

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031559.D
 Acq On : 14 Dec 2017 10:45
 Operator : SJ/JU
 Sample : I6817-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-U-B

Quant Time: Dec 14 11:27:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49490	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212084	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	163260	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	503671	20.00	ng	0.00
75) Chrysene-d12	21.74	240	586210	20.00	ng	-0.01
86) Perylene-d12	25.02	264	564167	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	114234	40.91	ng	0.00
7) Phenol-d6	7.28	99	94617	24.41	ng	0.00
23) Nitrobenzene-d5	9.28	82	284357	82.64	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	192066	100.42	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	948115	85.24	ng	0.00
78) Terphenyl-d14	20.06	244	1889830	73.35	ng	0.00

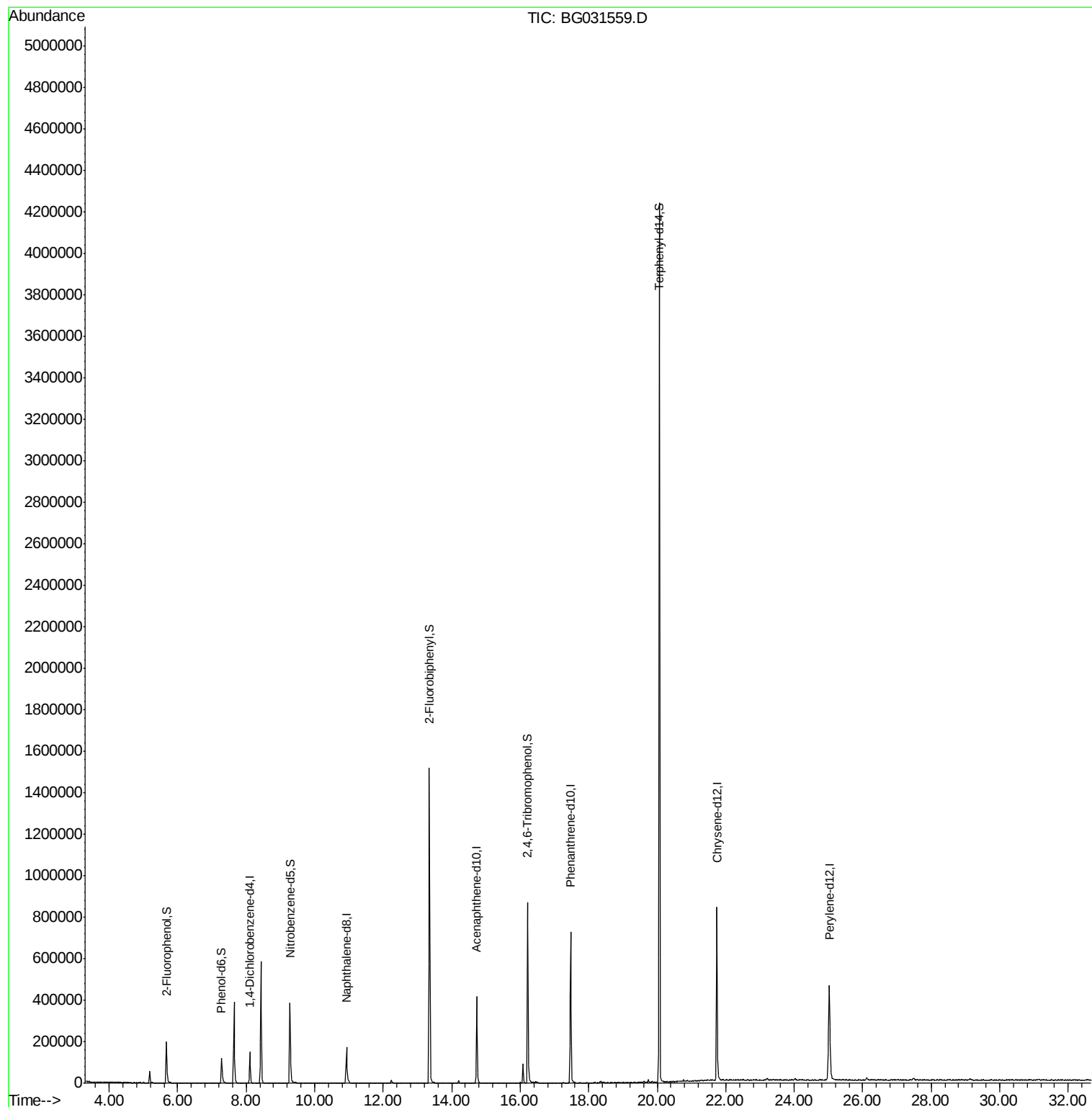
Target Compounds Qvalue

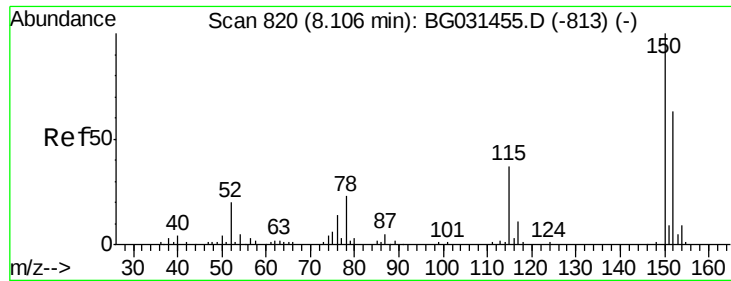
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120617-JETT-F-U-B

Quant Time: Dec 14 11:27:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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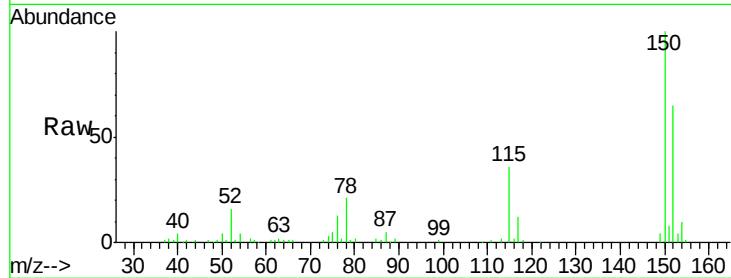




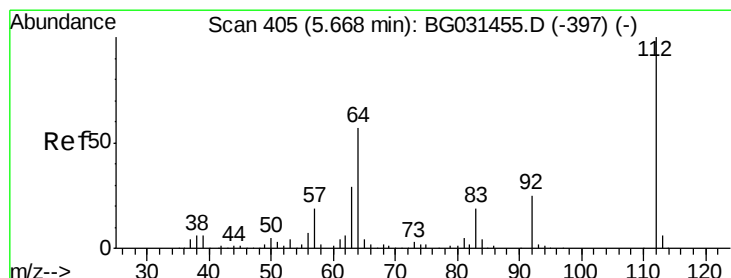
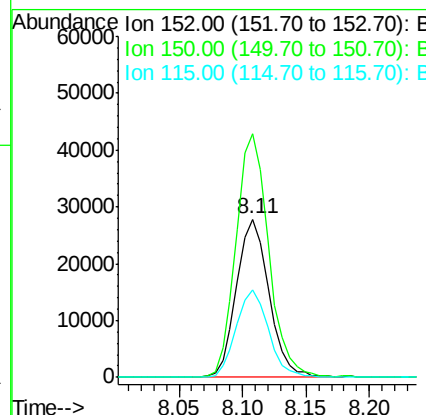
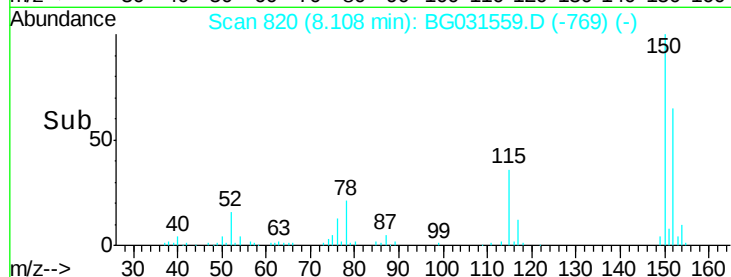
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-U-B

Tot Ion:152 Resp: 49490
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.6 189.8
 115 55.4 53.0 79.4

