

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121317\
 Data File : BG031555.D
 Acq On : 14 Dec 2017 8:15
 Operator : SJ/JU
 Sample : I6817-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 09:49:33 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

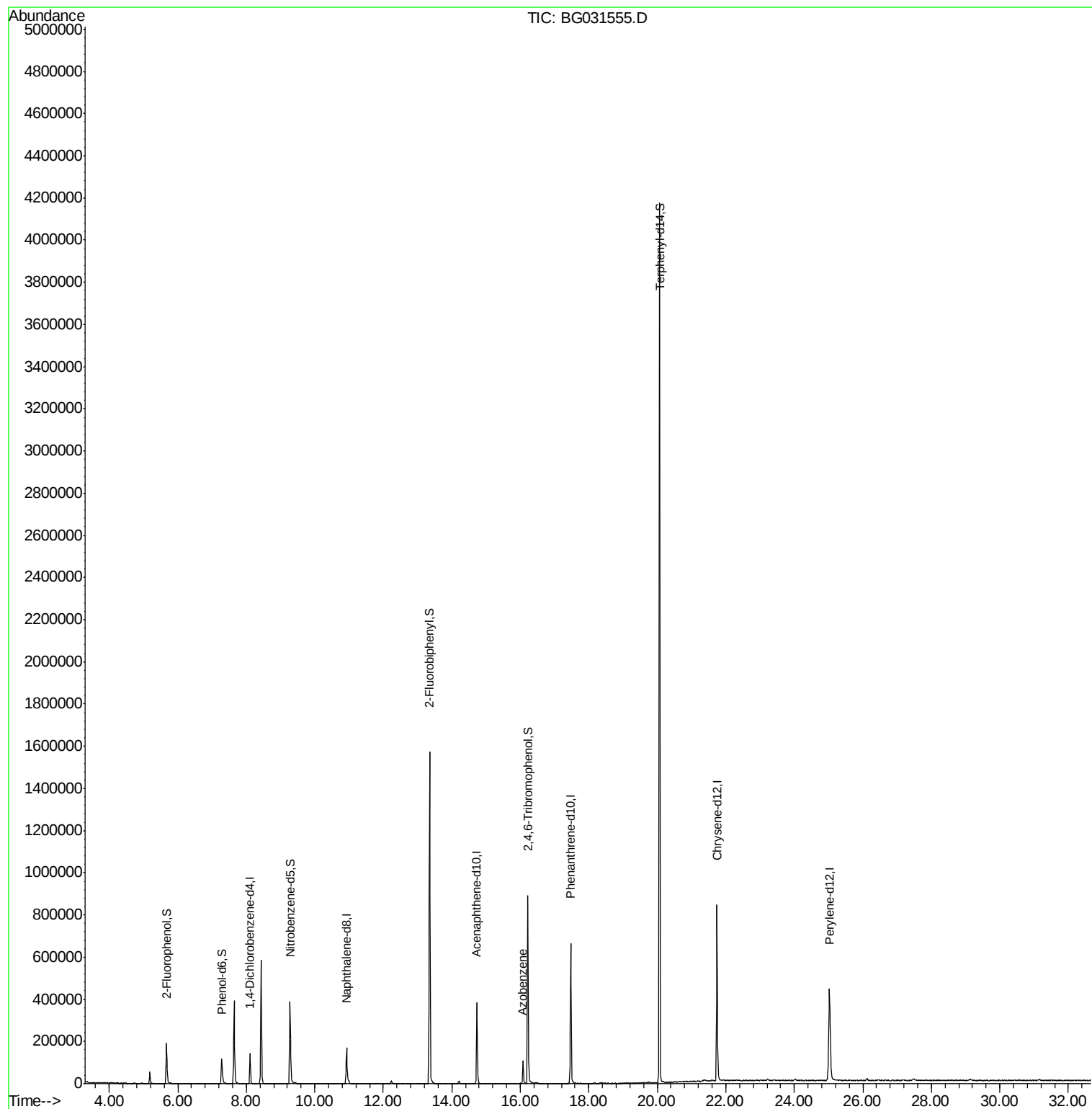
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48051	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	200826	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153079	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	472435	20.00	ng	0.00
75) Chrysene-d12	21.74	240	566174	20.00	ng	0.00
86) Perylene-d12	25.03	264	544167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	113515	41.87	ng	0.00
7) Phenol-d6	7.28	99	92431	24.56	ng	0.01
23) Nitrobenzene-d5	9.28	82	287179	88.14	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	193913	108.13	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	949854	91.08	ng	0.00
78) Terphenyl-d14	20.07	244	1910703	76.78	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	35474	3.371	ng	Qvalue # 1

