

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033379.D
 Acq On : 28 Mar 2018 1:50
 Operator : SJ/JU
 Sample : J2061-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 28 08:50:59 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	41974	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	165440	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	132746	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	353500	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	354284	20.00	ng	-0.04
86) Perylene-d12	26.33	264	377189	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	101594	45.39	ng	-0.02
7) Phenol-d6	7.97	99	93988	24.44	ng	-0.02
23) Nitrobenzene-d5	10.07	82	350730	97.40	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	191436	96.42	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	871834	94.81	ng	-0.02
78) Terphenyl-d14	20.74	244	1484305	89.60	ng	-0.02

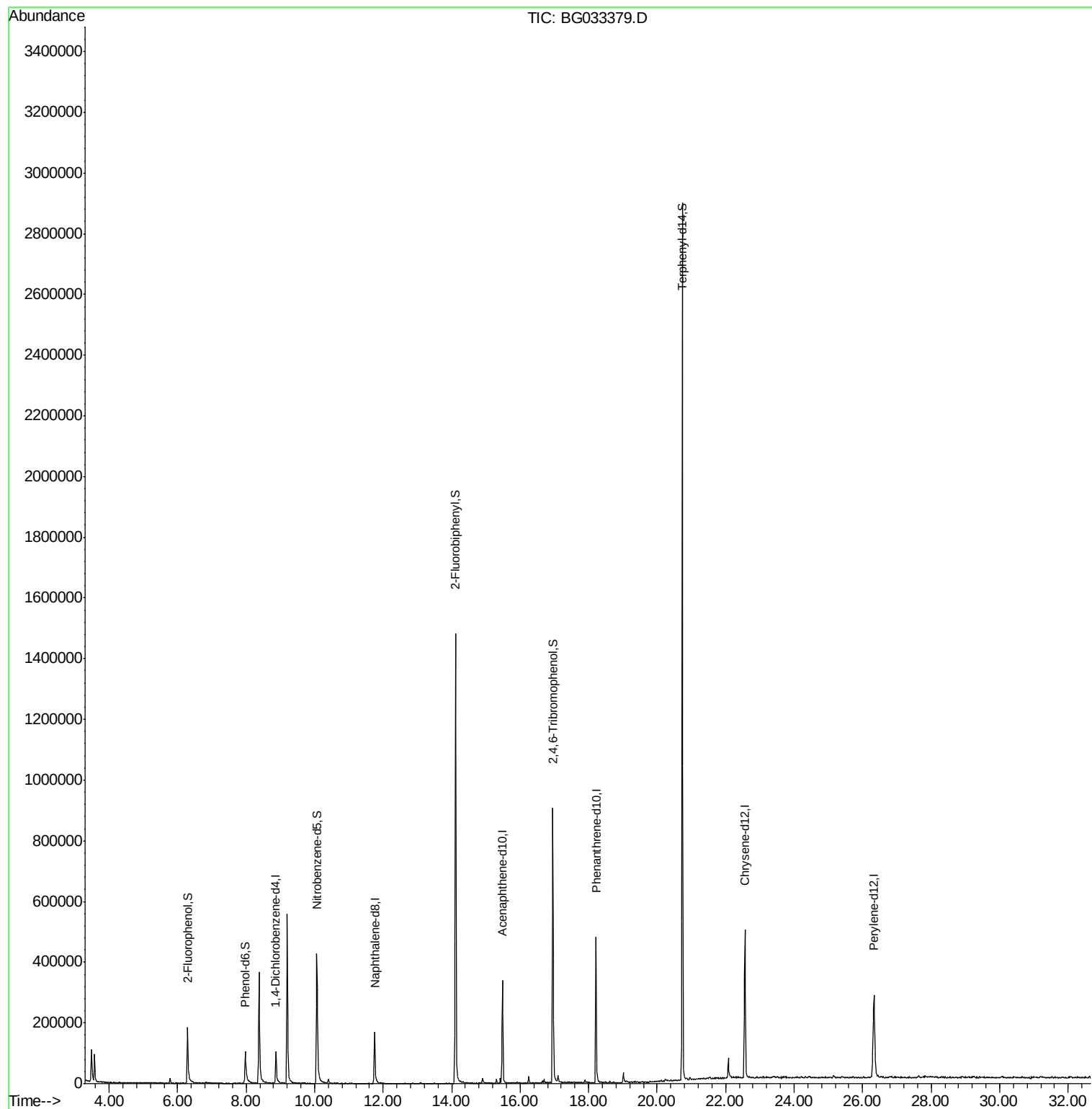
Target Compounds Qvalue

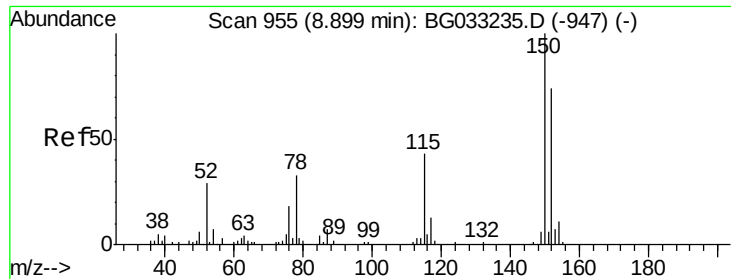
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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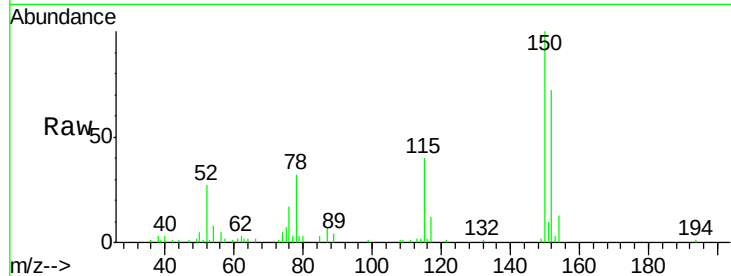


#1

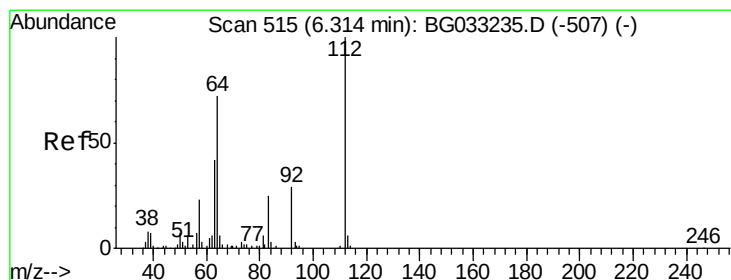
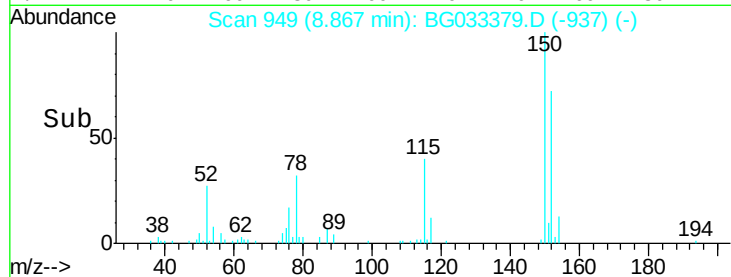
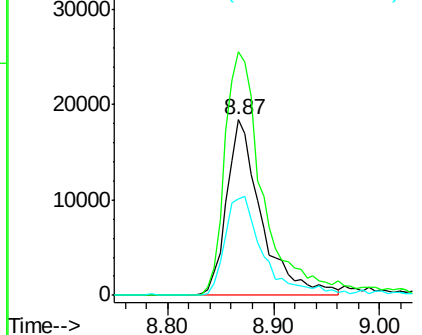
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.0	126.6	189.8
115	55.2	53.0	79.4



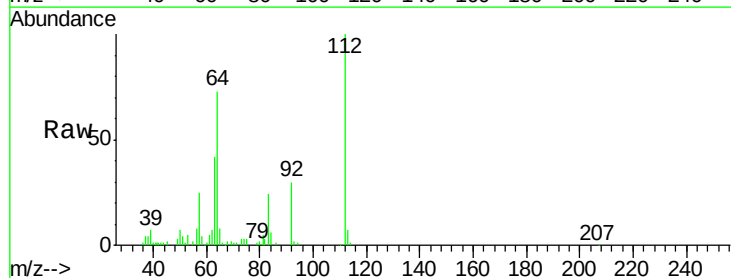
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



