

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031821.D
 Acq On : 28 Dec 2017 7:10
 Operator : SJ/JU
 Sample : I7010-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Dec 28 08:09:38 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	8.81	152	54633	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	220674	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	155172	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	395120	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	468696	20.00	ng	-0.06
86) Perylene-d12	26.27	264	490867	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	112752	37.59	ng	-0.03
7) Phenol-d6	7.90	99	85444	21.94	ng	-0.03
23) Nitrobenzene-d5	10.00	82	292323	100.03	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	240226	101.46	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	1091450	88.28	ng	-0.03
78) Terphenyl-d14	20.70	244	1771123	86.33	ng	-0.04

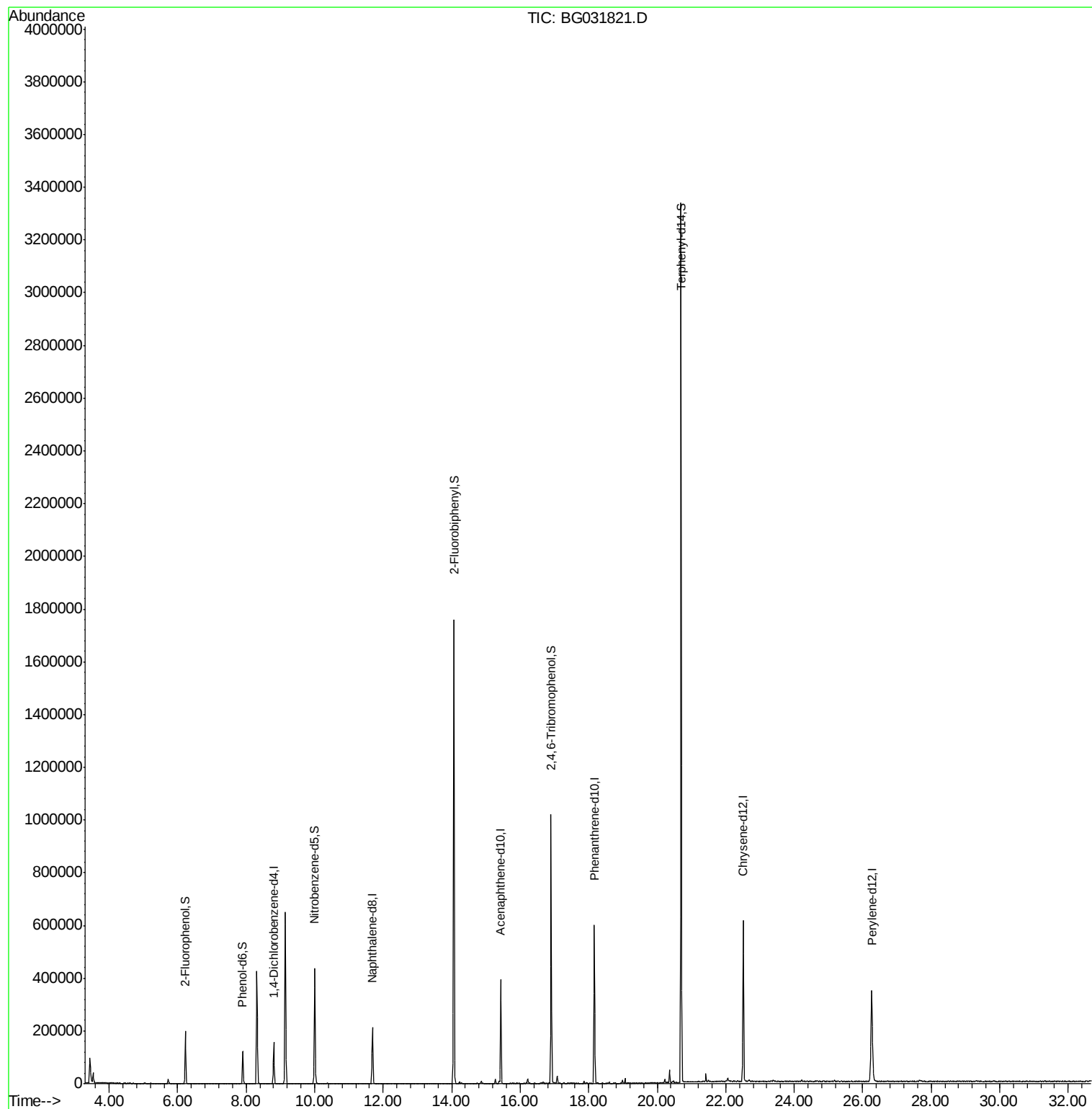
Target Compounds Qvalue

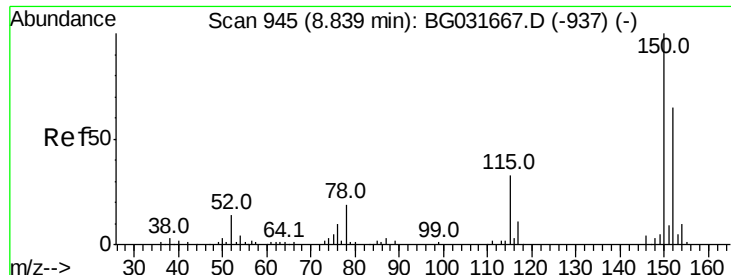
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

Instrument :

BNA_G

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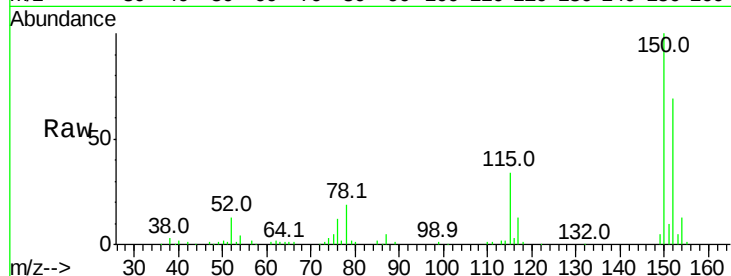
Tot Ion:152 Resp: 54633

Ion Ratio Lower Upper

152 100

150 144.6 126.6 189.8

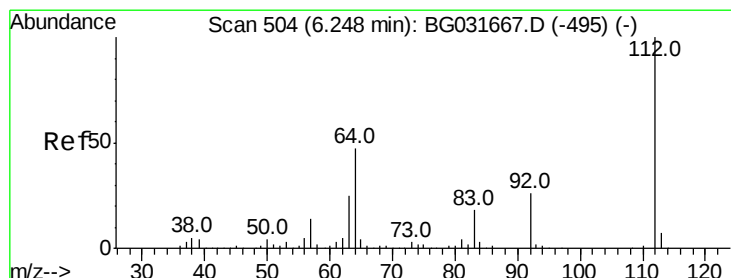
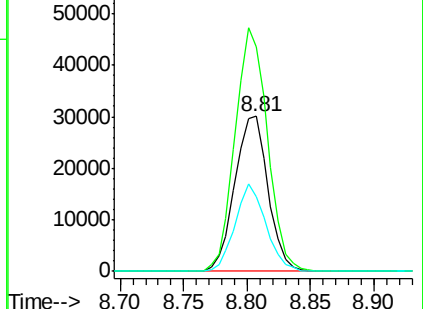
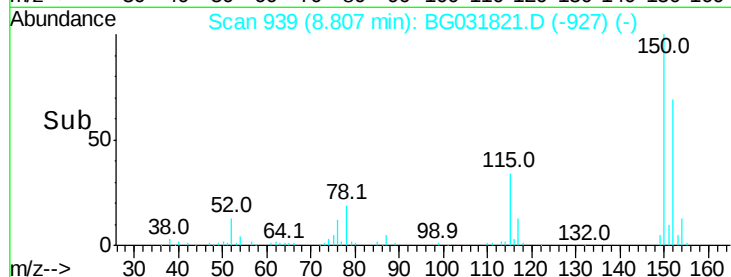
115 48.5 53.0 79.4#



