

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033318.D
 Acq On : 23 Mar 2018 10:20
 Operator : SJ/JU
 Sample : J1978-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 23 11:10:07 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	8.89	152	36582	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	159633	20.00	ng	0.00
38) Acenaphthene-d10	15.50	164	134871	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	353015	20.00	ng	0.00
75) Chrysene-d12	22.59	240	345521	20.00	ng	0.00
86) Perylene-d12	26.38	264	353194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	90161	46.21	ng	0.00
7) Phenol-d6	7.99	99	87403	26.07	ng	0.00
23) Nitrobenzene-d5	10.09	82	380332	109.46	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	198453	98.38	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	932605	99.82	ng	0.00
78) Terphenyl-d14	20.76	244	1582129	97.93	ng	0.00

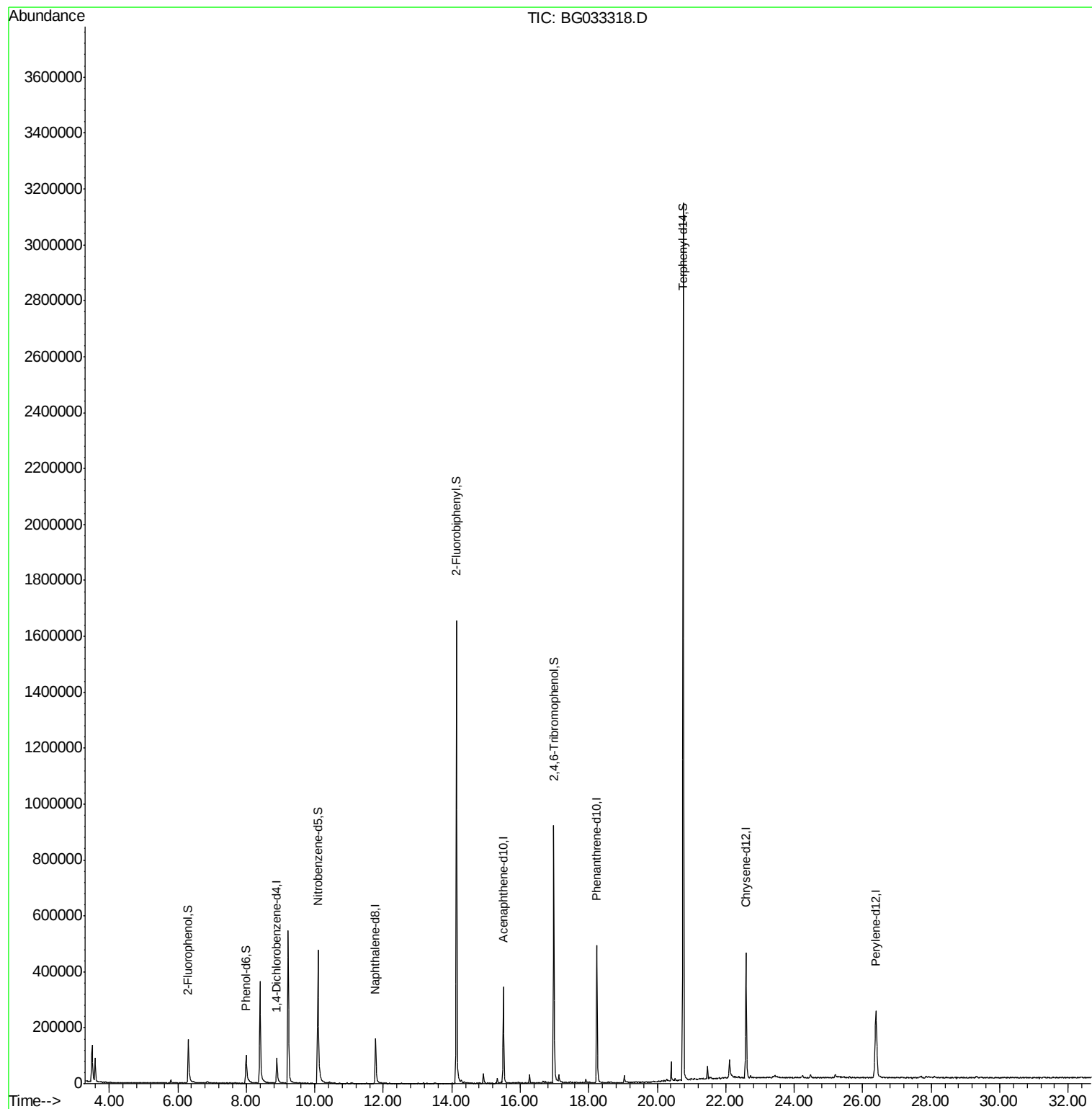
Target Compounds Qvalue

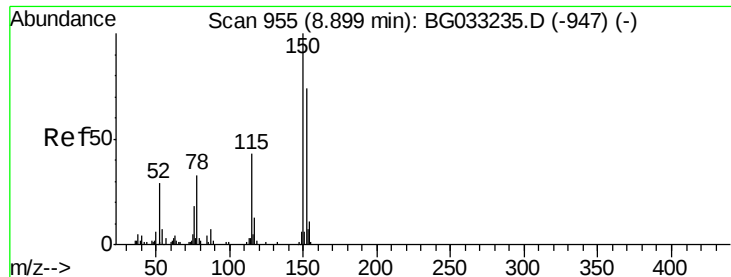
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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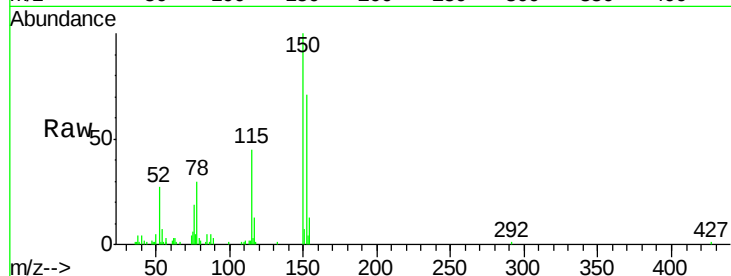


#1

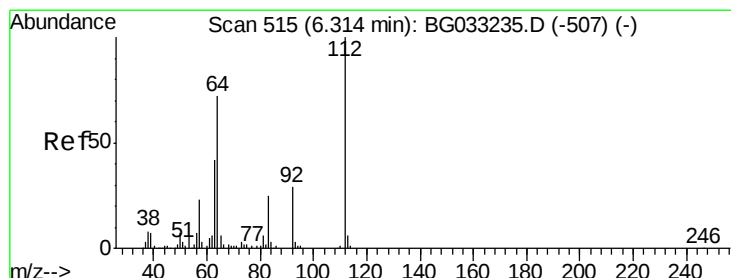
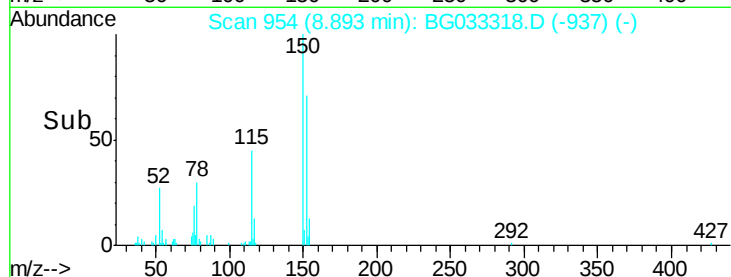
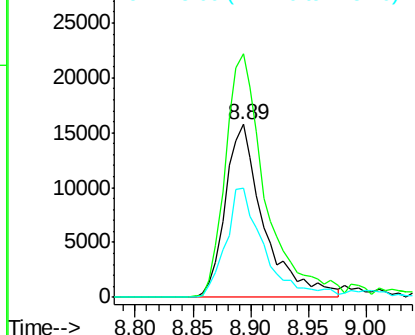
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033318.D
Acq: 23 Mar 2018 10:20

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

Tot Ion:152 Resp: 36582
Ion Ratio Lower Upper
152 100
150 140.7 126.6 189.8
115 63.2 53.0 79.4



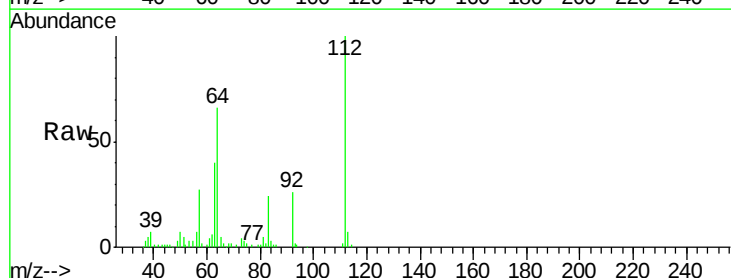
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



