

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033378.D
 Acq On : 28 Mar 2018 1:13
 Operator : SJ/JU
 Sample : J2061-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-B

Quant Time: Mar 28 08:48:55 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	40394	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	154882	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	123537	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	332547	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	337437	20.00	ng	-0.04
86) Perylene-d12	26.32	264	357690	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	101505	47.12	ng	-0.02
7) Phenol-d6	7.98	99	95877	25.90	ng	-0.02
23) Nitrobenzene-d5	10.07	82	353878	104.97	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	193607	104.79	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	905507	105.82	ng	-0.03
78) Terphenyl-d14	20.73	244	1436971	91.07	ng	-0.03

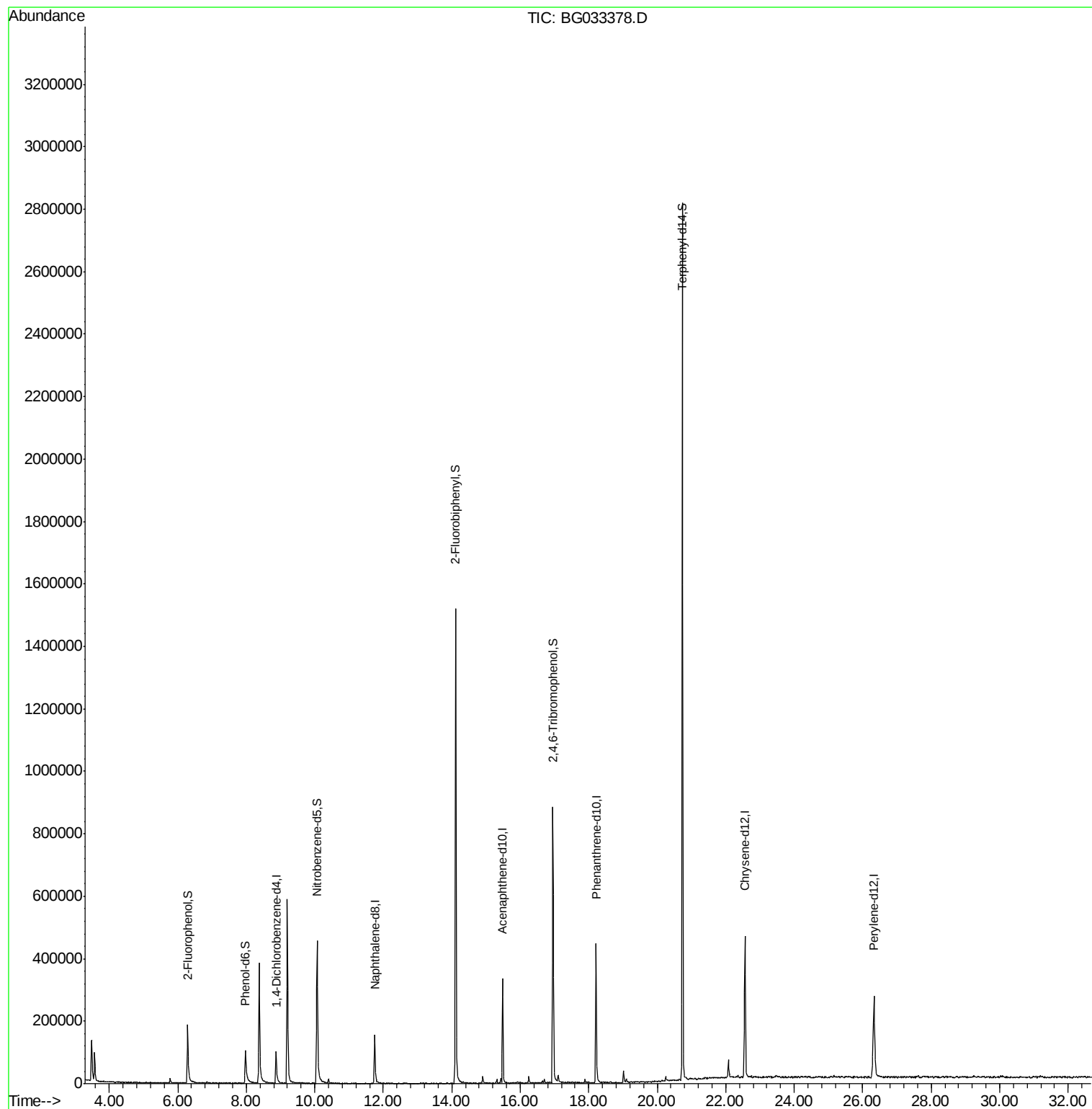
Target Compounds Qvalue

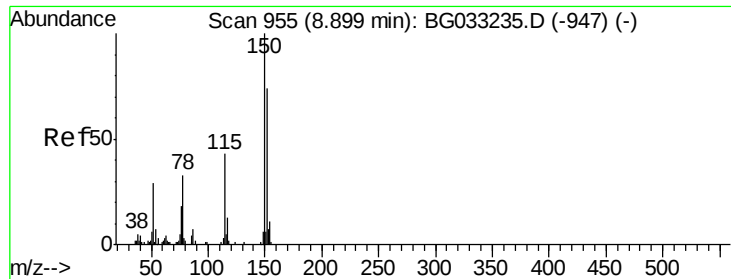
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.03 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-B

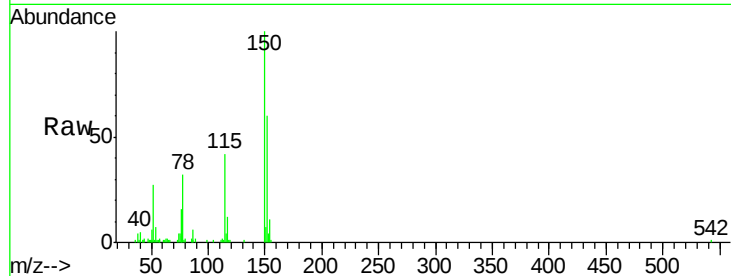
Tot Ion:152 Resp: 40394

Ion Ratio Lower Upper

152 100

150 166.4 126.6 189.8

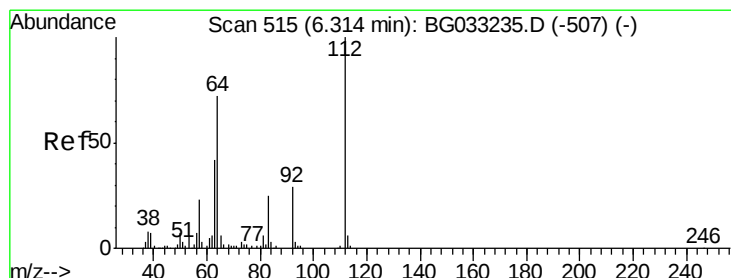
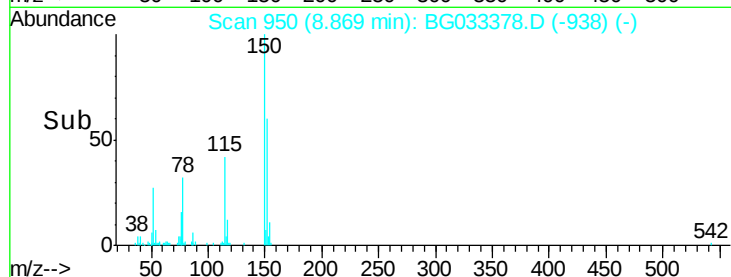
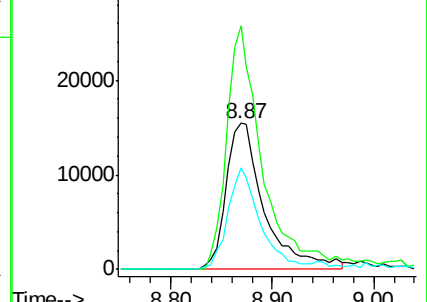
115 69.7 53.0 79.4



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: 47.119 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.02 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