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: 37.590 ng

RT: 6.22 min Scan# 499

Delta R.T. -0.03 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

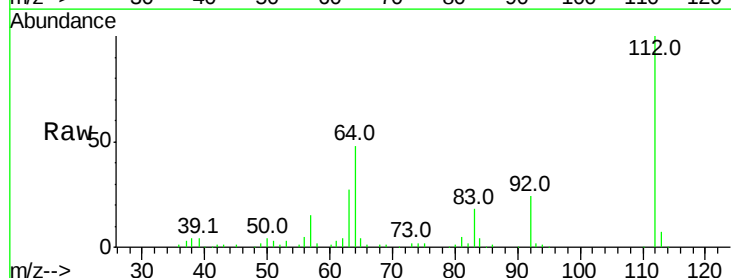
Tgt Ion:112 Resp: 112752

Ion Ratio Lower Upper

112 100

64 47.8 56.3 84.5#

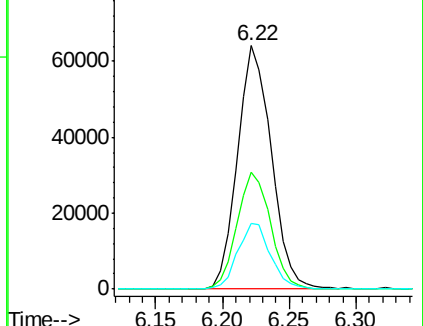
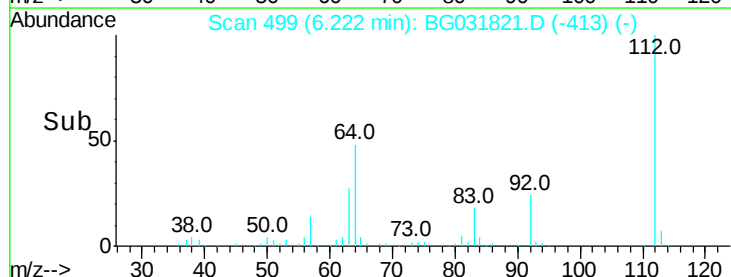
63 27.0 30.1 45.1#



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: 21.940 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-S

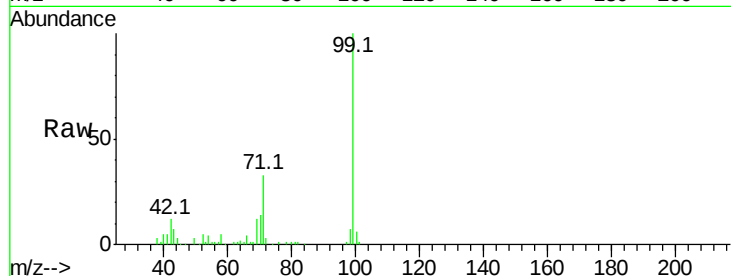
Tot Ion: 99 Resp: 85444

Ion Ratio Lower Upper

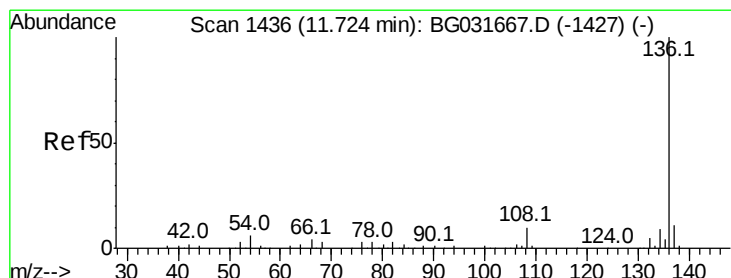
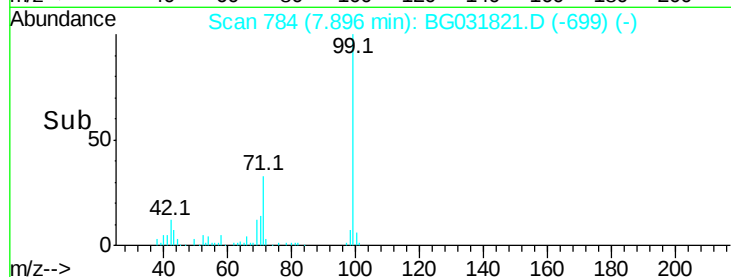
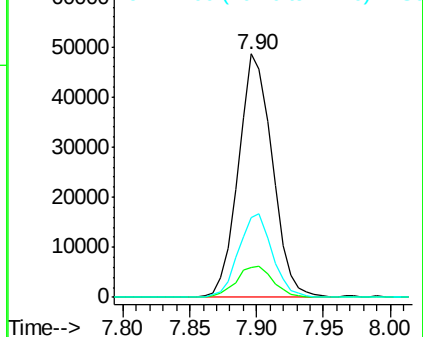
99 100

