

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033368.D
 Acq On : 27 Mar 2018 18:58
 Operator : SJ/JU
 Sample : J2038-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032218-JETB-F-U-M

Quant Time: Mar 28 08:26:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39186	20.00	ng	-0.03
21) Naphthalene-d8	11.74	136	161219	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	131649	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	350751	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	368713	20.00	ng	-0.04
86) Perylene-d12	26.32	264	387104	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	85338	40.84	ng	-0.02
7) Phenol-d6	7.97	99	76099	21.19	ng	-0.02
23) Nitrobenzene-d5	10.06	82	332144	94.65	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	191371	97.19	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	840266	92.14	ng	-0.02
78) Terphenyl-d14	20.73	244	1493632	86.63	ng	-0.02

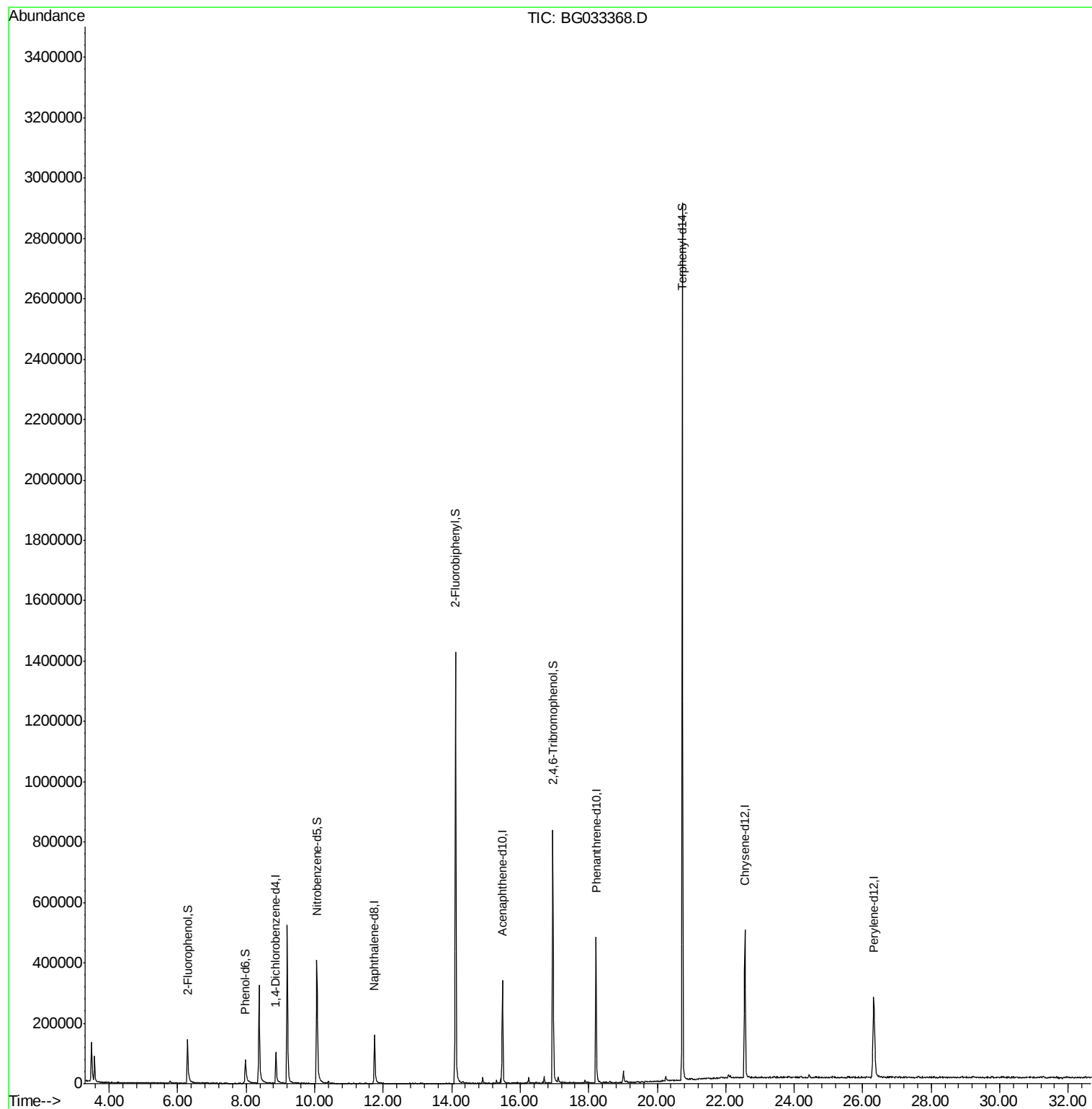
Target Compounds Qvalue

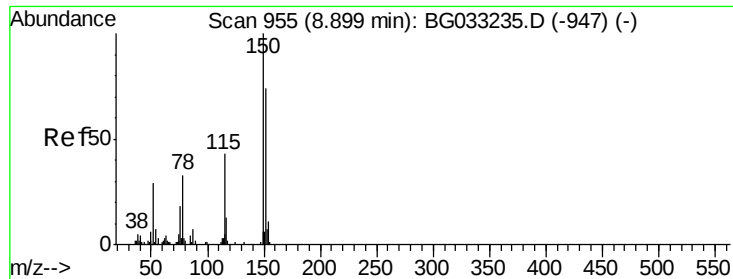
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.03 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-U-M

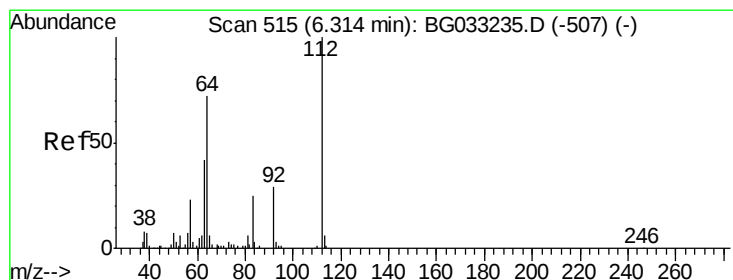
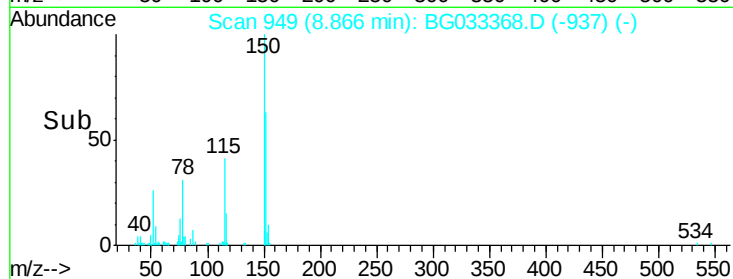
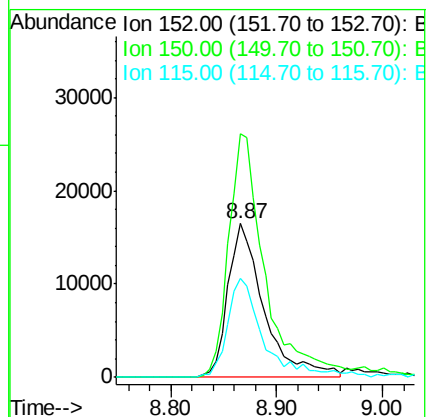
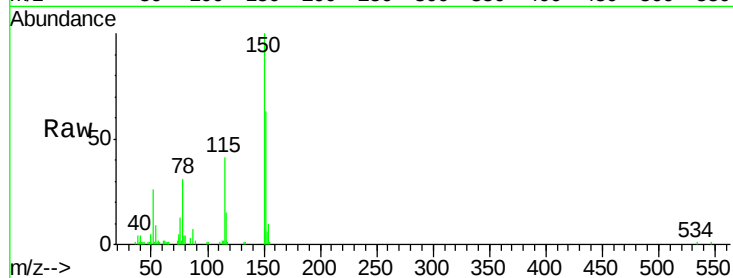
Tot Ion:152 Resp: 39186

Ion Ratio Lower Upper

152 100

150 158.4 126.6 189.8

115 64.5 53.0 79.4



#5

2-Fluorophenol

Concen: 40.836 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.02 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