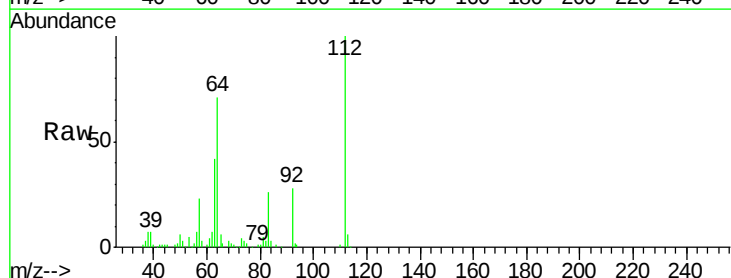
Tgt Ion:112 Resp: 101505

Ion Ratio Lower Upper

112 100

64 71.3 56.3 84.5

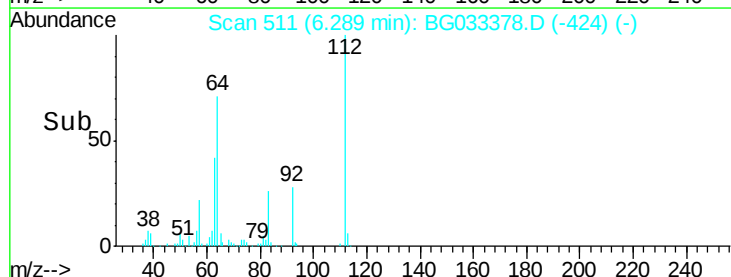
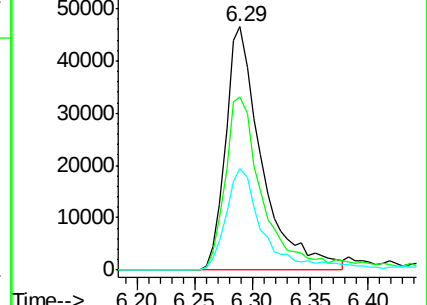
63 41.5 30.1 45.1

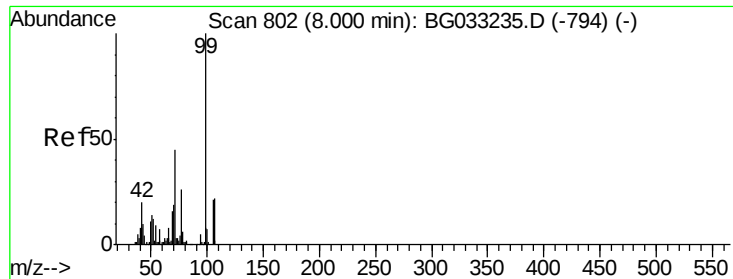


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.903 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-B

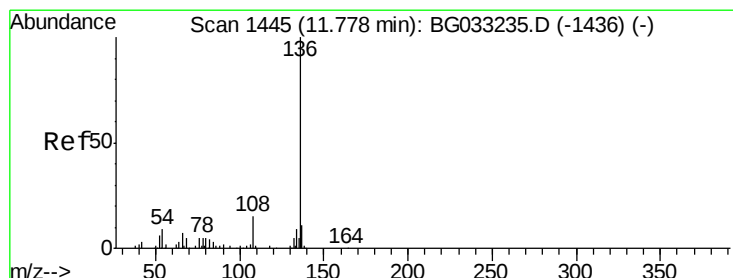
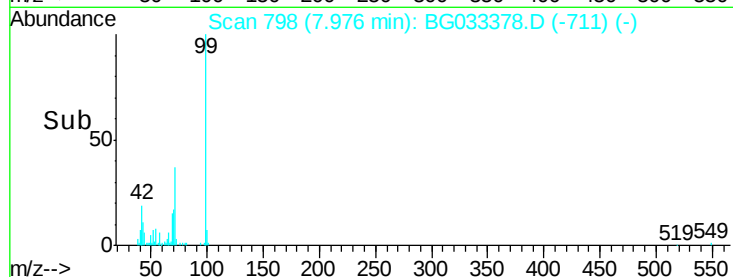
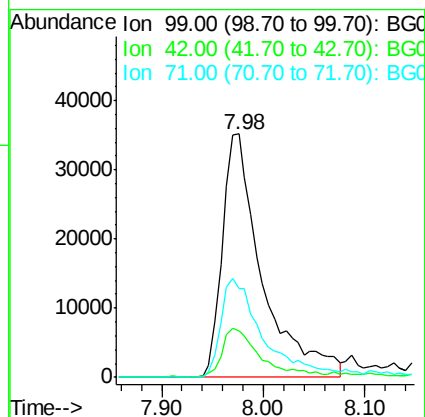
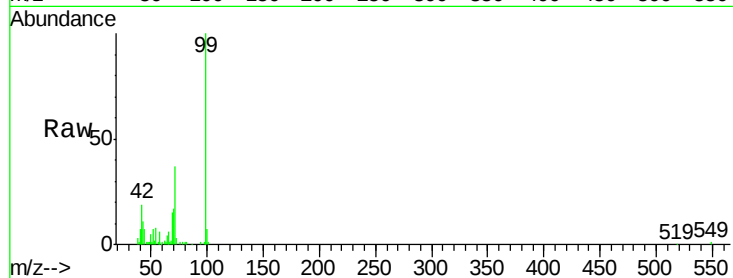
Tot Ion: 99 Resp: 95877

