

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031631.D
 Acq On : 18 Dec 2017 12:47
 Operator : SJ/JU
 Sample : I6909-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:00:00 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

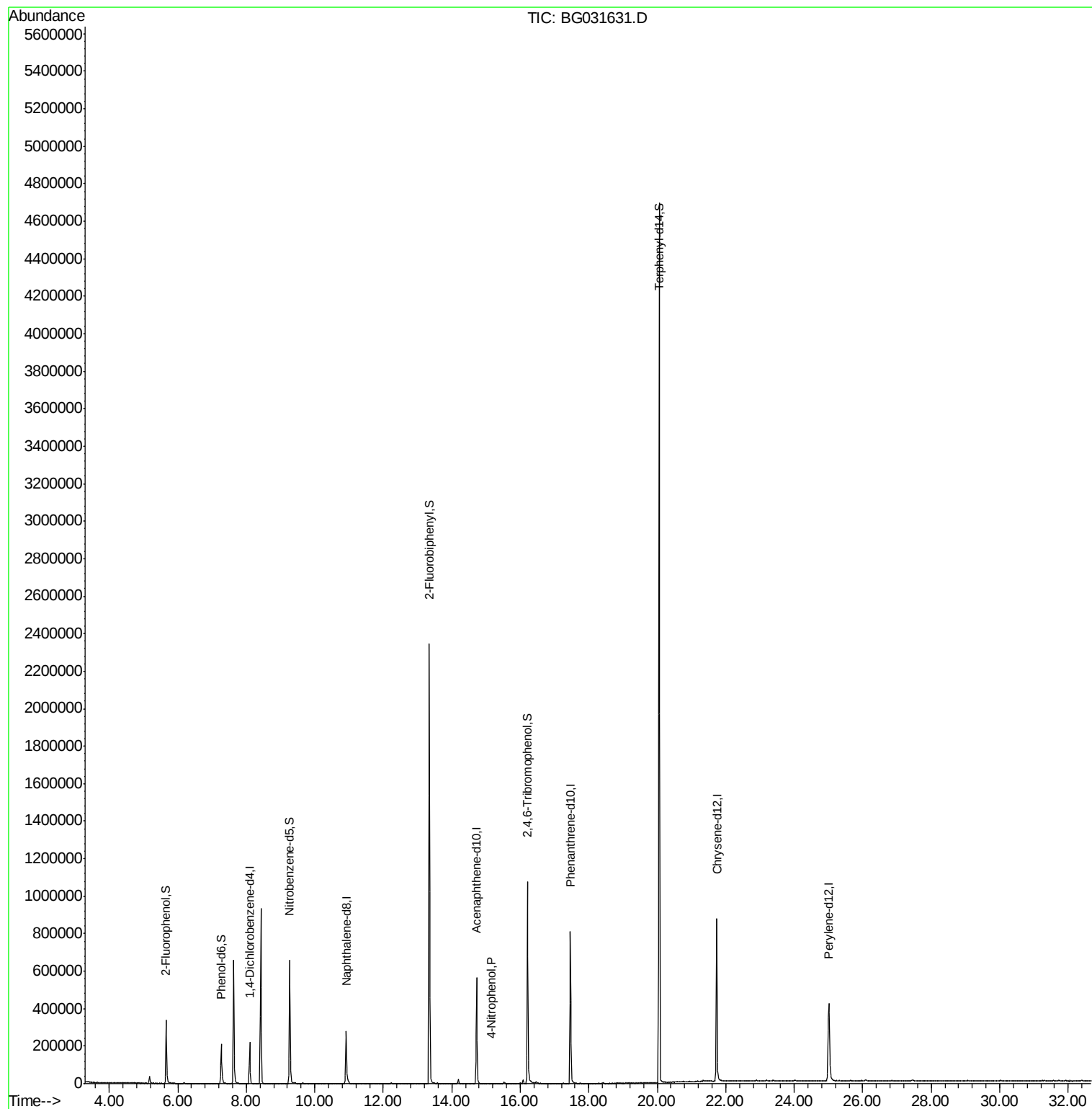
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	74040	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	321522	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	221529	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	570338	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	617361	20.00	ng	-0.01
86) Perylene-d12	25.01	264	535531	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	195165	46.72	ng	-0.01
7) Phenol-d6	7.27	99	157990	27.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	453083	86.86	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	246282	94.90	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1400539	92.80	ng	0.00
78) Terphenyl-d14	20.06	244	2271330	83.71	ng	-0.01
Target Compounds						
55) 4-Nitrophenol	15.16	139	83	3.572	ng	Qvalue # 1

