

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031649.D
 Acq On : 19 Dec 2017 00:36
 Operator : SJ/JU
 Sample : I6911-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:06:57 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

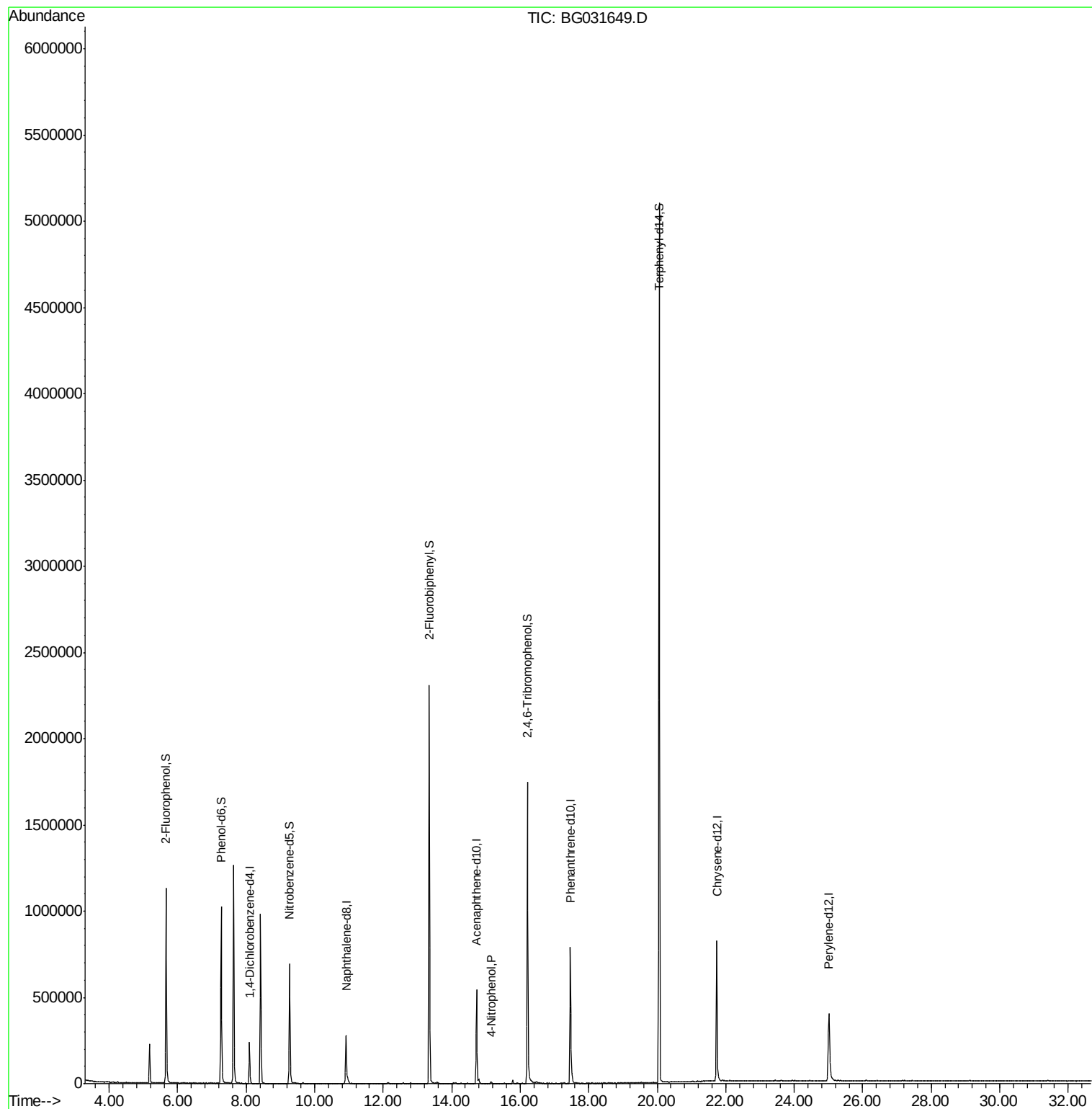
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	75950	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	318946	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	211481	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	558764	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	596446	20.00	ng	-0.01
86) Perylene-d12	25.02	264	513227	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	577903	134.87	ng	0.00
7) Phenol-d6	7.27	99	667538	112.22	ng	0.00
23) Nitrobenzene-d5	9.27	82	469721	90.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	399335	161.18	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1381312	95.88	ng	-0.01
78) Terphenyl-d14	20.06	244	2513041	95.86	ng	-0.01
Target Compounds						
55) 4-Nitrophenol	15.14	139	3973	5.015	ng	Qvalue # 1

