

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031558.D
 Acq On : 14 Dec 2017 10:08
 Operator : SJ/JU
 Sample : I6817-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120617-FOPI-F-U-S

Quant Time: Dec 14 11:23:14 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	47903	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	206386	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	158883	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	500290	20.00	ng	0.00
75) Chrysene-d12	21.74	240	596624	20.00	ng	0.00
86) Perylene-d12	25.03	264	576626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	136754	50.60	ng	0.00
7) Phenol-d6	7.28	99	121846	32.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	292270	87.29	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	201252	108.12	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	942783	87.10	ng	0.00
78) Terphenyl-d14	20.06	244	1997885	76.19	ng	0.00

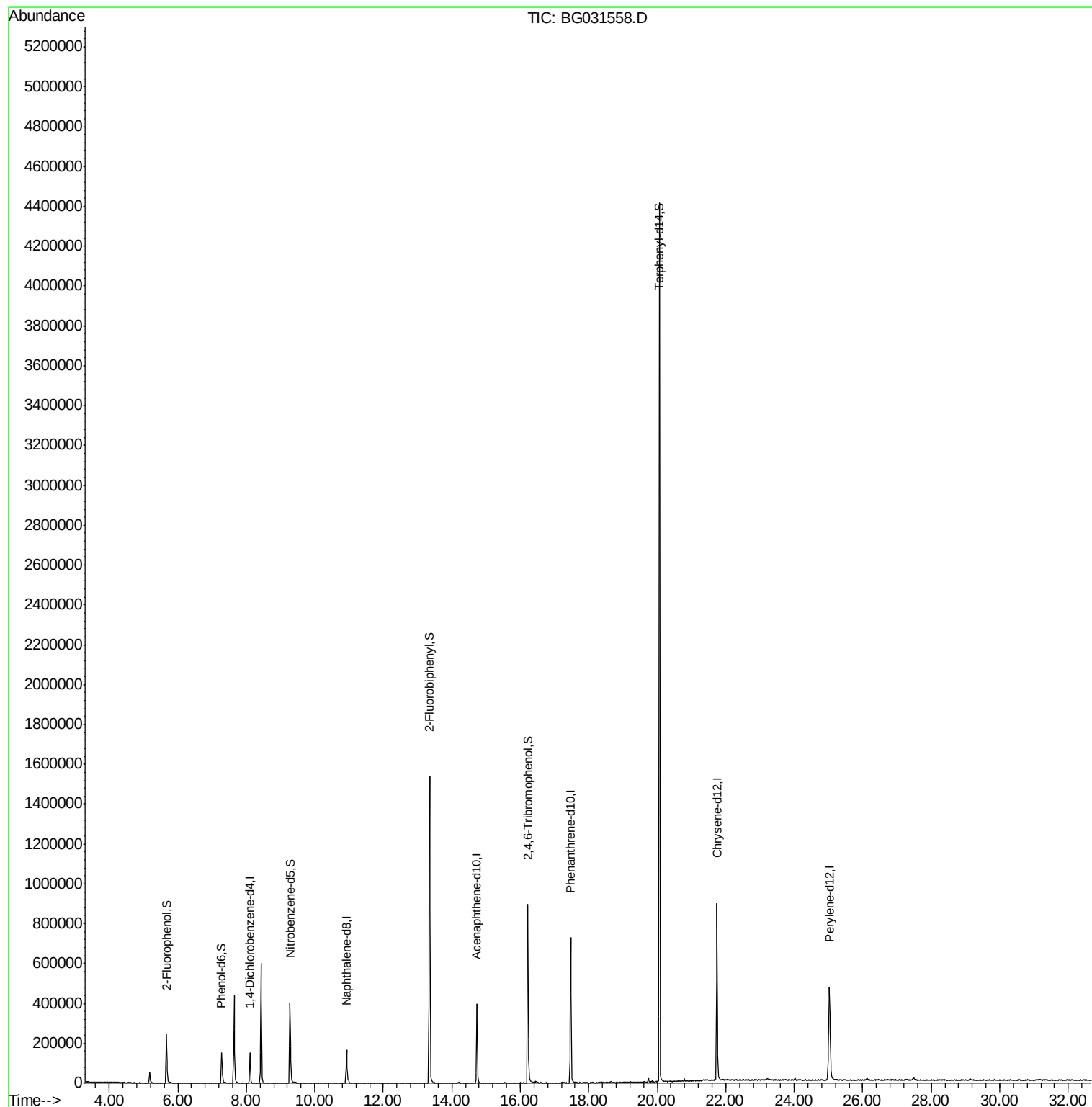
Target Compounds Qvalue

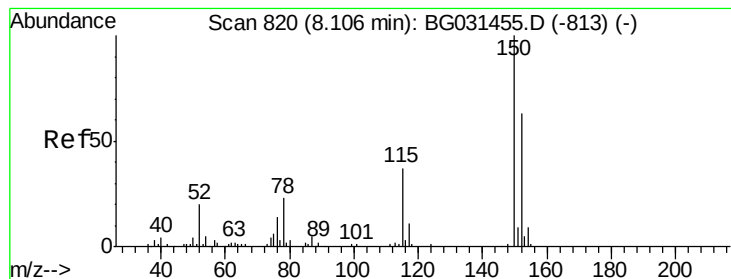
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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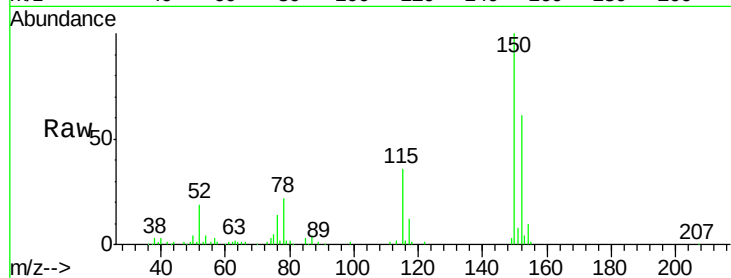


#1

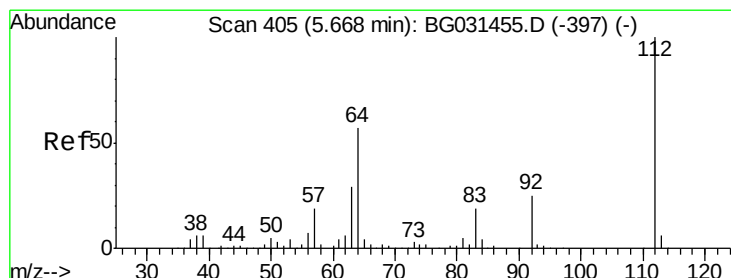
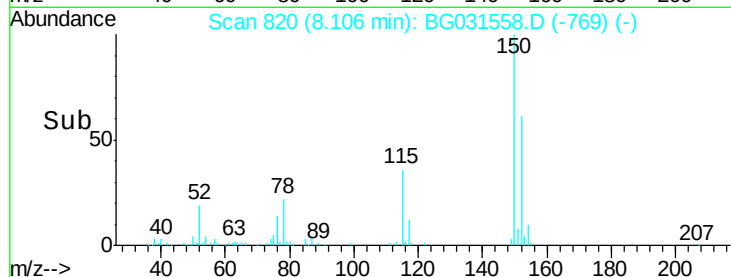
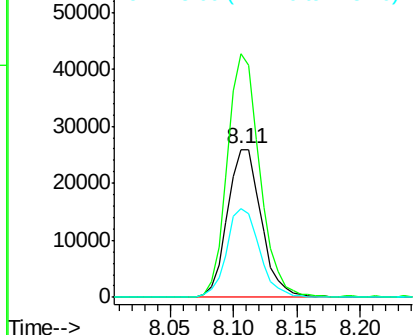
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031558.D
Acq: 14 Dec 2017 10:08

Instrument :
BNA_G
ClientSampleId :
120617-FOPI-F-U-S

Tot Ion	152	Resp	47903
Ion Ratio	Lower	Upper	
152	100		
150	164.3	126.6	189.8
115	59.9	53.0	79.4



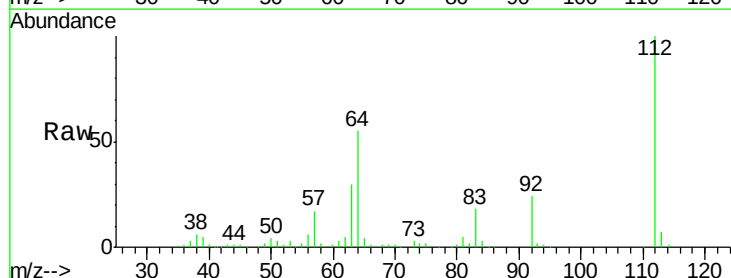
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



