

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031570.D
 Acq On : 14 Dec 2017 22:18
 Operator : SJ/JU
 Sample : I6884-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:16:52 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

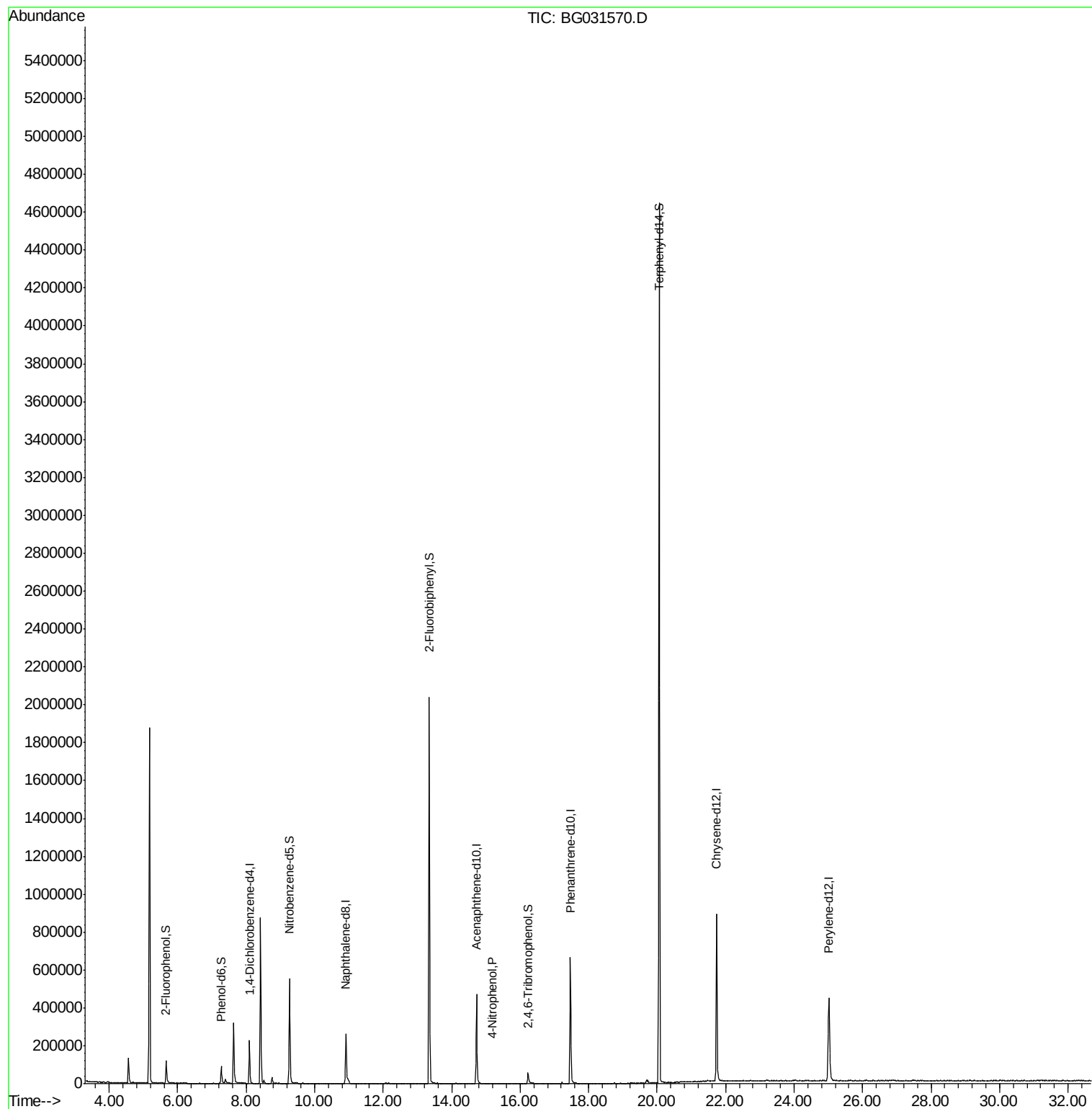
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	71334	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	290194	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	184712	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	488846	20.00	ng	0.00
75) Chrysene-d12	21.73	240	616090	20.00	ng	-0.01
86) Perylene-d12	25.01	264	544907	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	69961	17.38	ng	0.00
7) Phenol-d6	7.27	99	68808	12.32	ng	0.00
23) Nitrobenzene-d5	9.27	82	379515	80.61	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	18368	8.49	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1169659	92.95	ng	0.00
78) Terphenyl-d14	20.06	244	2268883	83.79	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.17	139	59	3.567	ng	Qvalue # 1

