

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033262.D
 Acq On : 20 Mar 2018 5:08
 Operator : SJ/JU
 Sample : J1954-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 20 05:50:34 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

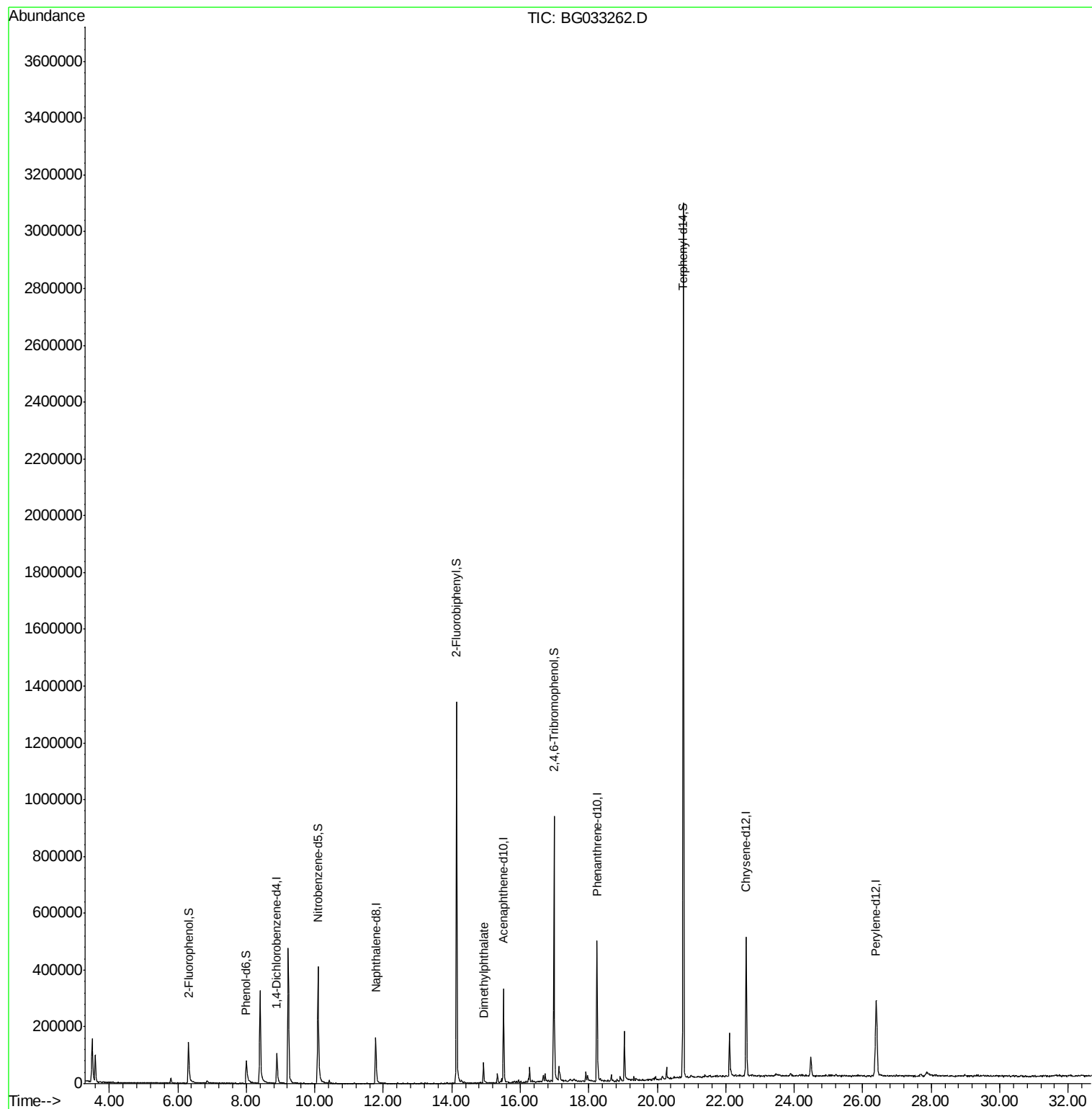
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38116	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	167235	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	126915	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	346141	20.00	ng	0.00
75) Chrysene-d12	22.59	240	360147	20.00	ng	0.00
86) Perylene-d12	26.40	264	372372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	82852	40.76	ng	0.00
7) Phenol-d6	8.00	99	70739	20.25	ng	0.00
23) Nitrobenzene-d5	10.09	82	319614	87.81	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	186817	98.42	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	773145	87.94	ng	0.00
78) Terphenyl-d14	20.76	244	1496597	88.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	44147	3.997	ng	Qvalue # 93

