

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033317.D
 Acq On : 23 Mar 2018 9:43
 Operator : SJ/JU
 Sample : J1978-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031718-JETT-F-D-M

Quant Time: Mar 23 10:50:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	32064	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	144992	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	118063	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	330626	20.00	ng	0.00
75) Chrysene-d12	22.60	240	317071	20.00	ng	0.00
86) Perylene-d12	26.39	264	322319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	80607	47.14	ng	0.00
7) Phenol-d6	7.99	99	81319	27.68	ng	0.00
23) Nitrobenzene-d5	10.09	82	322172	102.09	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	172325	97.59	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	806049	98.56	ng	0.00
78) Terphenyl-d14	20.76	244	1442368	97.29	ng	0.00

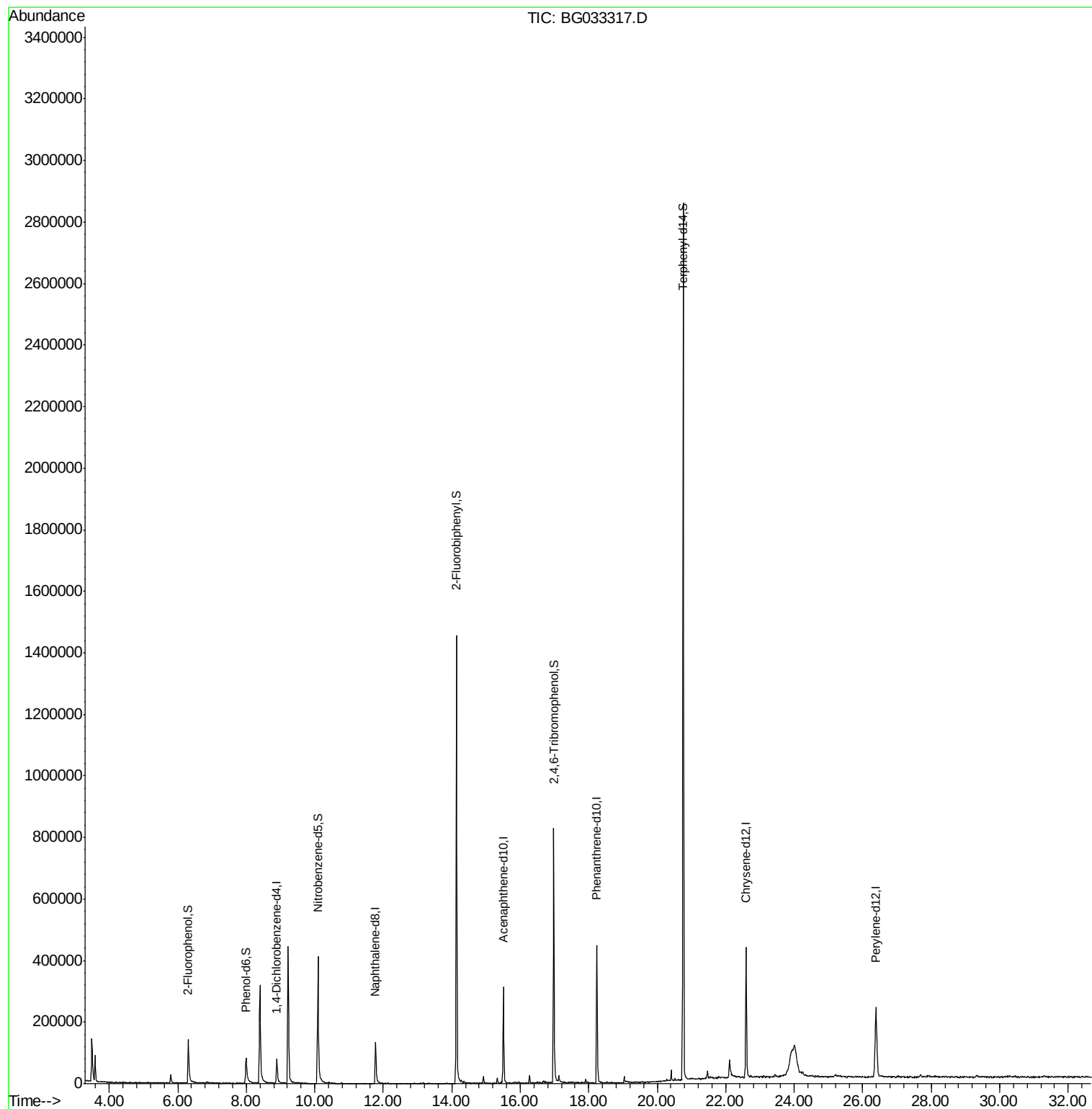
Target Compounds Qvalue

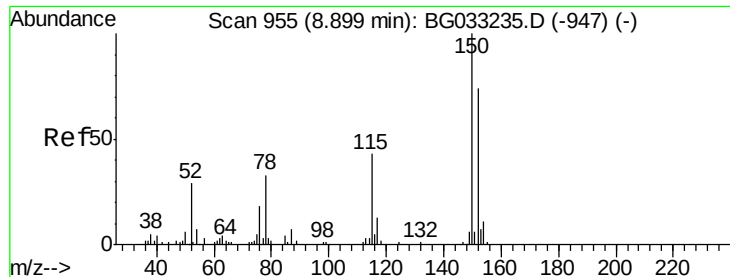
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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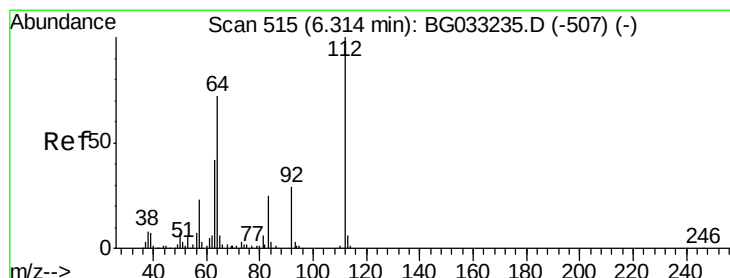
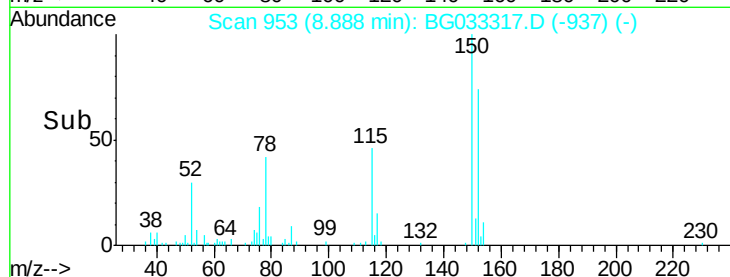
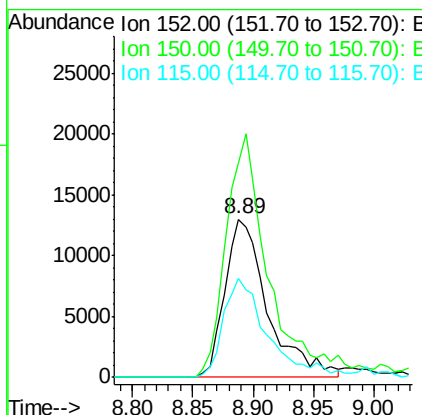
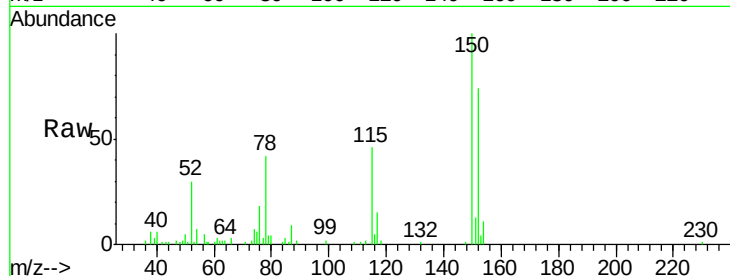


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033317.D
Acq: 23 Mar 2018 9:43

