

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033657.D
 Acq On : 7 Apr 2018 9:17
 Operator : SJ/JU
 Sample : J2225-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETT-F-U-S

Quant Time: Apr 09 02:25:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34108	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158802	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	136209	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332417	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325846	20.00	ng	0.00
86) Perylene-d12	26.32	264	326725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	82852	45.55	ng	0.00
7) Phenol-d6	7.97	99	77576	24.82	ng	0.00
23) Nitrobenzene-d5	10.06	82	337628	97.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	154761	75.97	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	855897	90.71	ng	0.00
78) Terphenyl-d14	20.73	244	1399769	91.87	ng	0.00

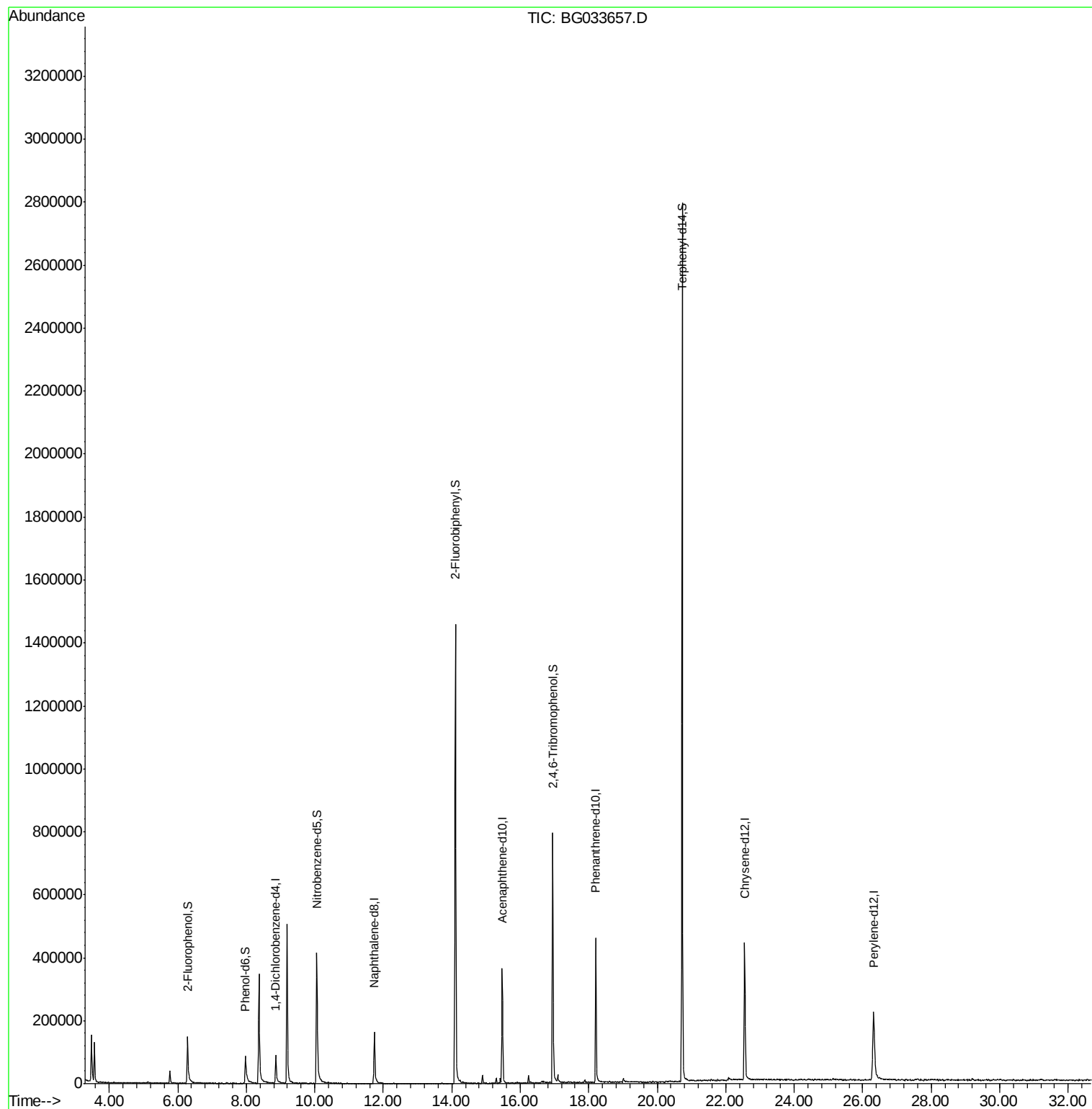
Target Compounds Qvalue

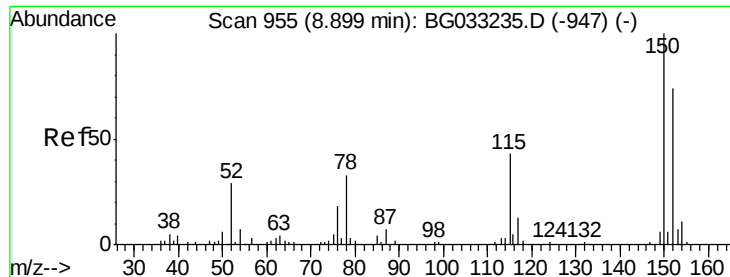
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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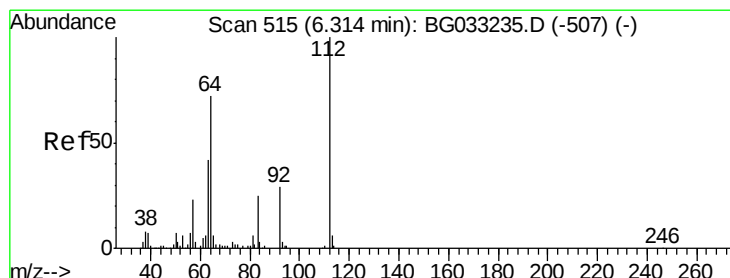
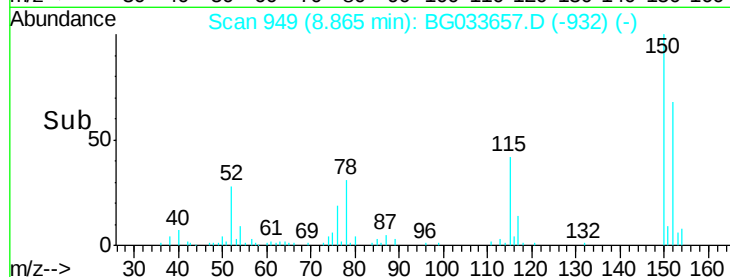
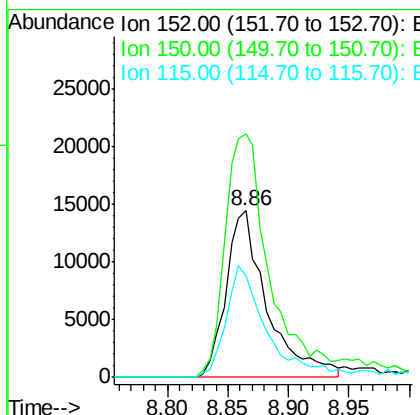
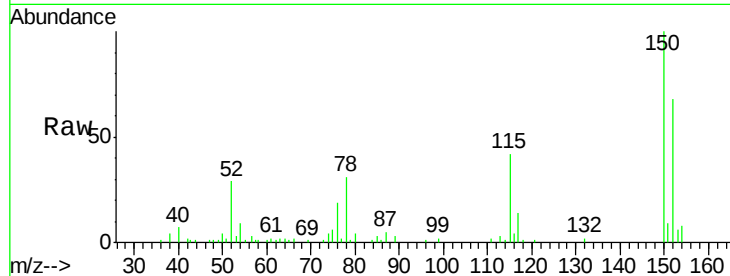


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Instrument :
BNA_G
ClientSampleId :
040218-JETT-F-U-S

