

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031352.D
 Acq On : 4 Dec 2017 18:38
 Operator : SJ/JU
 Sample : PB104670TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104670TB

Quant Time: Dec 05 04:16:51 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	8.12	152	63303	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	267242	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	168164	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	450984	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	563124	20.00	ng	-0.02
86) Perylene-d12	25.06	264	539508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	501988	135.98	ng	-0.02
7) Phenol-d6	7.29	99	633462	127.37	ng	-0.01
23) Nitrobenzene-d5	9.29	82	360757	79.99	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	286276	105.24	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1048159	89.56	ng	-0.03
78) Terphenyl-d14	20.08	244	2018715	79.16	ng	-0.02

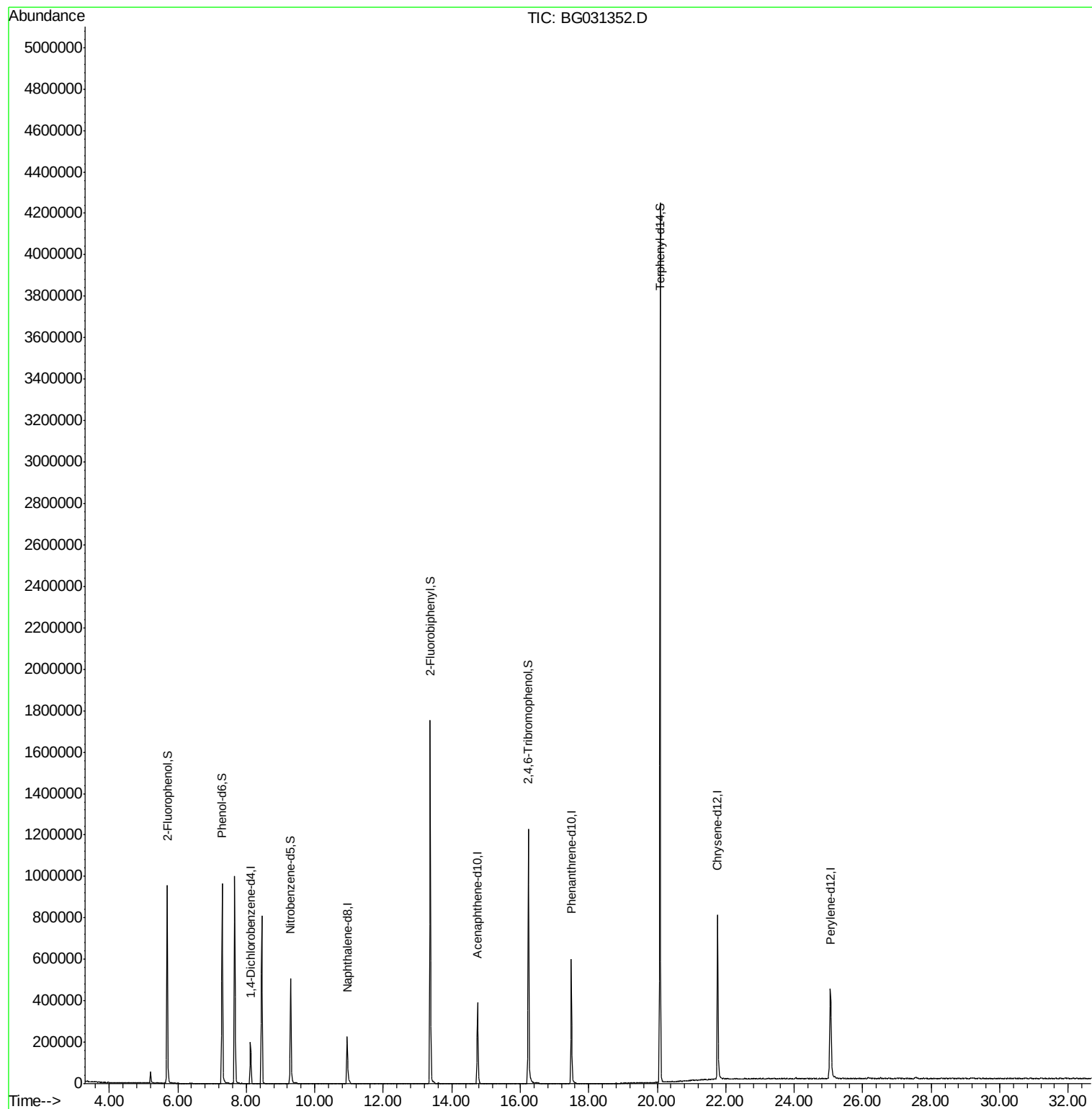
Target Compounds Qvalue

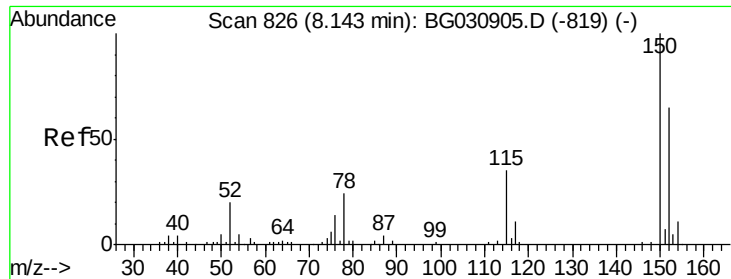
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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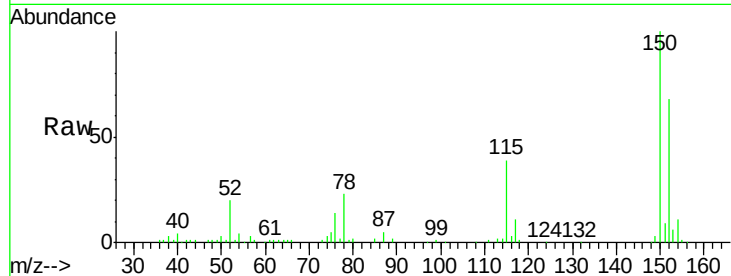


#1

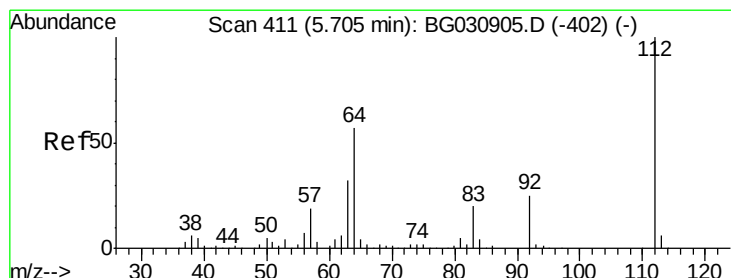
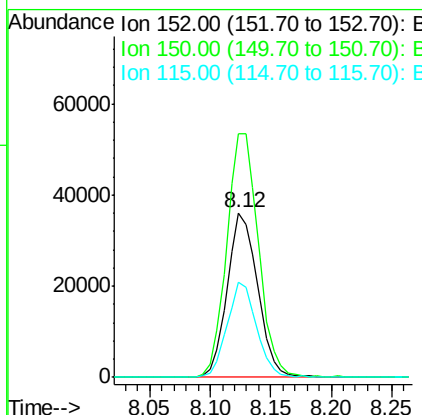
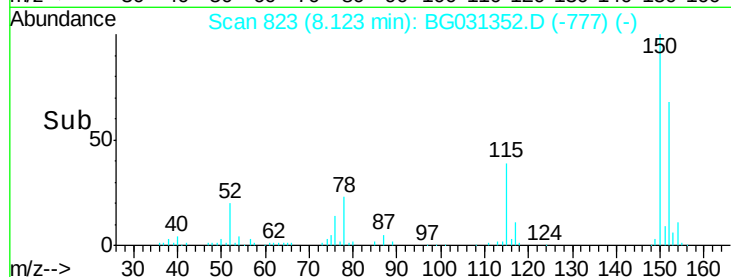
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031352.D
Acq: 4 Dec 2017 18:38

Instrument :
BNA_G
ClientSampleId :
PB104670TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	58.2	53.0	79.4



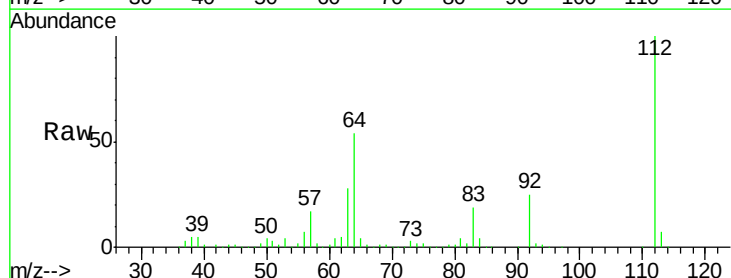
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



