

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031400.D
 Acq On : 7 Dec 2017 16:02
 Operator : SJ/JU
 Sample : PB104796BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104796BL

Quant Time: Dec 07 19:53:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44521	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	193628	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	133831	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	410764	20.00	ng	0.00
75) Chrysene-d12	21.77	240	501962	20.00	ng	0.00
86) Perylene-d12	25.06	264	489002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	339406	130.72	ng	0.00
7) Phenol-d6	7.29	99	446170	127.56	ng	0.00
23) Nitrobenzene-d5	9.29	82	261501	80.03	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	241233	111.43	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	786518	84.45	ng	0.00
78) Terphenyl-d14	20.08	244	1803626	79.34	ng	0.00

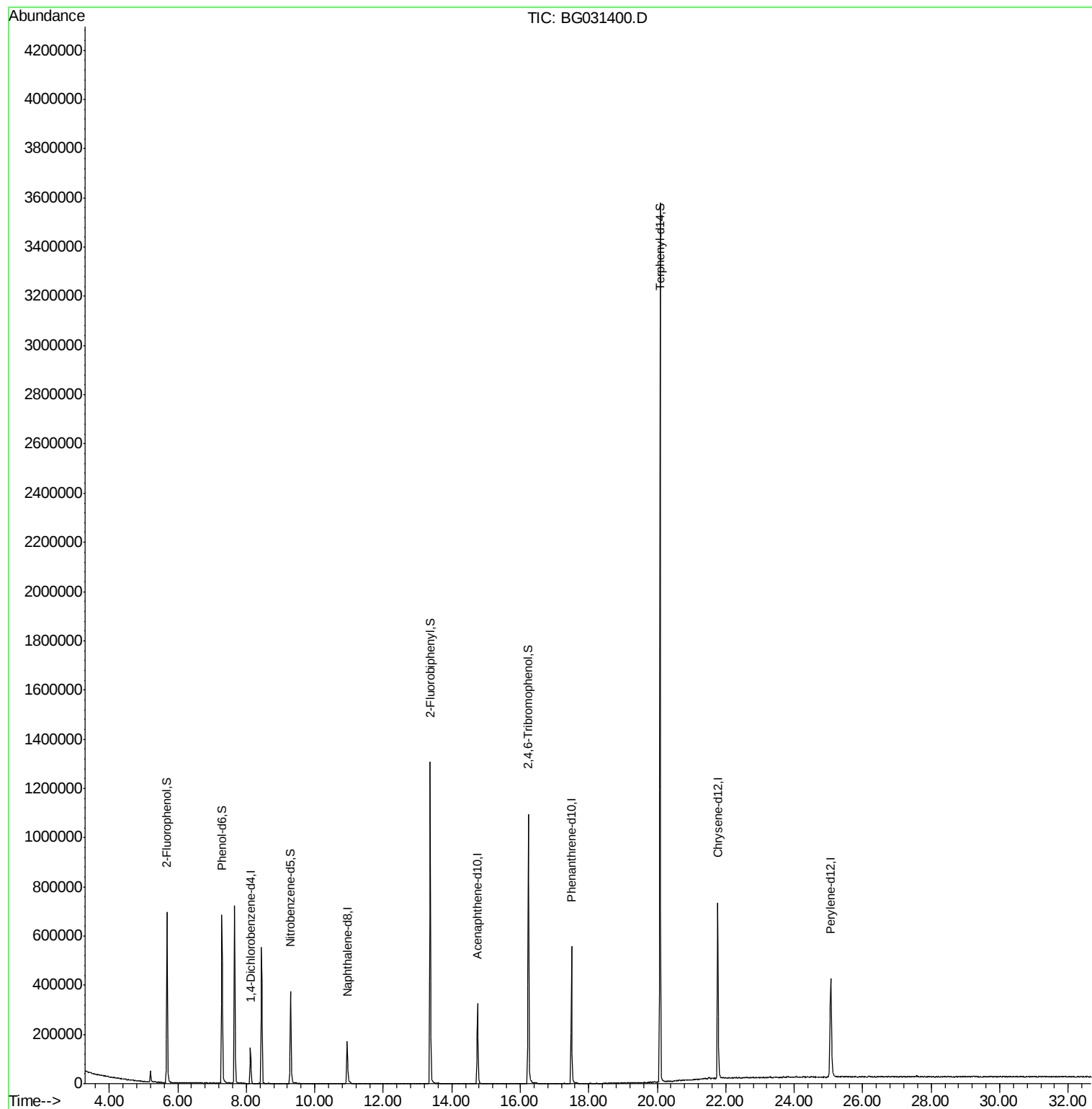
Target Compounds Qvalue

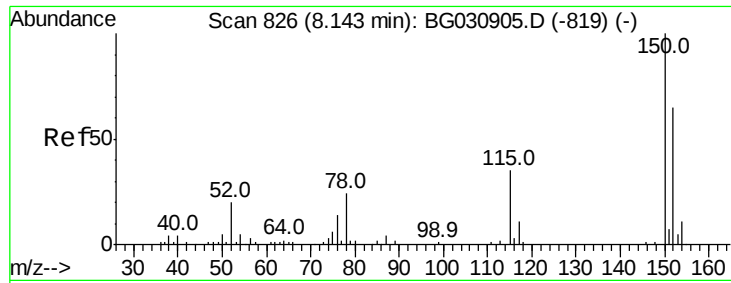
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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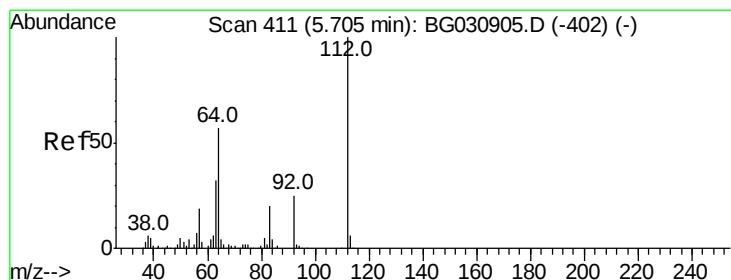
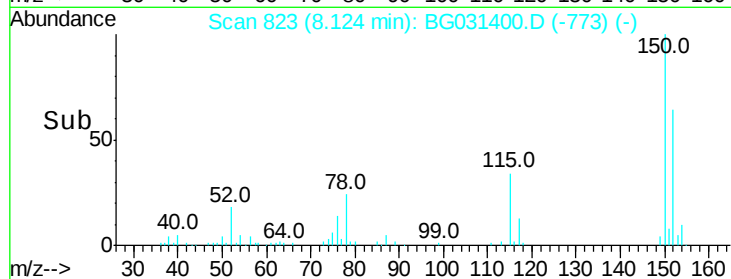
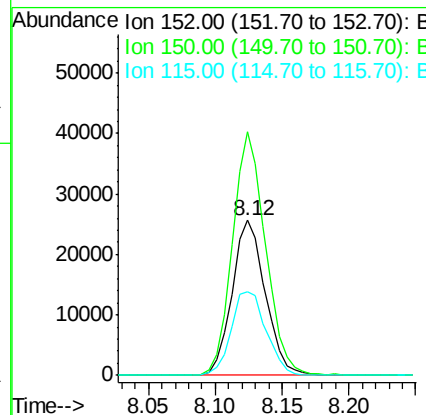
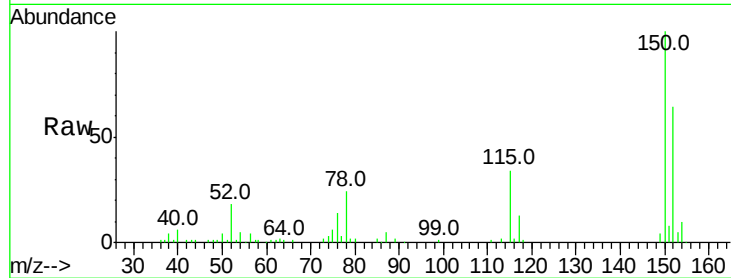