Instrument :
BNA_G
ClientSampleId :
031718-JETT-F-D-M

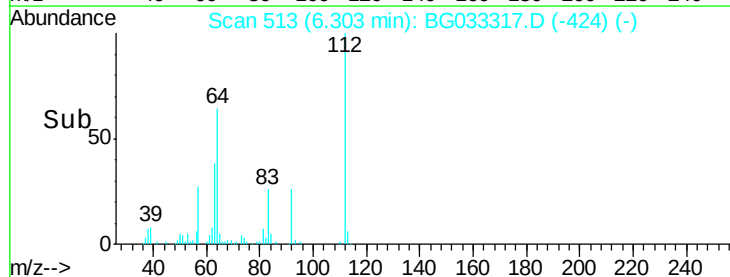
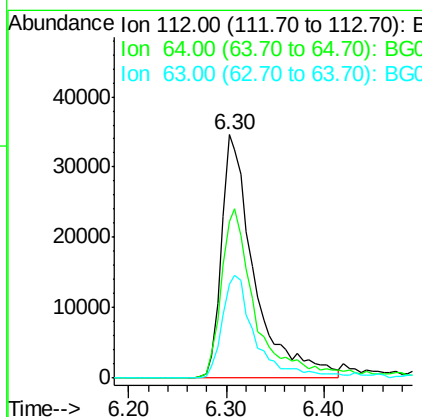
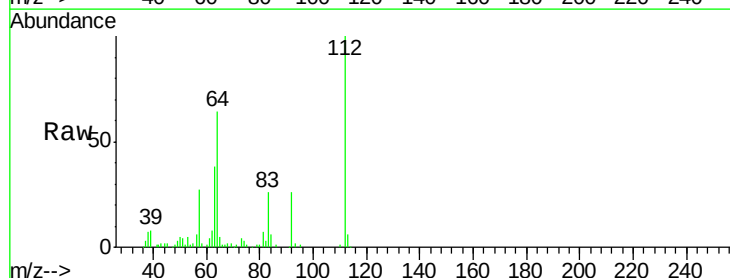
Tot Ion	152	Resp	32064
Ion Ratio	Lower	Upper	
152	100		
150	135.3	126.6	189.8
115	62.3	53.0	79.4

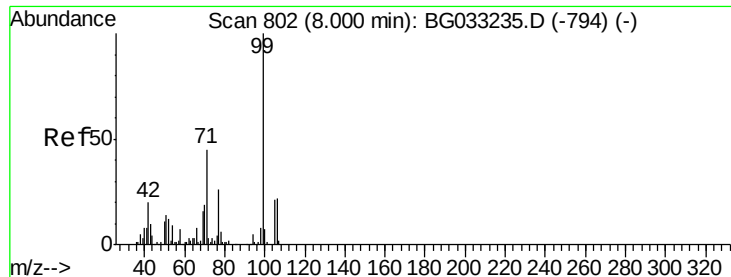


#5

2-Fluorophenol
Concen: 47.139 ng
RT: 6.30 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033317.D
Acq: 23 Mar 2018 9:43

Tgt Ion	112	Resp	80607
Ion Ratio	Lower	Upper	
112	100		
64	64.3	56.3	84.5
63	38.5	30.1	45.1





#7

Phenol-d6

Concen: 27.678 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-M

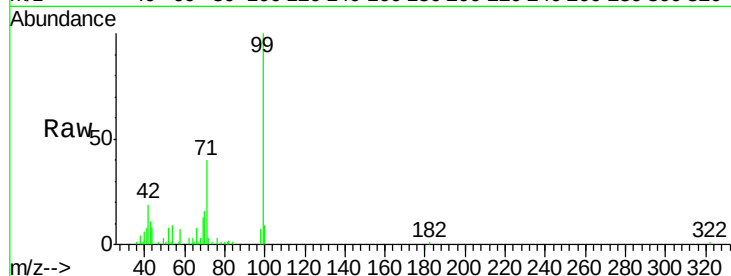
Tot Ion: 99 Resp: 81319

Ion Ratio Lower Upper

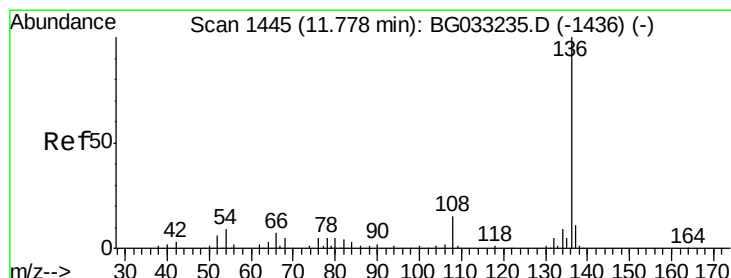
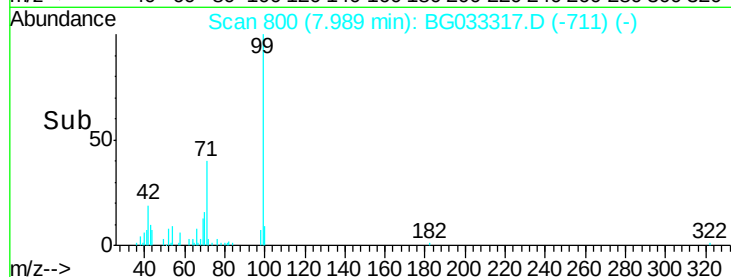
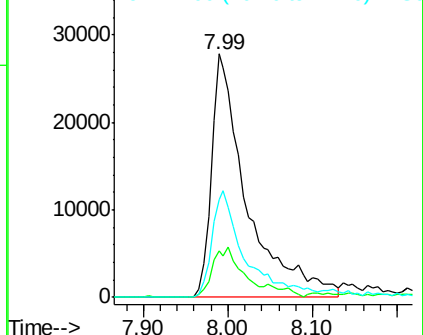
99 100