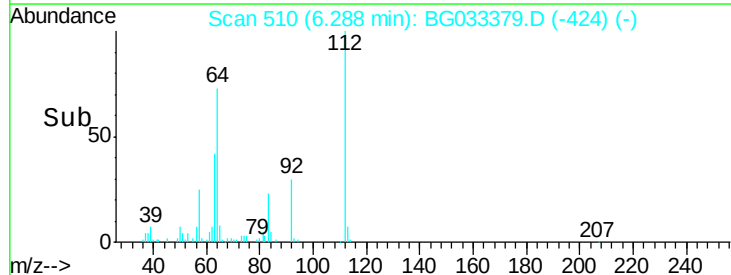
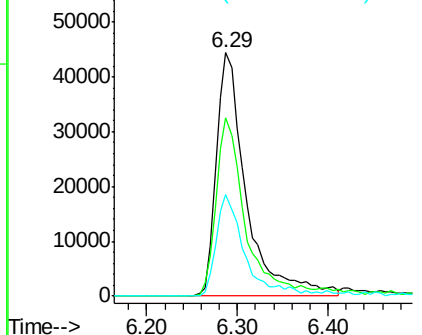
#5

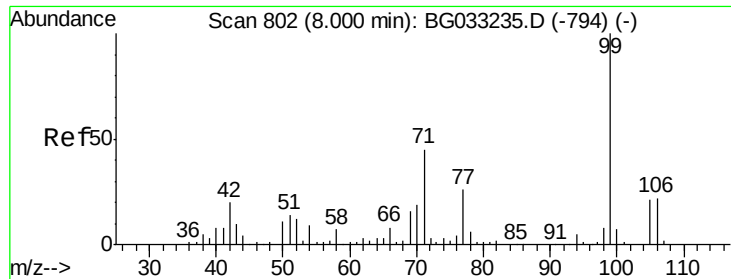
2-Fluorophenol
 Concen: 45.385 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	41.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.437 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033379.D

Acq: 28 Mar 2018 1:50

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-M

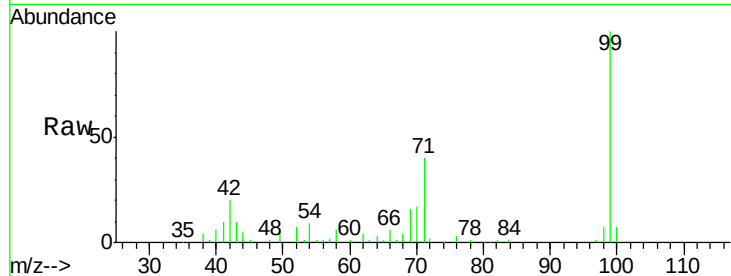
Tot Ion: 99 Resp: 93988

Ion Ratio Lower Upper

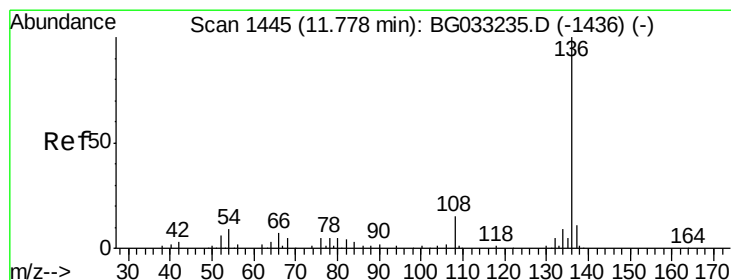
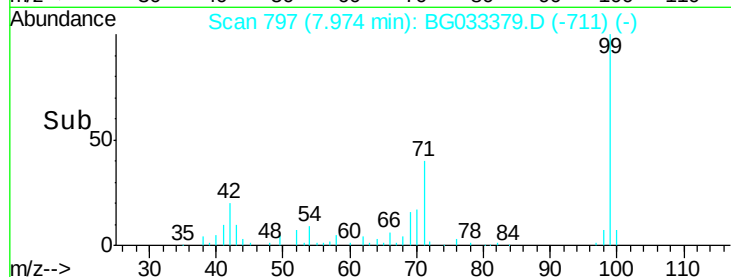
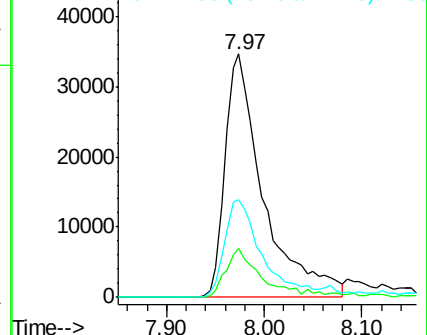
99 100

