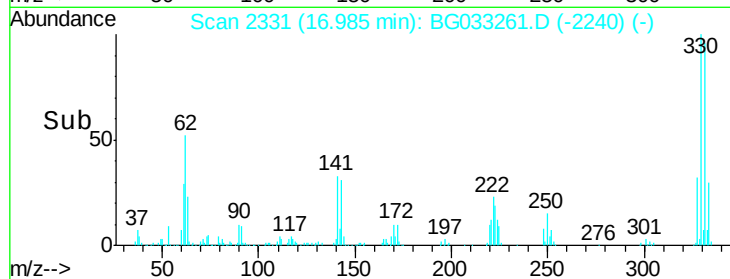
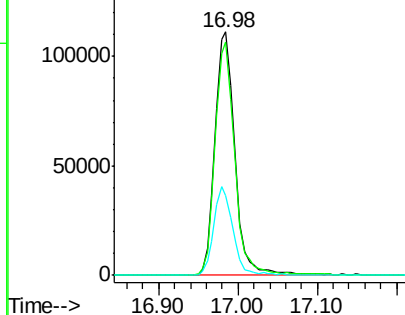
#41
 2,4,6-Tribromophenol
 Concen: 110.248 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033261.D
 Acq: 20 Mar 2018 4:30

Instrument :
 BNA_G
 ClientSampleId :
 031518-JETT-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.3	25.2	37.8

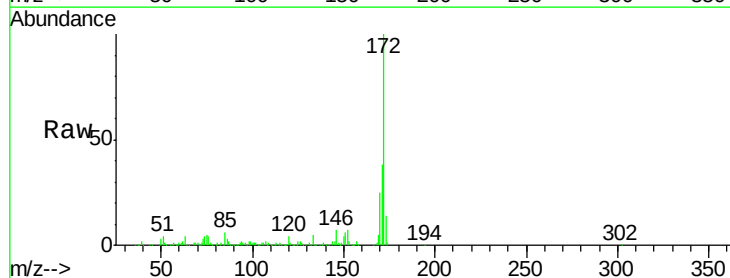


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

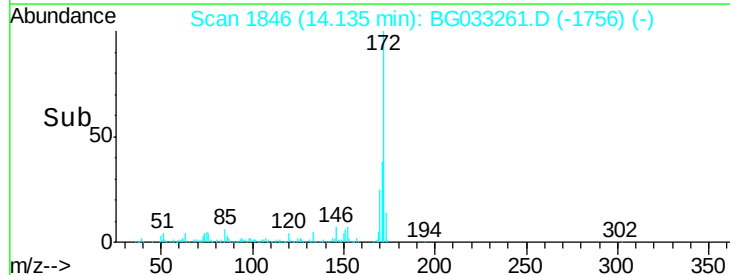
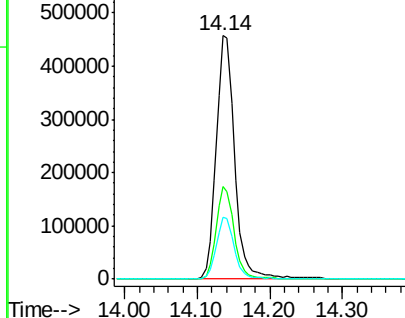


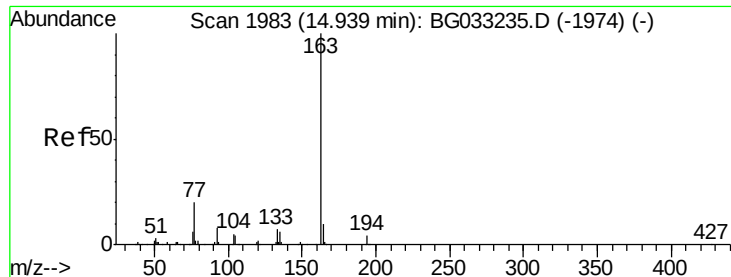
#44
 2-Fluorobiphenyl
 Concen: 99.645 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033261.D
 Acq: 20 Mar 2018 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.2	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