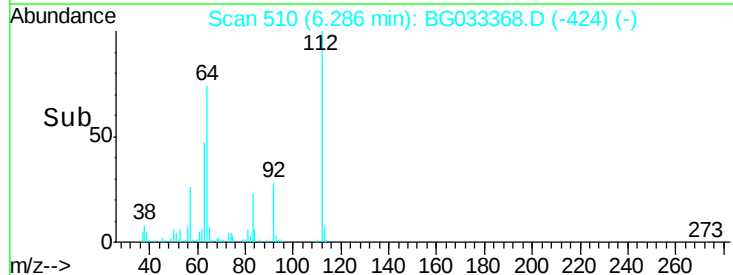
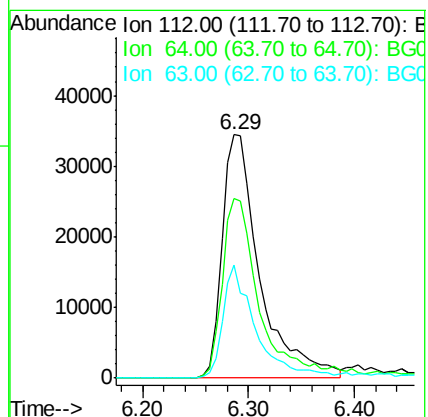
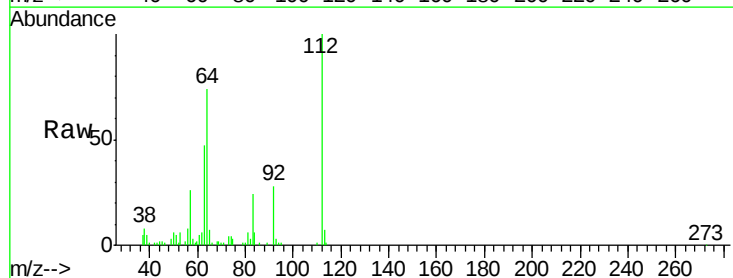
Tgt Ion:112 Resp: 85338

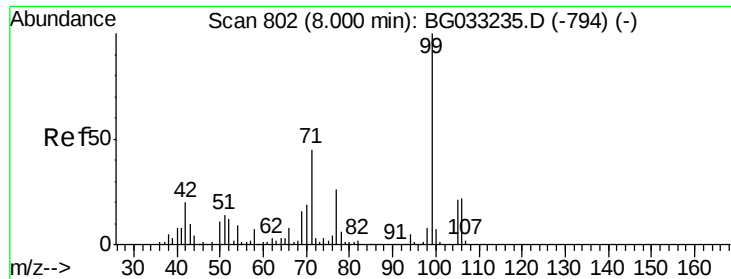
Ion Ratio Lower Upper

112 100

64 73.9 56.3 84.5

63 46.6 30.1 45.1#





#7

Phenol-d6

Concen: 21.193 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-U-M

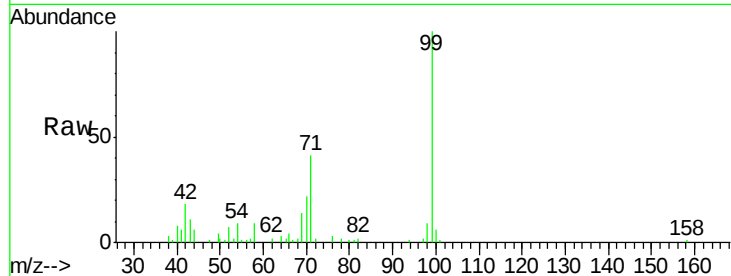
Tot Ion: 99 Resp: 76099

Ion Ratio Lower Upper

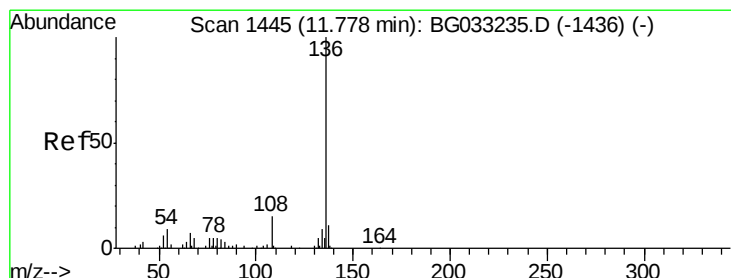
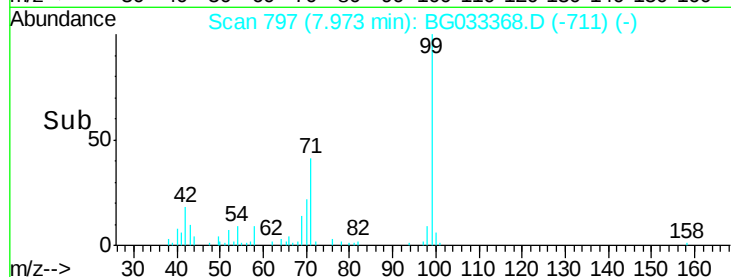
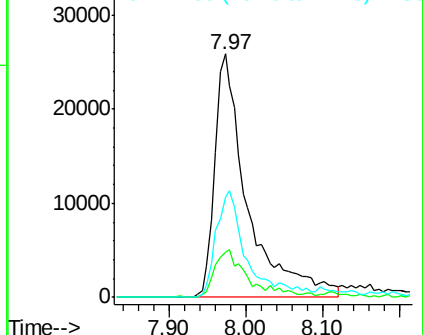
99 100