Ion Ratio Lower Upper

99 100

42 18.9 14.1 21.1

71 36.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

Tgt Ion: 136 Resp: 154882

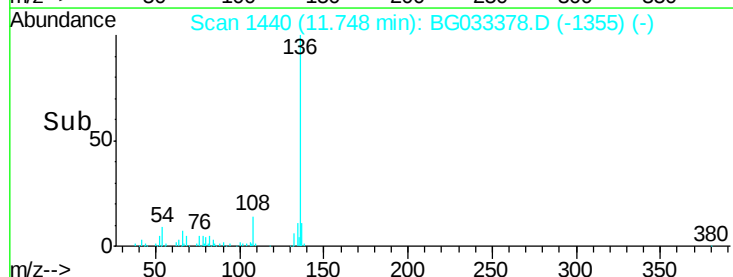
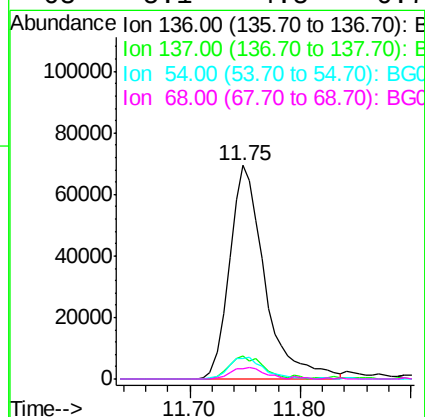
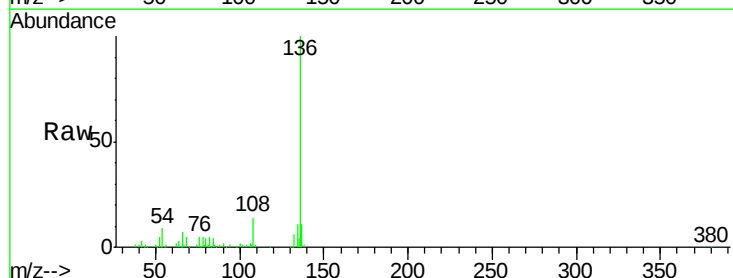
Ion Ratio Lower Upper

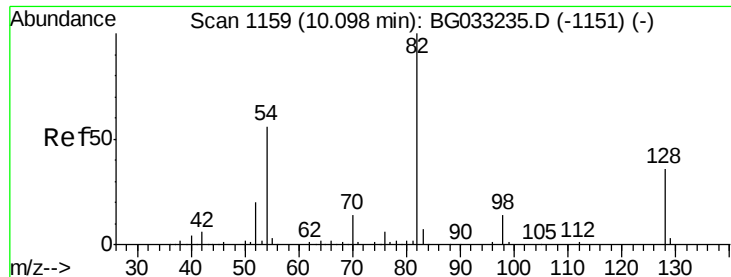
136 100

137 10.8 9.2 13.8

54 9.5 10.3 15.5#

68 5.1 4.5 6.7

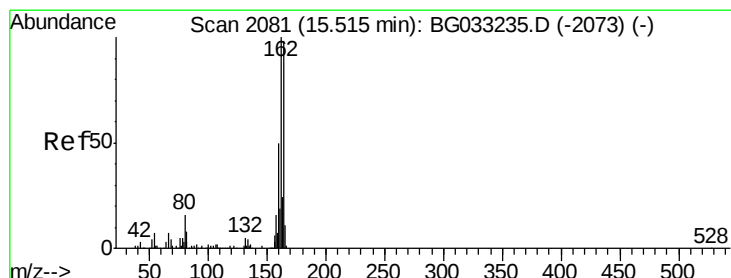
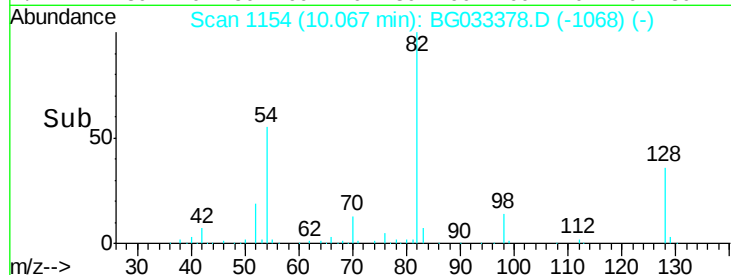
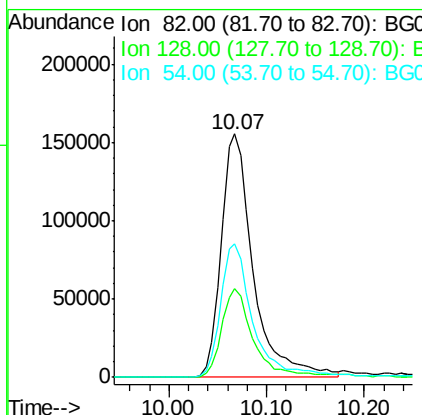
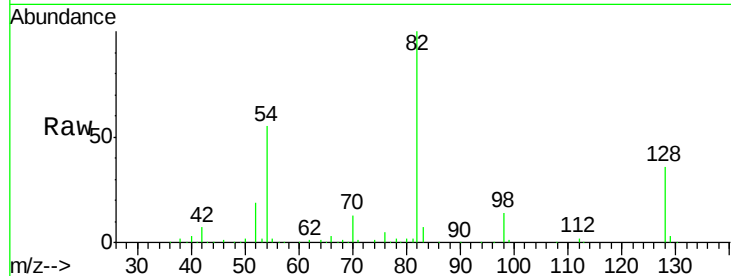