42 18.9 14.1 21.1

71 40.1 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: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

Tgt Ion: 136 Resp: 144992

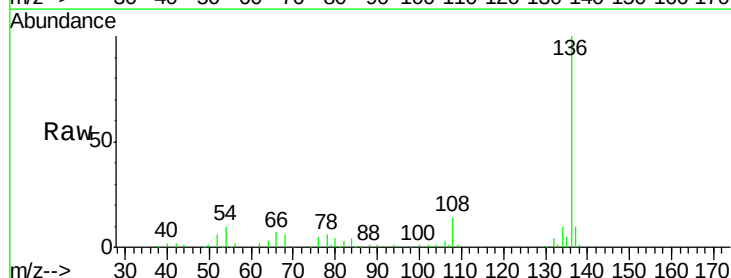
Ion Ratio Lower Upper

136 100

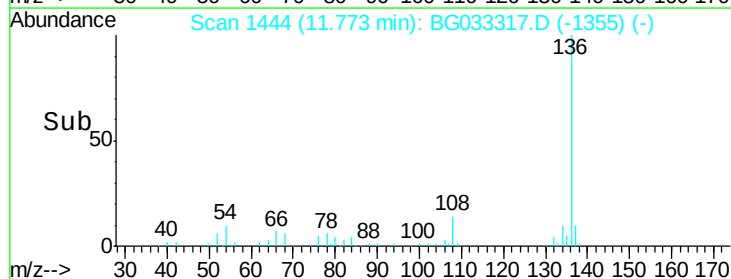
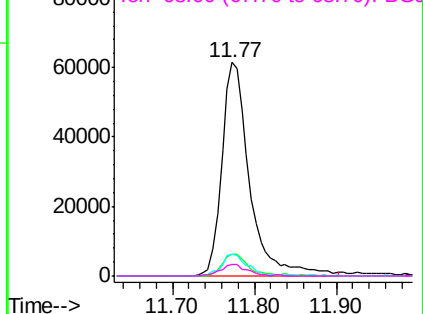
137 10.0 9.2 13.8

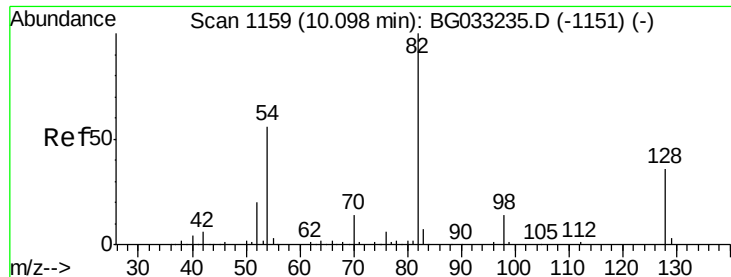
54 10.3 10.3 15.5

68 5.7 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: 102.088 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-M

