

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031833.D
 Acq On : 28 Dec 2017 20:04
 Operator : SJ/JU
 Sample : I7082-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Dec 29 06:58:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

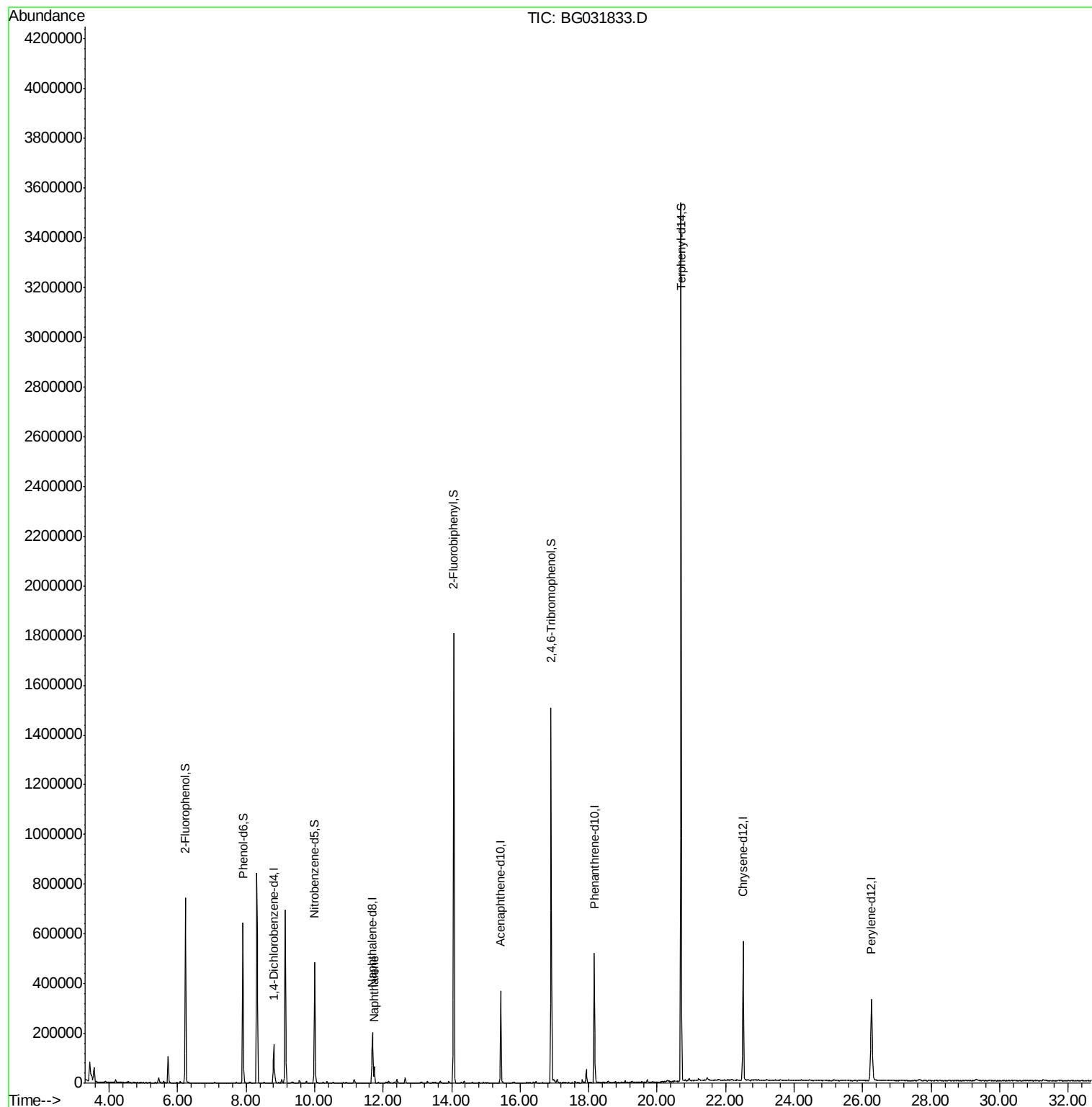
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	54088	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	211927	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	141736	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	363776	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	433988	20.00	ng	-0.06
86) Perylene-d12	26.26	264	460237	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	410738	138.31	ng	-0.02
7) Phenol-d6	7.91	99	470476	122.03	ng	-0.02
23) Nitrobenzene-d5	10.00	82	314361	112.01	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	374780	173.29	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	1113332	98.59	ng	-0.03
78) Terphenyl-d14	20.70	244	1944335	102.36	ng	-0.04
Target Compounds						
31) Naphthalene	11.74	128	60898	5.694	ng	Qvalue 96