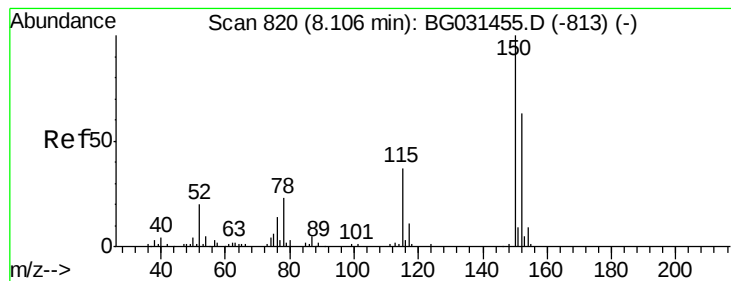
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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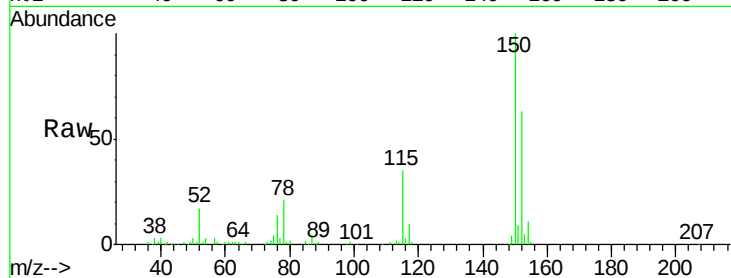


#1

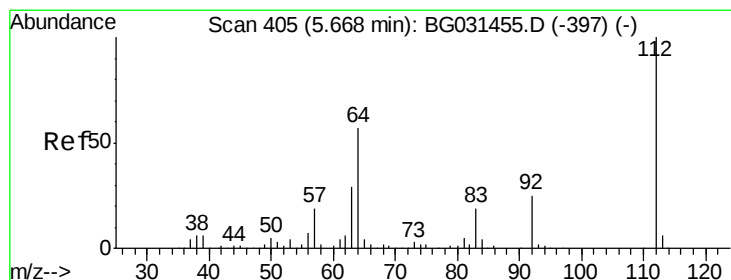
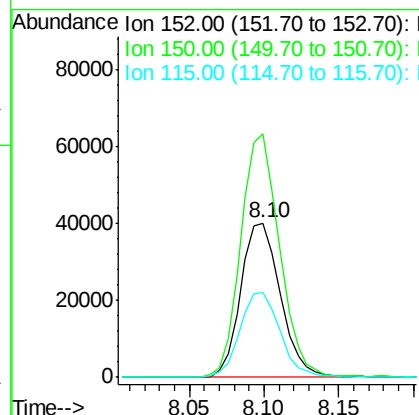
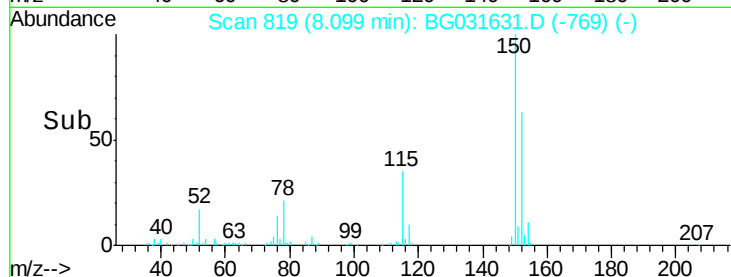
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74040
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 55.4 53.0 79.4



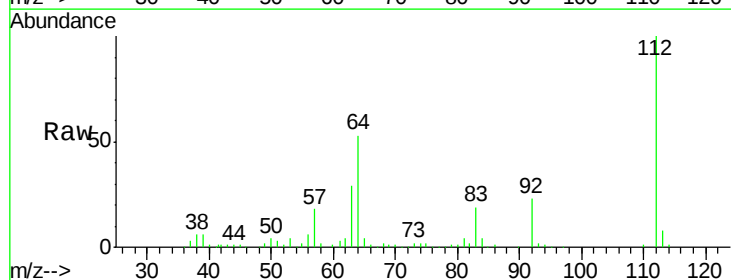
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



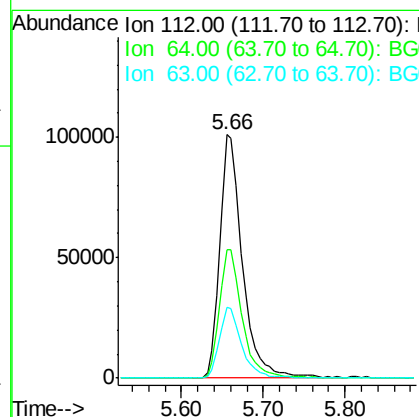
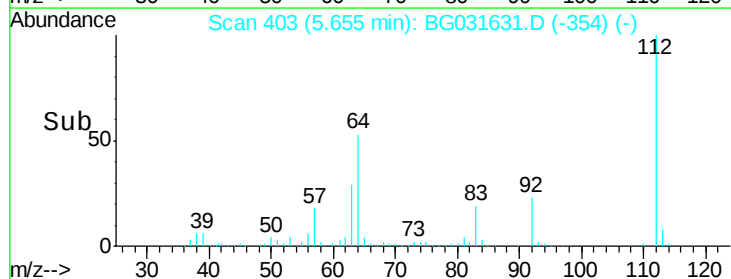
#5