42 12.3 14.1 21.1#

71 32.6 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# 1429

Delta R.T. -0.04 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

Tgt Ion: 136 Resp: 220674

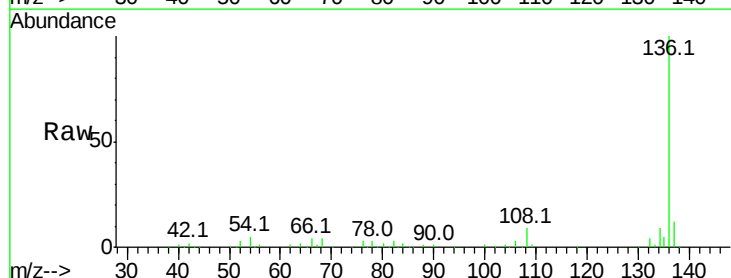
Ion Ratio Lower Upper

136 100

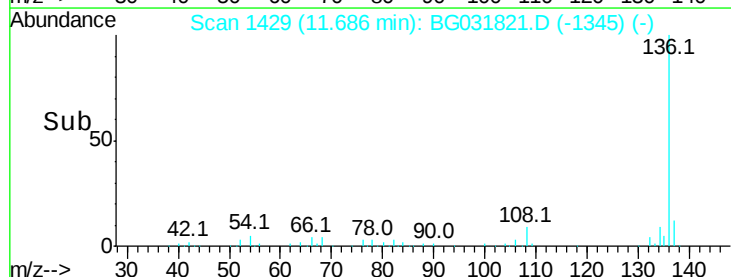
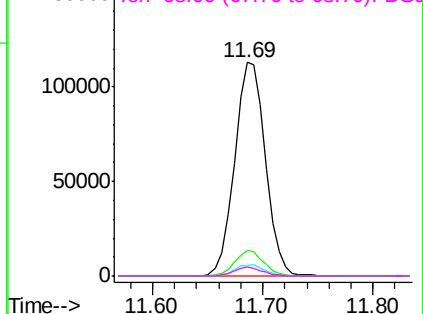
137 12.1 9.2 13.8

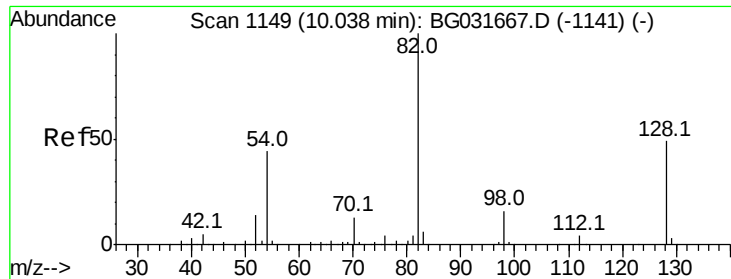
54 4.7 10.3 15.5#

68 4.4 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

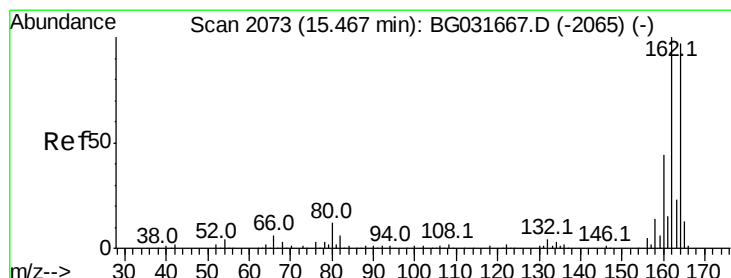
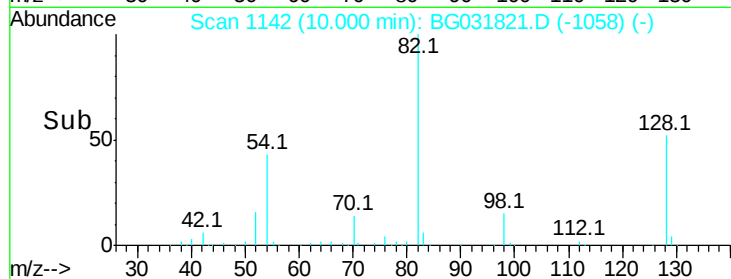
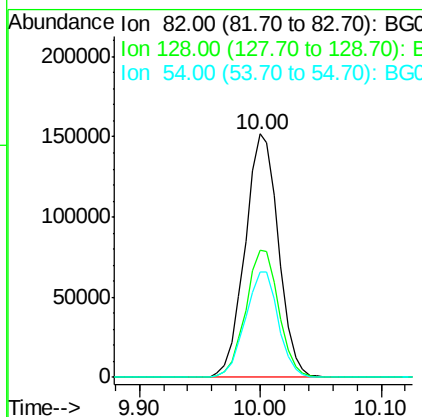
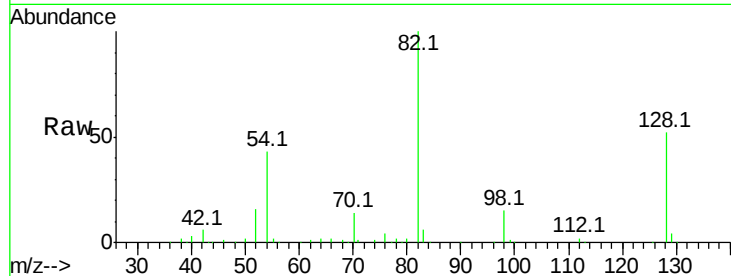




