

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033316.D
 Acq On : 23 Mar 2018 9:05
 Operator : SJ/JU
 Sample : J1978-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 23 10:49:07 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	8.90	152	34285	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155612	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	127961	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	344608	20.00	ng	0.00
75) Chrysene-d12	22.60	240	338138	20.00	ng	0.00
86) Perylene-d12	26.39	264	347711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	96693	52.88	ng	0.00
7) Phenol-d6	8.00	99	99510	31.68	ng	0.00
23) Nitrobenzene-d5	10.10	82	368721	108.86	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	200509	104.77	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	904853	102.08	ng	0.00
78) Terphenyl-d14	20.76	244	1593872	100.81	ng	0.00

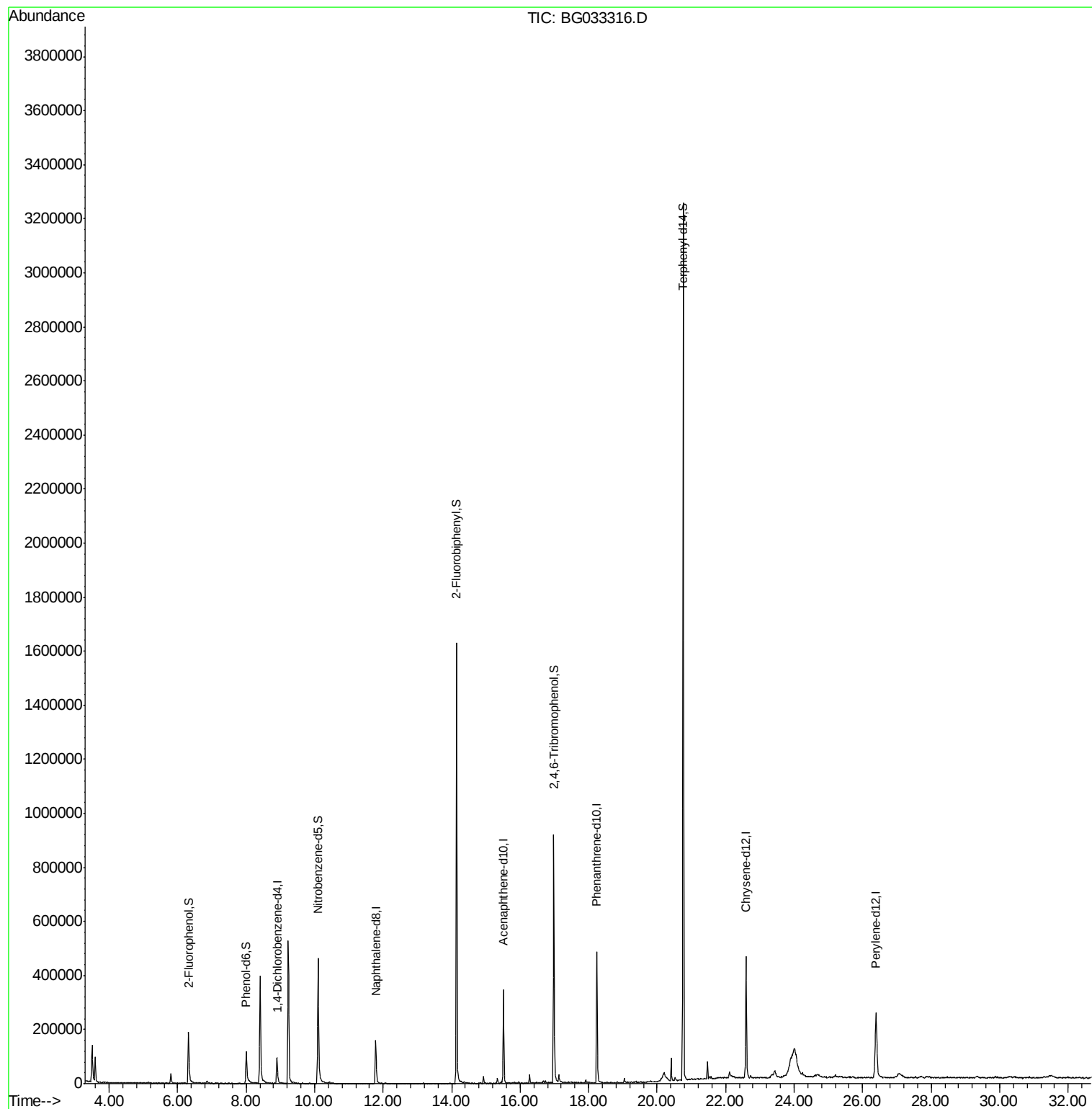
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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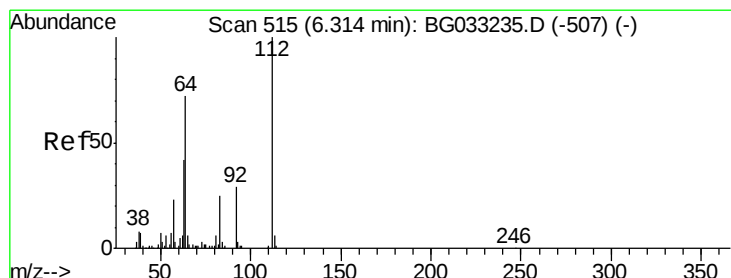
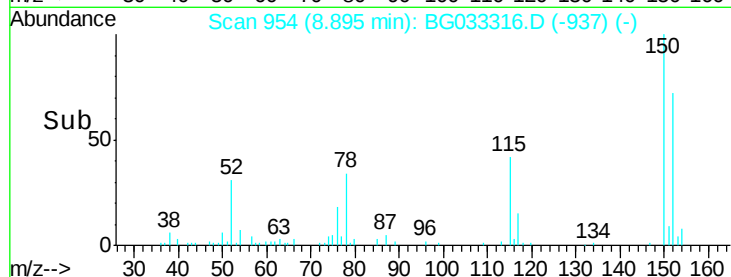
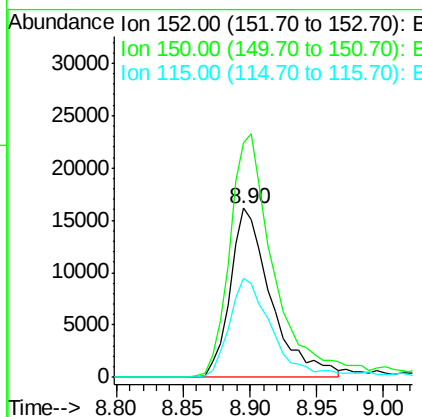
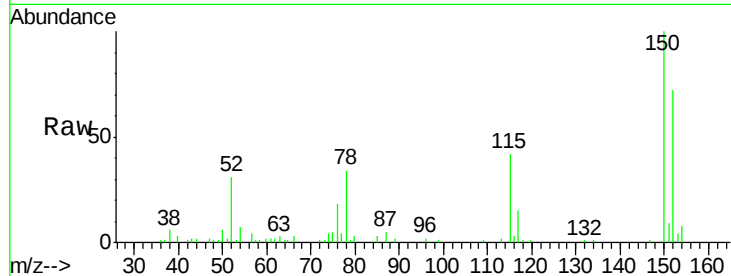


