

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121317\
 Data File : BG031554.D
 Acq On : 14 Dec 2017 7:37
 Operator : SJ/JU
 Sample : I6817-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 09:49:21 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

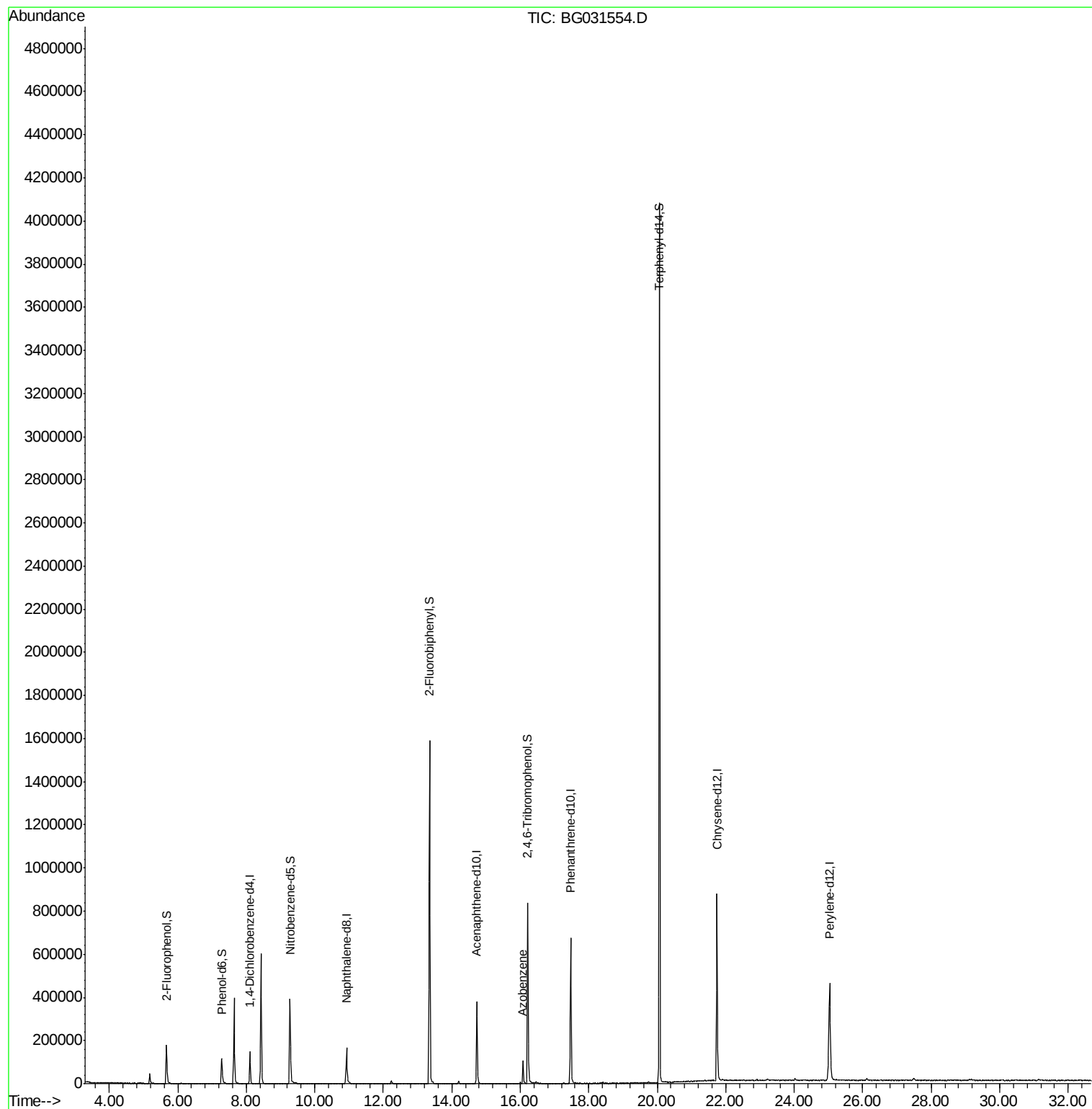
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46671	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	203374	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	156382	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	478241	20.00	ng	0.00
75) Chrysene-d12	21.74	240	572124	20.00	ng	0.00
86) Perylene-d12	25.03	264	548483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	105792	40.18	ng	0.00
7) Phenol-d6	7.28	99	91168	24.94	ng	0.00
23) Nitrobenzene-d5	9.28	82	287072	87.00	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	189661	103.52	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	948642	89.04	ng	0.00
78) Terphenyl-d14	20.06	244	1893723	75.31	ng	0.00
Target Compounds						
62) Azobenzene	16.07	77	33808	3.145	ng	Qvalue # 1