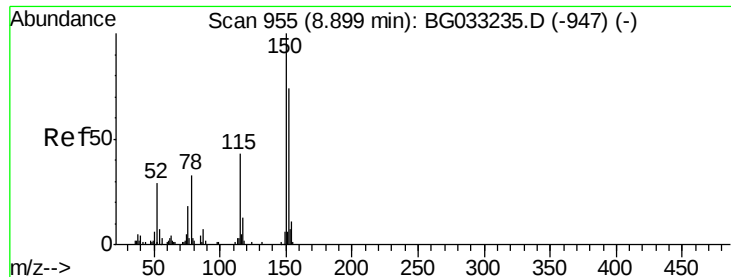
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

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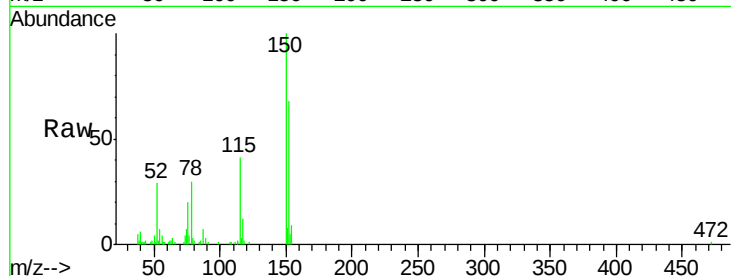
Tot Ion:152 Resp: 38116

Ion Ratio Lower Upper

152 100

150 146.7 126.6 189.8

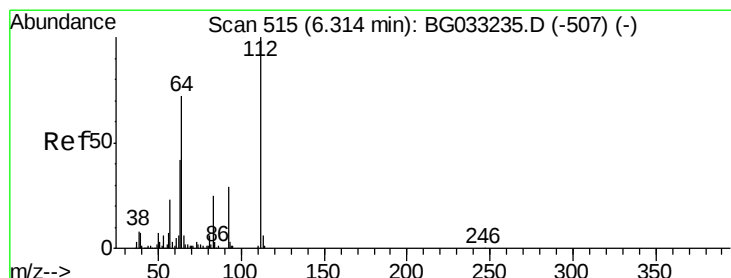
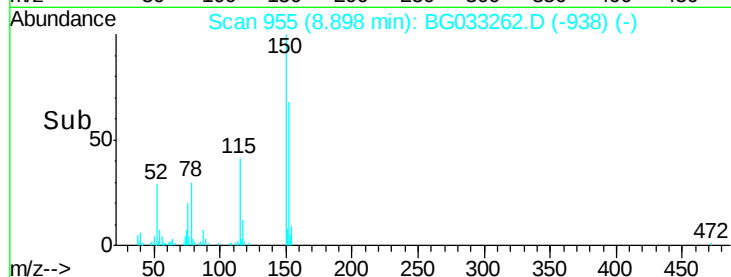
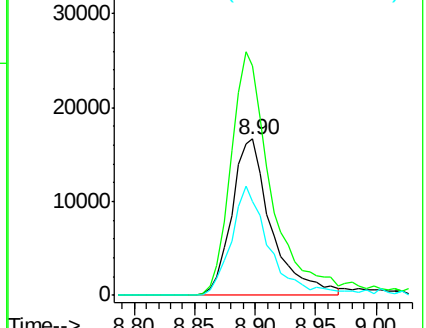
115 59.8 53.0 79.4



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: 40.759 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

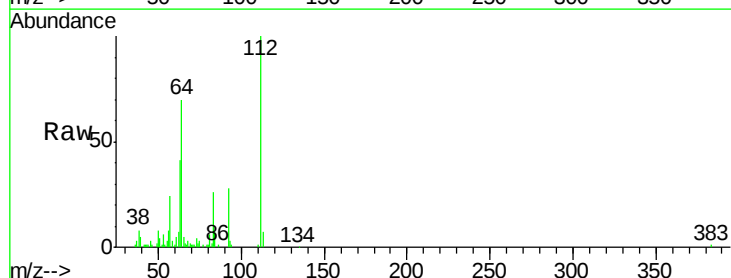
Tgt Ion:112 Resp: 82852

Ion Ratio Lower Upper

112 100

64 70.4 56.3 84.5

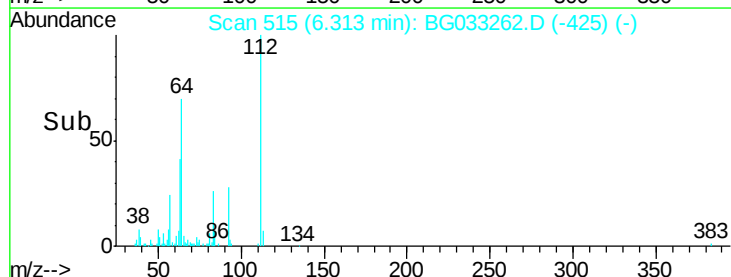
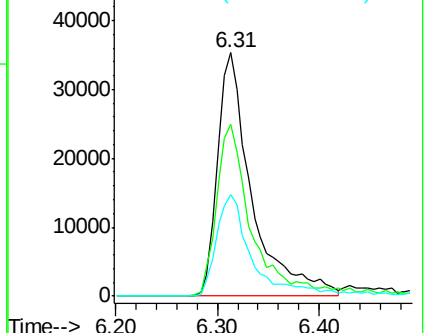
63 41.5 30.1 45.1