#23
 Nitrobenzene-d5
 Concen: 100.030 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.04 min
 Lab File: BG031821.D
 Acq: 28 Dec 2017 7:10

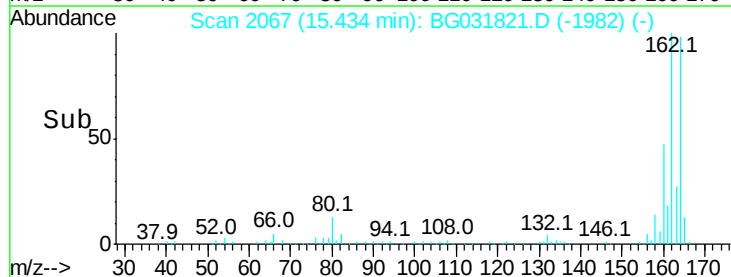
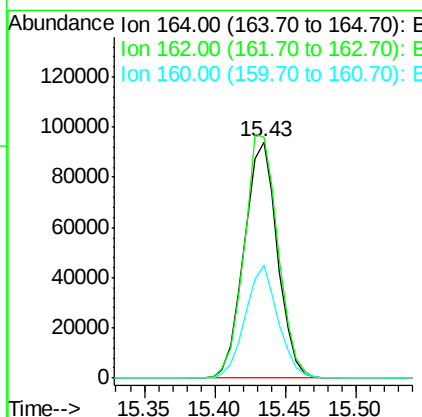
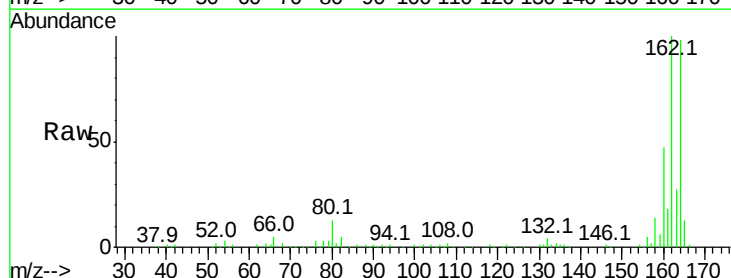
Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-U-S

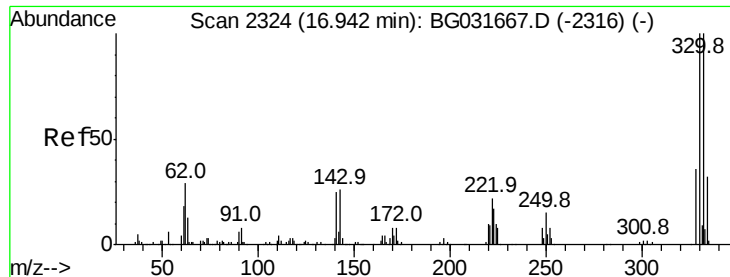
Tot Ion: 82 Resp: 292323
 Ion Ratio Lower Upper
 82 100
 128 52.4 29.7 44.5#
 54 43.1 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031821.D
 Acq: 28 Dec 2017 7:10

Tgt Ion:164 Resp: 155172
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 47.7 35.4 53.0

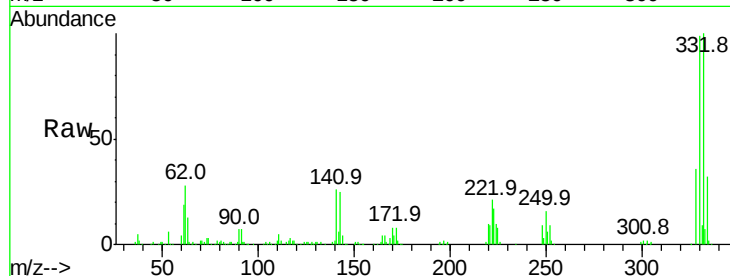




#41
 2,4,6-Tribromophenol
 Concen: 101.459 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031821.D
 Acq: 28 Dec 2017 7:10

