

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032175.D
 Acq On : 20 Jan 2018 7:37
 Operator : SJ/JU
 Sample : J1159-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD-1

Quant Time: Jan 22 00:10:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

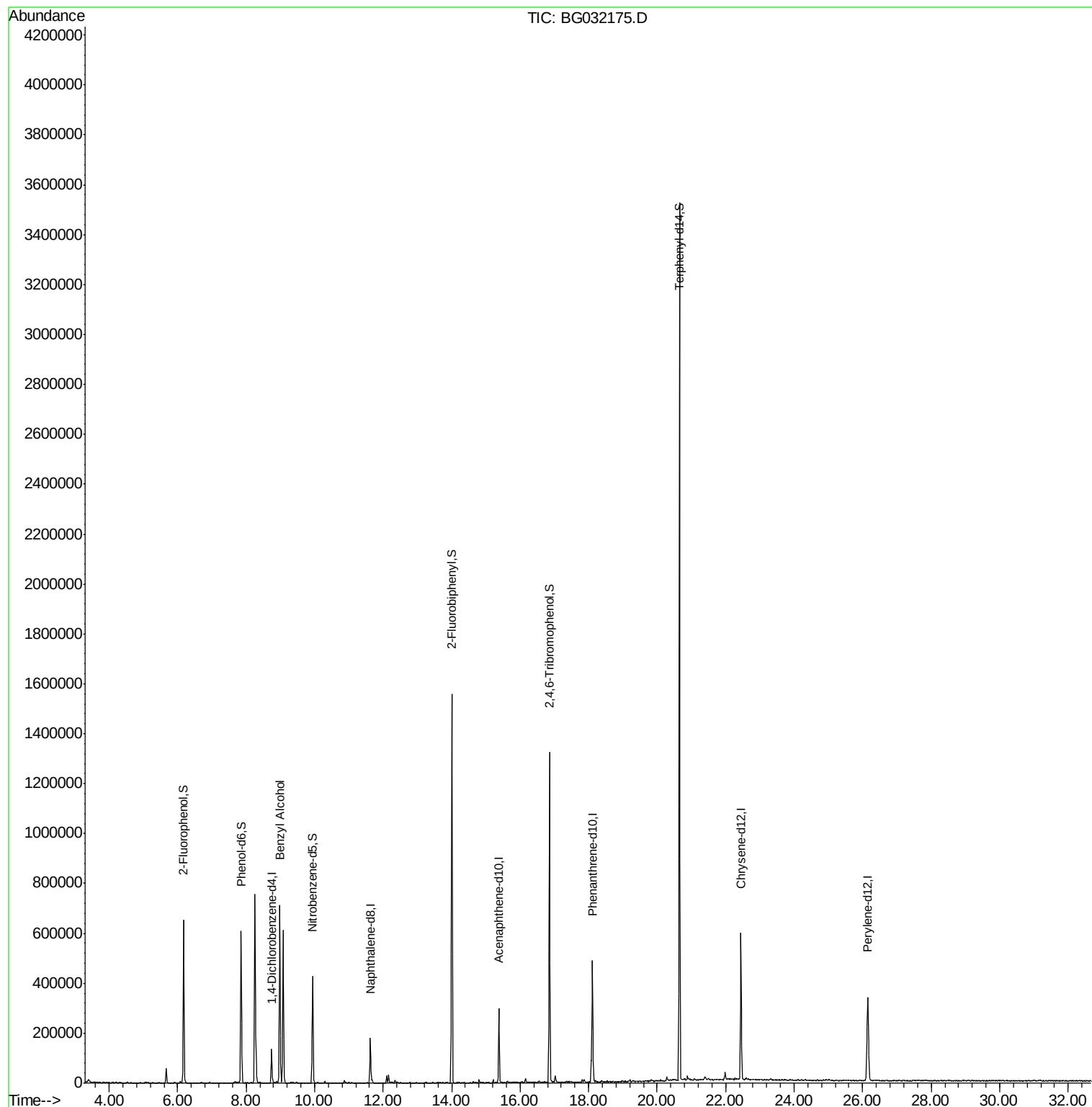
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	44336	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	177324	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	117223	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	326324	20.00	ng	0.00
75) Chrysene-d12	22.45	240	446379	20.00	ng	0.00
86) Perylene-d12	26.15	264	469192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	335102	138.24	ng	0.00
7) Phenol-d6	7.85	99	385411	126.24	ng	0.00
23) Nitrobenzene-d5	9.94	82	267382	102.01	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	310715	160.18	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	911942	96.46	ng	0.00
78) Terphenyl-d14	20.65	244	1897569	93.86	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.98	79	275483	124.208	ng	96

