

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031786.D
 Acq On : 27 Dec 2017 7:08
 Operator : SJ/JU
 Sample : I7009-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-U-B

Quant Time: Dec 27 10:03:51 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	44627	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	193104	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	140491	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	389667	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	468433	20.00	ng	-0.06
86) Perylene-d12	26.26	264	495497	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	110270	45.01	ng	-0.03
7) Phenol-d6	7.90	99	99497	31.28	ng	-0.03
23) Nitrobenzene-d5	10.00	82	250397	97.92	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	224124	104.55	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	1006346	89.91	ng	-0.03
78) Terphenyl-d14	20.70	244	1819049	88.72	ng	-0.04

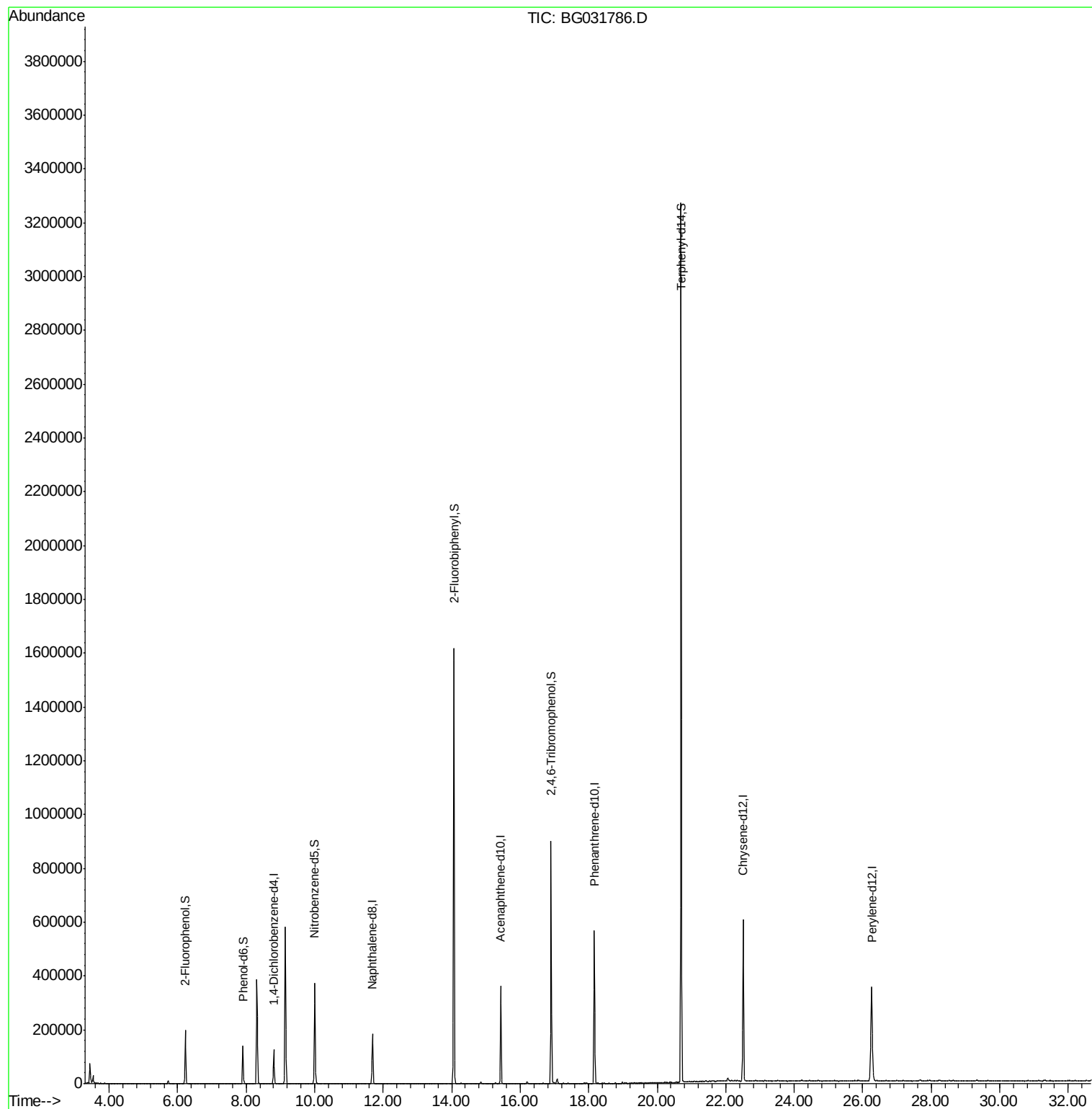
Target Compounds Qvalue

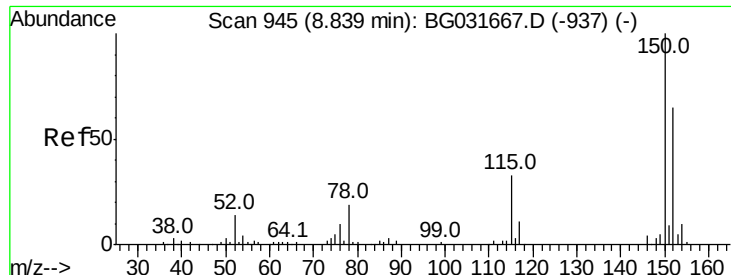
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031786.D
Acq On : 27 Dec 2017 7:08
Operator : SJ/JU
Sample : I7009-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-U-B

Quant Time: Dec 27 10:03:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-B

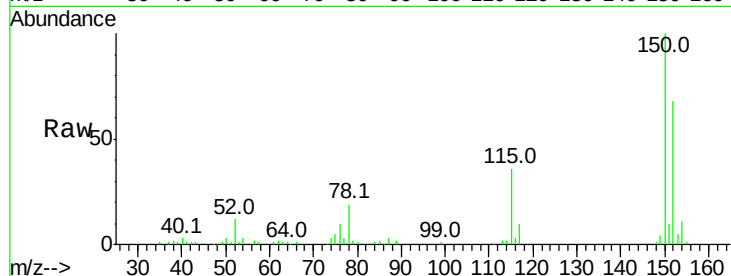
Tot Ion:152 Resp: 44627

Ion Ratio Lower Upper

152 100

150 147.3 126.6 189.8

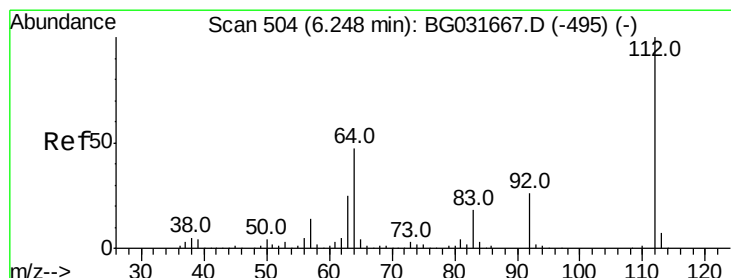
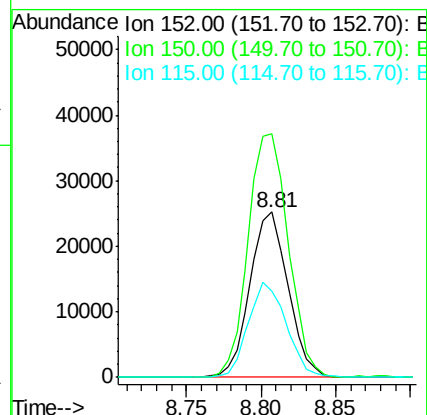
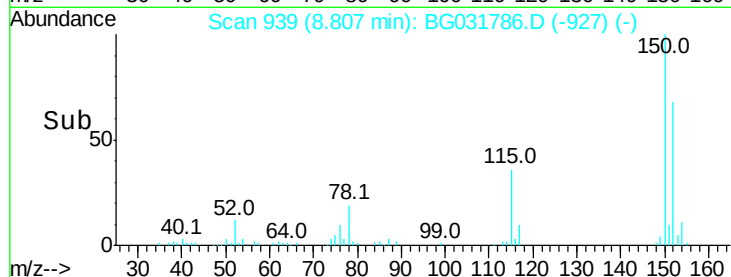
115 52.4 53.0 79.4#



