

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031818.D
 Acq On : 28 Dec 2017 5:18
 Operator : SJ/JU
 Sample : I7010-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-D-S

Quant Time: Dec 28 08:04:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	55300	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	227964	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	156060	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	403382	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	476222	20.00	ng	-0.06
86) Perylene-d12	26.26	264	502309	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	105861	34.87	ng	-0.02
7) Phenol-d6	7.90	99	80415	20.40	ng	-0.03
23) Nitrobenzene-d5	10.00	82	286598	94.93	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	243757	102.36	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	1064466	85.61	ng	-0.04
78) Terphenyl-d14	20.70	244	1737535	83.36	ng	-0.04

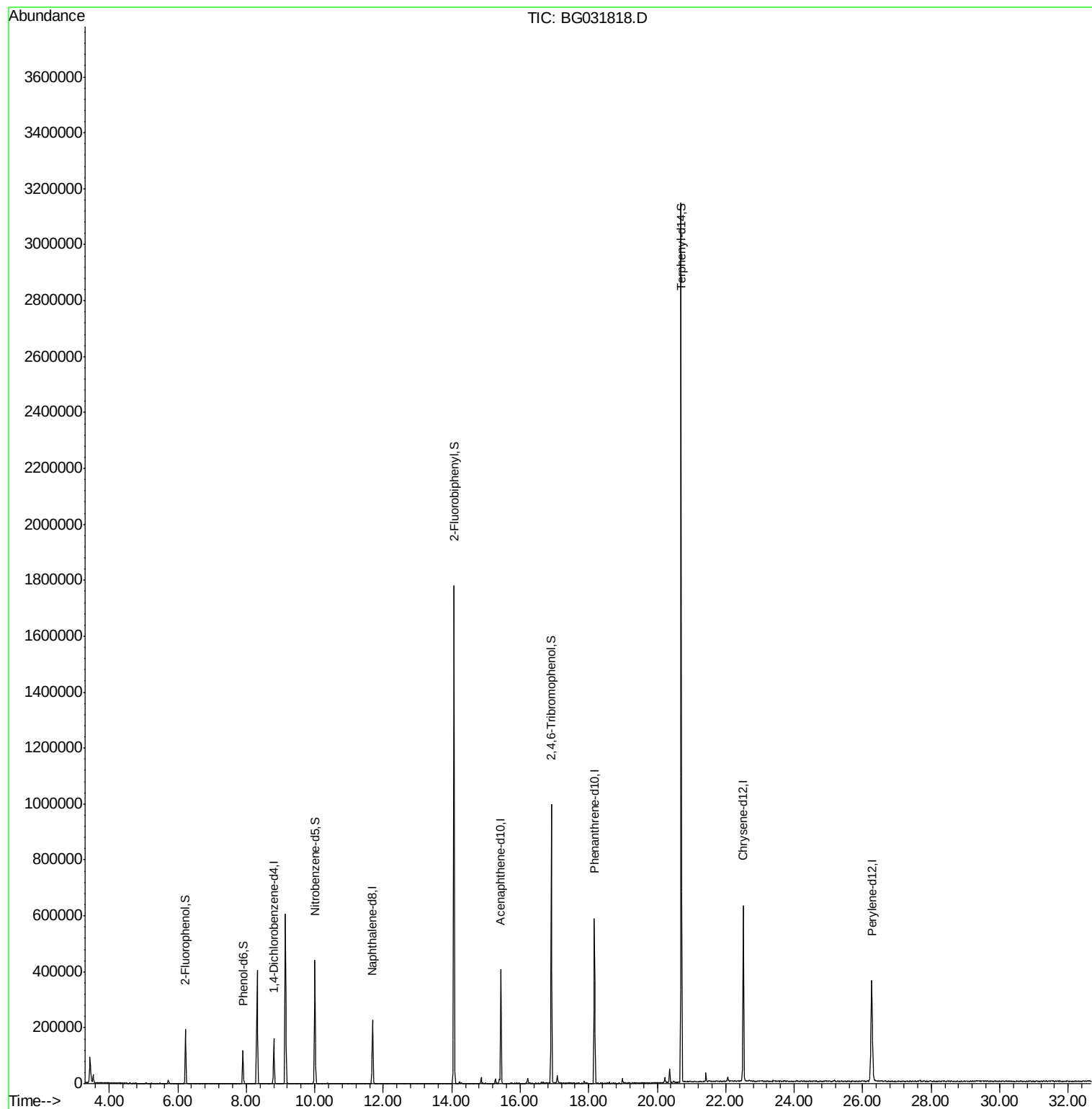
Target Compounds Qvalue

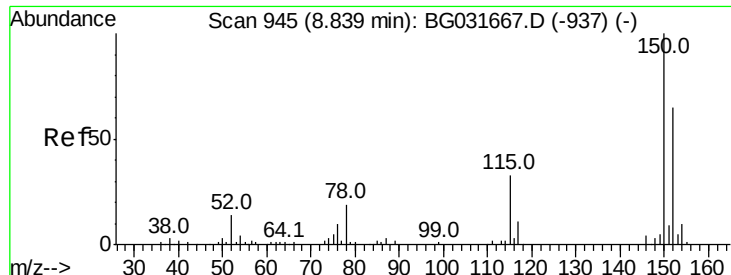
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031818.D

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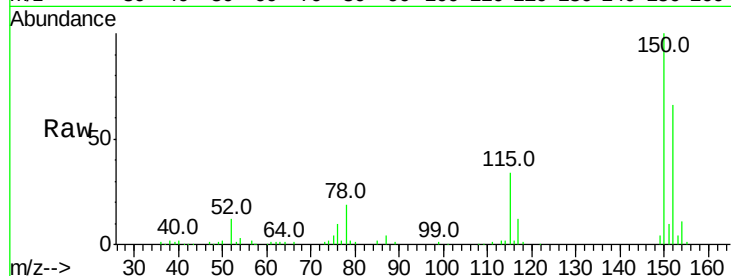
Tot Ion:152 Resp: 55300

Ion Ratio Lower Upper

152 100

150 151.2 126.6 189.8

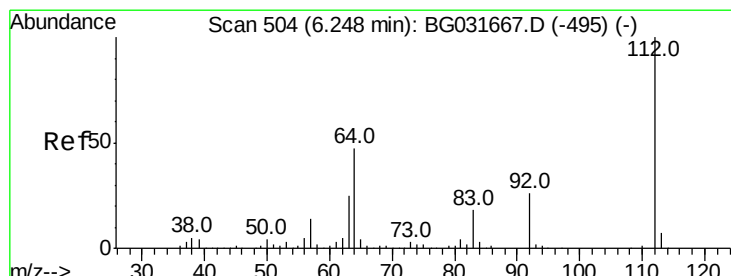
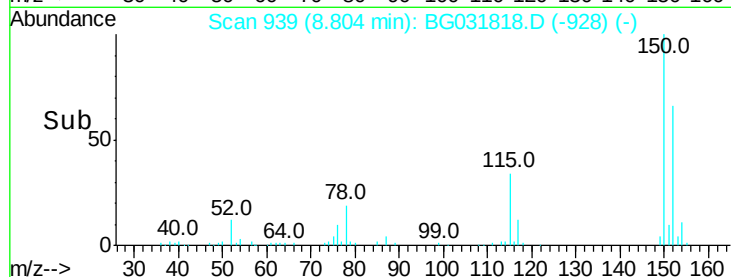
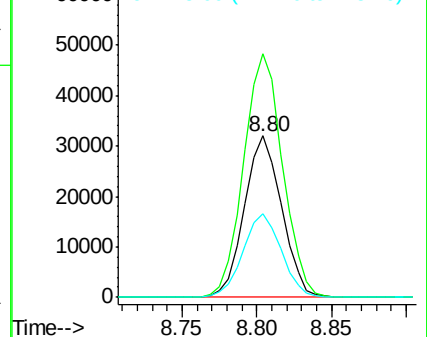
115 51.7 53.0 79.4#



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: 34.867 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031818.D

