

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031816.D
 Acq On : 28 Dec 2017 4:03
 Operator : SJ/JU
 Sample : I7010-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 28 08:01:38 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	46582	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	190448	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	142129	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	382580	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	470257	20.00	ng	-0.06
86) Perylene-d12	26.26	264	494059	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	91779	35.89	ng	-0.03
7) Phenol-d6	7.90	99	74606	22.47	ng	-0.03
23) Nitrobenzene-d5	10.00	82	248906	98.69	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	226434	104.41	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	968771	85.55	ng	-0.04
78) Terphenyl-d14	20.70	244	1757280	85.37	ng	-0.04

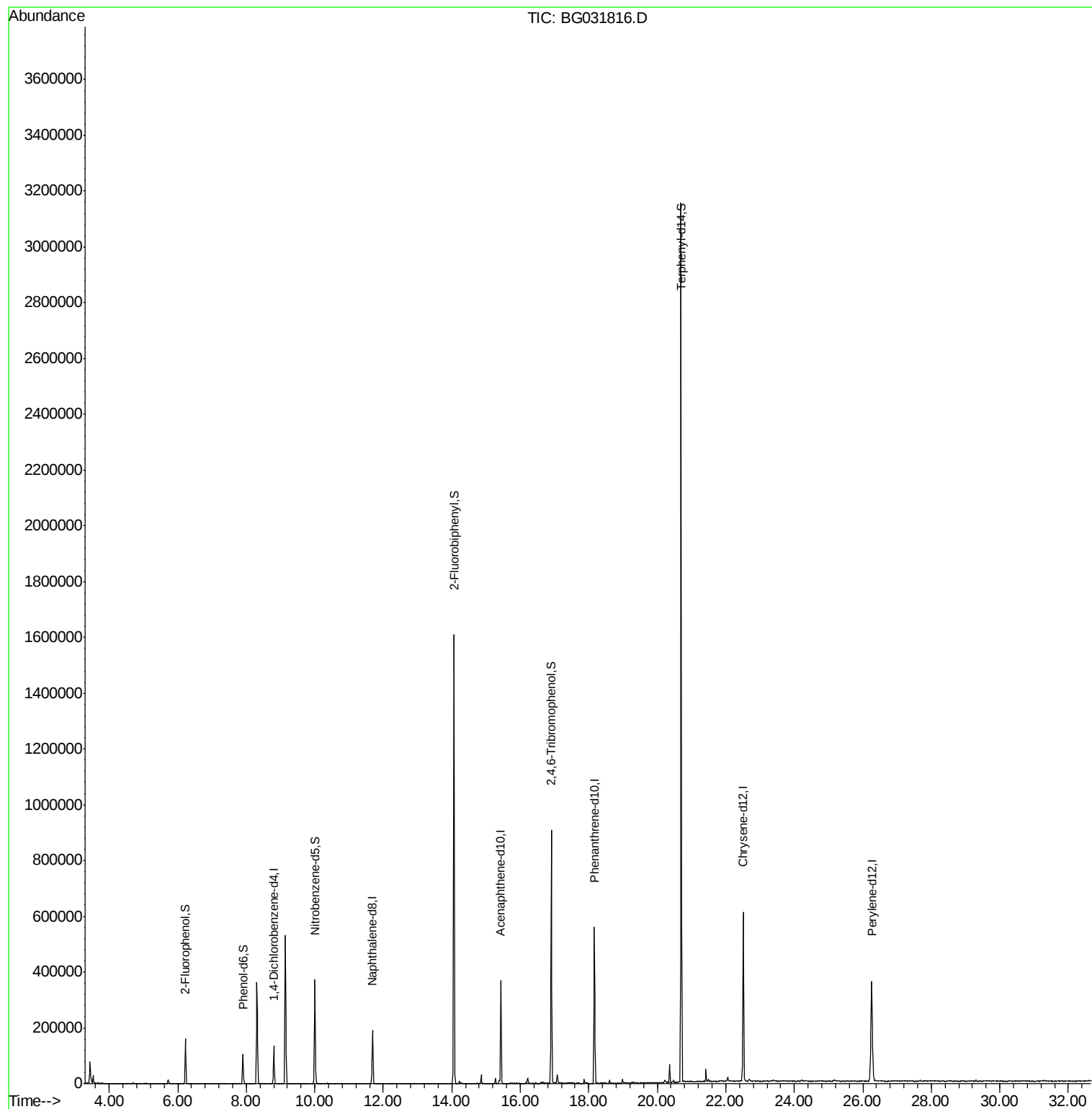
Target Compounds Qvalue

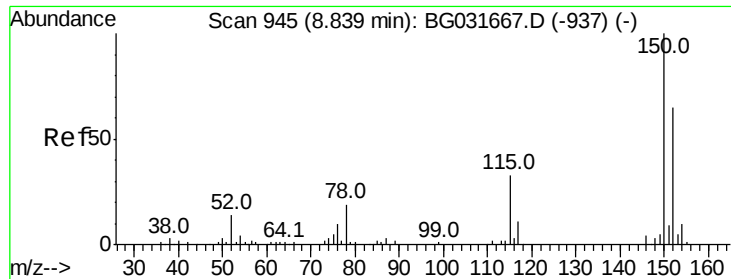
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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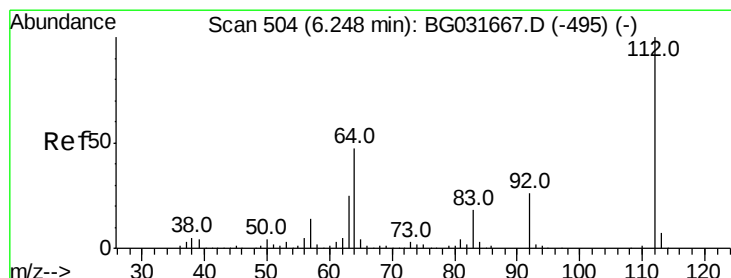
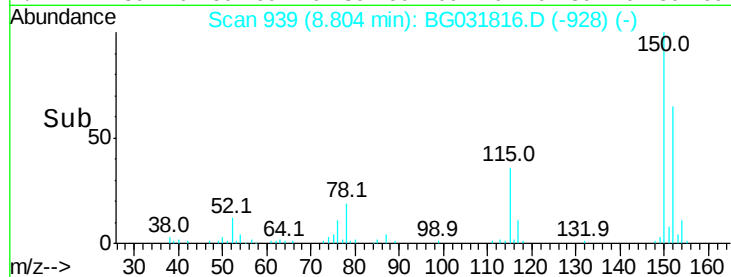
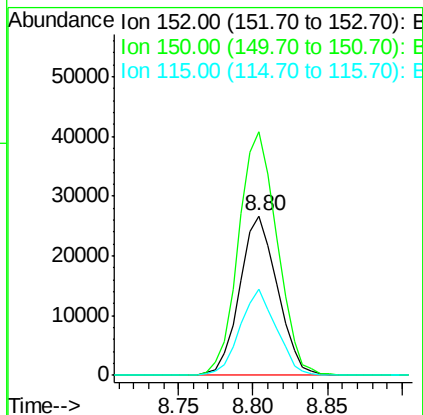
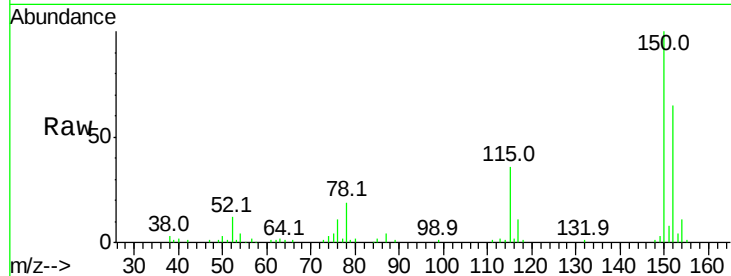