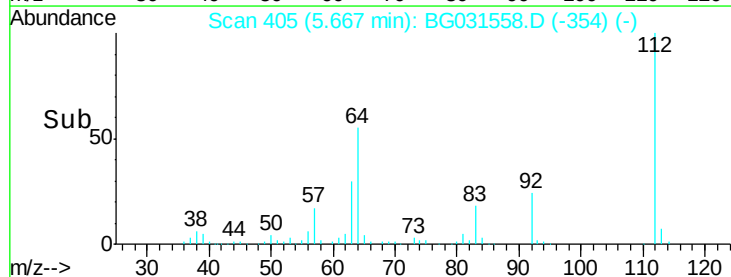
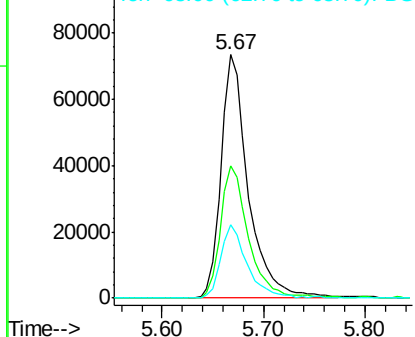
#5

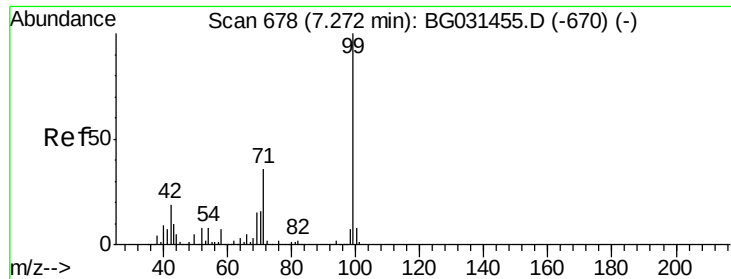
2-Fluorophenol
Concen: 50.602 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031558.D
Acq: 14 Dec 2017 10:08

Tgt Ion	112	Resp	136754
Ion Ratio	Lower	Upper	
112	100		
64	54.6	56.3	84.5#
63	30.1	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: 32.477 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031558.D

Acq: 14 Dec 2017 10:08

Instrument :

BNA_G

ClientSampleId :

120617-FOPI-F-U-S

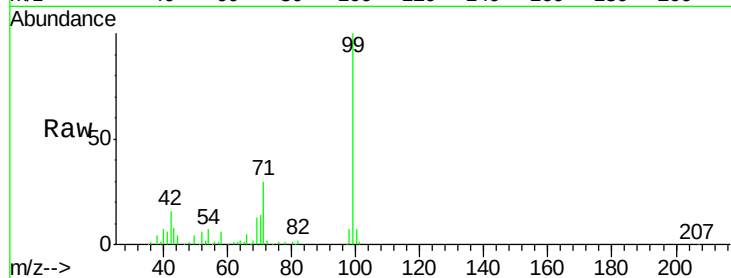
Tot Ion: 99 Resp: 121846

Ion Ratio Lower Upper

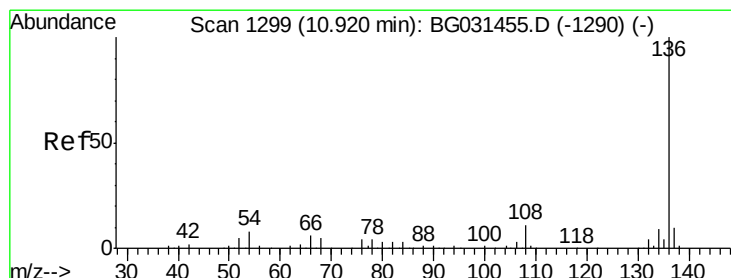
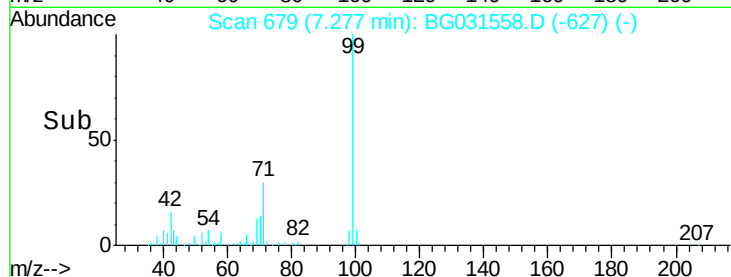
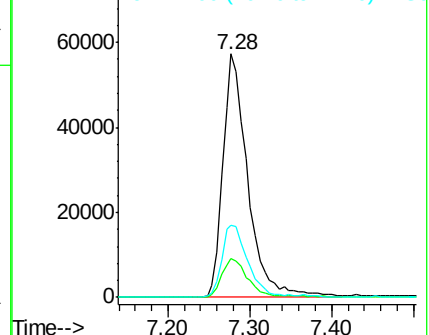
99 100