42 18.3 14.1 21.1

71 41.1 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: 11.74 min Scan# 1439

Delta R.T. -0.04 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Tgt Ion: 136 Resp: 161219

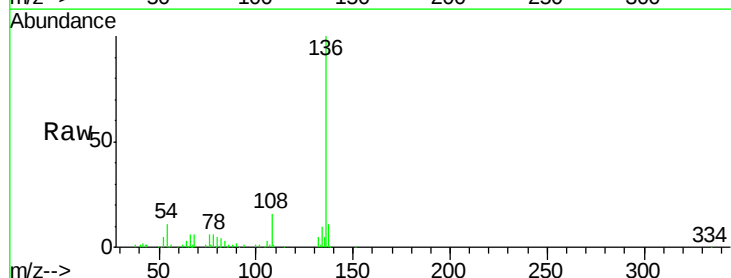
Ion Ratio Lower Upper

136 100

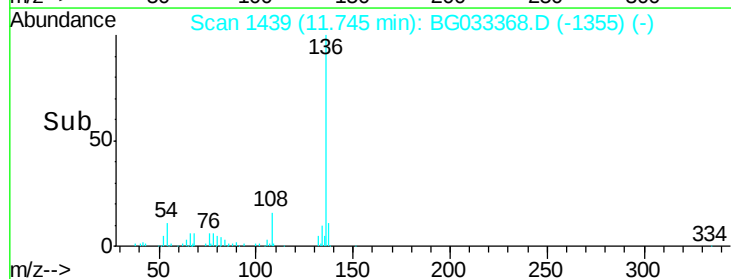
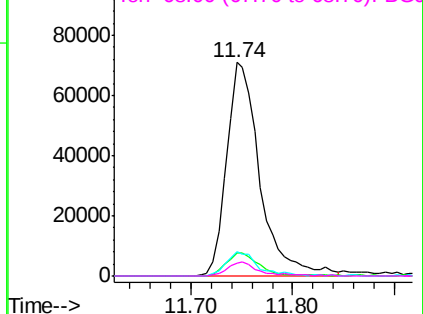
137 11.0 9.2 13.8

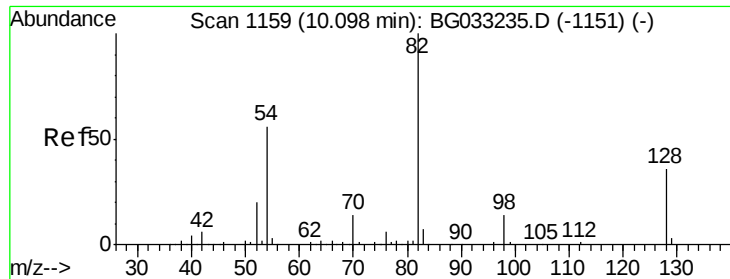
54 11.3 10.3 15.5

68 5.9 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: 94.654 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-U-M