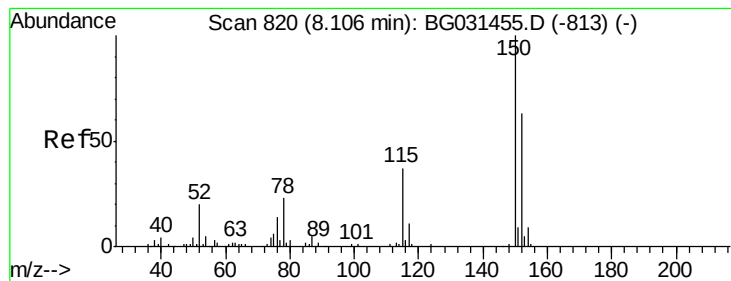
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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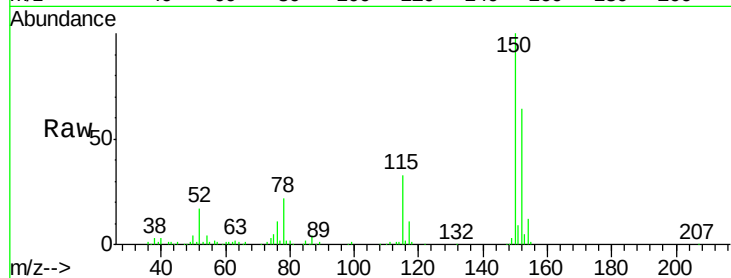


#1

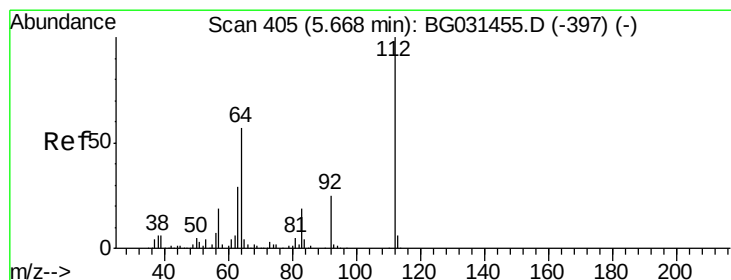
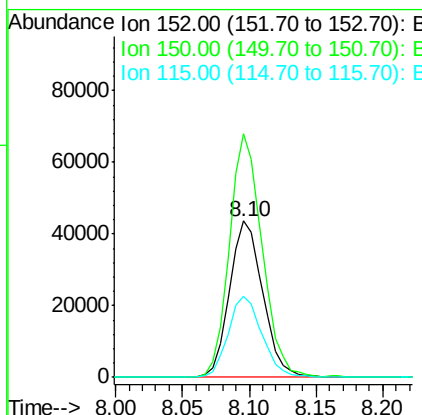
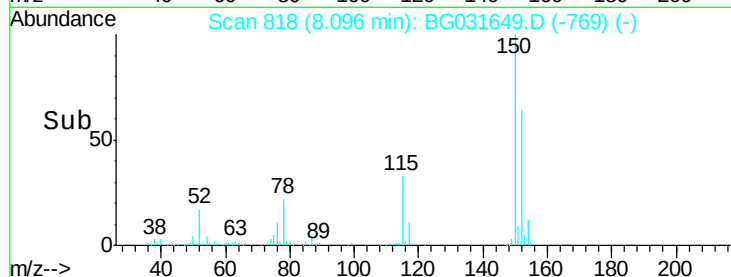
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	75950
Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	51.6	53.0	79.4#



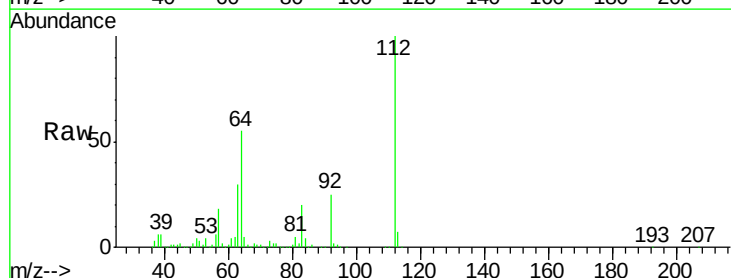
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



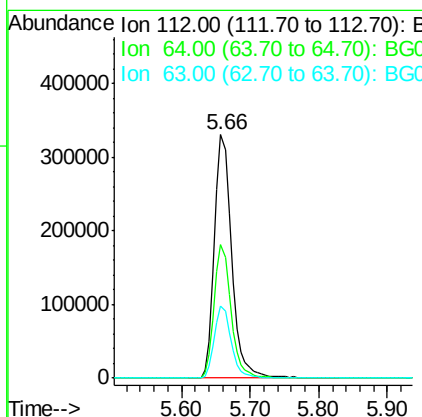
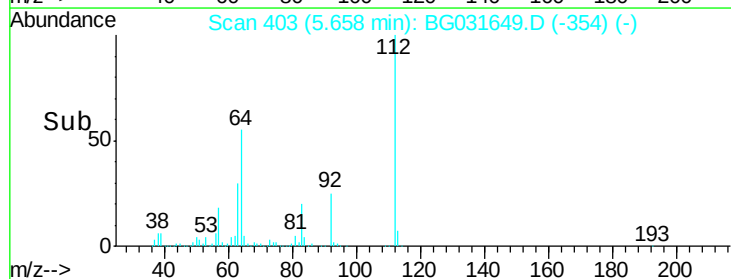
#5