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033316.D
Acq: 23 Mar 2018 9:05

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

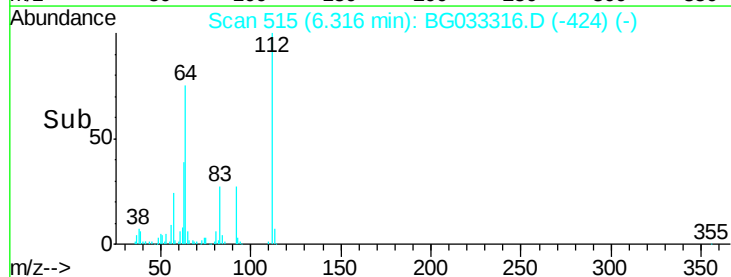
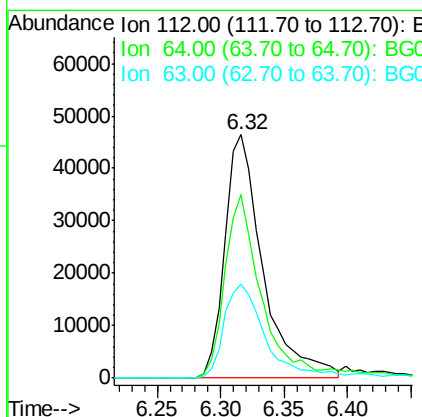
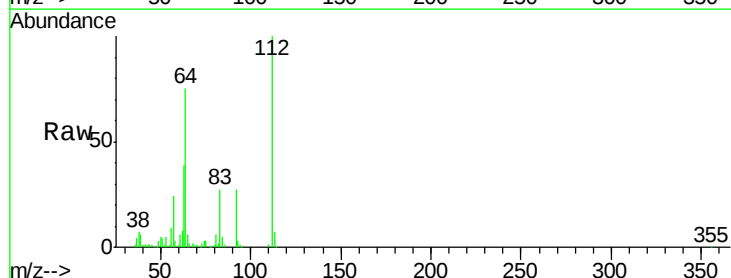
Tot Ion:152 Resp: 34285
Ion Ratio Lower Upper
152 100
150 138.9 126.6 189.8
115 58.2 53.0 79.4