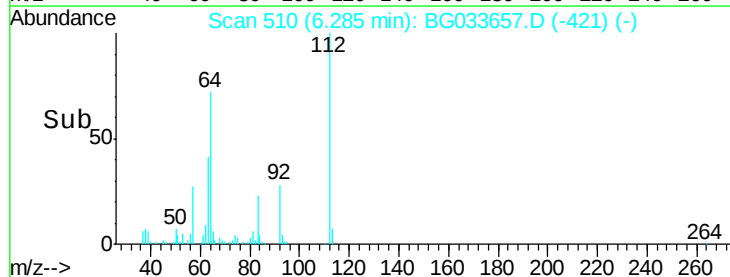
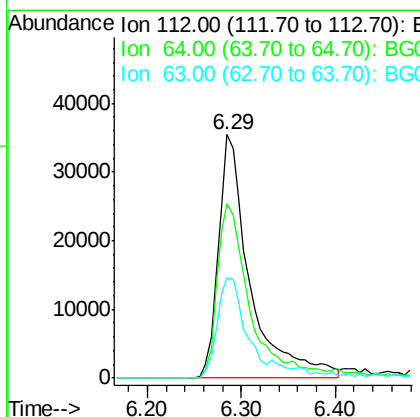
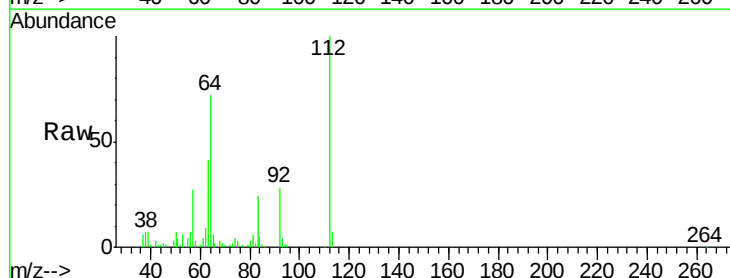
Tot Ion:152 Resp: 34108
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 60.9 53.0 79.4

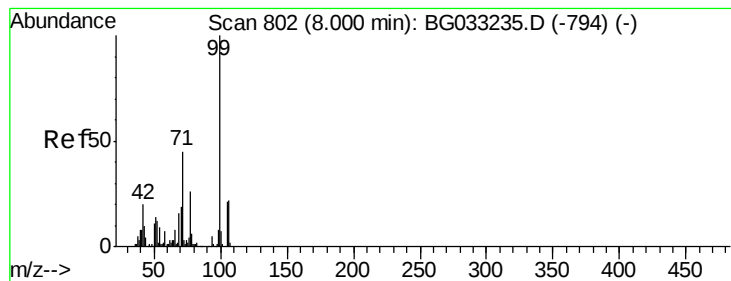


#5

2-Fluorophenol
Concen: 45.549 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Tgt Ion:112 Resp: 82852
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 41.1 30.1 45.1





#7

Phenol-d6

Concen: 24.821 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-S

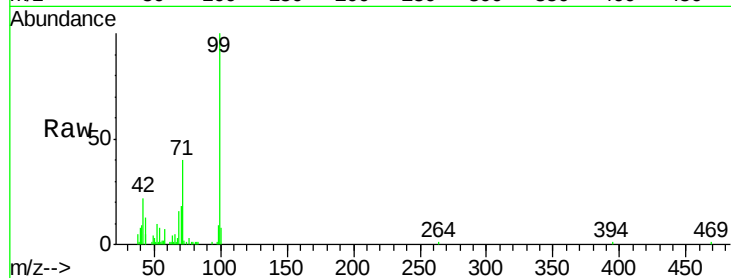
Tot Ion: 99 Resp: 77576

Ion Ratio Lower Upper

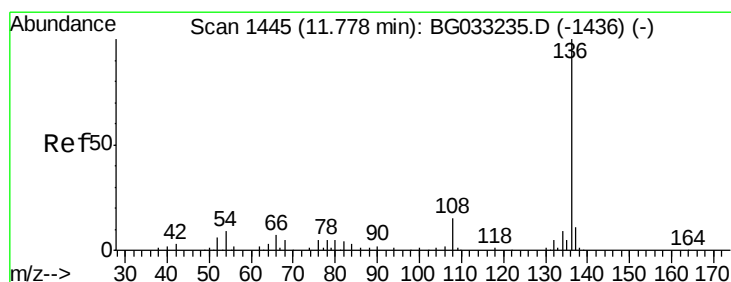
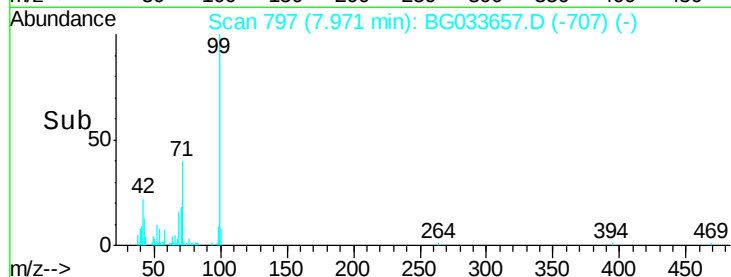
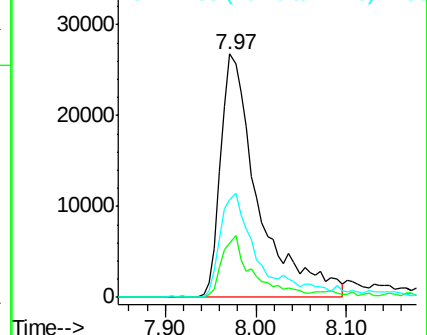
99 100