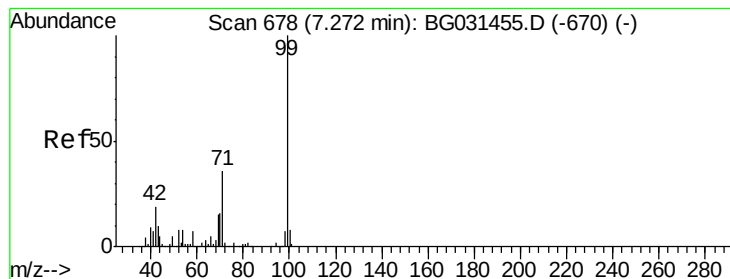
2-Fluorophenol
Concen: 134.871 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Tgt Ion	112	Resp	577903
Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	29.7	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: 112.222 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031649.D

Acq: 19 Dec 2017 00:36

Instrument :

BNA_G

ClientSampleId :

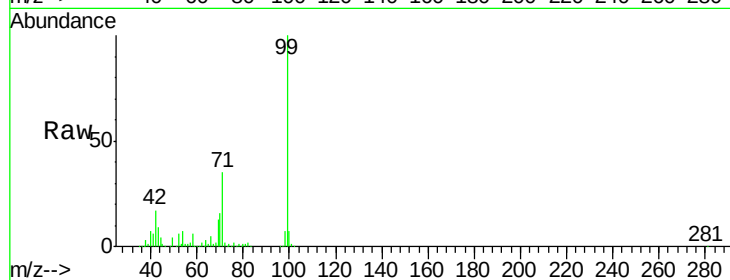
Tot Ion: 99 Resp: 667538

Ion Ratio Lower Upper

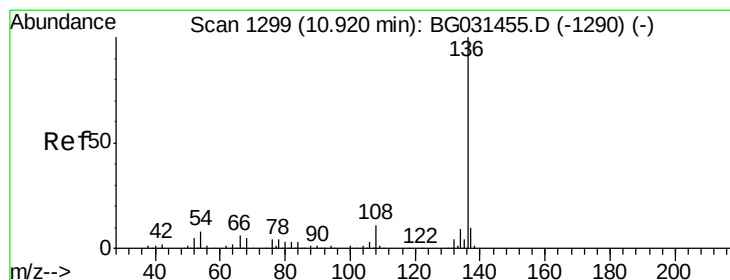
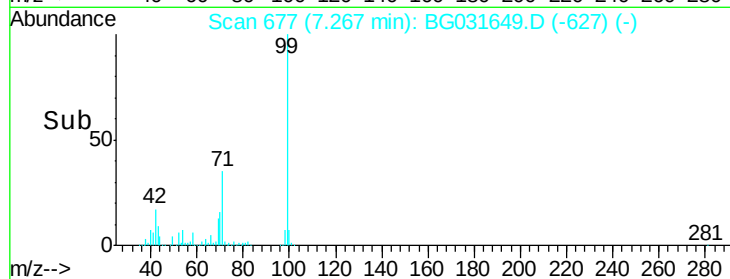
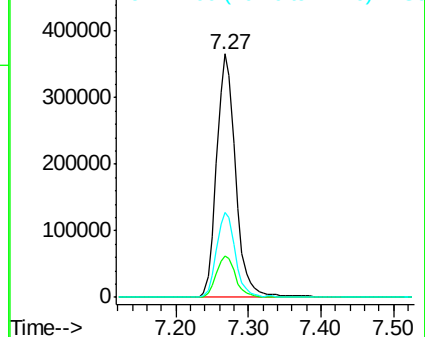
99 100