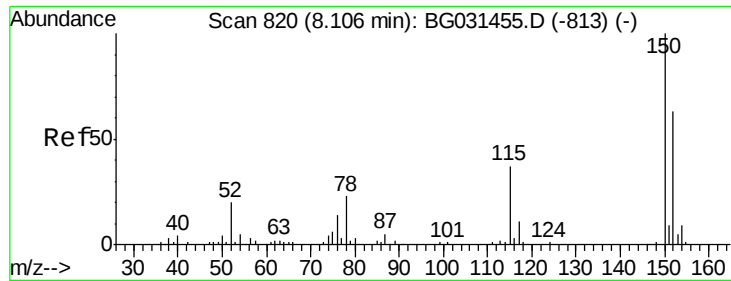
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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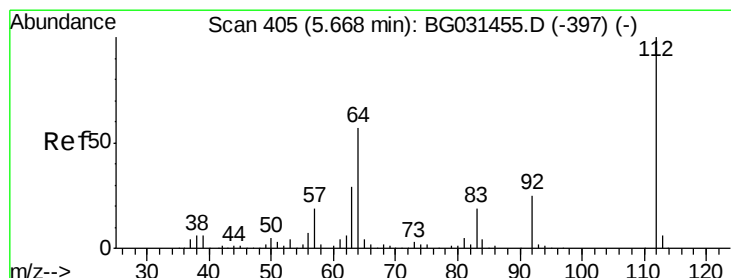
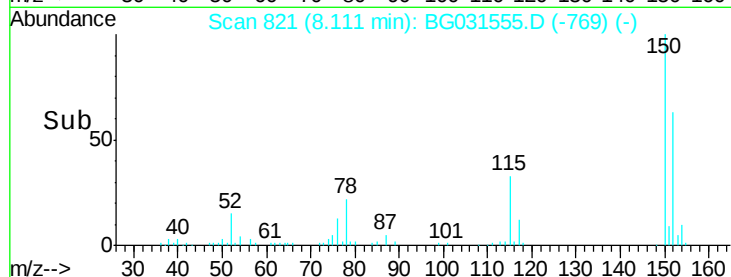
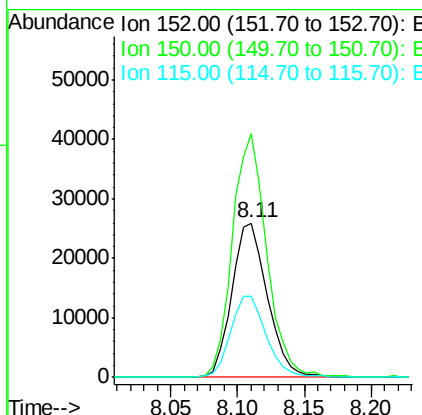
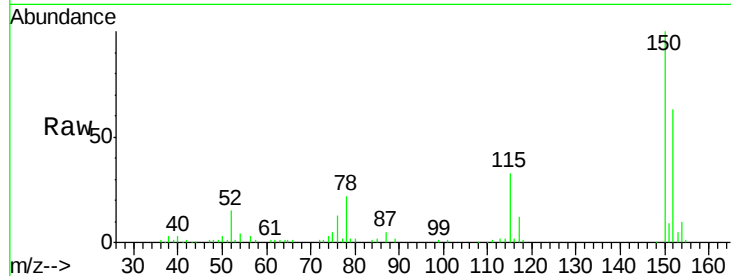


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampled :

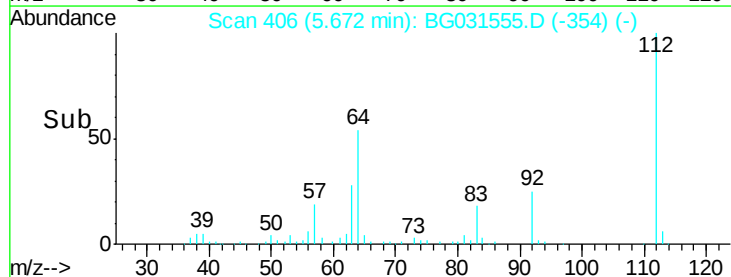
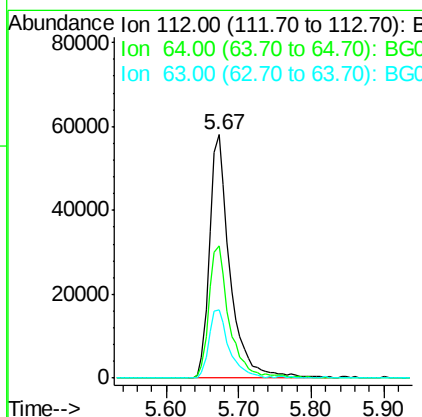
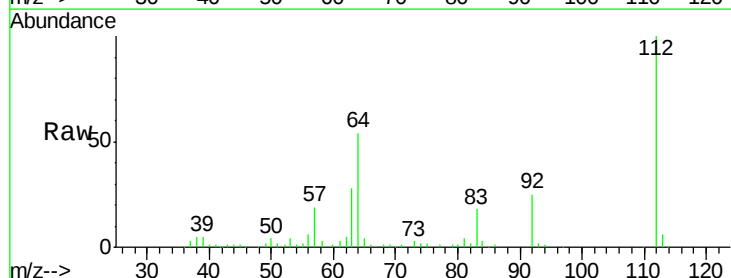
Tgt Ion:152 Resp: 48051
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 52.9 53.0 79.4#