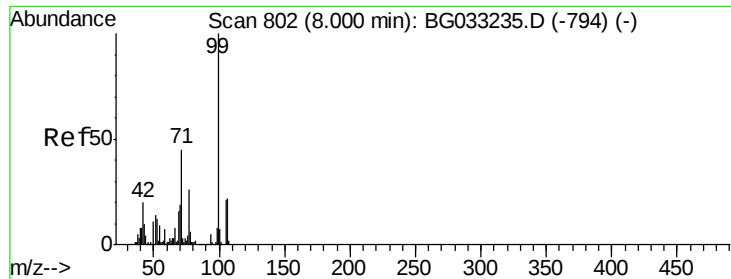


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.254 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-S

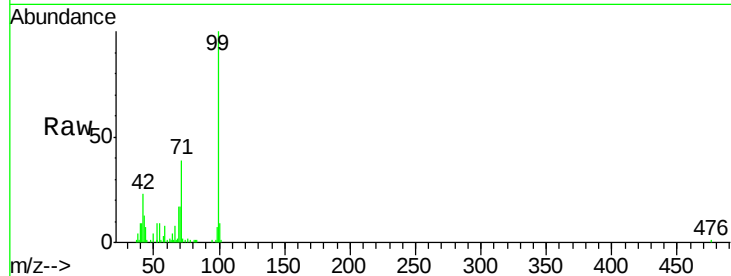
Tot Ion: 99 Resp: 70739

Ion Ratio Lower Upper

99 100

42 22.8 14.1 21.1#

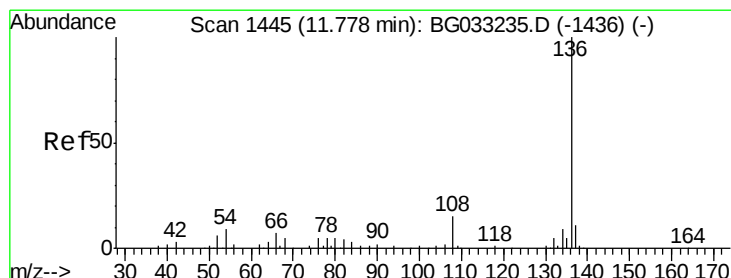
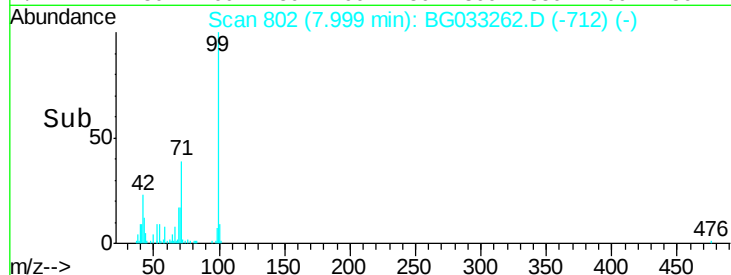
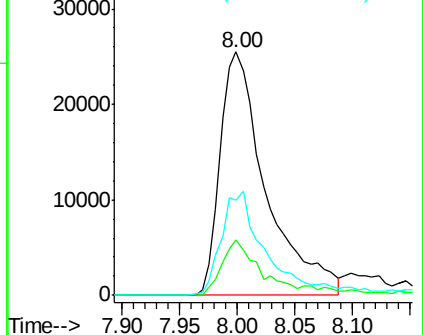
71 38.8 26.1 39.1



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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Tgt Ion: 136 Resp: 167235

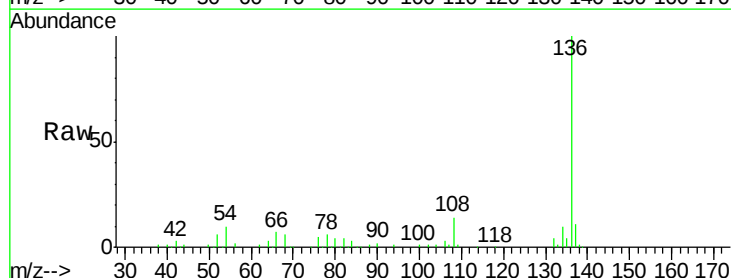
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 10.3 10.3 15.5#