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: 45.005 ng

RT: 6.22 min Scan# 499

Delta R.T. -0.03 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

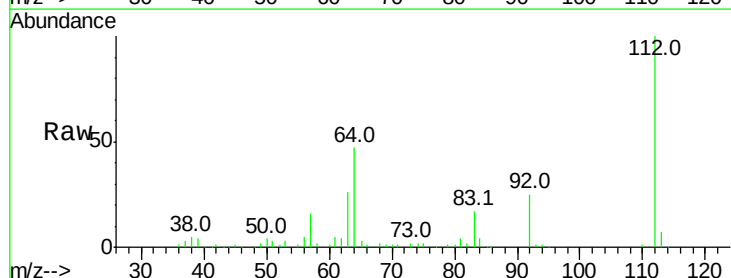
Tgt Ion:112 Resp: 110270

Ion Ratio Lower Upper

112 100

64 47.0 56.3 84.5#

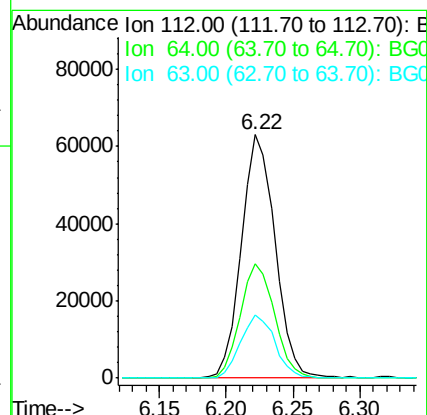
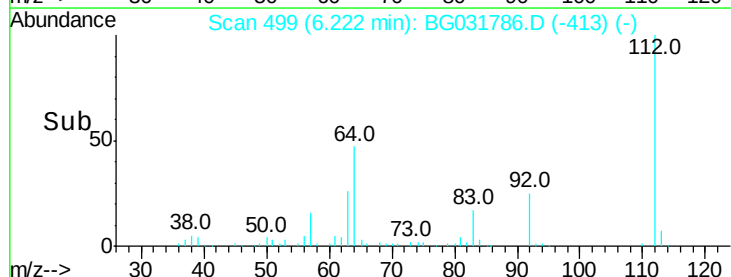
63 25.9 30.1 45.1#

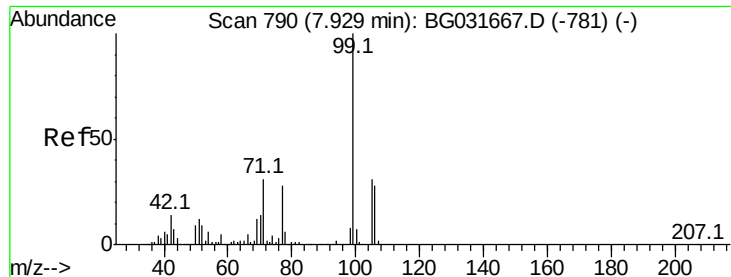


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.277 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-B

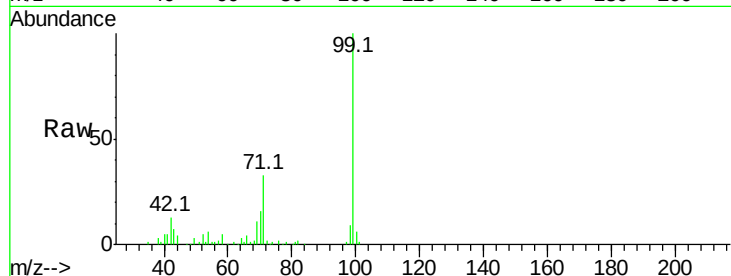
Tot Ion: 99 Resp: 99497

Ion Ratio Lower Upper

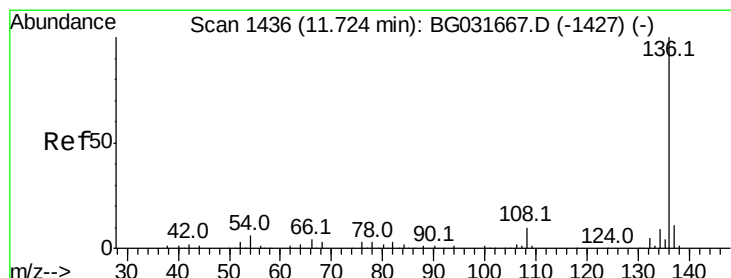
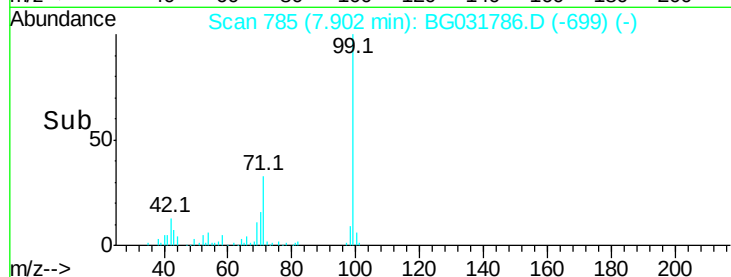
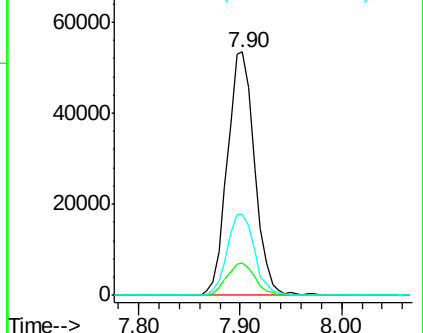
99 100