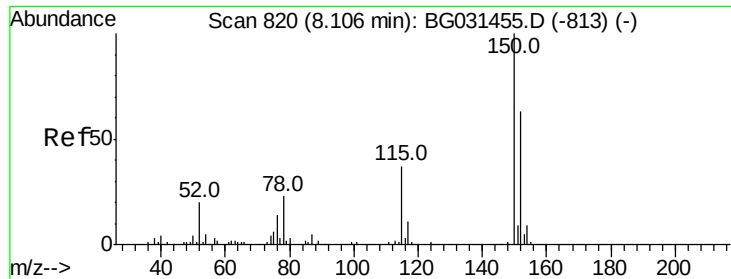
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



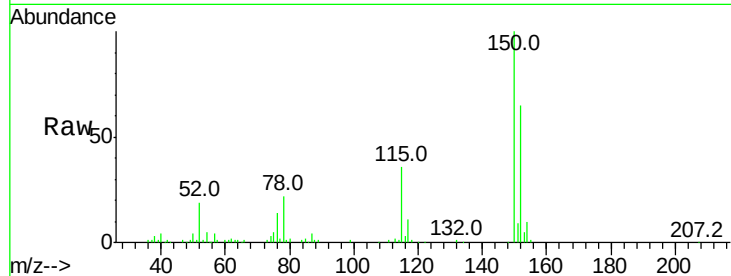


#1

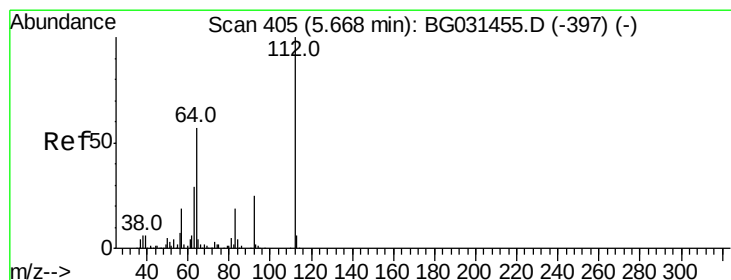
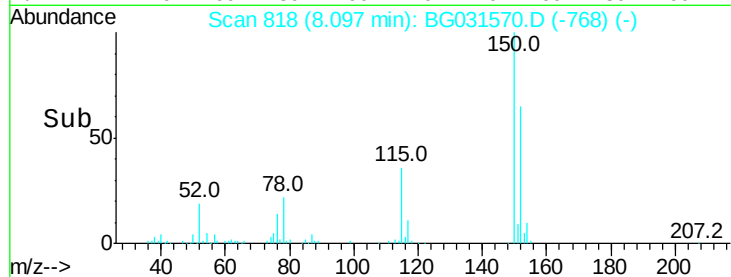
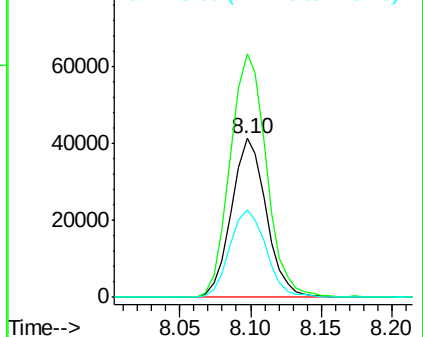
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71334
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 55.1 53.0 79.4



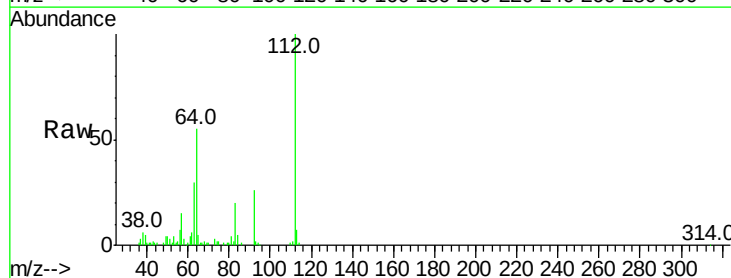
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



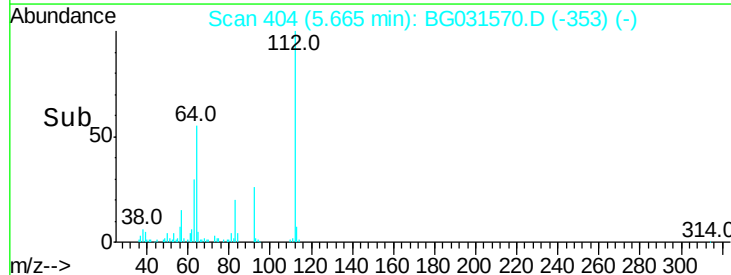
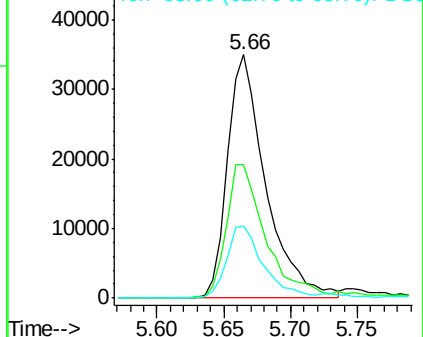
#5