68 6.3 4.5 6.7

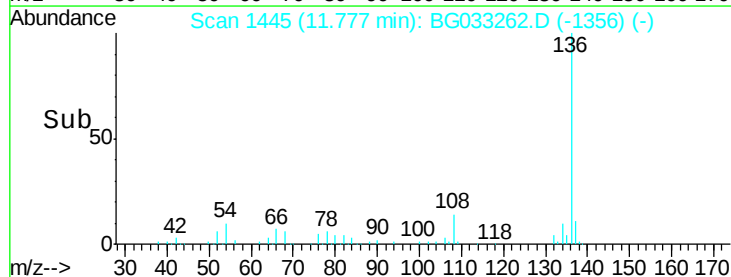
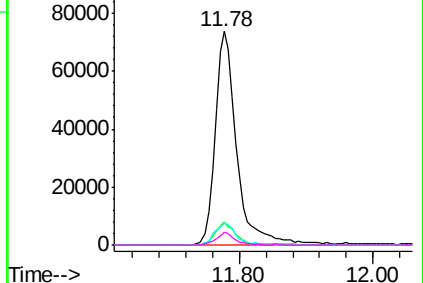


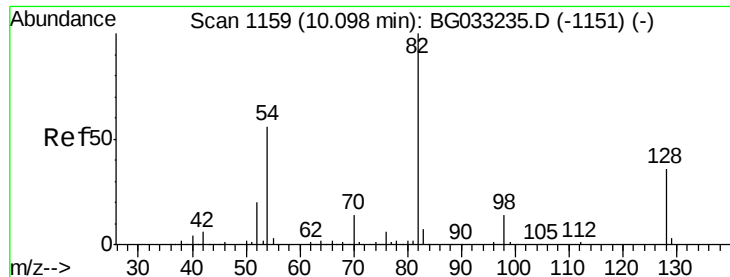
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 87.807 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-S

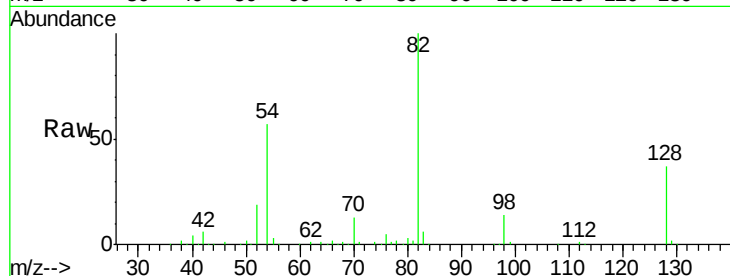
Tot Ion: 82 Resp: 319614

Ion Ratio Lower Upper

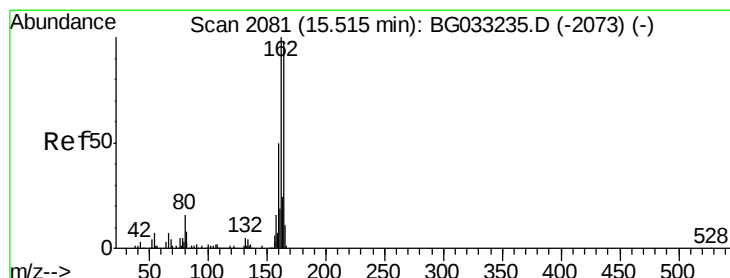
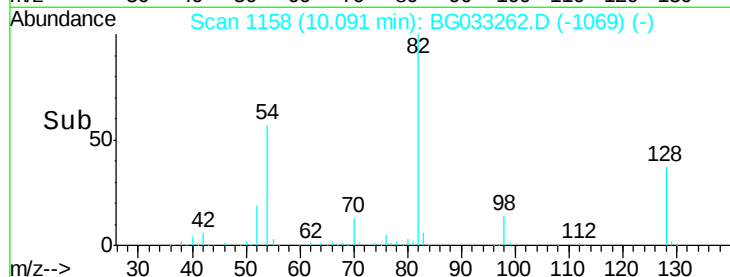
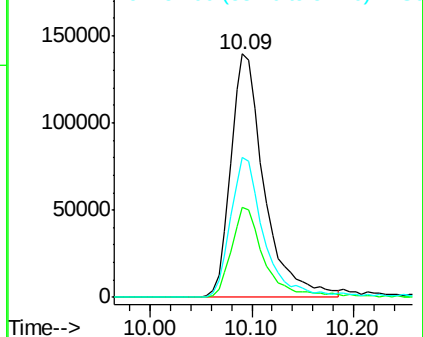
82 100