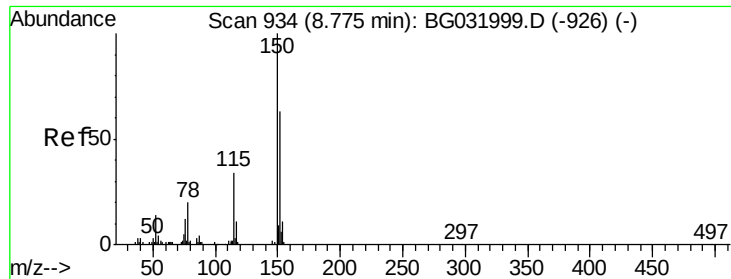
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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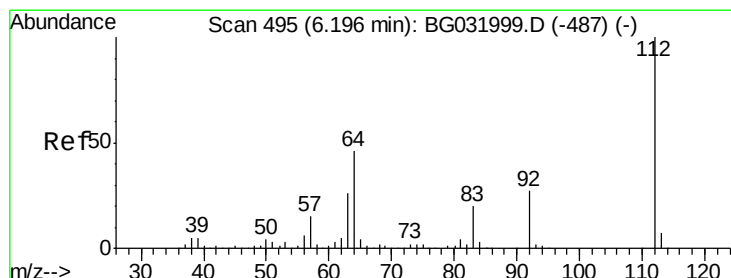
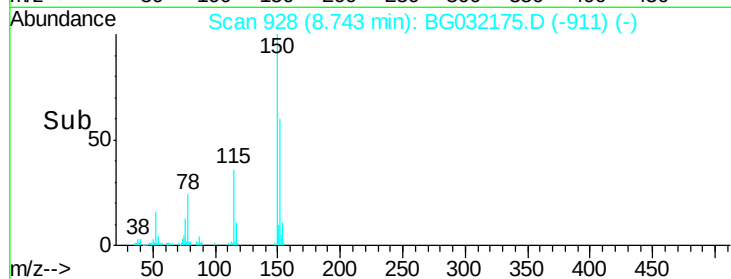
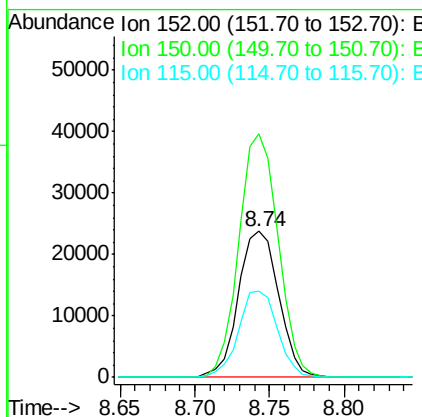
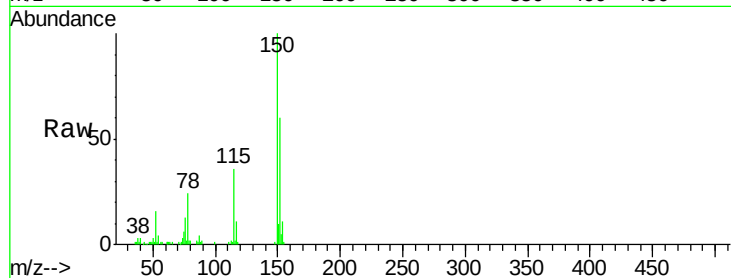


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :
FD-1

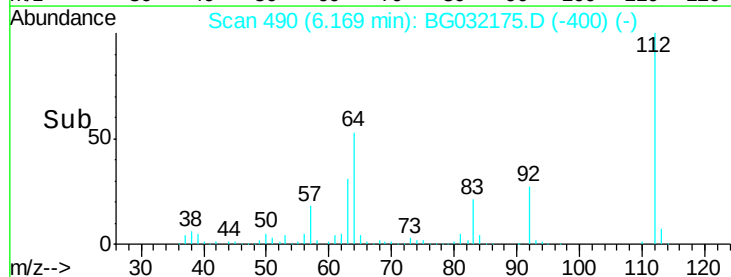
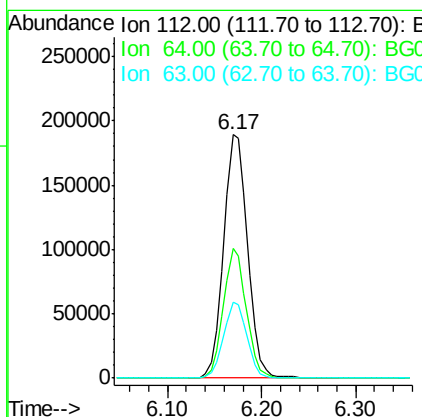
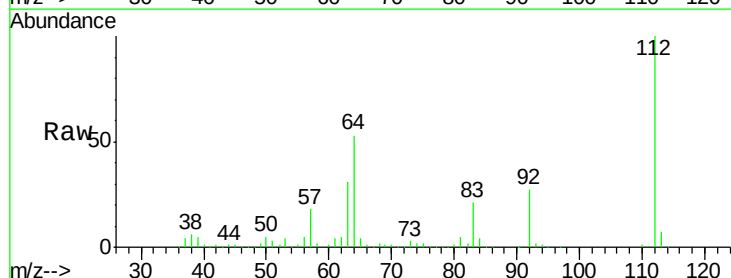
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.9	126.6	189.8
115	59.4	53.0	79.4