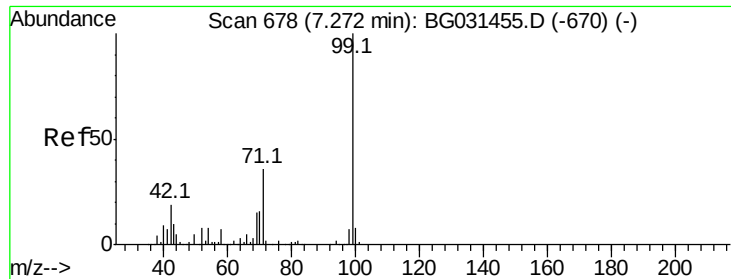
2-Fluorophenol
Concen: 17.384 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Tgt Ion:112 Resp: 69961
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 29.8 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: 12.316 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031570.D

Acq: 14 Dec 2017 22:18

Instrument :

BNA_G

ClientSampleId :

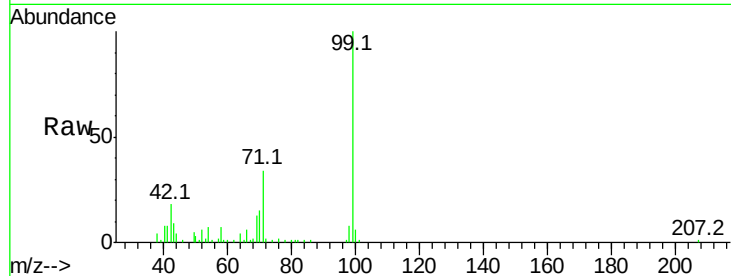
Tot Ion: 99 Resp: 68808

Ion Ratio Lower Upper

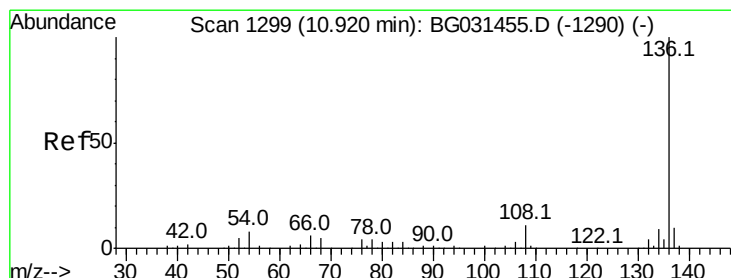
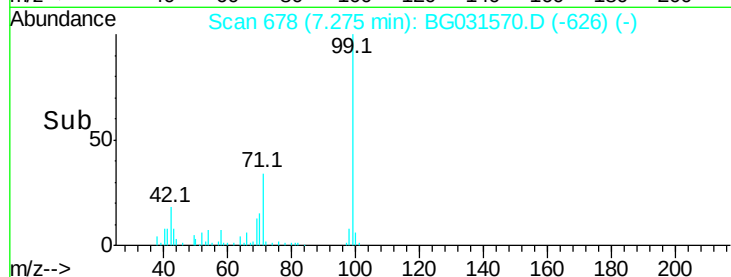
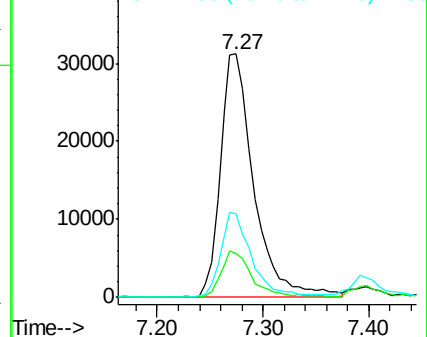
99 100