#23
 Nitrobenzene-d5
 Concen: 104.974 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033378.D
 Acq: 28 Mar 2018 1:13

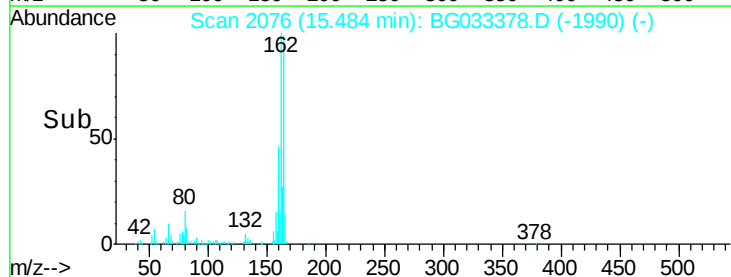
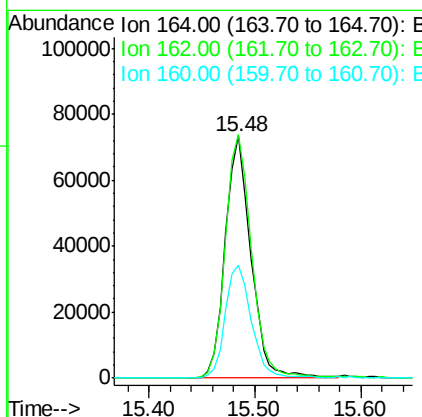
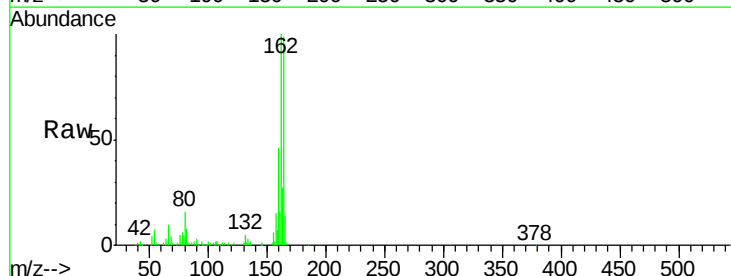
Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-B

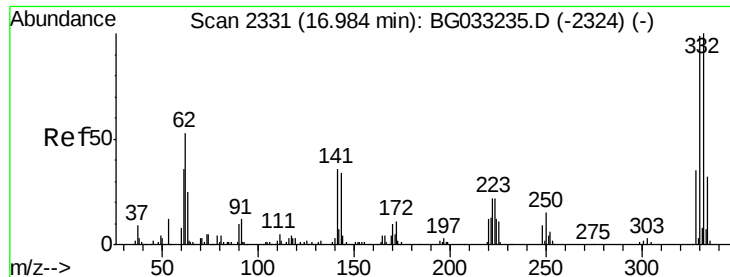
Tot Ion	82	Resp	353878
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.7	44.5
54	54.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033378.D
 Acq: 28 Mar 2018 1:13

Tgt Ion	164	Resp	123537
Ion Ratio	Lower	Upper	
164	100		
162	100.6	78.8	118.2
160	46.5	35.4	53.0