Acq: 28 Dec 2017 5:18

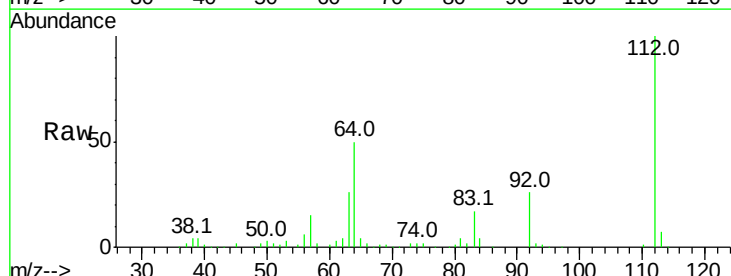
Tgt Ion:112 Resp: 105861

Ion Ratio Lower Upper

112 100

64 50.4 56.3 84.5#

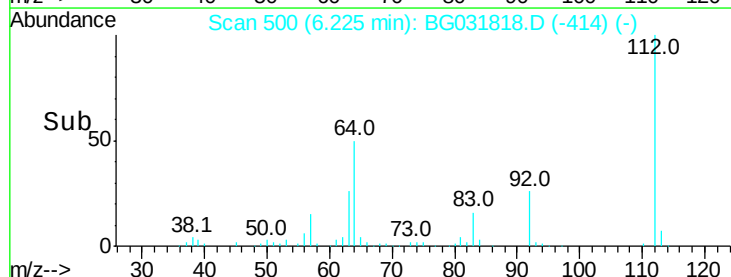
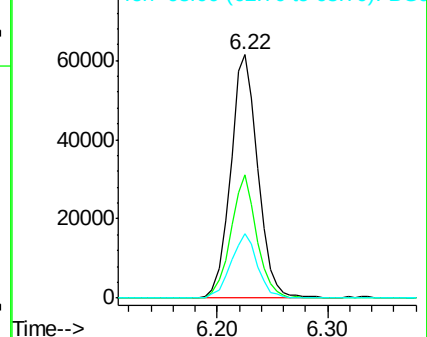
63 26.5 30.1 45.1#

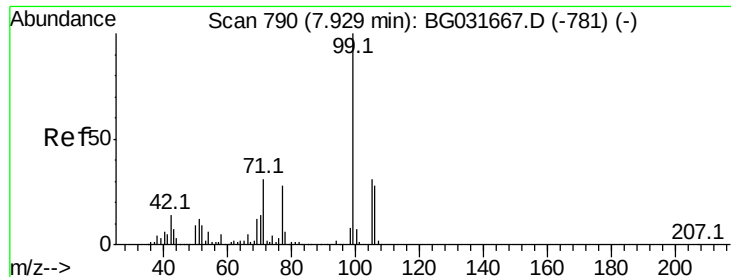


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.400 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031818.D

Acq: 28 Dec 2017 5:18

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-D-S

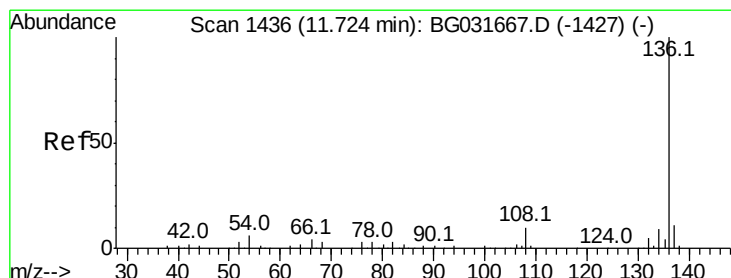
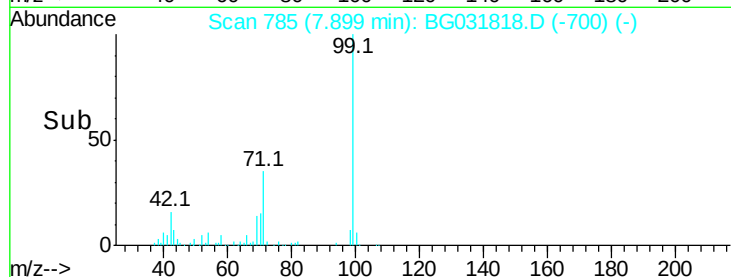
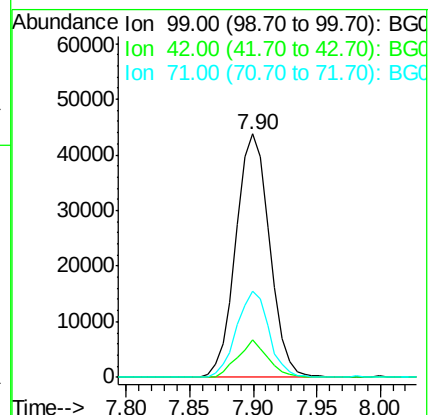
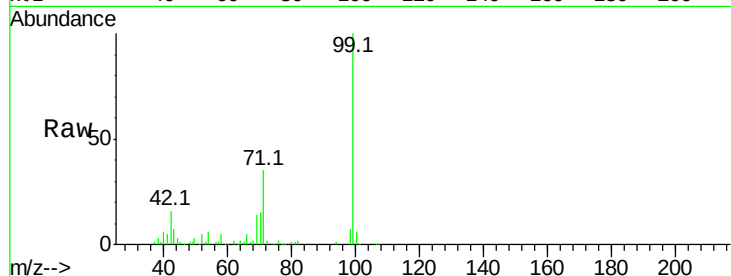
Tot Ion: 99 Resp: 80415

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 35.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031818.D