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

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

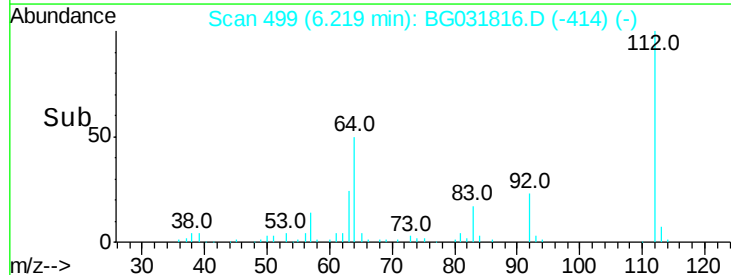
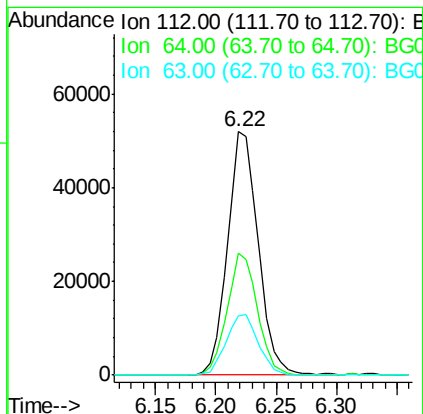
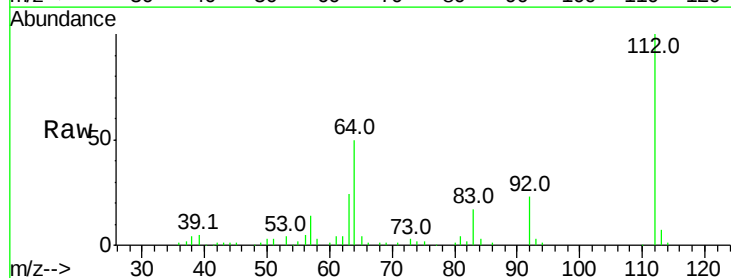
Tot Ion:152 Resp: 46582
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 54.4 53.0 79.4

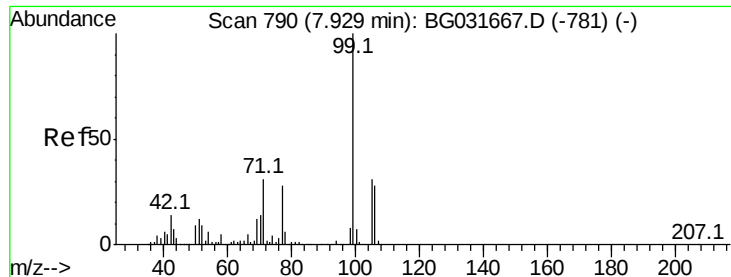


#5

2-Fluorophenol
Concen: 35.886 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion:112 Resp: 91779
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 24.1 30.1 45.1#





#7

Phenol-d6

Concen: 22.468 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-D-B

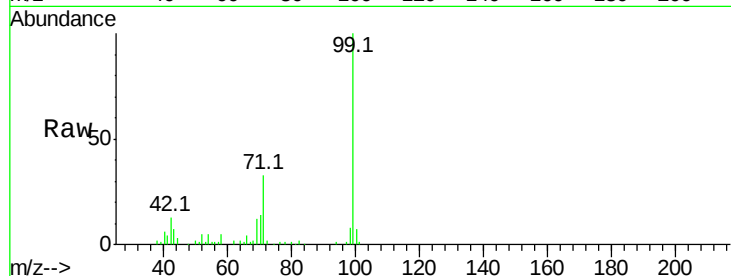
Tot Ion: 99 Resp: 74606

Ion Ratio Lower Upper

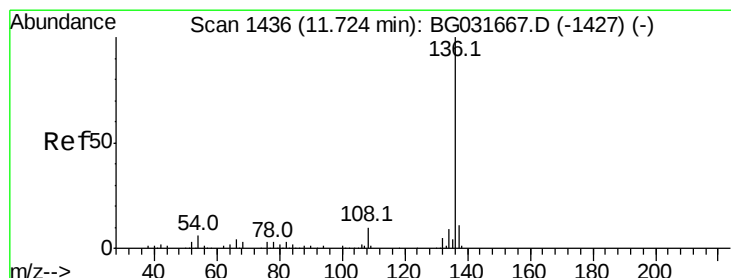
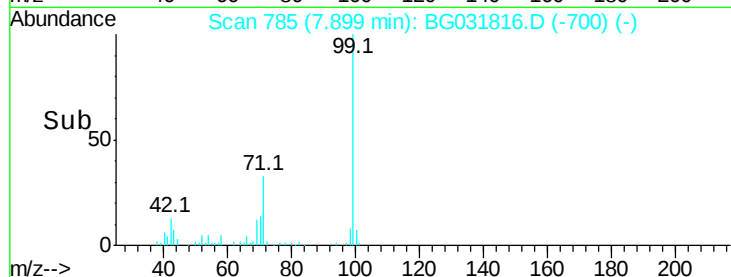
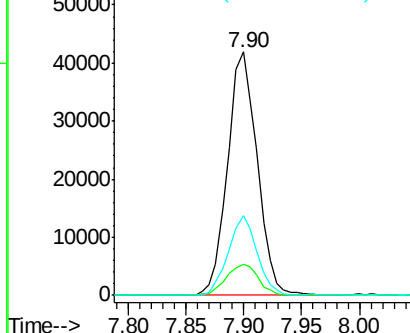
99 100