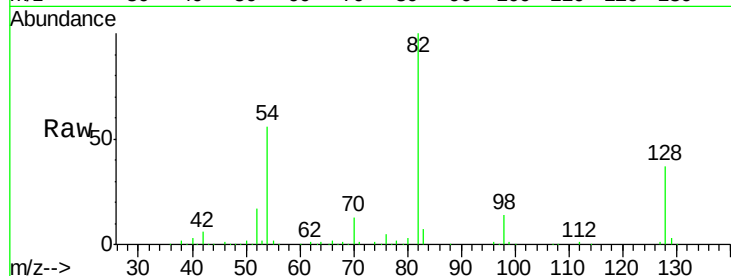
Tot Ion: 82 Resp: 322172

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

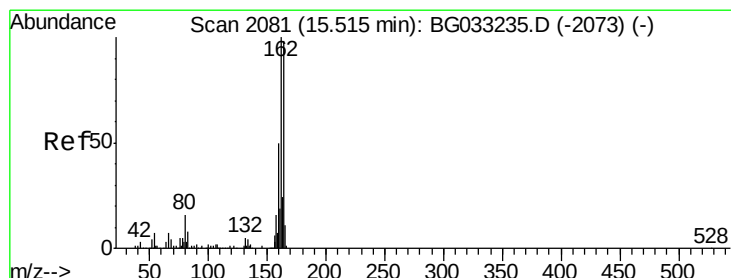
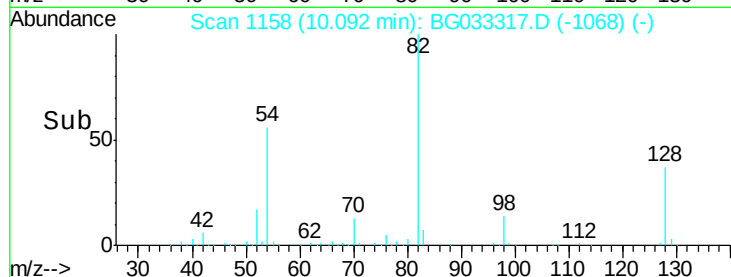
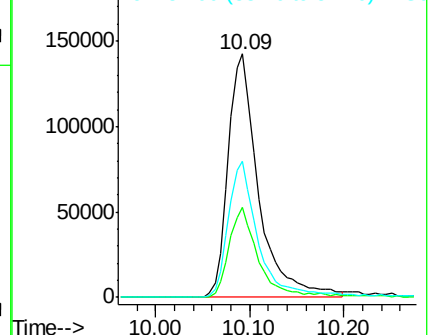
54 55.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BG033317.D (-1068) (-)

Ion 128.00 (127.70 to 128.70): BG033317.D (-1068) (-)

Ion 54.00 (53.70 to 54.70): BG033317.D (-1068) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

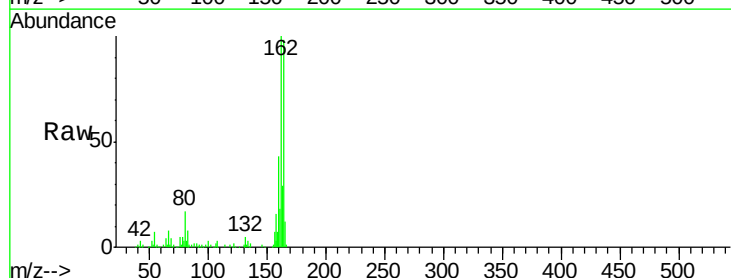
Tgt Ion: 164 Resp: 118063

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

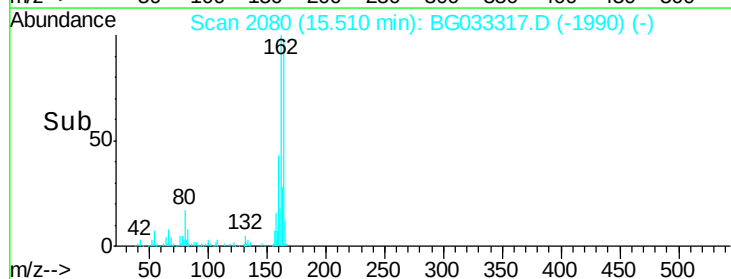
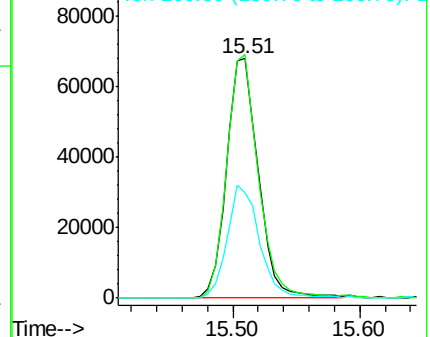
160 43.8 35.4 53.0

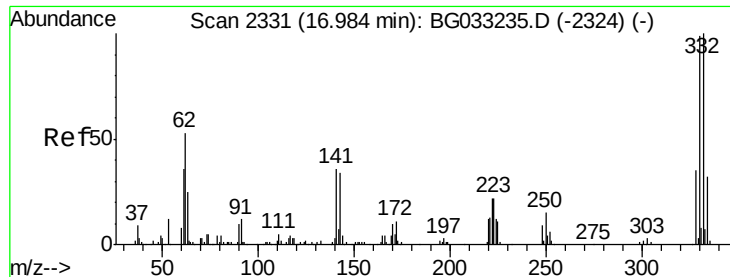


Abundance Ion 164.00 (163.70 to 164.70): BG033317.D (-1990) (-)

Ion 162.00 (161.70 to 162.70): BG033317.D (-1990) (-)

Ion 160.00 (159.70 to 160.70): BG033317.D (-1990) (-)