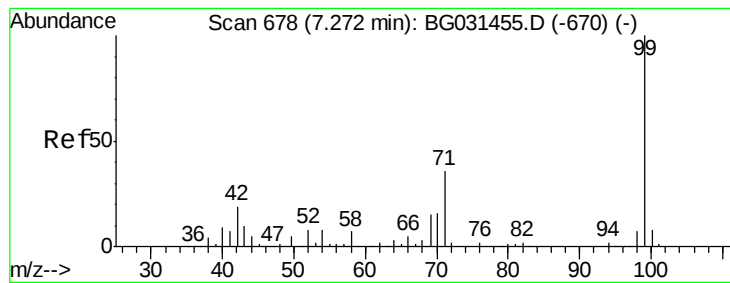


#5

2-Fluorophenol
Concen: 41.874 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:112 Resp: 113515
Ion Ratio Lower Upper
112 100
64 54.2 56.3 84.5#
63 27.8 30.1 45.1#





#7

Phenol-d6

Concen: 24.561 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031555.D

Acq: 14 Dec 2017 8:15

Instrument :

BNA_G

ClientSampleId :

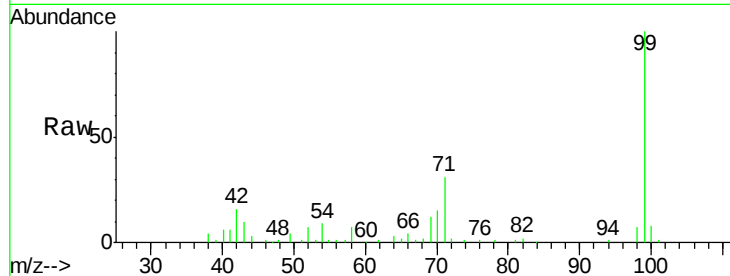
Tgt Ion: 99 Resp: 92431

Ion Ratio Lower Upper

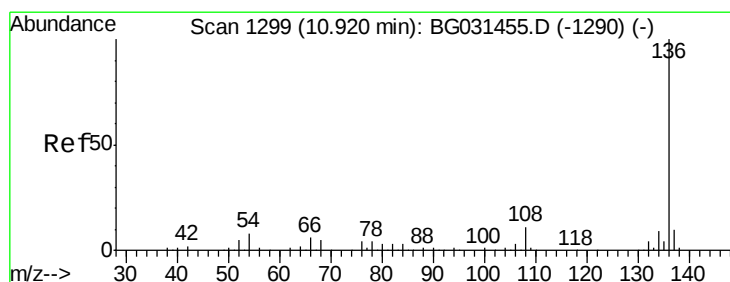
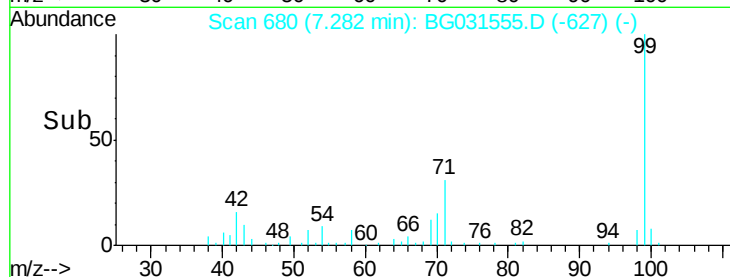
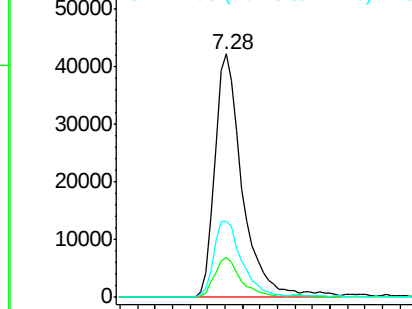
99 100

42 16.3 14.1 21.1

71 31.3 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: 10.92 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031555.D