42 12.7 14.1 21.1#

71 32.8 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: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Tgt Ion: 136 Resp: 190448

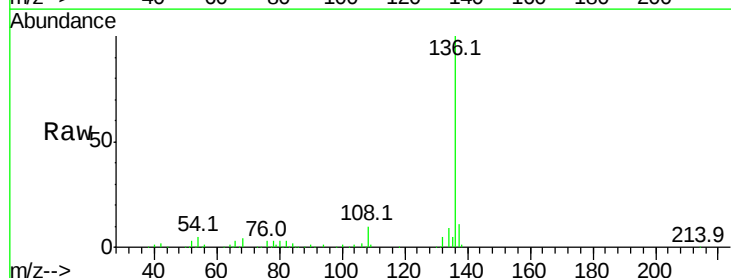
Ion Ratio Lower Upper

136 100

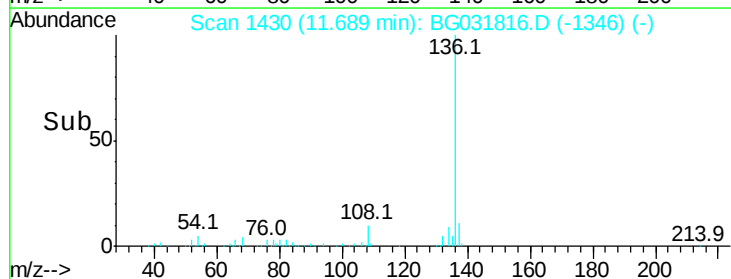
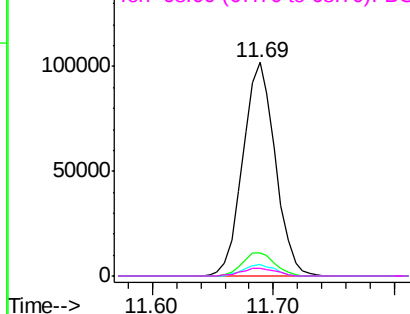
137 10.6 9.2 13.8

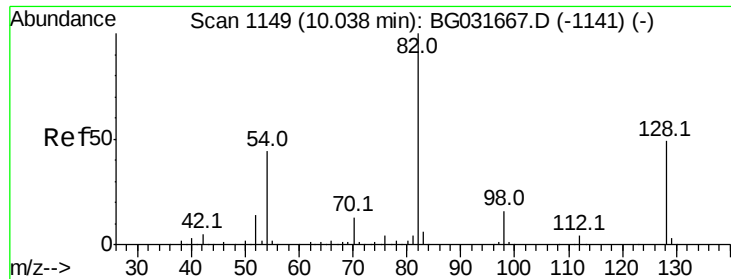
54 5.3 10.3 15.5#

68 3.9 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: 98.691 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-D-B