42 20.3 14.1 21.1

71 40.3 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: BG033379.D

Acq: 28 Mar 2018 1:50

Tgt Ion: 136 Resp: 165440

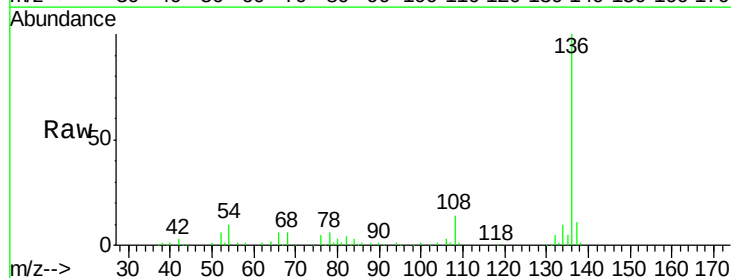
Ion Ratio Lower Upper

136 100

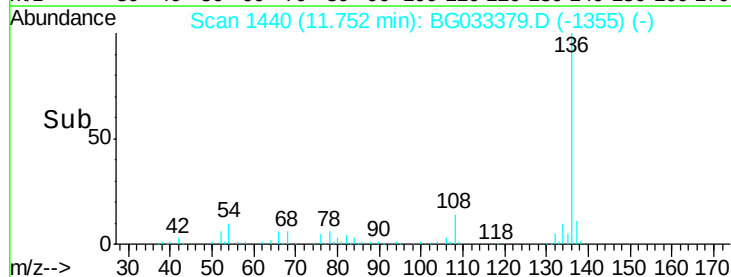
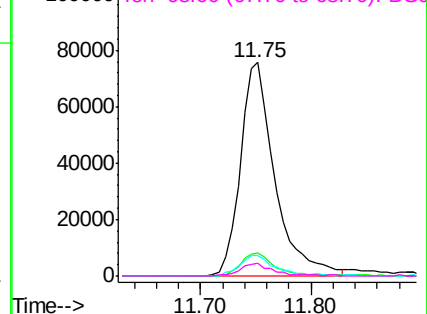
137 10.9 9.2 13.8

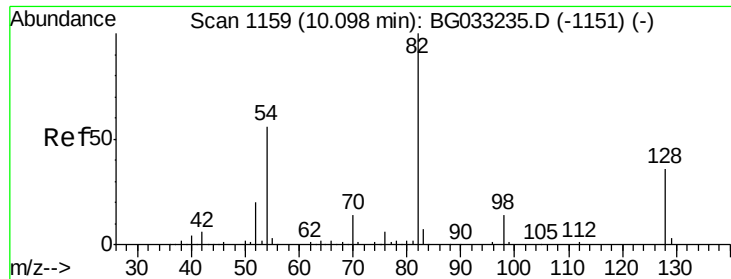
54 9.6 10.3 15.5#

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

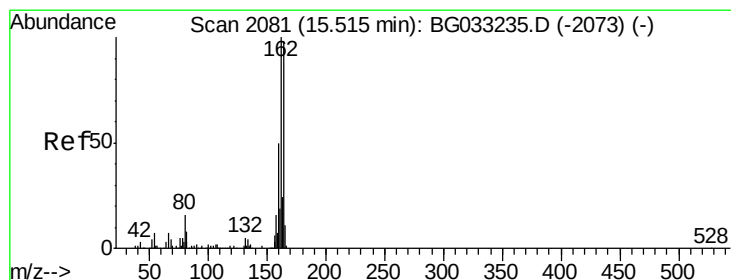
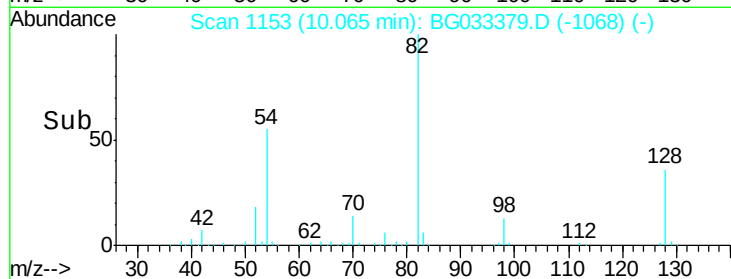
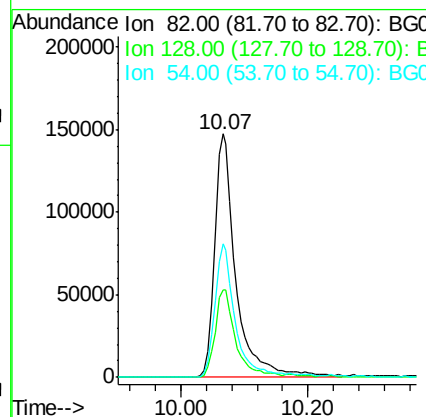
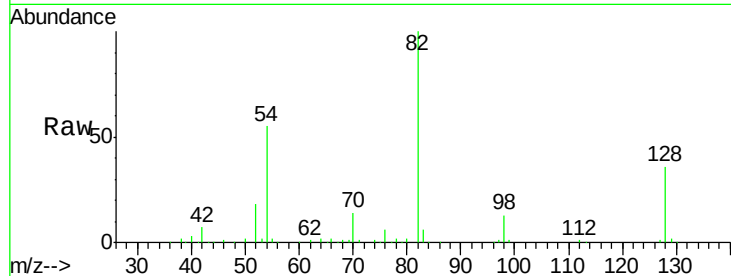