42 17.8 14.1 21.1

71 34.2 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# 1298

Delta R.T. -0.00 min

Lab File: BG031570.D

Acq: 14 Dec 2017 22:18

Tgt Ion: 136 Resp: 290194

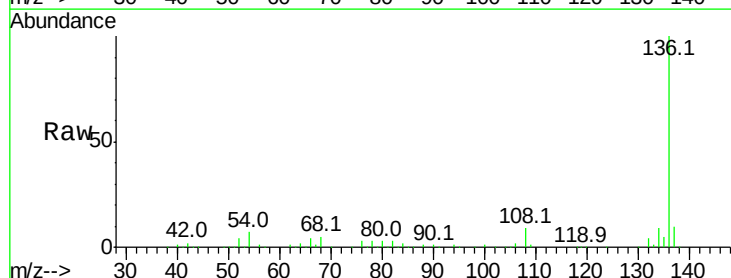
Ion Ratio Lower Upper

136 100

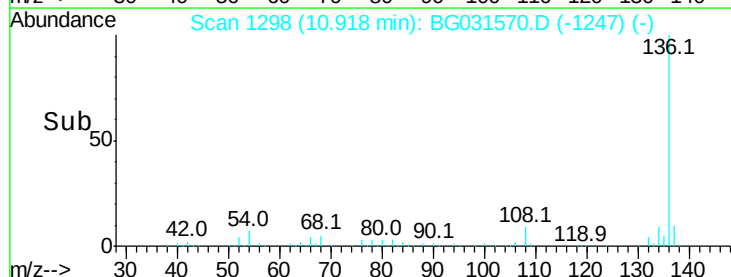
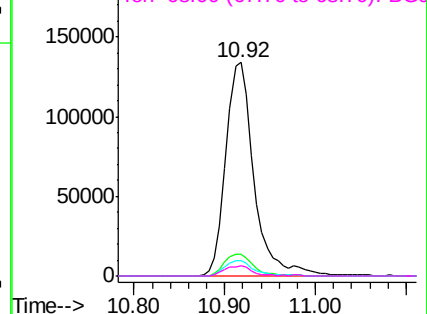
137 9.9 9.2 13.8

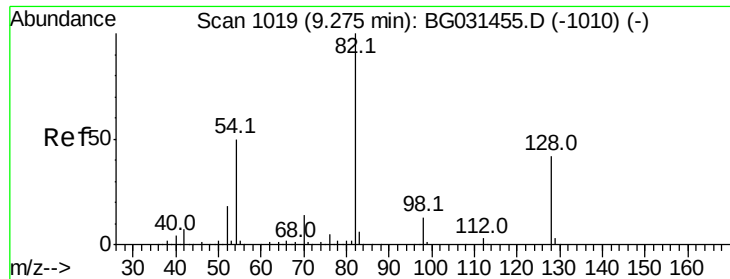
54 7.3 10.3 15.5#

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

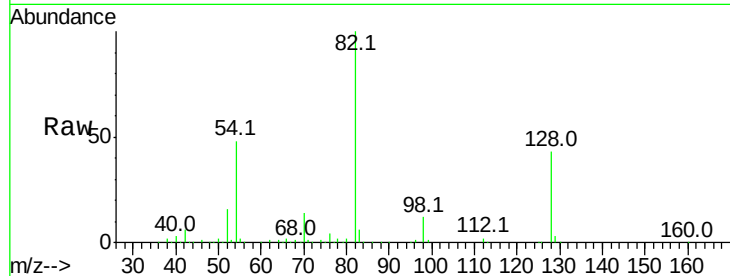




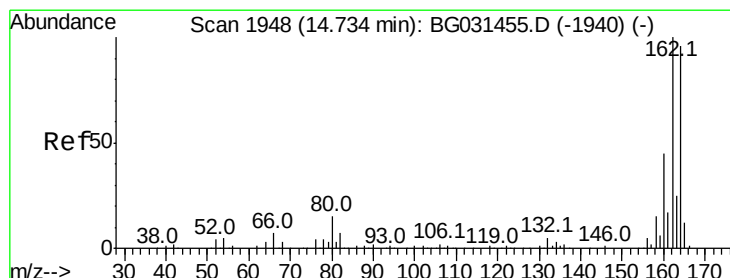
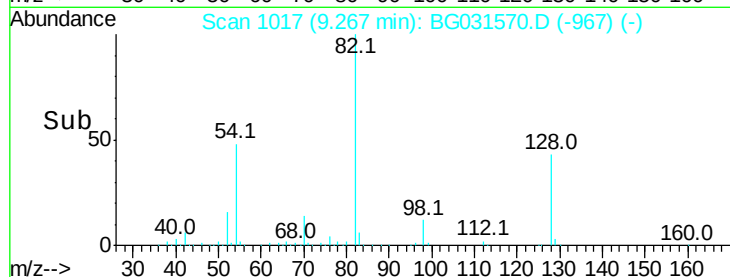
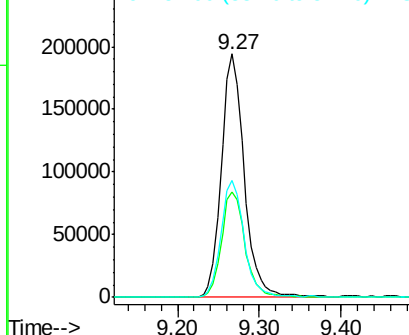
#23
Nitrobenzene-d5
Concen: 80.608 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	379515
Ion Ratio	100	Lower	Upper
128	43.5	29.7	44.5
54	47.9	43.1	64.7