42 16.1 14.1 21.1

71 29.7 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: BG031558.D

Acq: 14 Dec 2017 10:08

Tgt Ion: 136 Resp: 206386

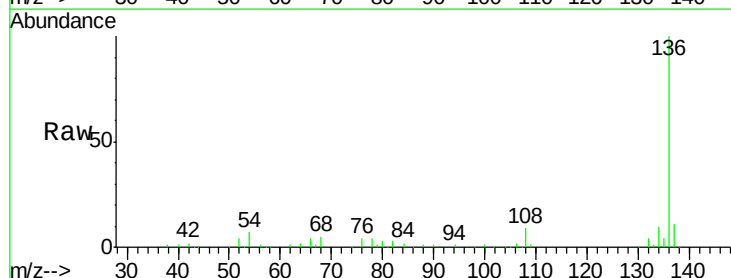
Ion Ratio Lower Upper

136 100

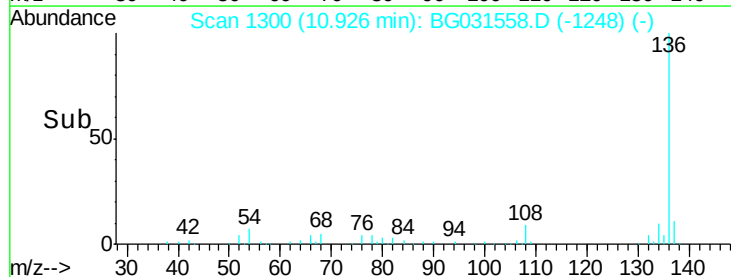
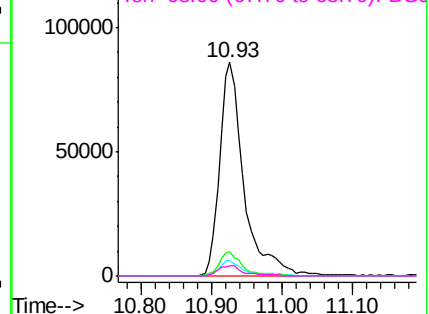
137 11.4 9.2 13.8

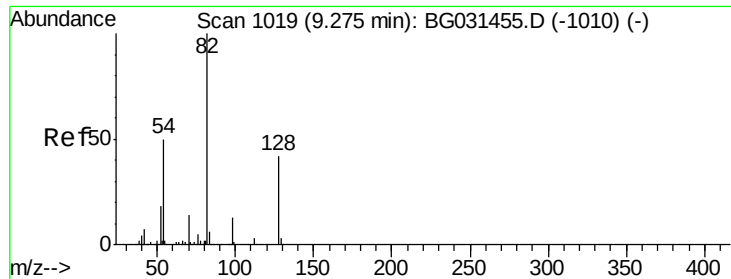
54 7.0 10.3 15.5#

68 5.0 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

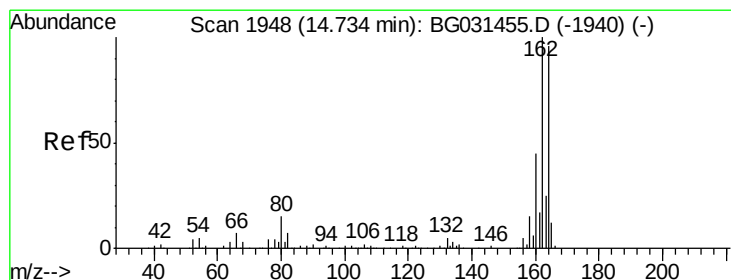
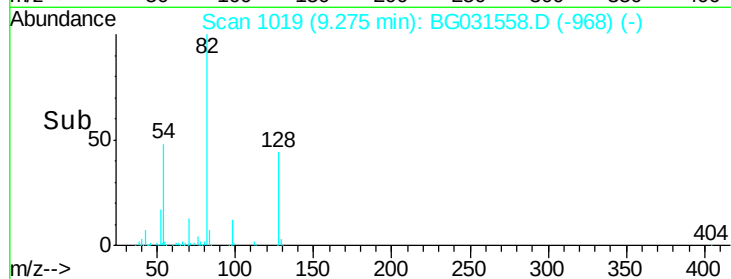
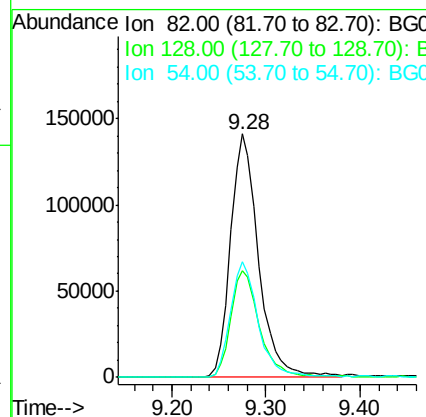
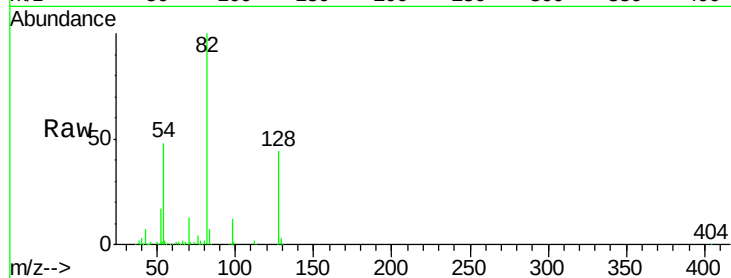