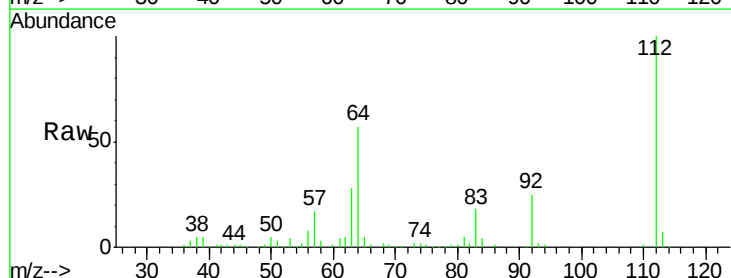


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

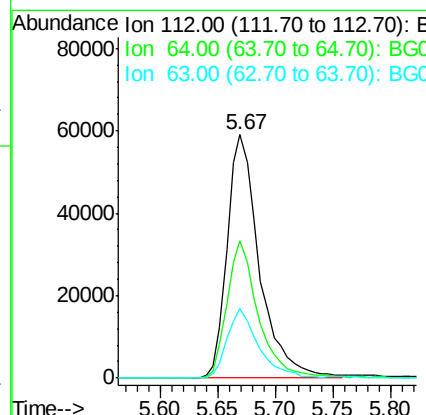
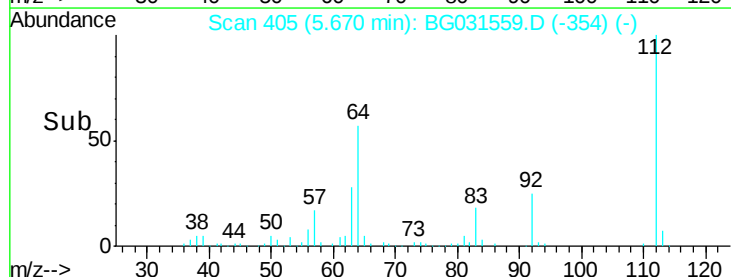


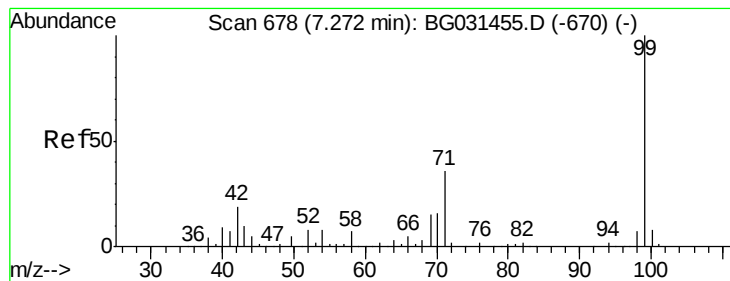
#5
 2-Fluorophenol
 Concen: 40.914 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

Tgt Ion:112 Resp: 114234
 Ion Ratio Lower Upper
 112 100
 64 56.7 56.3 84.5
 63 28.4 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: 24.411 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-U-B

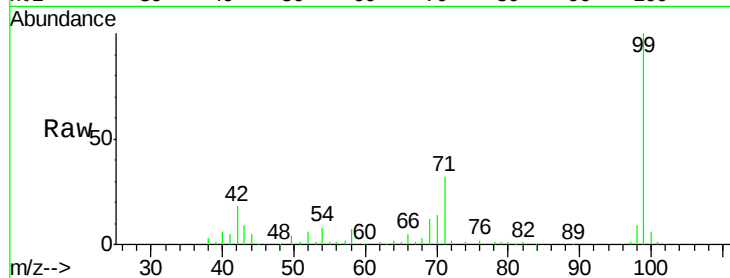
Tot Ion: 99 Resp: 94617

Ion Ratio Lower Upper

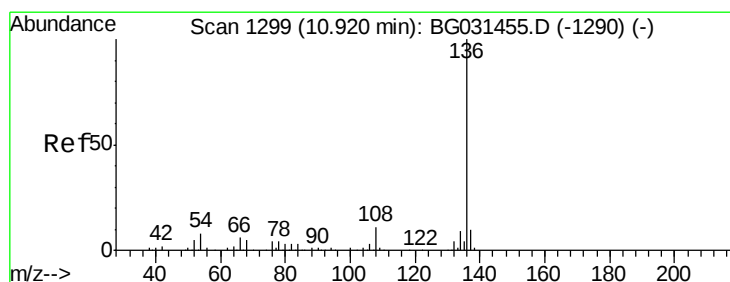
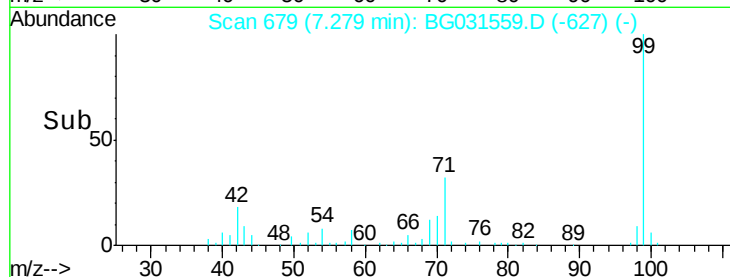
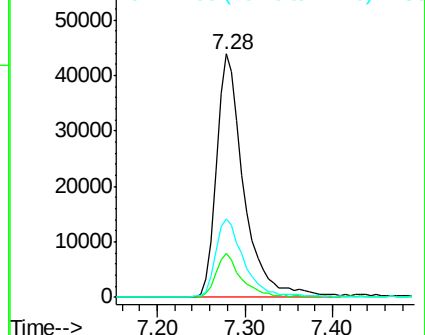
99 100