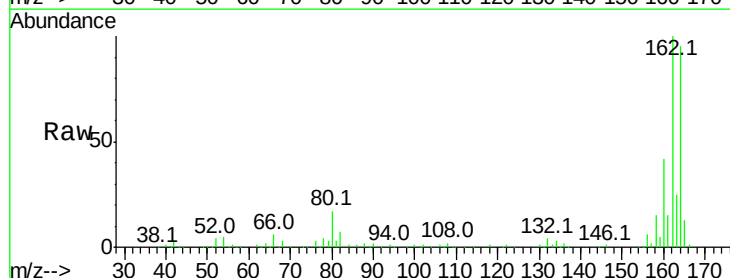


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

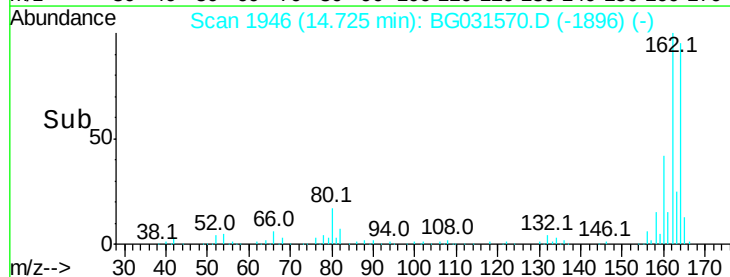
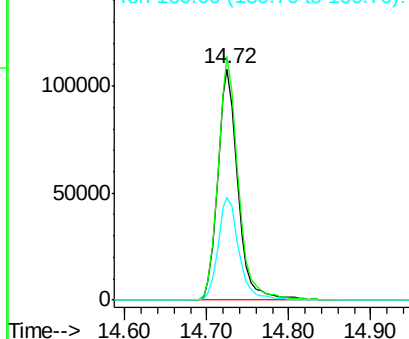


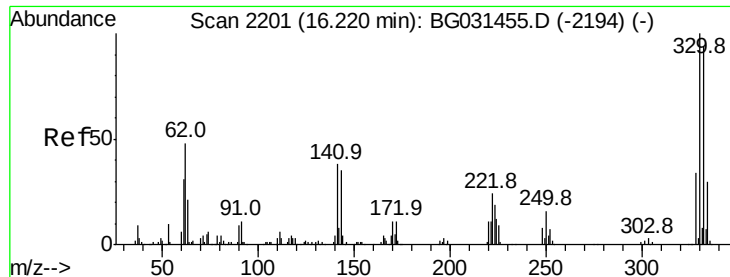
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Tgt Ion	164	Resp	184712
Ion Ratio	100	Lower	Upper
162	105.3	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

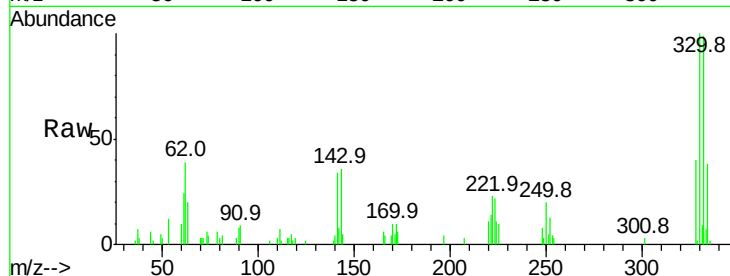




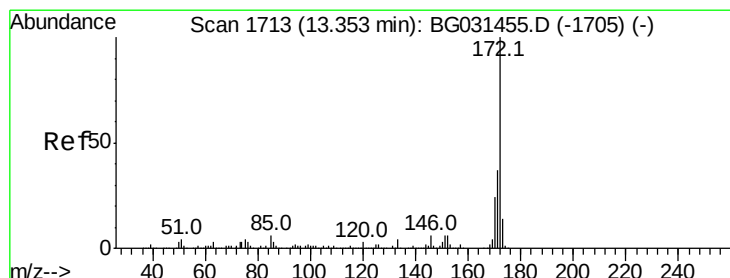
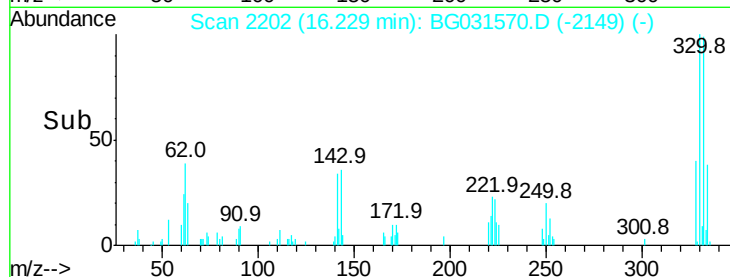
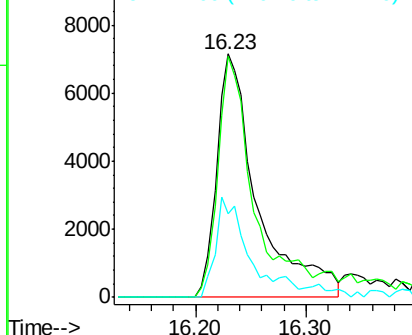
#41
 2,4,6-Tribromophenol
 Concen: 8.488 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG031570.D
 Acq: 14 Dec 2017 22:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 18368
 Ion Ratio Lower Upper
 330 100
 332 86.9 77.0 115.6
 141 30.0 25.2 37.8