#23
 Nitrobenzene-d5
 Concen: 97.401 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

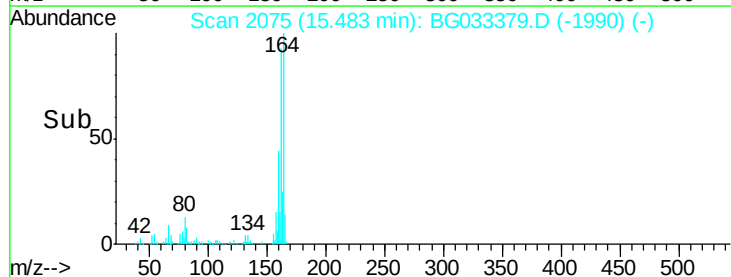
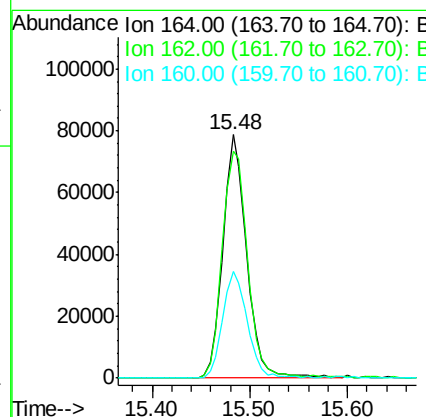
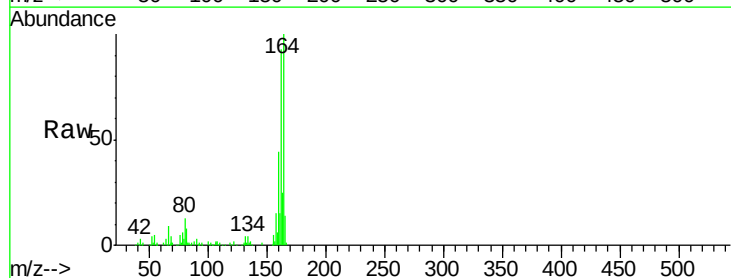
Instrument :
 BNA_G
 ClientSampleId :
 032418-JETT-E-U-M

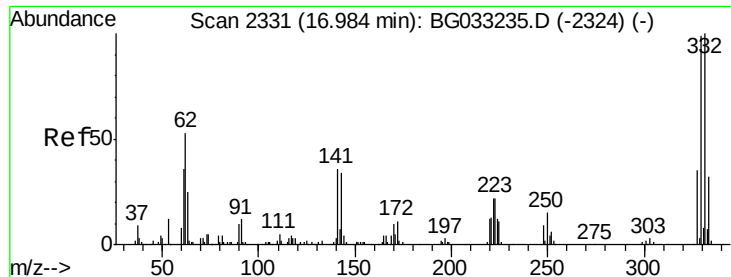
Tot Ion: 82 Resp: 350730
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 55.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

Tgt Ion: 164 Resp: 132746
 Ion Ratio Lower Upper
 164 100
 162 93.3 78.8 118.2
 160 43.7 35.4 53.0