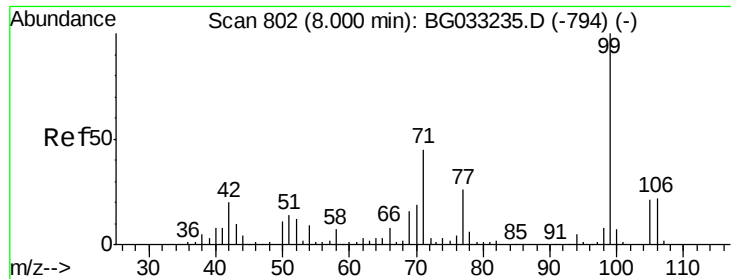


#5

2-Fluorophenol
Concen: 52.883 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033316.D
Acq: 23 Mar 2018 9:05

Tgt Ion:112 Resp: 96693
Ion Ratio Lower Upper
112 100
64 75.3 56.3 84.5
63 38.7 30.1 45.1





#7

Phenol-d6

Concen: 31.675 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-B

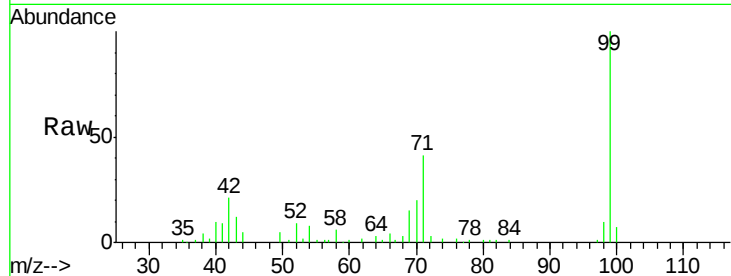
Tot Ion: 99 Resp: 99510

Ion Ratio Lower Upper

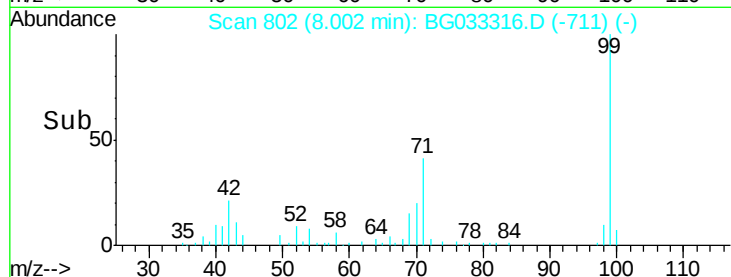
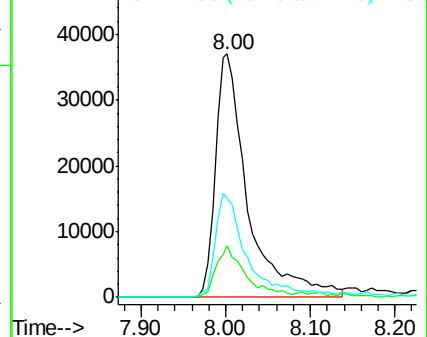
99 100

42 21.3 14.1 21.1#

71 40.9 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. -0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