128 37.2 29.7 44.5

54 57.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG033262.D

Acq: 20 Mar 2018 5:08

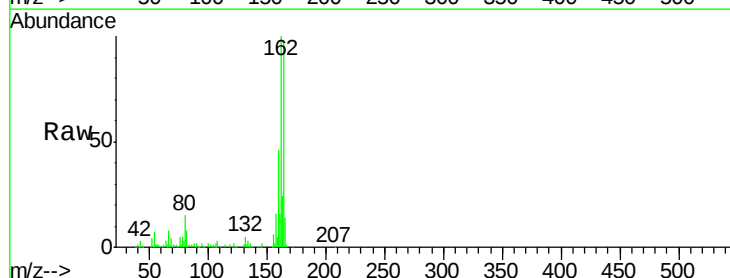
Tgt Ion:164 Resp: 126915

Ion Ratio Lower Upper

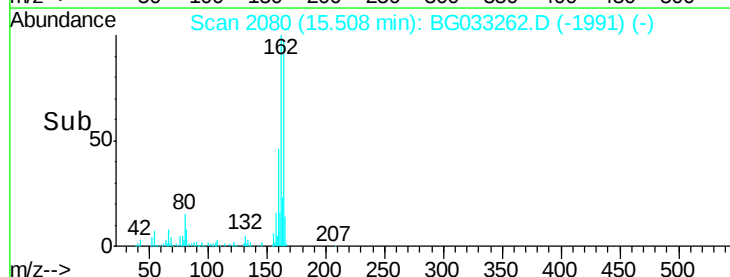
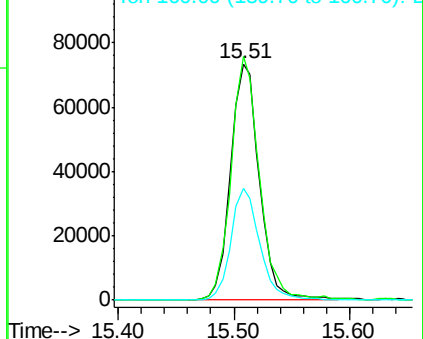
164 100

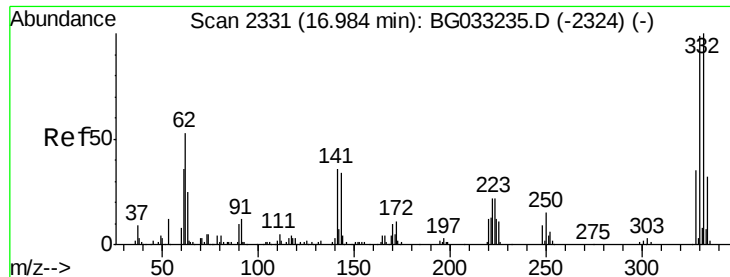
162 103.1 78.8 118.2

160 47.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

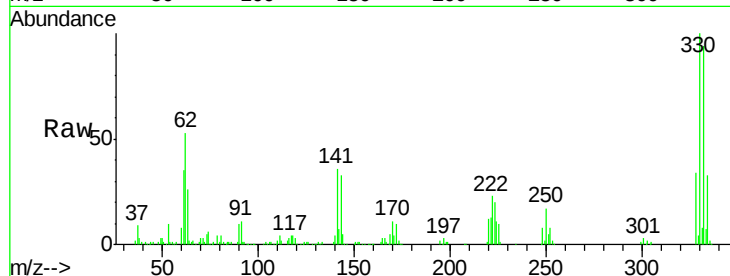




#41
 2,4,6-Tribromophenol
 Concen: 98.420 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033262.D
 Acq: 20 Mar 2018 5:08

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.3	25.2	37.8

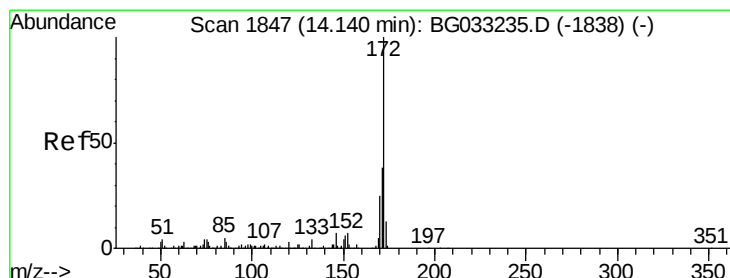
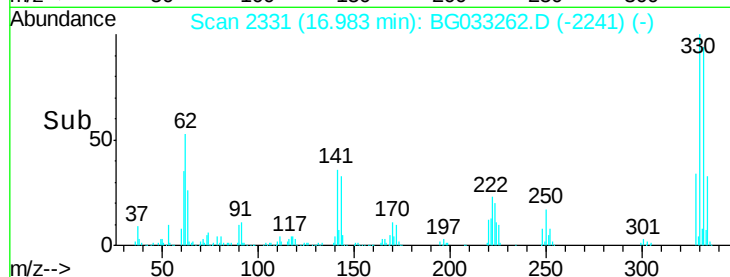
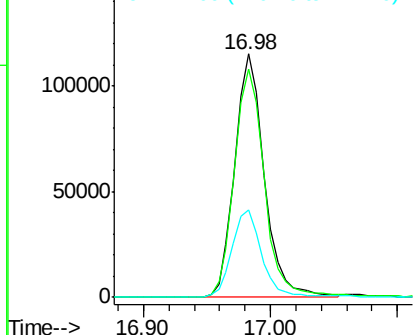