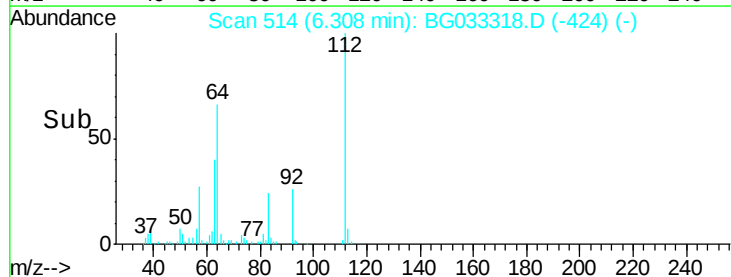
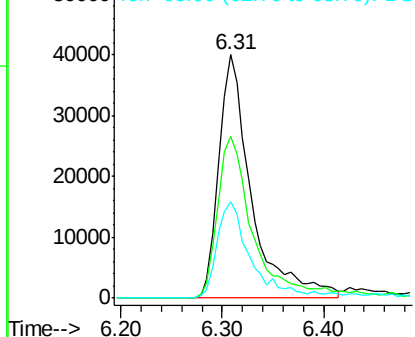
#5

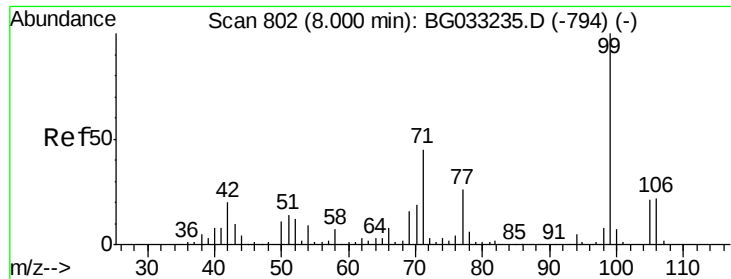
2-Fluorophenol
Concen: 46.215 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033318.D
Acq: 23 Mar 2018 10:20

Tgt Ion:112 Resp: 90161
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 39.6 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: 26.074 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-S

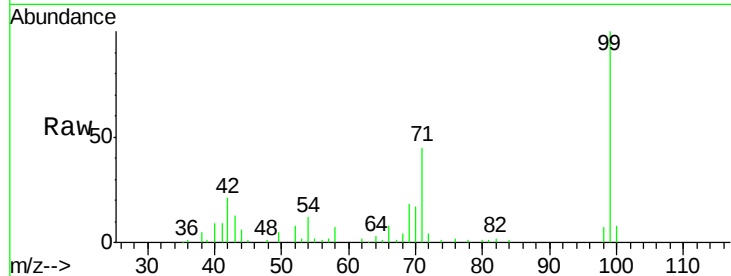
Tot Ion: 99 Resp: 87403

Ion Ratio Lower Upper

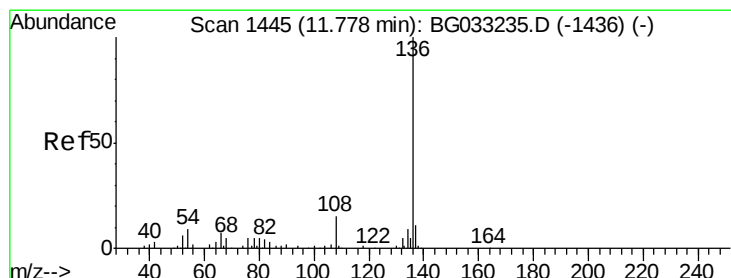
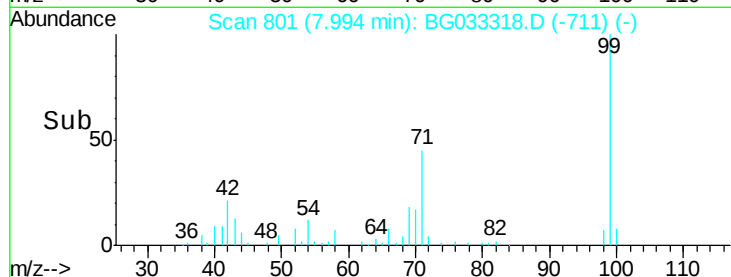
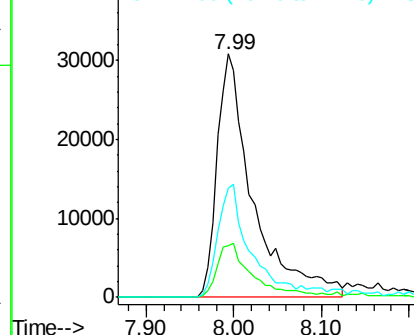
99 100