42 17.8 14.1 21.1

71 32.0 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

Tgt Ion: 136 Resp: 212084

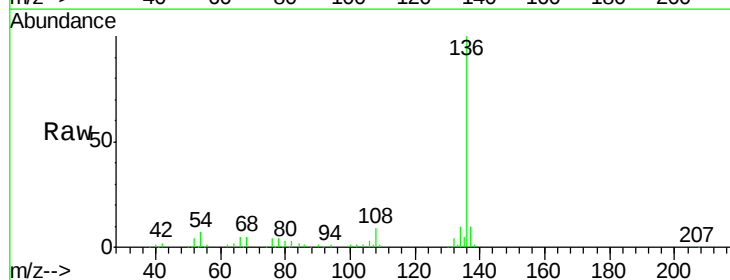
Ion Ratio Lower Upper

136 100

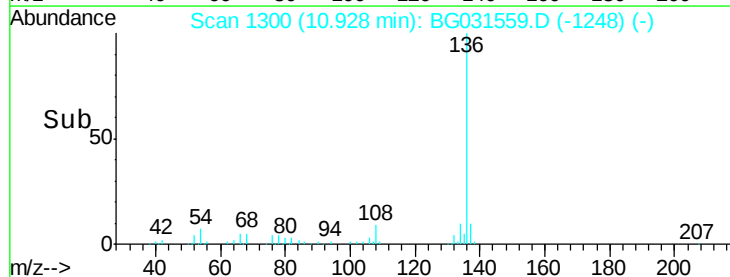
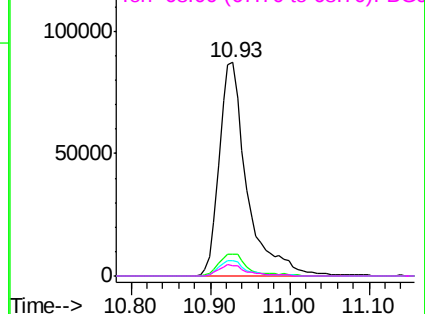
137 10.2 9.2 13.8