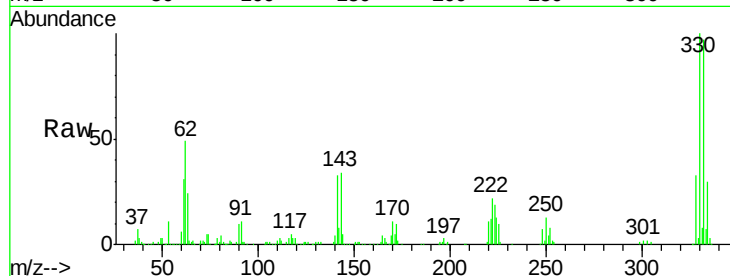




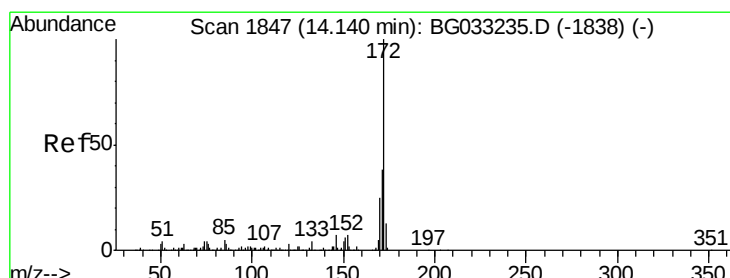
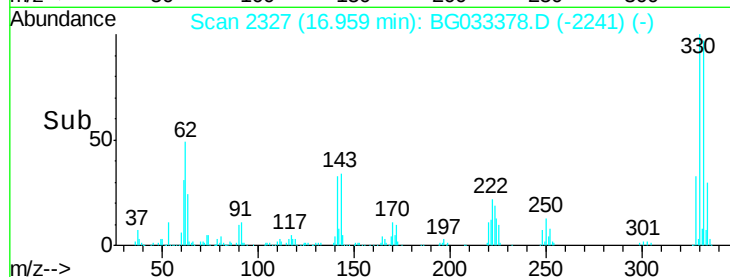
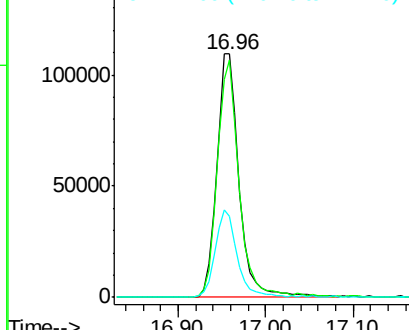
#41
 2,4,6-Tribromophenol
 Concen: 104.786 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033378.D
 Acq: 28 Mar 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	35.7	25.2	37.8

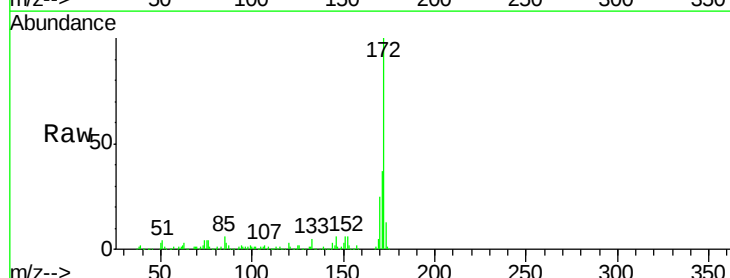


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

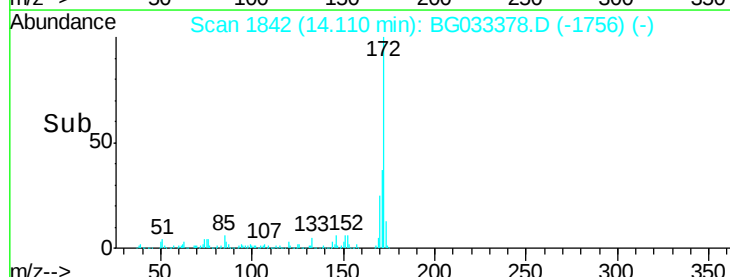
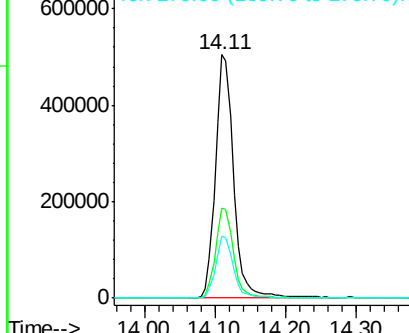