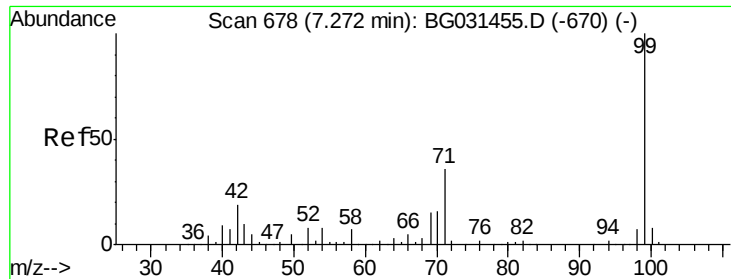
2-Fluorophenol
Concen: 46.723 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Tgt Ion:112 Resp: 195165
Ion Ratio Lower Upper
112 100
64 52.7 56.3 84.5#
63 29.0 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: 27.245 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031631.D

Acq: 18 Dec 2017 12:47

Instrument :

BNA_G

ClientSampleId :

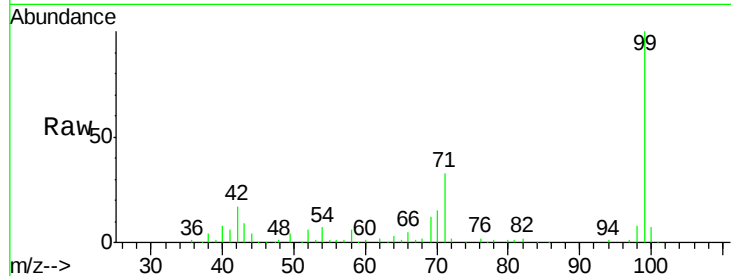
Tot Ion: 99 Resp: 157990

Ion Ratio Lower Upper

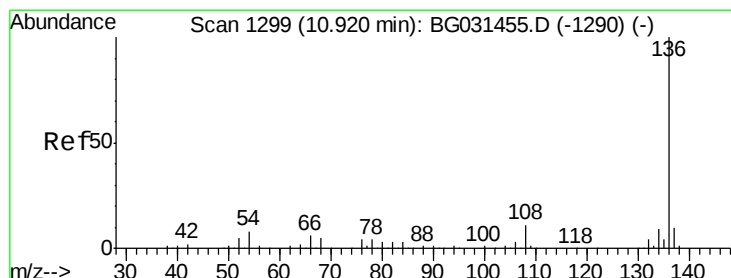
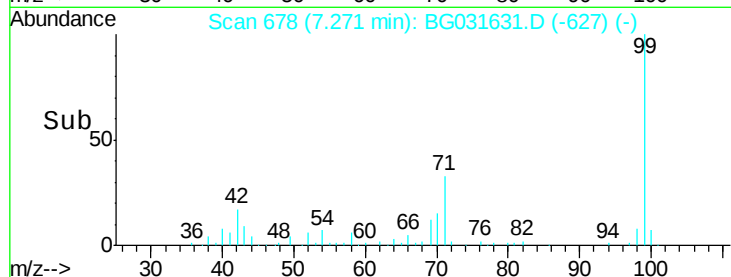
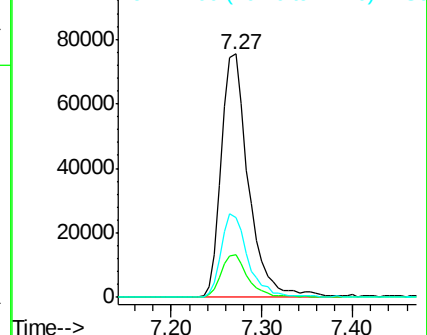
99 100