#23
 Nitrobenzene-d5
 Concen: 87.286 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031558.D
 Acq: 14 Dec 2017 10:08

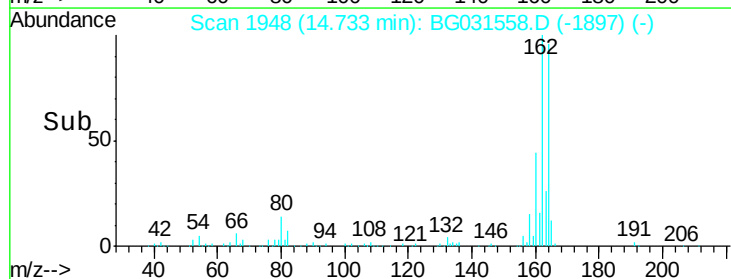
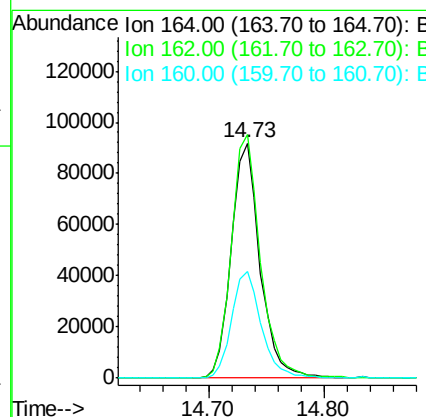
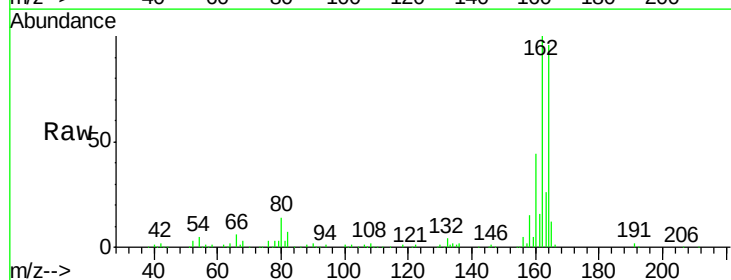
Instrument :
 BNA_G
 ClientSampleId :
 120617-FOPI-F-U-S

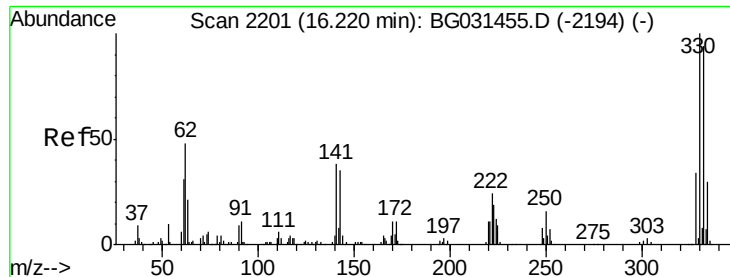
Tot Ion	82	Resp	292270
Ion Ratio	Lower	Upper	
82	100		
128	44.0	29.7	44.5
54	47.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031558.D
 Acq: 14 Dec 2017 10:08

Tgt Ion	164	Resp	158883
Ion Ratio	Lower	Upper	
164	100		
162	103.6	78.8	118.2
160	45.4	35.4	53.0

