

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033376.D
 Acq On : 27 Mar 2018 23:58
 Operator : SJ/JU
 Sample : J2061-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-D-M

Quant Time: Mar 28 08:44:45 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	39179	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	161050	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128159	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	334111	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	355494	20.00	ng	-0.04
86) Perylene-d12	26.33	264	379778	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78892	37.76	ng	-0.02
7) Phenol-d6	7.98	99	71634	19.95	ng	-0.02
23) Nitrobenzene-d5	10.07	82	318943	90.99	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	182266	95.09	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	817268	92.06	ng	-0.02
78) Terphenyl-d14	20.73	244	1399661	84.20	ng	-0.02

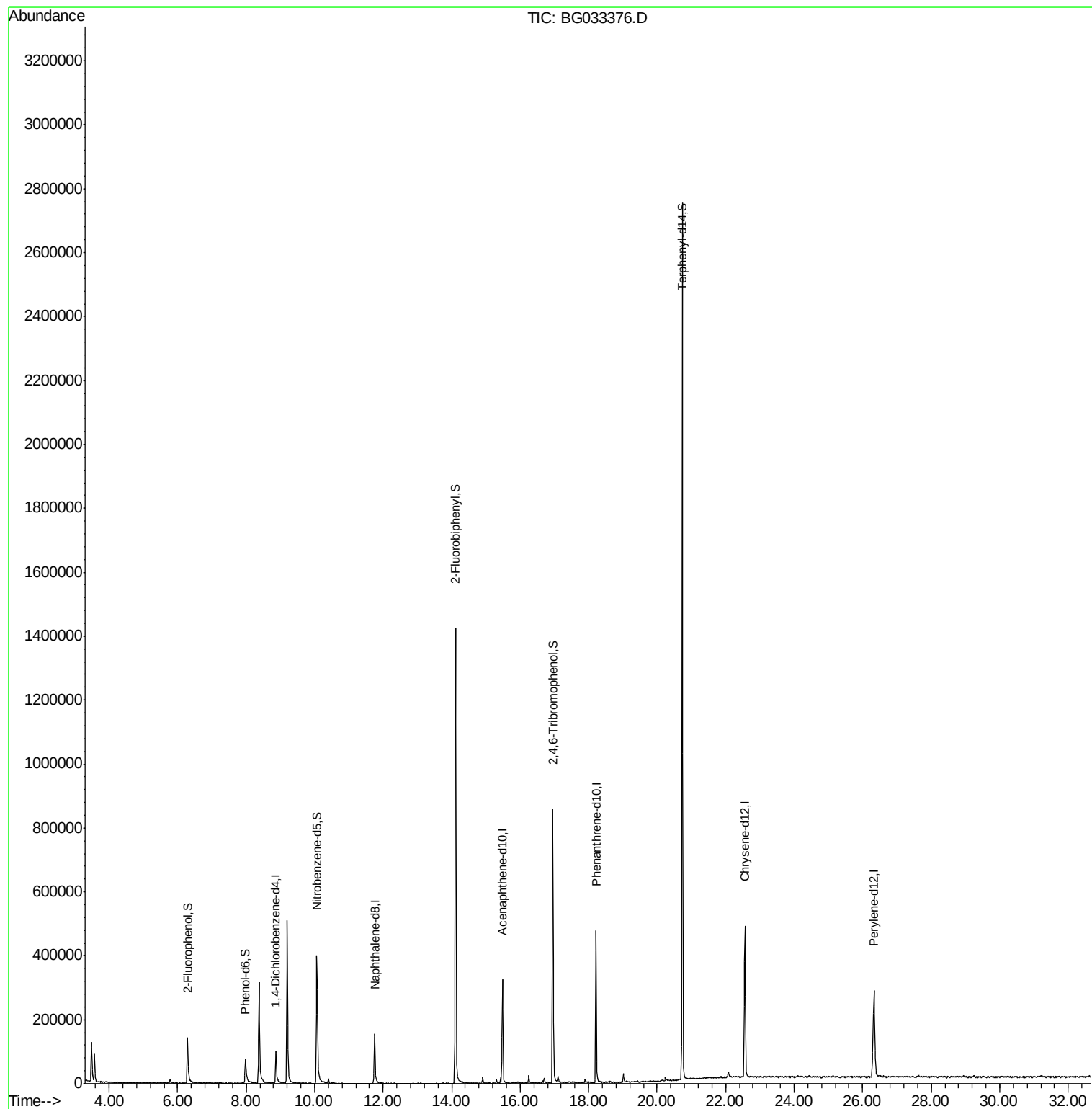
Target Compounds Qvalue

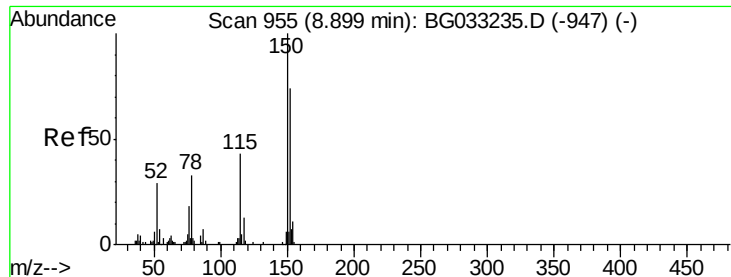
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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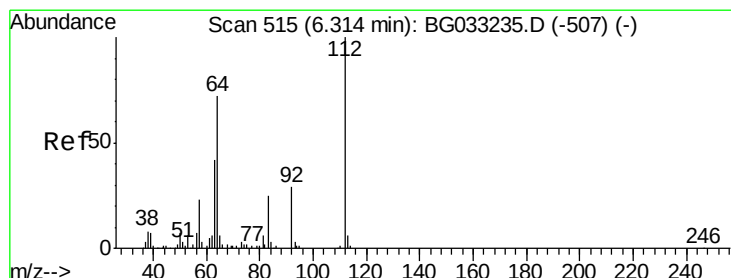
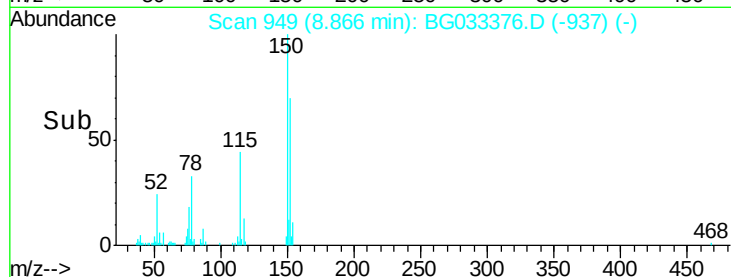
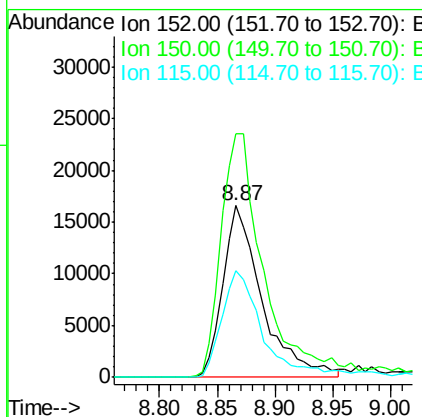
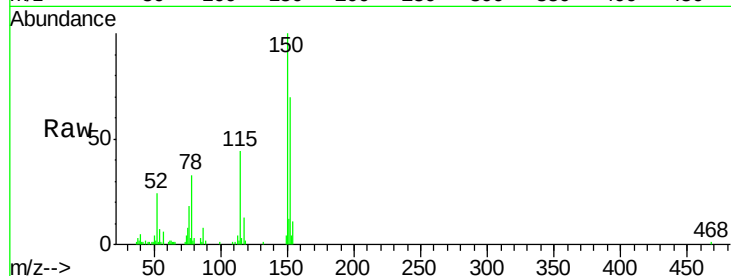


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Instrument :
BNA_G
ClientSampleId :
032418-JETT-E-D-M