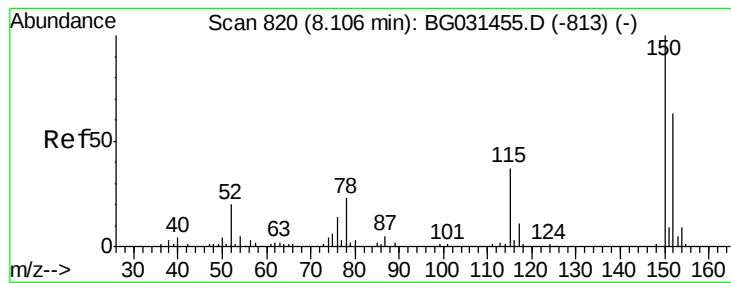
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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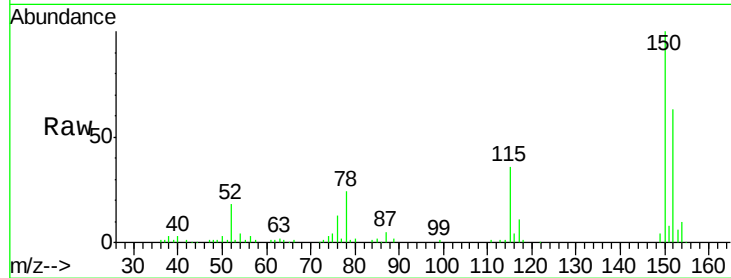


#1

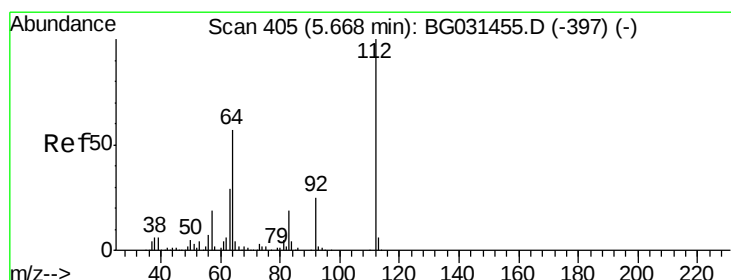
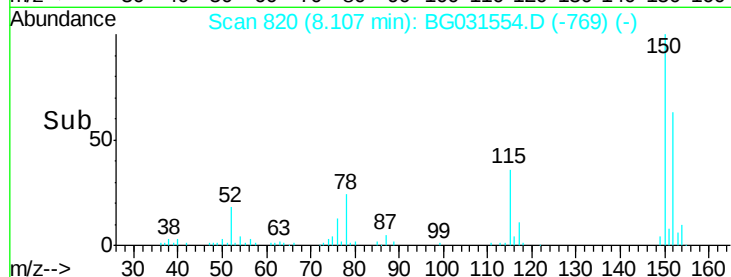
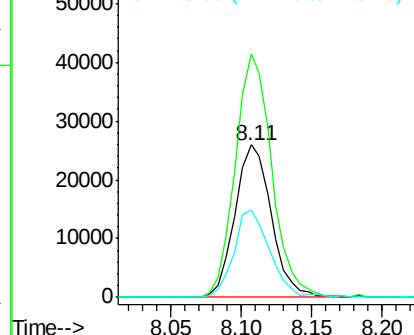
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031554.D
Acq: 14 Dec 2017 7:37

Instrument :
BNA_G
ClientSampled :

Tgt Ion:152 Resp: 46671
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 57.6 53.0 79.4



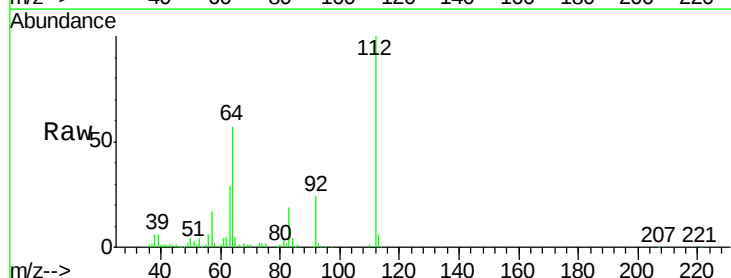
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