42 17.3 14.1 21.1

71 32.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031631.D

Acq: 18 Dec 2017 12:47

Tgt Ion: 136 Resp: 321522

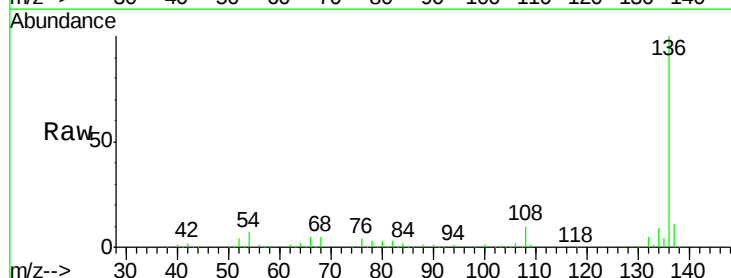
Ion Ratio Lower Upper

136 100

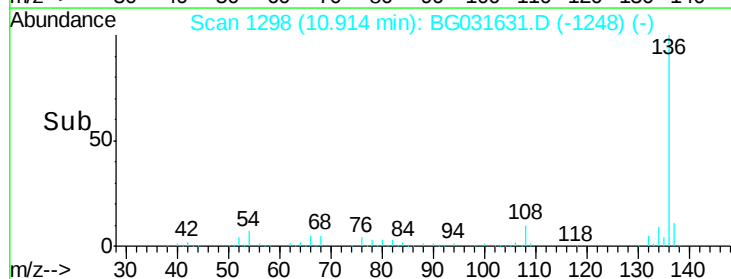
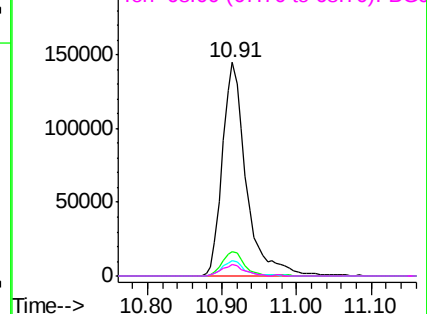
137 11.2 9.2 13.8

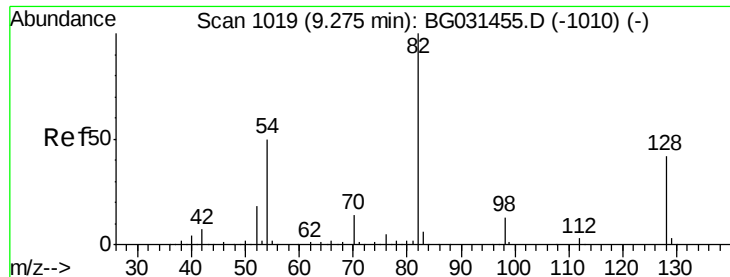
54 7.1 10.3 15.5#

68 5.2 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

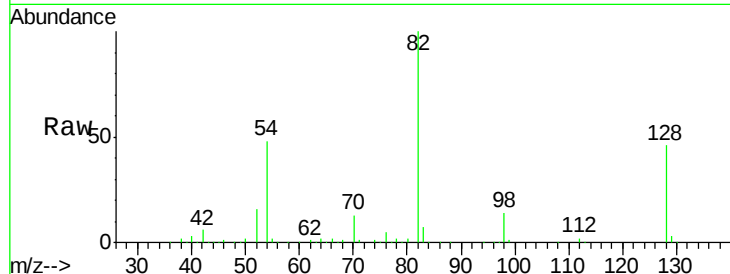




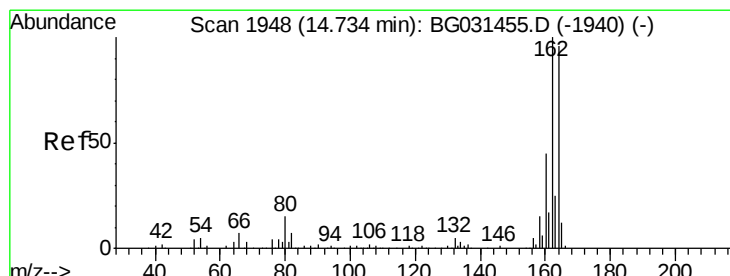
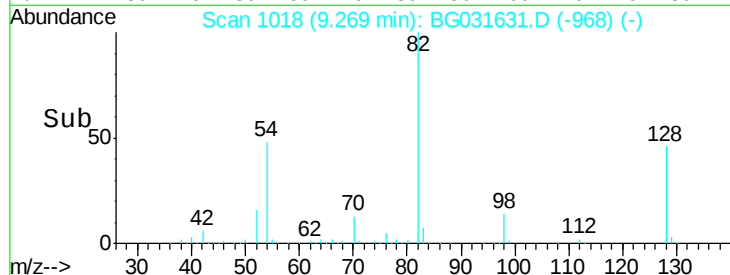
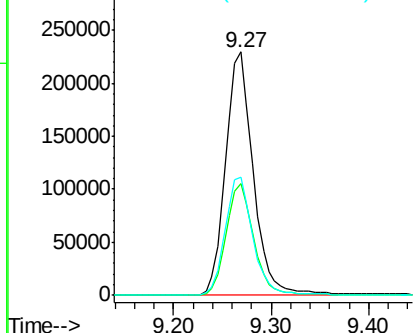
#23
Nitrobenzene-d5
Concen: 86.857 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	48.4	43.1	64.7