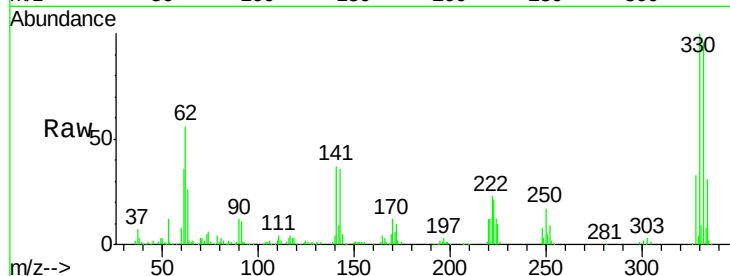




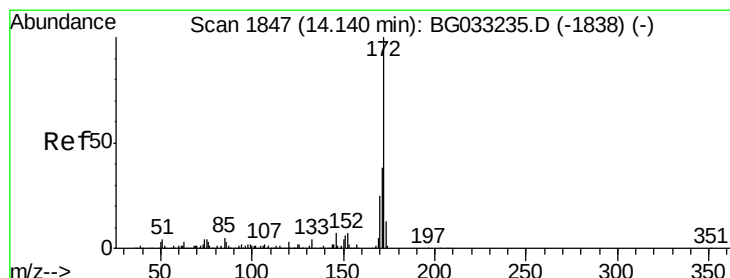
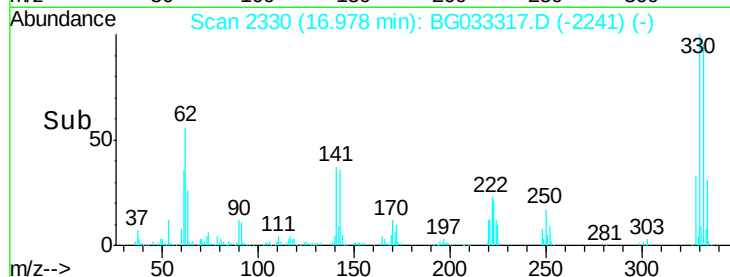
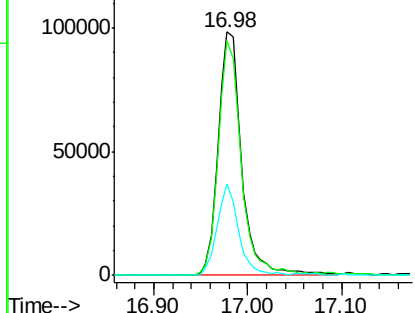
#41
 2,4,6-Tribromophenol
 Concen: 97.592 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033317.D
 Acq: 23 Mar 2018 9:43

Instrument :
 BNA_G
 ClientSampleId :
 031718-JETT-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	34.9	25.2	37.8

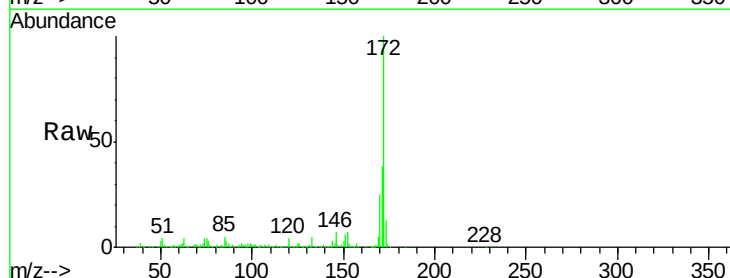


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

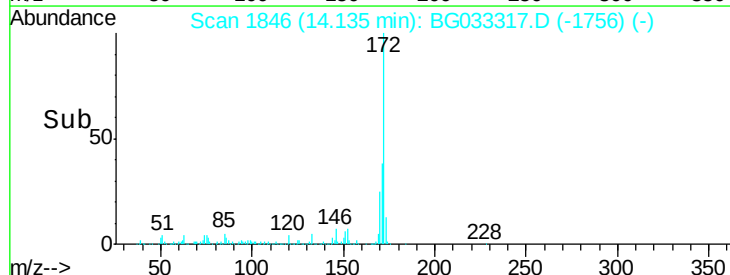
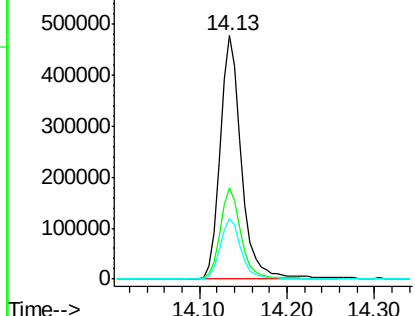