42 13.1 14.1 21.1#

71 33.1 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. -0.03 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Tgt Ion: 136 Resp: 193104

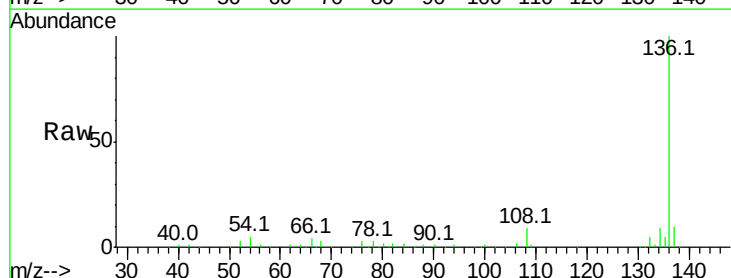
Ion Ratio Lower Upper

136 100

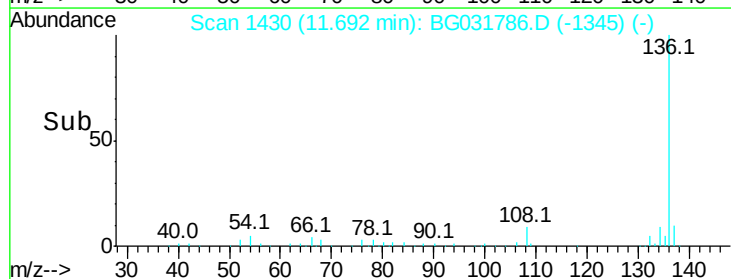
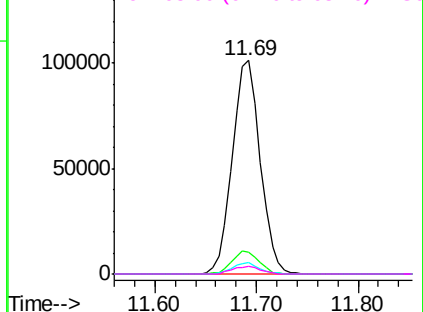
137 10.4 9.2 13.8

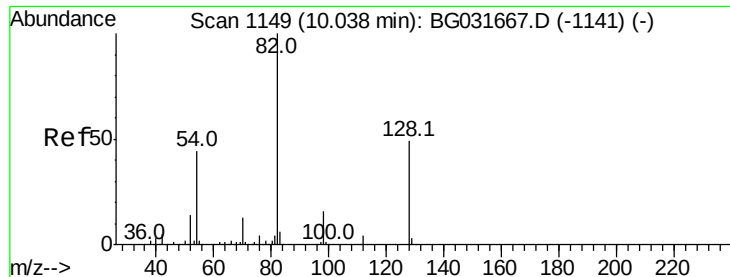
54 5.3 10.3 15.5#

68 3.3 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

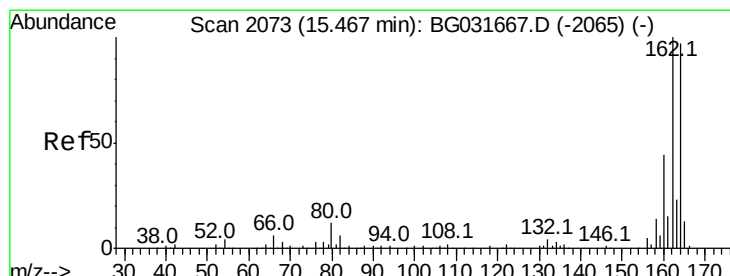
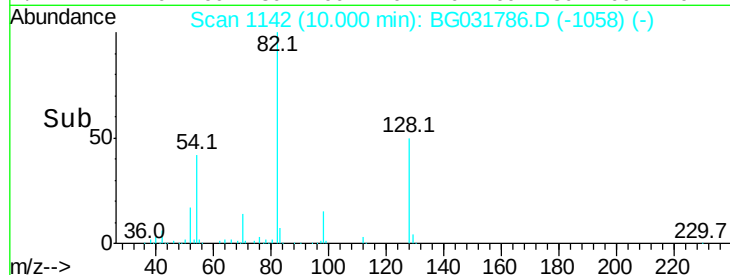
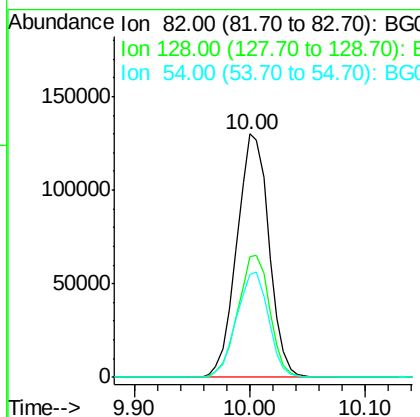
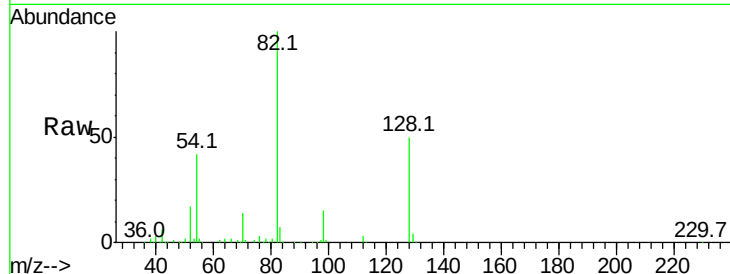