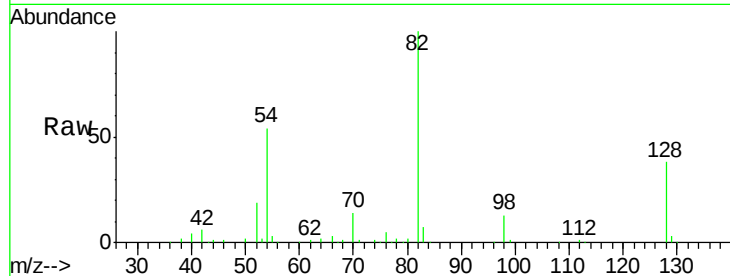
Tot Ion: 82 Resp: 332144

Ion Ratio Lower Upper

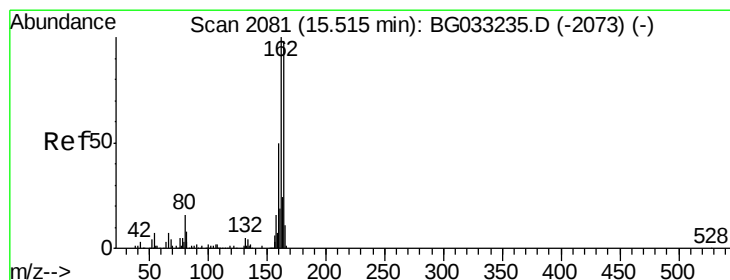
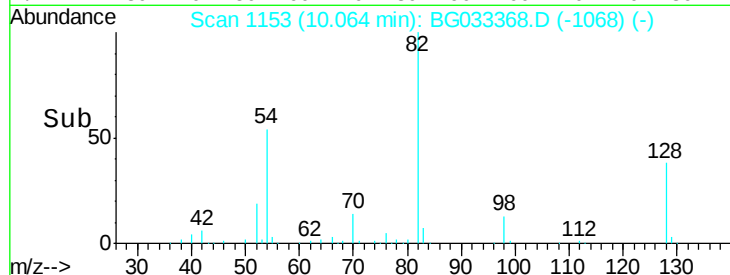
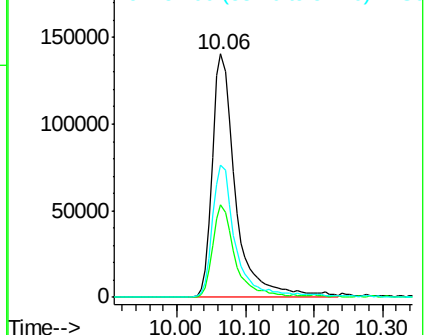
82 100

128 38.0 29.7 44.5

54 54.3 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: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

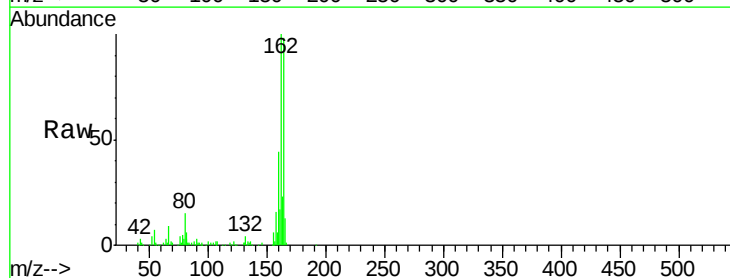
Tgt Ion:164 Resp: 131649

Ion Ratio Lower Upper

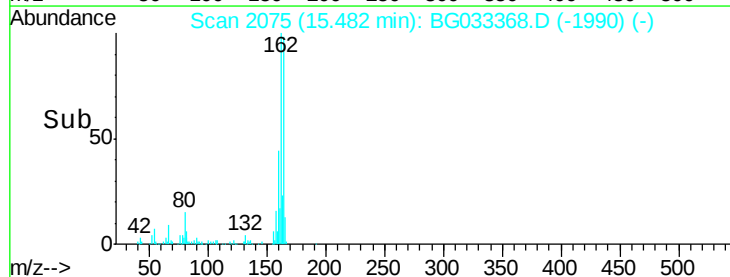
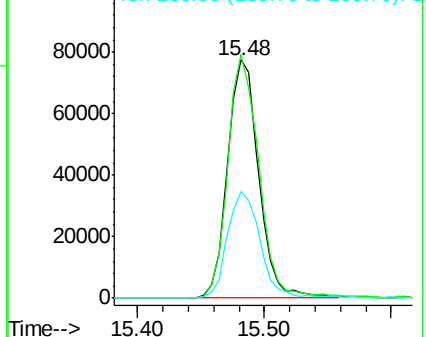
164 100