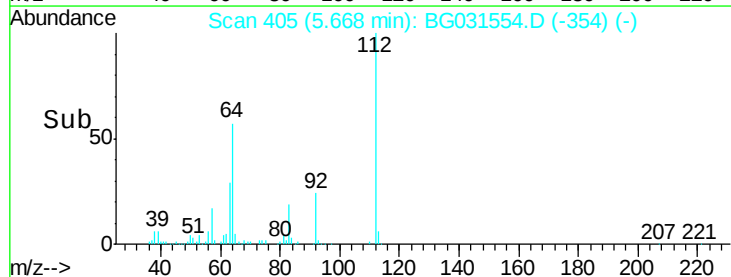
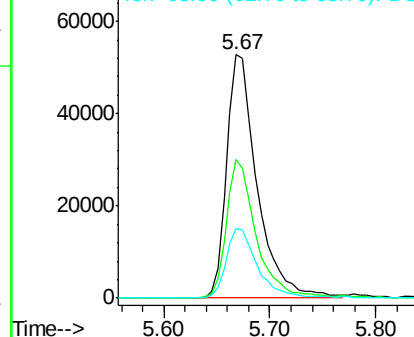
#5

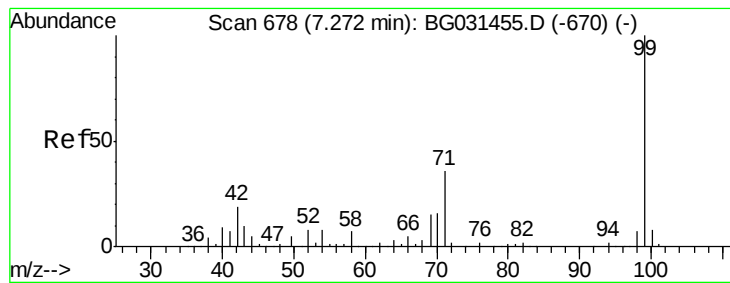
2-Fluorophenol
Concen: 40.179 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031554.D
Acq: 14 Dec 2017 7:37

Tgt Ion:112 Resp: 105792
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 28.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.942 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031554.D

Acq: 14 Dec 2017 7:37

Instrument :

BNA_G

ClientSampled :

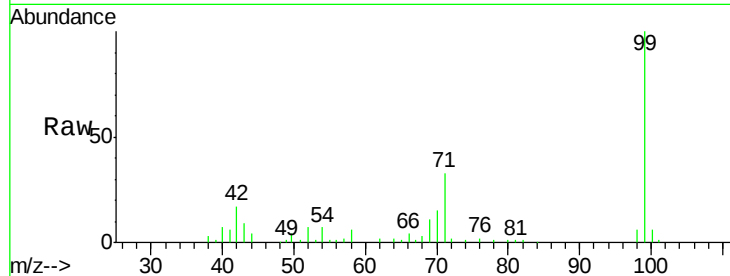
Tgt Ion: 99 Resp: 91168

Ion Ratio Lower Upper

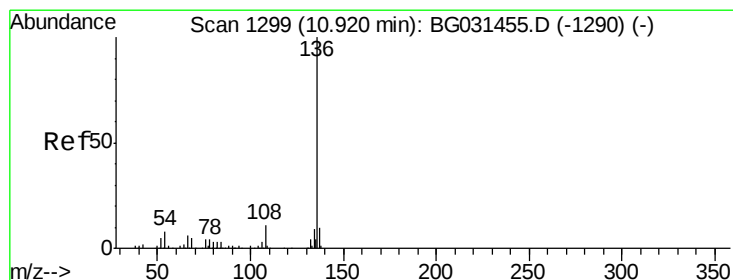
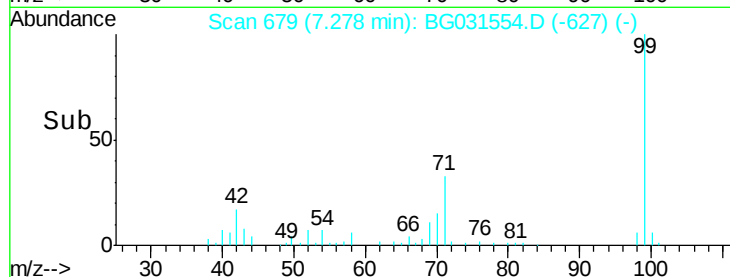
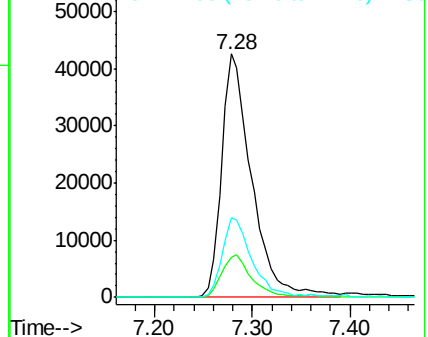
99 100