Abundance

Ion 329.80 (329.50 to 330.50): E

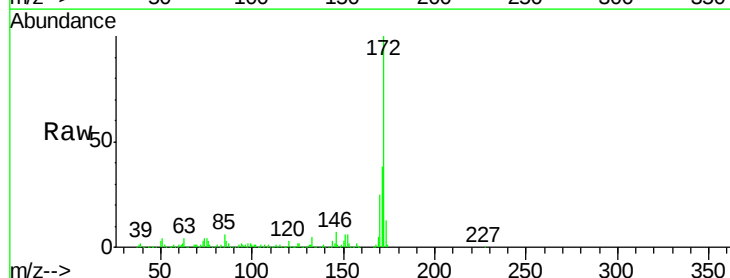
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.944 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033262.D
 Acq: 20 Mar 2018 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.4	19.5	29.3

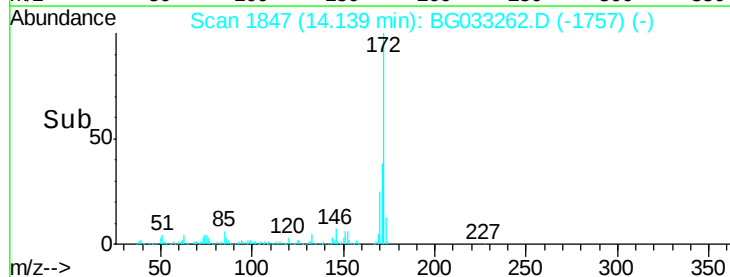
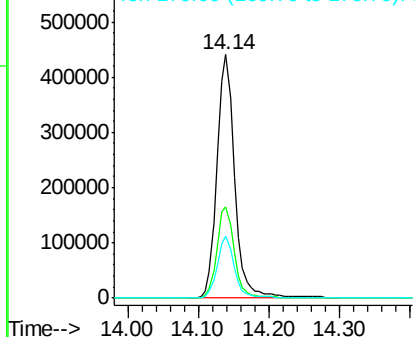


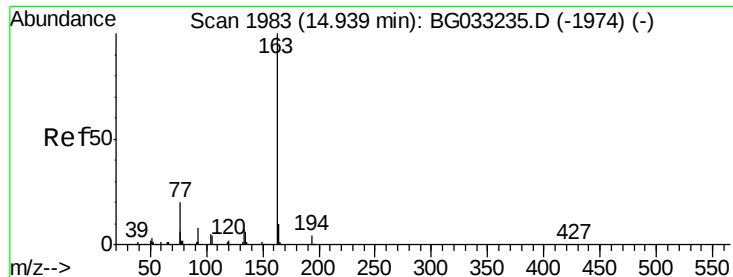
Abundance

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: 3.997 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-S