Acq: 28 Dec 2017 5:18

Tgt Ion: 136 Resp: 227964

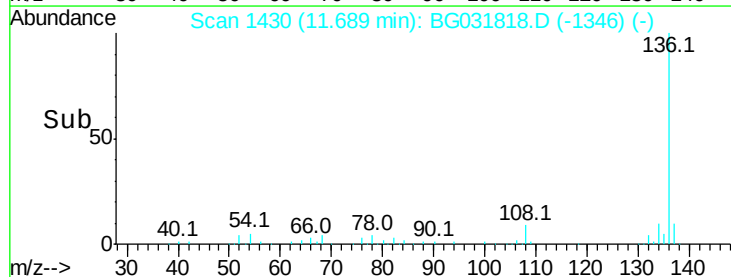
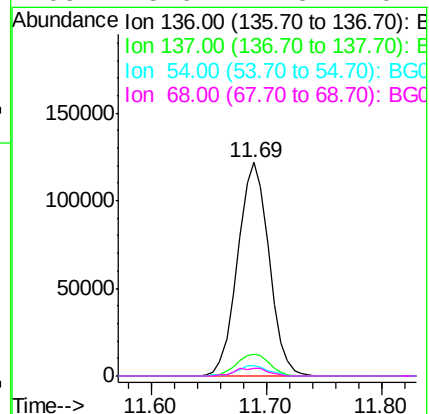
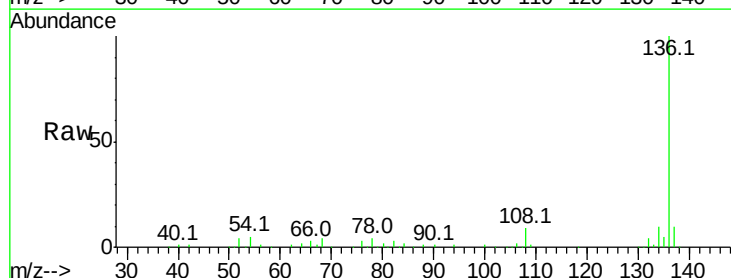
Ion Ratio Lower Upper

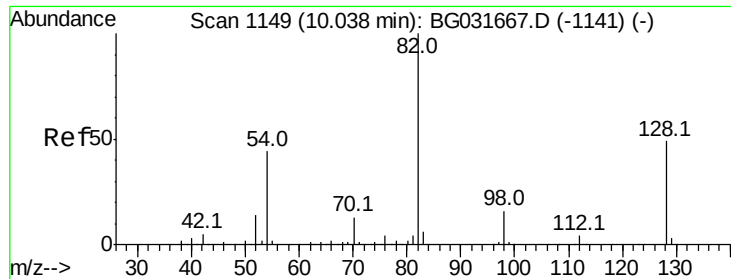
136 100

137 10.4 9.2 13.8

54 4.8 10.3 15.5#

68 3.6 4.5 6.7#

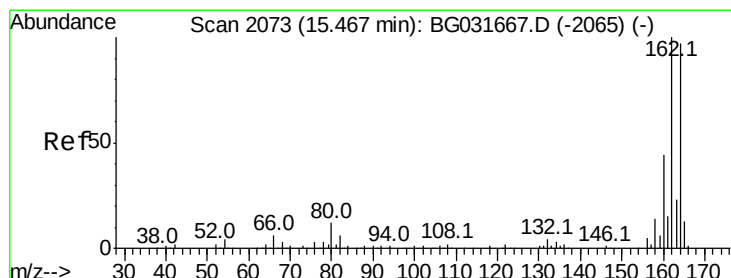
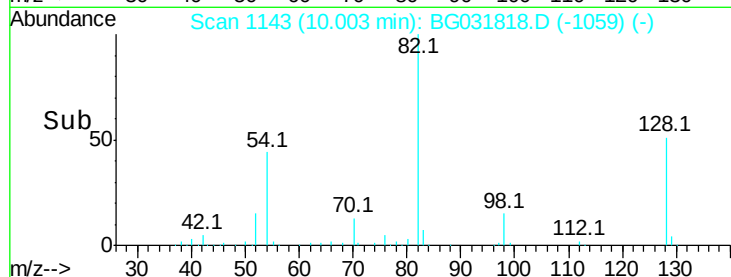
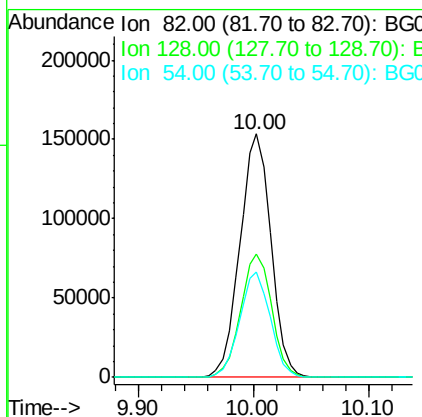
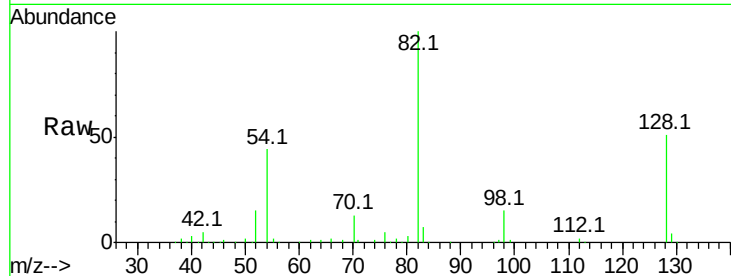