42 16.7 14.1 21.1

71 32.6 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: BG031554.D

Acq: 14 Dec 2017 7:37

Tgt Ion: 136 Resp: 203374

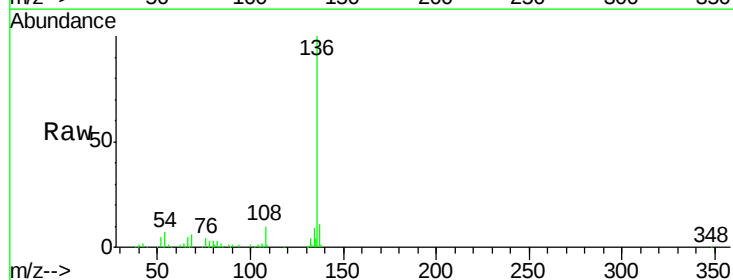
Ion Ratio Lower Upper

136 100

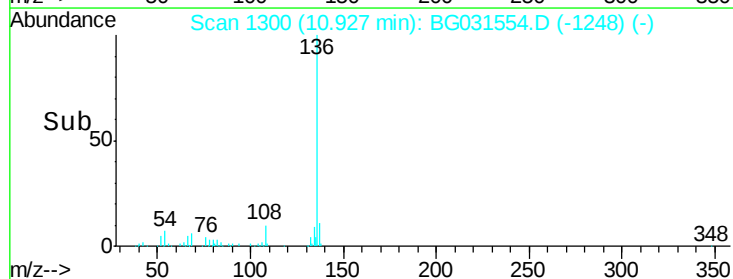
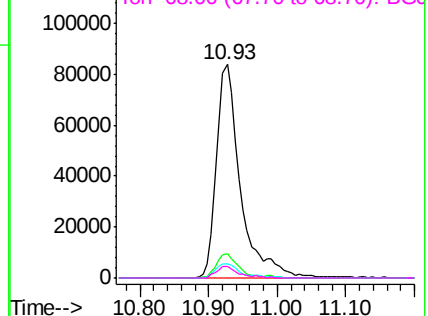
137 11.3 9.2 13.8

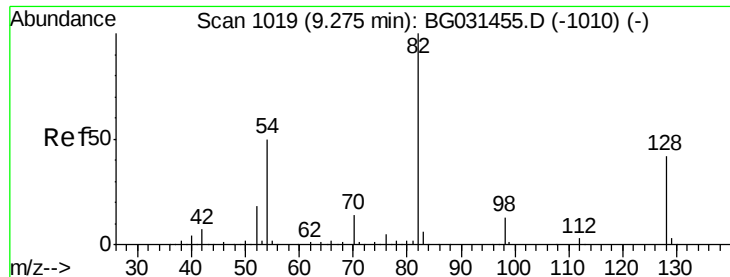
54 6.8 10.3 15.5#

68 5.5 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

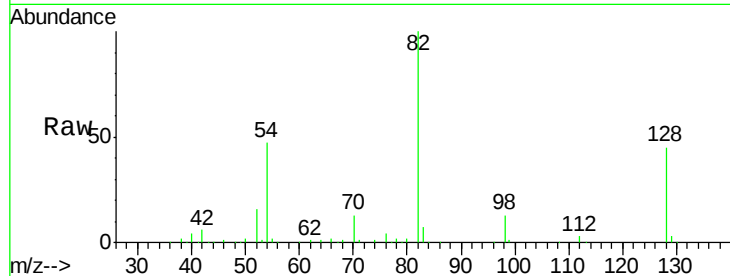




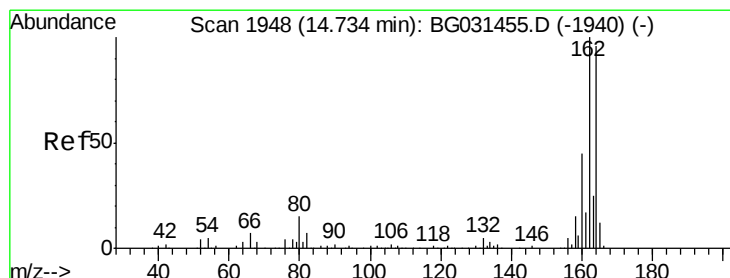
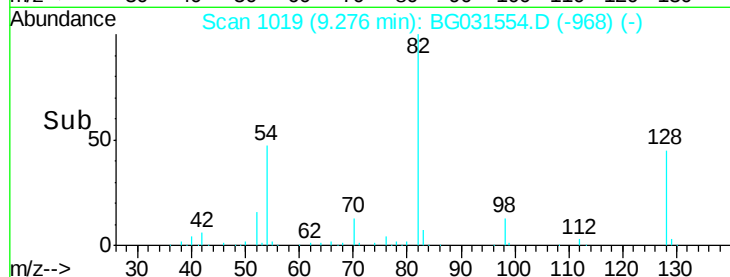
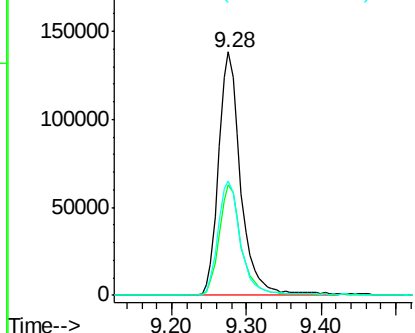
#23
 Nitrobenzene-d5
 Concen: 87.003 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031554.D
 Acq: 14 Dec 2017 7:37