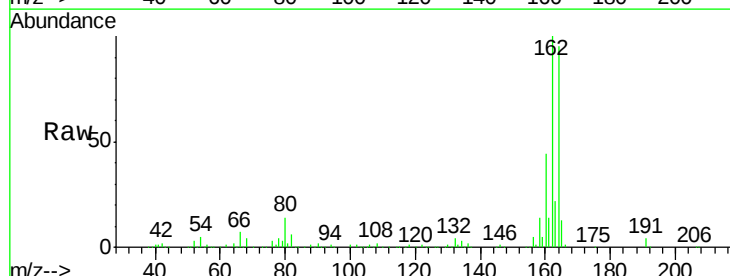


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

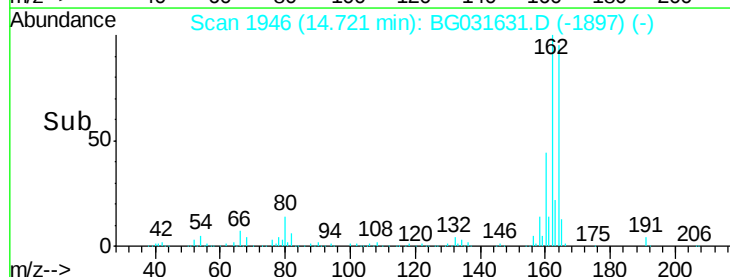
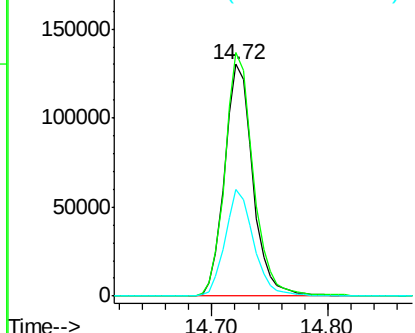


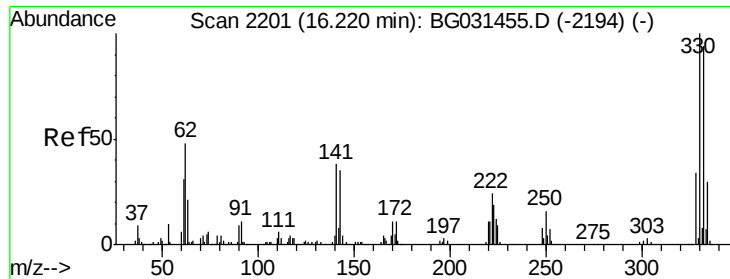
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.1	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

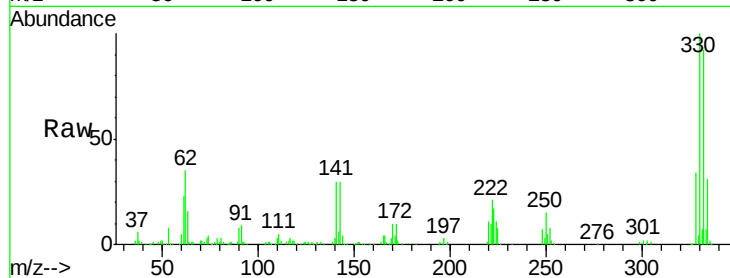




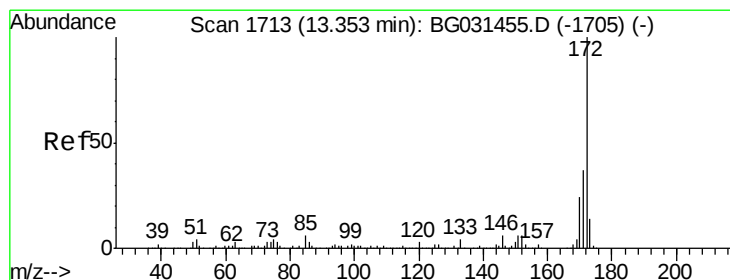
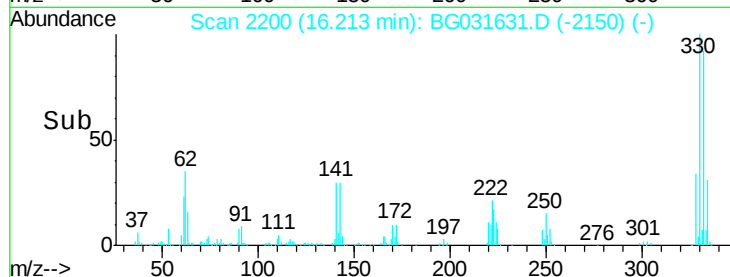
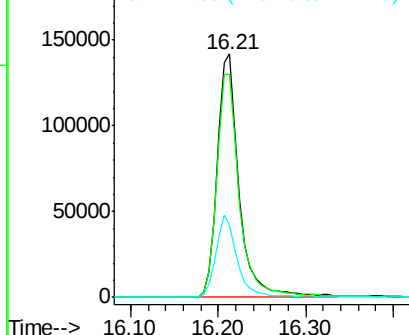
#41
 2,4,6-Tribromophenol
 Concen: 94.895 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031631.D
 Acq: 18 Dec 2017 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 246282
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.1 25.2 37.8