Tgt Ion: 136 Resp: 155612

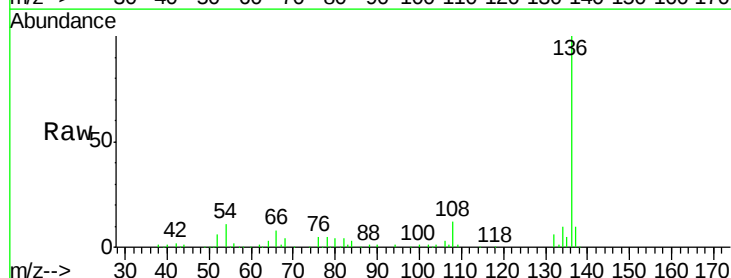
Ion Ratio Lower Upper

136 100

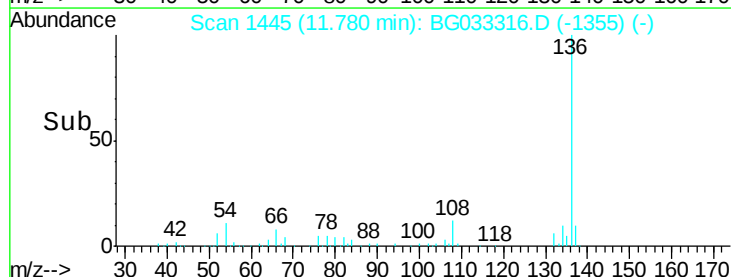
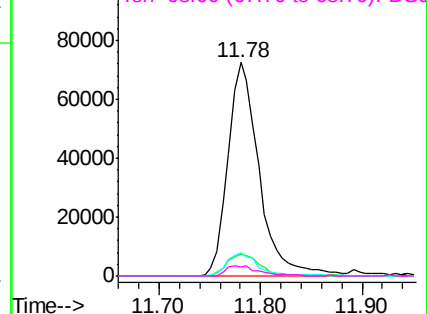
137 10.1 9.2 13.8

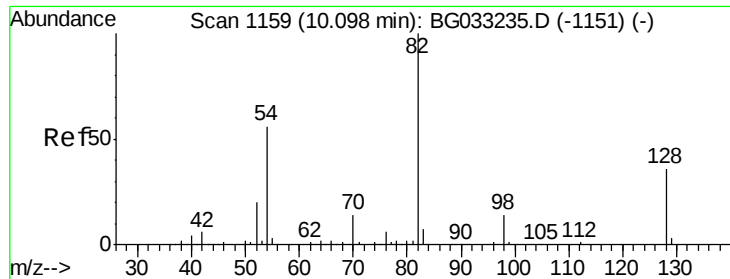
54 10.9 10.3 15.5

68 4.5 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

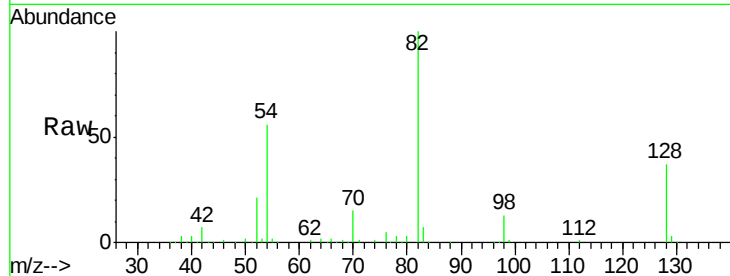




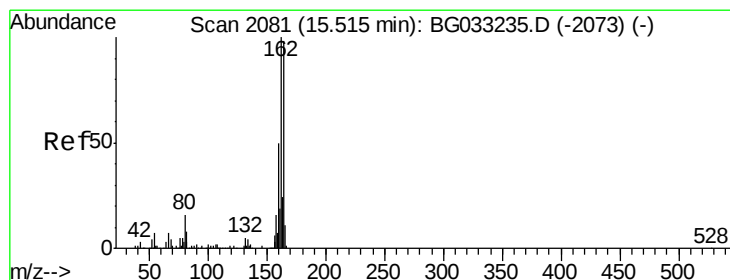
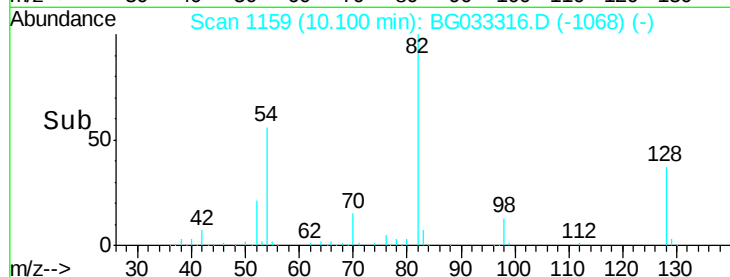
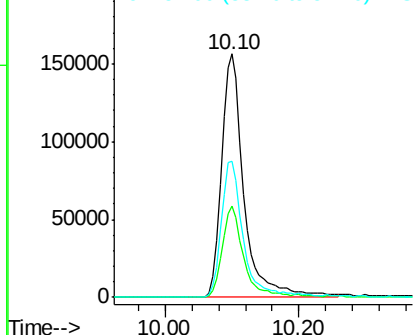
#23
Nitrobenzene-d5
Concen: 108.864 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG033316.D
Acq: 23 Mar 2018 9:05