42 22.5 14.1 21.1#

71 40.4 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: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Tgt Ion: 136 Resp: 158802

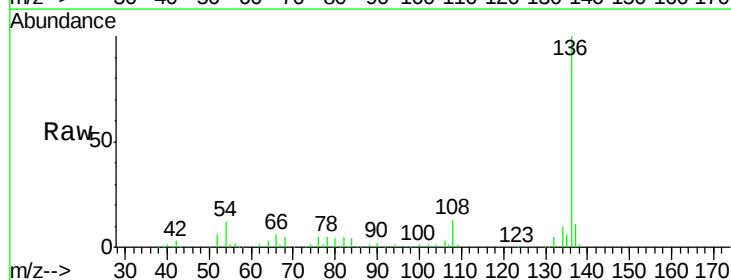
Ion Ratio Lower Upper

136 100

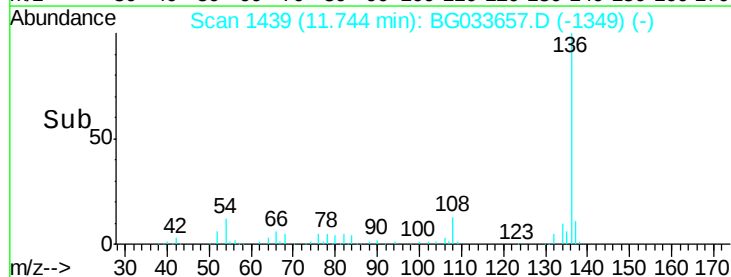
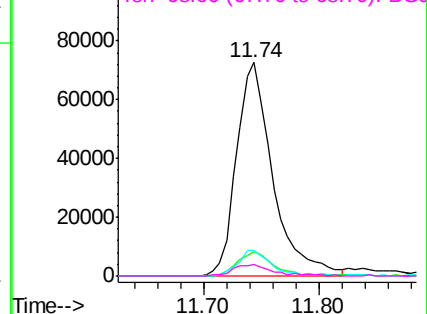
137 11.2 9.2 13.8

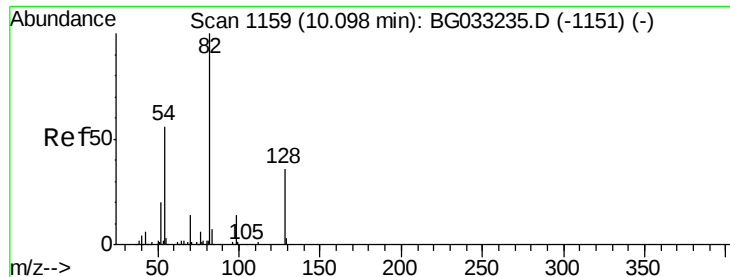
54 11.7 10.3 15.5

68 5.2 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: 97.681 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-S