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion: 82 Resp: 287072
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 46.8 43.1 64.7

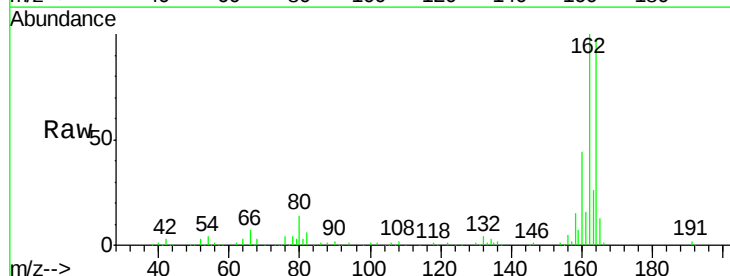


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

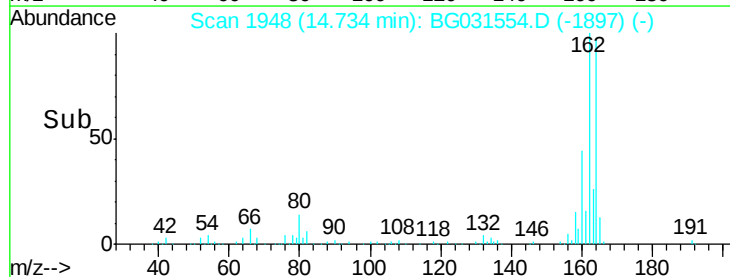
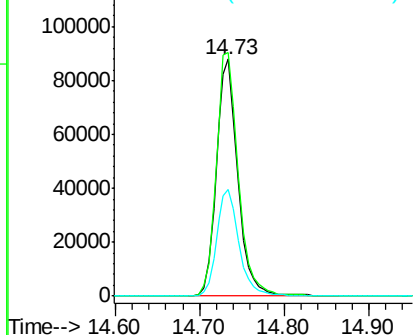


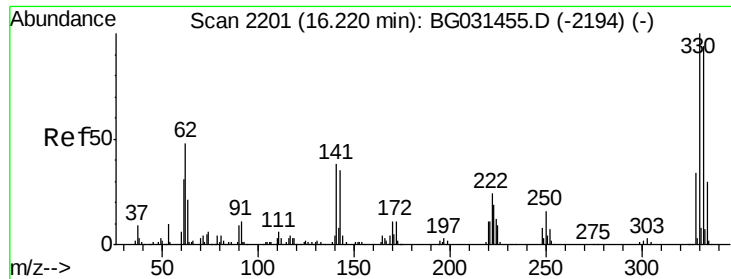
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG031554.D
 Acq: 14 Dec 2017 7:37

Tgt Ion: 164 Resp: 156382
 Ion Ratio Lower Upper
 164 100
 162 102.7 78.8 118.2
 160 44.7 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