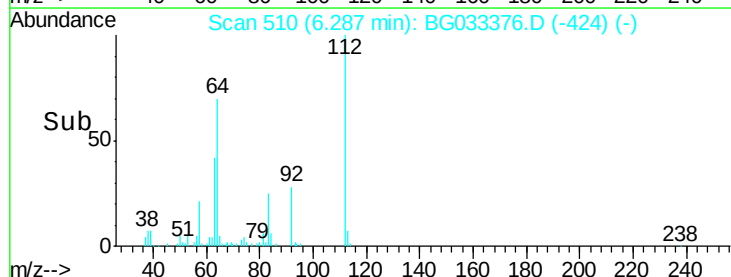
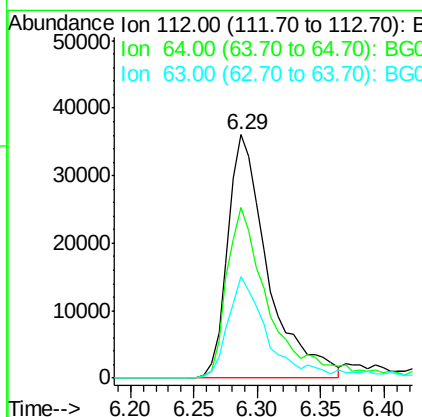
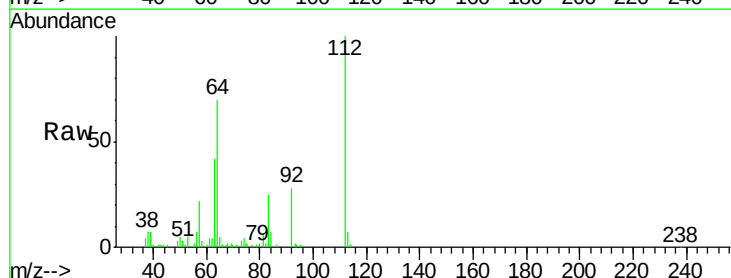
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	61.9	53.0	79.4

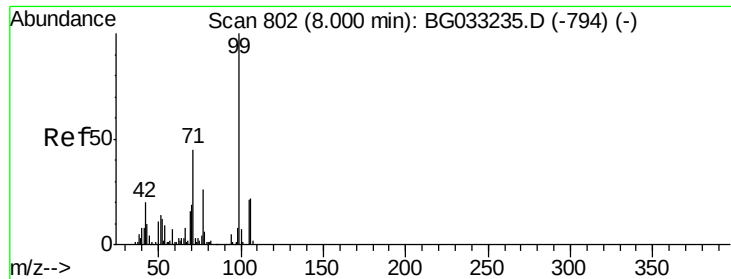


#5

2-Fluorophenol
Concen: 37.758 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	41.8	30.1	45.1





#7

Phenol-d6

Concen: 19.954 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-D-M

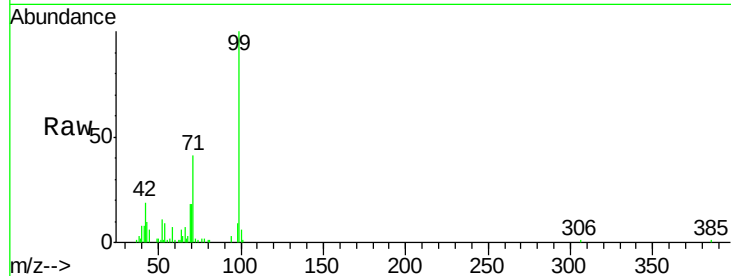
Tot Ion: 99 Resp: 71634

Ion Ratio Lower Upper

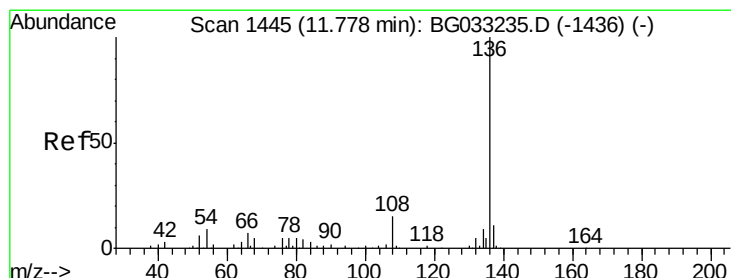
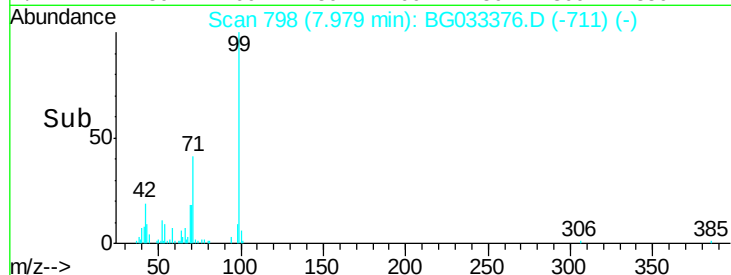
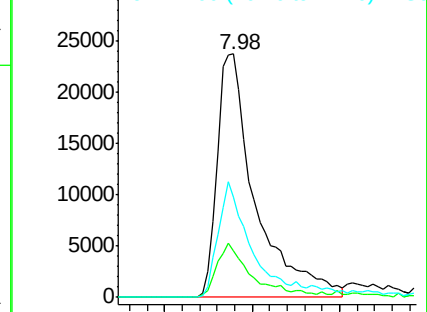
99 100