#44
 2-Fluorobiphenyl
 Concen: 105.816 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033378.D
 Acq: 28 Mar 2018 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.5	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

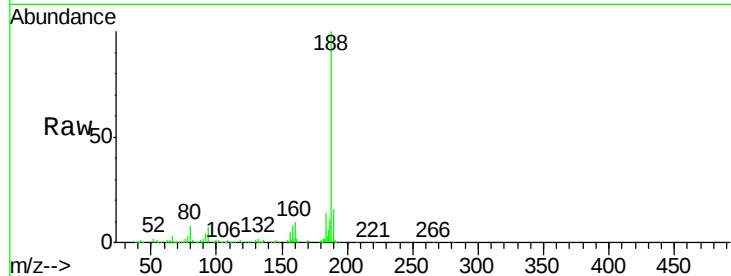




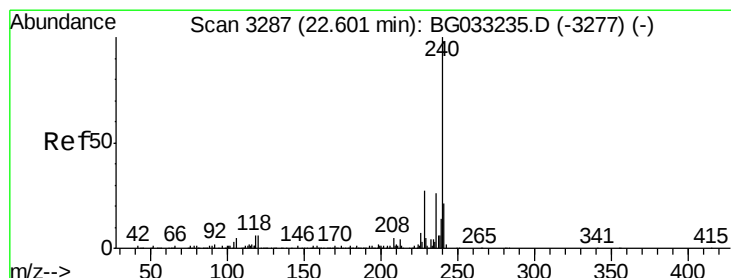
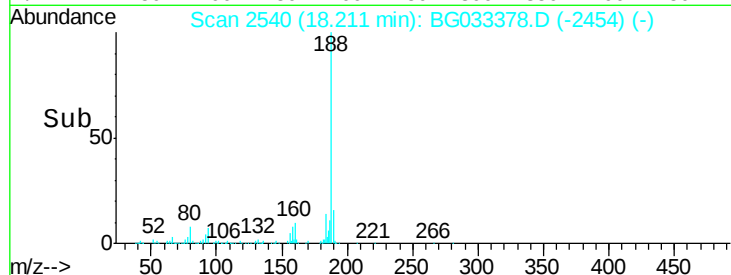
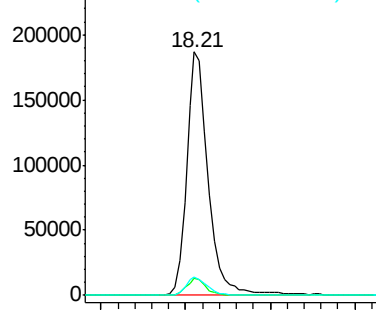
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033378.D
Acq: 28 Mar 2018 1:13

Instrument :
BNA_G
ClientSampleId :
032418-JETT-E-U-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#

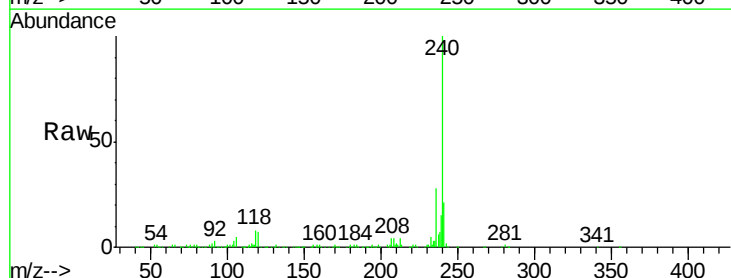


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

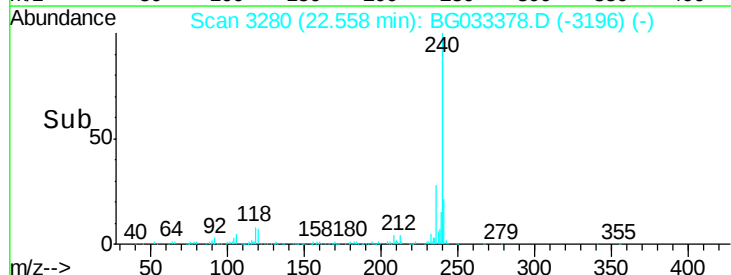
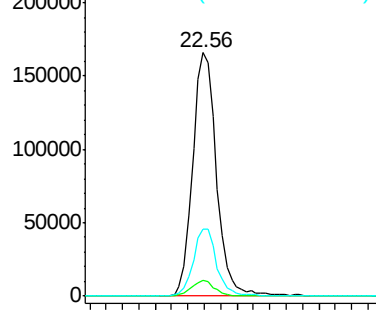