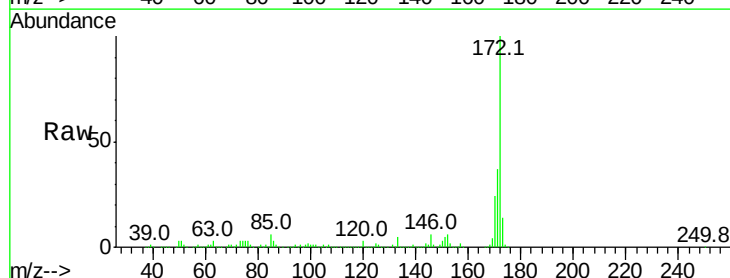


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

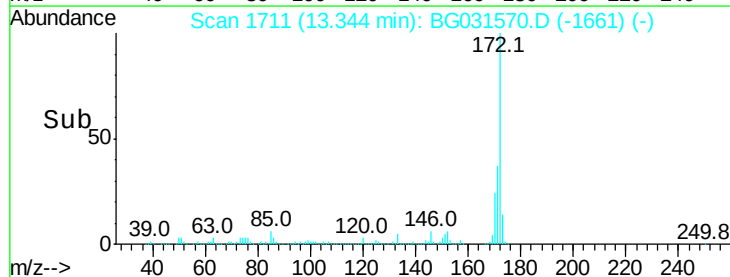
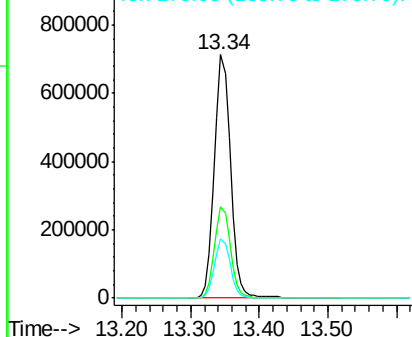


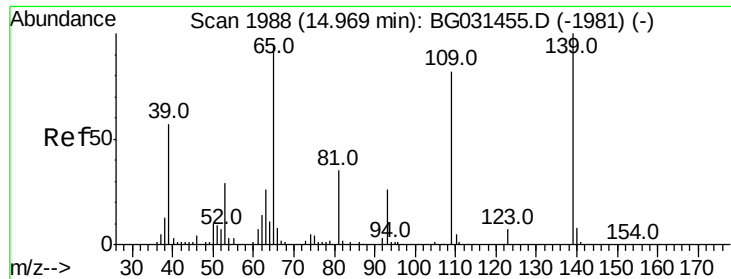
#44
 2-Fluorobiphenyl
 Concen: 92.951 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031570.D
 Acq: 14 Dec 2017 22:18