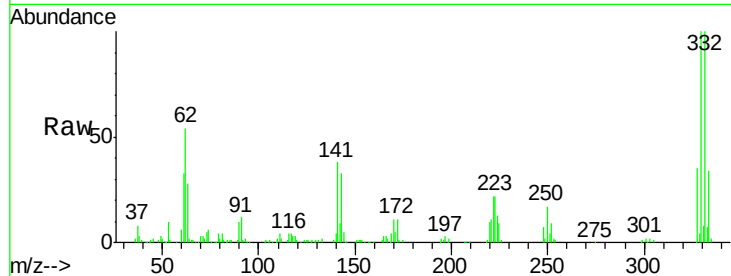




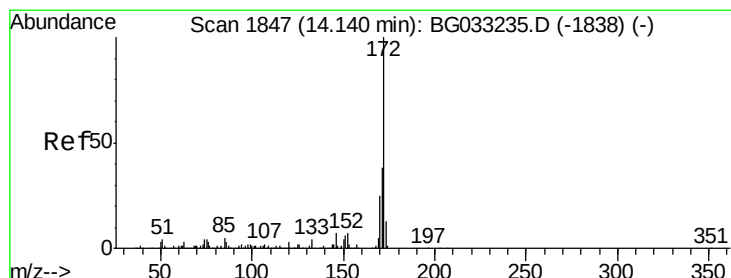
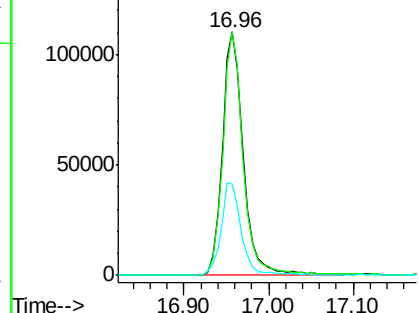
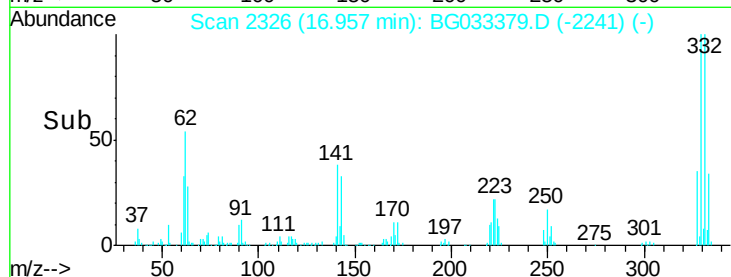
#41
 2,4,6-Tribromophenol
 Concen: 96.423 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.8	25.2	37.8

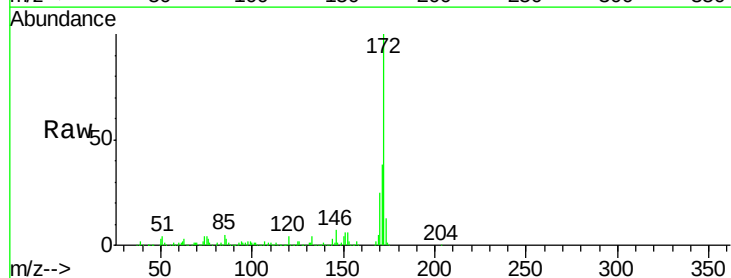


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

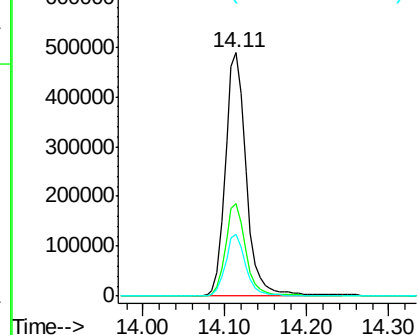
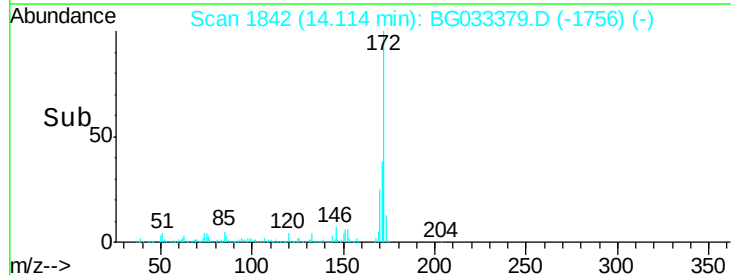


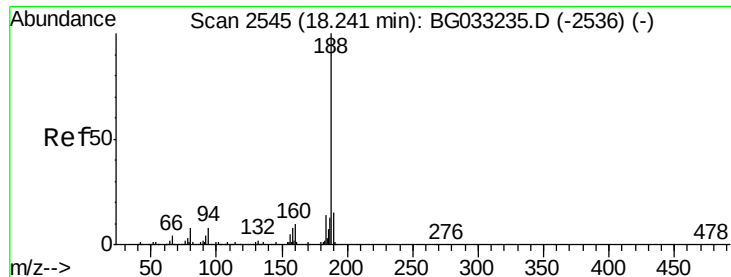
#44
 2-Fluorobiphenyl
 Concen: 94.813 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033379.D
 Acq: 28 Mar 2018 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.2	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: BG033379.D