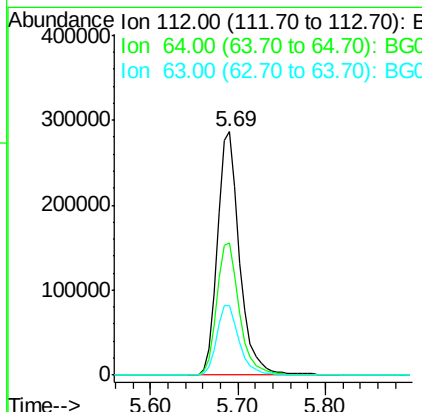
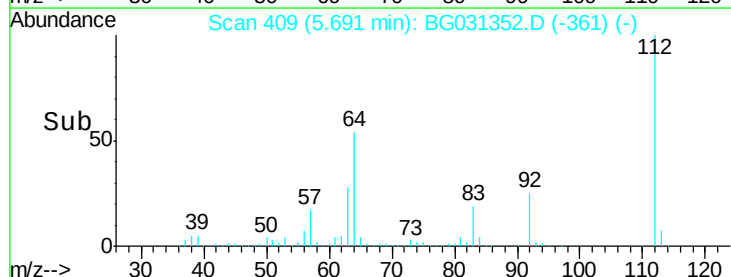
#5

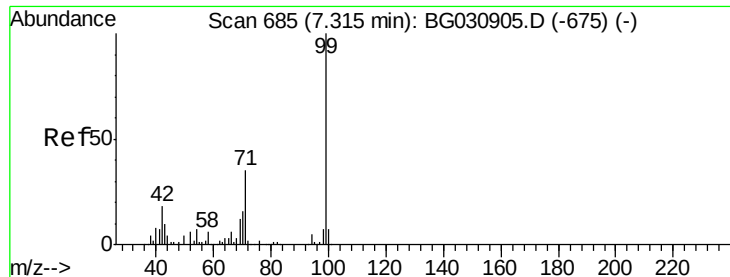
2-Fluorophenol
Concen: 135.98 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031352.D
Acq: 4 Dec 2017 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	56.3	84.5#
63	28.4	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: 127.37 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031352.D

Acq: 4 Dec 2017 18:38

Instrument :

BNA_G

ClientSampleId :

PB104670TB

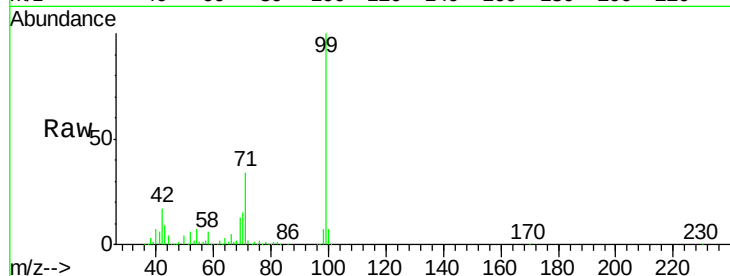
Tot Ion: 99 Resp: 633462

Ion Ratio Lower Upper

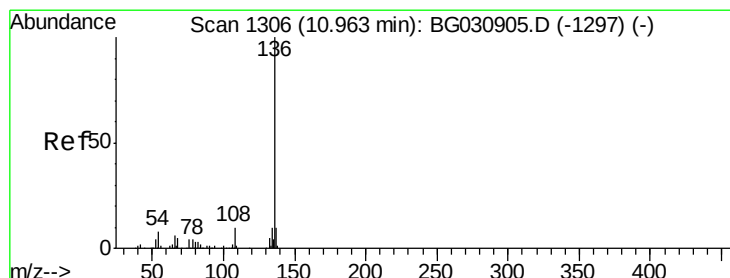
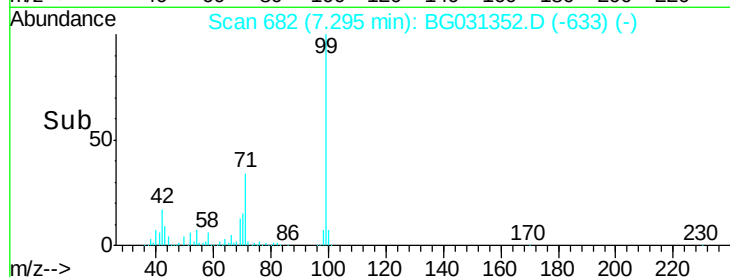
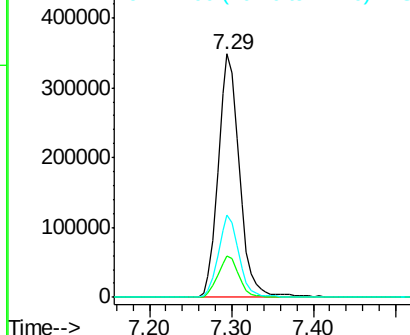
99 100