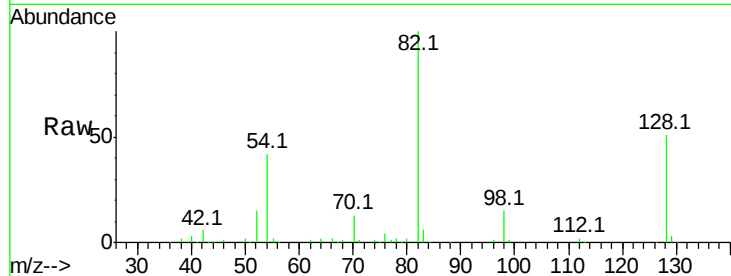
Tot Ion: 82 Resp: 248906

Ion Ratio Lower Upper

82 100

128 51.4 29.7 44.5#

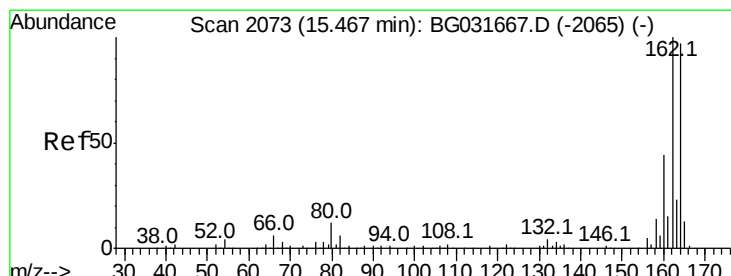
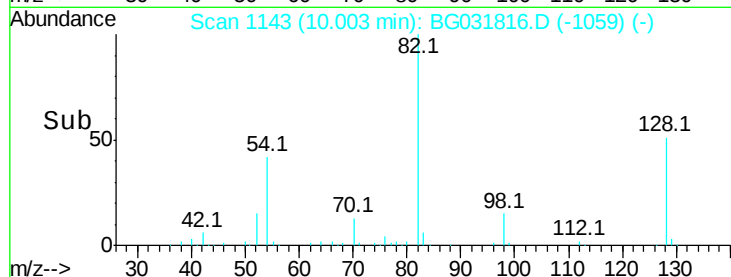
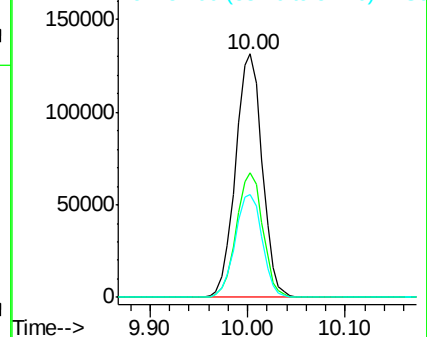
54 42.3 43.1 64.7#



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: 15.43 min Scan# 2067

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

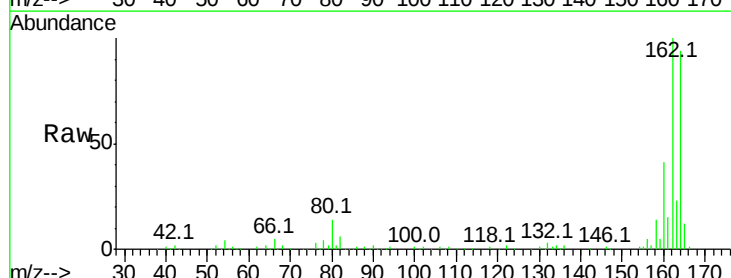
Tgt Ion:164 Resp: 142129

Ion Ratio Lower Upper

164 100

162 106.5 78.8 118.2

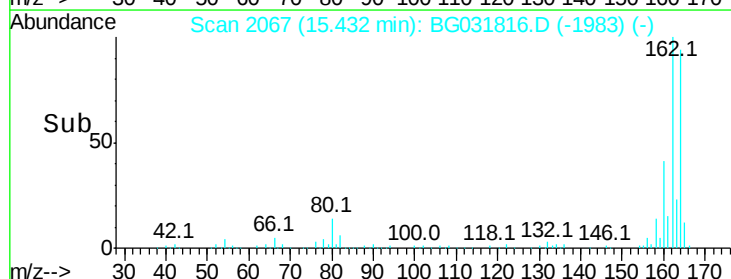
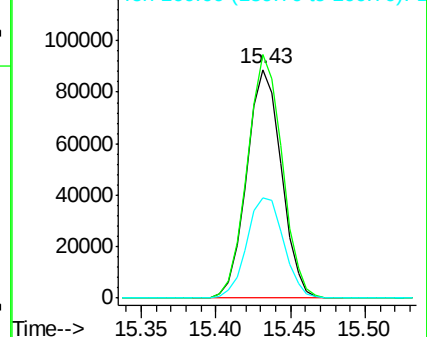
160 44.0 35.4 53.0