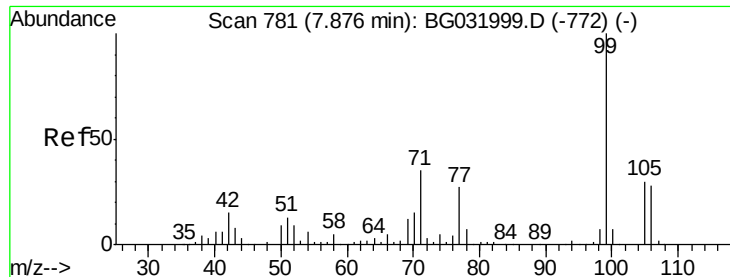


#5

2-Fluorophenol
Concen: 138.235 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	56.3	84.5#
63	31.2	30.1	45.1





#7

Phenol-d6

Concen: 126.238 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampled :

FD-1

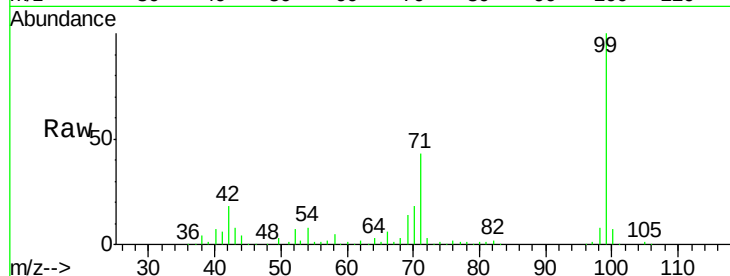
Tot Ion: 99 Resp: 385411

Ion Ratio Lower Upper

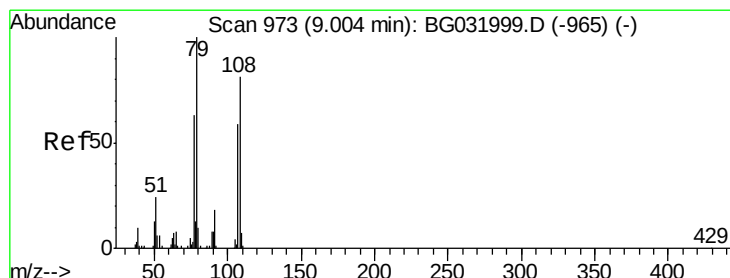
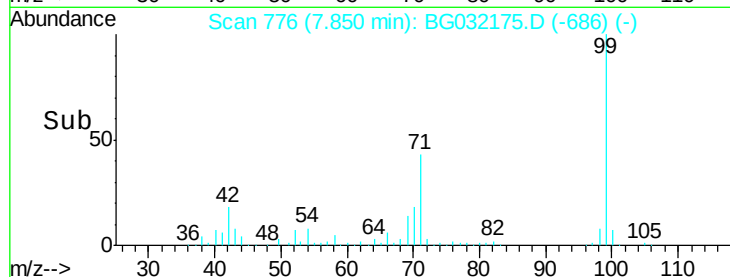
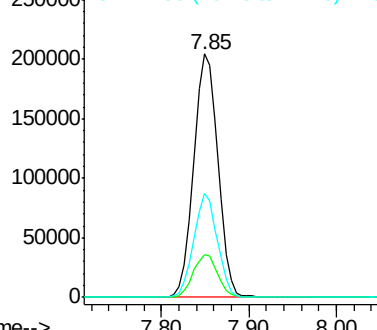
99 100

42 17.5 14.1 21.1

71 42.8 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



#15

Benzyl Alcohol

Concen: 124.208 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.01 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