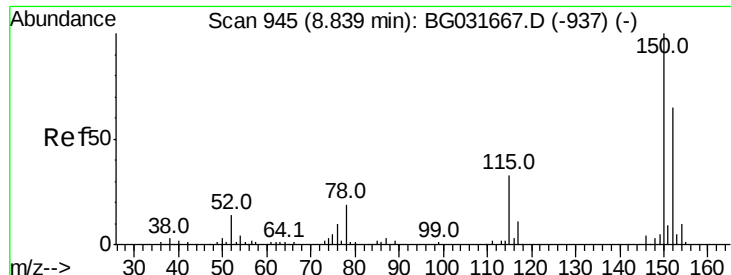
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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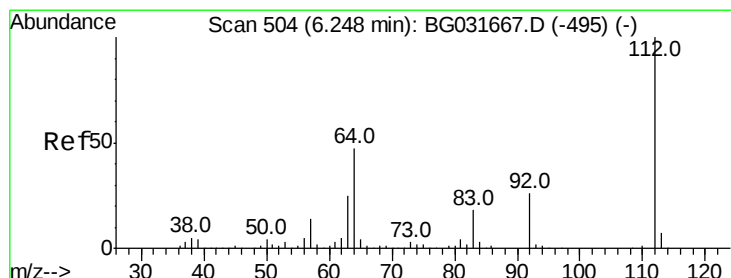
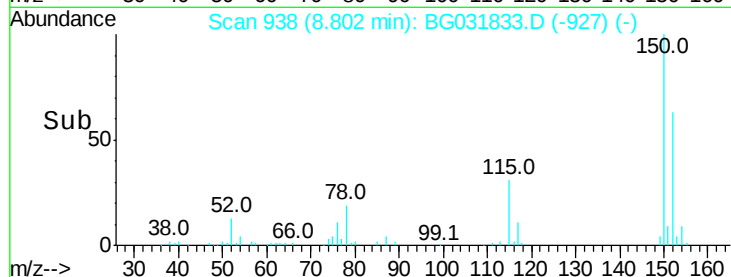
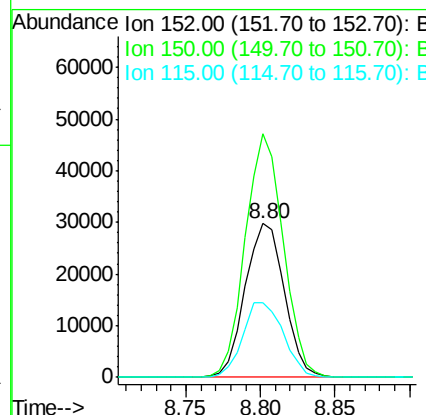
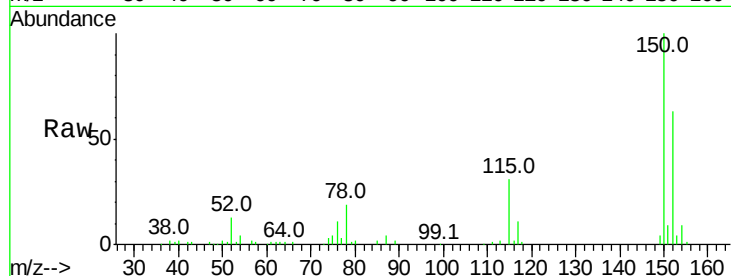


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :
OWS-1

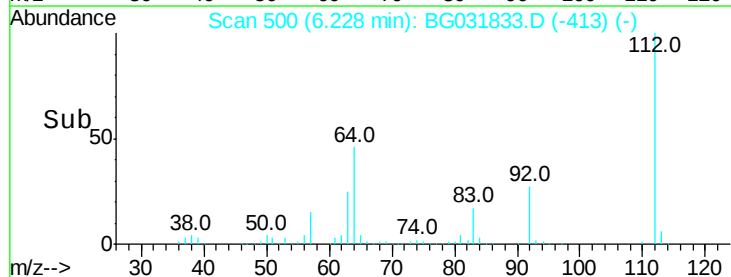
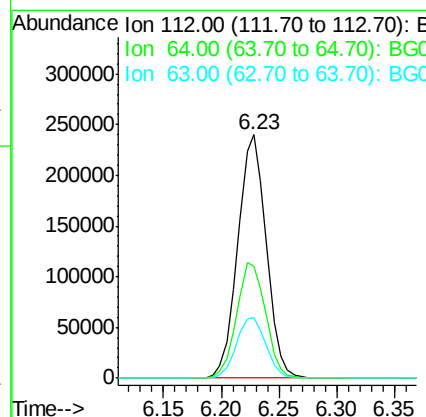
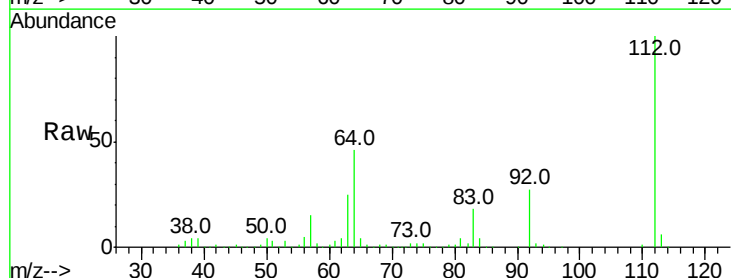
Tot Ion:152 Resp: 54088
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 48.6 53.0 79.4#