Acq: 28 Mar 2018 1:50

Instrument :

BNA_G

ClientSampleId :

032418-JETT-E-U-M

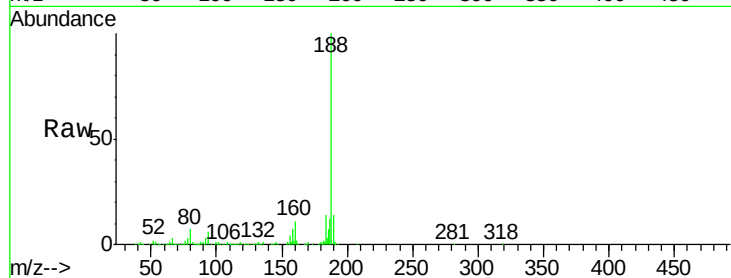
Tot Ion:188 Resp: 353500

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

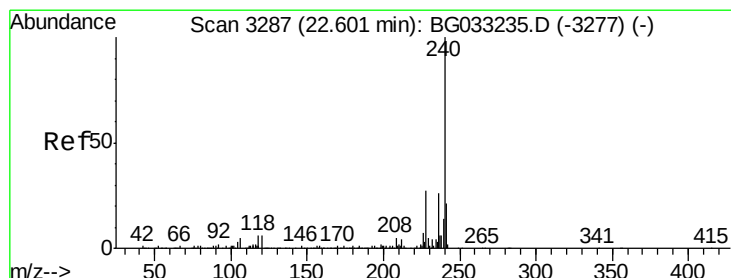
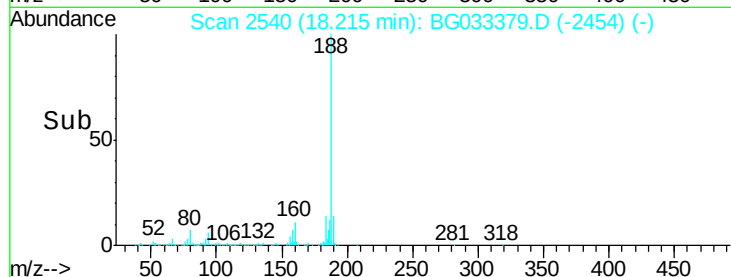
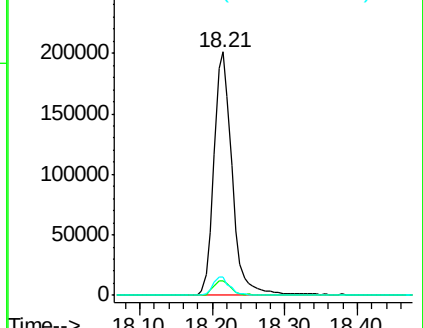
80 7.4 7.7 11.5#



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: BG033379.D

Acq: 28 Mar 2018 1:50

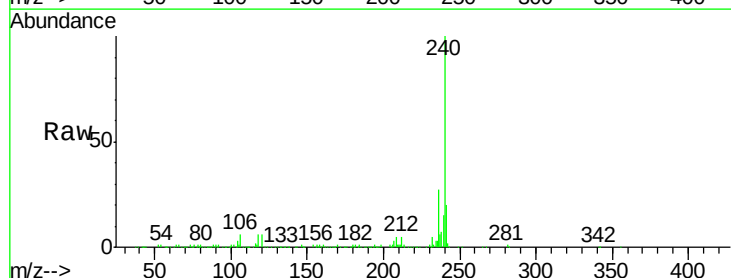
Tgt Ion:240 Resp: 354284

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

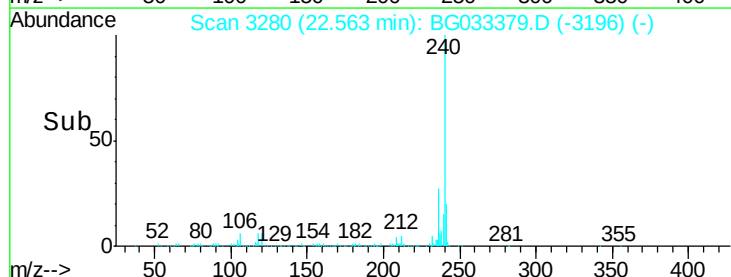
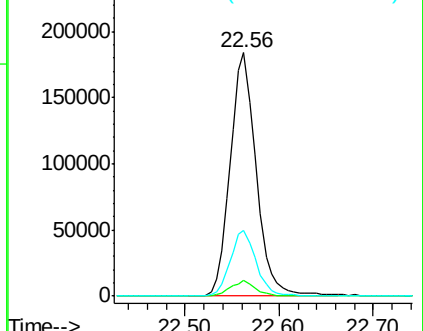
236 27.0 20.9 31.3