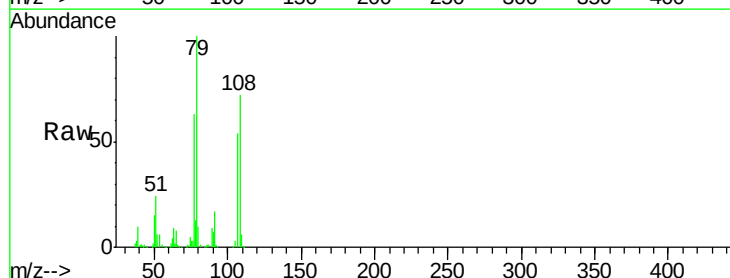
Tgt Ion: 79 Resp: 275483

Ion Ratio Lower Upper

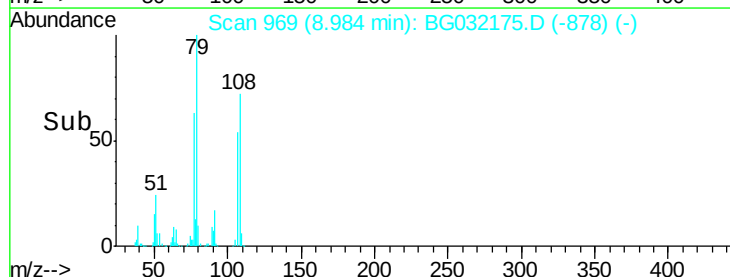
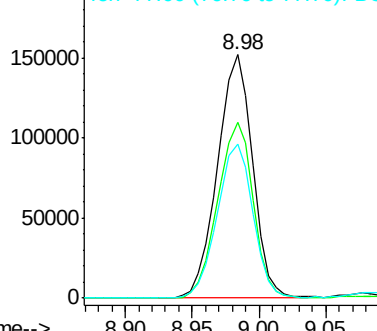
79 100

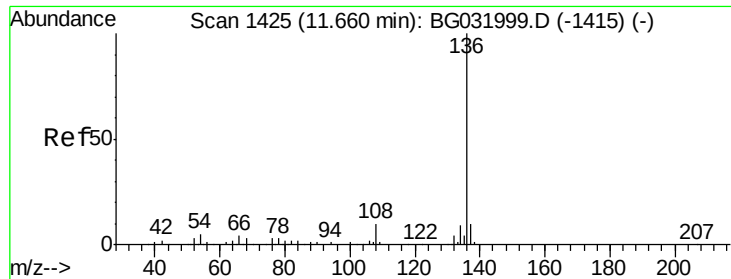
108 72.0 57.2 85.8

77 63.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

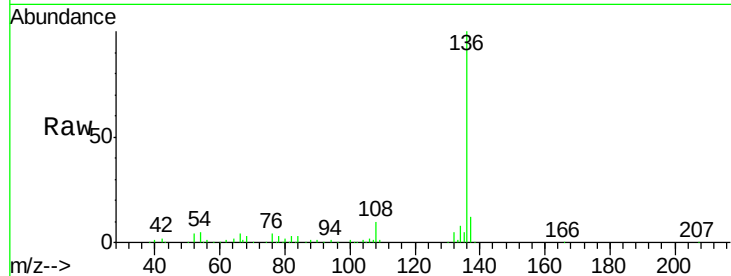




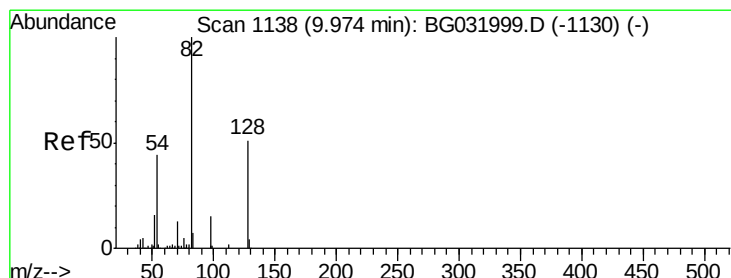
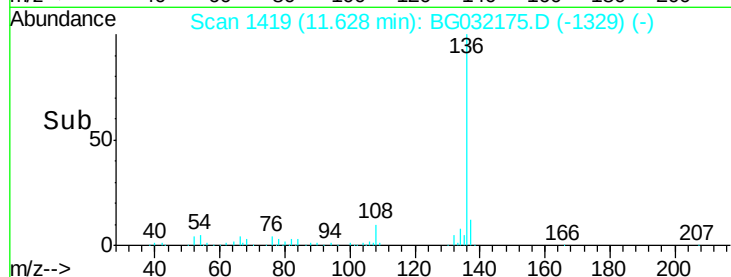
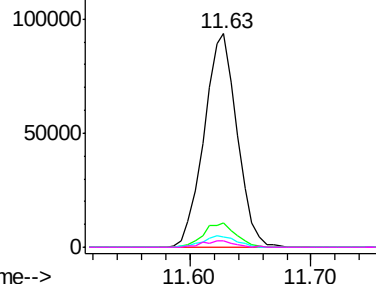
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :
FD-1

Tot Ion:136	Resp:	177324
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.2	13.8
54 4.9	10.3	15.5#
68 3.2	4.5	6.7#