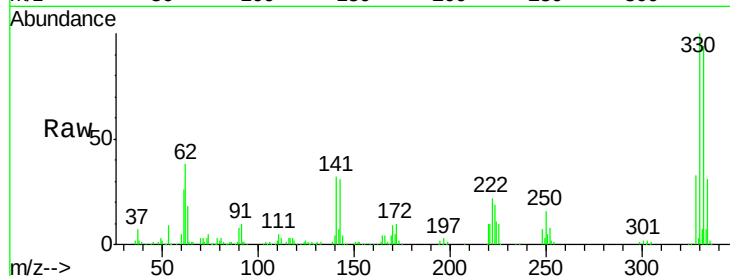




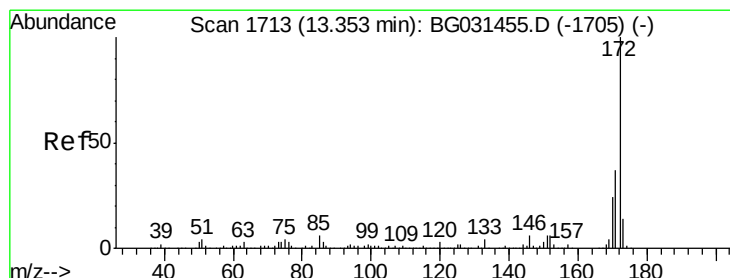
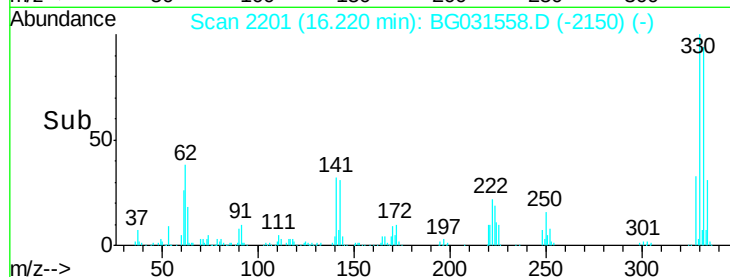
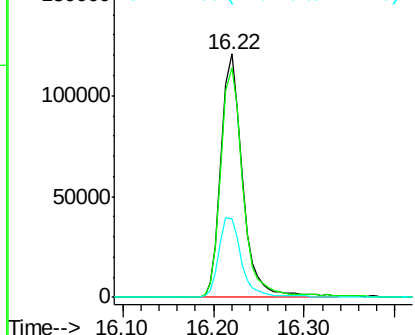
#41
 2,4,6-Tribromophenol
 Concen: 108.120 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031558.D
 Acq: 14 Dec 2017 10:08

Instrument :
 BNA_G
 ClientSampleId :
 120617-FOPI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.3	25.2	37.8

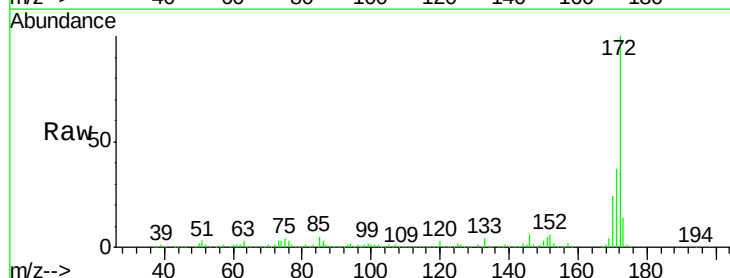


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

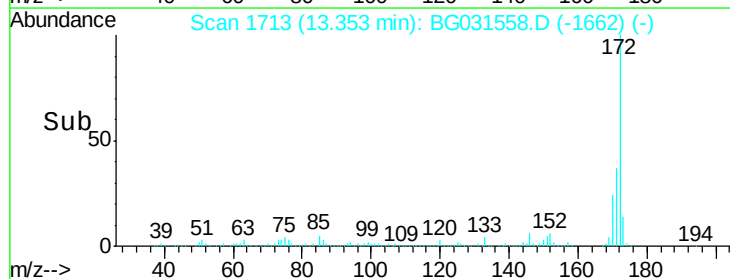
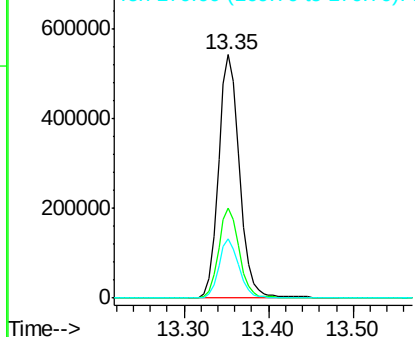


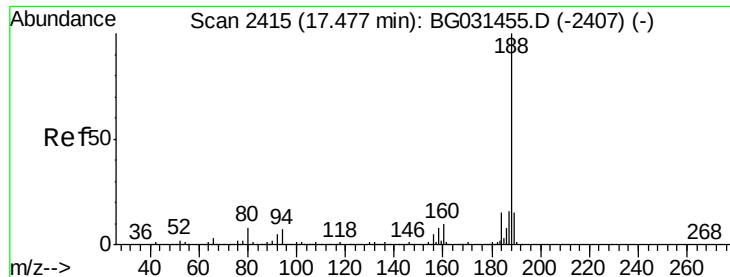
#44
 2-Fluorobiphenyl
 Concen: 87.101 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031558.D
 Acq: 14 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.4	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