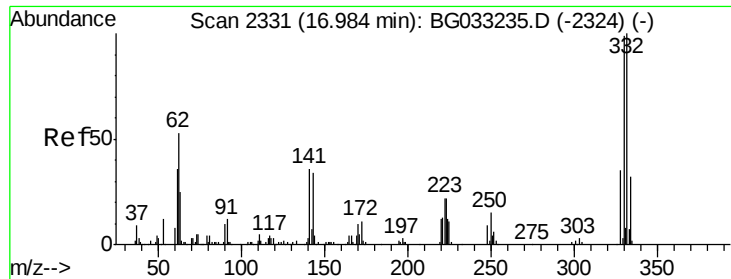
162 102.3 78.8 118.2

160 44.6 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

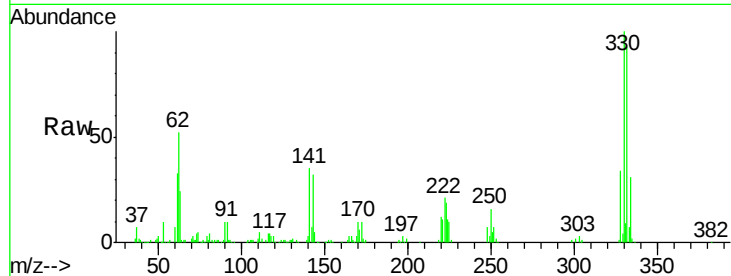




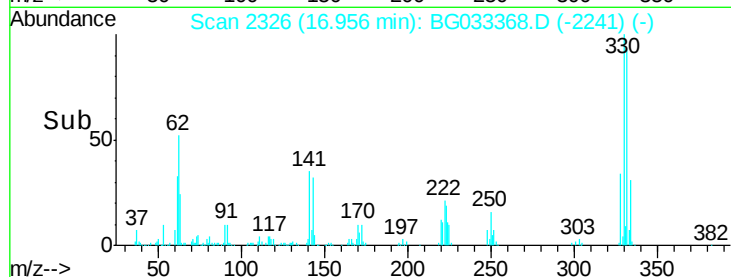
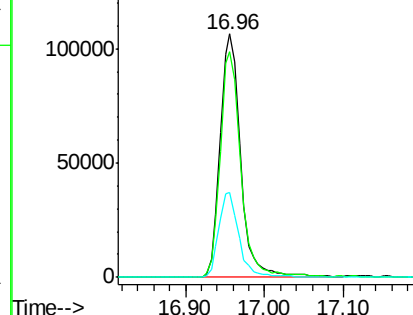
#41
 2,4,6-Tribromophenol
 Concen: 97.194 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033368.D
 Acq: 27 Mar 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 032218-JETB-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	34.1	25.2	37.8

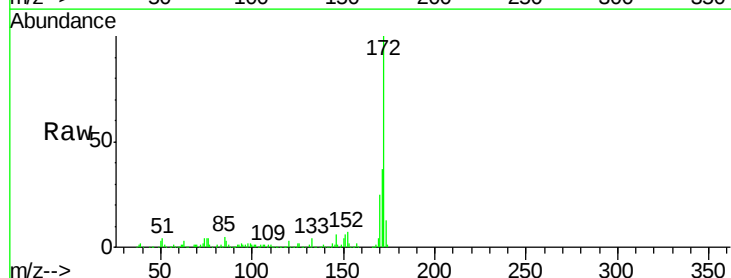


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

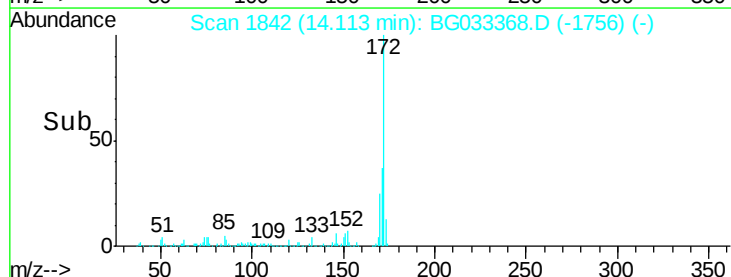
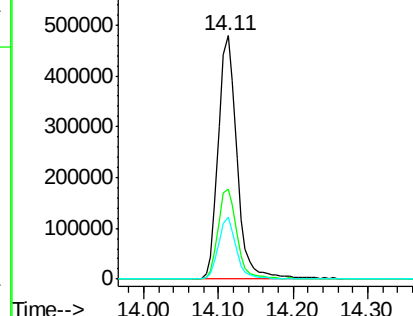


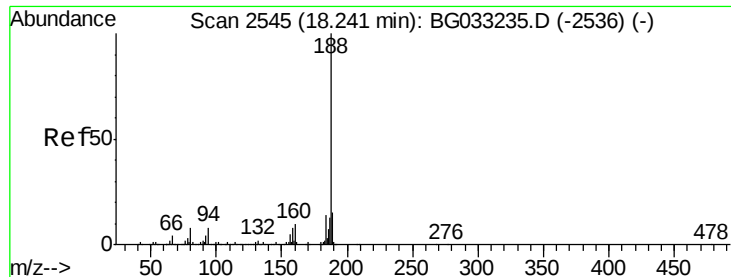
#44
 2-Fluorobiphenyl
 Concen: 92.142 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033368.D
 Acq: 27 Mar 2018 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-U-M