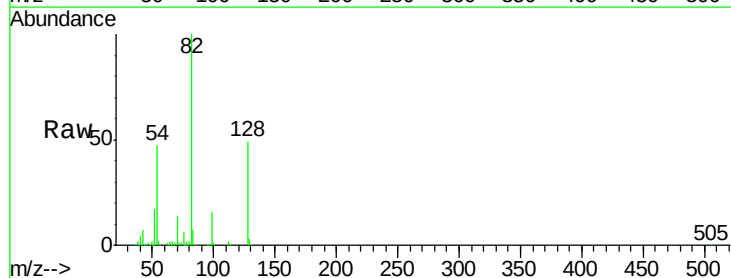


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

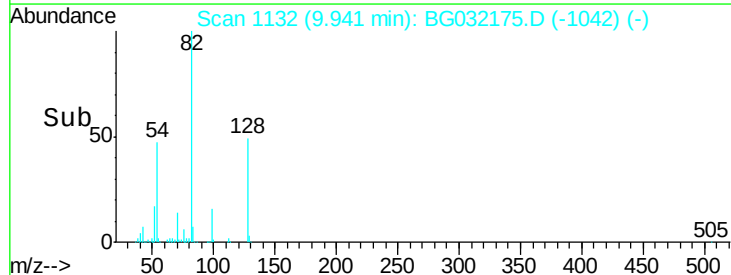
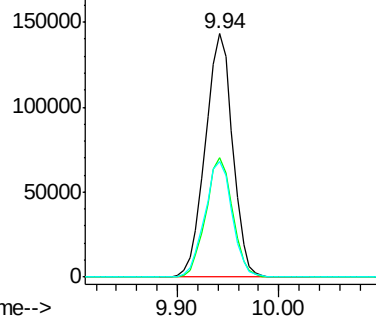


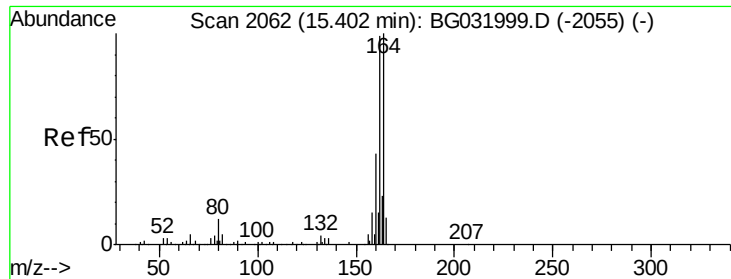
#23
Nitrobenzene-d5
Concen: 102.014 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion: 82	Resp: 267382
Ion Ratio	Lower Upper
82 100	
128 48.9	29.7 44.5#
54 47.4	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

FD-1

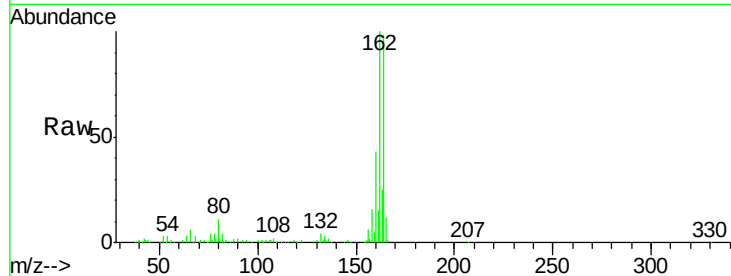
Tot Ion:164 Resp: 117223

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

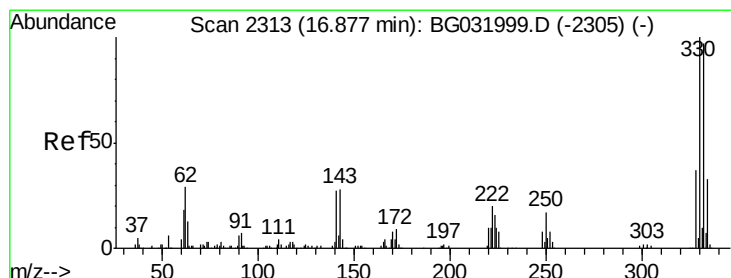
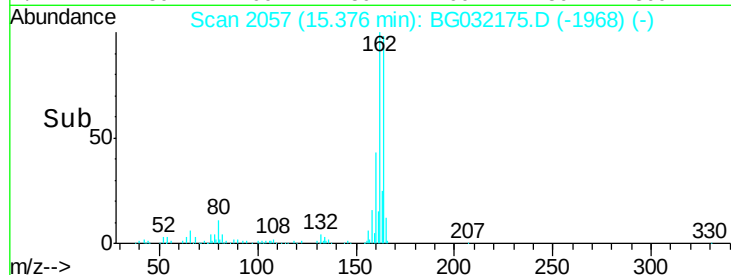
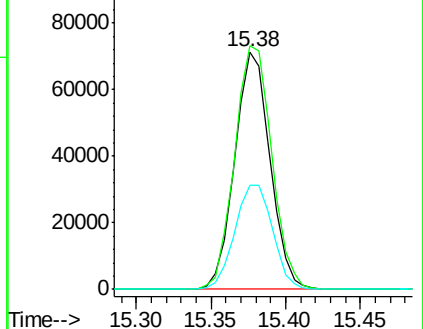
160 44.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 160.182 ng