Acq: 14 Dec 2017 8:15

Tgt Ion: 136 Resp: 200826

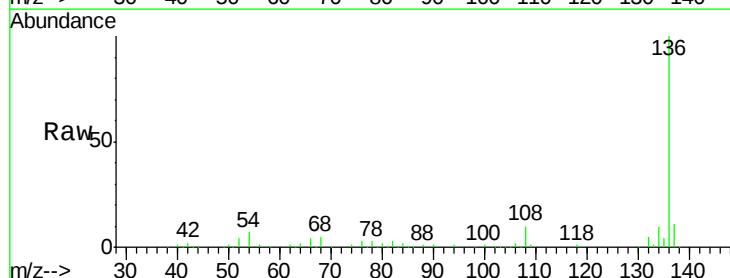
Ion Ratio Lower Upper

136 100

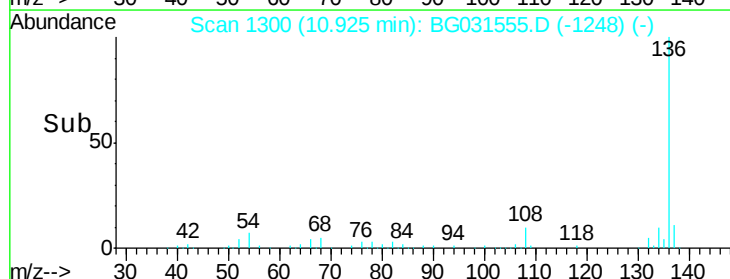
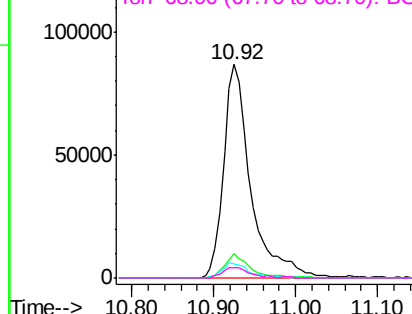
137 11.2 9.2 13.8

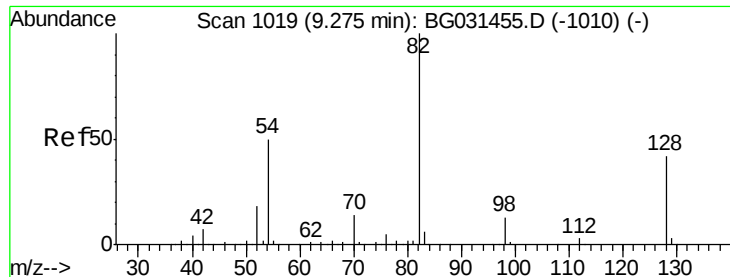
54 6.9 10.3 15.5#

68 5.0 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

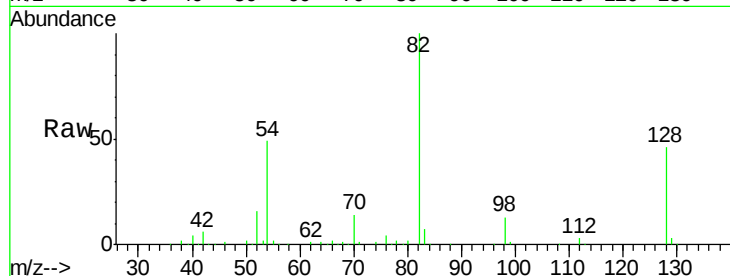




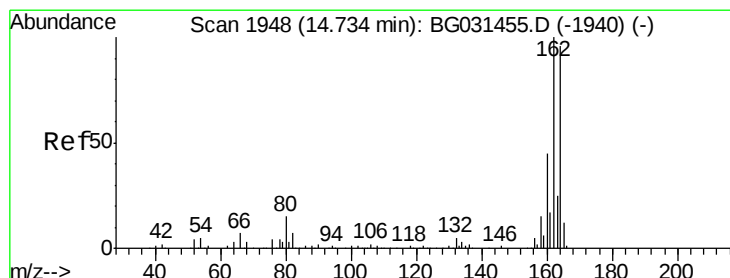
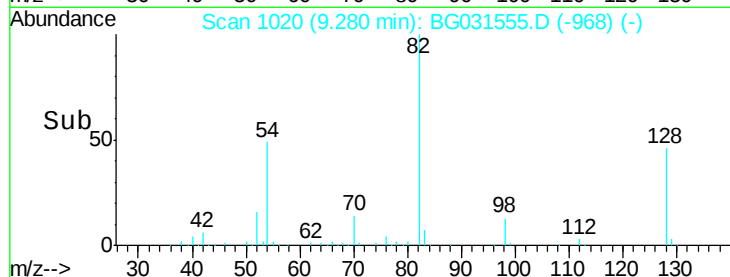
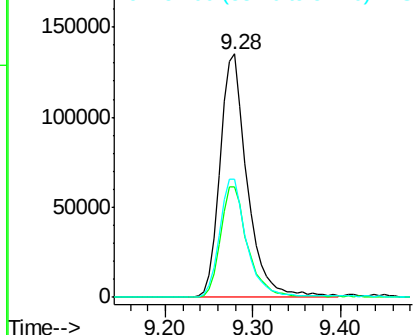
#23
 Nitrobenzene-d5
 Concen: 88.140 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG031555.D
 Acq: 14 Dec 2017 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion: 82 Resp: 287179
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 48.5 43.1 64.7