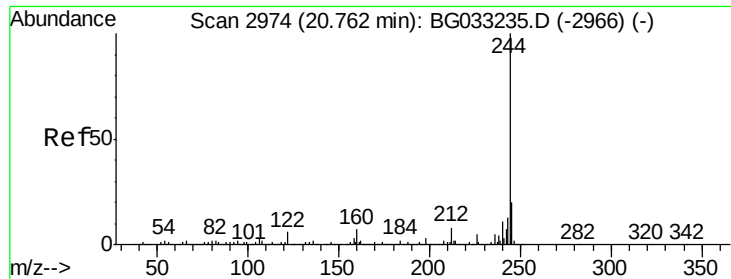


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.599 ng

RT: 20.74 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033379.D

Acq: 28 Mar 2018 1:50

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032418-JETT-E-U-M

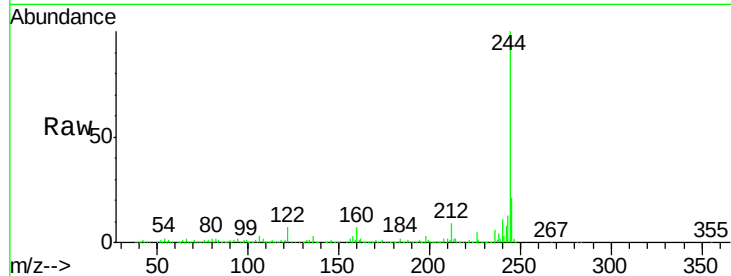
Tot Ion:244 Resp: 1484305

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

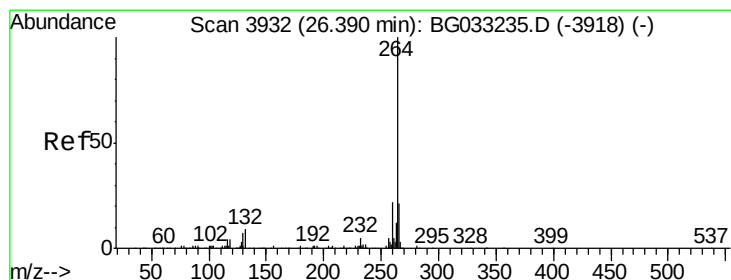
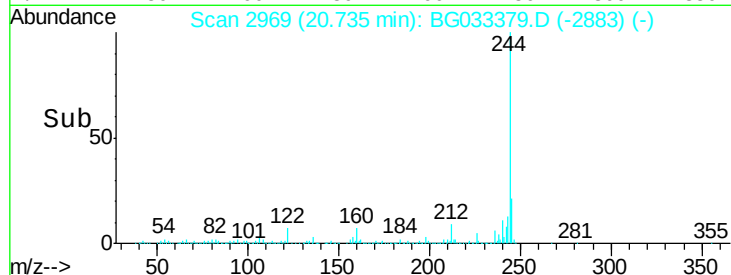
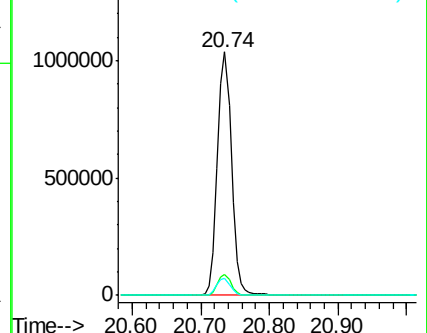
122 6.9 7.0 10.4#



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: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033379.D

Acq: 28 Mar 2018 1:50

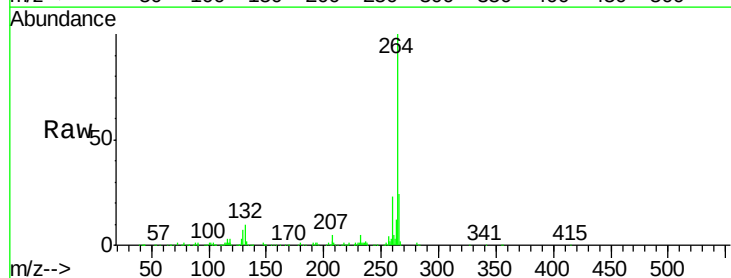
Tgt Ion:264 Resp: 377189

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 24.1 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