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031400.D
Acq: 7 Dec 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB104796BL

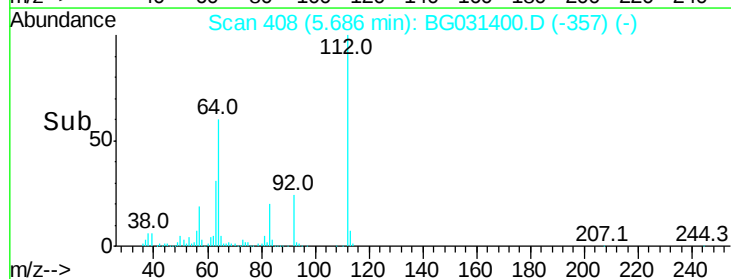
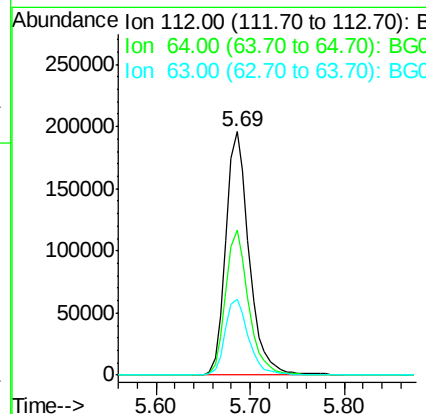
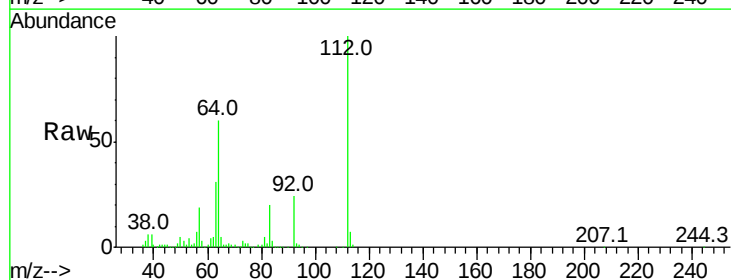
Tot Ion:152 Resp: 44521
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 54.0 53.0 79.4

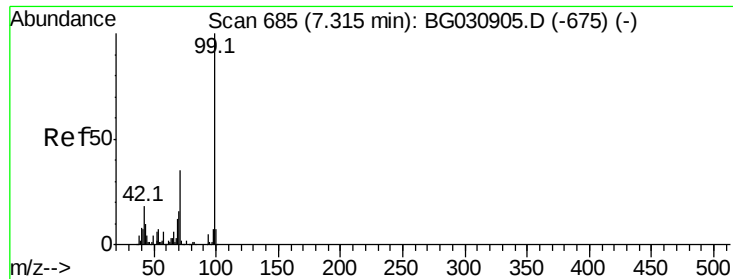


#5

2-Fluorophenol
Concen: 130.725 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031400.D
Acq: 7 Dec 2017 16:02

Tgt Ion:112 Resp: 339406
Ion Ratio Lower Upper
112 100
64 59.6 56.3 84.5
63 31.2 30.1 45.1





#7

Phenol-d6

Concen: 127.556 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031400.D

Acq: 7 Dec 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB104796BL

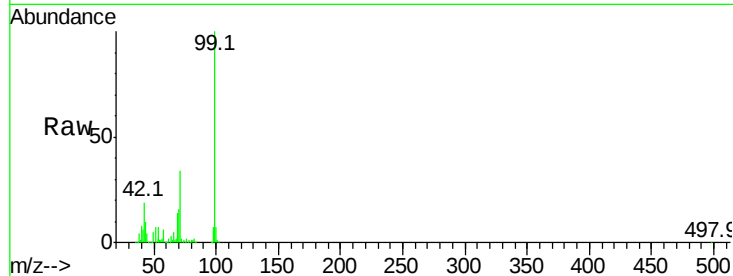
Tot Ion: 99 Resp: 446170

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 34.2 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