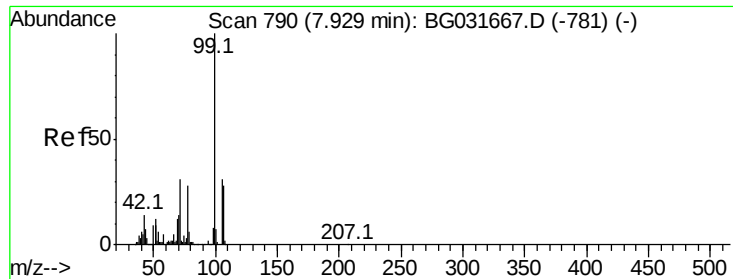


#5

2-Fluorophenol
Concen: 138.314 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:112 Resp: 410738
Ion Ratio Lower Upper
112 100
64 46.0 56.3 84.5#
63 25.1 30.1 45.1#





#7

Phenol-d6

Concen: 122.026 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

Instrument :

BNA_G

ClientSampleId :

OWS-1

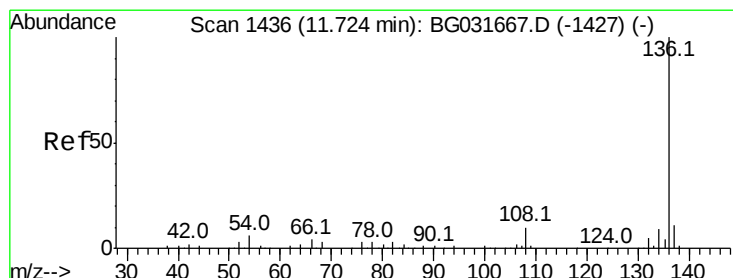
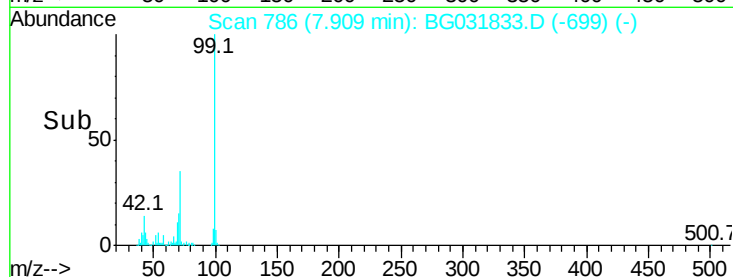
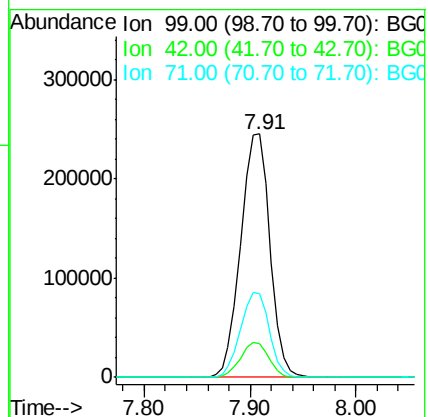
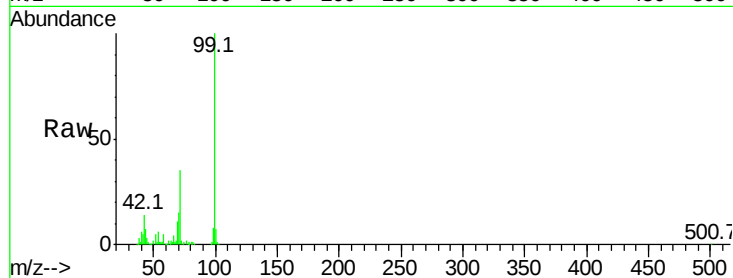
Tot Ion: 99 Resp: 470476

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 34.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1429