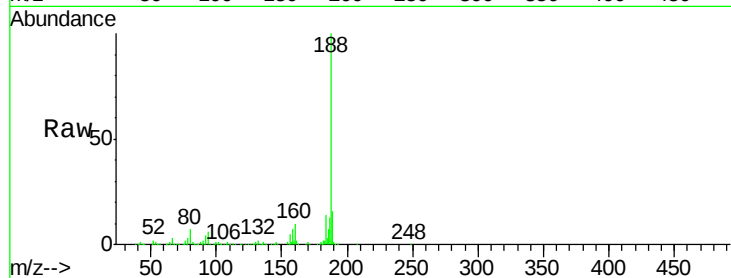
Tot Ion:188 Resp: 350751

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

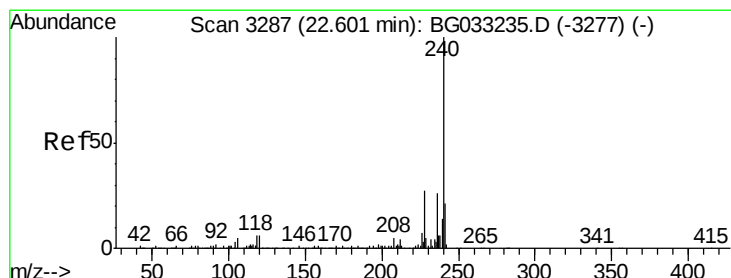
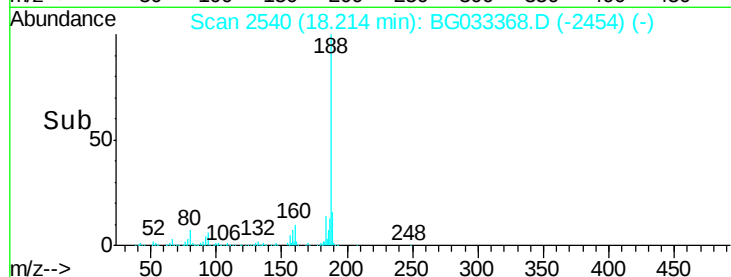
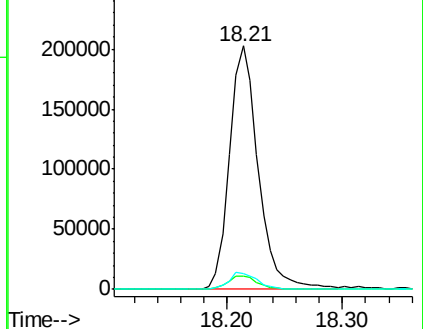
80 6.7 7.7 11.5#



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: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

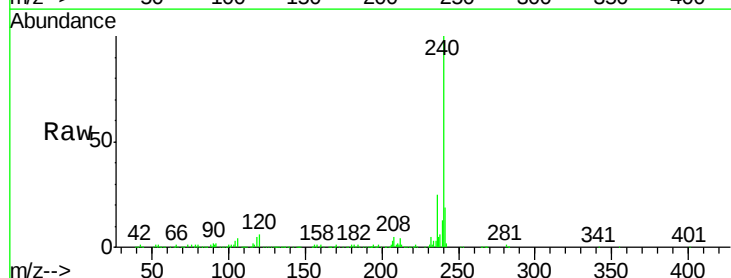
Tgt Ion:240 Resp: 368713

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

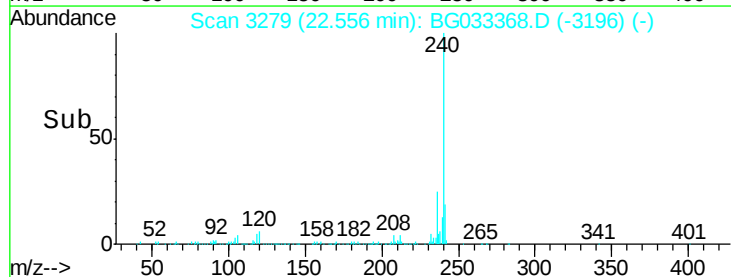
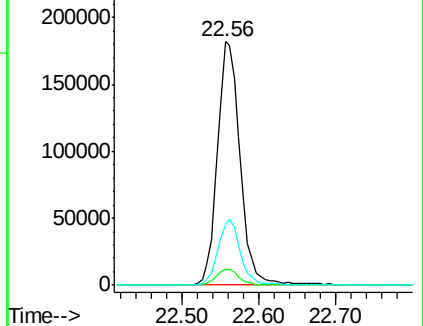
236 25.0 20.9 31.3