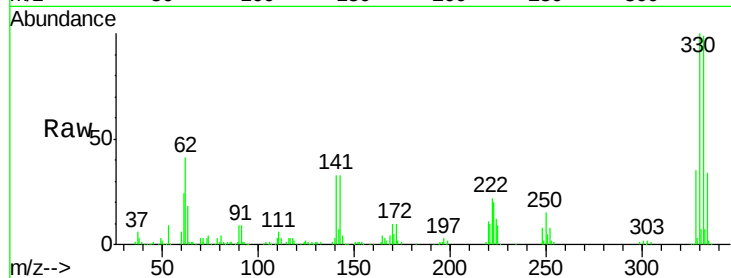




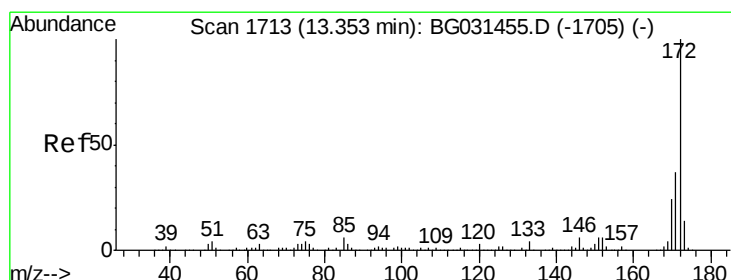
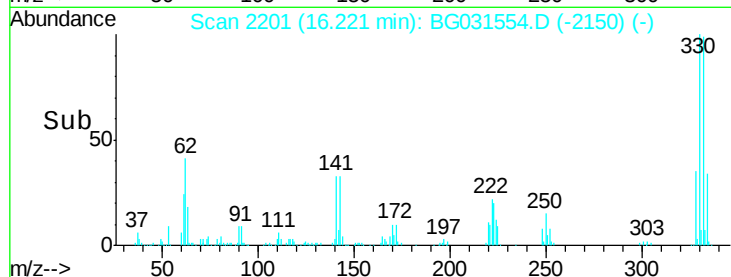
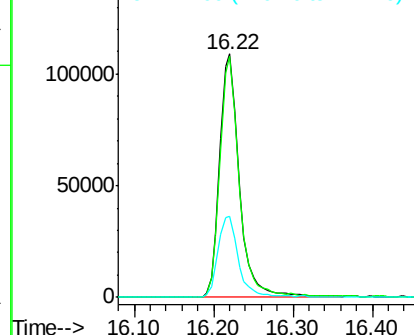
#41
 2,4,6-Tribromophenol
 Concen: 103.522 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031554.D
 Acq: 14 Dec 2017 7:37

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:330 Resp: 189661
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.2 25.2 37.8

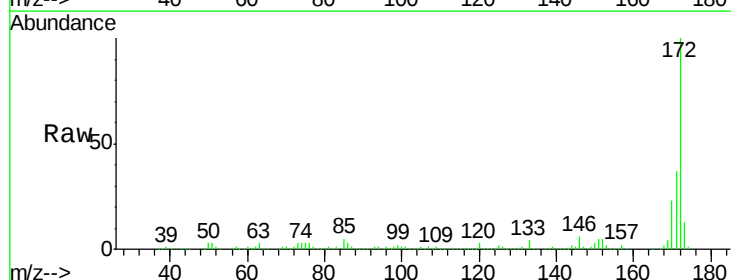


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

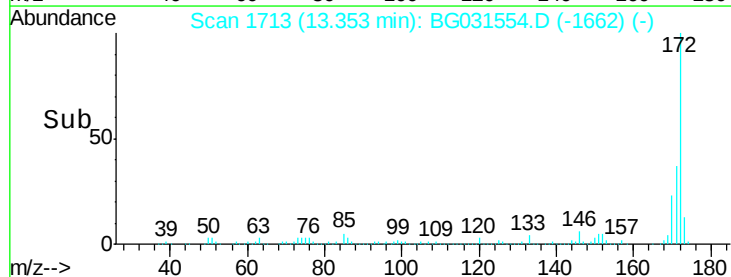
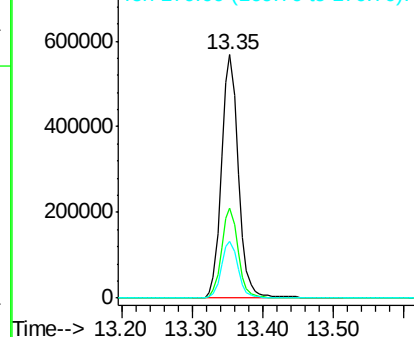


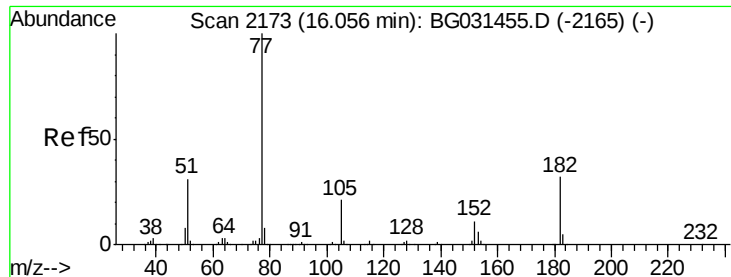
#44
 2-Fluorobiphenyl
 Concen: 89.044 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031554.D
 Acq: 14 Dec 2017 7:37

Tgt Ion:172 Resp: 948642
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.5 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: 3.145 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.02 min

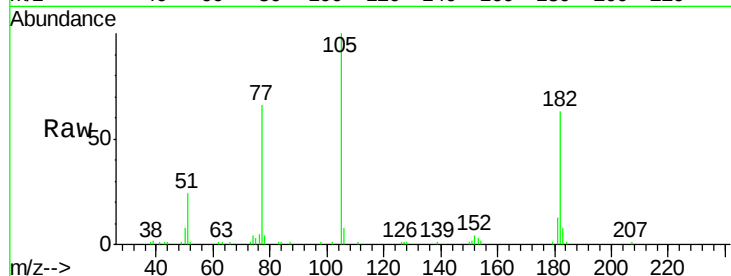
Lab File: BG031554.D

Acq: 14 Dec 2017 7:37

Instrument :

BNA_G

ClientSampled :