Delta R.T. -0.04 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

Tgt Ion: 136 Resp: 211927

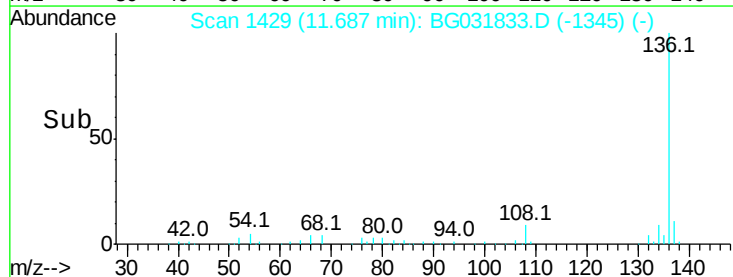
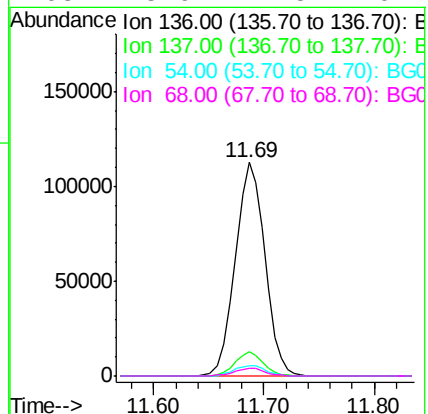
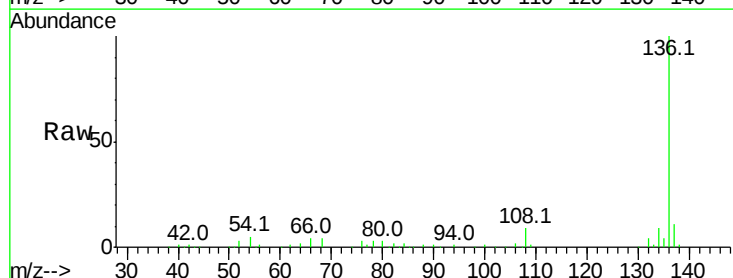
Ion Ratio Lower Upper

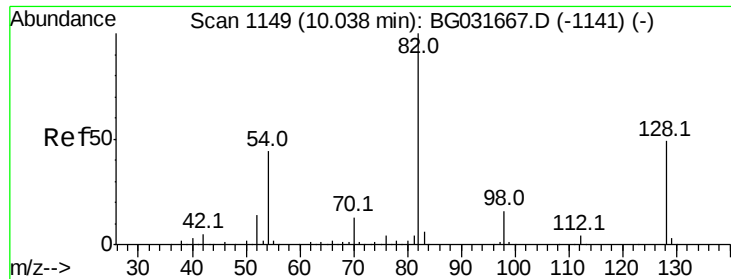
136 100

137 11.3 9.2 13.8

54 4.7 10.3 15.5#

68 3.6 4.5 6.7#

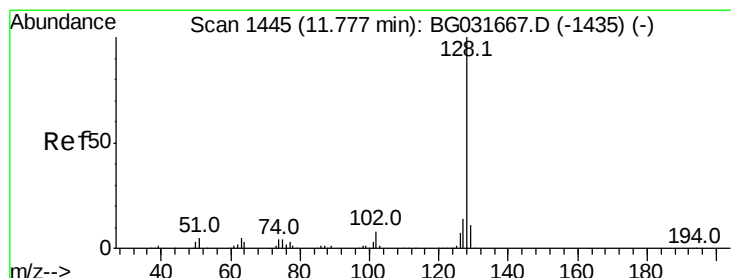
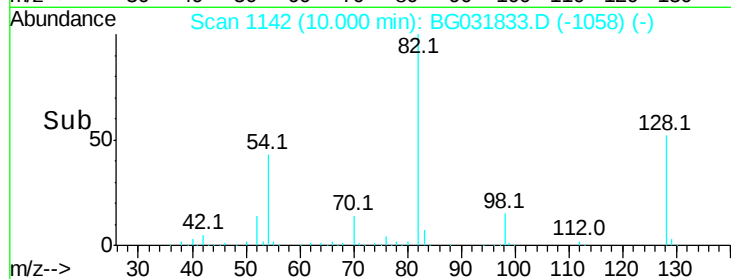
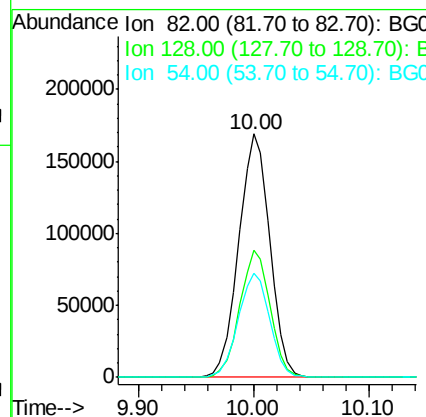
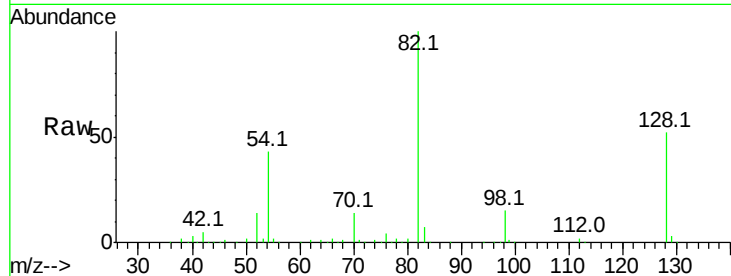