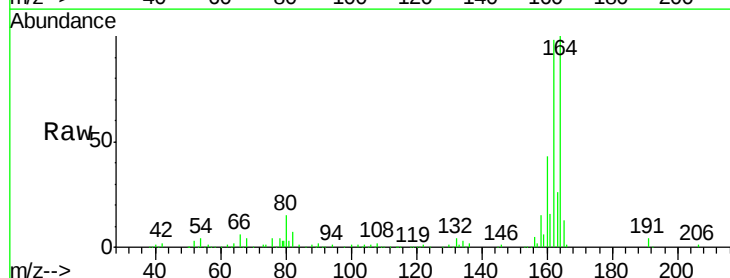


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

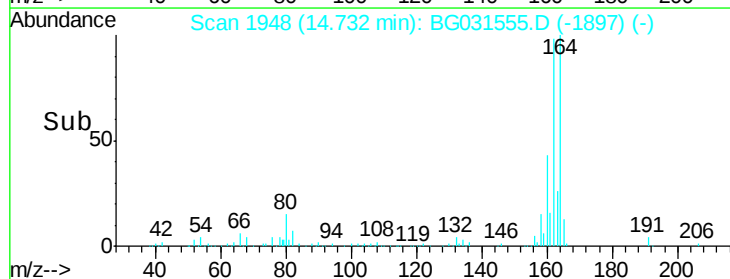
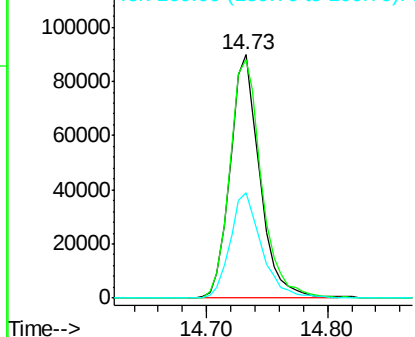


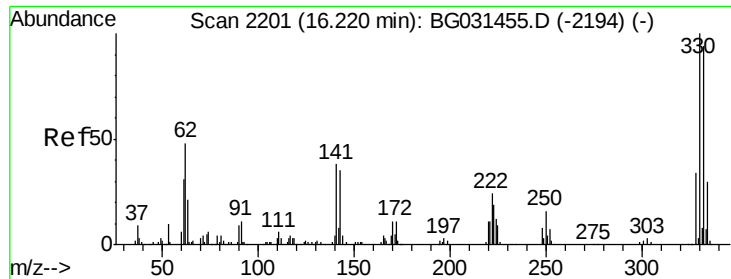
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031555.D
 Acq: 14 Dec 2017 8:15

Tgt Ion: 164 Resp: 153079
 Ion Ratio Lower Upper
 164 100
 162 98.0 78.8 118.2
 160 43.5 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

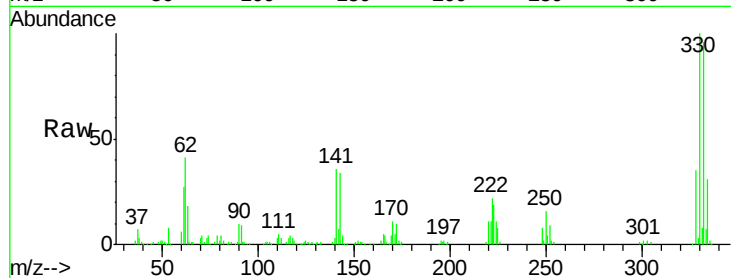




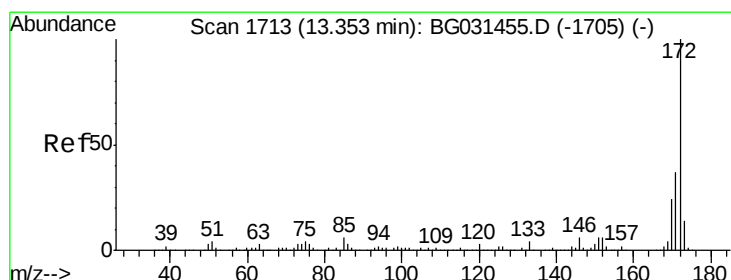
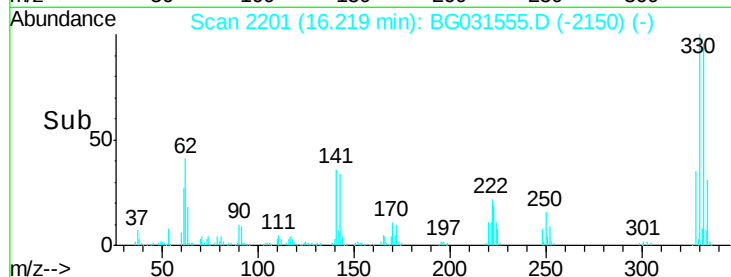
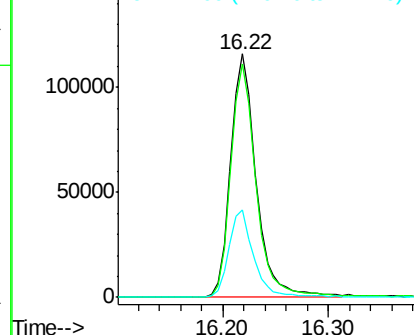
#41
 2,4,6-Tribromophenol
 Concen: 108.127 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031555.D
 Acq: 14 Dec 2017 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	25.2	37.8