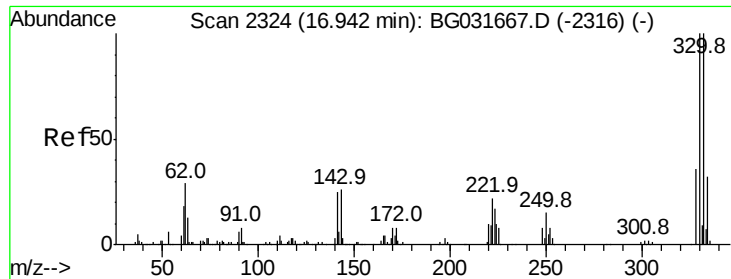


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

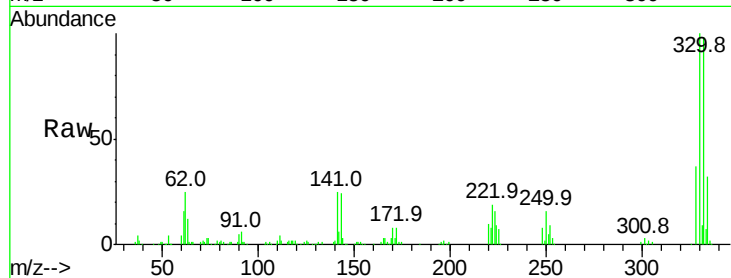




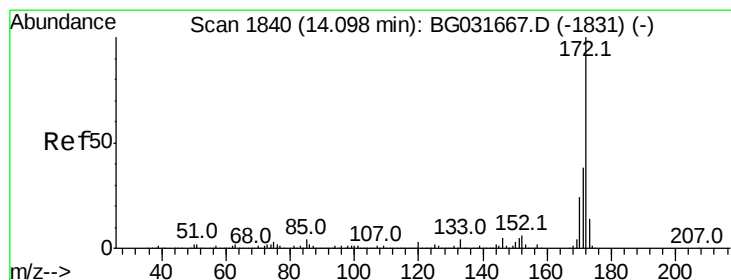
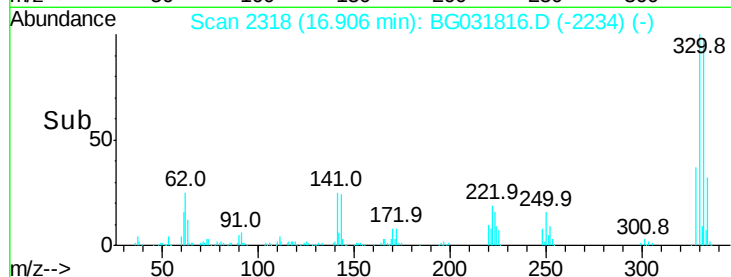
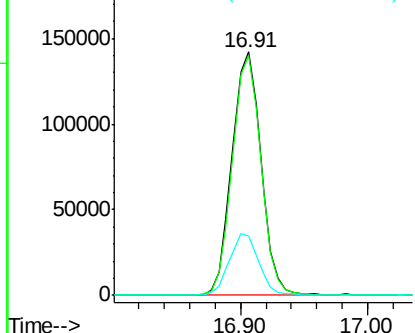
#41
 2,4,6-Tribromophenol
 Concen: 104.410 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031816.D
 Acq: 28 Dec 2017 4:03

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	25.5	25.2	37.8

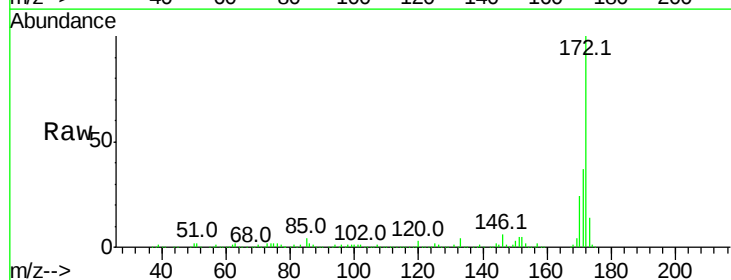


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

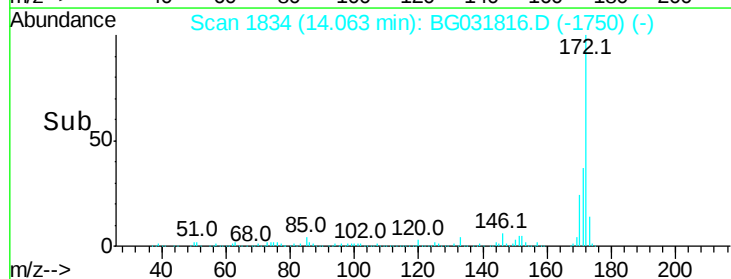
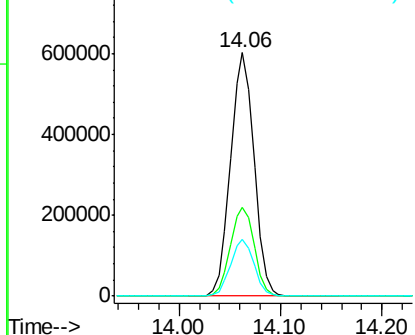


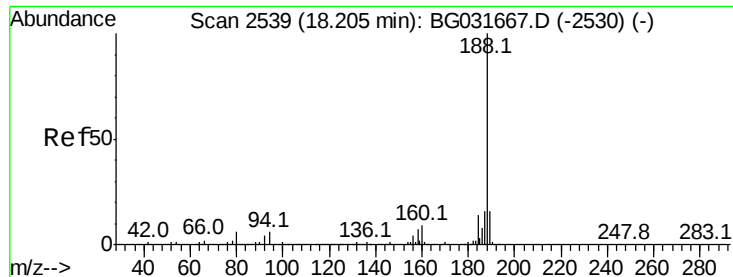
#44
 2-Fluorobiphenyl
 Concen: 85.552 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031816.D
 Acq: 28 Dec 2017 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-D-B