#23
Nitrobenzene-d5
Concen: 112.011 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

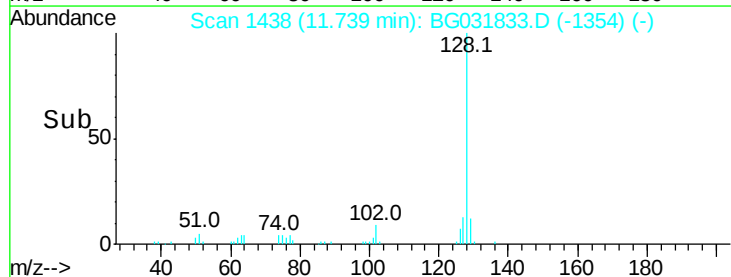
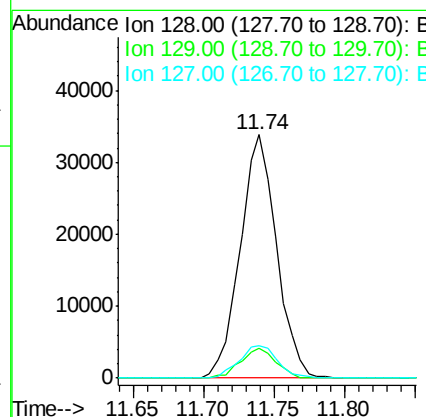
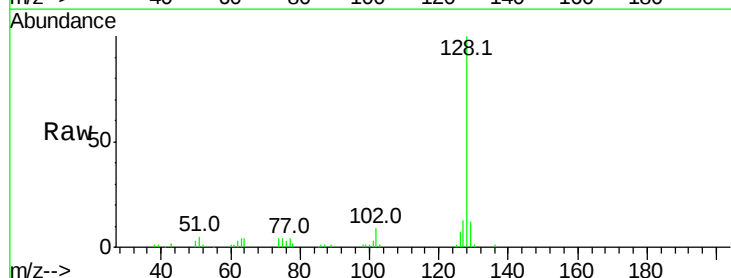
Instrument :
BNA_G
ClientSampleId :
OWS-1

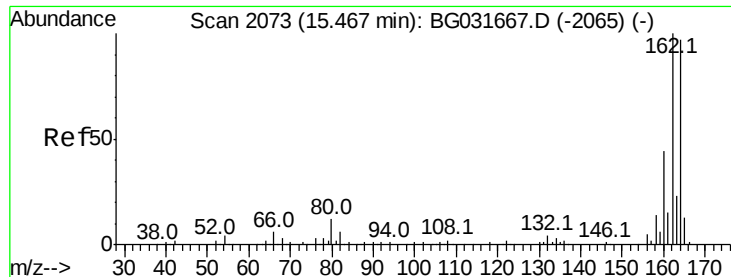
Tot Ion: 82 Resp: 314361
Ion Ratio Lower Upper
82 100
128 52.3 29.7 44.5#
54 42.7 43.1 64.7#



#31
Naphthalene
Concen: 5.694 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:128 Resp: 60898
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 13.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.04 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

Instrument :

BNA_G

ClientSampleId :