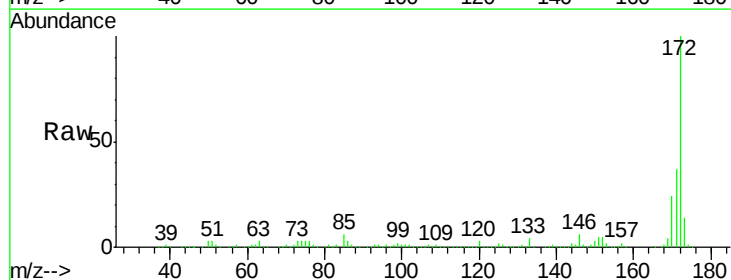


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

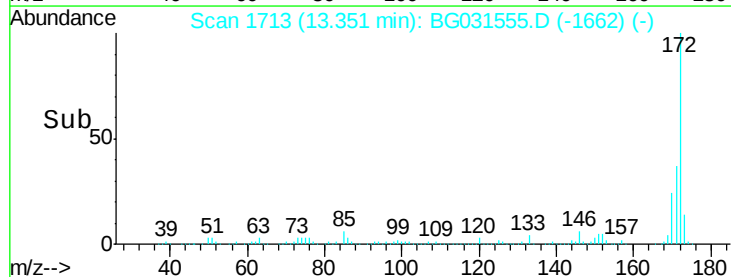
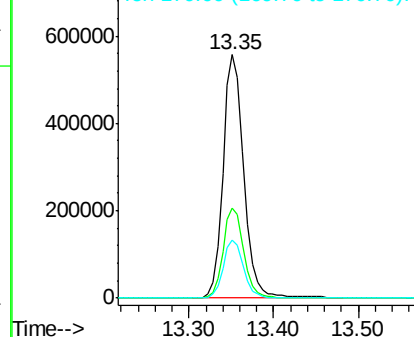


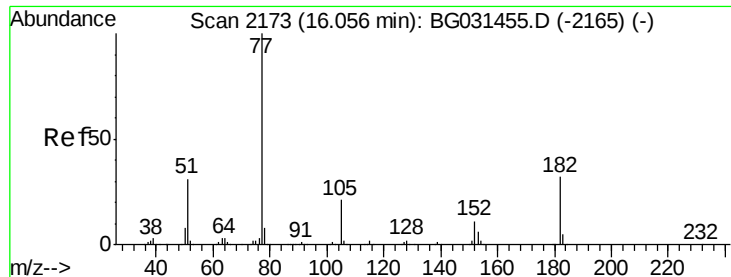
#44
 2-Fluorobiphenyl
 Concen: 91.081 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031555.D
 Acq: 14 Dec 2017 8:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.0	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





#62

Azobenzene

Concen: 3.371 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

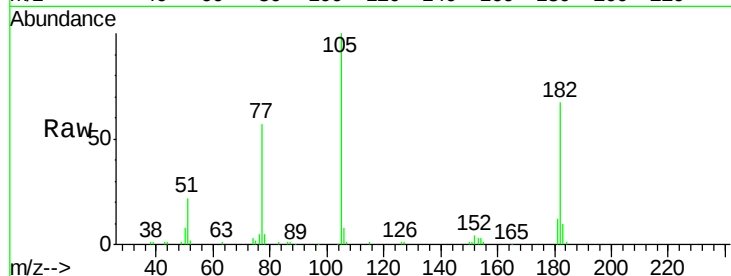
Lab File: BG031555.D

Acq: 14 Dec 2017 8:15

Instrument :

BNA_G

ClientSampleId :