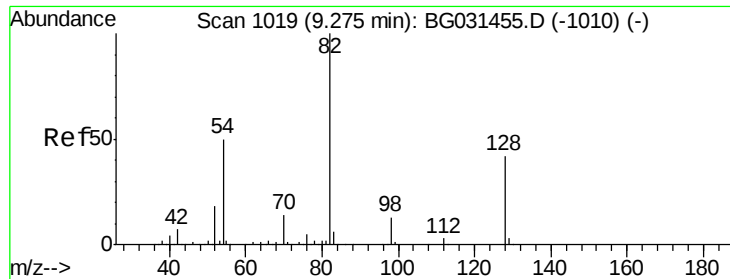
54 7.0 10.3 15.5#

68 5.1 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

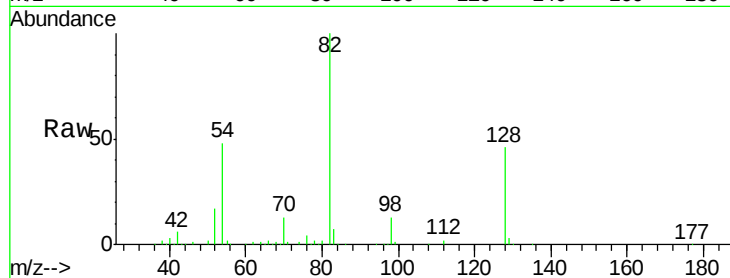




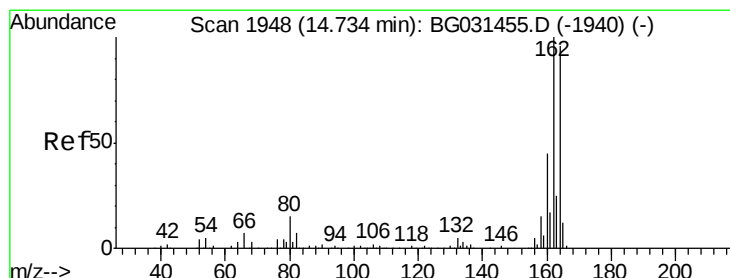
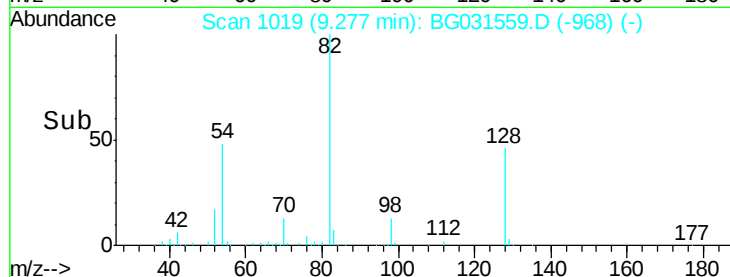
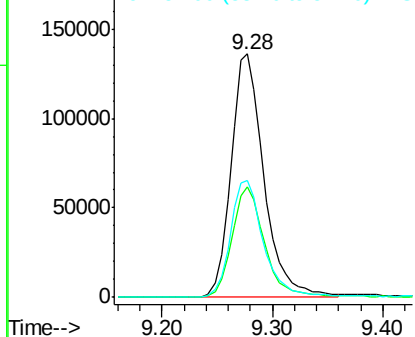
#23
 Nitrobenzene-d5
 Concen: 82.641 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-U-B

Tot Ion	82.00	Resp	284357
Ion Ratio	Lower	Upper	
82	100		
128	45.6	29.7	44.5#
54	48.1	43.1	64.7

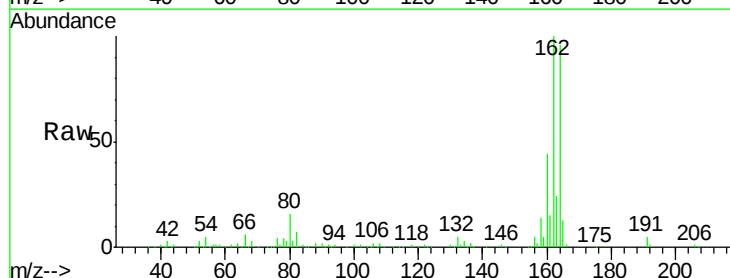


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

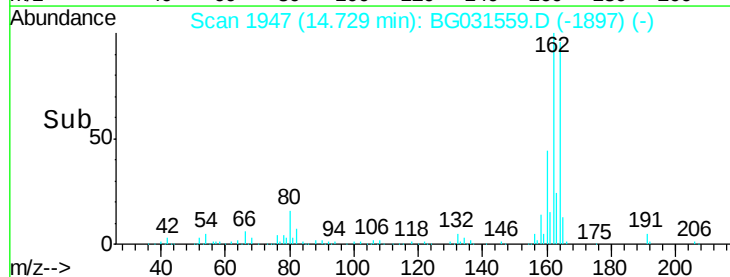
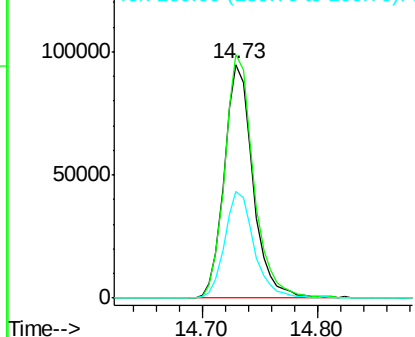


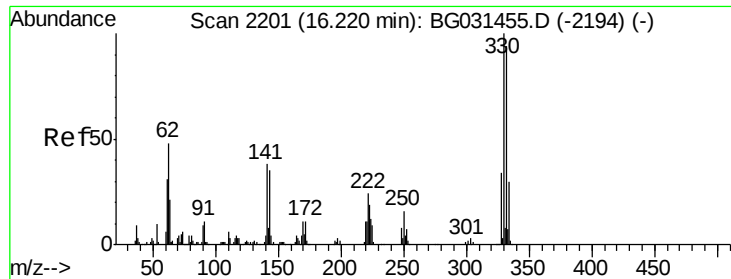
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

Tgt Ion	164.00	Resp	163260
Ion Ratio	Lower	Upper	
164	100		
162	104.3	78.8	118.2
160	45.5	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