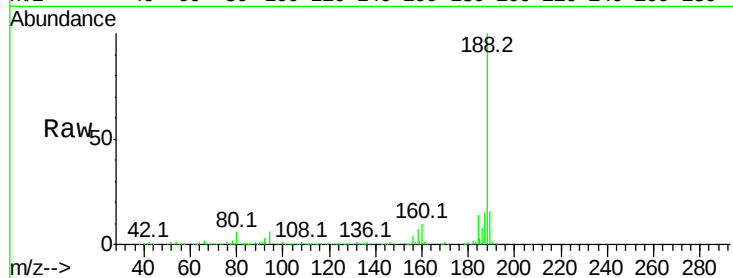
Tot Ion:188 Resp: 382580

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

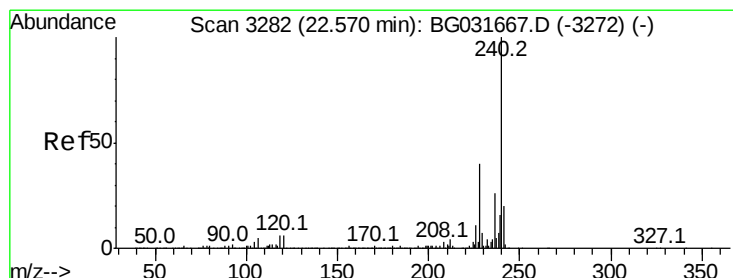
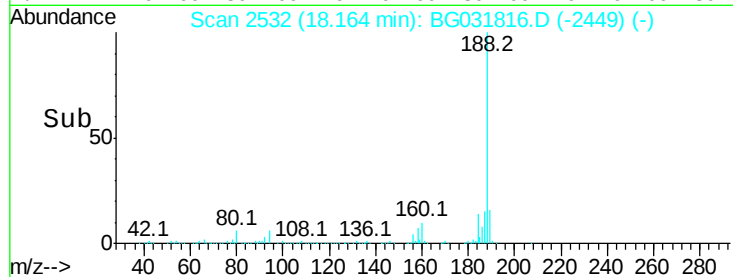
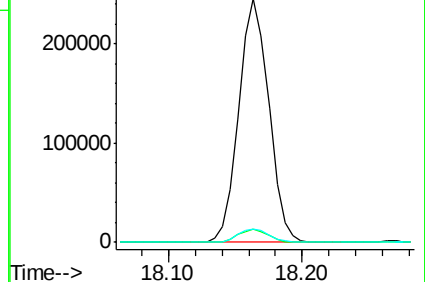
80 5.6 7.7 11.5#



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: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

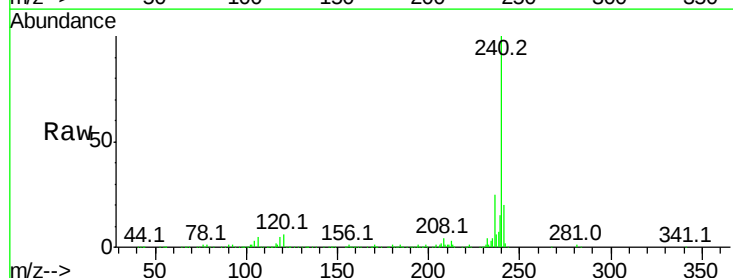
Tgt Ion:240 Resp: 470257

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

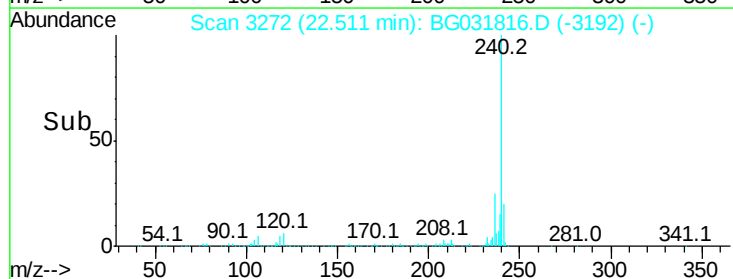
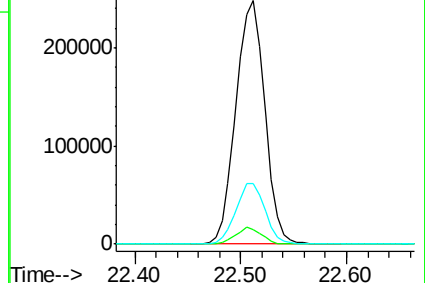
236 24.9 20.9 31.3