42 21.3 14.1 21.1#

71 45.1 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: BG033318.D

Acq: 23 Mar 2018 10:20

Tgt Ion: 136 Resp: 159633

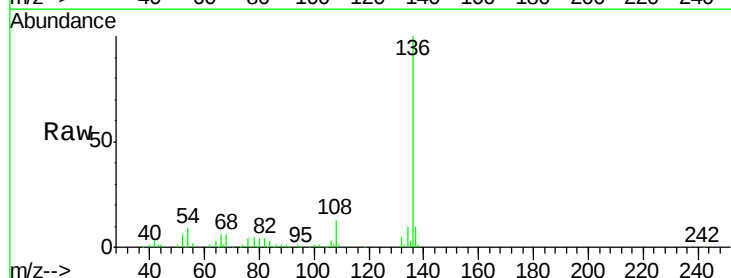
Ion Ratio Lower Upper

136 100

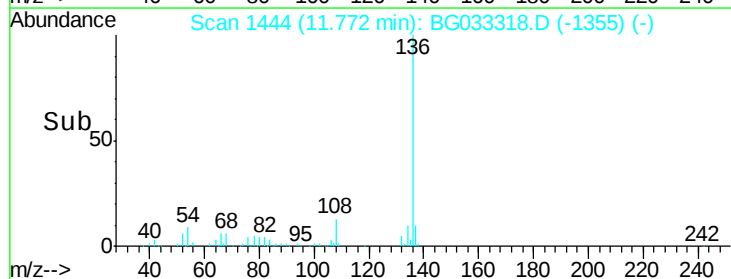
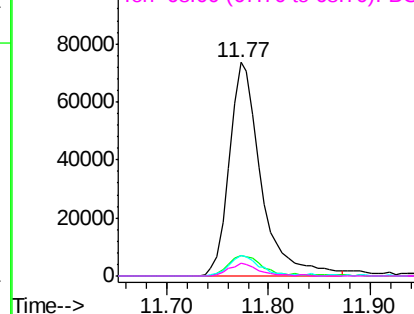
137 9.5 9.2 13.8

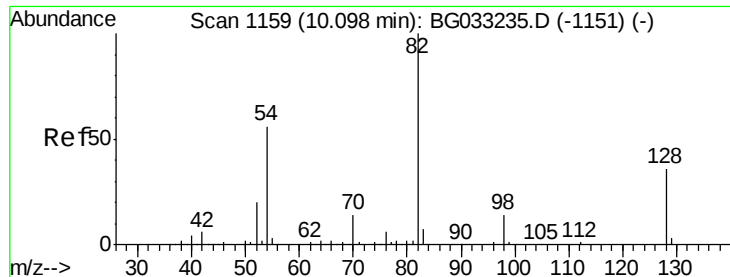
54 9.3 10.3 15.5#

68 5.8 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: 109.464 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-S