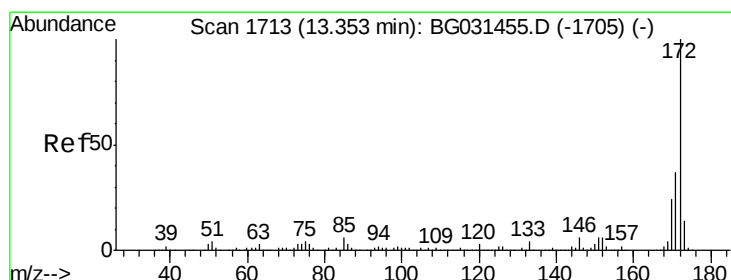
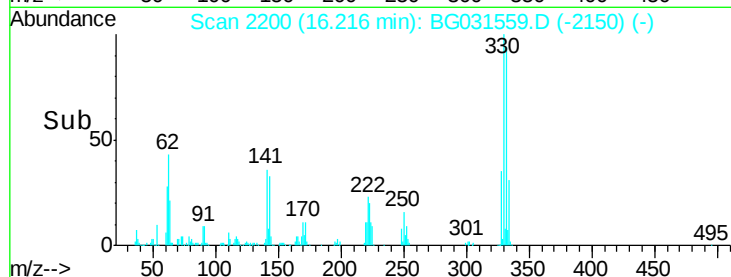
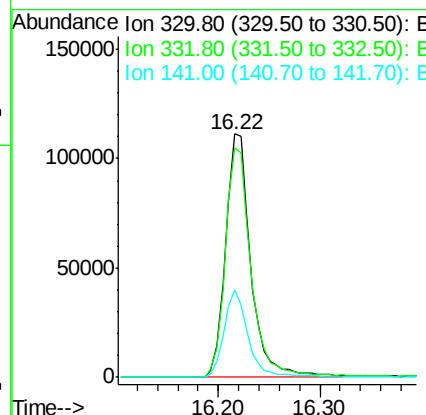
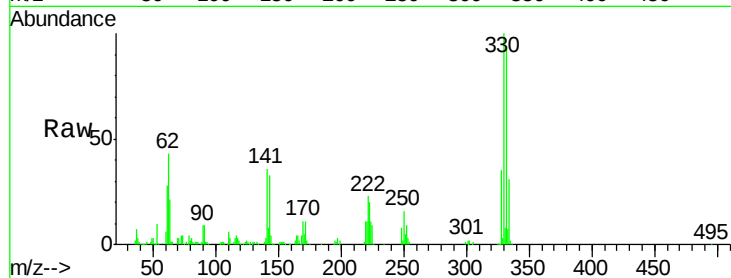




#41
 2,4,6-Tribromophenol
 Concen: 100.418 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

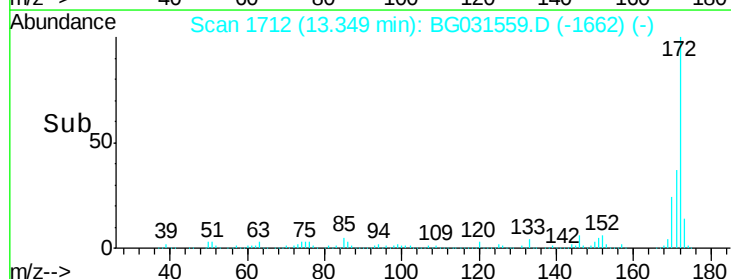
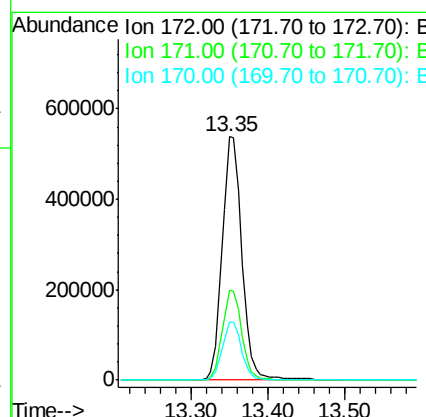
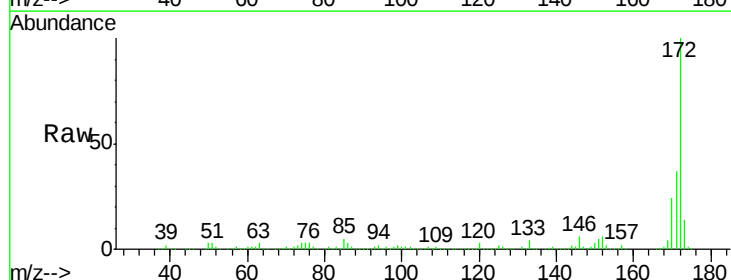
Instrument :
 BNA_G
 ClientSampleId :
 120617-JETT-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 85.245 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031559.D
 Acq: 14 Dec 2017 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-U-B