RT: 16.86 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

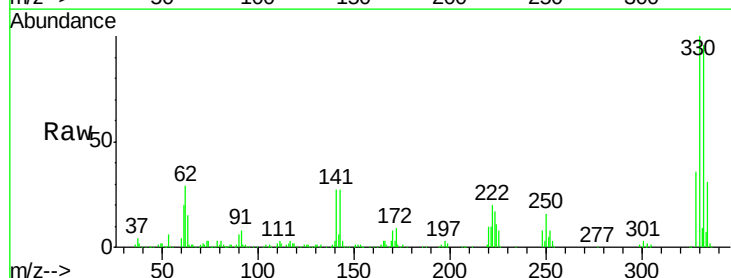
Tgt Ion:330 Resp: 310715

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

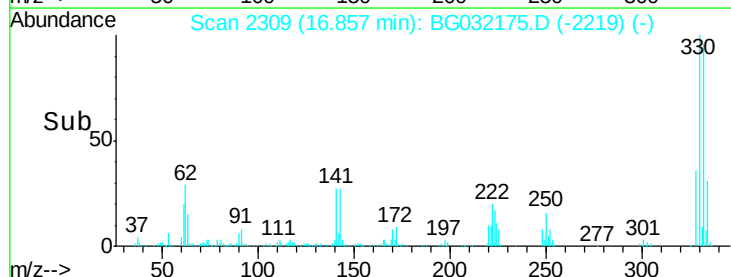
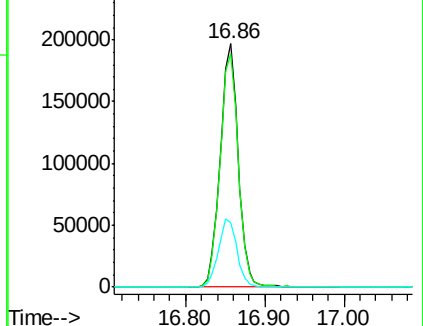
141 29.0 25.2 37.8

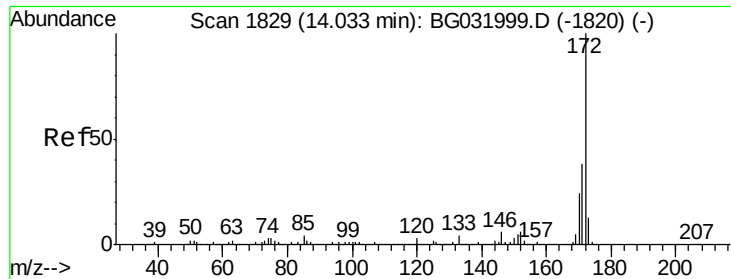


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

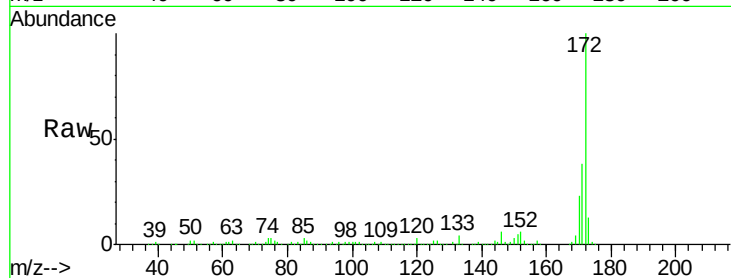




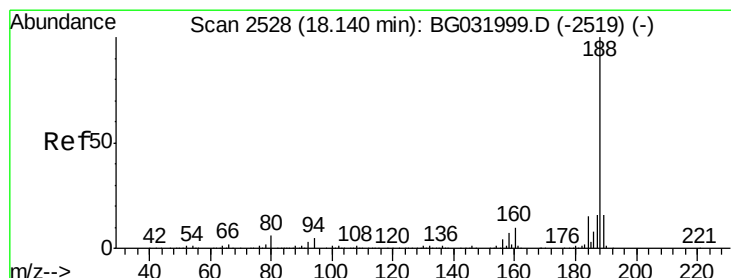
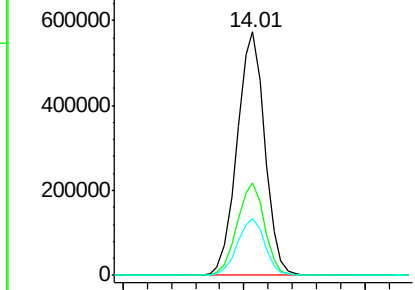
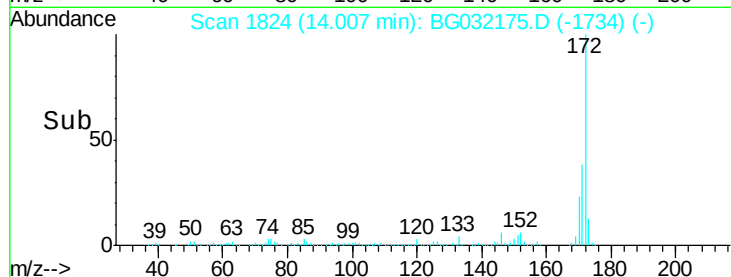
#44
2-Fluorobiphenyl
Concen: 96.463 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :
FD-1