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	25.2	25.2	37.8

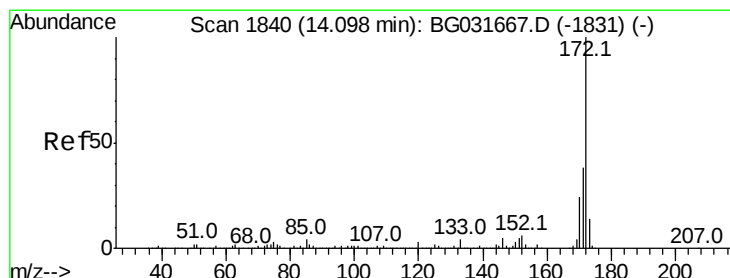
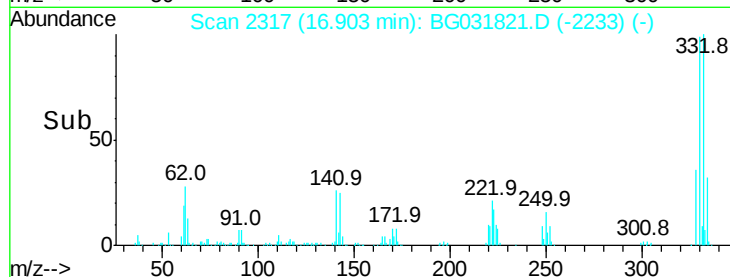
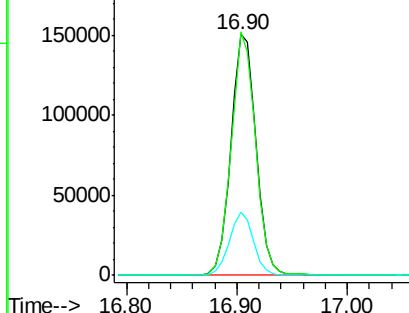


Abundance

Ion 329.80 (329.50 to 330.50): E

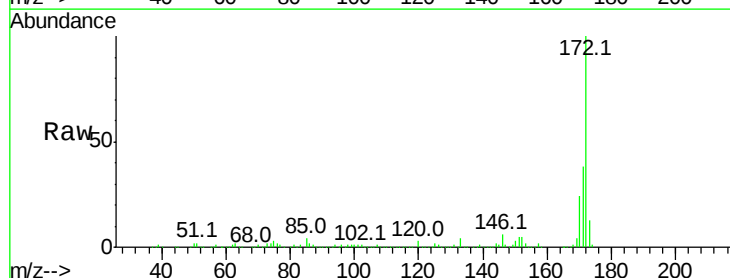
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.284 ng
 RT: 14.07 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031821.D
 Acq: 28 Dec 2017 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	19.5	29.3

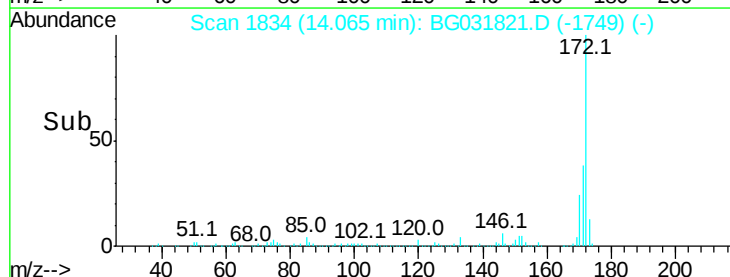
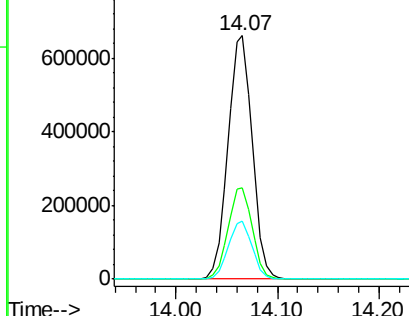