300000

250000

200000

150000

100000

50000

0

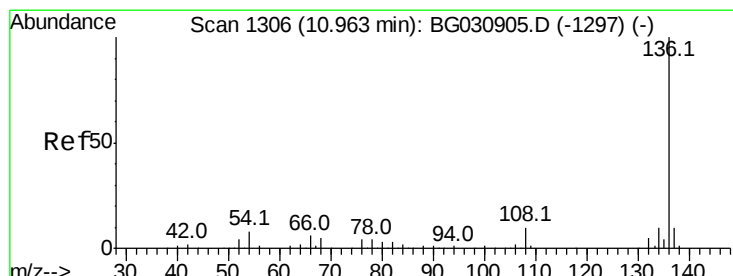
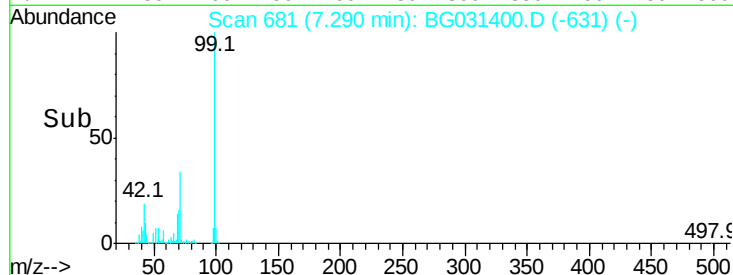
7.29

7.20

7.30

7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031400.D

Acq: 7 Dec 2017 16:02

Tgt Ion: 136 Resp: 193628

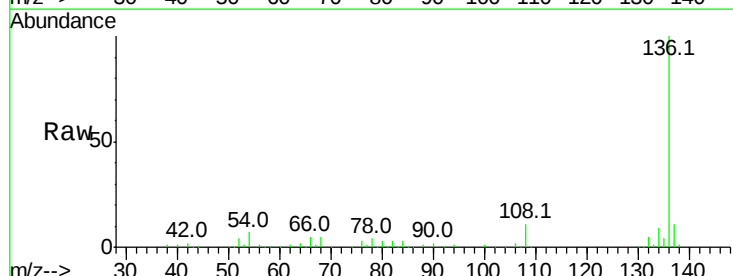
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 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