42 17.0 14.1 21.1

71 35.1 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# 1297

Delta R.T. -0.01 min

Lab File: BG031649.D

Acq: 19 Dec 2017 00:36

Tgt Ion: 136 Resp: 318946

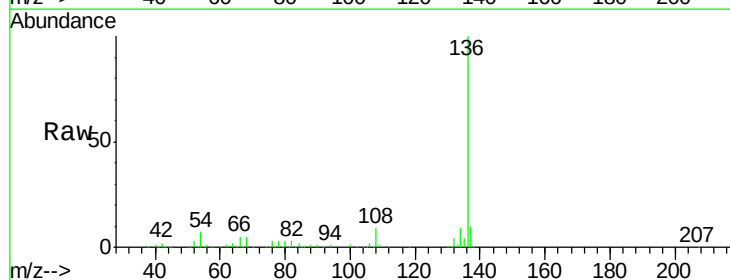
Ion Ratio Lower Upper

136 100

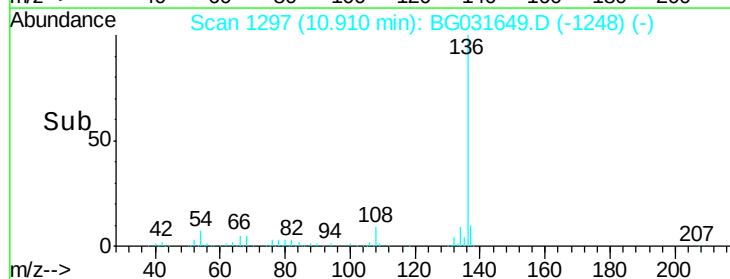
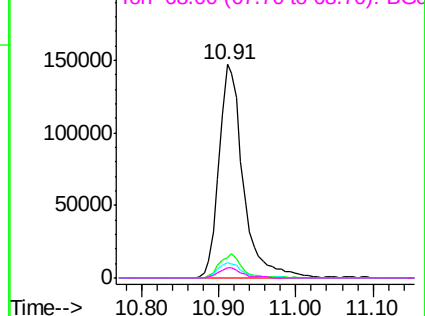
137 9.7 9.2 13.8

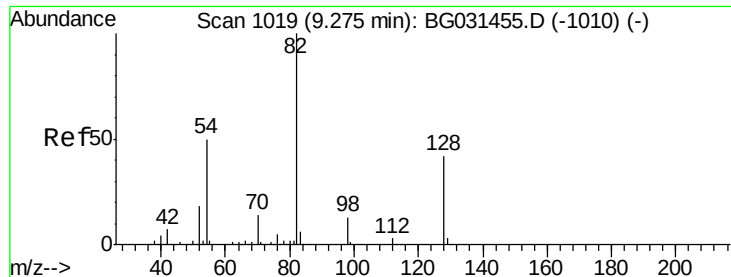
54 7.1 10.3 15.5#

68 4.8 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

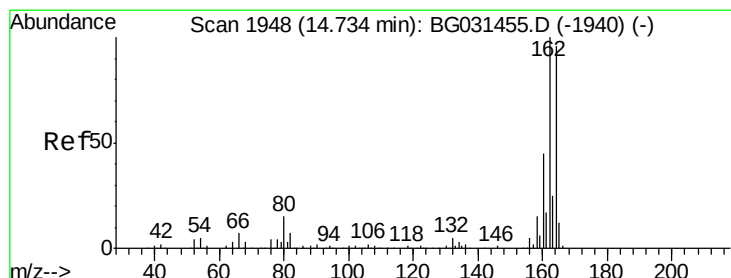
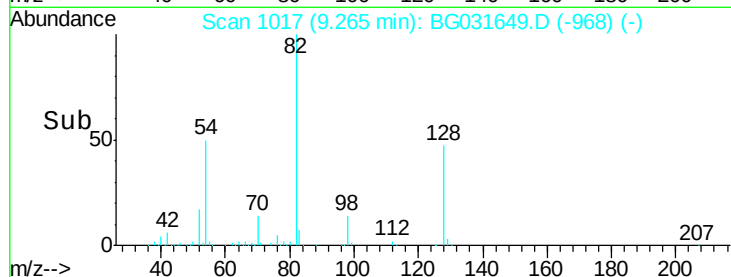
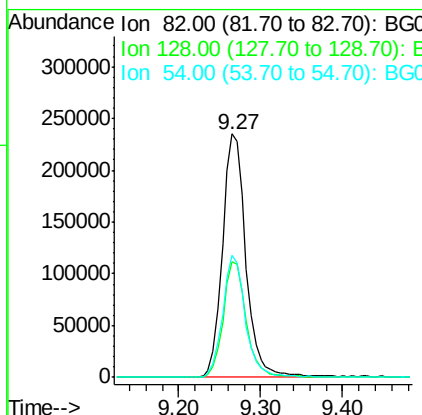
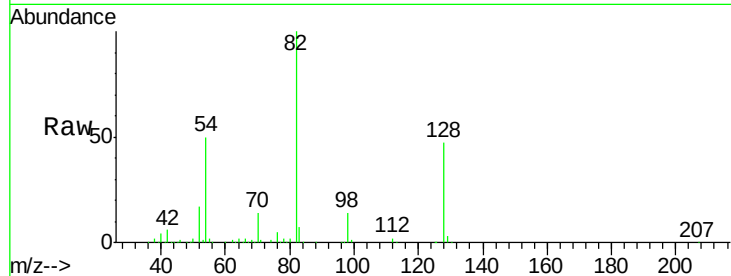