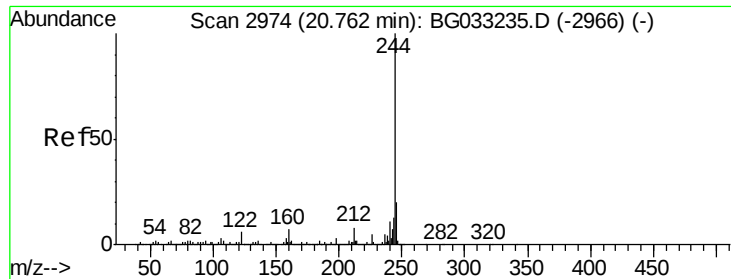
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033378.D
Acq: 28 Mar 2018 1:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	27.6	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: 91.072 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-B

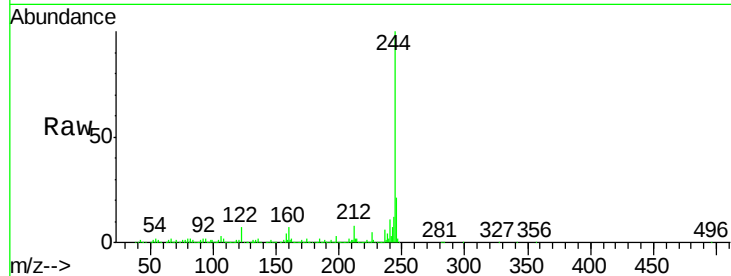
Tot Ion:244 Resp: 1436971

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

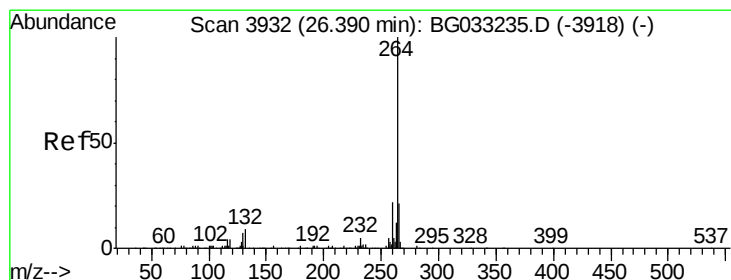
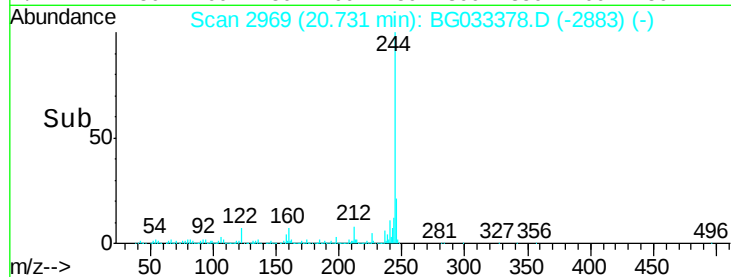
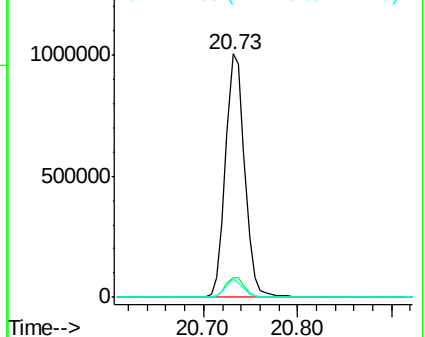
122 7.4 7.0 10.4



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# 3921

Delta R.T. -0.06 min

Lab File: BG033378.D

Acq: 28 Mar 2018 1:13

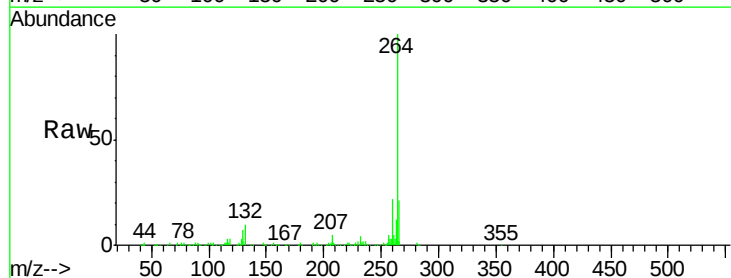
Tgt Ion:264 Resp: 357690

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.1 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