120000

100000

80000

60000

40000

20000

0

10.94

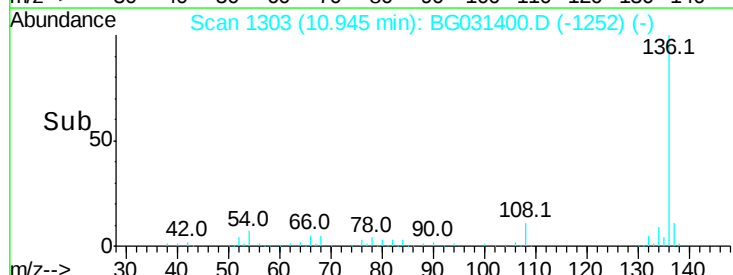
10.80

10.90

11.00

11.10

Time-->

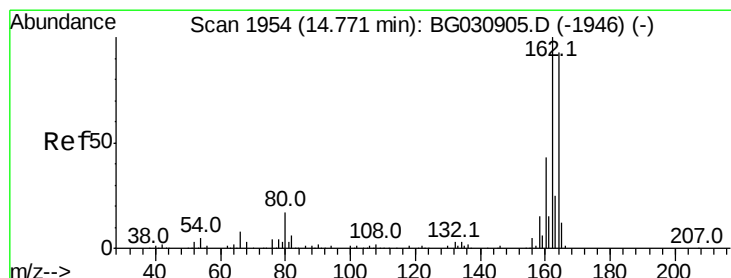
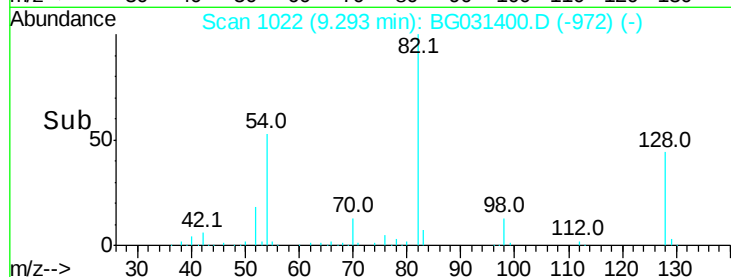
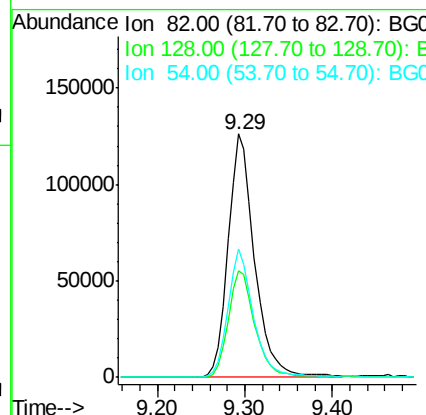
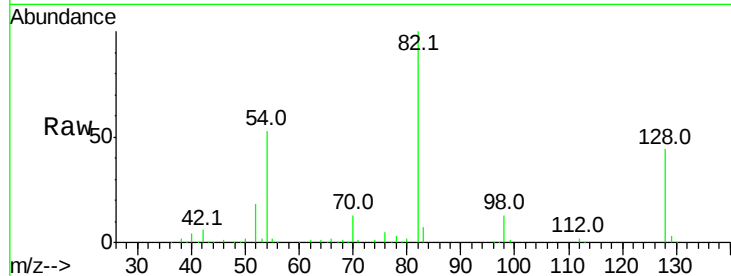




#23
 Nitrobenzene-d5
 Concen: 80.028 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031400.D
 Acq: 7 Dec 2017 16:02

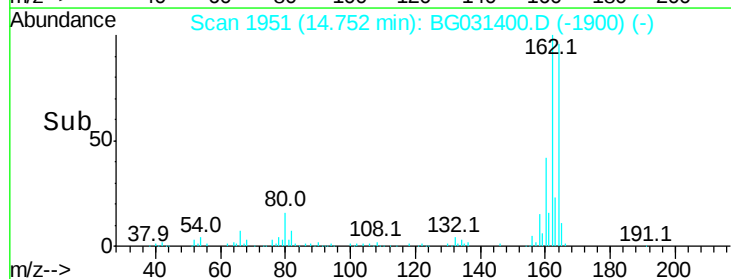
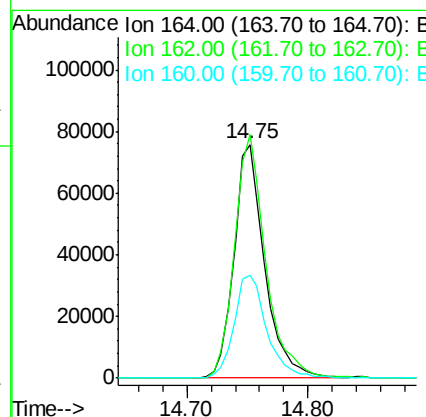
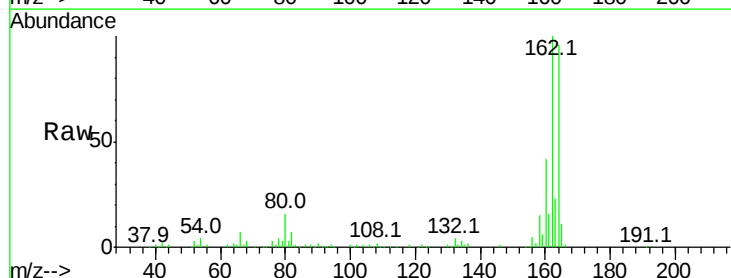
Instrument :
 BNA_G
 ClientSampleId :
 PB104796BL

Tot Ion	82	Resp	261501
Ion Ratio	100	Lower	Upper
128	44.0	29.7	44.5
54	53.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031400.D
 Acq: 7 Dec 2017 16:02