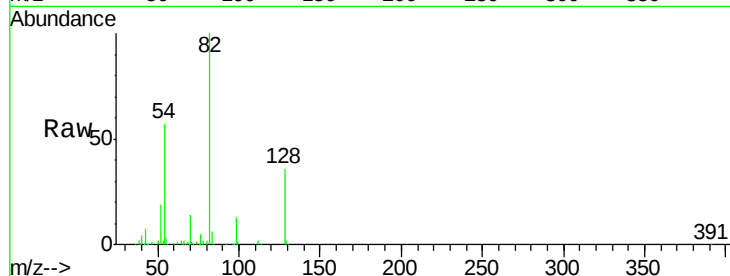
Tot Ion: 82 Resp: 337628

Ion Ratio Lower Upper

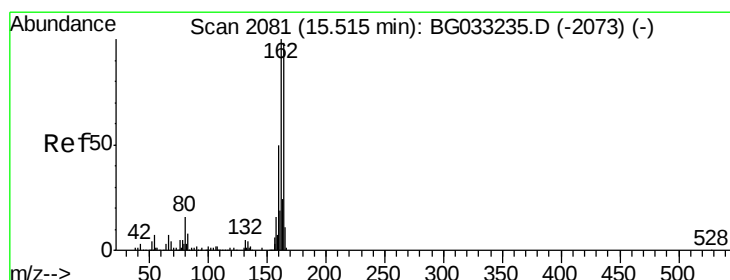
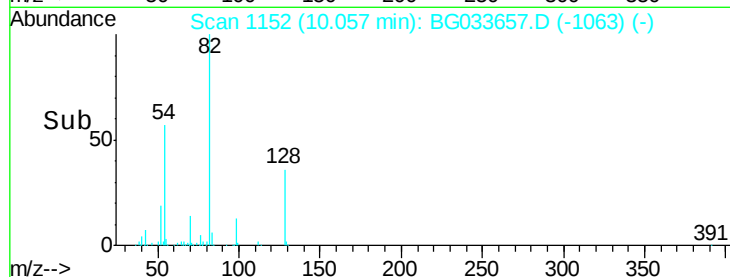
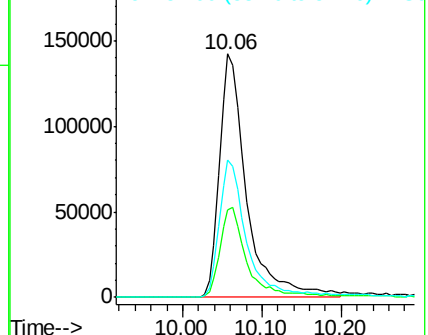
82 100

128 36.0 29.7 44.5

54 56.6 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: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

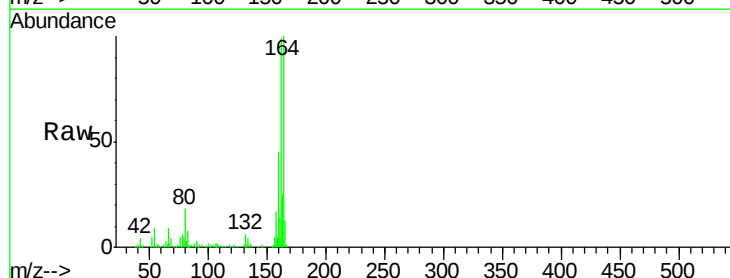
Tgt Ion: 164 Resp: 136209

Ion Ratio Lower Upper

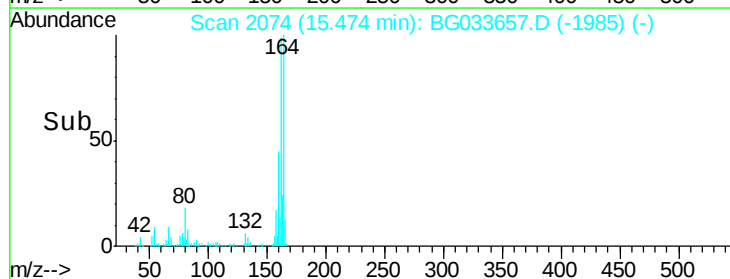
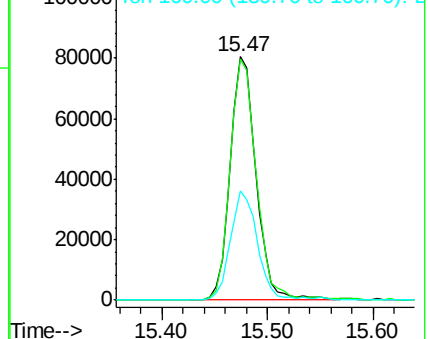
164 100