42 17.3 14.1 21.1

71 34.0 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: BG031352.D

Acq: 4 Dec 2017 18:38

Tgt Ion: 136 Resp: 267242

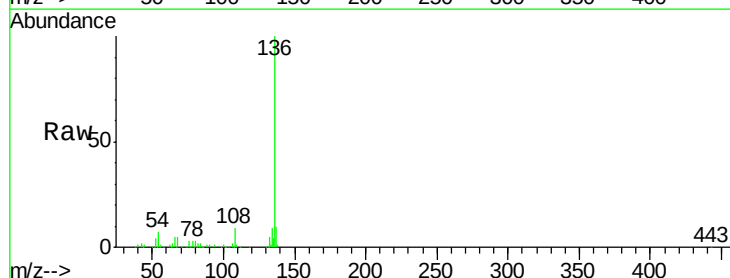
Ion Ratio Lower Upper

136 100

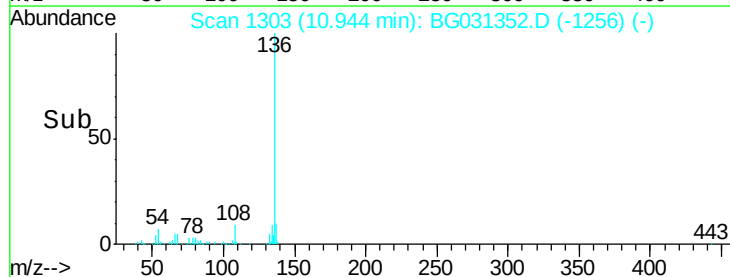
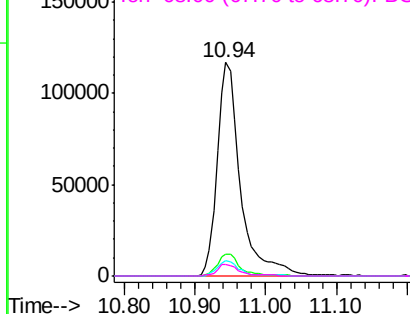
137 10.4 9.2 13.8

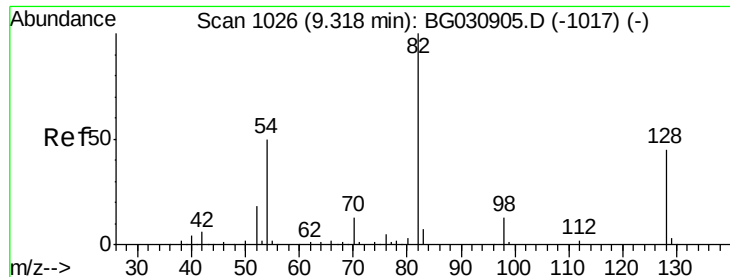
54 7.1 10.3 15.5#

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

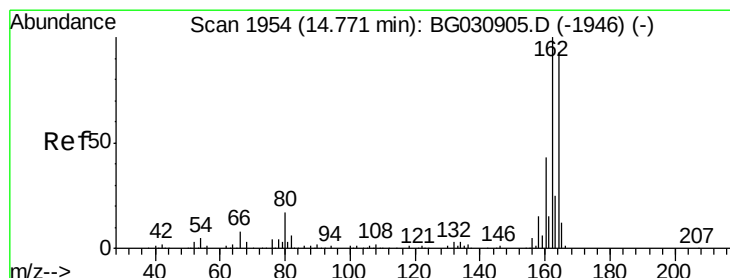
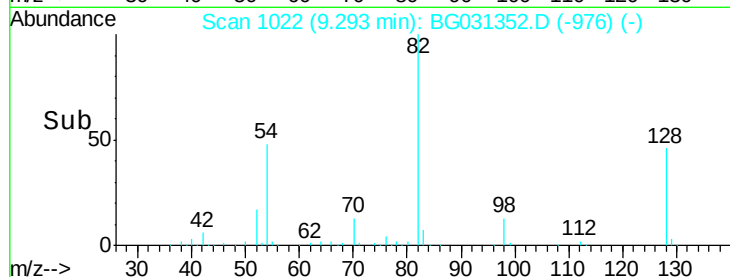
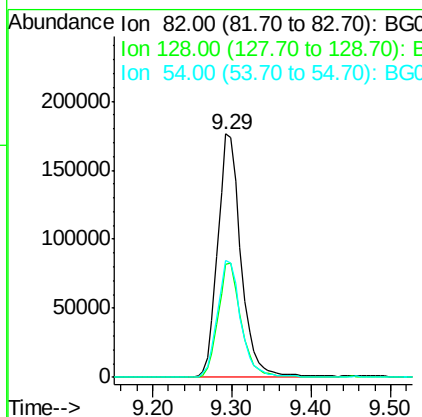
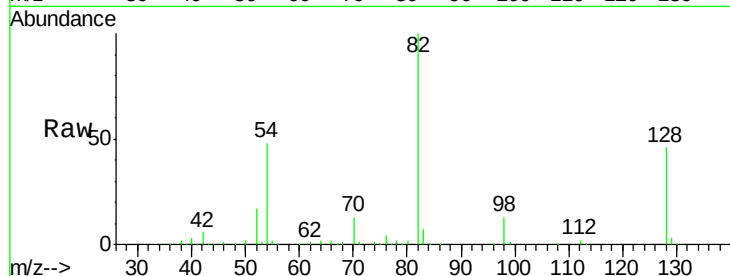