Tot Ion:172 Resp: 911942
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 23.1 19.5 29.3

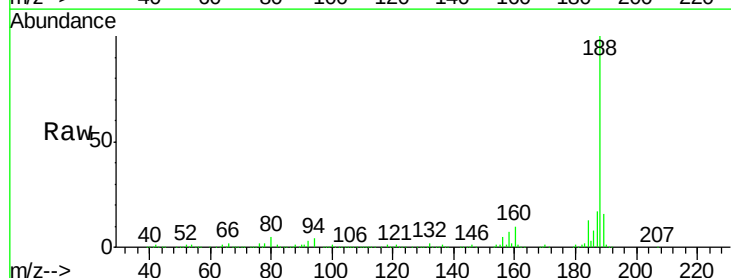


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

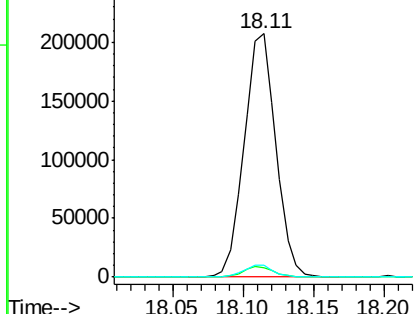
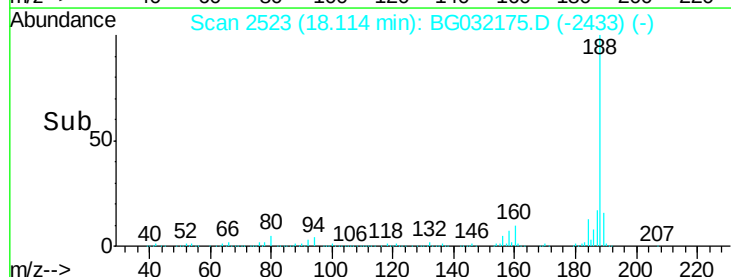


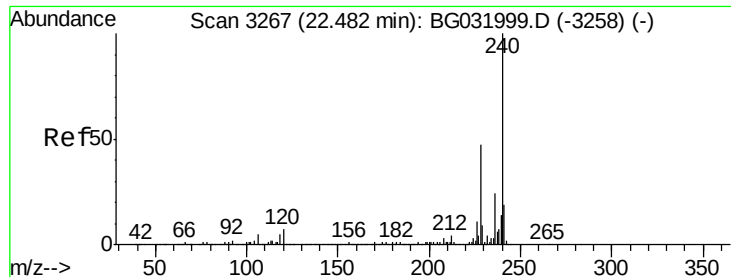
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion:188 Resp: 326324
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.7 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