Tgt Ion: 77 Resp: 33808

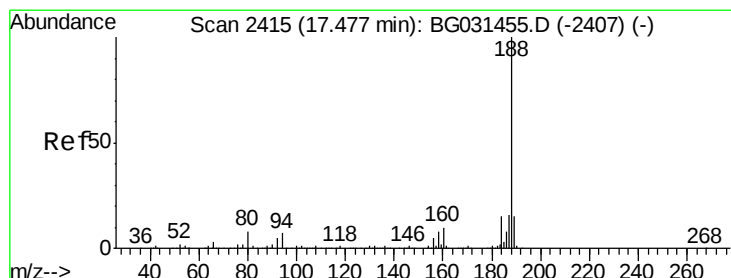
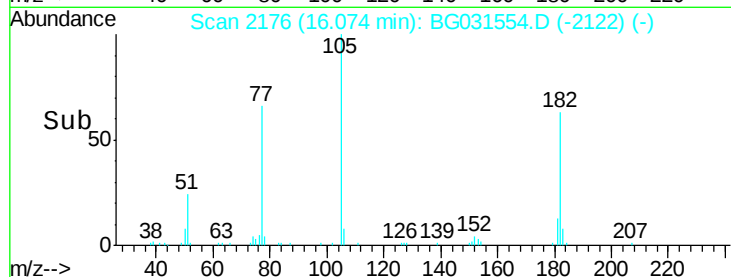
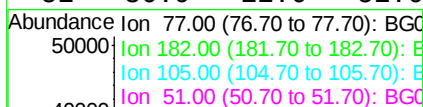
Ion Ratio Lower Upper

77 100

182 95.1 7.4 47.4#

105 151.8 0.3 40.3#

51 36.9 11.6 51.6



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031554.D

Acq: 14 Dec 2017 7:37

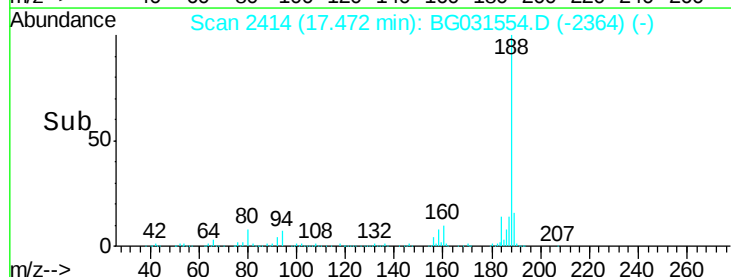
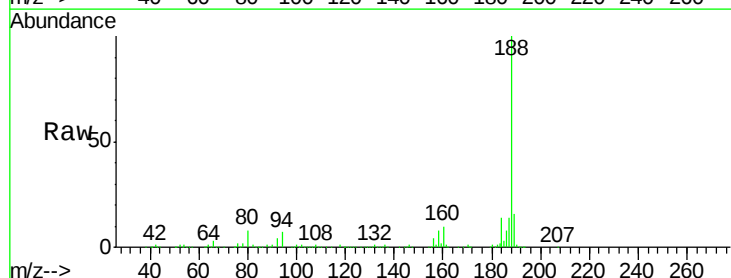
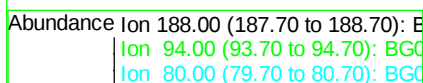
Tgt Ion: 188 Resp: 478241

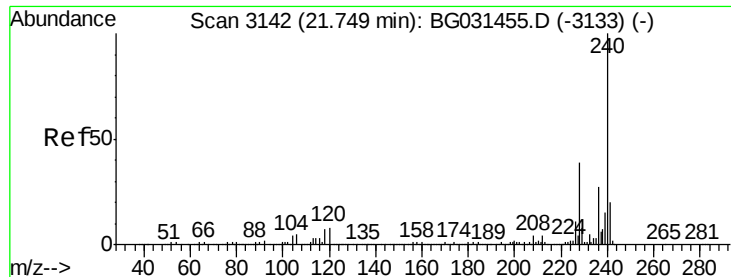
Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031554.D

Acq: 14 Dec 2017 7:37

Instrument :

BNA_G

ClientSampleId :

