

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031340.D
 Acq On : 2 Dec 2017 5:45
 Operator : SJ/JU
 Sample : I6300-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112917

Quant Time: Dec 03 23:02:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

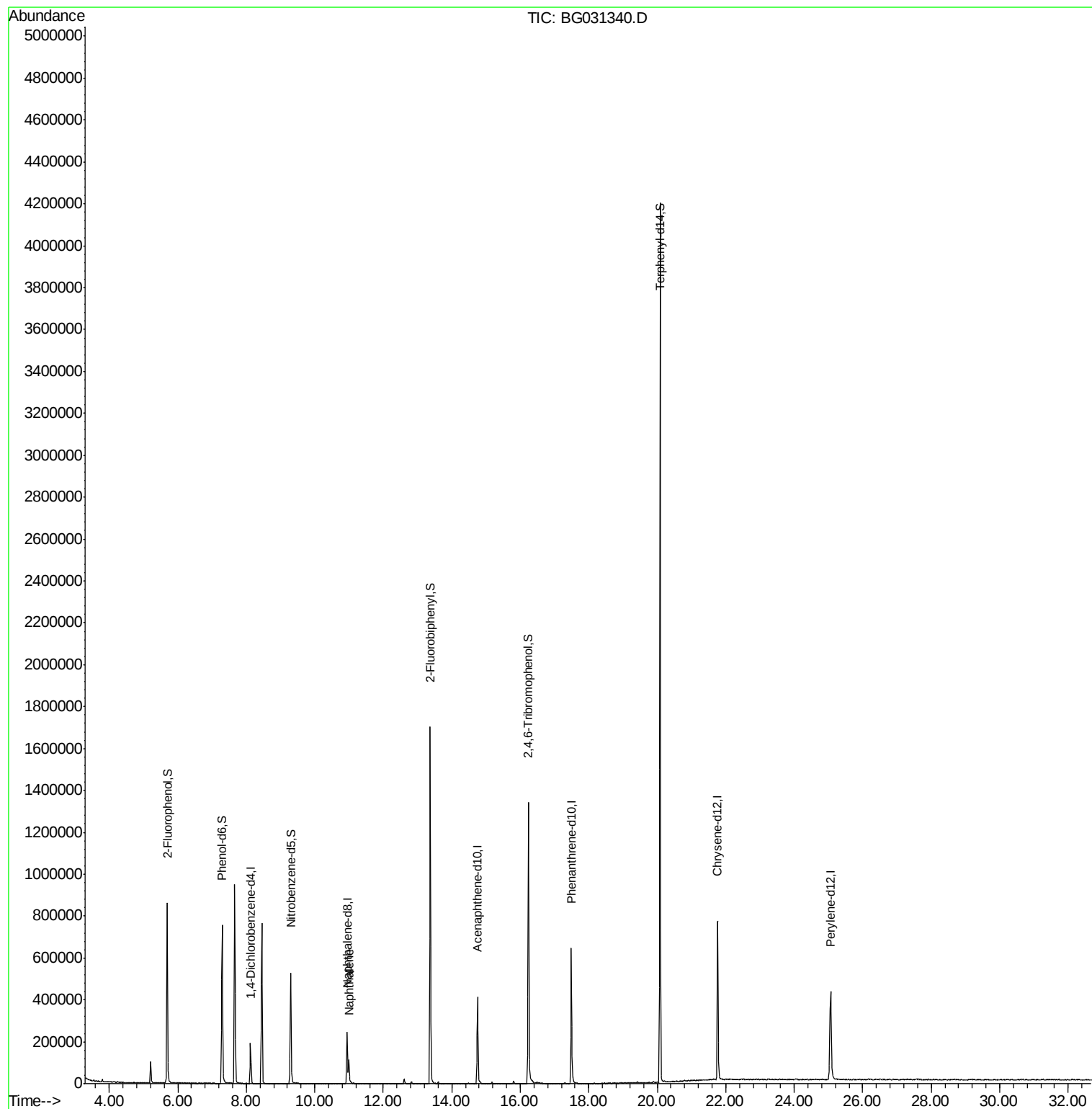
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61490	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	257449	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	166547	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	464234	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	550975	20.00	ng	-0.02
86) Perylene-d12	25.06	264	528403	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	448161	124.98	ng	-0.02
7) Phenol-d6	7.30	99	514229	106.44	ng	-0.01
23) Nitrobenzene-d5	9.30	82	372264	85.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	314124	116.59	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1044273	90.10	ng	-0.03
78) Terphenyl-d14	20.08	244	2132870	85.48	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	110922	8.76	ng	Qvalue 98