Tgt Ion:172 Resp: 1169659
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

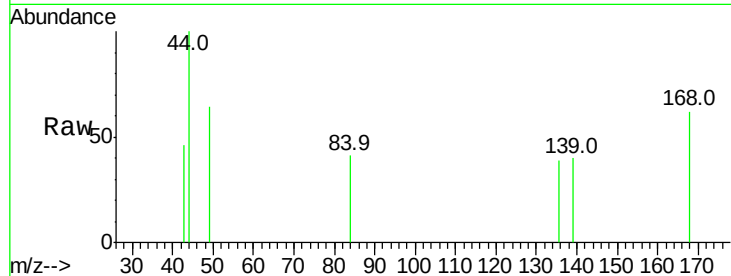




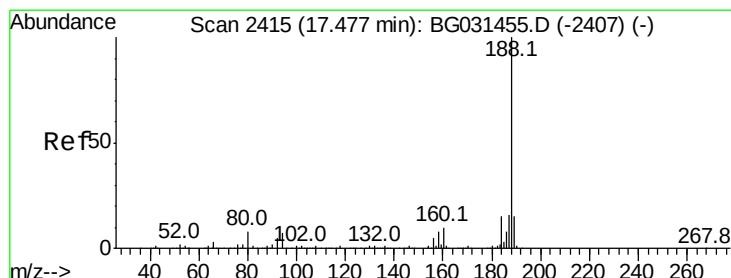
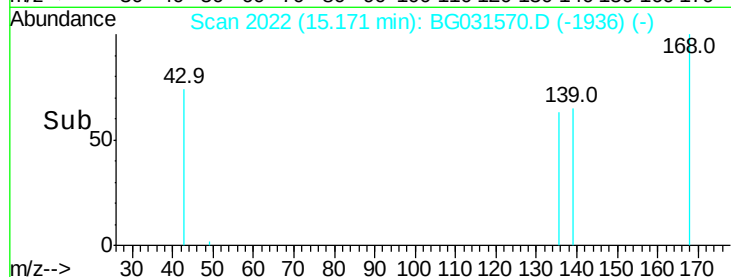
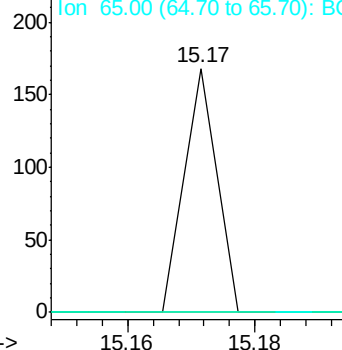
#55
4-Nitrophenol
Concen: 3.567 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.20 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

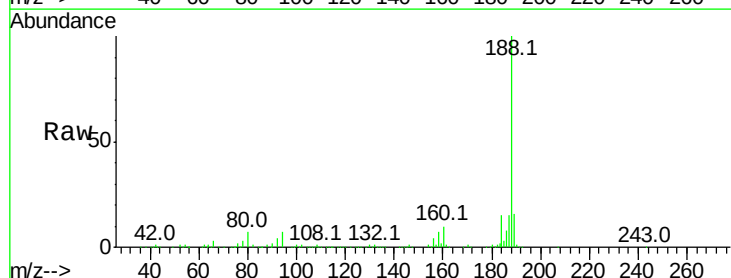


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

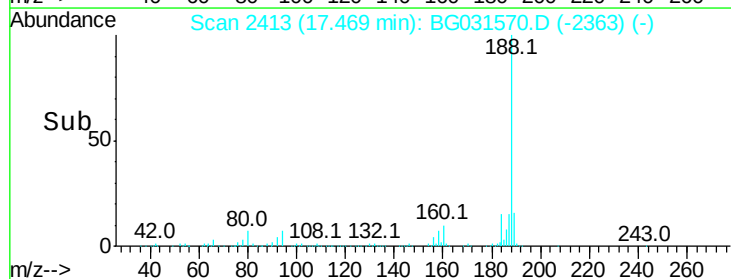
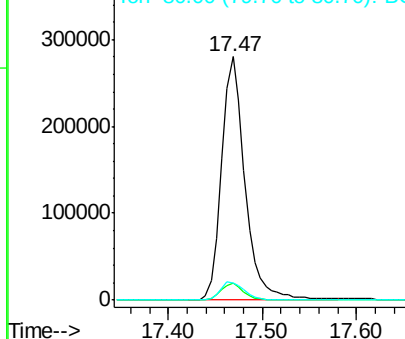


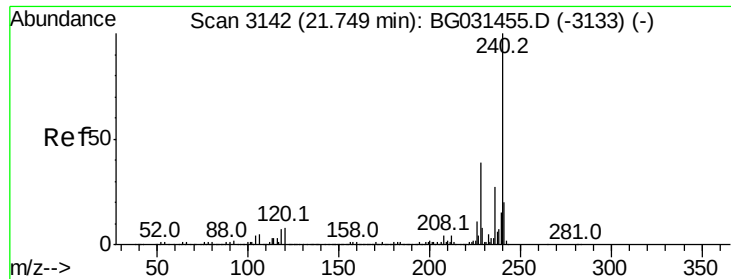
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Tgt Ion:188 Resp: 488846
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 6.8 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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG031570.D

Acq: 14 Dec 2017 22:18

Instrument :

BNA_G

ClientSampleId :