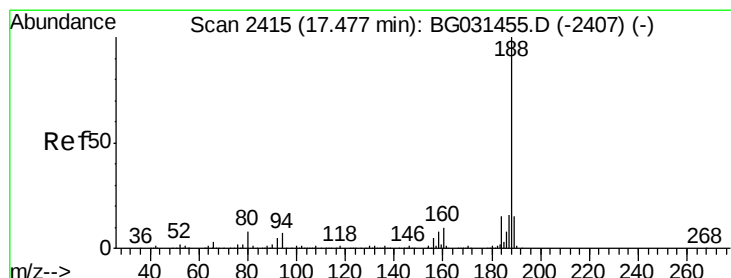
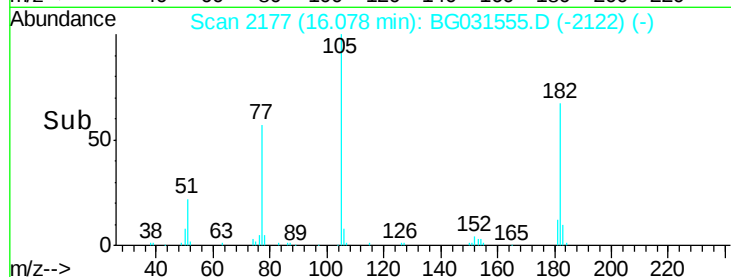
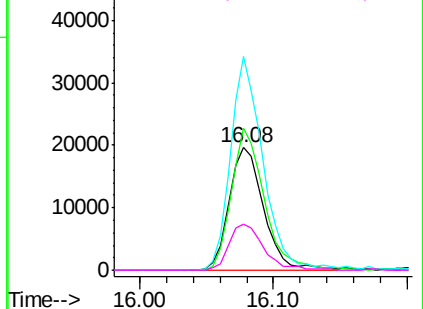
Tgt Ion:	77	Resp:	35474
Ion	Ratio	Lower	Upper
77	100		
182	115.8	7.4	47.4#
105	174.0	0.3	40.3#
51	37.5	11.6	51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031555.D

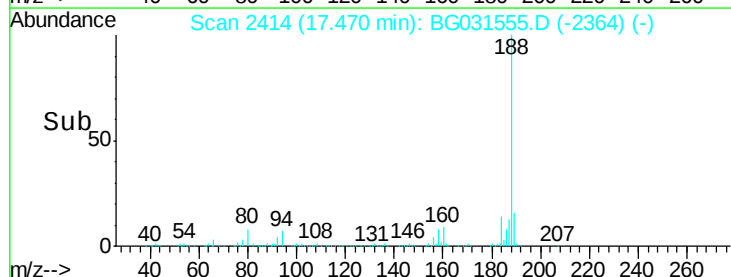
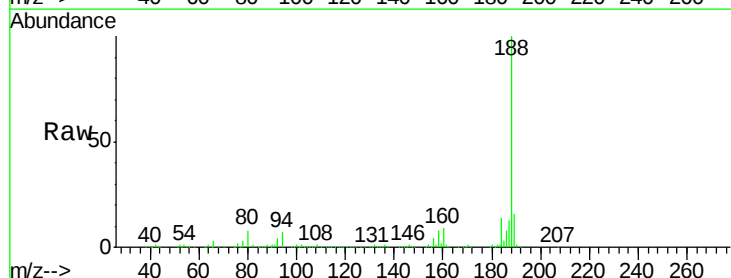
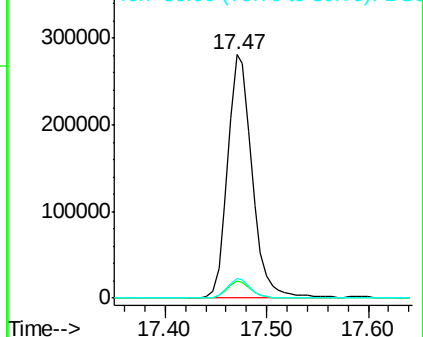
Acq: 14 Dec 2017 8:15

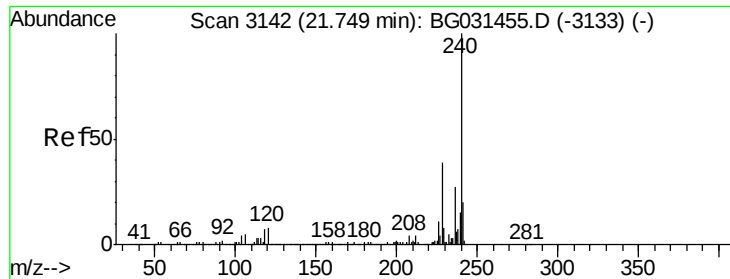
Tgt Ion:	188	Resp:	472435
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.8	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG031555.D

Acq: 14 Dec 2017 8:15

Instrument :

BNA_G

ClientSampleId :