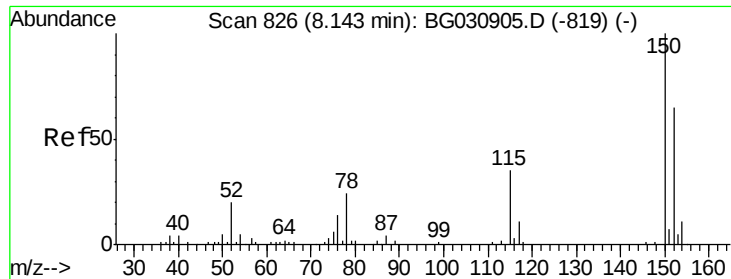
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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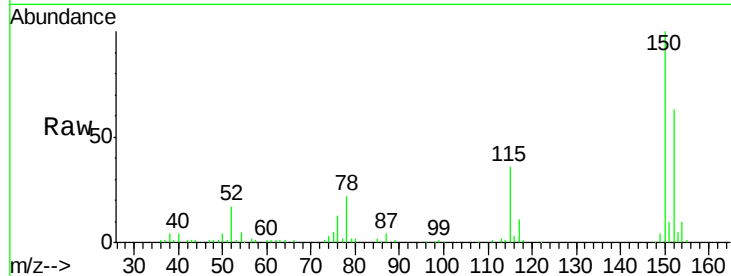


#1

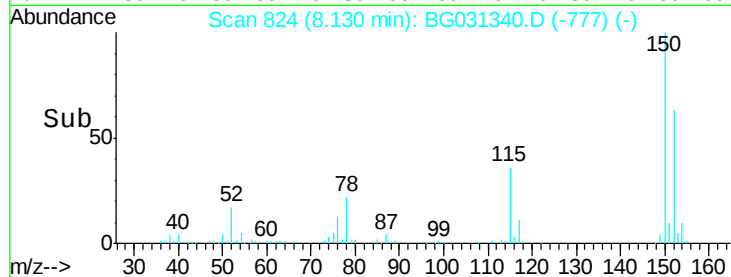
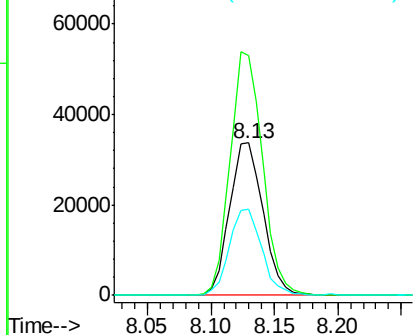
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Instrument :
BNA_G
ClientSampleId :
OR-02-112917

Tot Ion:152 Resp: 61490
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 56.8 53.0 79.4



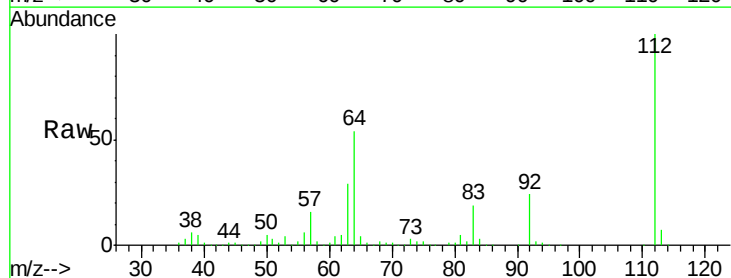
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



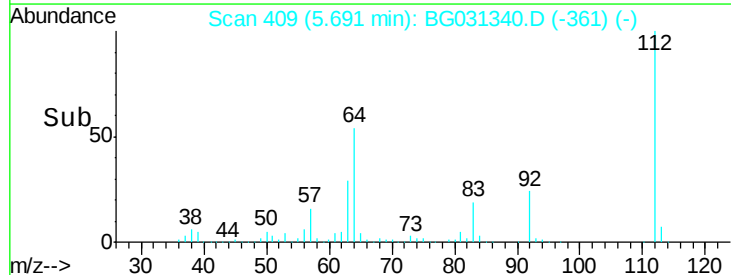
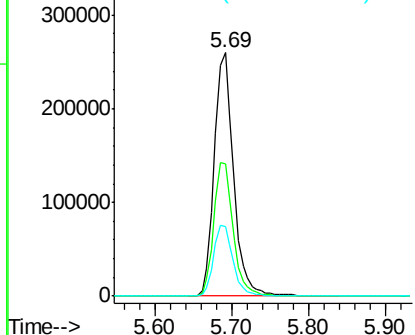
#5