#23
Nitrobenzene-d5
Concen: 90.774 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

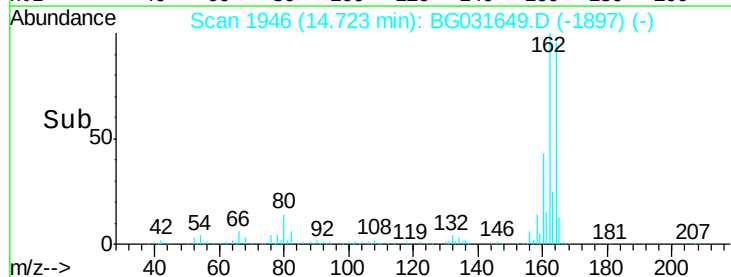
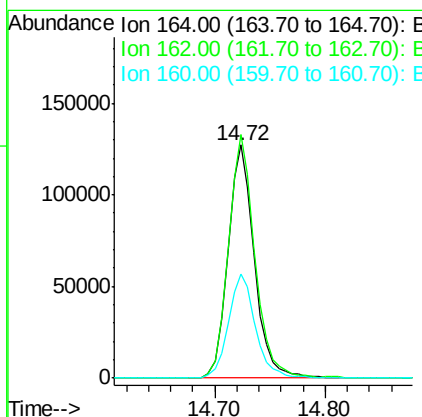
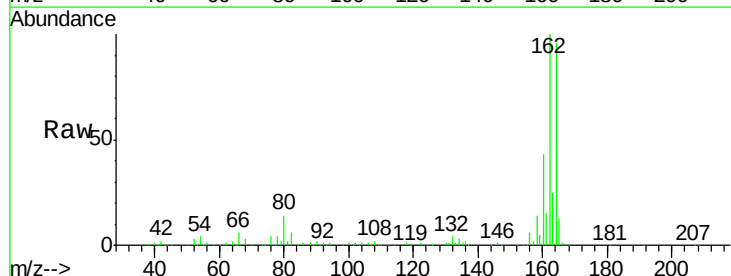
Instrument :
BNA_G
ClientSampleId :

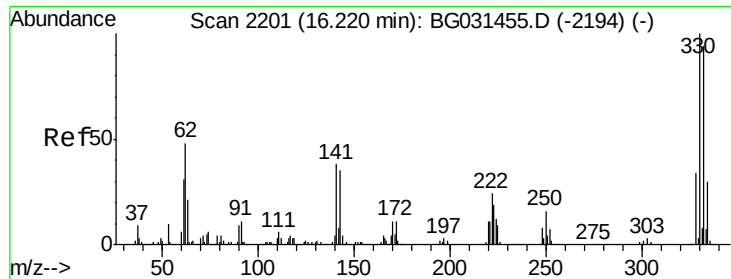
Tot Ion: 82 Resp: 469721
Ion Ratio Lower Upper
82 100
128 47.4 29.7 44.5#
54 49.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Tgt Ion:164 Resp: 211481
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 44.5 35.4 53.0

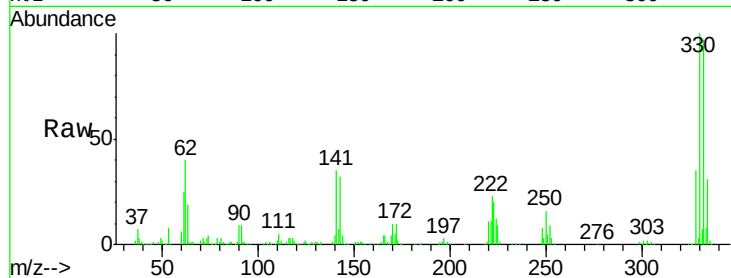




#41
 2,4,6-Tribromophenol
 Concen: 161.179 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031649.D
 Acq: 19 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.9	25.2	37.8