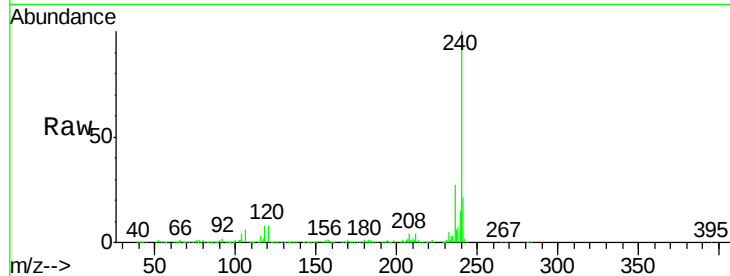
Tgt Ion:240 Resp: 566174

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

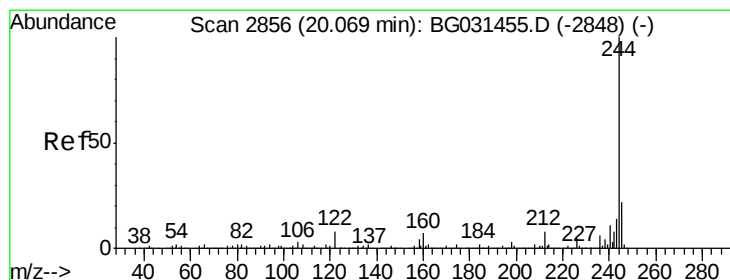
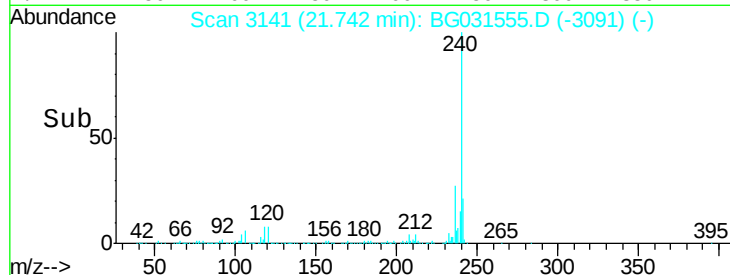
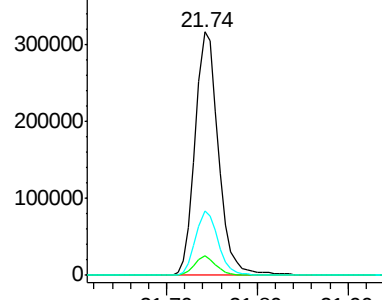
236 26.5 20.9 31.3



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: 76.781 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031555.D

Acq: 14 Dec 2017 8:15

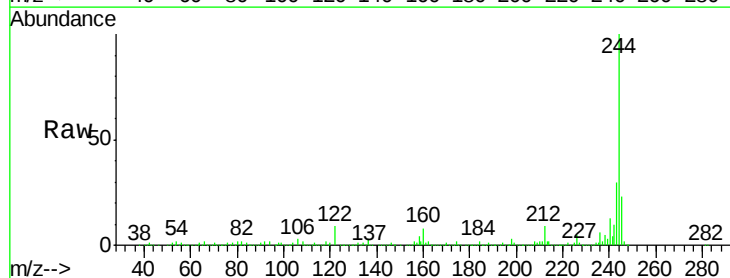
Tgt Ion:244 Resp: 1910703

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

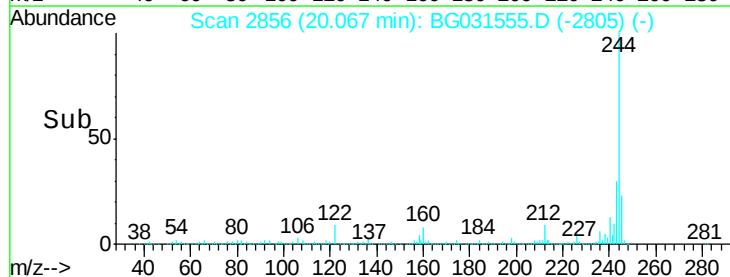
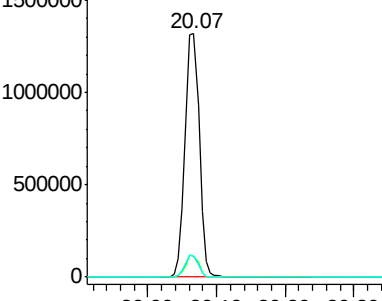
122 8.8 7.0 10.4

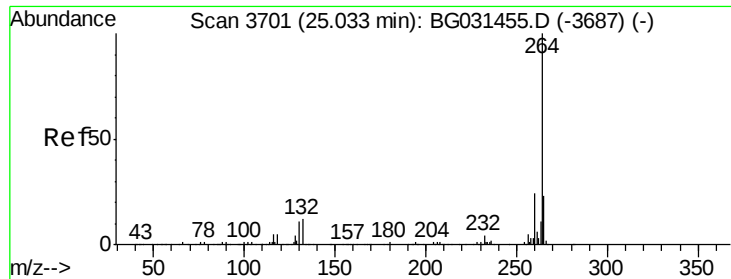


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

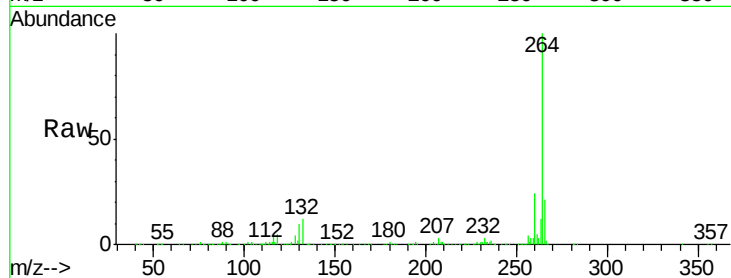




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