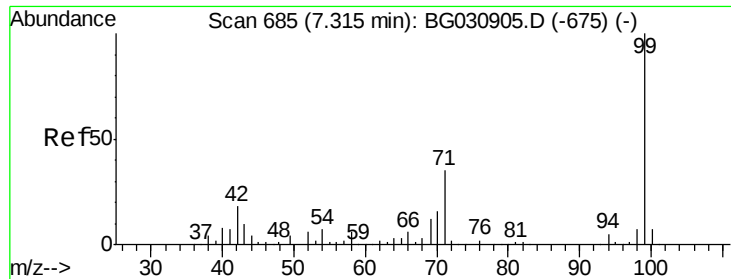
2-Fluorophenol
Concen: 124.98 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:112 Resp: 448161
Ion Ratio Lower Upper
112 100
64 54.2 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.44 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

OR-02-112917

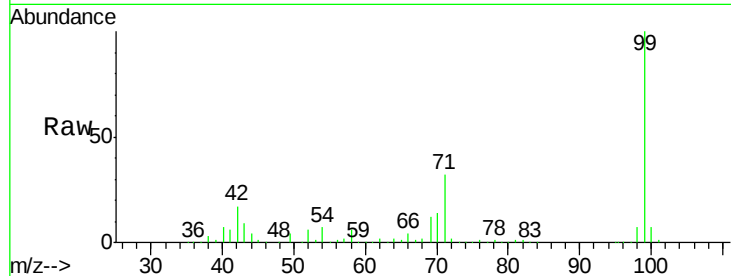
Tot Ion: 99 Resp: 514229

Ion Ratio Lower Upper

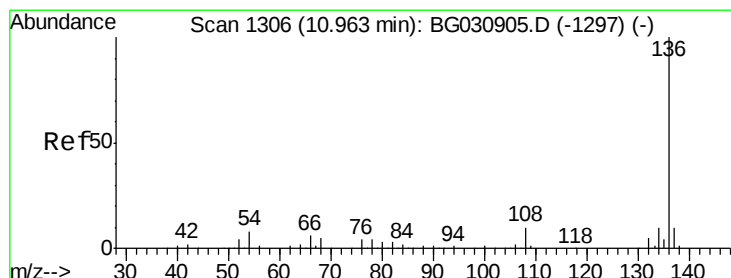
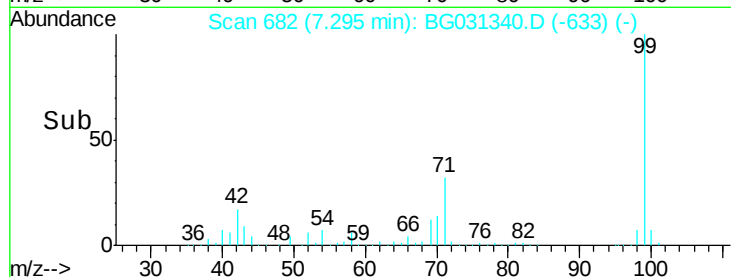
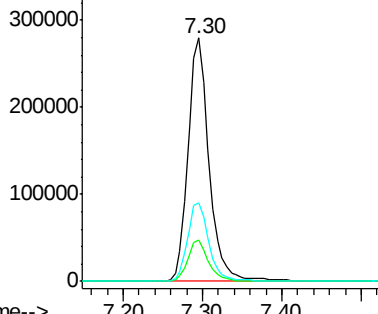
99 100

42 17.3 14.1 21.1

71 32.3 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Tgt Ion: 136 Resp: 257449