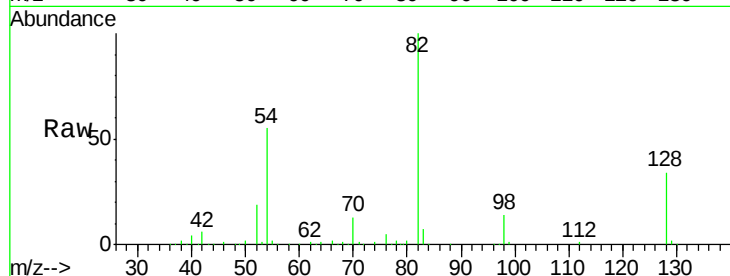
Tot Ion: 82 Resp: 380332

Ion Ratio Lower Upper

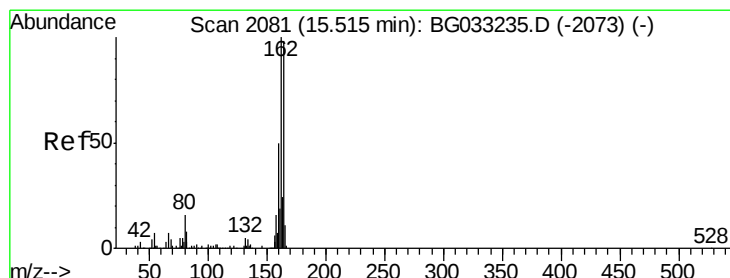
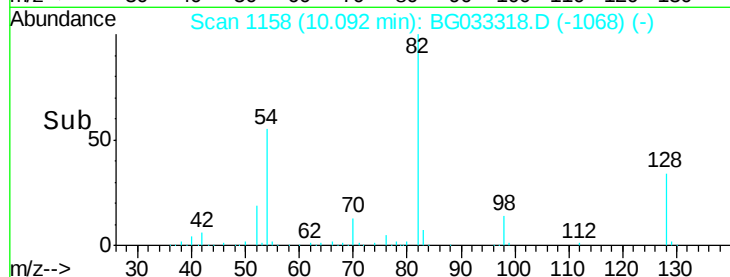
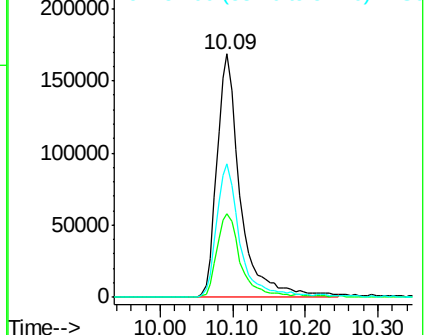
82 100

128 34.3 29.7 44.5

54 54.8 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: 15.50 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

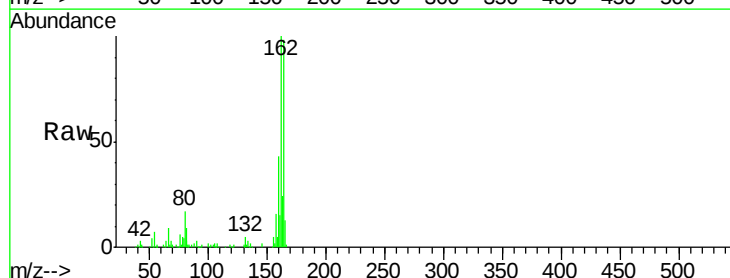
Tgt Ion:164 Resp: 134871

Ion Ratio Lower Upper

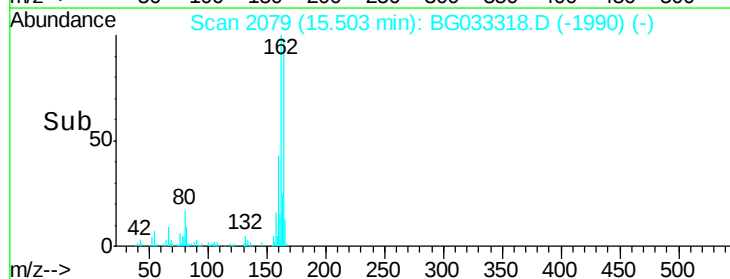
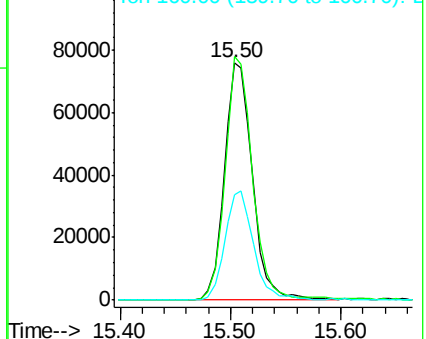
164 100