OWS-1

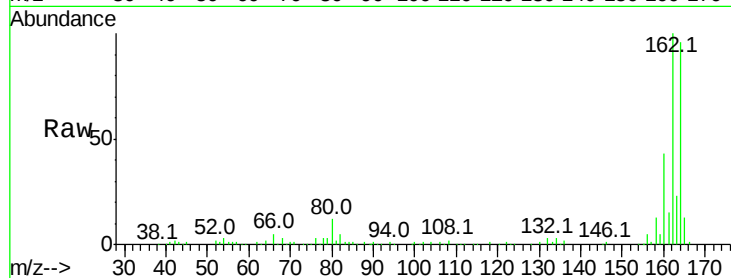
Tot Ion:164 Resp: 141736

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

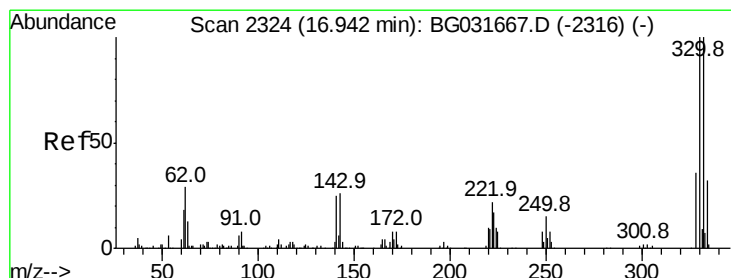
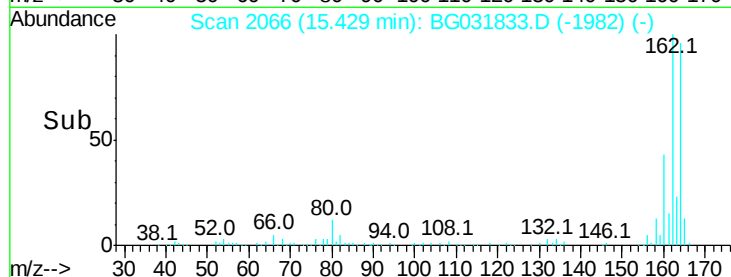
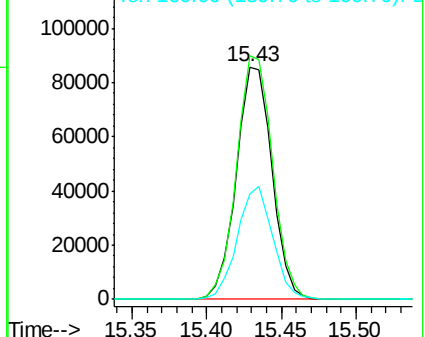
160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 173.293 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

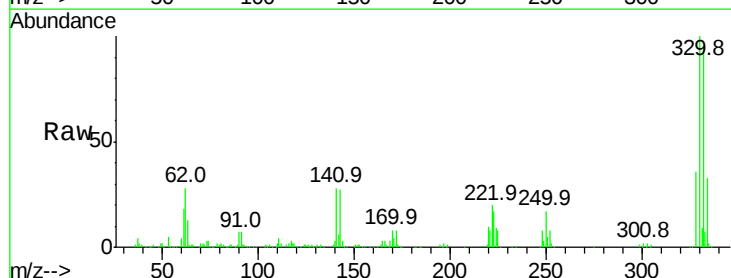
Tgt Ion:330 Resp: 374780

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

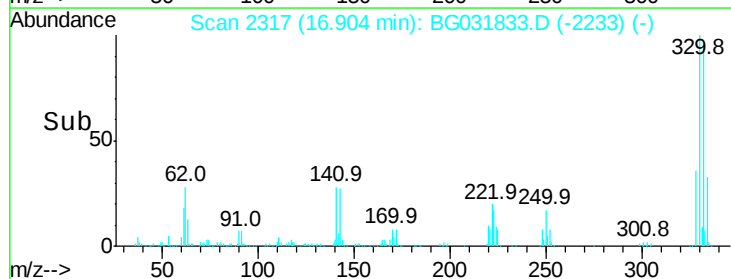
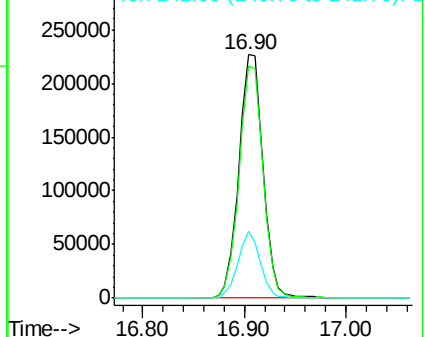
141 25.4 25.2 37.8



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

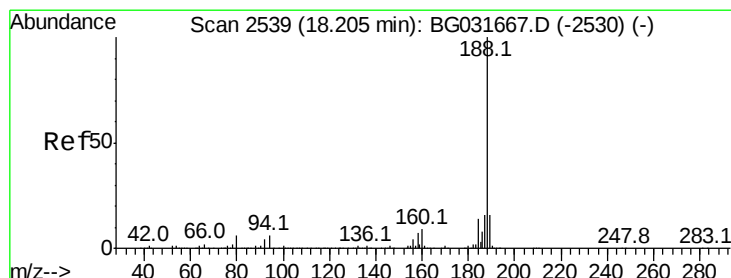
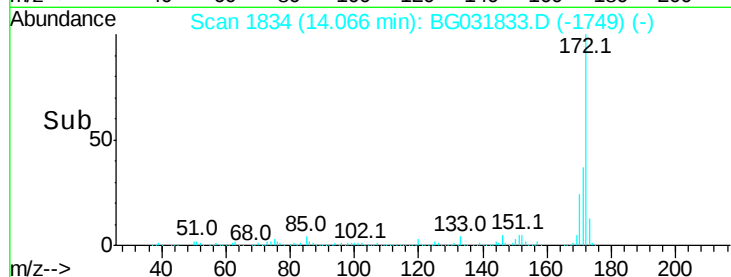
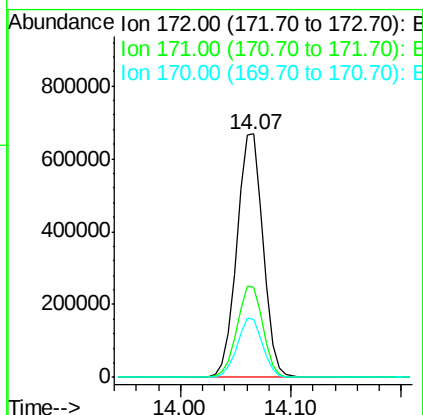
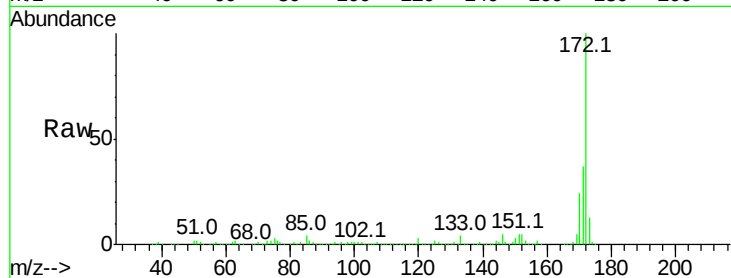