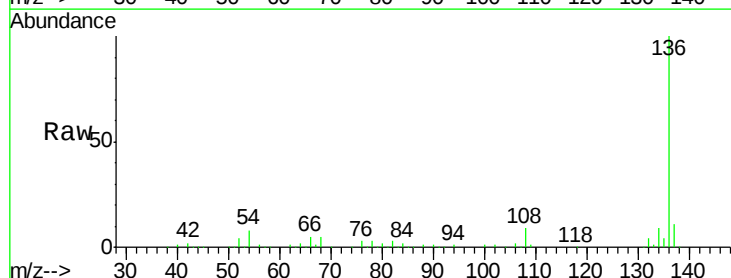
Ion Ratio Lower Upper

136 100

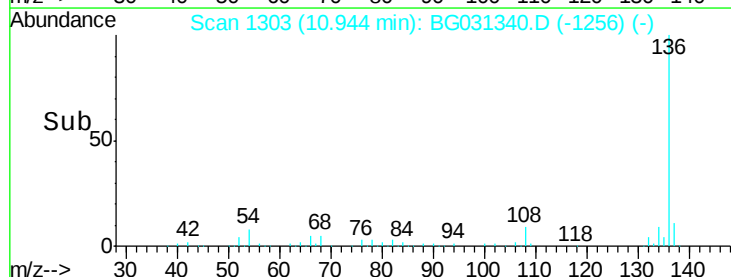
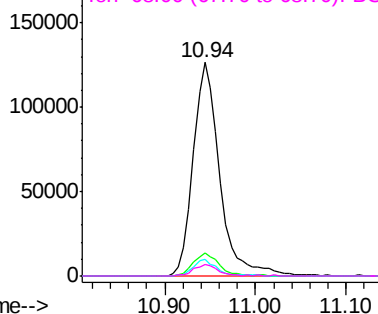
137 10.5 9.2 13.8

54 7.9 10.3 15.5#

68 5.4 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

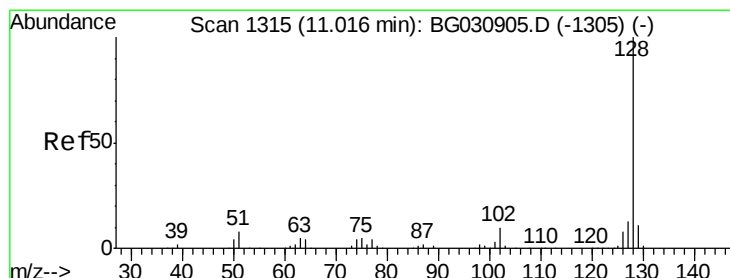
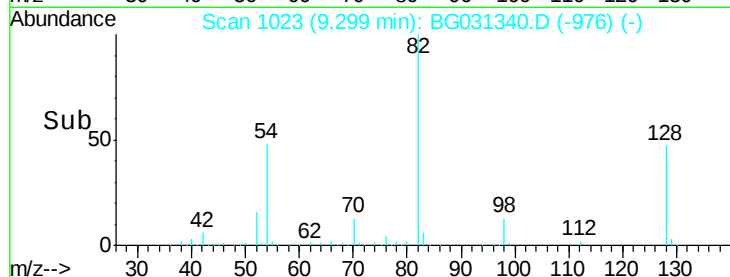
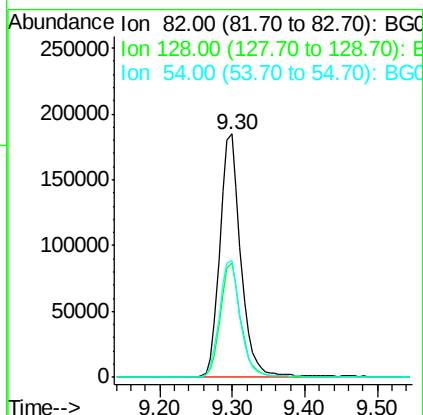
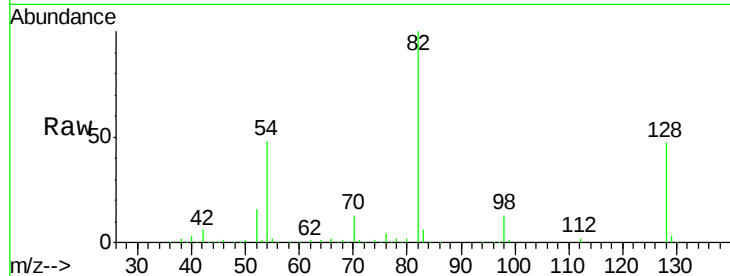




#23
Nitrobenzene-d5
Concen: 85.68 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