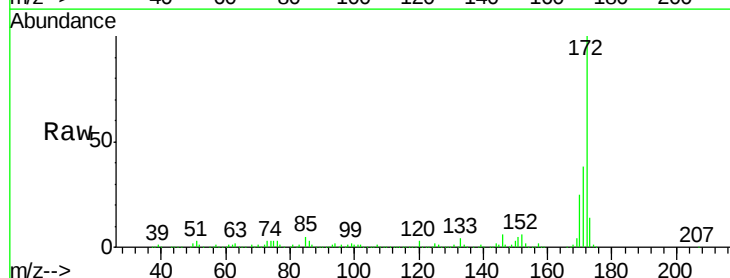


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

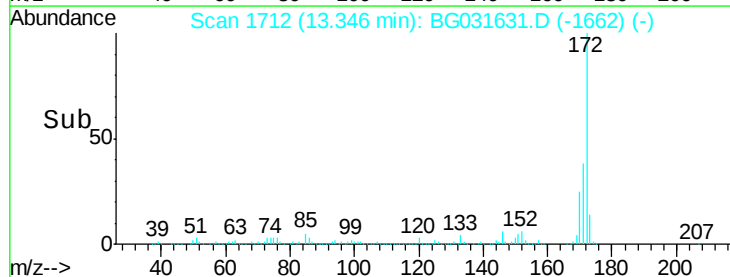
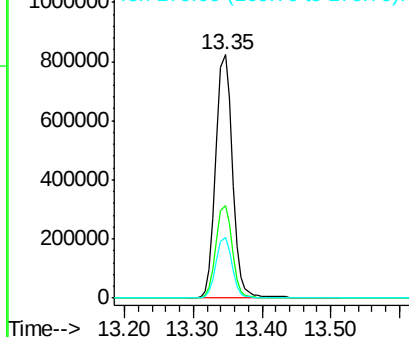


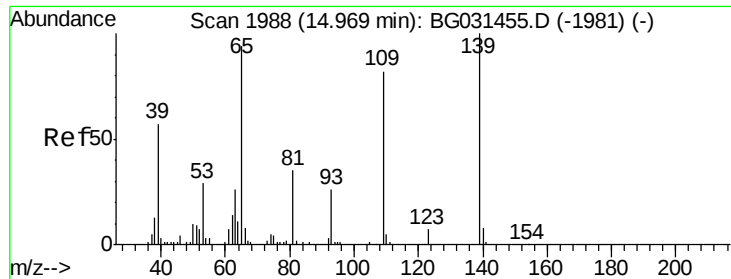
#44
 2-Fluorobiphenyl
 Concen: 92.801 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031631.D
 Acq: 18 Dec 2017 12:47

Tgt Ion:172 Resp: 1400539
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.9 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