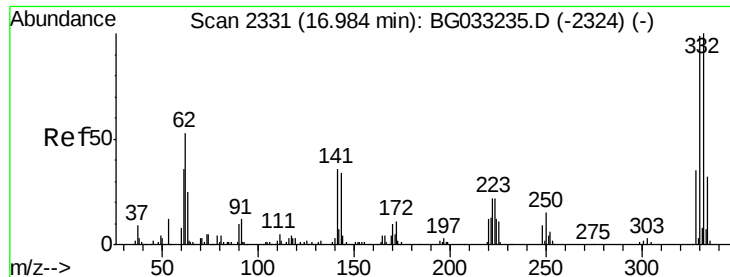
162 98.9 78.8 118.2

160 44.7 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

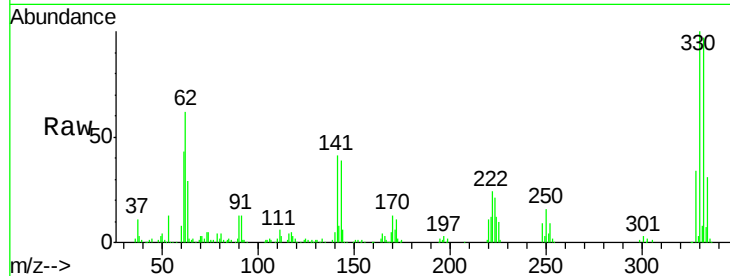




#41
 2,4,6-Tribromophenol
 Concen: 75.969 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.1	25.2	37.8#

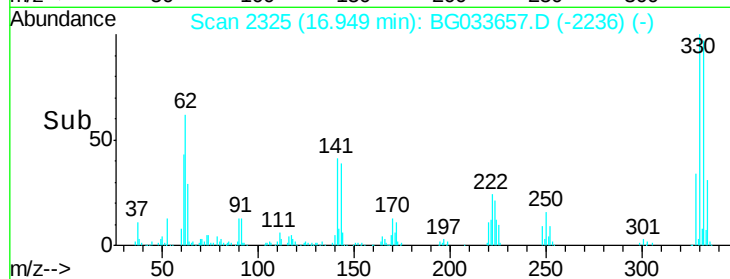
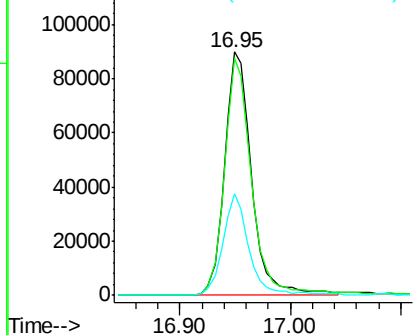


Abundance

Ion 329.80 (329.50 to 330.50): E

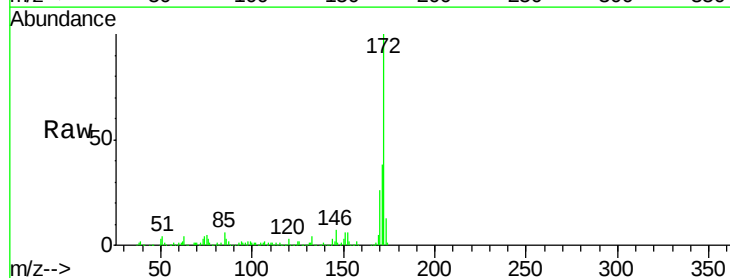
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.714 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.7	19.5	29.3

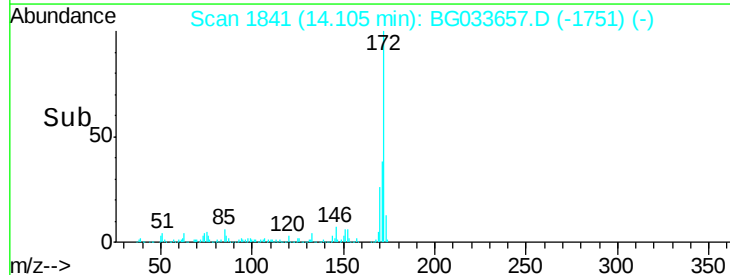
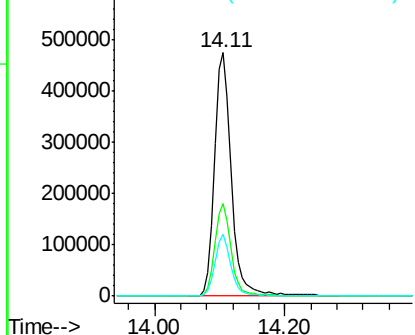