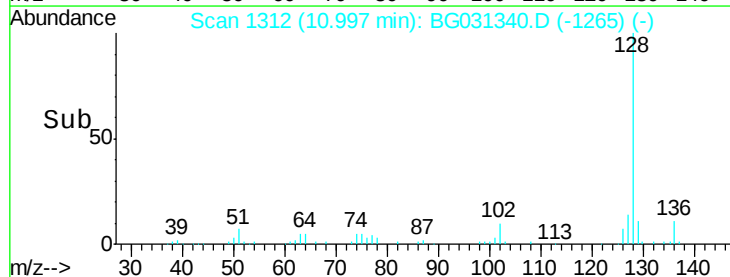
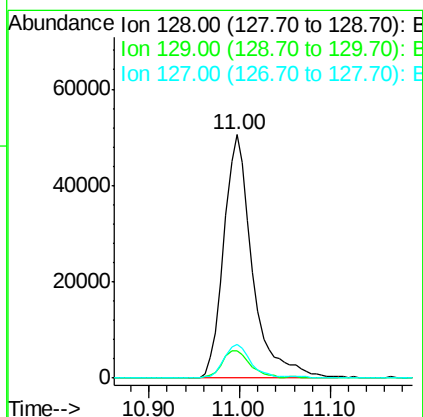
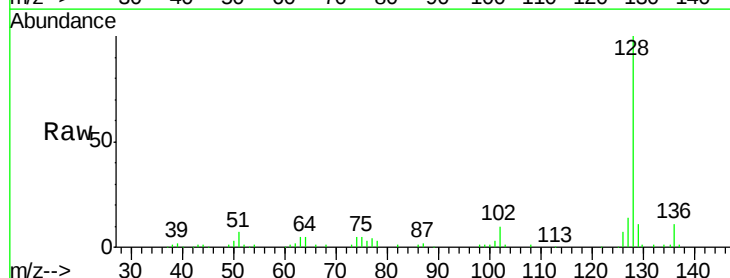
Instrument :
BNA_G
ClientSampleId :
OR-02-112917

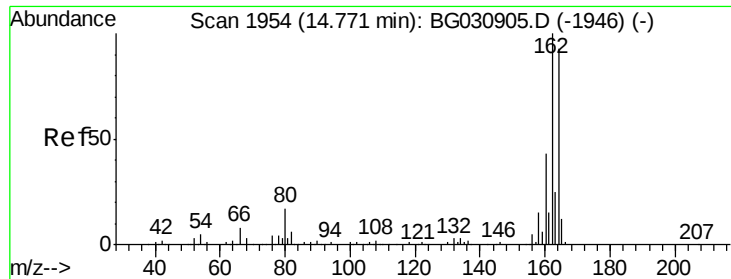
Tot Ion	82	Resp	372264
Ion Ratio	Lower	Upper	
82	100		
128	46.9	29.7	44.5#
54	48.1	43.1	64.7



#31
Naphthalene
Concen: 8.76 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion	128	Resp	110922
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	13.8	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

OR-02-112917

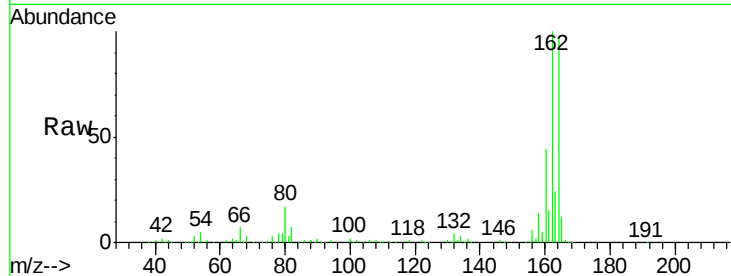
Tot Ion:164 Resp: 166547

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

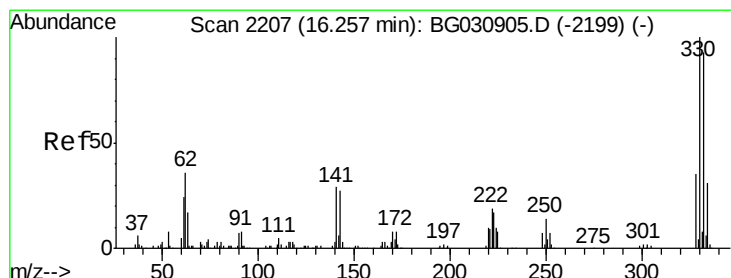
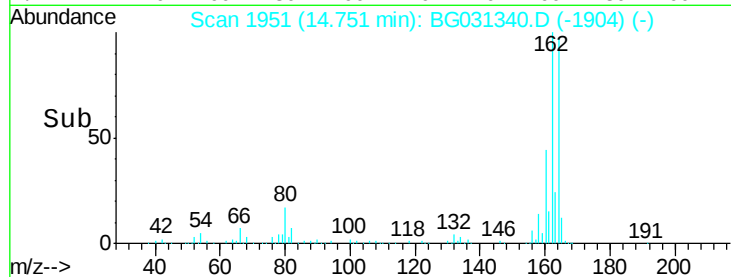
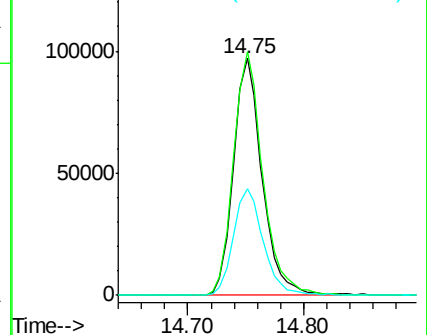
160 44.8 35.4 53.0