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

Tot Ion: 82 Resp: 368721
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 55.7 43.1 64.7

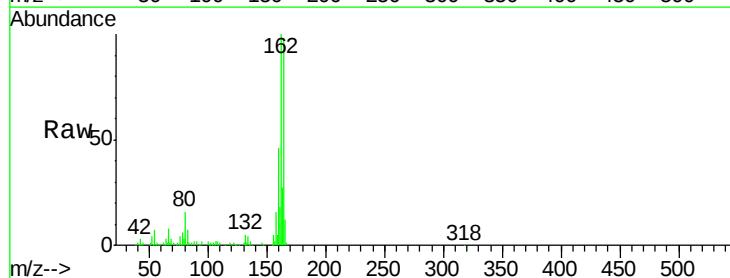


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

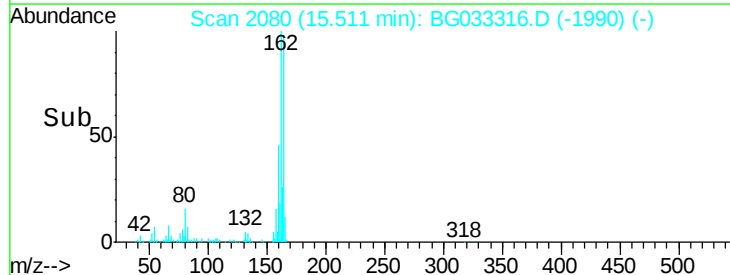
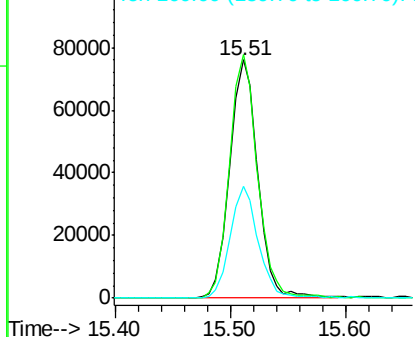


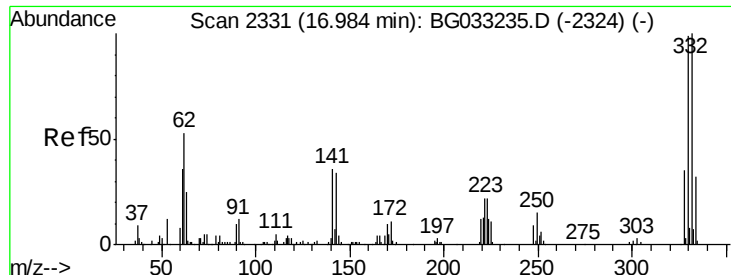
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033316.D
Acq: 23 Mar 2018 9:05

Tgt Ion:164 Resp: 127961
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 46.7 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