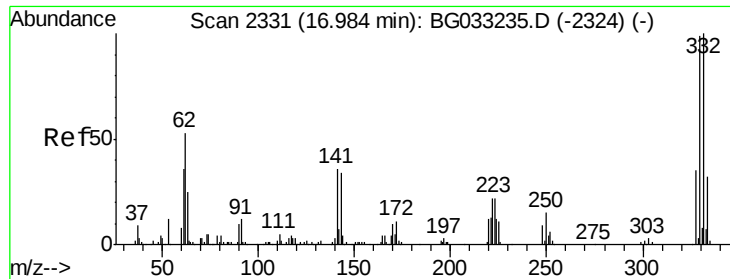
162 102.4 78.8 118.2

160 44.4 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

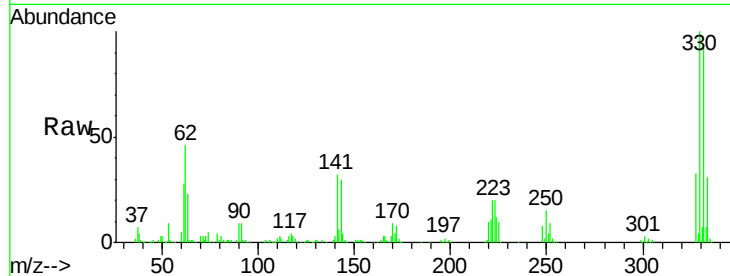




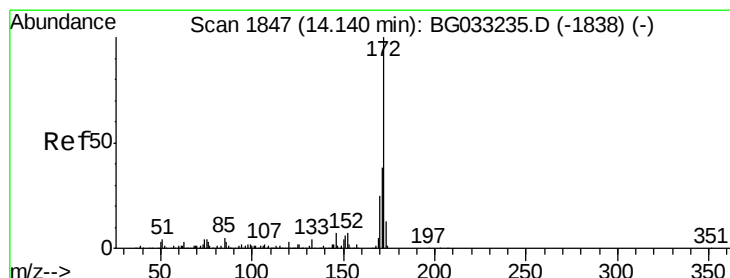
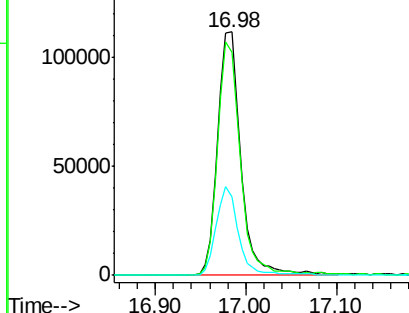
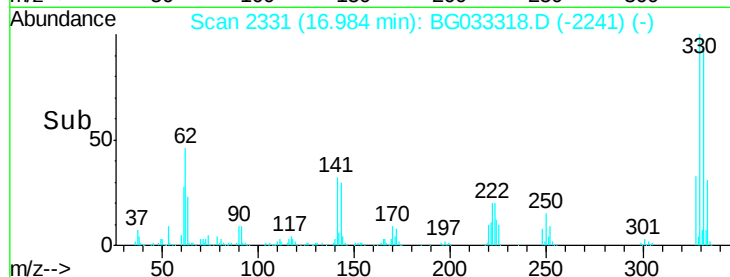
#41
 2,4,6-Tribromophenol
 Concen: 98.383 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033318.D
 Acq: 23 Mar 2018 10:20

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	35.1	25.2	37.8

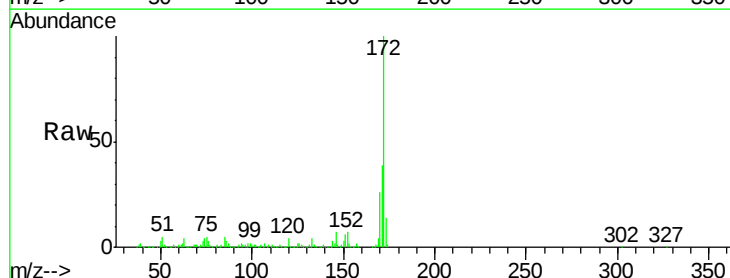


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

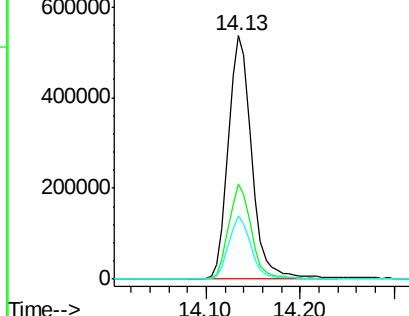
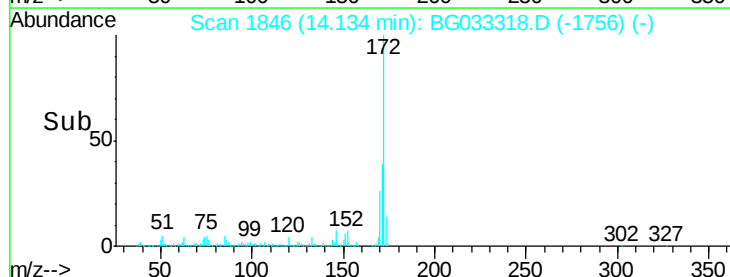


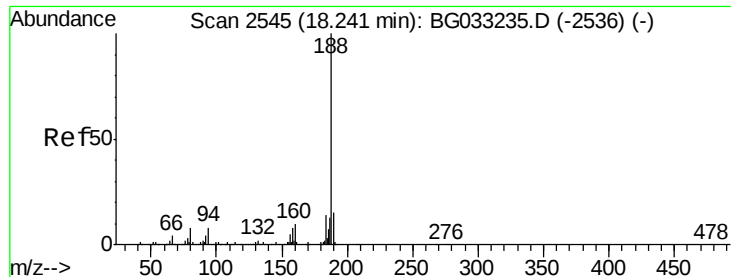
#44
 2-Fluorobiphenyl
 Concen: 99.824 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033318.D
 Acq: 23 Mar 2018 10:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	26.1	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: BG033318.D