#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031352.D
 Acq: 4 Dec 2017 18:38

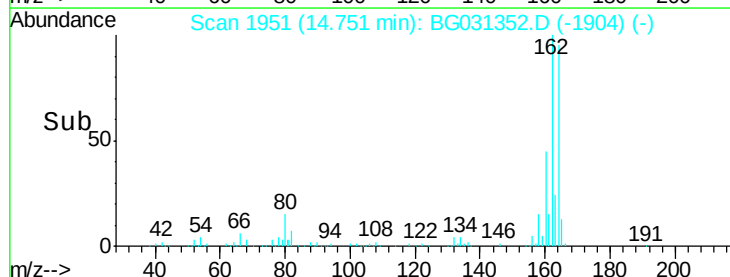
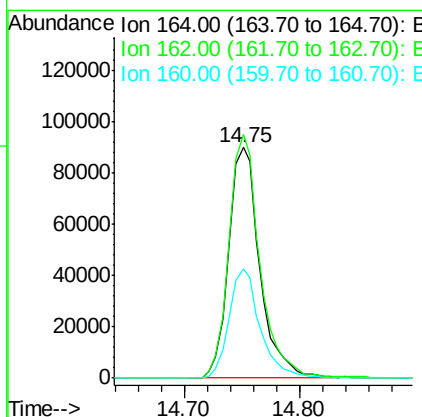
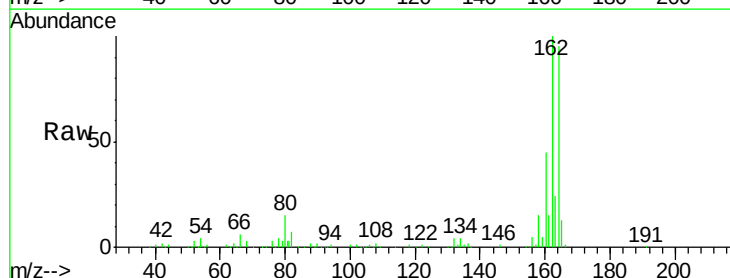
Instrument :
 BNA_G
 ClientSampleID :
 PB104670TB

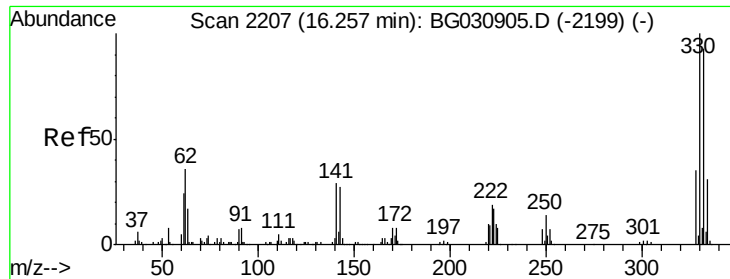
Tot Ion	82	Resp	360757
Ion Ratio	100	Lower	Upper
128	46.5	29.7	44.5#
54	48.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031352.D
 Acq: 4 Dec 2017 18:38

Tgt Ion	164	Resp	168164
Ion Ratio	100	Lower	Upper
162	105.7	78.8	118.2
160	47.6	35.4	53.0