#23
 Nitrobenzene-d5
 Concen: 94.934 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031818.D
 Acq: 28 Dec 2017 5:18

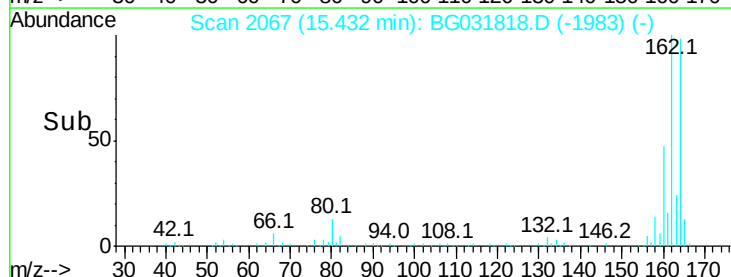
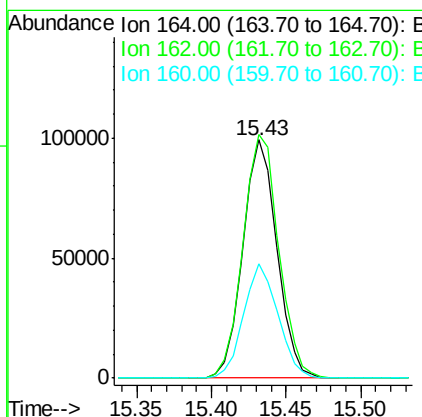
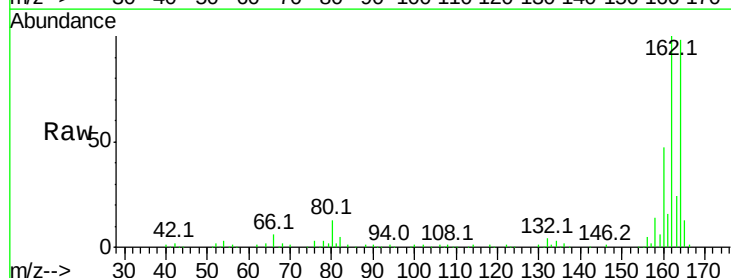
Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-D-S

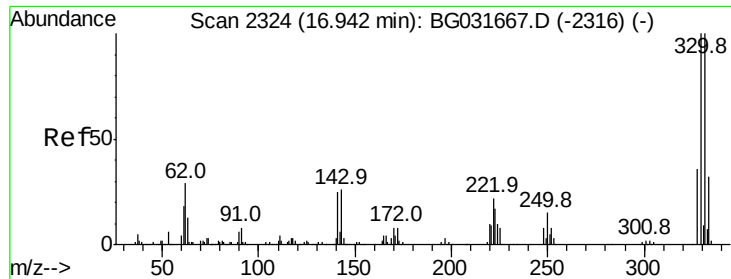
Tot Ion	82	Resp	286598
Ion Ratio	Lower	Upper	
82	100		
128	50.9	29.7	44.5#
54	43.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG031818.D
 Acq: 28 Dec 2017 5:18

Tgt Ion	164	Resp	156060
Ion Ratio	Lower	Upper	
164	100		
162	102.3	78.8	118.2
160	48.0	35.4	53.0