42 19.0 14.1 21.1

71 41.3 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Tgt Ion: 136 Resp: 161050

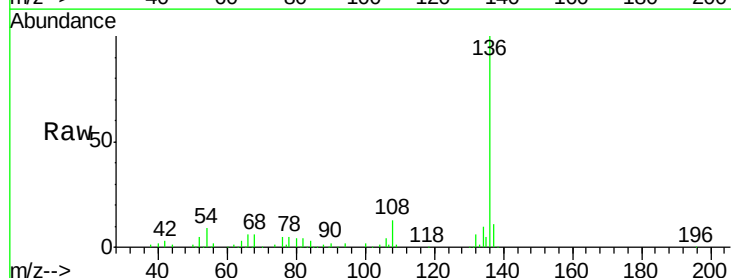
Ion Ratio Lower Upper

136 100

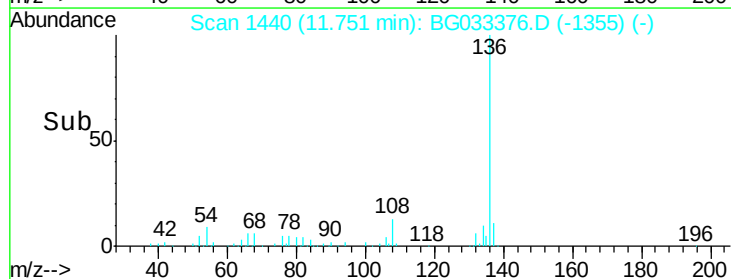
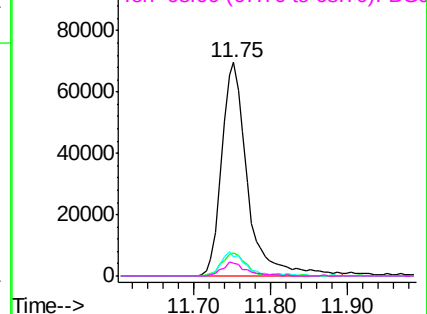
137 10.9 9.2 13.8

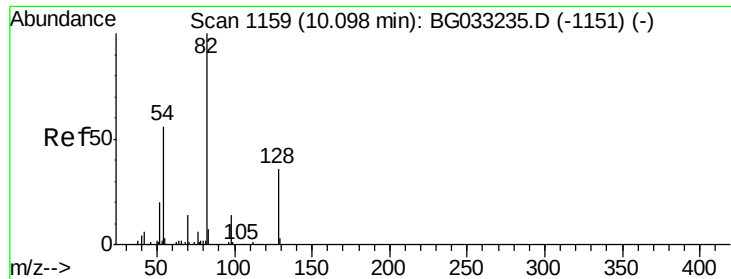
54 8.8 10.3 15.5#

68 6.3 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: 90.988 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-D-M