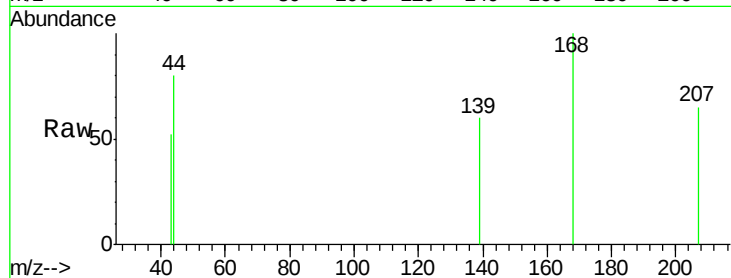




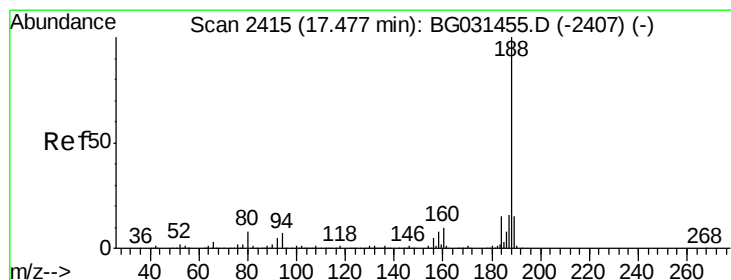
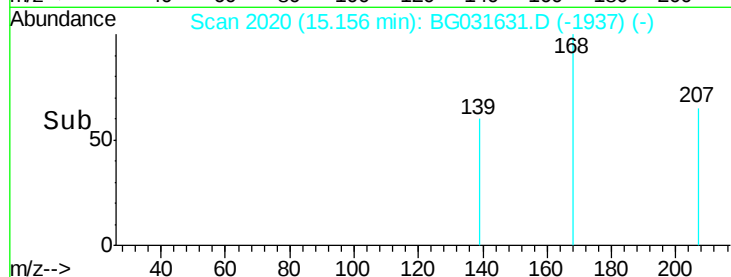
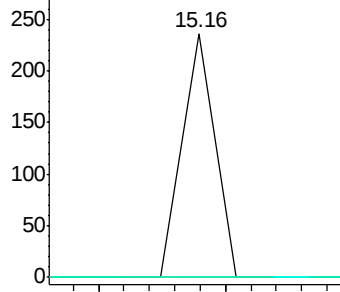
#55
4-Nitrophenol
Concen: 3.572 ng
RT: 15.16 min Scan# 2020
Delta R.T. 0.19 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 83
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

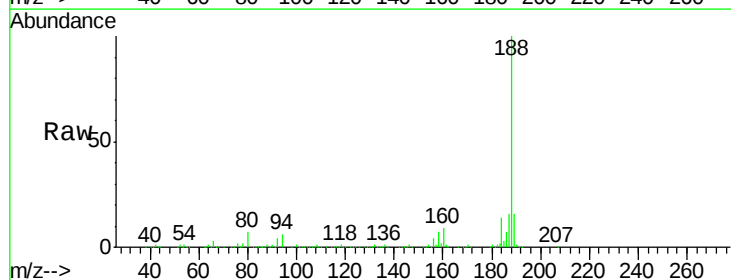


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

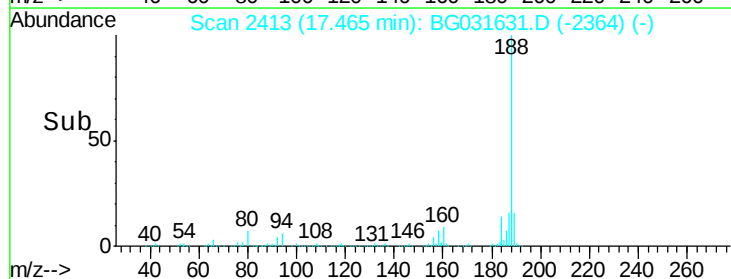
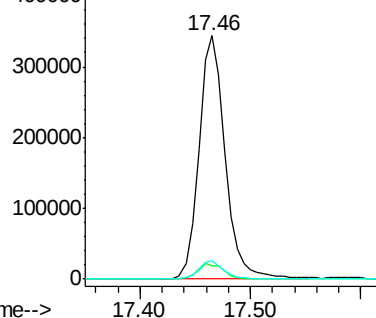


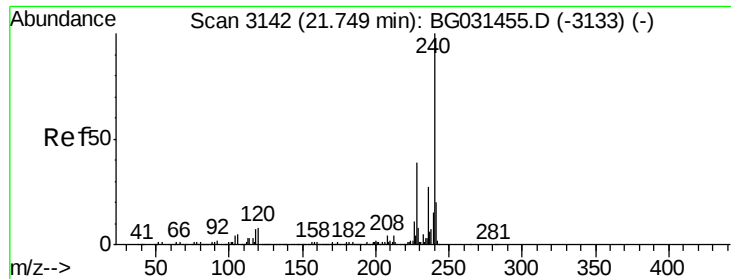
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031631.D
Acq: 18 Dec 2017 12:47

Tgt Ion:188 Resp: 570338
Ion Ratio Lower Upper
188 100
94 5.6 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# 3140

Delta R.T. -0.01 min

Lab File: BG031631.D

Acq: 18 Dec 2017 12:47

Instrument :

BNA_G

ClientSampleId :