Abundance

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: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-S

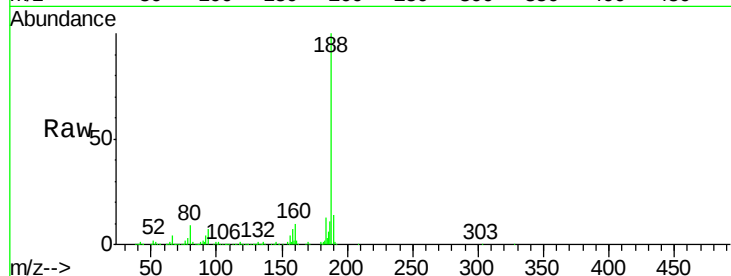
Tot Ion:188 Resp: 332417

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

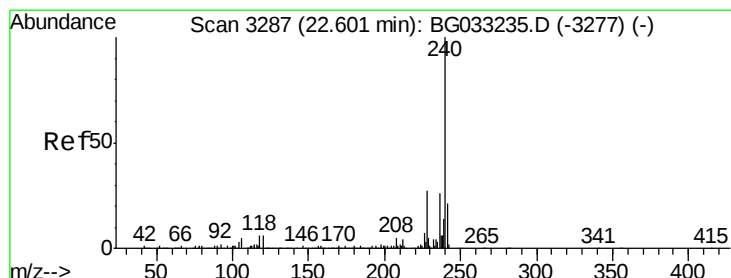
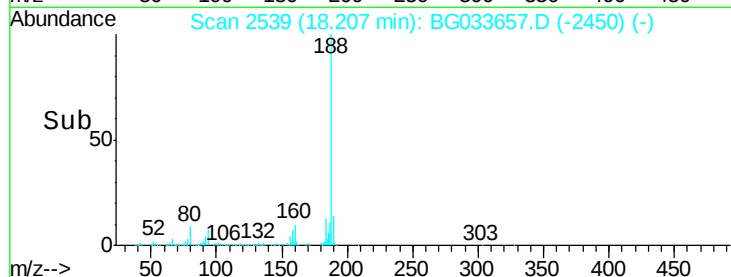
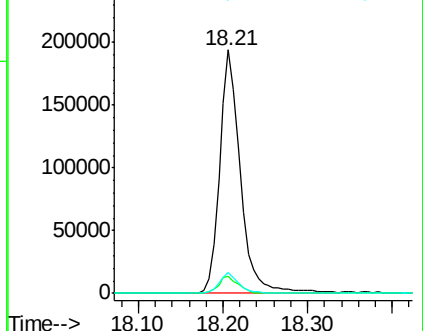
80 8.5 7.7 11.5



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: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