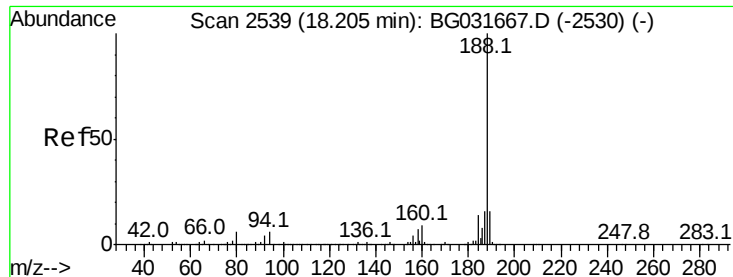
Abundance

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

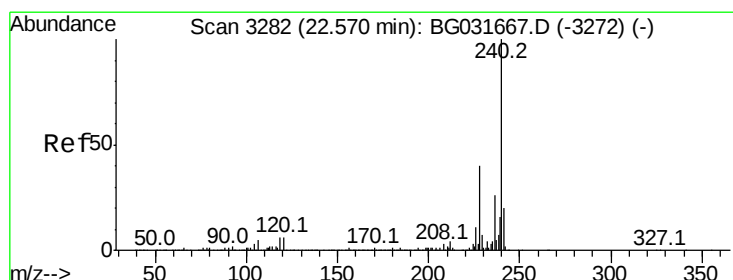
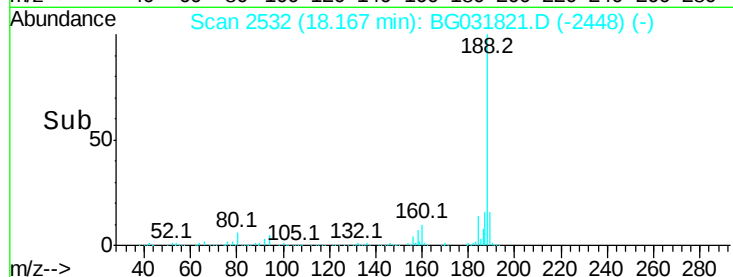
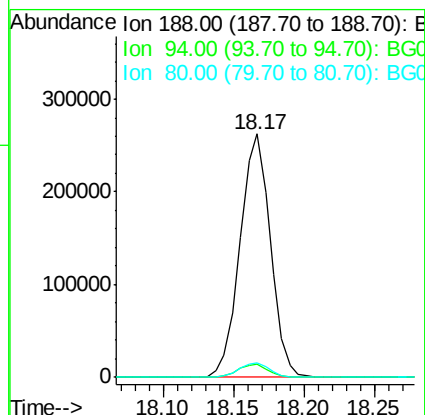
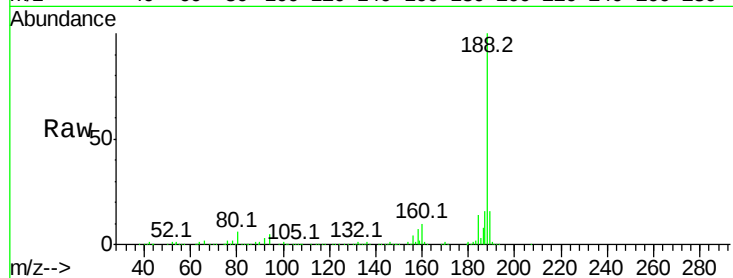




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031821.D
Acq: 28 Dec 2017 7:10

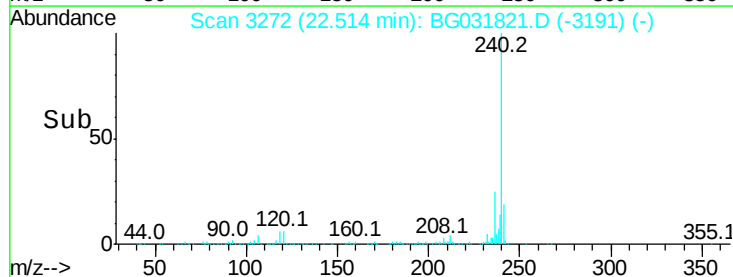
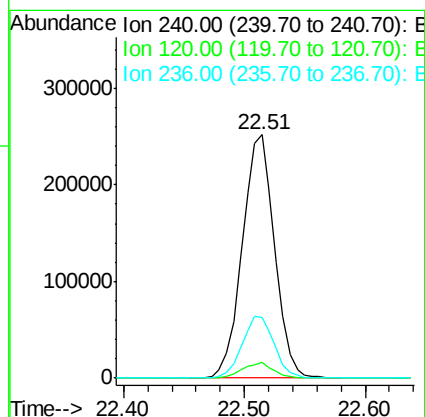
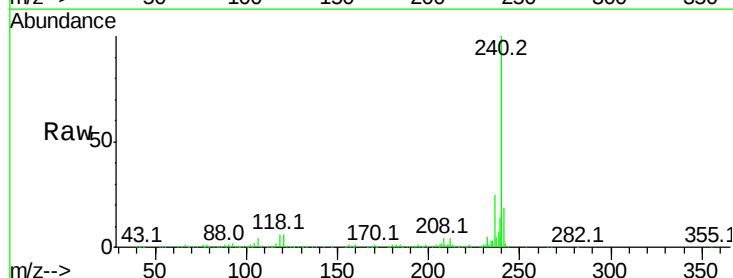
Instrument :
BNA_G
ClientSampleId :
122017-JETT-F-U-S