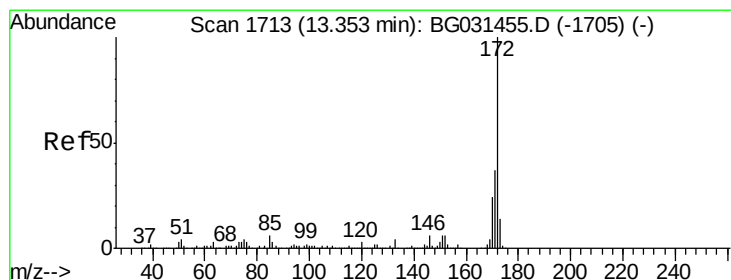
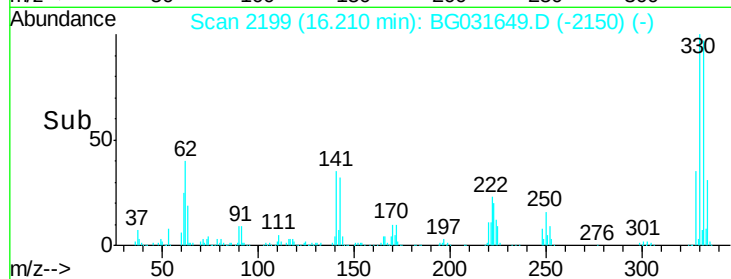
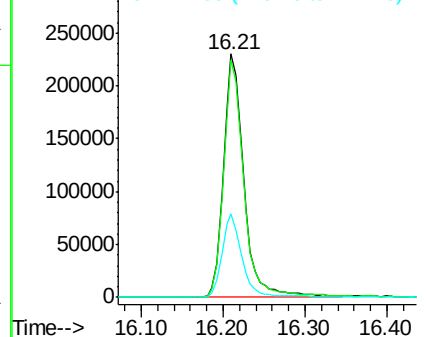


Abundance

Ion 329.80 (329.50 to 330.50): E

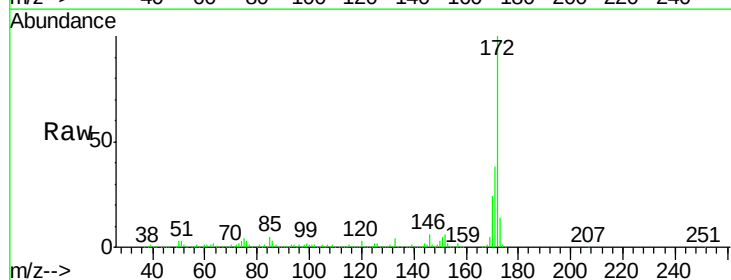
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.876 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031649.D
 Acq: 19 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.9	19.5	29.3

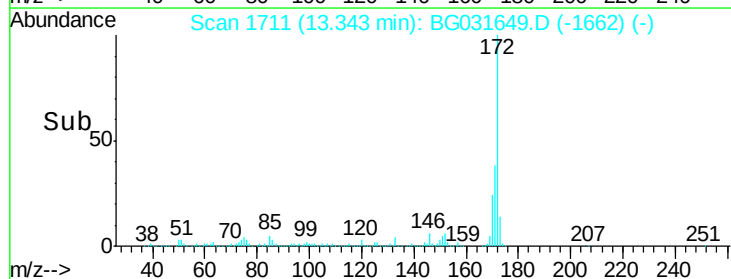
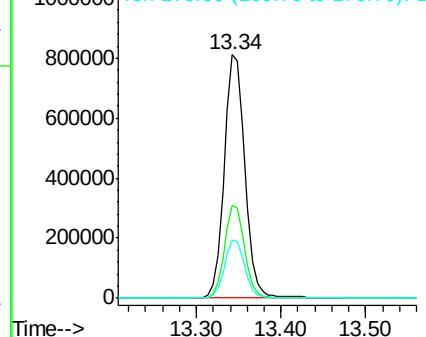