Chrvsene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

FD-1

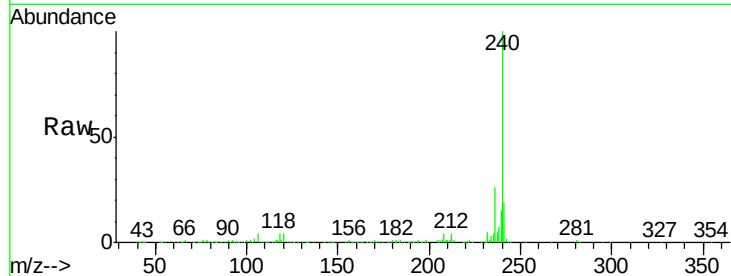
Tot Ion:240 Resp: 446379

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

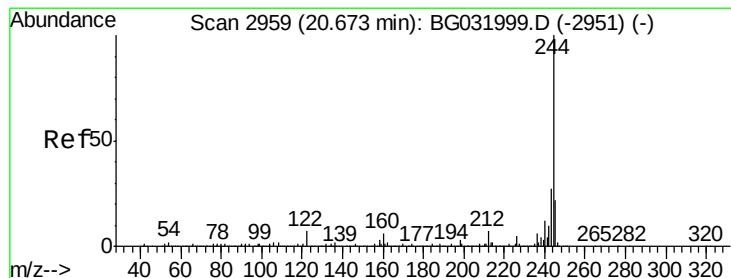
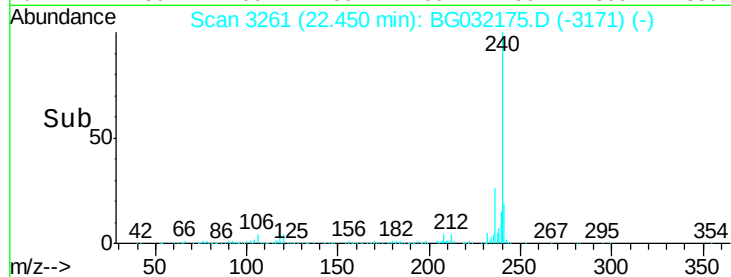
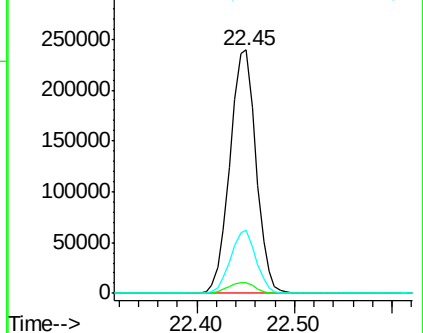
236 25.9 20.9 31.3



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: 93.865 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

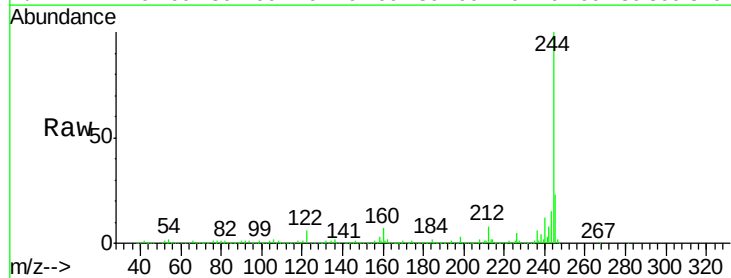
Tgt Ion:244 Resp: 1897569

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

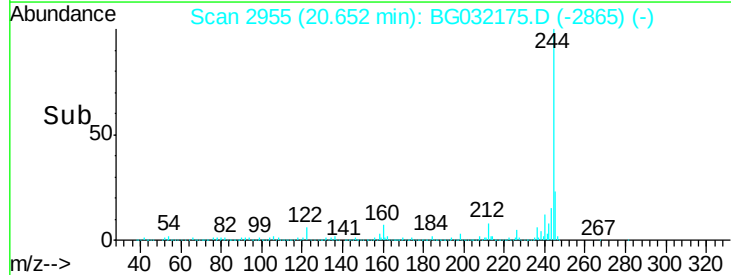
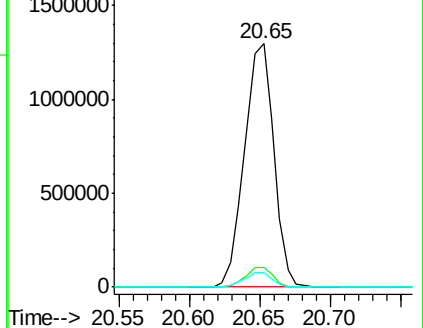
122 6.1 7.0 10.4#

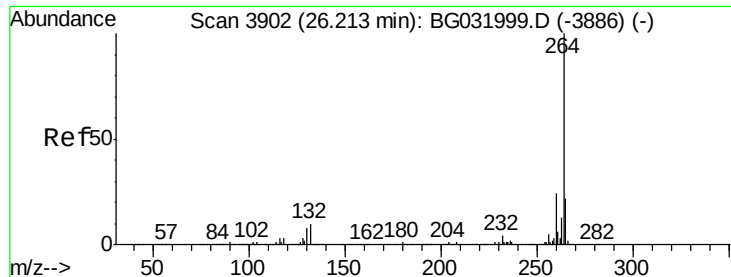


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

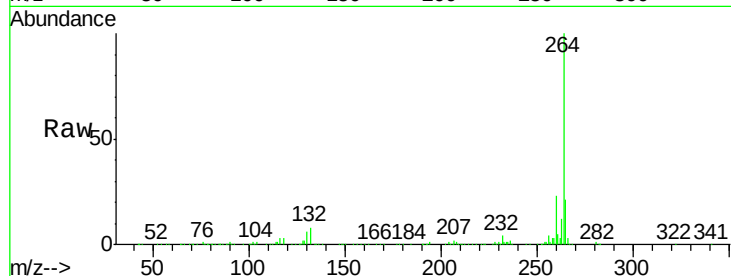




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :
FD-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.4	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