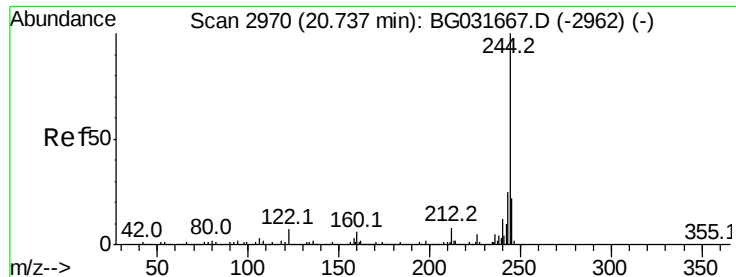


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.374 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

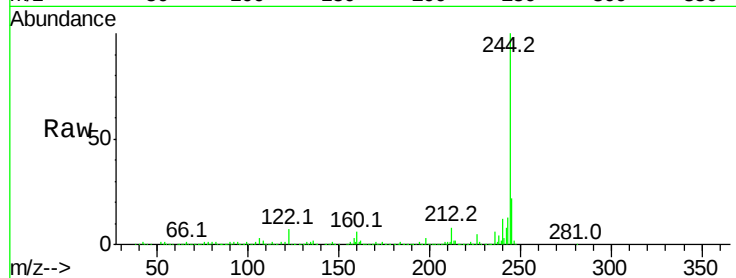
BNA_G

ClientSampleId :

122017-JETT-F-D-B

Tot Ion:244 Resp: 1757280

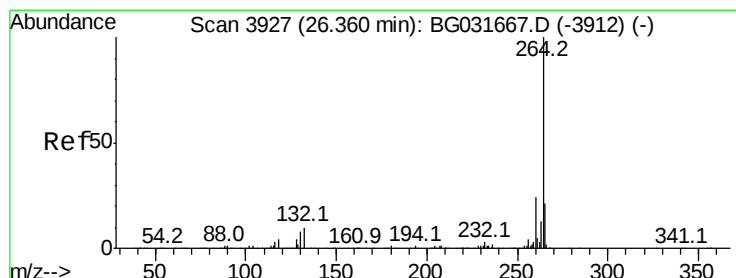
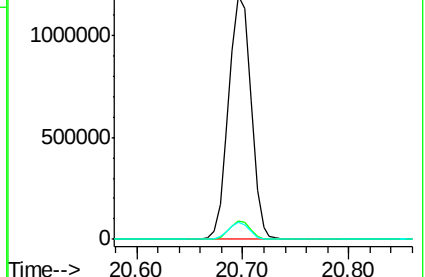
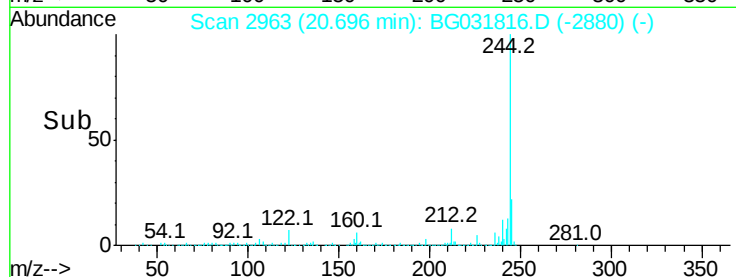
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.2	7.0	10.4



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

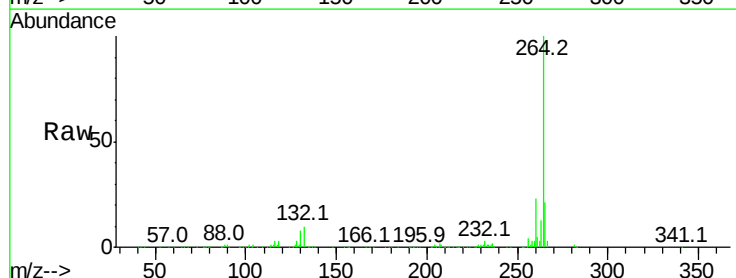
Delta R.T. -0.10 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Tgt Ion:264 Resp: 494059

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.0	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