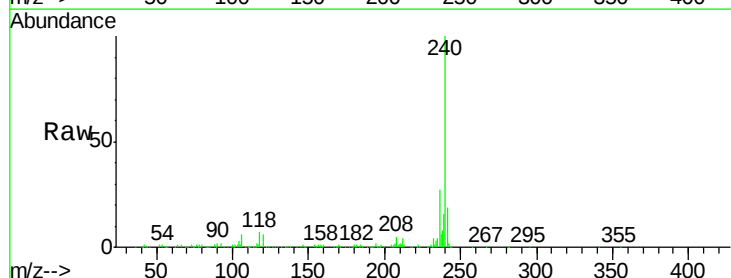
Tgt Ion:240 Resp: 325846

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

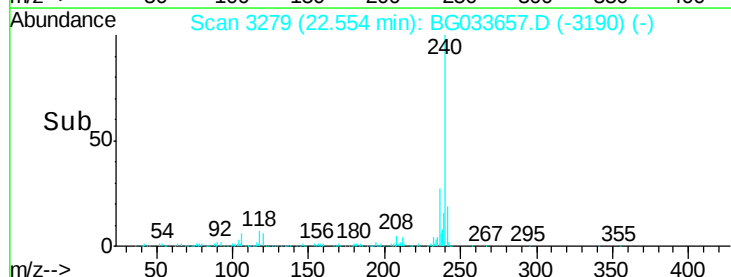
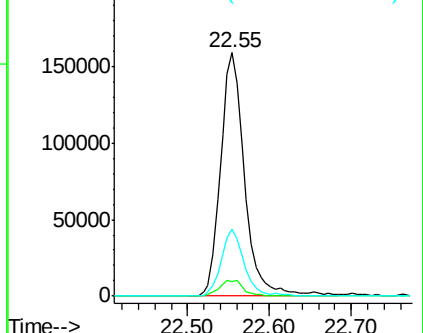
236 27.4 20.9 31.3

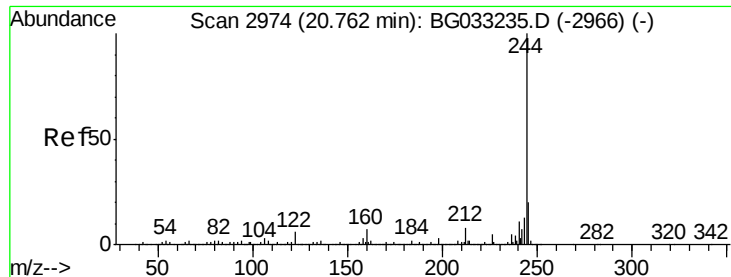


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.870 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

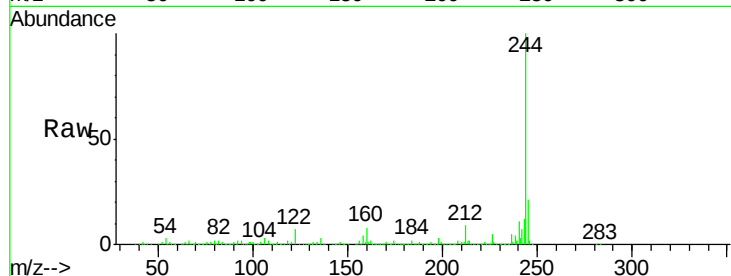
BNA_G

ClientSampleId :

040218-JETT-F-U-S

Tot Ion:244 Resp: 1399769

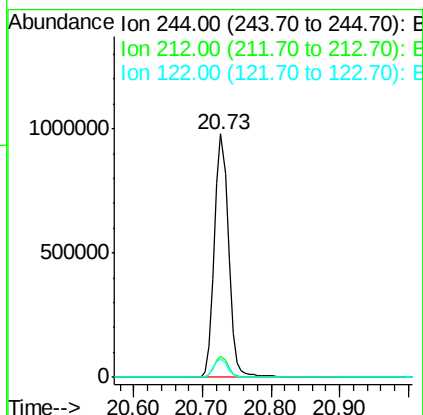
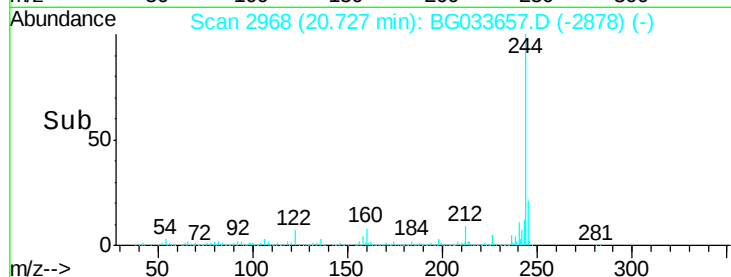
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.4	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

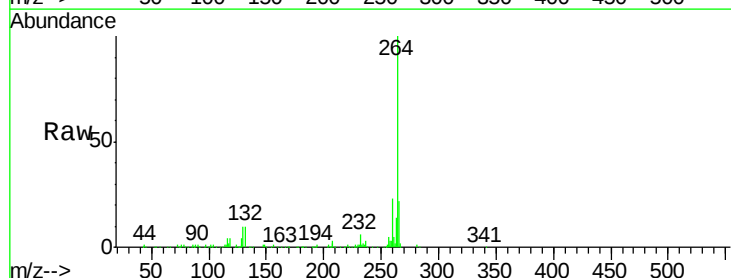
Delta R.T. 0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Tgt Ion:264 Resp: 326725

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.2	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