#49

Dimethylphthalate

Concen: 3.500 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-M

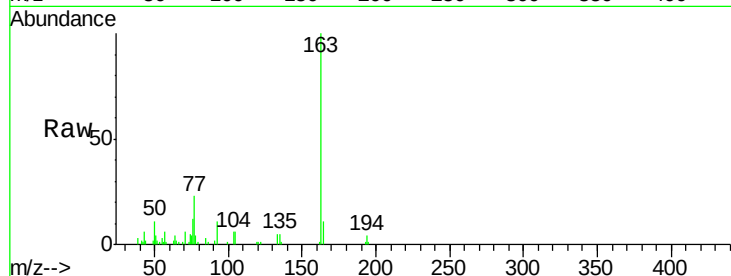
Tot Ion:163 Resp: 35913

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

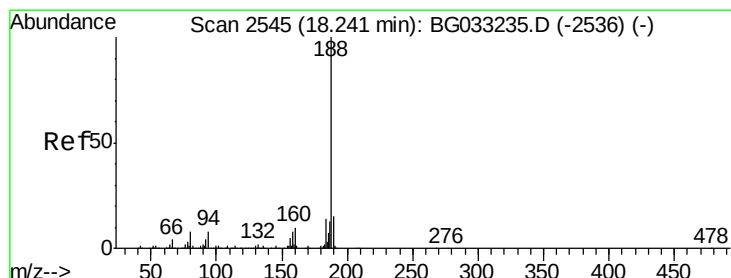
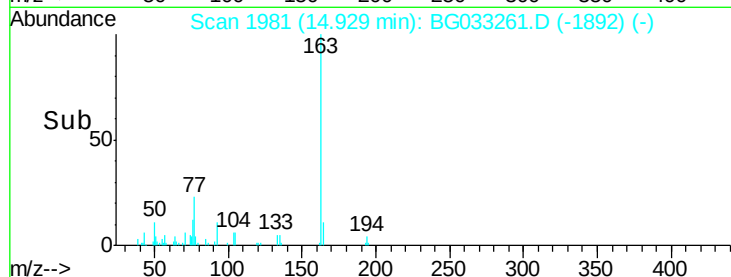
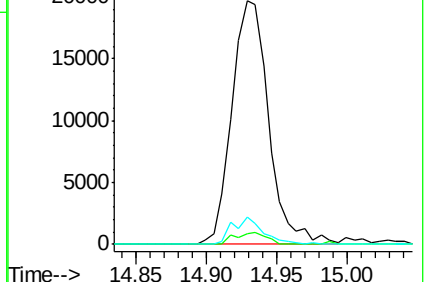
164 11.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

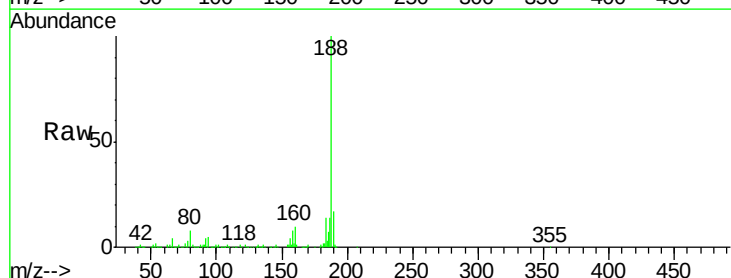
Tgt Ion:188 Resp: 322999

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

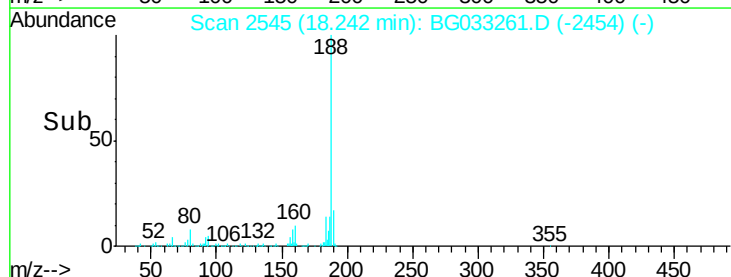
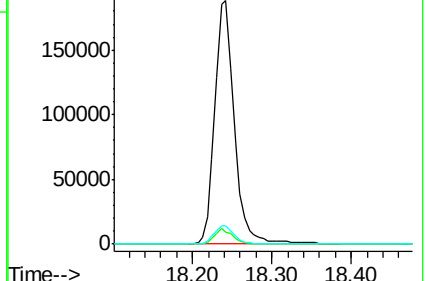
80 7.7 7.7 11.5