Tgt Ion	164	Resp	133831
Ion Ratio	100	Lower	Upper
162	104.3	78.8	118.2
160	44.3	35.4	53.0

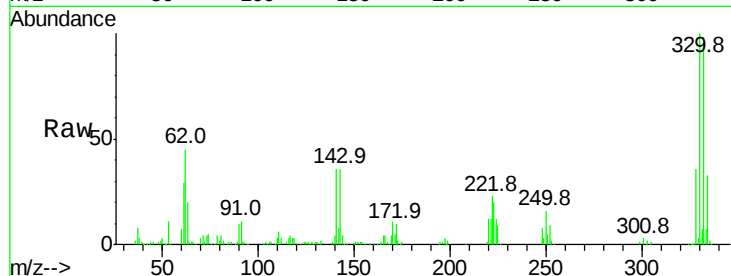




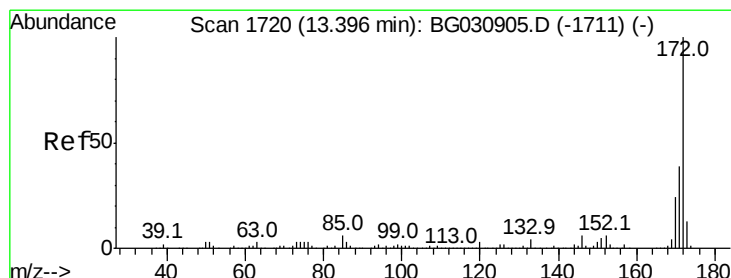
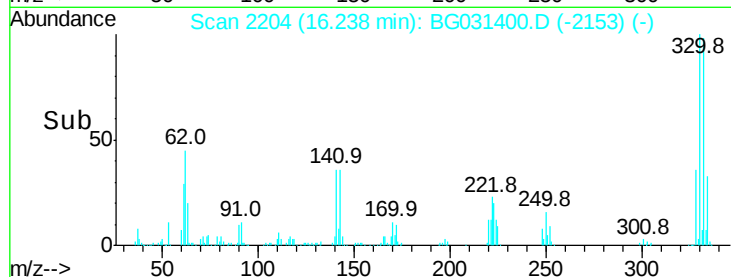
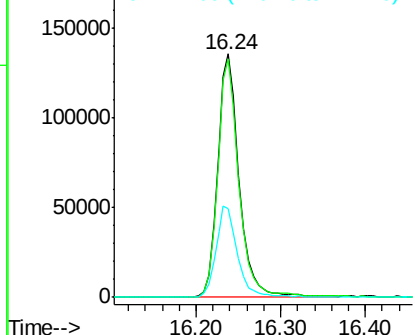
#41
 2,4,6-Tribromophenol
 Concen: 111.427 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031400.D
 Acq: 7 Dec 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB104796BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.5	25.2	37.8