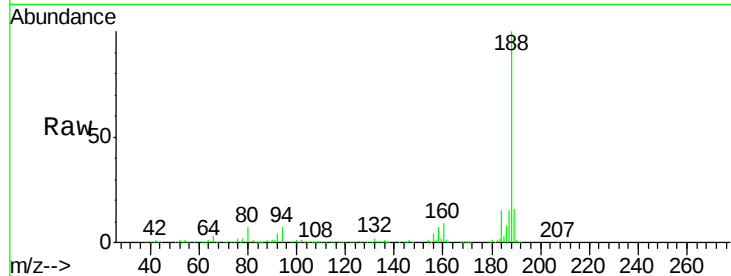
Tot Ion:188 Resp: 503671

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

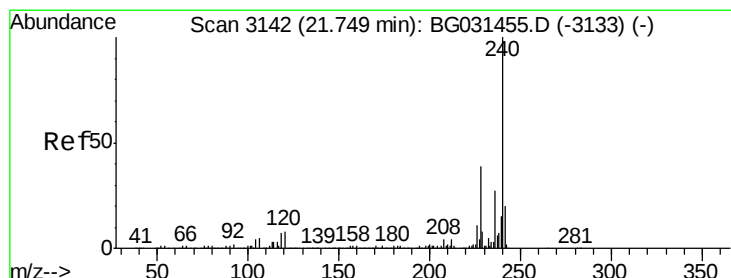
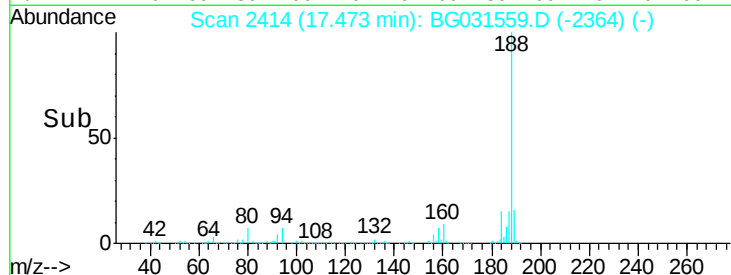
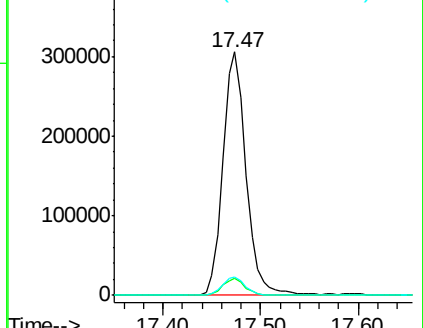
80 7.3 7.7 11.5#



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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

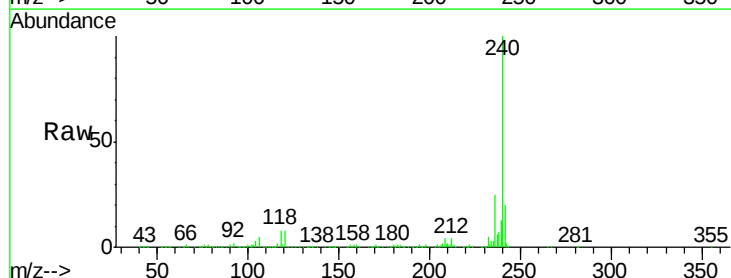
Tgt Ion:240 Resp: 586210

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

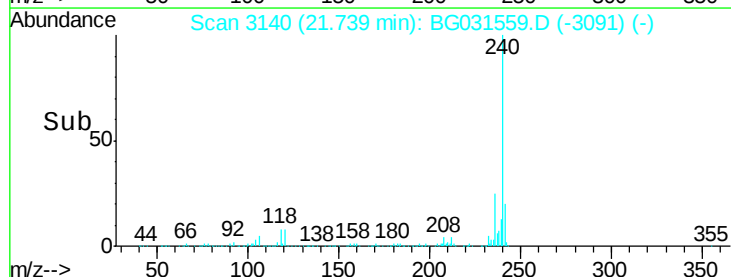
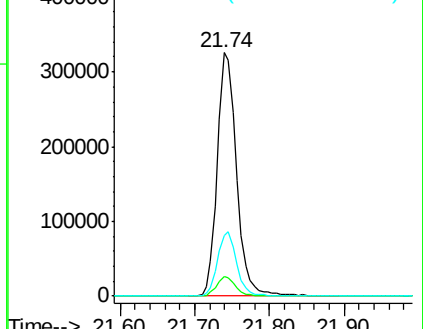
236 24.9 20.9 31.3