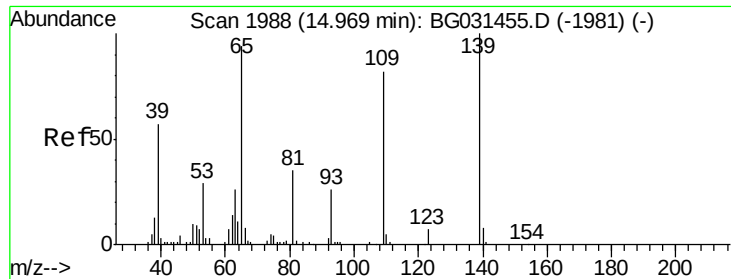
Abundance

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

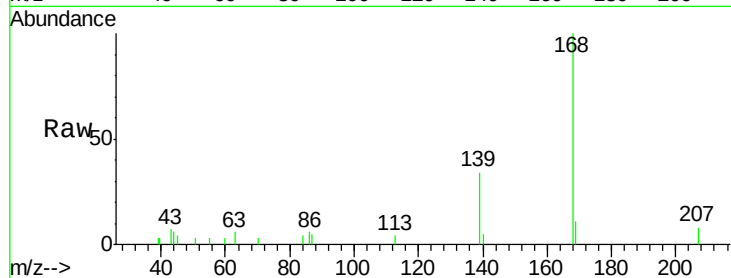




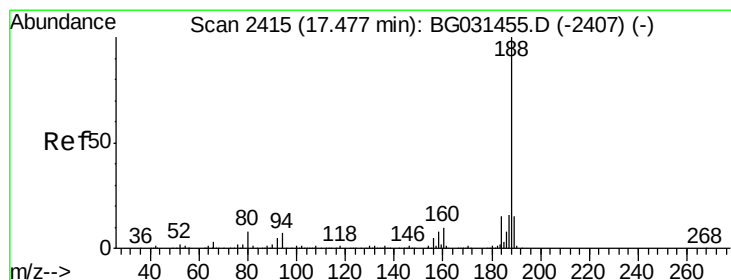
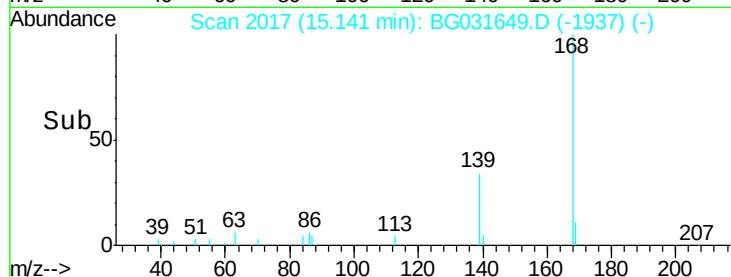
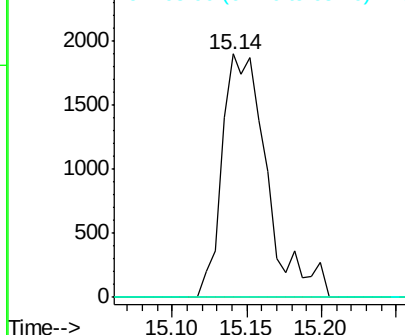
#55
4-Nitrophenol
Concen: 5.015 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.17 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 3973
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

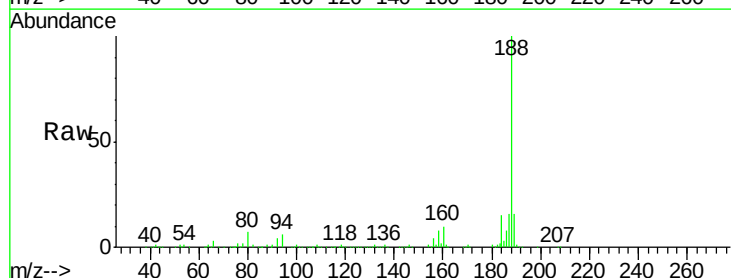


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

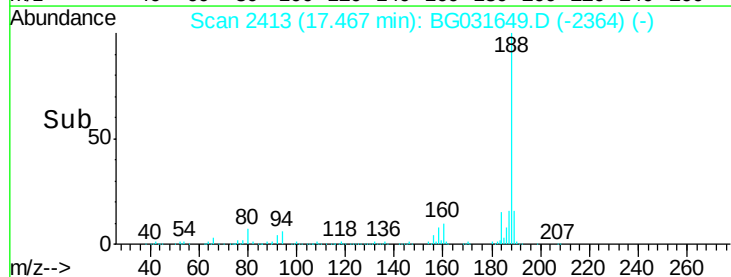
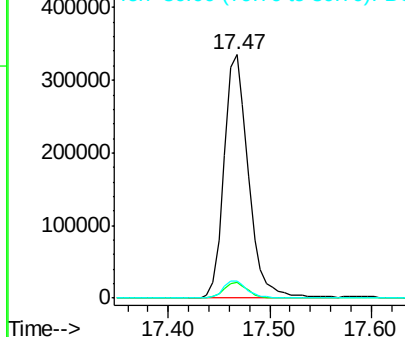


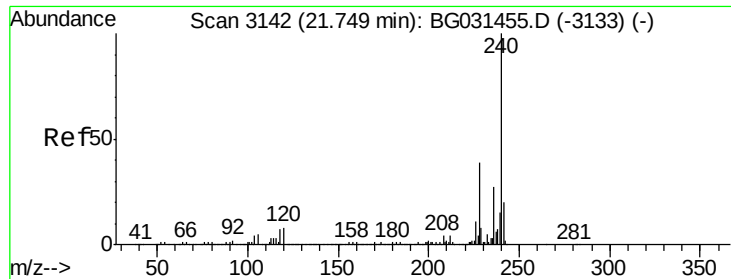
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Tgt Ion:188 Resp: 558764
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.7 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

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031649.D

Acq: 19 Dec 2017 00:36

Instrument :

BNA_G

ClientSampleId :