Acq: 23 Mar 2018 10:20

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-D-S

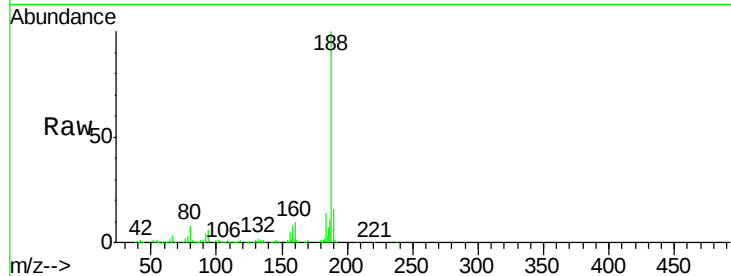
Tot Ion:188 Resp: 353015

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

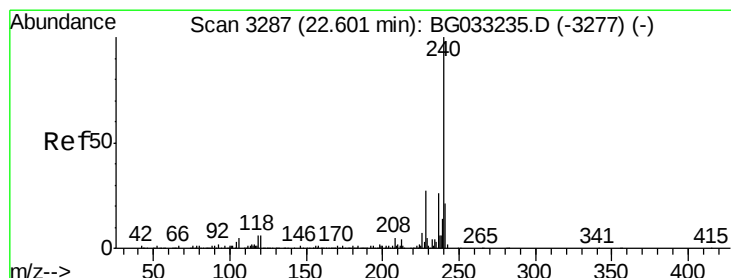
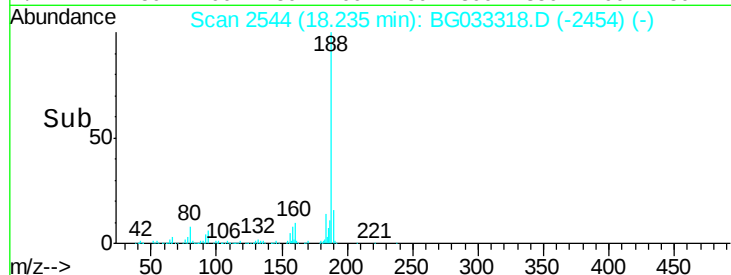
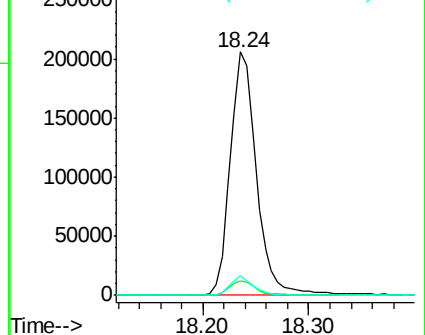
80 8.3 7.7 11.5



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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

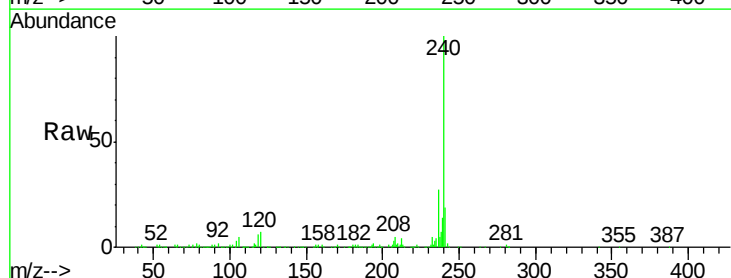
Tgt Ion:240 Resp: 345521

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

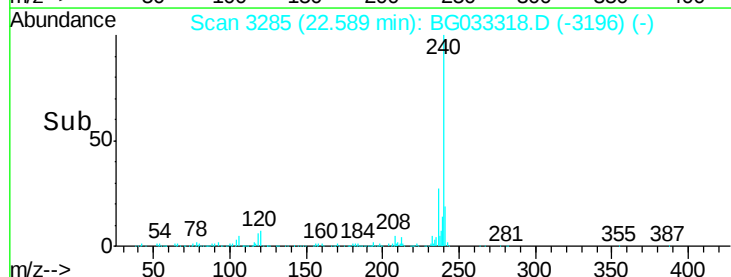
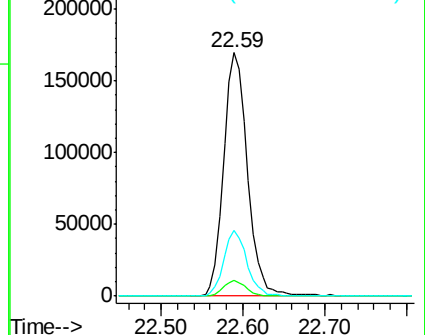
236 26.8 20.9 31.3