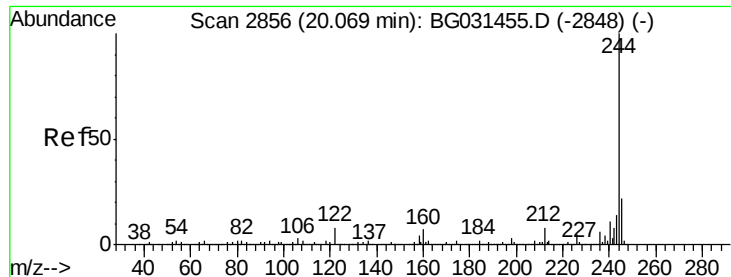


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.347 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

Instrument :

BNA_G

ClientSampleId :

120617-JETT-F-U-B

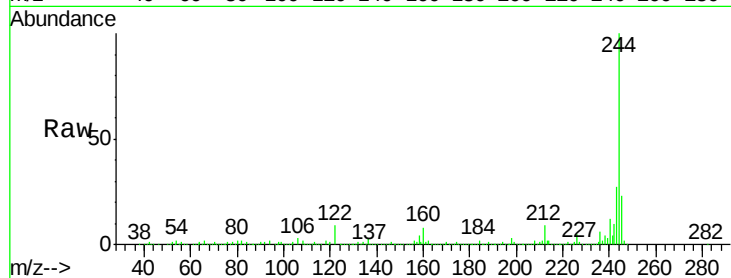
Tot Ion:244 Resp: 1889830

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

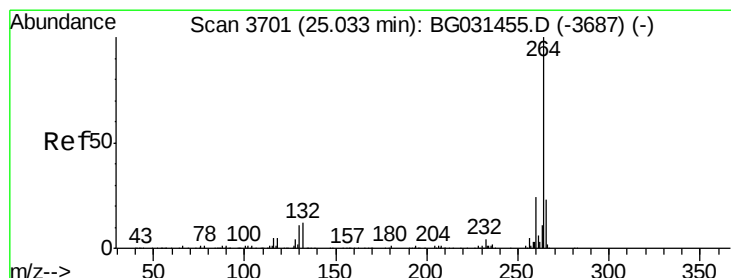
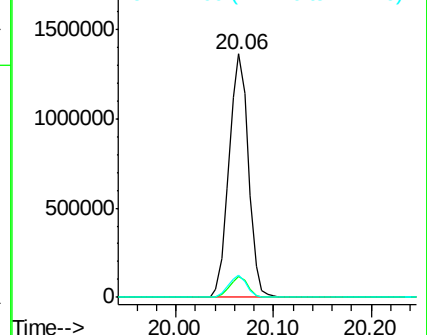
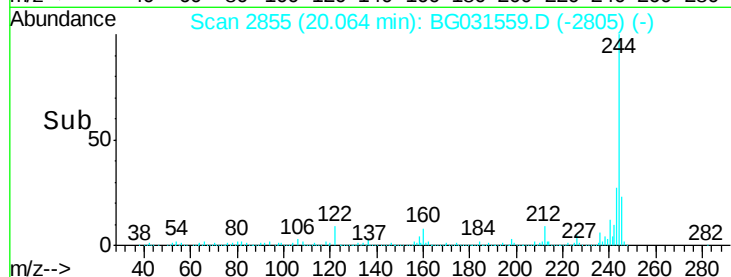
122 9.0 7.0 10.4



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: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031559.D

Acq: 14 Dec 2017 10:45

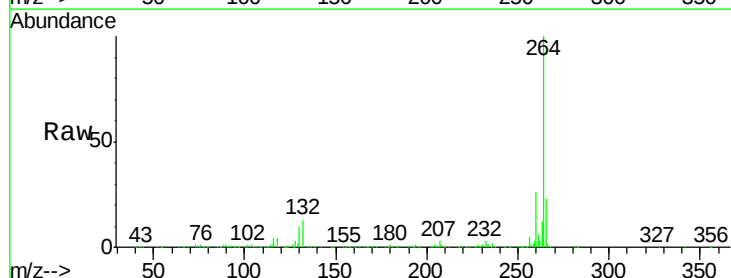
Tgt Ion:264 Resp: 564167

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 22.8 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