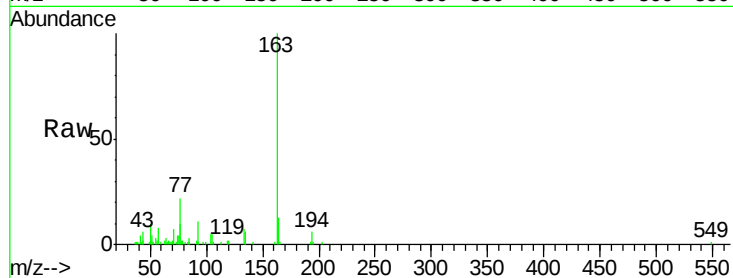
Tot Ion:163 Resp: 44147

Ion Ratio Lower Upper

163 100

194 5.8 3.4 5.2#

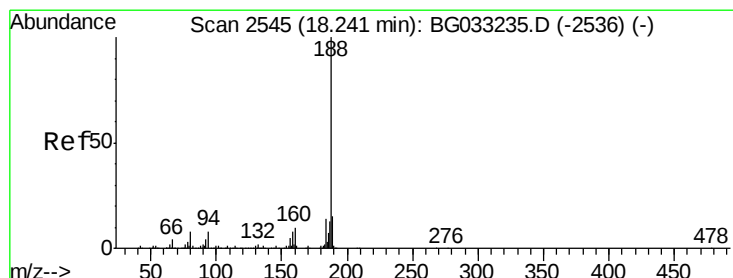
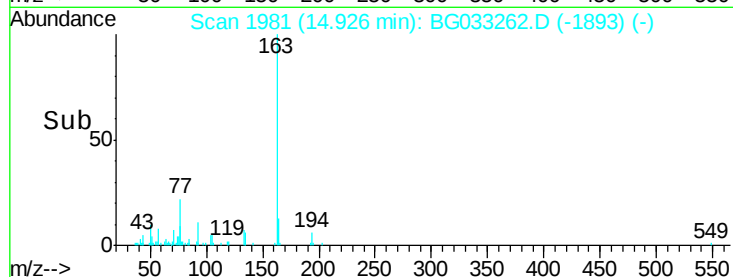
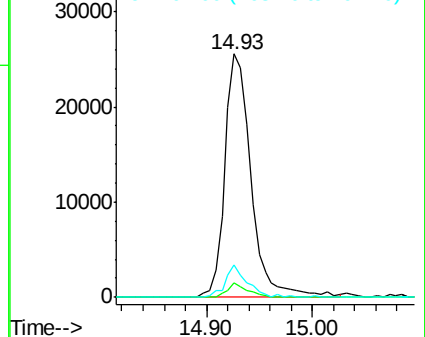
164 13.3 8.2 12.4#



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: BG033262.D

Acq: 20 Mar 2018 5:08

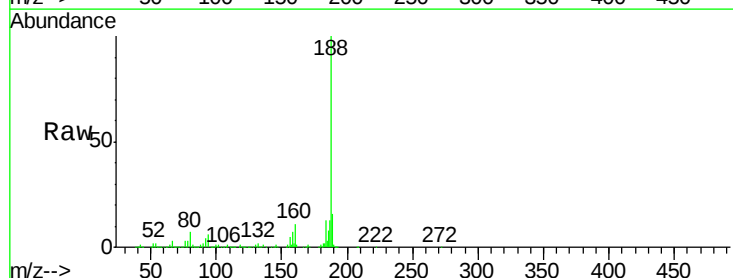
Tgt Ion:188 Resp: 346141

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

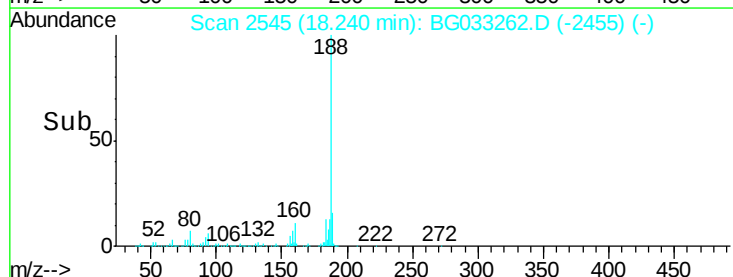
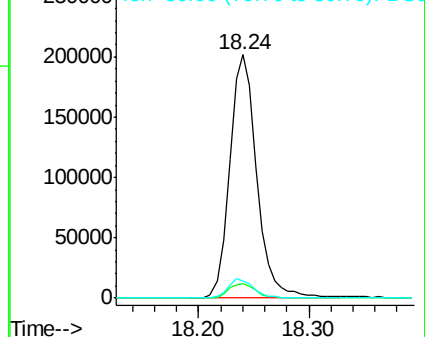
80 7.3 7.7 11.5#