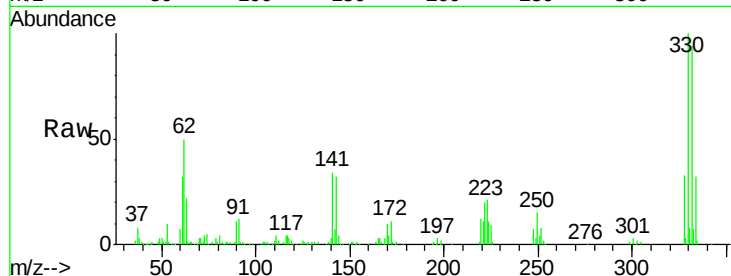




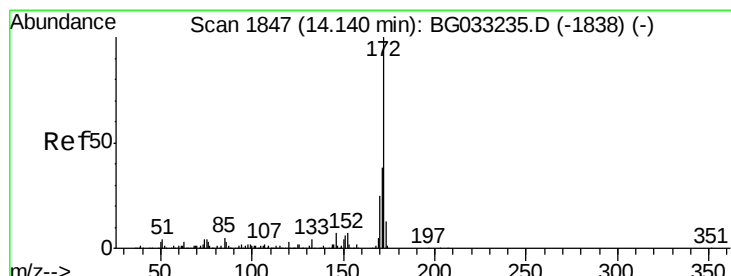
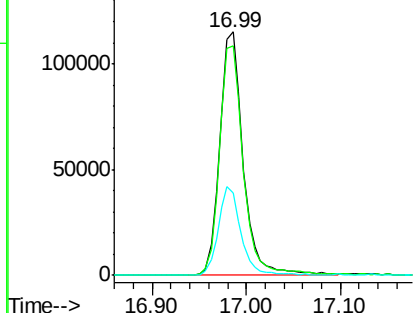
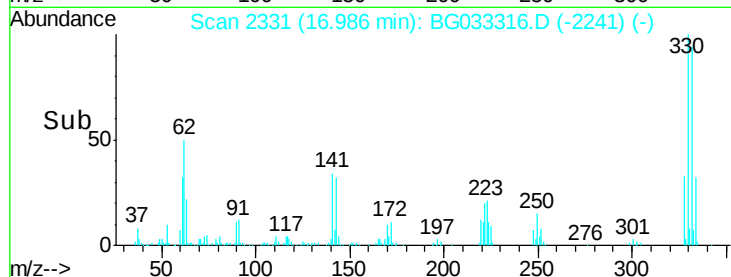
#41
 2,4,6-Tribromophenol
 Concen: 104.770 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033316.D
 Acq: 23 Mar 2018 9:05

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.3	25.2	37.8

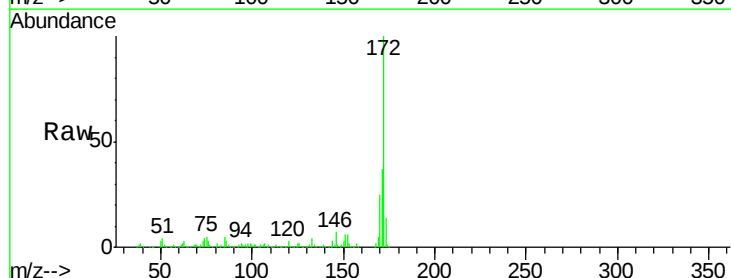


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

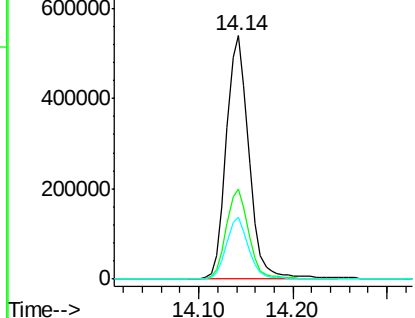
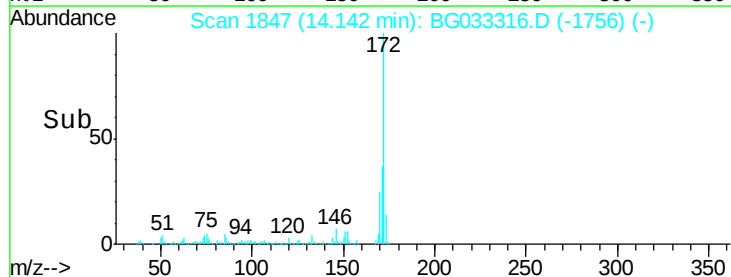