#44
2-Fluorobiphenyl
Concen: 98.590 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

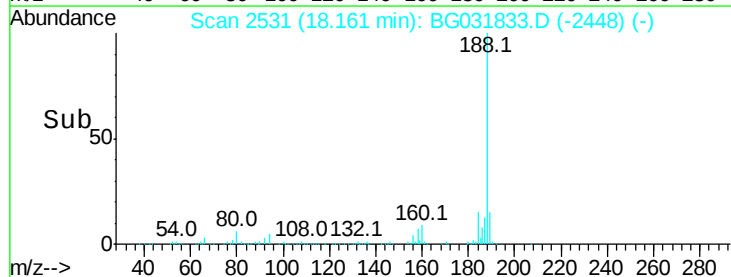
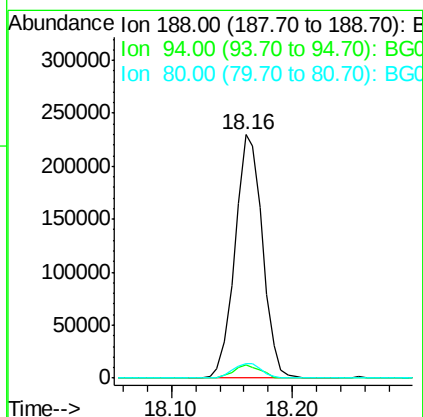
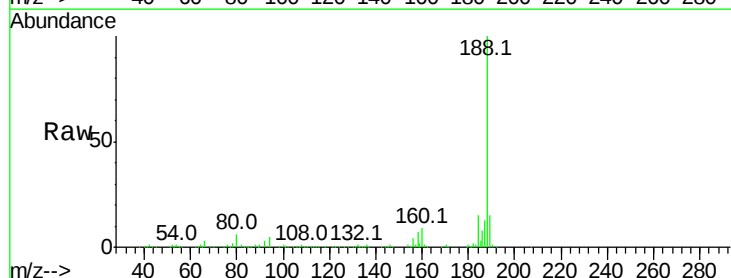
Instrument :
BNA_G
ClientSampleId :
OWS-1

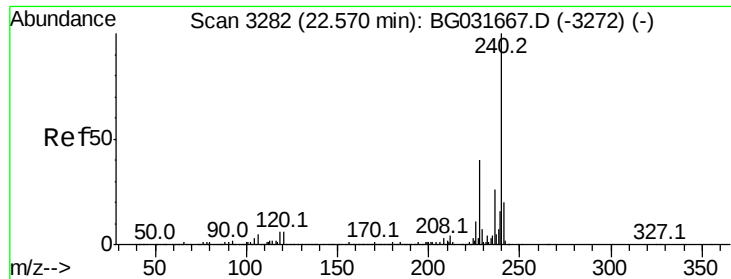
Tot Ion:172 Resp: 1113332
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 23.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:188 Resp: 363776
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.06 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

Instrument :

BNA_G

ClientSampleId :