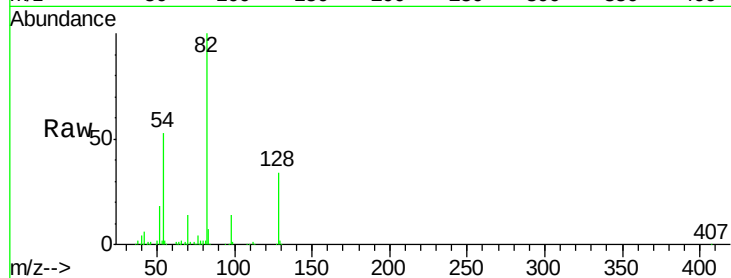
Tot Ion: 82 Resp: 318943

Ion Ratio Lower Upper

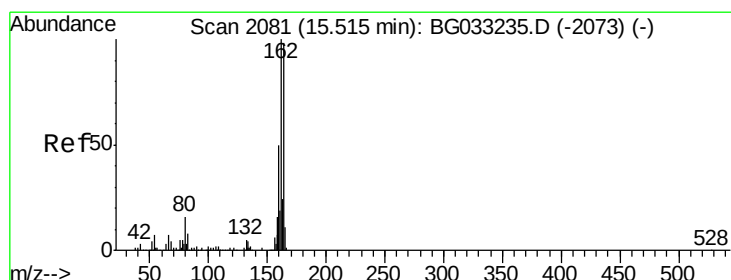
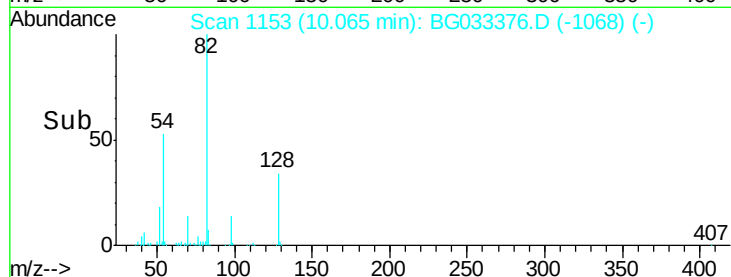
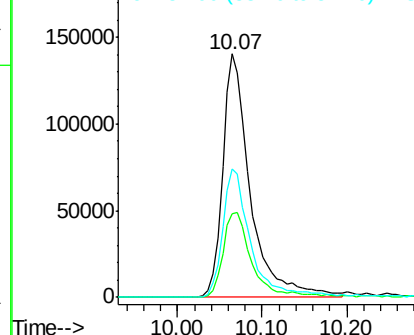
82 100

128 34.3 29.7 44.5

54 52.7 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: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

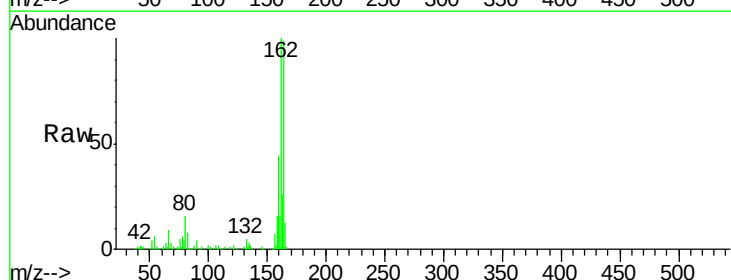
Tgt Ion: 164 Resp: 128159

Ion Ratio Lower Upper

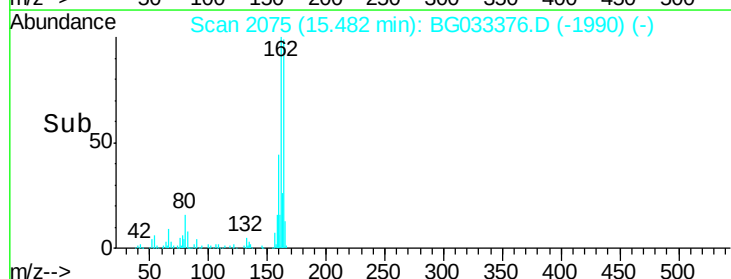
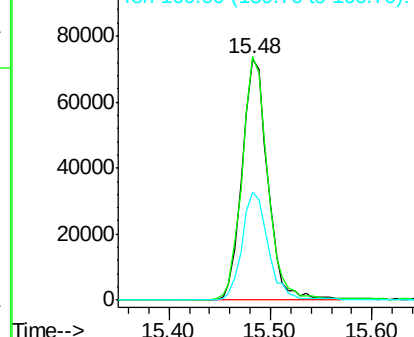
164 100

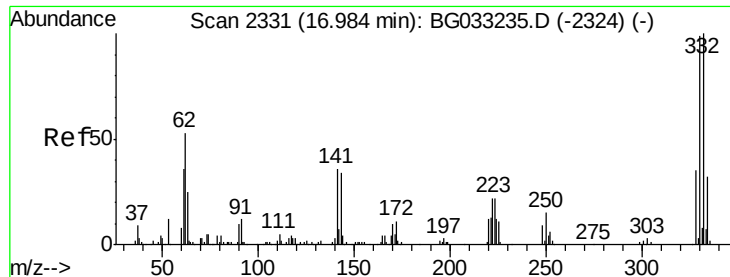
162 100.8 78.8 118.2

160 44.8 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

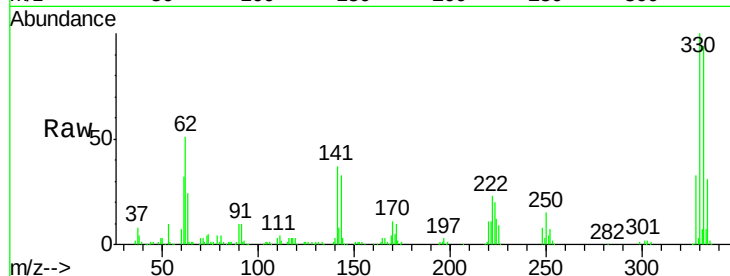




#41
 2,4,6-Tribromophenol
 Concen: 95.090 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033376.D
 Acq: 27 Mar 2018 23:58

Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	36.1	25.2	37.8

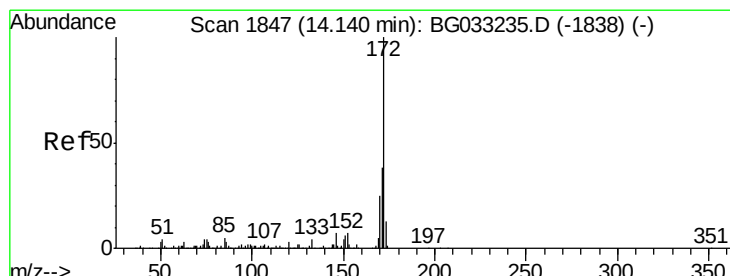
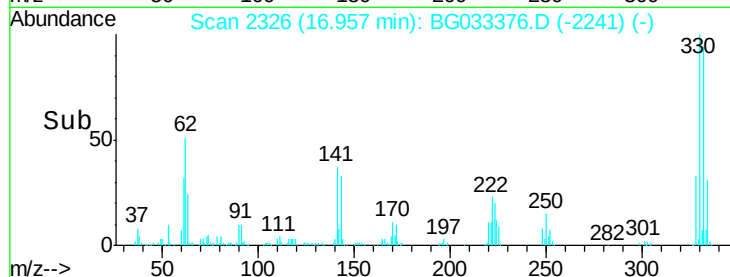
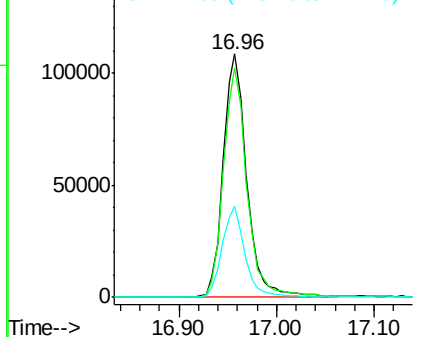


Abundance

Ion 329.80 (329.50 to 330.50): E

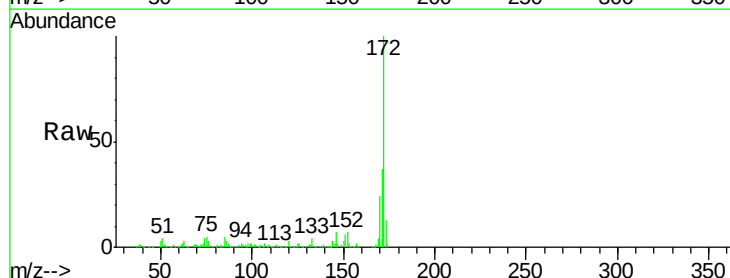
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.060 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033376.D
 Acq: 27 Mar 2018 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.2	19.5	29.3

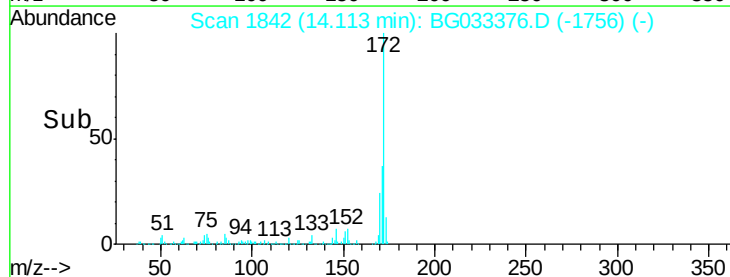
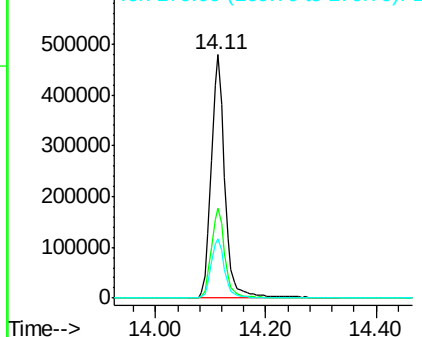