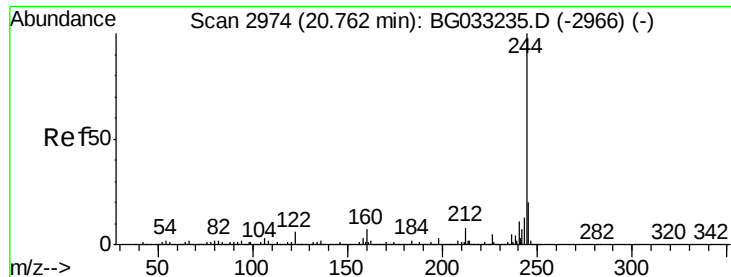


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.926 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

Instrument :

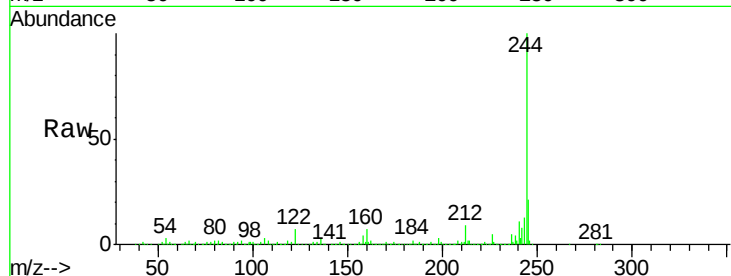
BNA_G

ClientSampleId :

031718-JETT-F-D-S

Tot Ion:244 Resp: 1582129

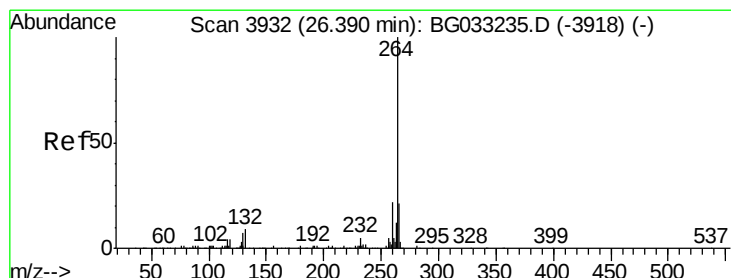
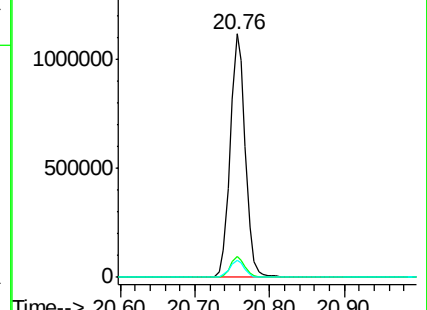
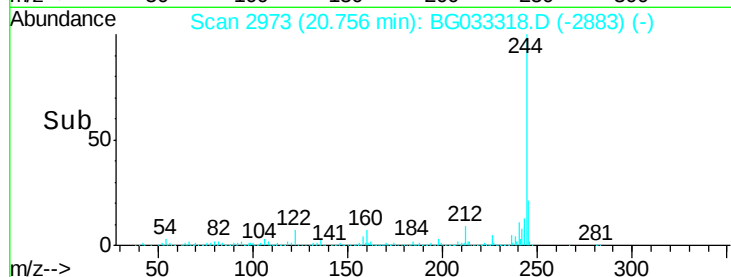
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.9	7.0	10.4#



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: 26.38 min Scan# 3930

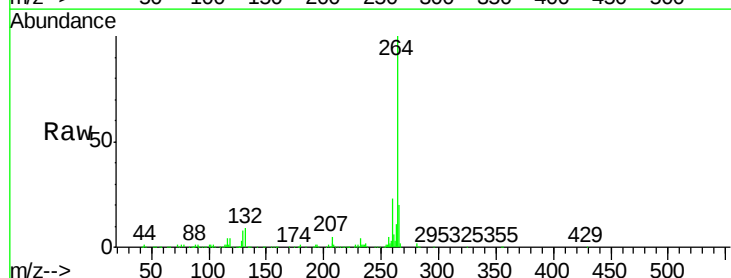
Delta R.T. -0.01 min

Lab File: BG033318.D

Acq: 23 Mar 2018 10:20

Tgt Ion:264 Resp: 353194

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.4	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