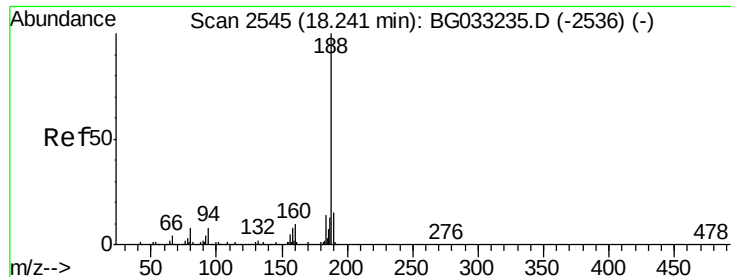
#44
 2-Fluorobiphenyl
 Concen: 98.561 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033317.D
 Acq: 23 Mar 2018 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-M

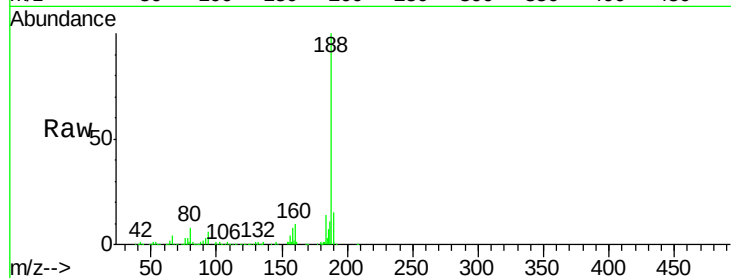
Tot Ion:188 Resp: 330626

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

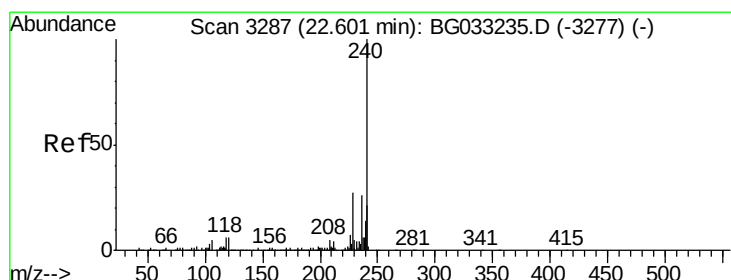
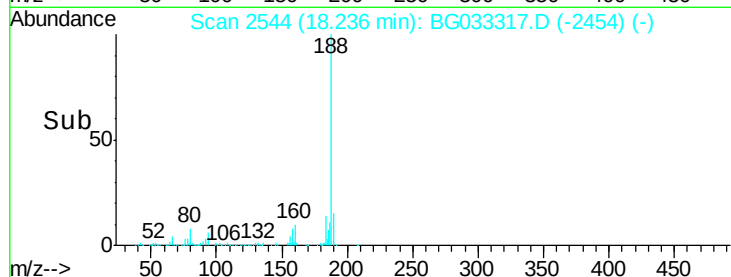
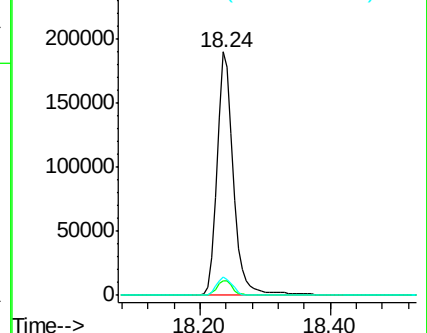
80 7.6 7.7 11.5#



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: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033317.D