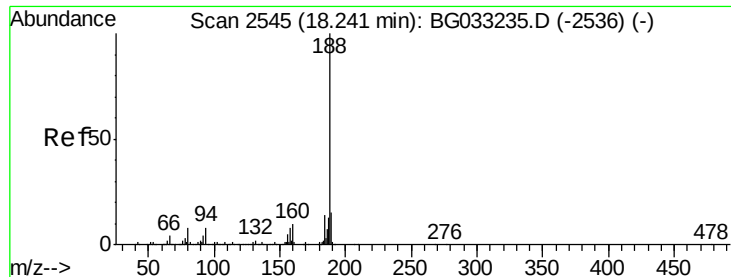
Abundance

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: BG033376.D

Acq: 27 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-D-M

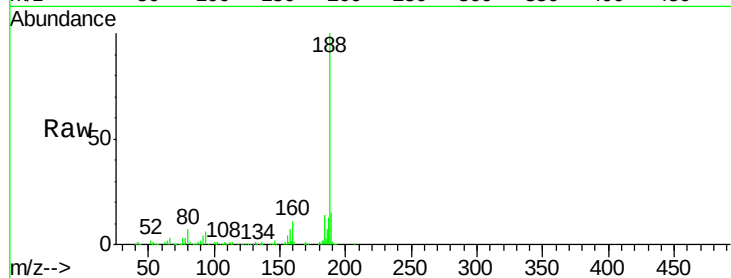
Tot Ion:188 Resp: 334111

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

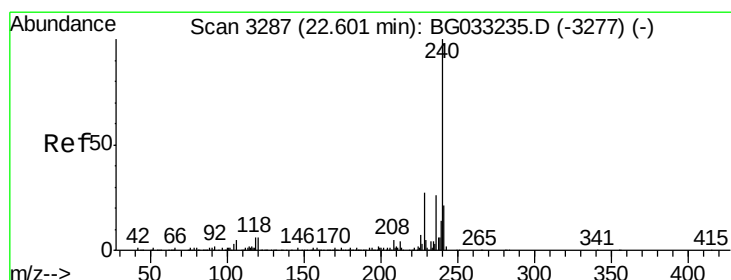
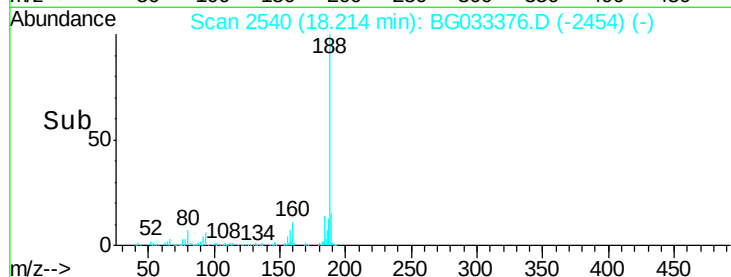
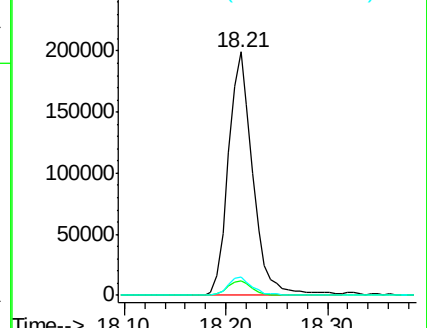
80 7.3 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

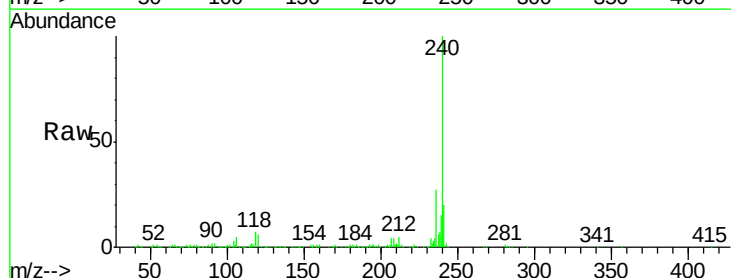
Tgt Ion:240 Resp: 355494

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

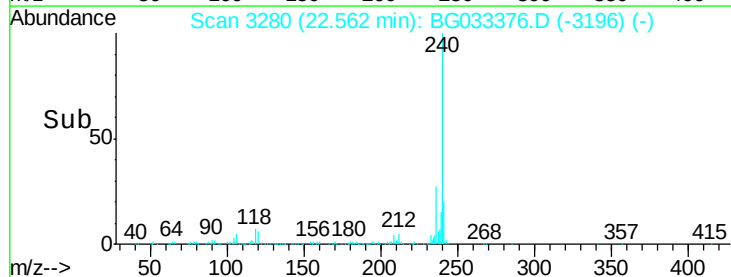
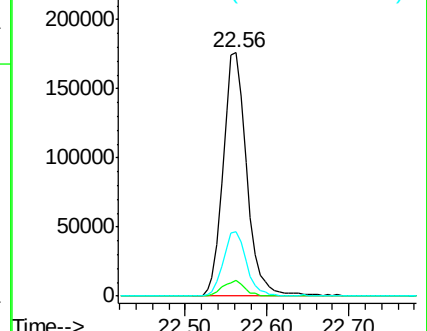
236 26.7 20.9 31.3