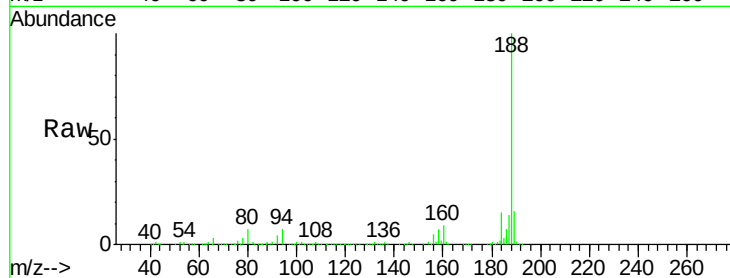




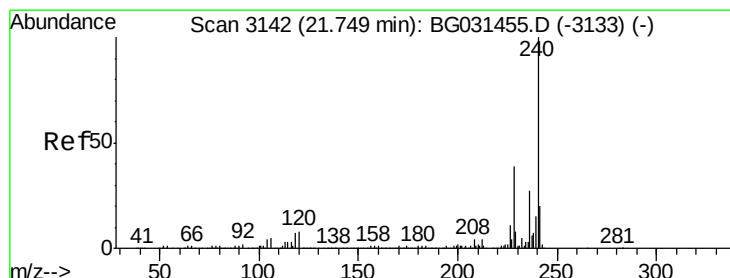
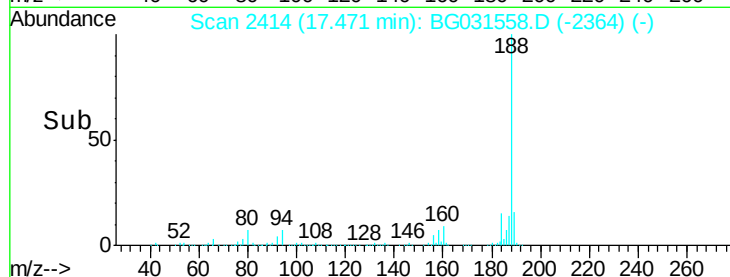
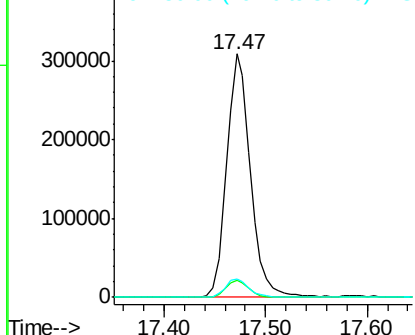
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031558.D
Acq: 14 Dec 2017 10:08

Instrument :
BNA_G
ClientSampleId :
120617-FOPI-F-U-S

Tot Ion:188 Resp: 500290
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 7.4 7.7 11.5#

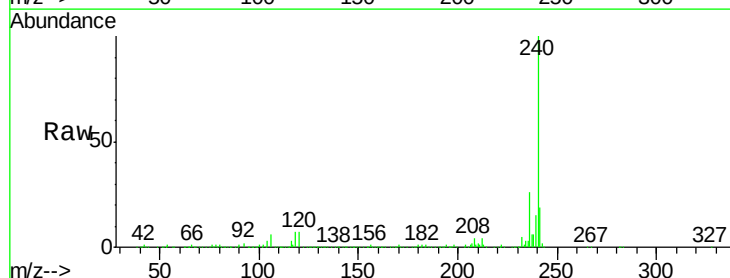


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

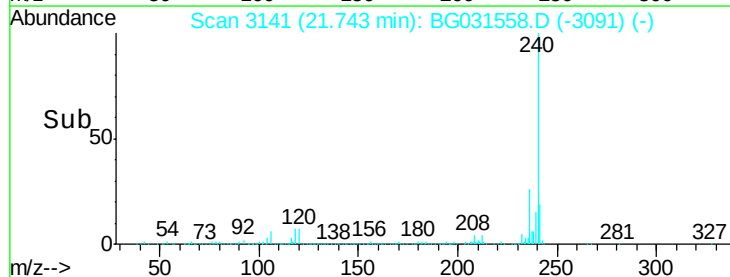
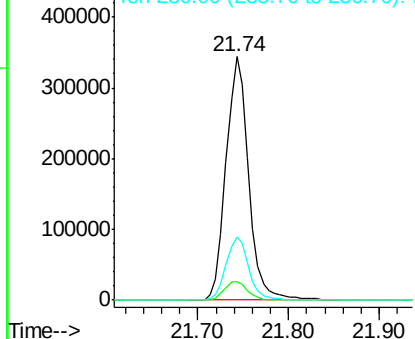