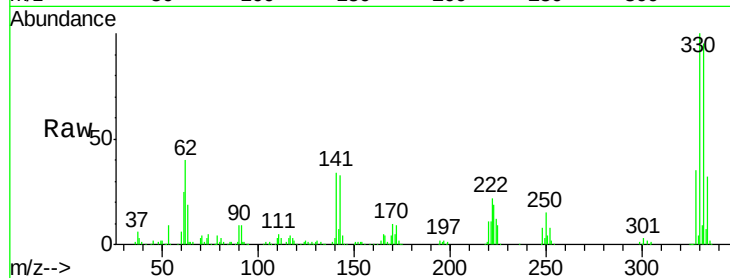




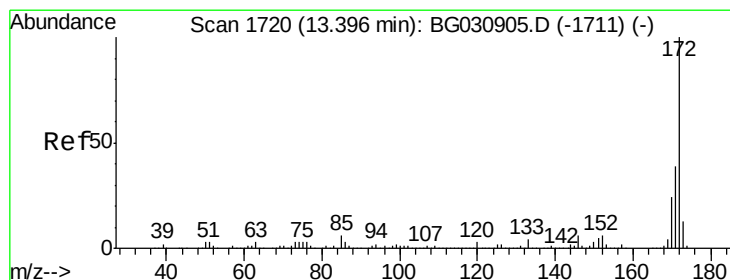
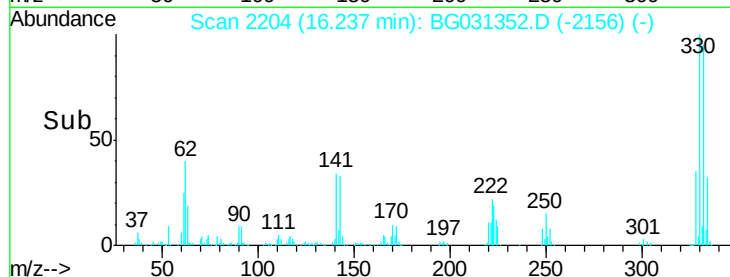
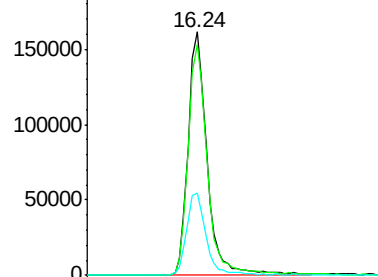
#41
 2,4,6-Tribromophenol
 Concen: 105.24 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031352.D
 Acq: 4 Dec 2017 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB104670TB

Tot Ion:330 Resp: 286276
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 34.2 25.2 37.8

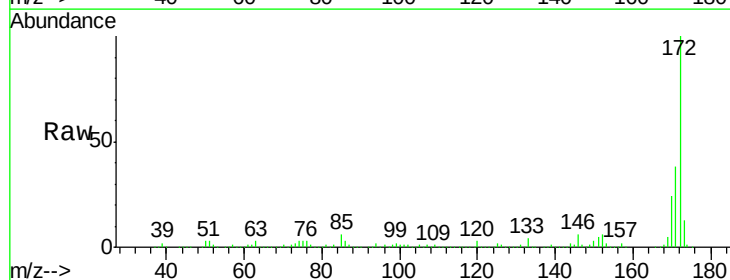


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

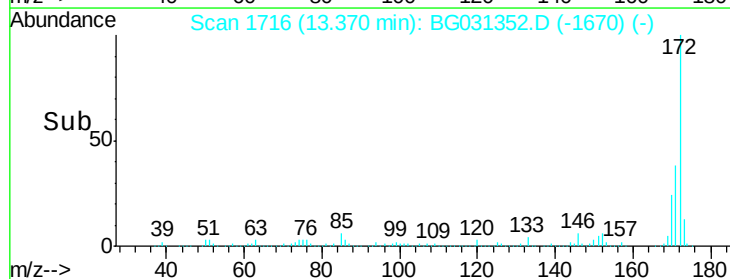
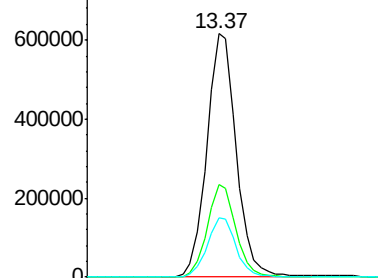


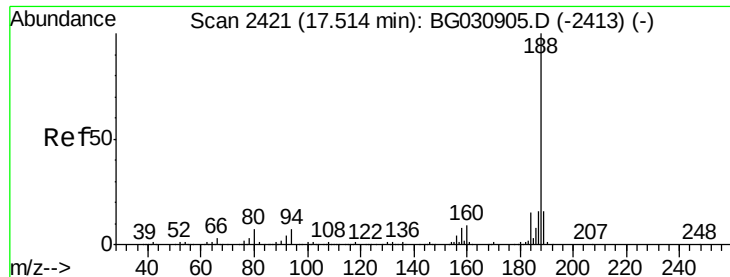
#44
 2-Fluorobiphenyl
 Concen: 89.56 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031352.D
 Acq: 4 Dec 2017 18:38