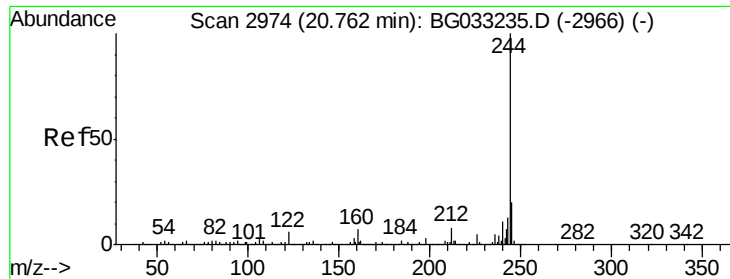


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.634 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

032218-JETB-F-U-M

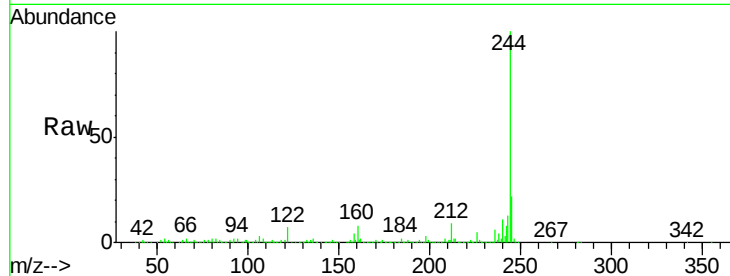
Tot Ion:244 Resp: 1493632

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

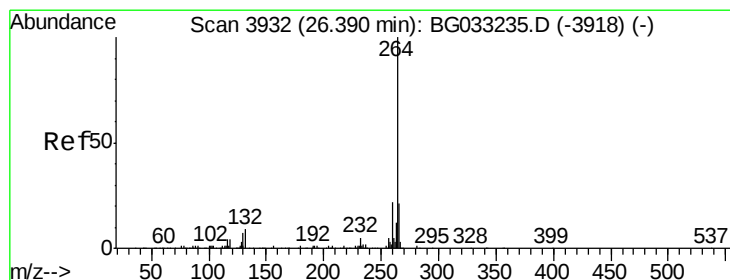
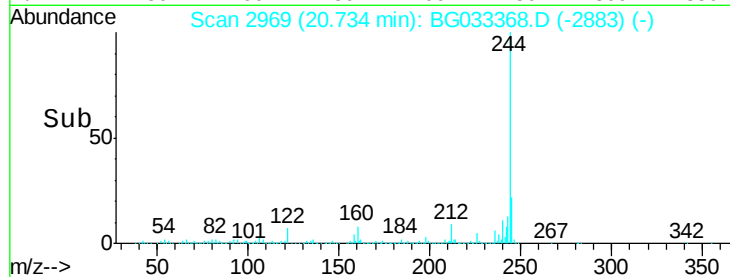
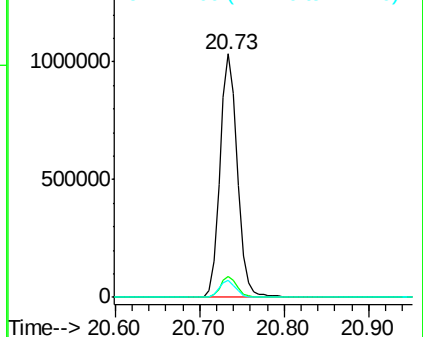
122 6.8 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.07 min

Lab File: BG033368.D

Acq: 27 Mar 2018 18:58

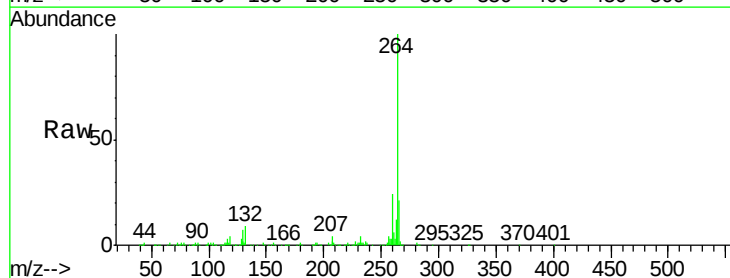
Tgt Ion:264 Resp: 387104

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 20.7 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