Acq: 23 Mar 2018 9:43

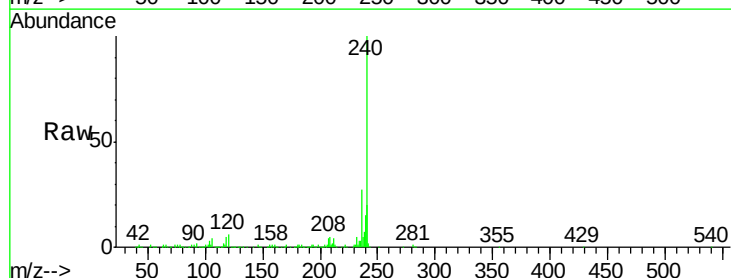
Tgt Ion:240 Resp: 317071

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

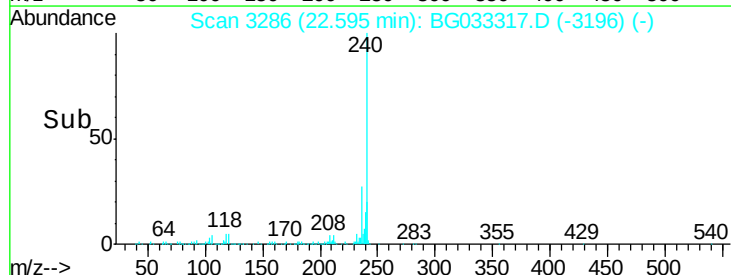
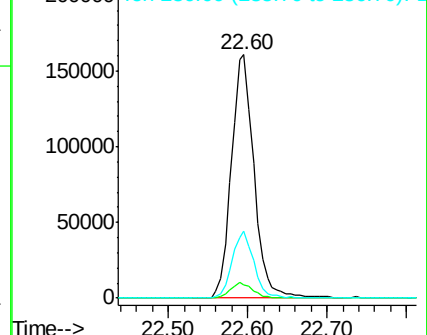
236 27.5 20.9 31.3

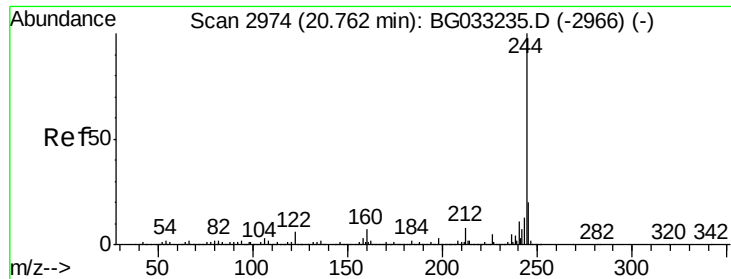


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

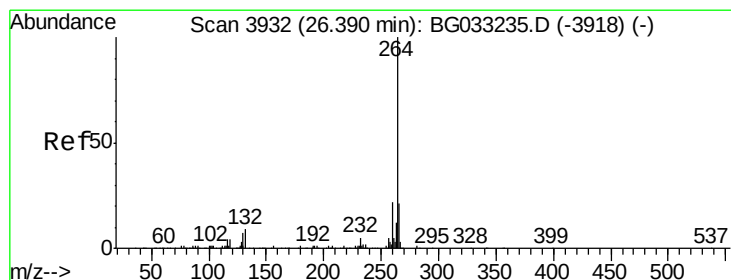
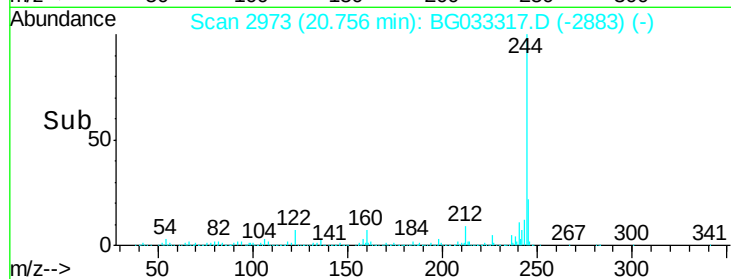
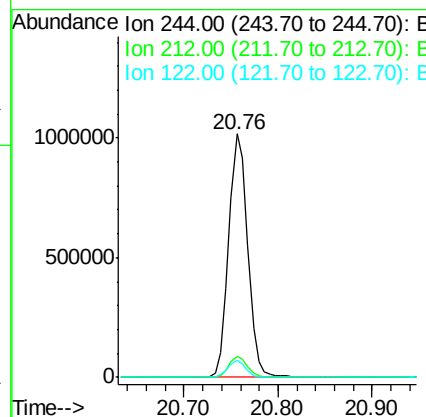
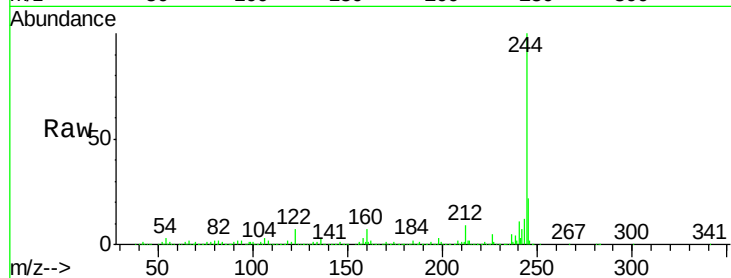




#78
 Terphenyl-d14
 Concen: 97.286 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.00 min
 Lab File: BG033317.D
 Acq: 23 Mar 2018 9:43

Instrument :
 BNA_G
 ClientSampleId :
 031718-JETT-F-D-M

Tot Ion:244 Resp: 1442368
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 6.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3931
 Delta R.T. -0.00 min
 Lab File: BG033317.D
 Acq: 23 Mar 2018 9:43

Tgt Ion:264 Resp: 322319
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 22.9 17.7 26.5