#23
Nitrobenzene-d5
Concen: 97.916 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

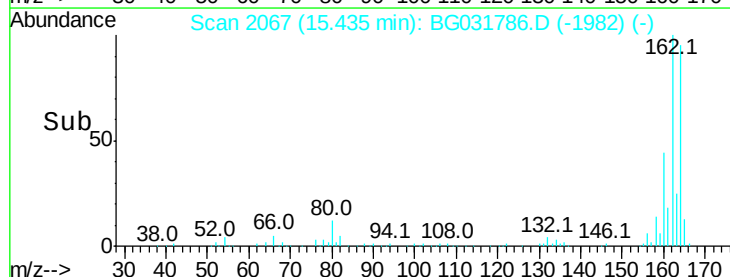
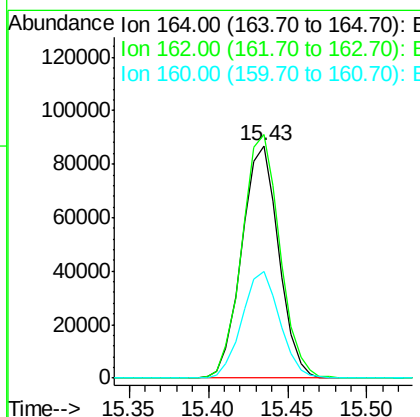
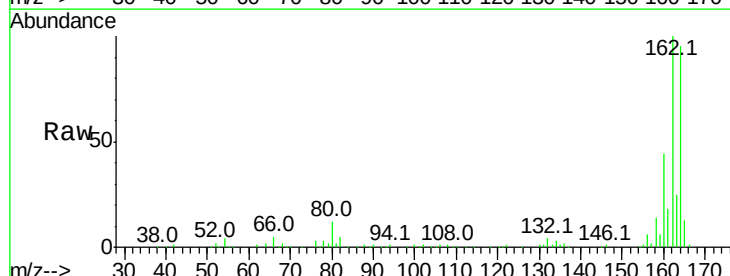
Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-U-B

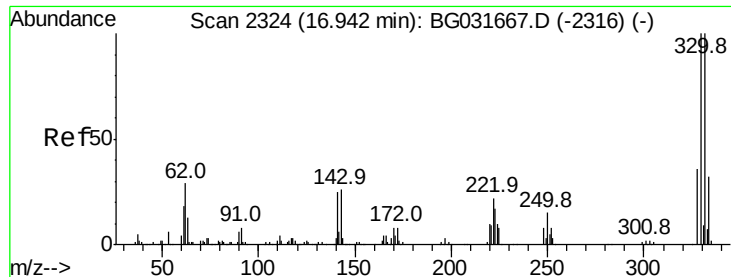
Tot Ion: 82 Resp: 250397
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 42.3 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:164 Resp: 140491
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 46.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 104.550 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-B