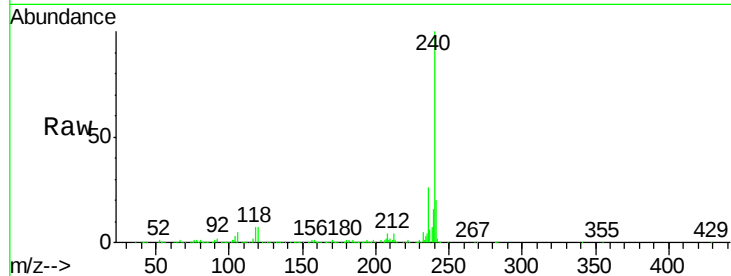
Tot Ion:240 Resp: 617361

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

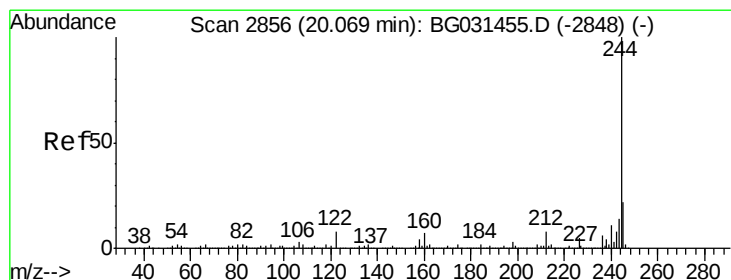
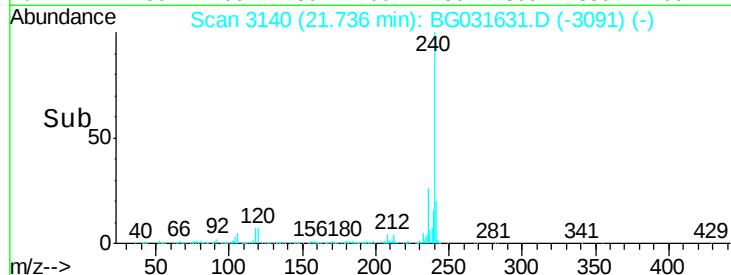
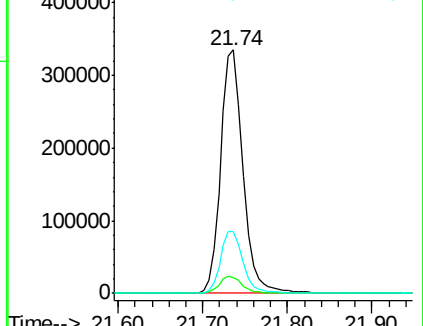
236 25.5 20.9 31.3



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: 83.705 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031631.D

Acq: 18 Dec 2017 12:47

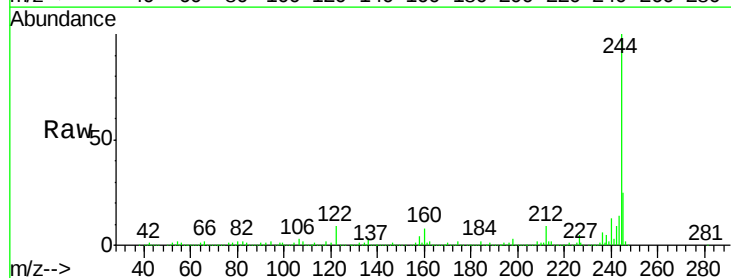
Tgt Ion:244 Resp: 2271330

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

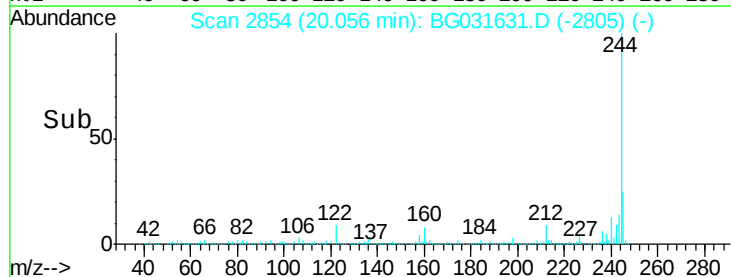
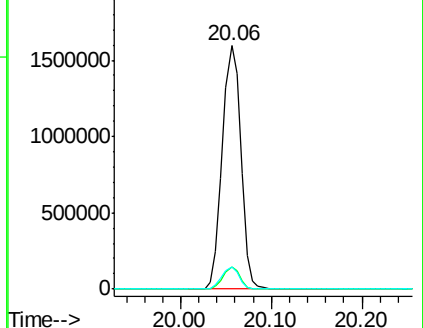
122 8.9 7.0 10.4

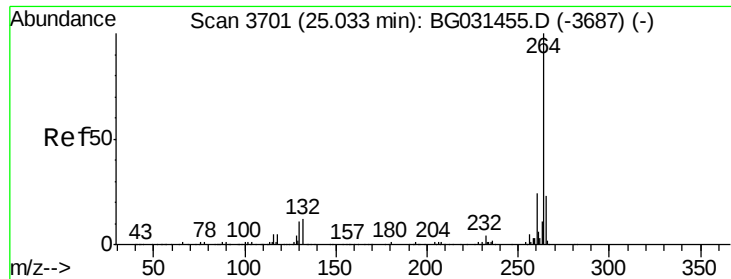


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031631.D
 Acq: 18 Dec 2017 12:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.4	17.7	26.5