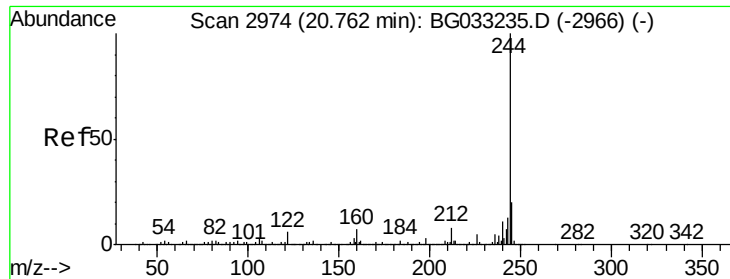


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.202 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-D-M

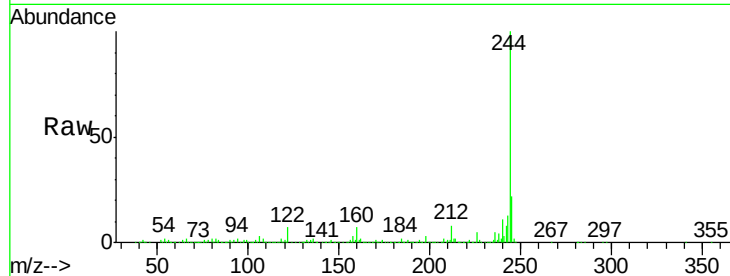
Tot Ion:244 Resp: 1399661

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

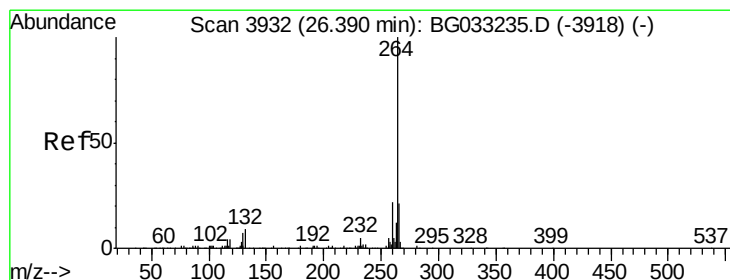
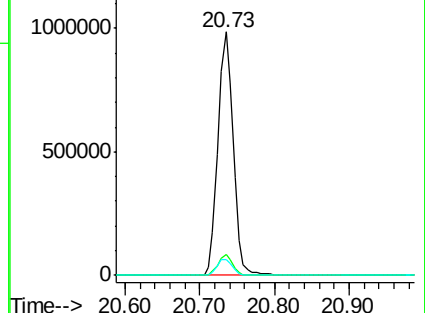
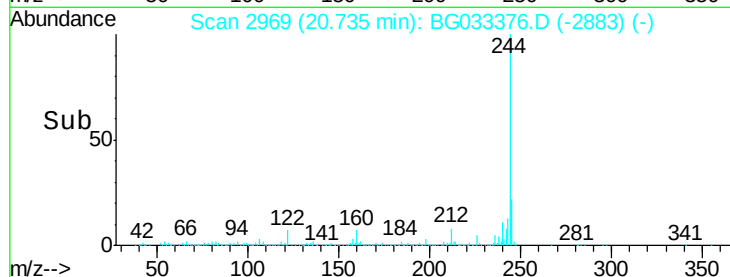
122 6.6 7.0 10.4#



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: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

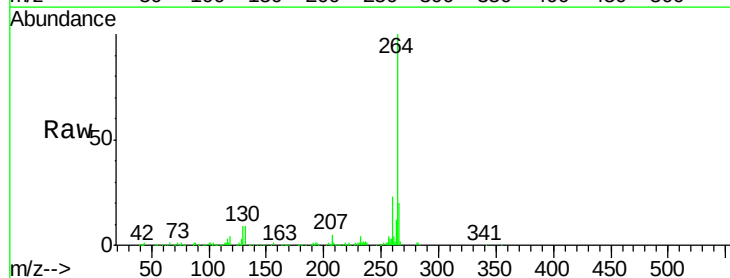
Tgt Ion:264 Resp: 379778

Ion Ratio Lower Upper

264 100

260 22.9 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