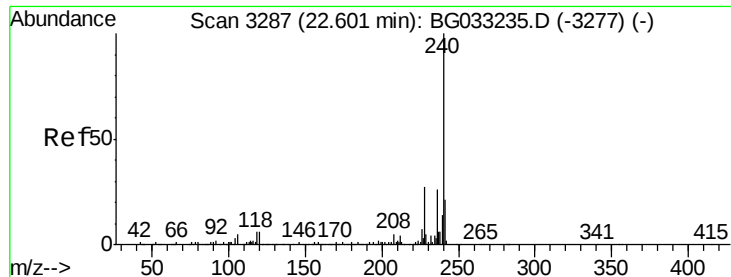


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

031518-JETT-F-D-S

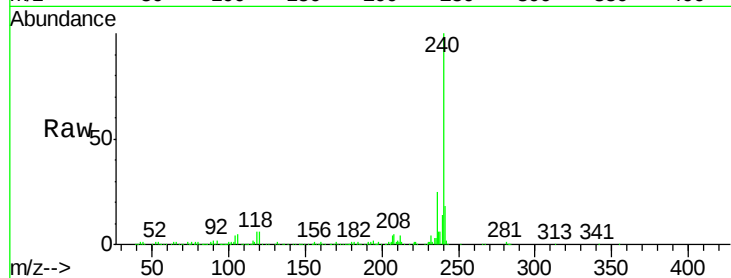
Tot Ion:240 Resp: 360147

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

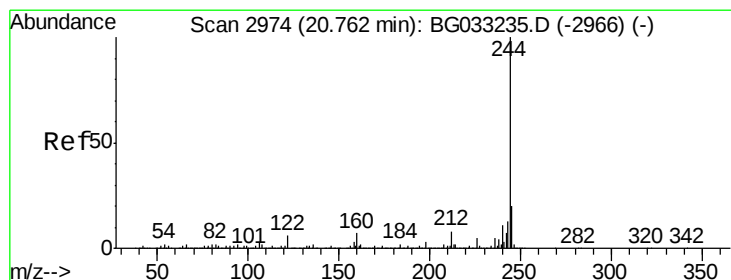
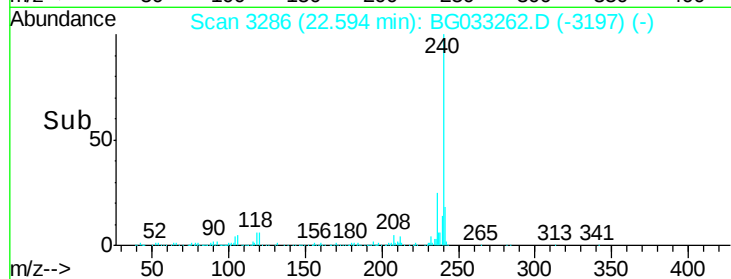
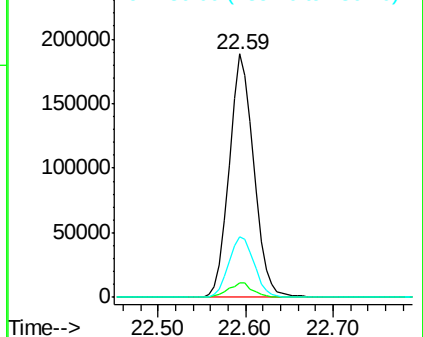
236 24.7 20.9 31.3



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: 88.870 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033262.D

Acq: 20 Mar 2018 5:08

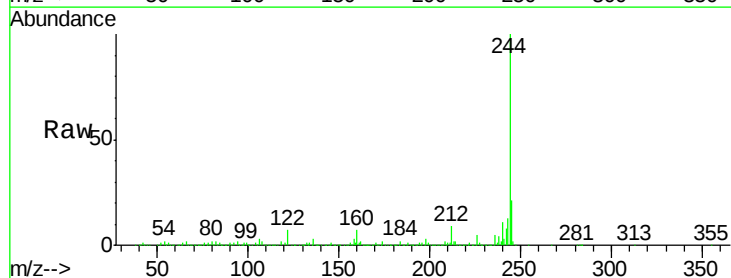
Tgt Ion:244 Resp: 1496597

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

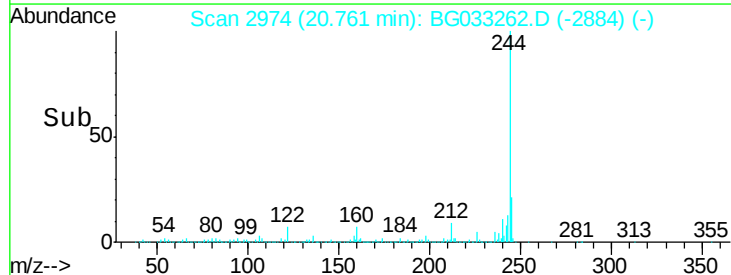
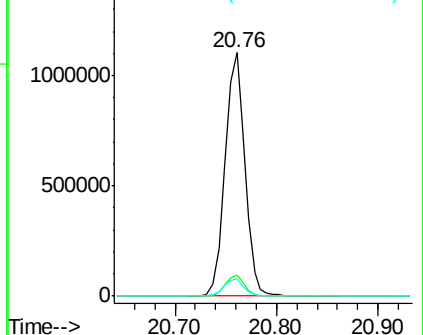
122 6.8 7.0 10.4#

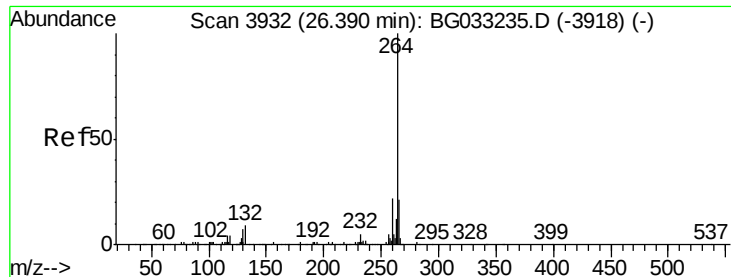


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BG033262.D
Acq: 20 Mar 2018 5:08

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	20.9	17.7	26.5