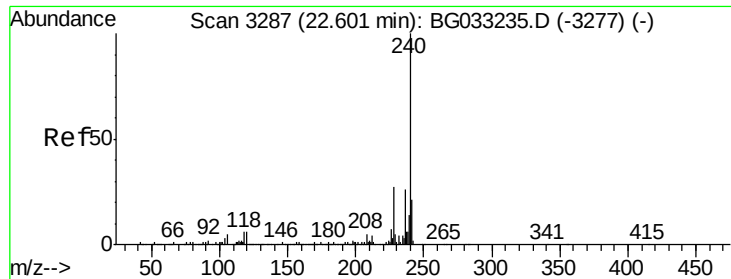


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-M

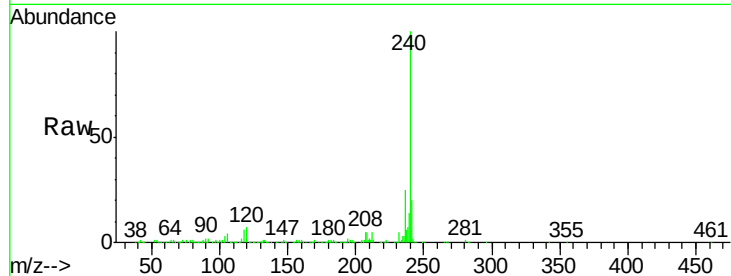
Tot Ion:240 Resp: 322192

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

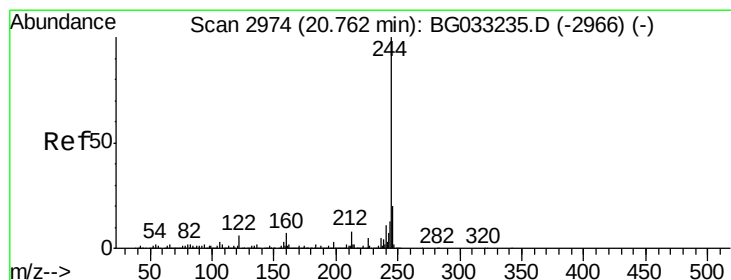
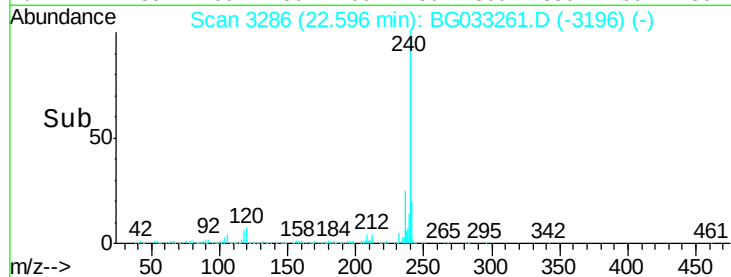
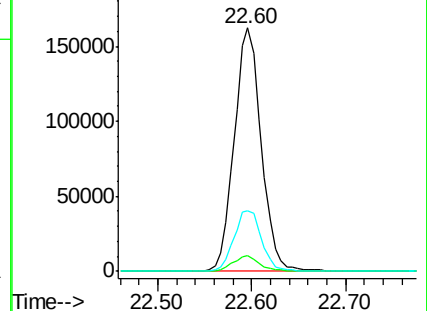
236 25.0 20.9 31.3



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: 97.807 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033261.D

Acq: 20 Mar 2018 4:30

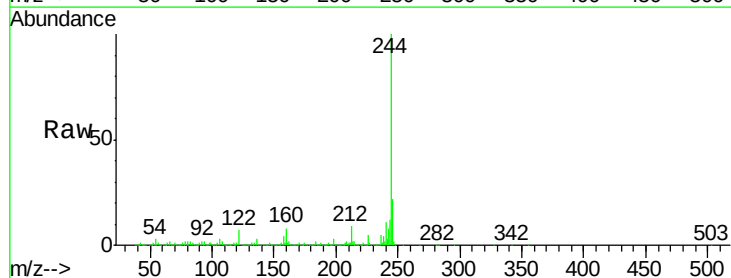
Tgt Ion:244 Resp: 1473506

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

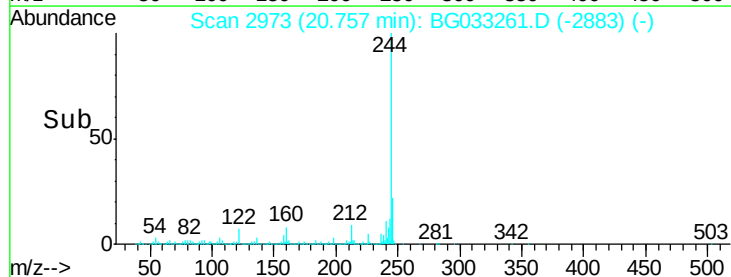
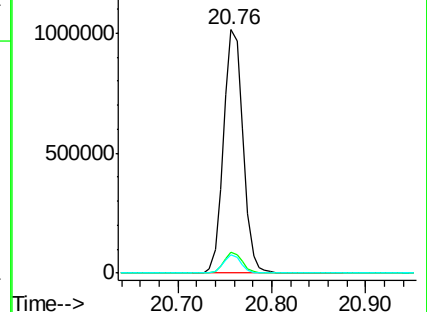
122 7.4 7.0 10.4

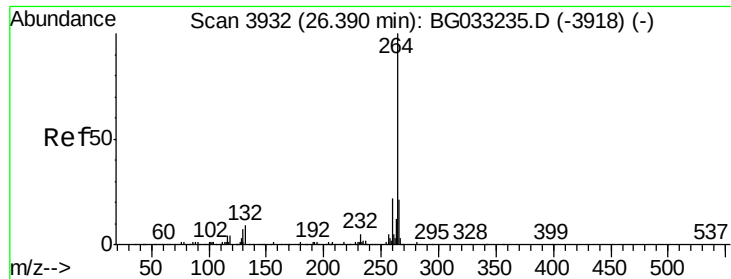


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG033261.D
Acq: 20 Mar 2018 4:30

Instrument :
BNA_G
ClientSampleId :
031518-JETT-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.4	17.7	26.5