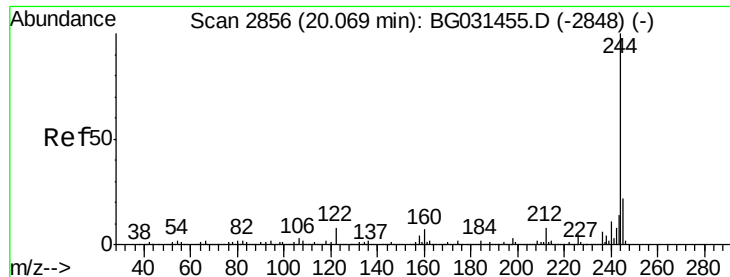
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031558.D
Acq: 14 Dec 2017 10:08

Tgt Ion:240 Resp: 596624
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.8 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: 76.187 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031558.D

Acq: 14 Dec 2017 10:08

Instrument :

BNA_G

ClientSampleId :

120617-FOPI-F-U-S

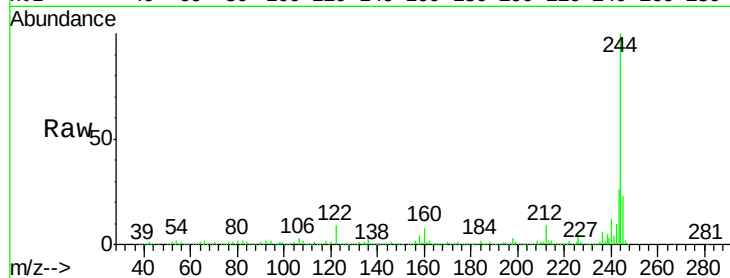
Tot Ion:244 Resp: 1997885

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

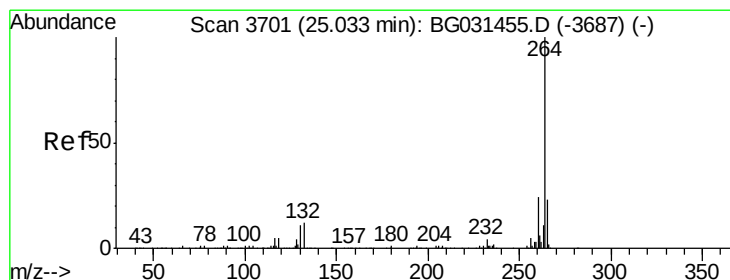
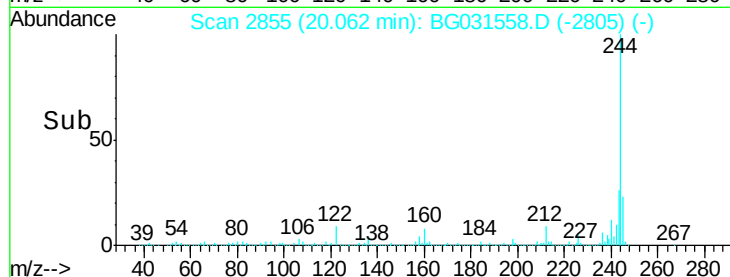
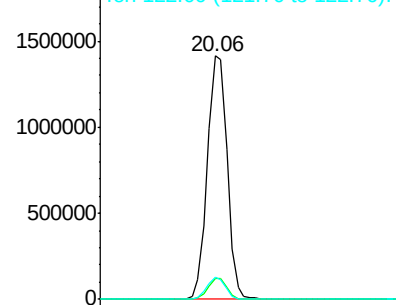
122 9.1 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031558.D

Acq: 14 Dec 2017 10:08

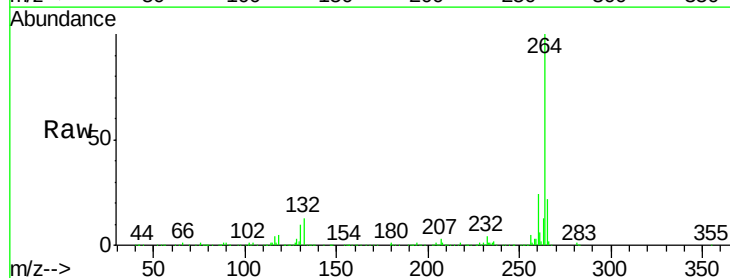
Tgt Ion:264 Resp: 576626

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.0 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