Tgt Ion:172 Resp: 1048159
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.5 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

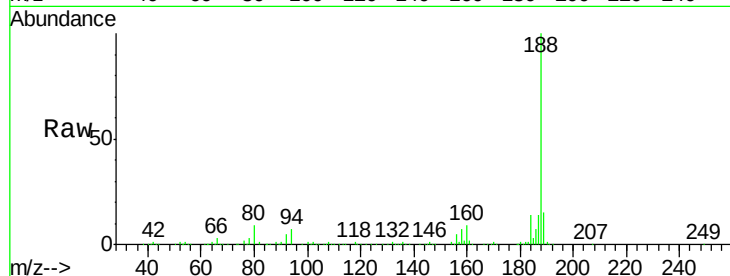




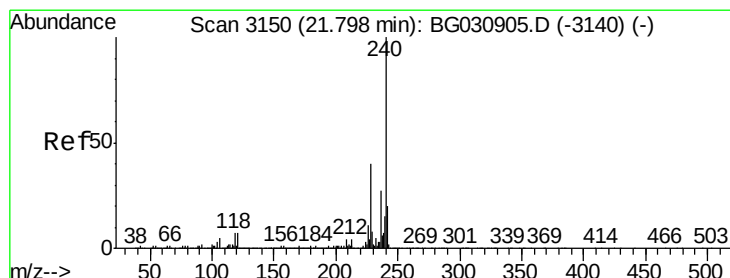
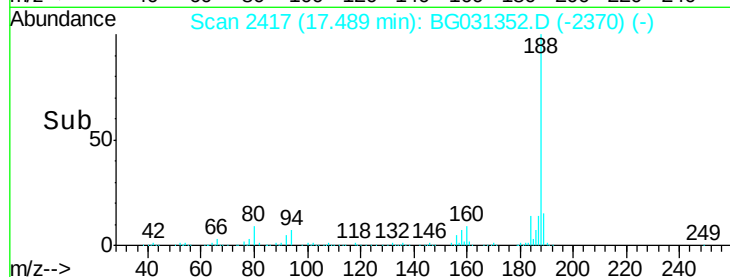
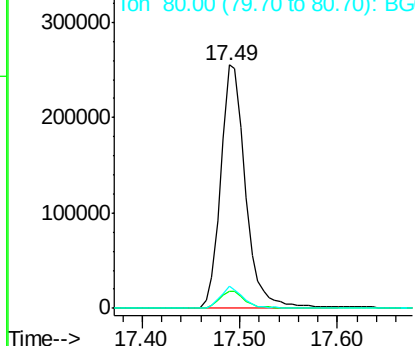
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031352.D
Acq: 4 Dec 2017 18:38

Instrument :
BNA_G
ClientSampleId :
PB104670TB

Tot Ion:188 Resp: 450984
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.9 7.7 11.5

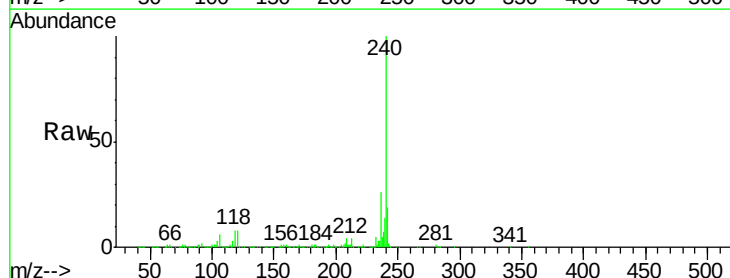


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

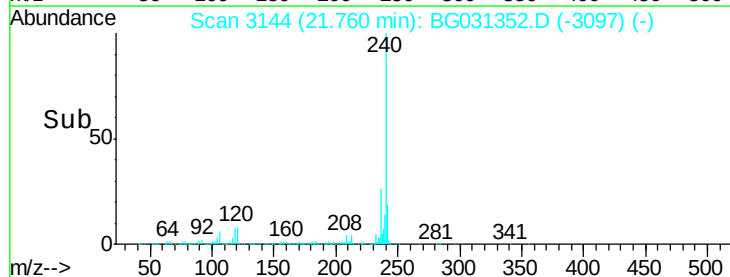
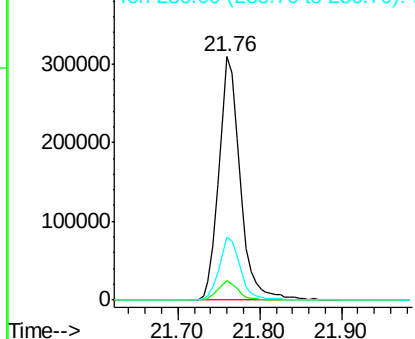