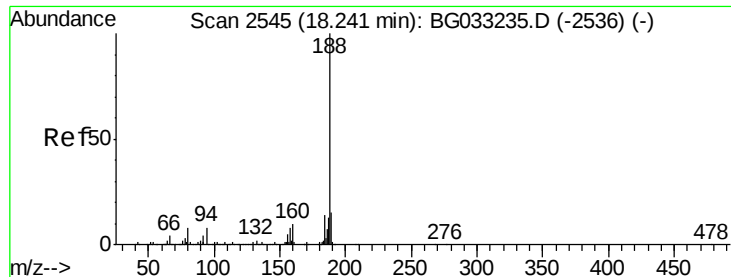
#44
 2-Fluorobiphenyl
 Concen: 102.084 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033316.D
 Acq: 23 Mar 2018 9:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-B

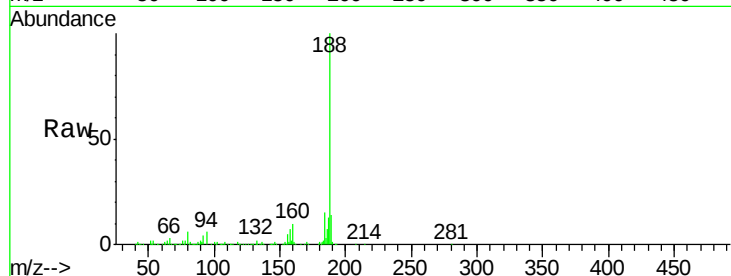
Tot Ion:188 Resp: 344608

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

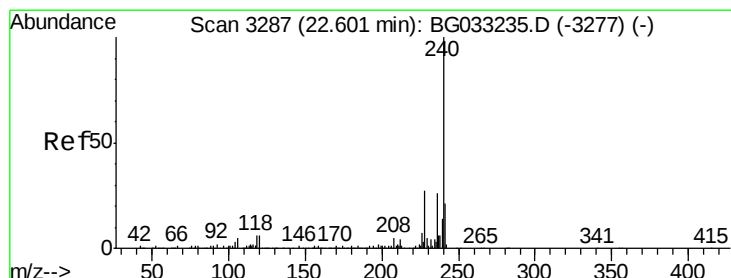
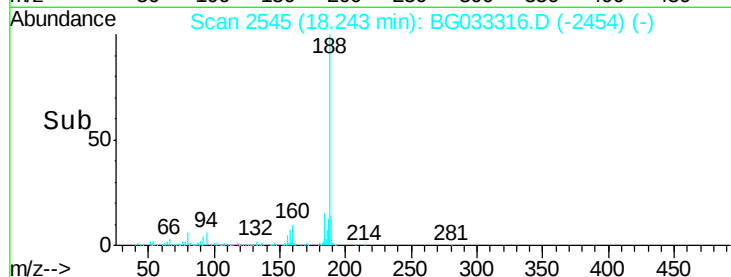
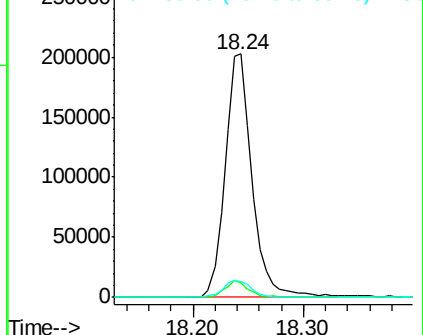
80 6.3 7.7 11.5#