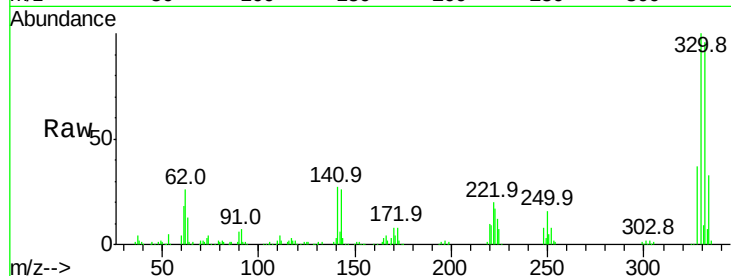
Tot Ion:330 Resp: 224124

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

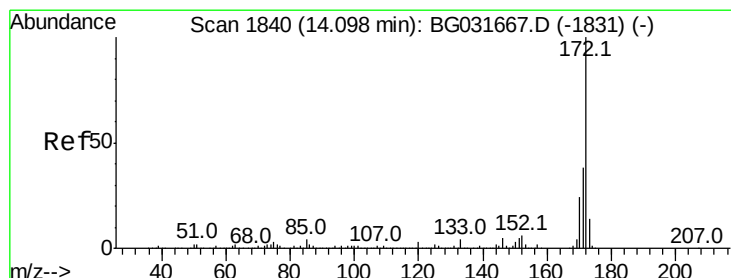
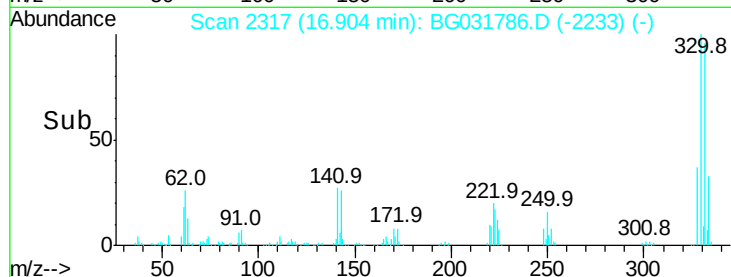
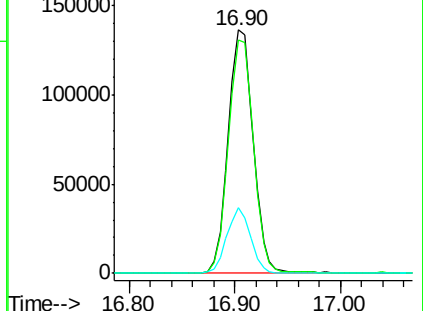
141 25.5 25.2 37.8



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: 89.906 ng

RT: 14.07 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

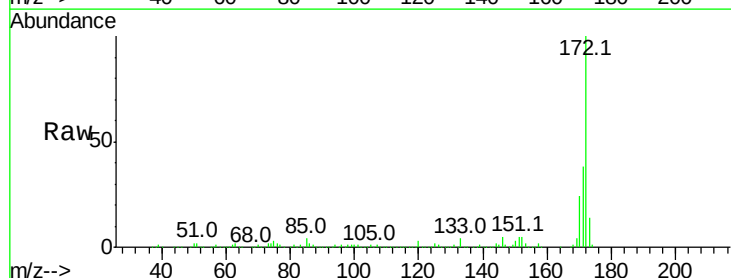
Tgt Ion:172 Resp: 1006346

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

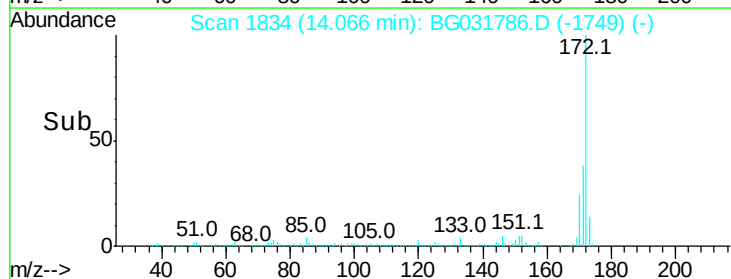
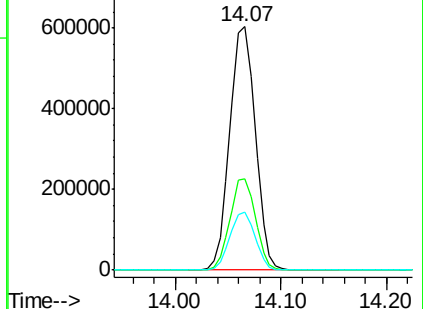
170 23.8 19.5 29.3