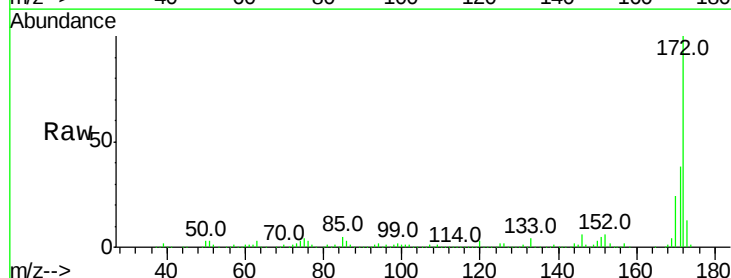


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

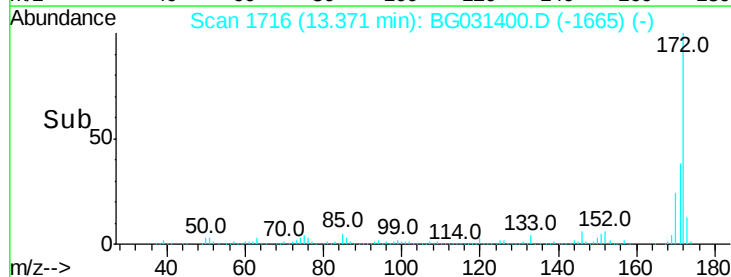
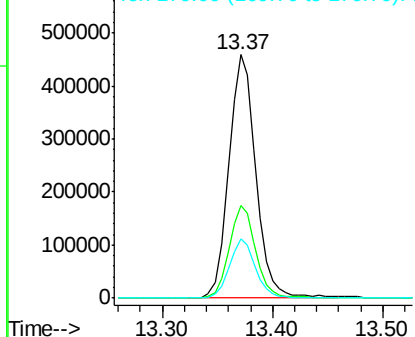


#44
 2-Fluorobiphenyl
 Concen: 84.445 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031400.D
 Acq: 7 Dec 2017 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.4	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

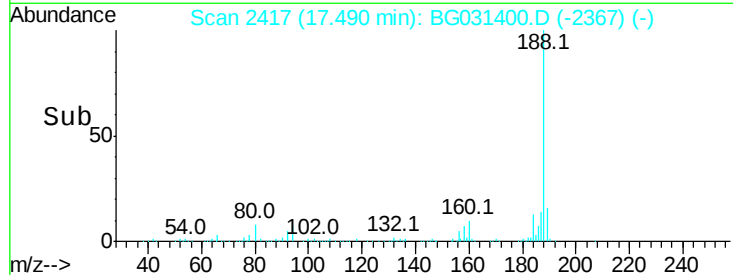
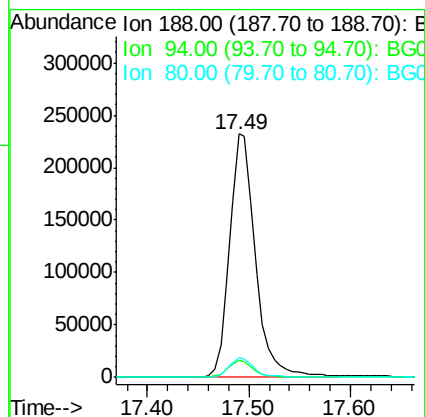
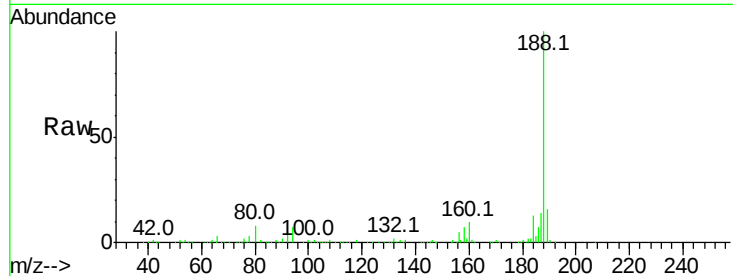




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031400.D
Acq: 7 Dec 2017 16:02

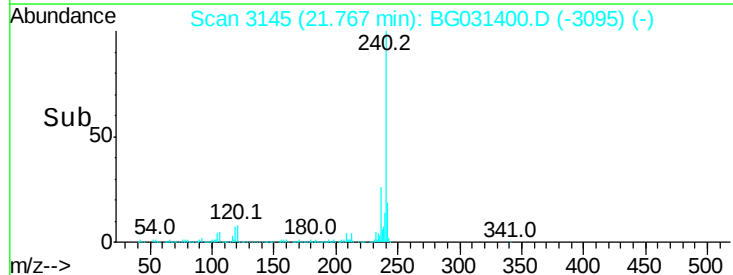
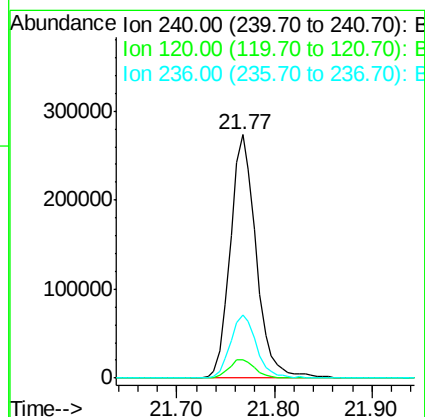
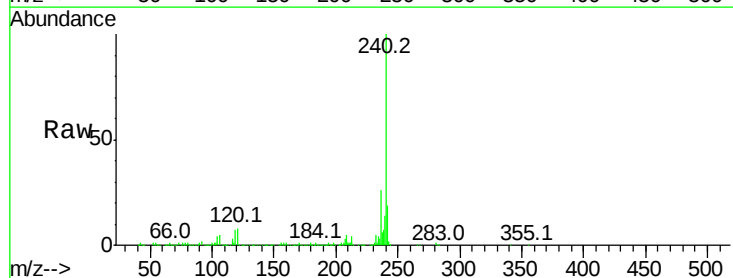
Instrument :
BNA_G
ClientSampleId :
PB104796BL