OWS-1

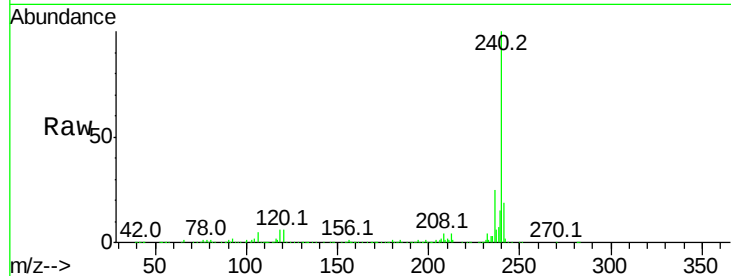
Tot Ion:240 Resp: 433988

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

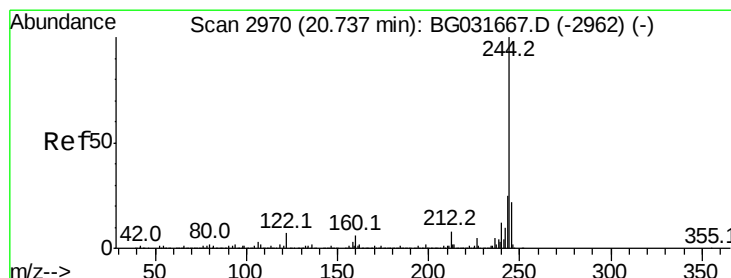
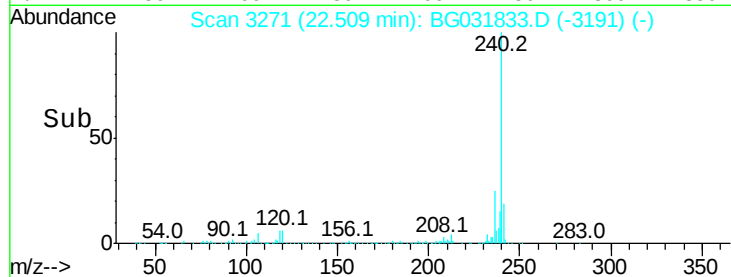
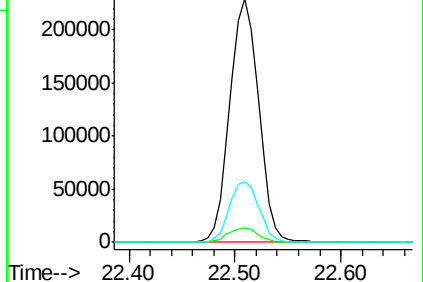
236 24.8 20.9 31.3



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: 102.356 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031833.D

Acq: 28 Dec 2017 20:04

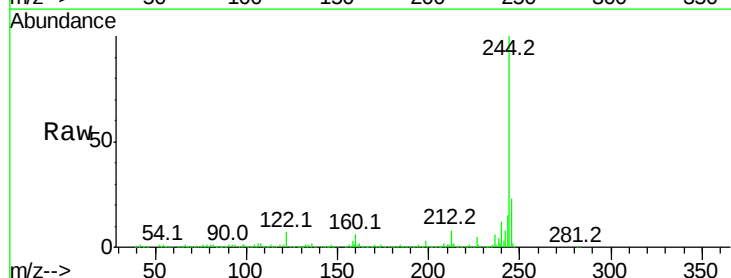
Tgt Ion:244 Resp: 1944335

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

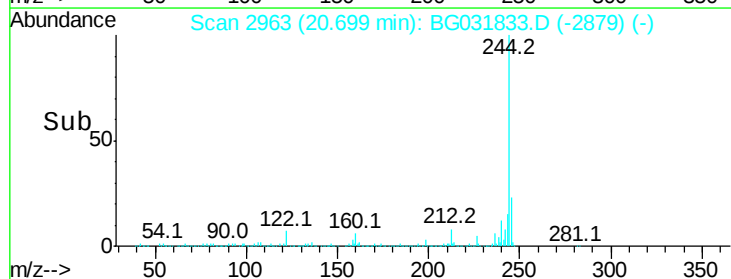
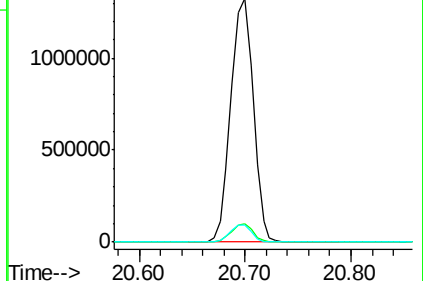
122 6.9 7.0 10.4#

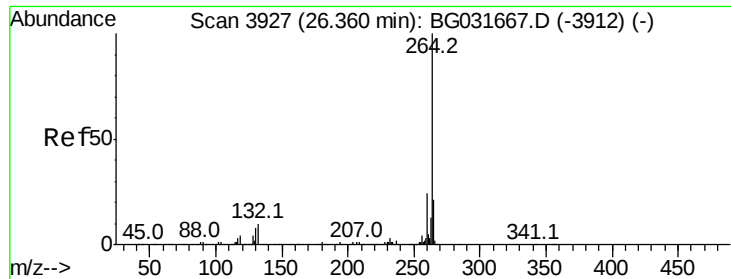


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031833.D
 Acq: 28 Dec 2017 20:04

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	22.0	17.7	26.5