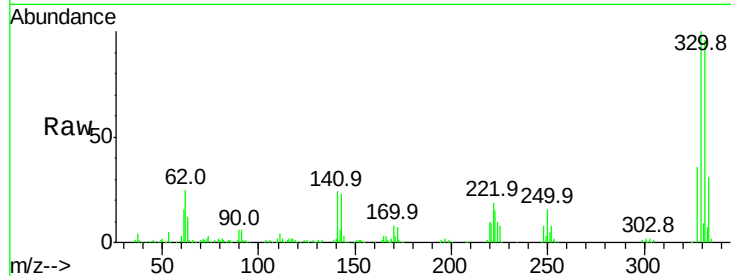




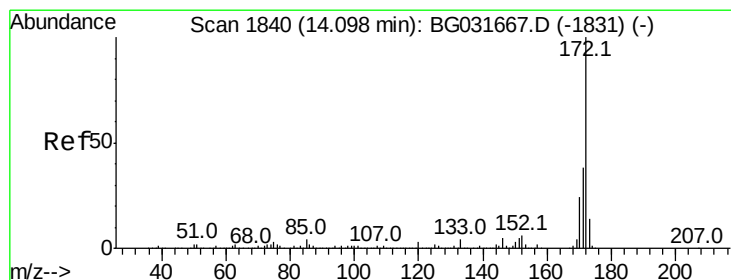
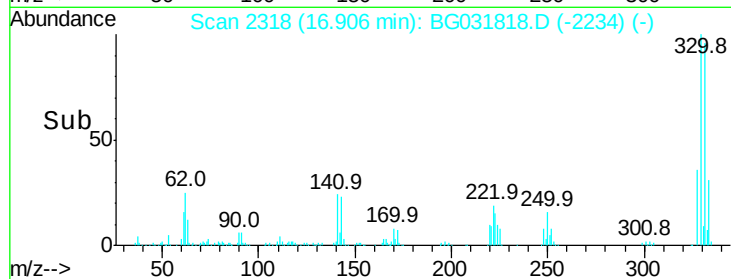
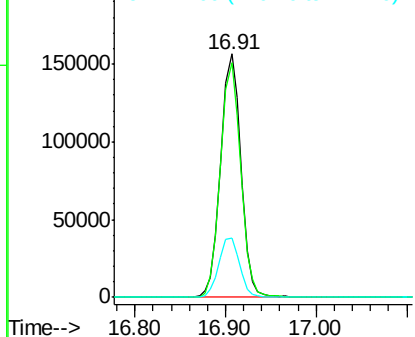
#41
 2,4,6-Tribromophenol
 Concen: 102.365 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031818.D
 Acq: 28 Dec 2017 5:18

Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.1	25.2	37.8#

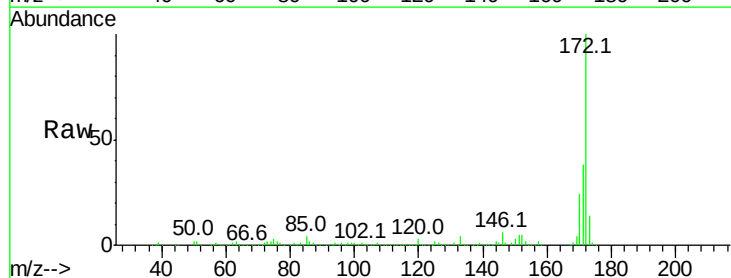


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

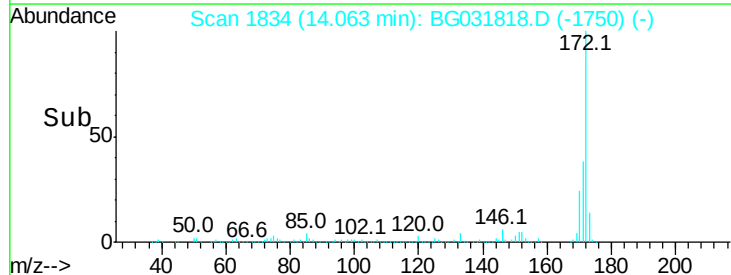
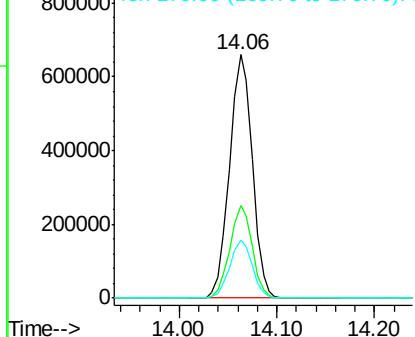


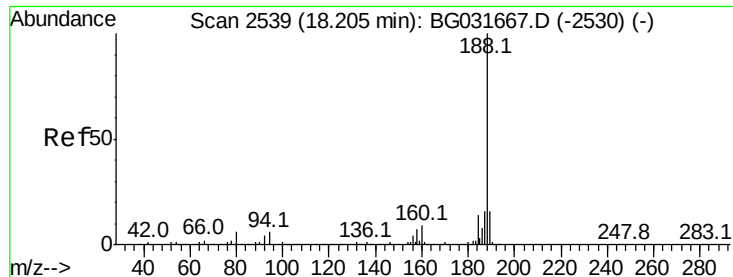
#44
 2-Fluorobiphenyl
 Concen: 85.611 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031818.D
 Acq: 28 Dec 2017 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.6	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