Tot Ion:188 Resp: 410764
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031400.D
Acq: 7 Dec 2017 16:02

Tgt Ion:240 Resp: 501962
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 79.340 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031400.D

Acq: 7 Dec 2017 16:02

Instrument :

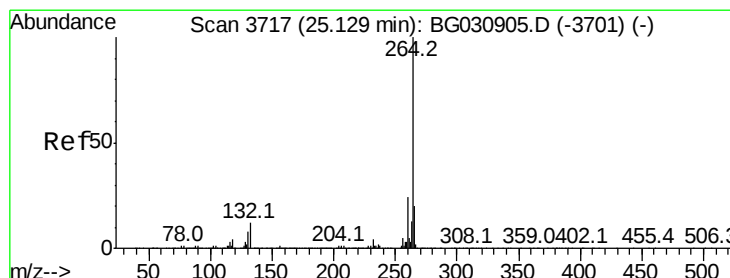
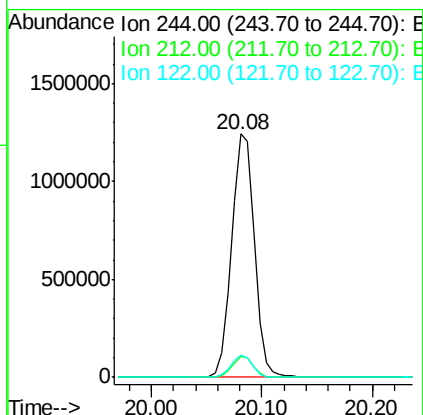
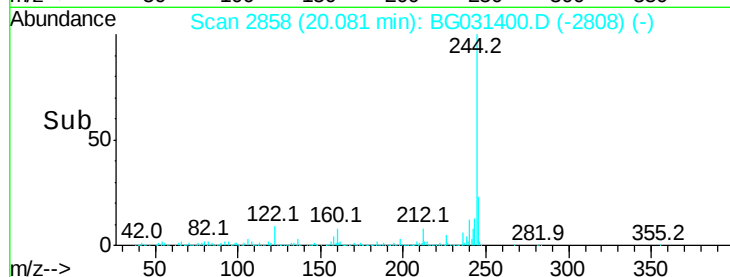
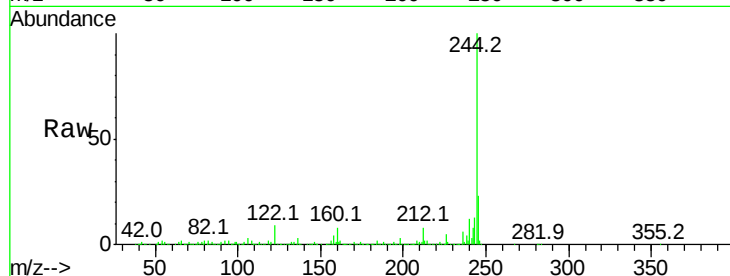
BNA_G

ClientSampleId :

PB104796BL

Tot Ion:244 Resp: 1803626

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.1	7.0	10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031400.D

Acq: 7 Dec 2017 16:02

Tgt Ion:264 Resp: 489002

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.0	17.7	26.5