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: 116.59 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

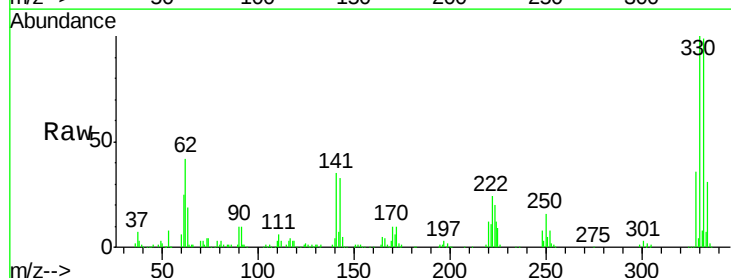
Tgt Ion:330 Resp: 314124

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

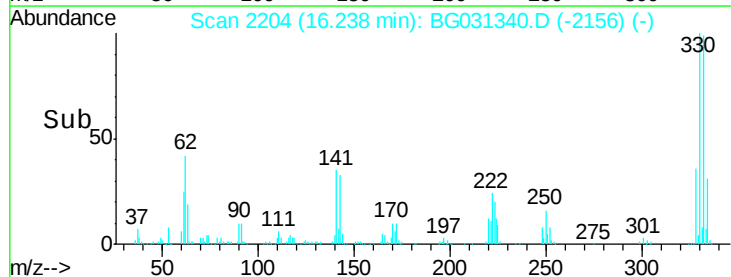
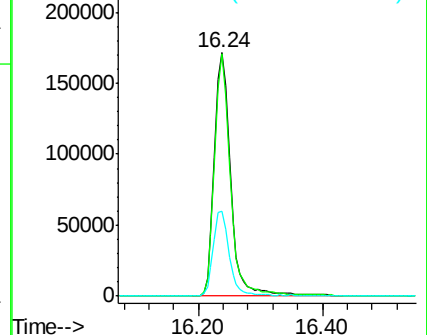
141 33.6 25.2 37.8

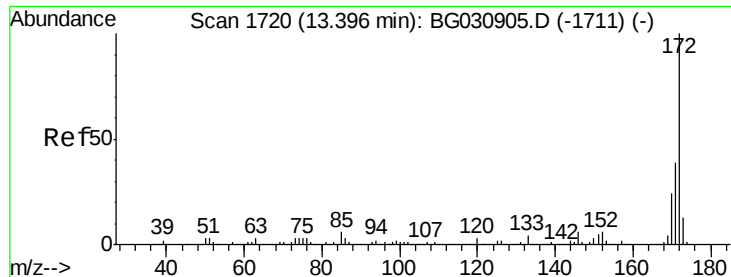


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



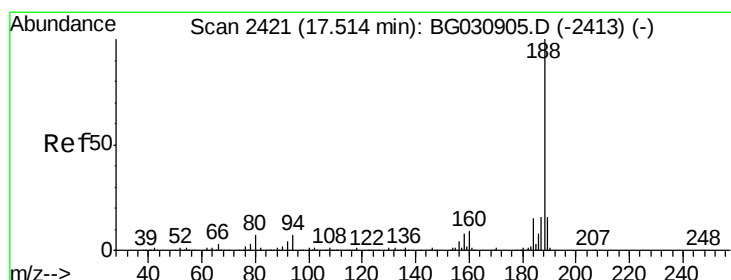
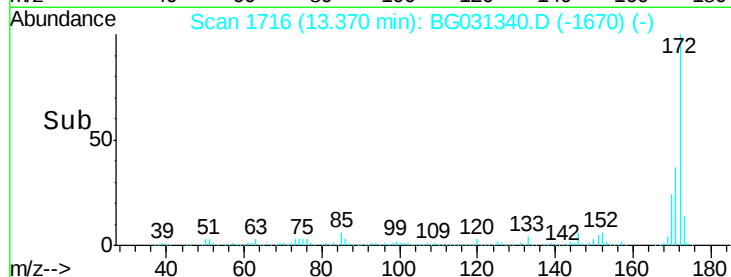
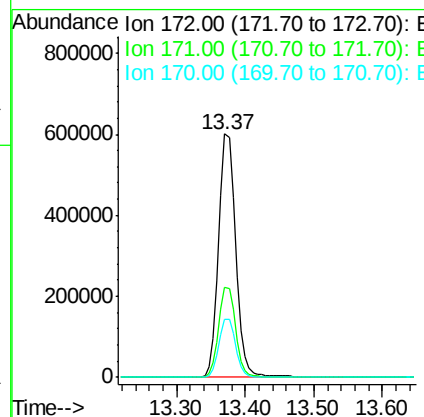
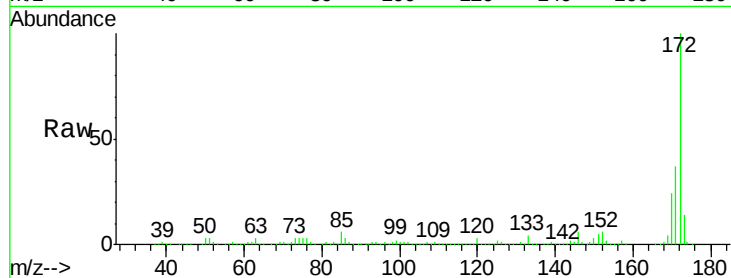