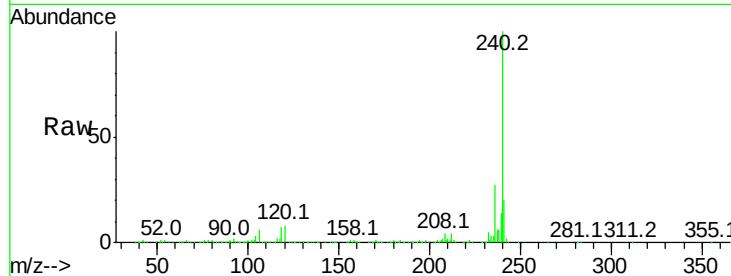
Tot Ion:240 Resp: 616090

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

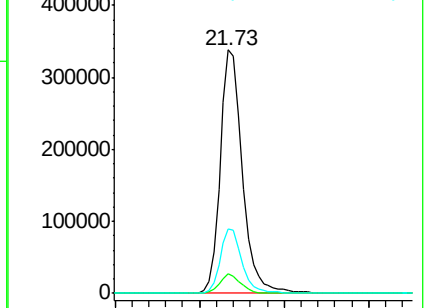
236 26.6 20.9 31.3



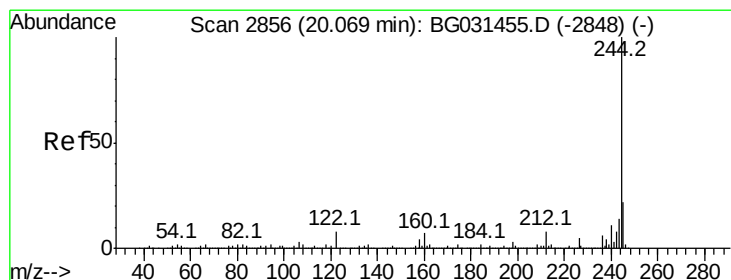
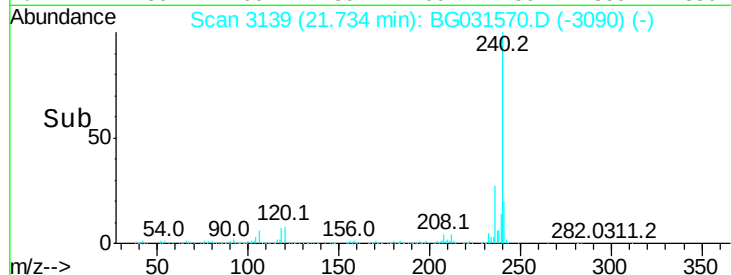
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 83.788 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031570.D

Acq: 14 Dec 2017 22:18

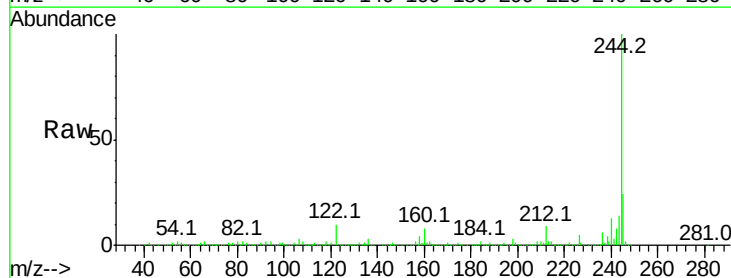
Tgt Ion:244 Resp: 2268883

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

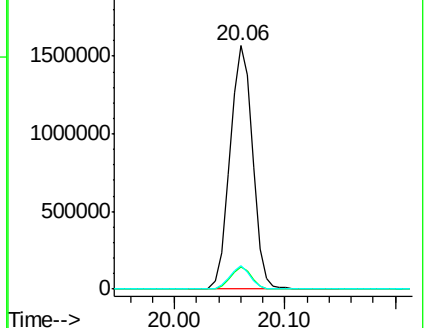
122 9.5 7.0 10.4



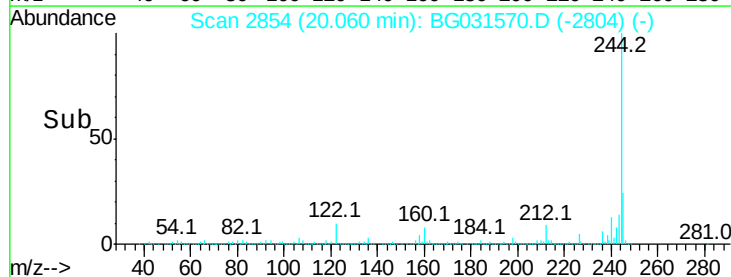
Abundance Ion 244.00 (243.70 to 244.70): E

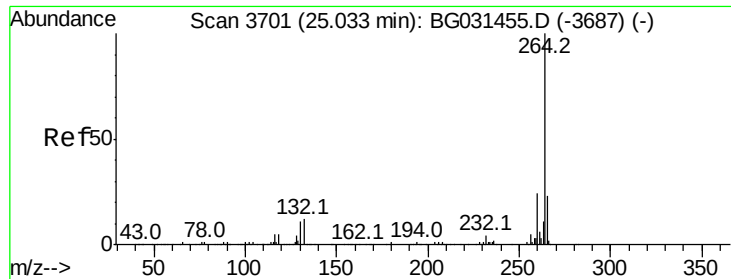
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031570.D
Acq: 14 Dec 2017 22:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.4	17.7	26.5