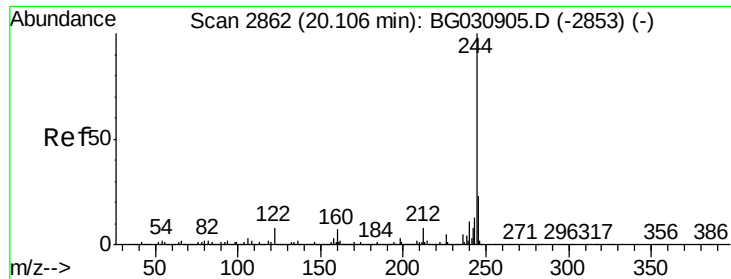
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031352.D
Acq: 4 Dec 2017 18:38

Tgt Ion:240 Resp: 563124
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.7 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: 79.16 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031352.D

Acq: 4 Dec 2017 18:38

Instrument :

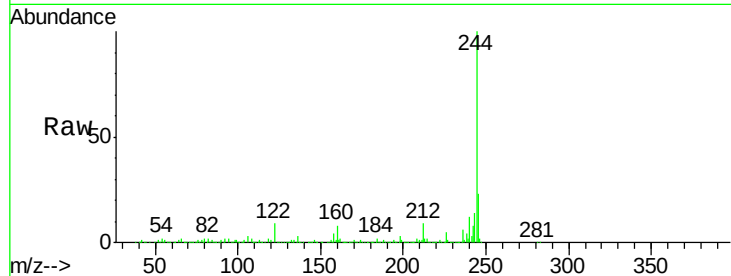
BNA_G

ClientSampleId :

PB104670TB

Tot Ion:244 Resp: 2018715

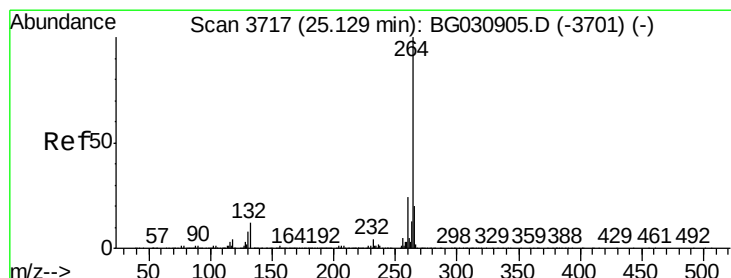
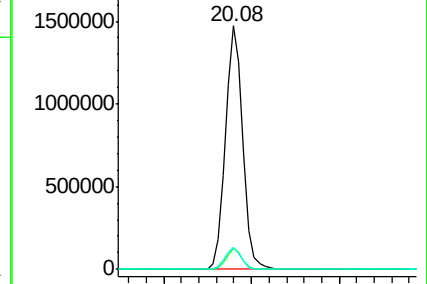
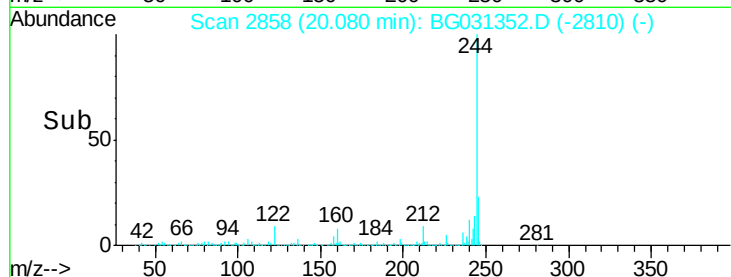
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.4	7.0	10.4



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

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3705

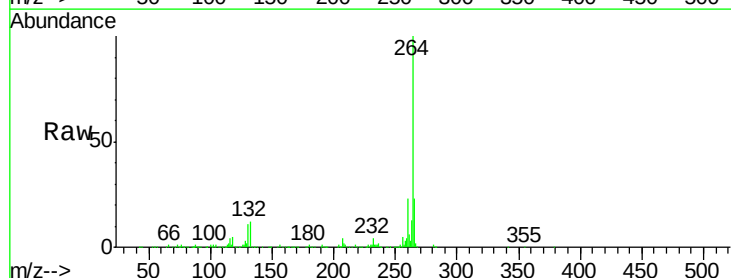
Delta R.T. -0.04 min

Lab File: BG031352.D

Acq: 4 Dec 2017 18:38

Tgt Ion:264 Resp: 539508

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	23.3	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