#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112917

Tot Ion:172 Resp: 1044273

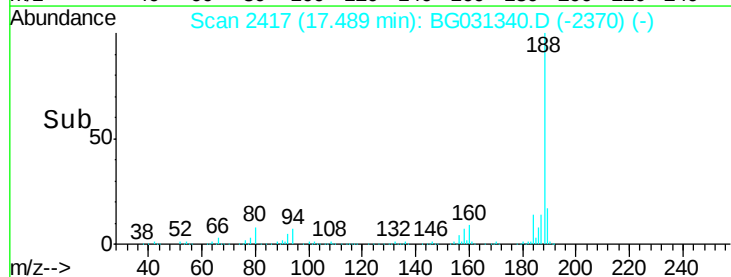
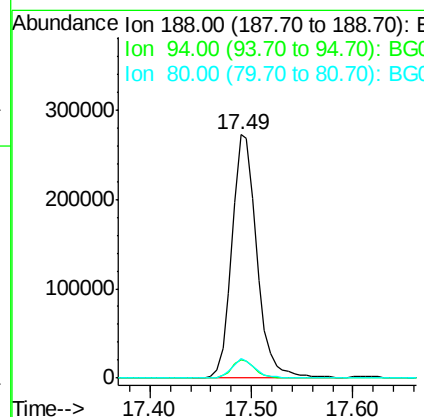
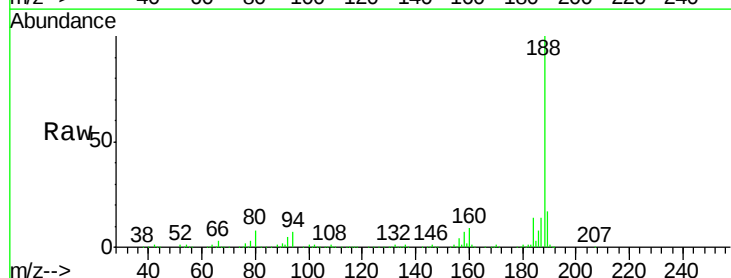
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.1	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

Tgt Ion:188 Resp: 464234

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.0	7.7	11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