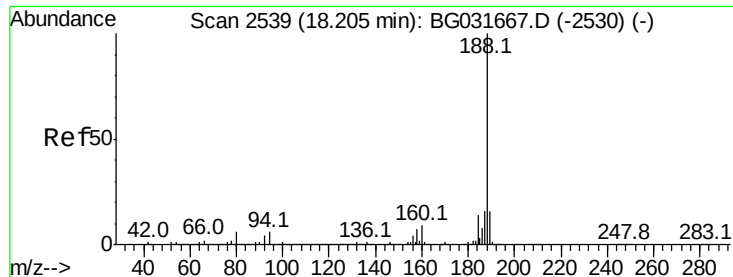


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

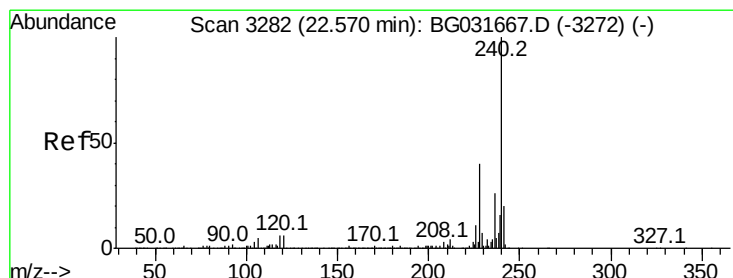
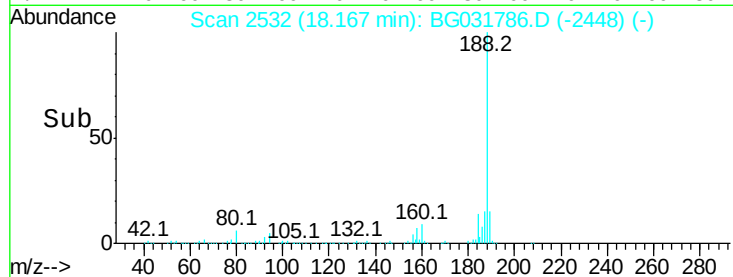
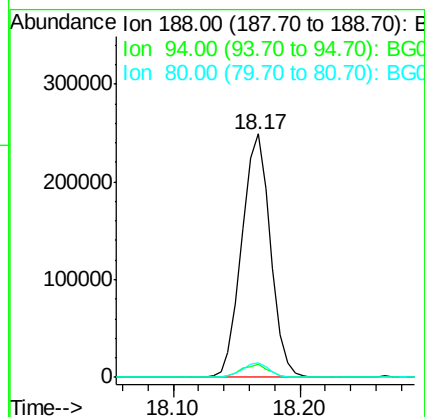
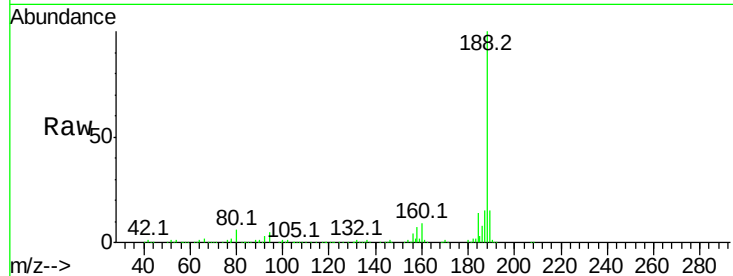




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

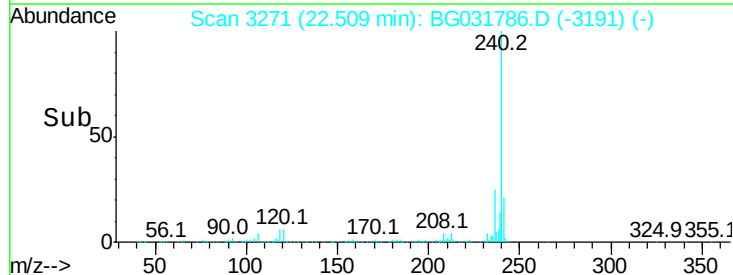
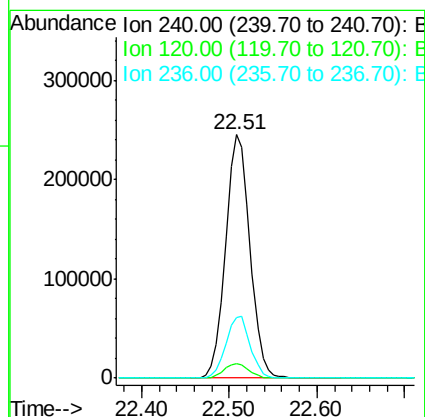
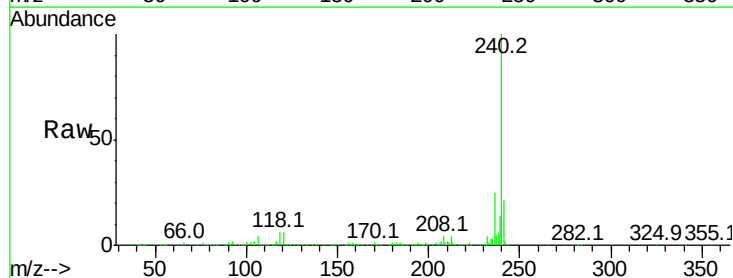
Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-U-B