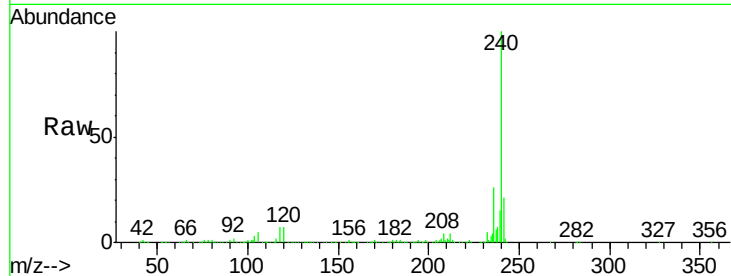
Tot Ion:240 Resp: 596446

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

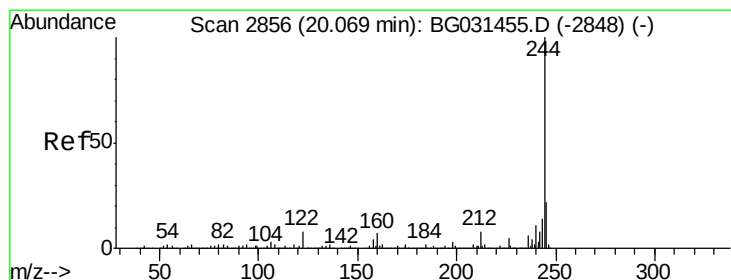
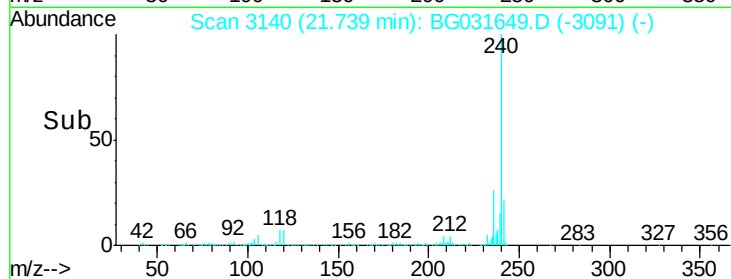
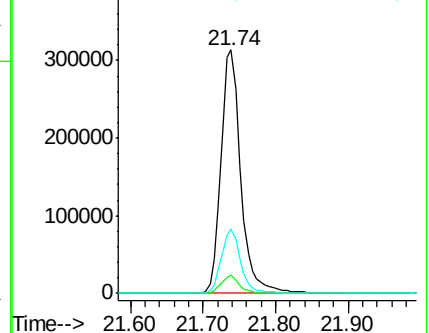
236 26.5 20.9 31.3



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: 95.861 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031649.D

Acq: 19 Dec 2017 00:36

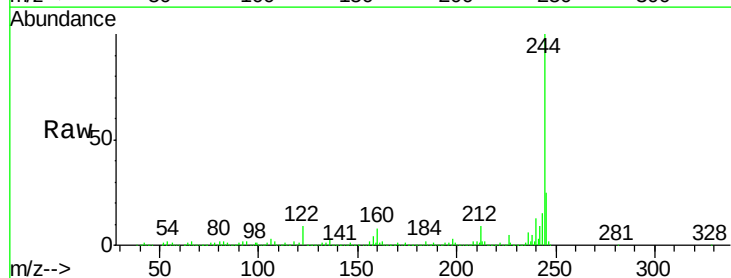
Tgt Ion:244 Resp: 2513041

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

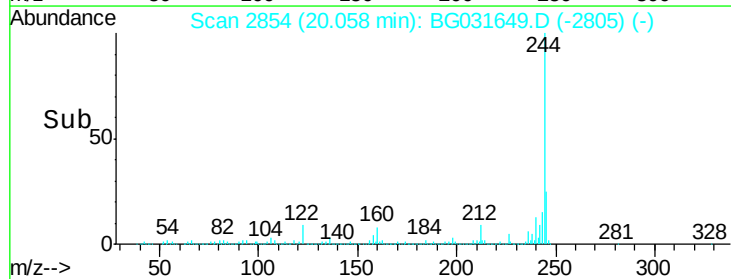
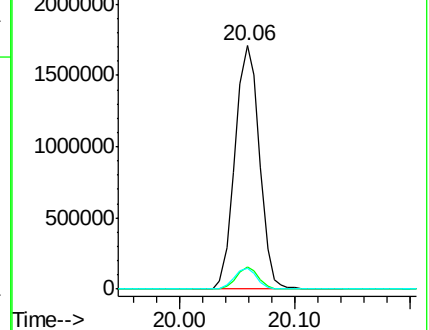
122 8.7 7.0 10.4

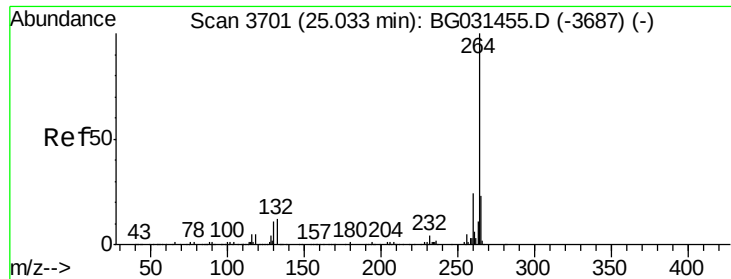


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031649.D
Acq: 19 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.4	17.7	26.5