OR-02-112917

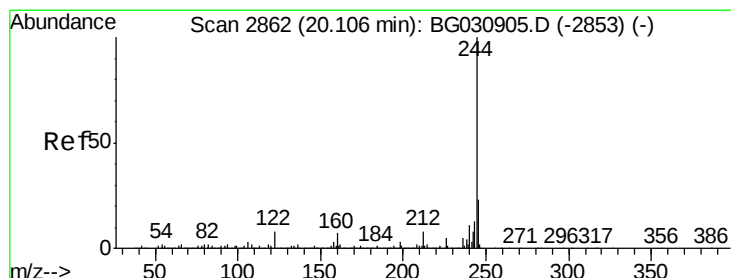
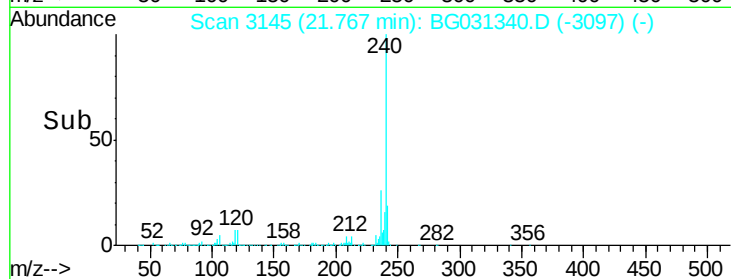
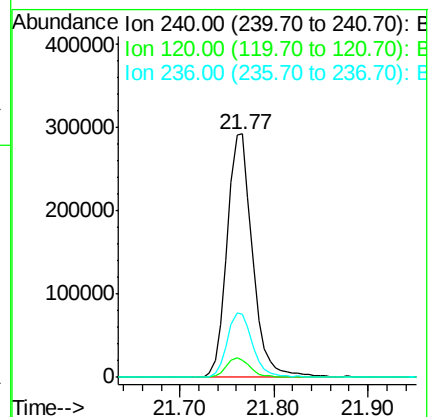
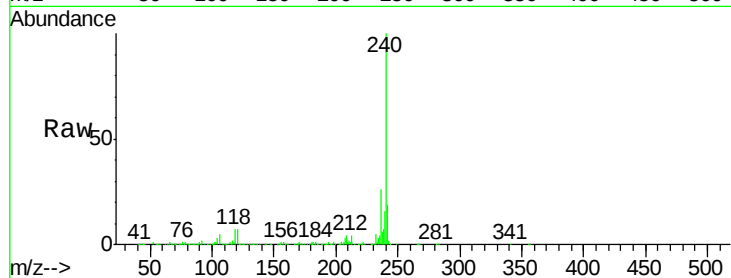
Tot Ion:240 Resp: 550975

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

236 25.9 20.9 31.3



#78

Terphenyl-d14

Concen: 85.48 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

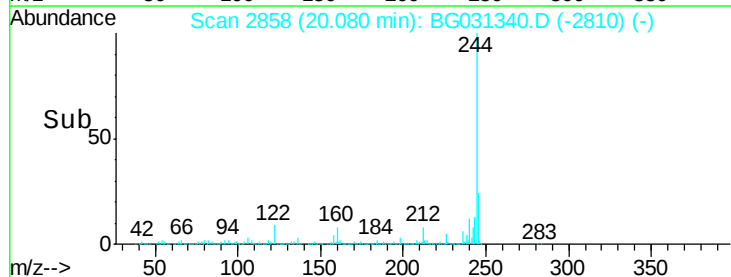
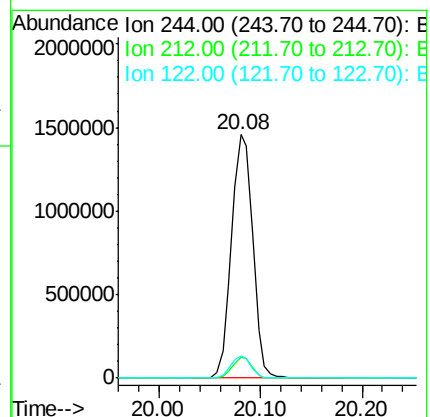
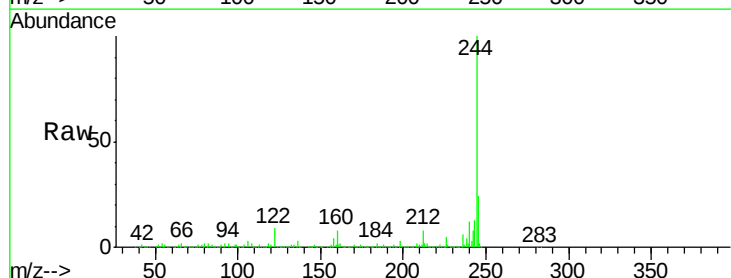
Tgt Ion:244 Resp: 2132870

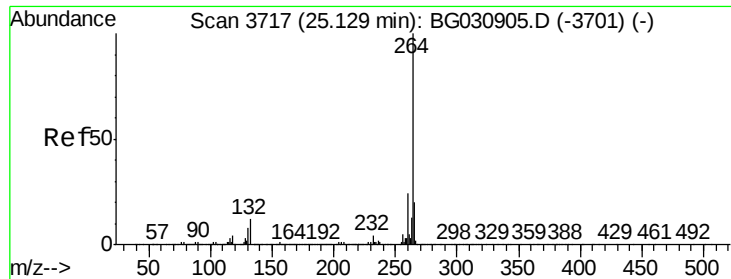
Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 8.9 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Instrument :
BNA_G
ClientSampleId :
OR-02-112917

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.3	17.7	26.5