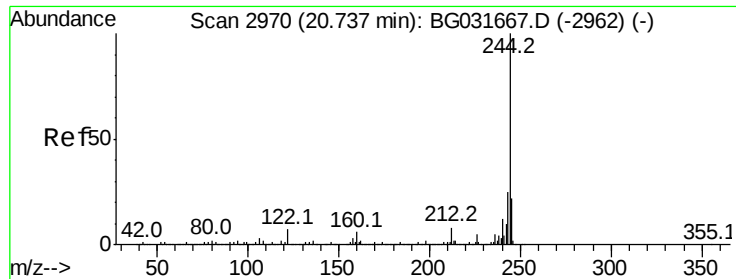
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	6.2	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031821.D
Acq: 28 Dec 2017 7:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.0	20.9	31.3





#78

Terphenyl-d14

Concen: 86.333 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-S

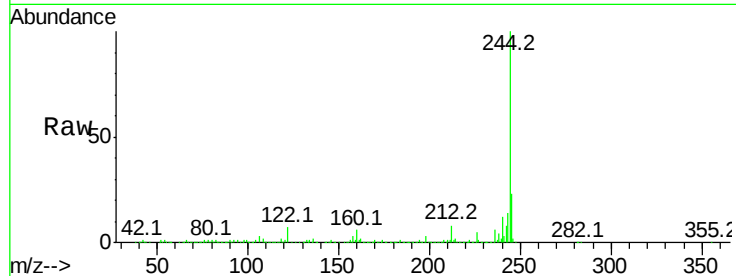
Tot Ion:244 Resp: 1771123

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

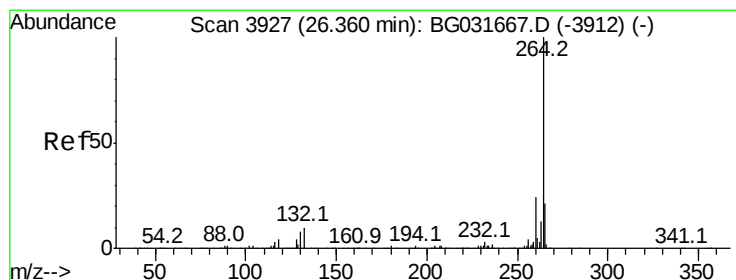
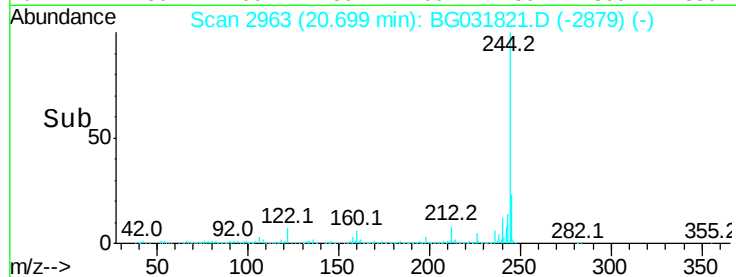
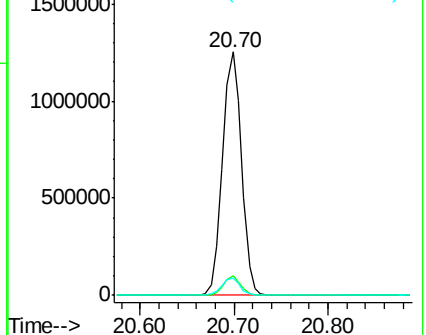
122 6.9 7.0 10.4#



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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031821.D

Acq: 28 Dec 2017 7:10

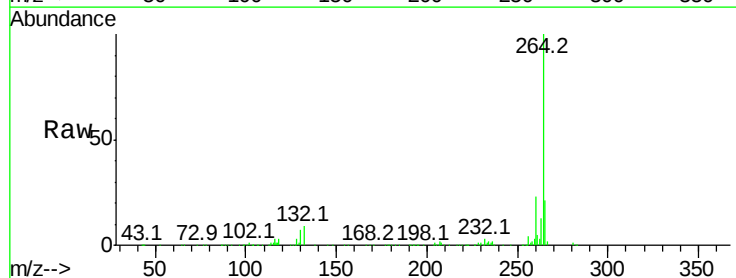
Tgt Ion:264 Resp: 490867

Ion Ratio Lower Upper

264 100

260 23.4 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