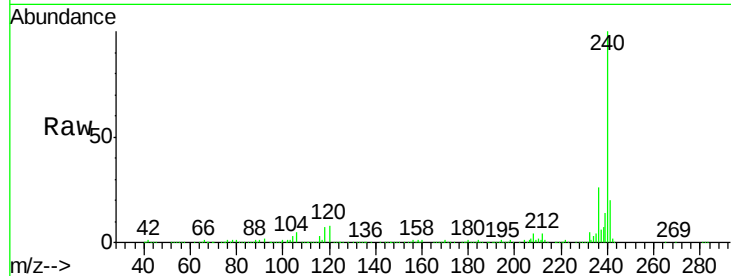
Tgt Ion:240 Resp: 572124

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

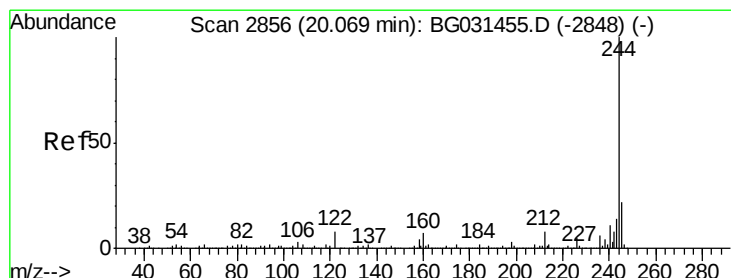
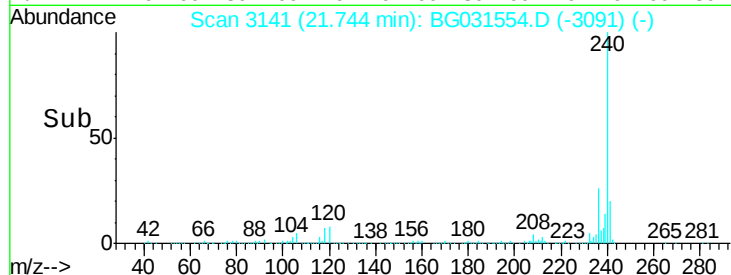
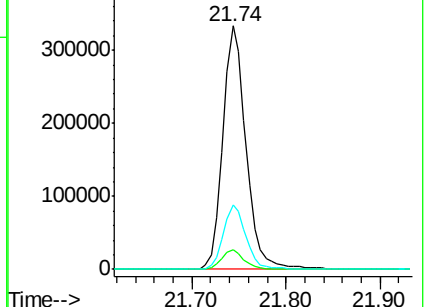
236 26.3 20.9 31.3



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: 75.308 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031554.D

Acq: 14 Dec 2017 7:37

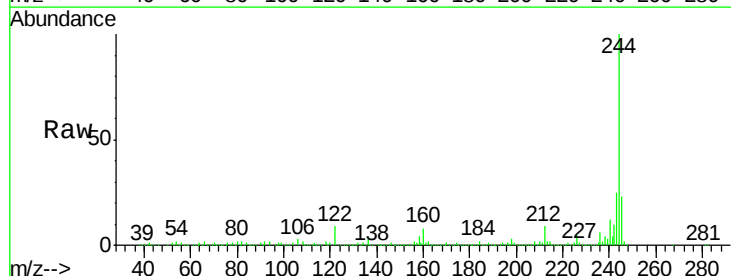
Tgt Ion:244 Resp: 1893723

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

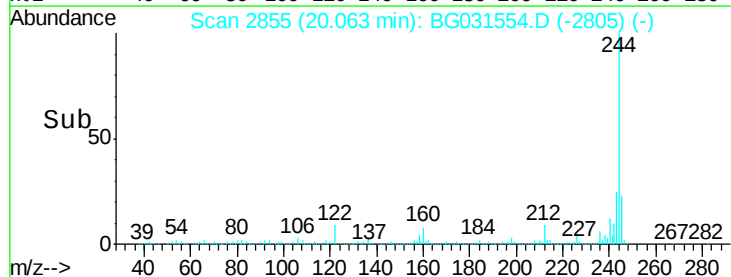
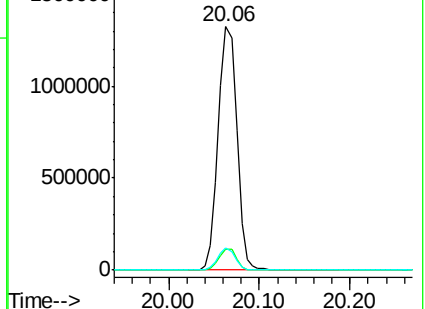
122 9.0 7.0 10.4

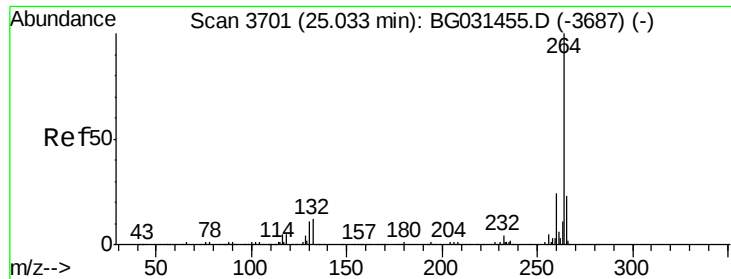


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031554.D
Acq: 14 Dec 2017 7:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.4	17.7	26.5