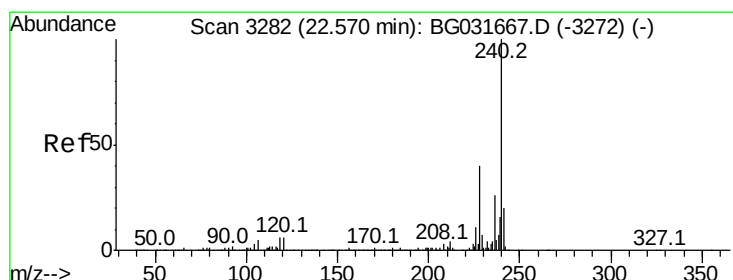
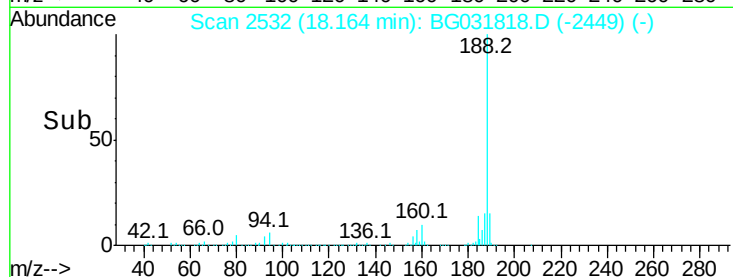
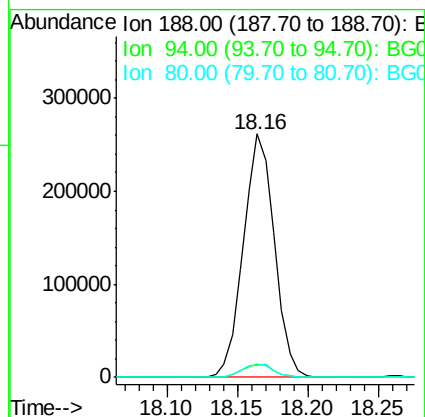
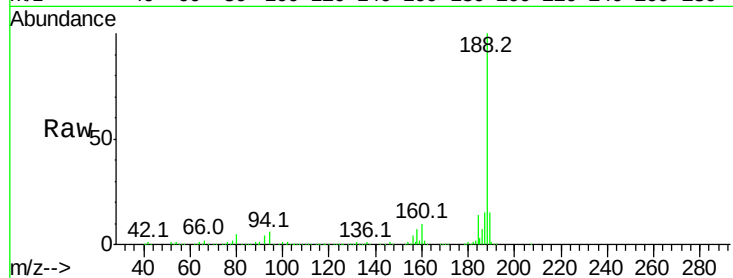




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

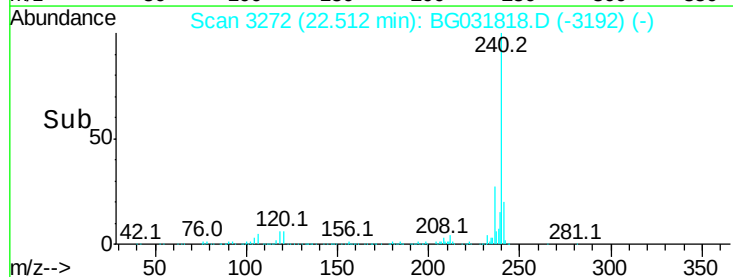
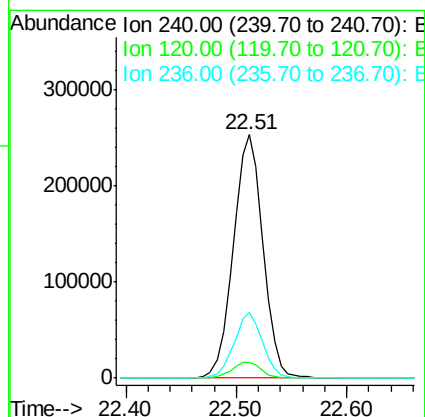
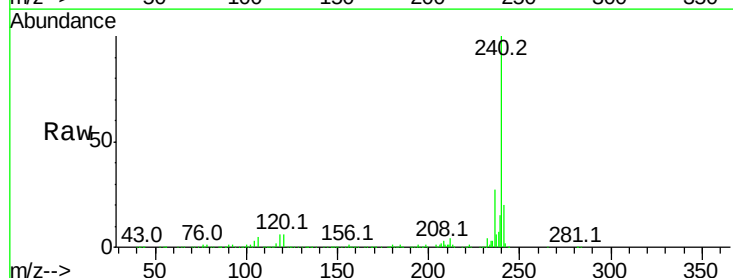
Instrument :
BNA_G
ClientSampleId :
122017-JETT-F-D-S