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

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

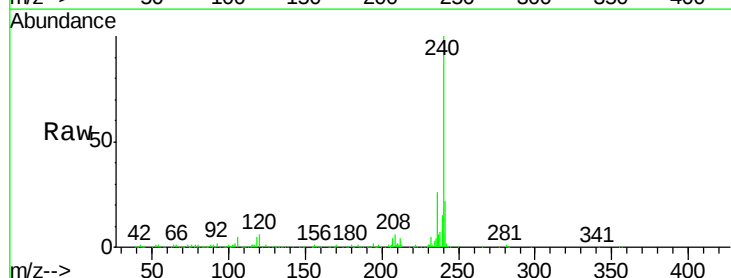
Tgt Ion:240 Resp: 338138

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

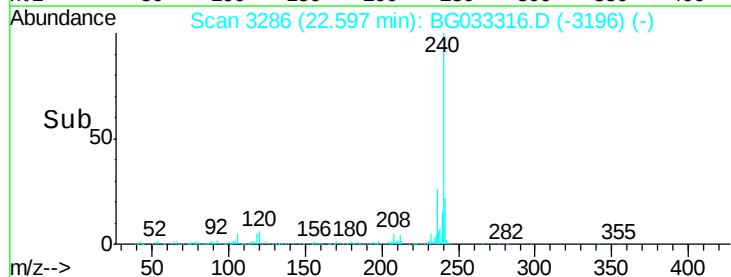
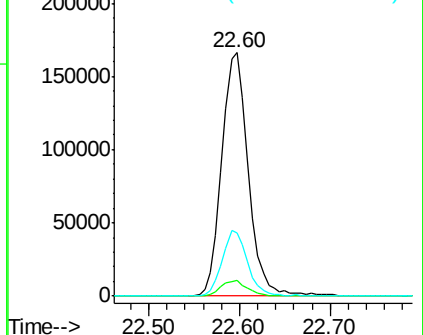
236 26.2 20.9 31.3

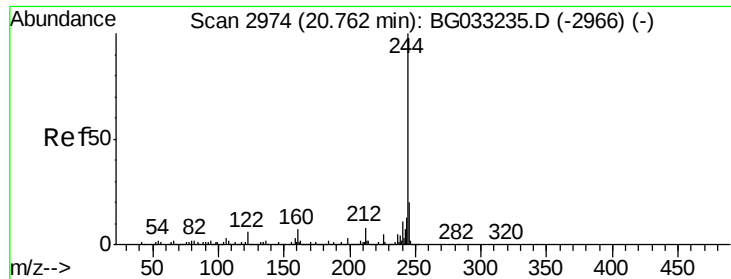


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.807 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

Instrument :

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ClientSampleId :

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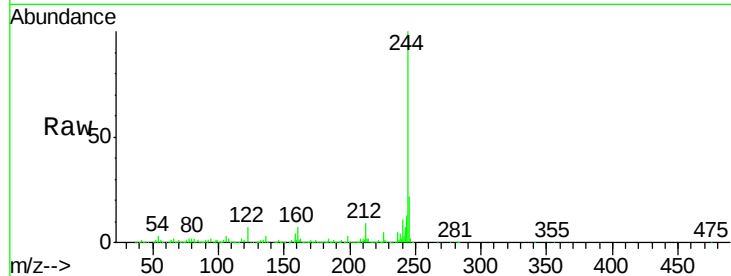
Tot Ion:244 Resp: 1593872

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

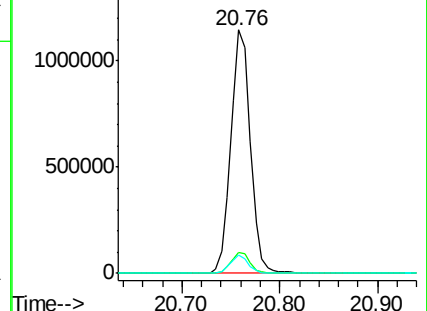
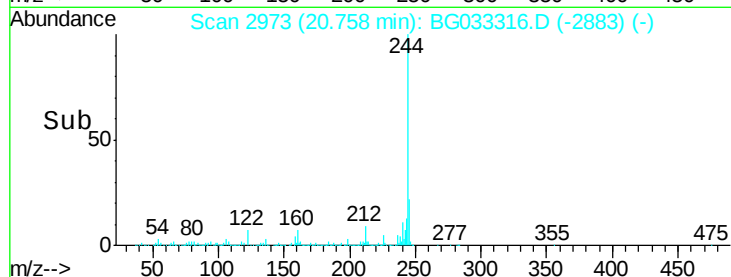
122 7.5 7.0 10.4



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: 26.39 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BG033316.D

Acq: 23 Mar 2018 9:05

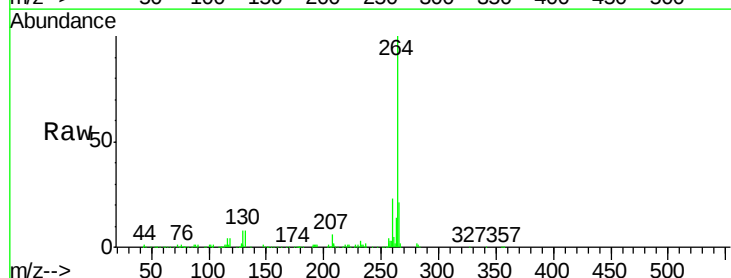
Tgt Ion:264 Resp: 347711

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.2 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