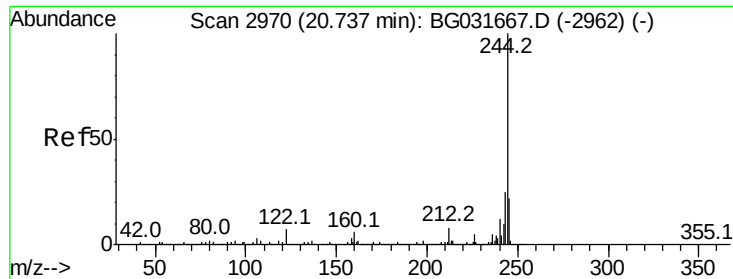
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.9	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.1	20.9	31.3





#78

Terphenyl-d14

Concen: 88.719 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Instrument :

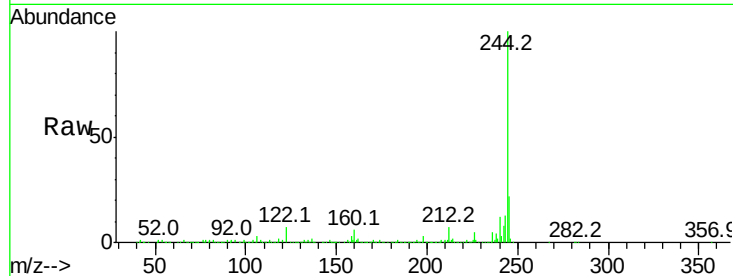
BNA_G

ClientSampleId :

121917-JETT-F-U-B

Tot Ion:244 Resp: 1819049

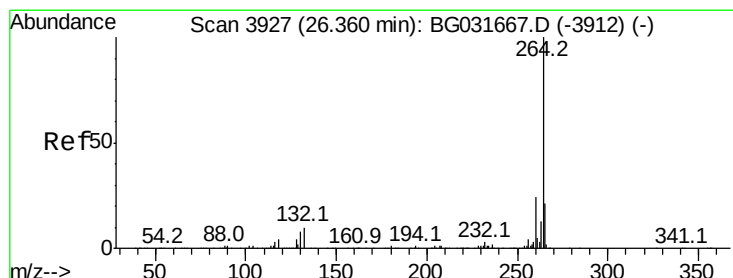
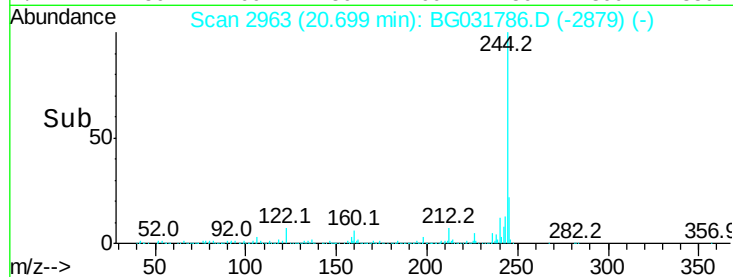
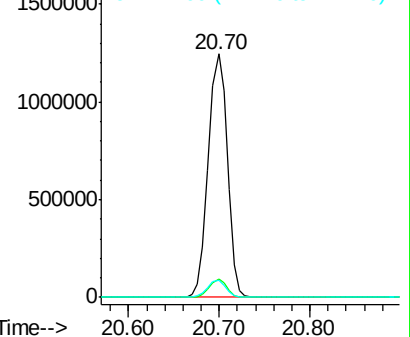
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.0	7.0	10.4



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

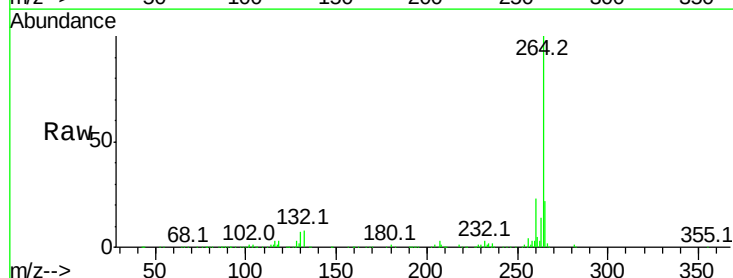
Delta R.T. -0.10 min

Lab File: BG031786.D

Acq: 27 Dec 2017 7:08

Tgt Ion:264 Resp: 495497

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	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