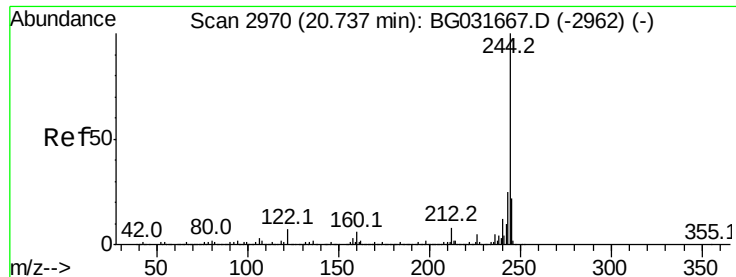
Tot Ion:188 Resp: 403382
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:240 Resp: 476222
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 83.357 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031818.D

Acq: 28 Dec 2017 5:18

Instrument :

BNA_G

ClientSampleId :

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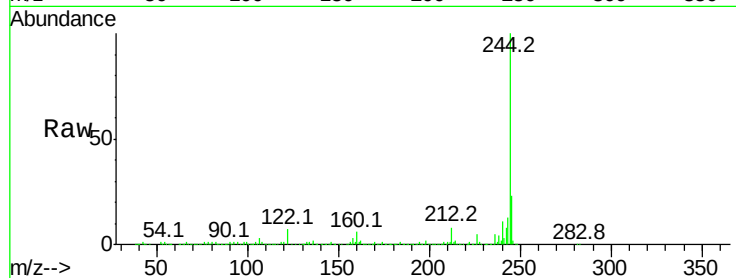
Tot Ion:244 Resp: 1737535

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

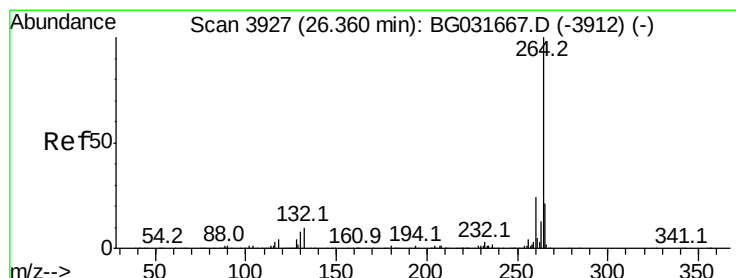
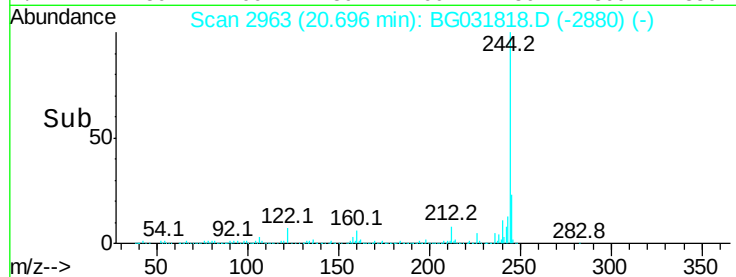
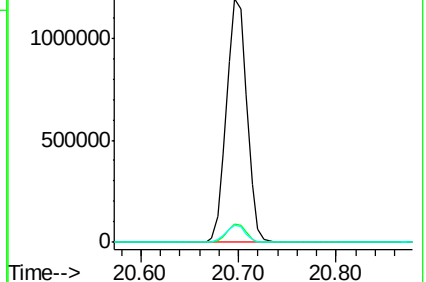
122 7.2 7.0 10.4



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: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031818.D

Acq: 28 Dec 2017 5:18

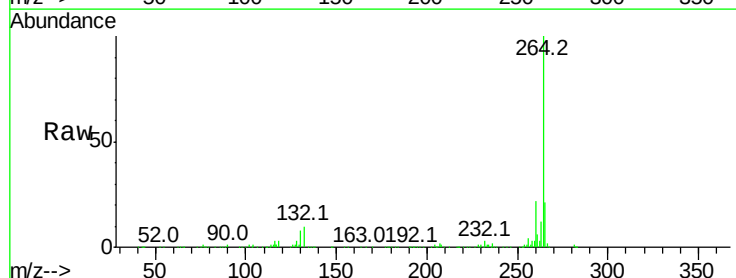
Tgt Ion:264 Resp: 502309

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.3 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

