

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031159.D
 Acq On : 21 Nov 2017 19:13
 Operator : SJ/JU
 Sample : I6501-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22D

Quant Time: Nov 22 02:29:57 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	51338	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	230742	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	158811	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	412521	20.00	ng	0.00
75) Chrysene-d12	21.78	240	515123	20.00	ng	0.00
86) Perylene-d12	25.11	264	501472	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	210037	70.16	ng	-0.01
7) Phenol-d6	7.30	99	169833	42.11	ng	0.00
23) Nitrobenzene-d5	9.30	82	350635	90.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	286325	111.45	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1044978	94.55	ng	-0.02
78) Terphenyl-d14	20.10	244	1962299	84.11	ng	0.00

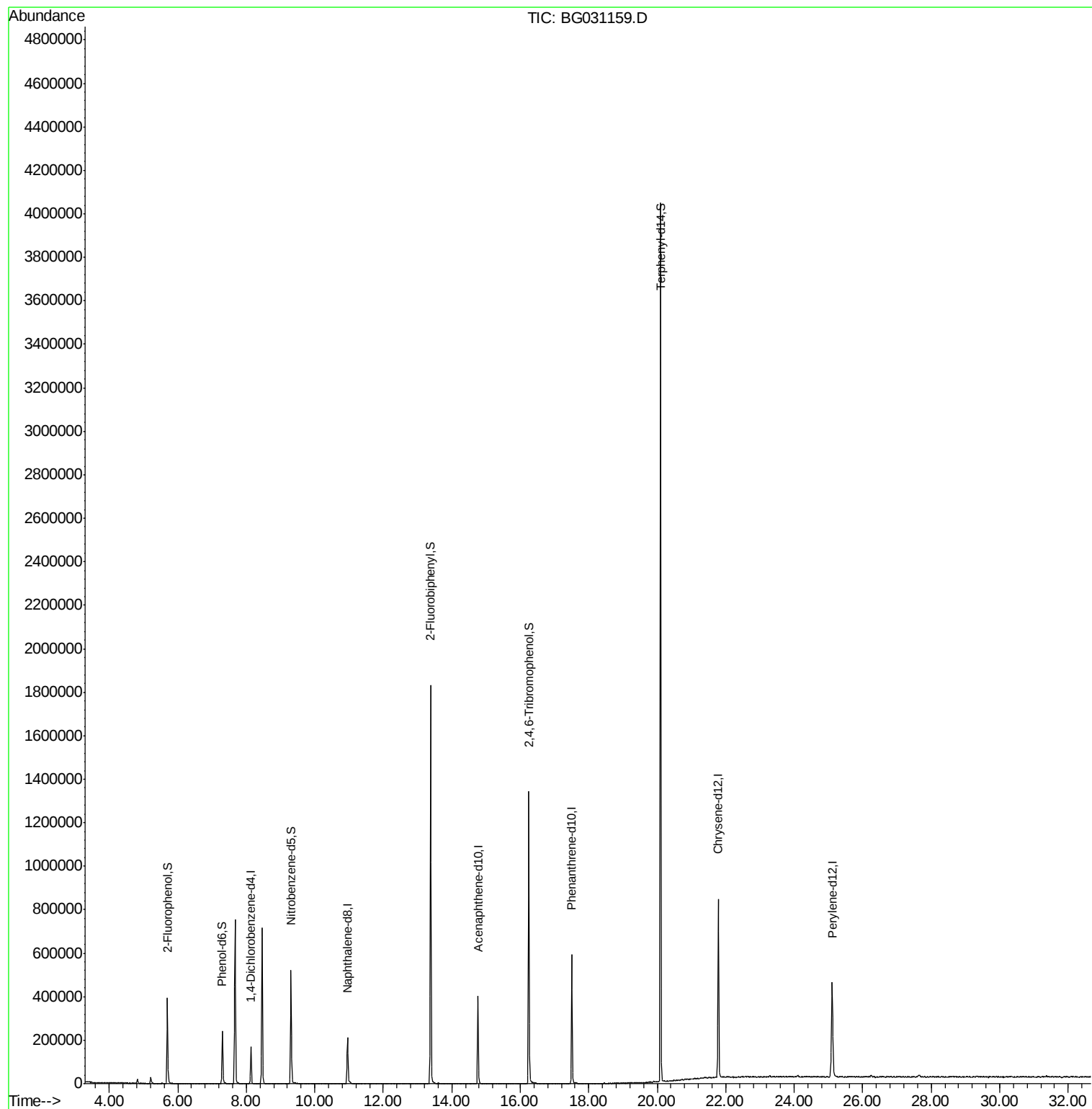
Target Compounds Qvalue

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

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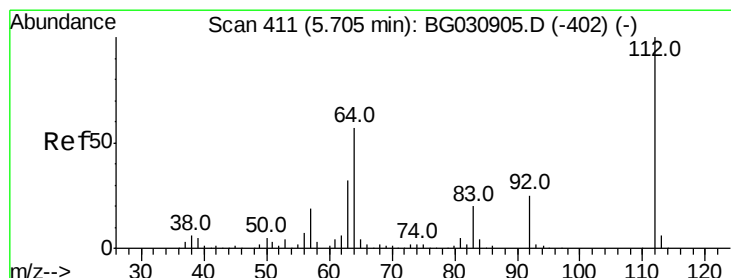
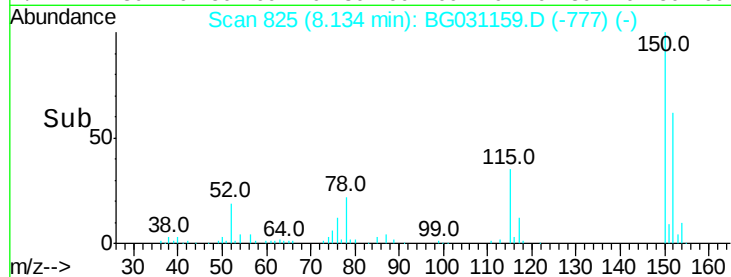
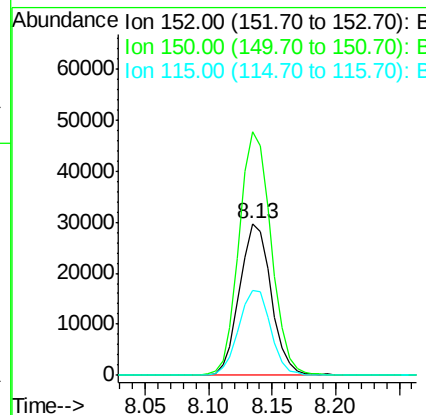
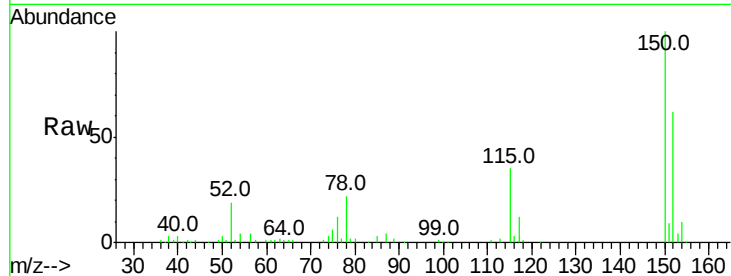


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031159.D
Acq: 21 Nov 2017 19:13

Instrument :
BNA_G
ClientSampleId :
MW-22D

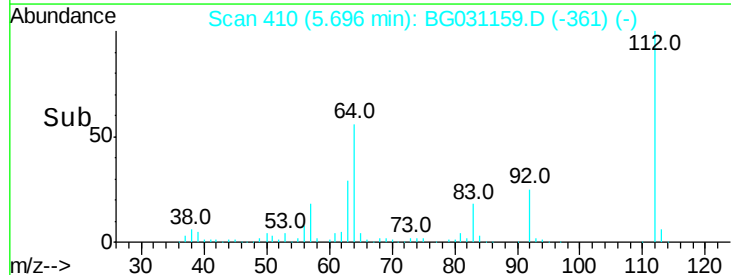
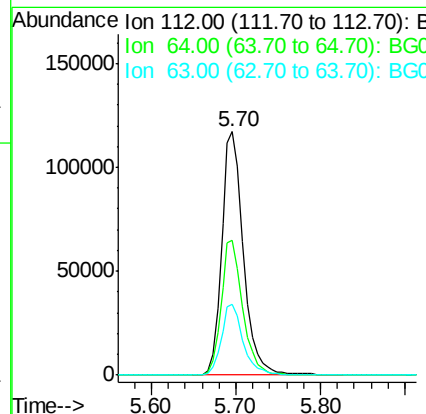
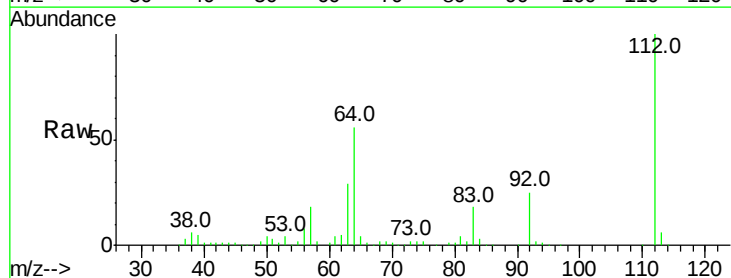
Tot Ion:152 Resp: 51338
Ion Ratio Lower Upper
152 100
150 160.1 126.6 189.8
115 55.5 53.0 79.4

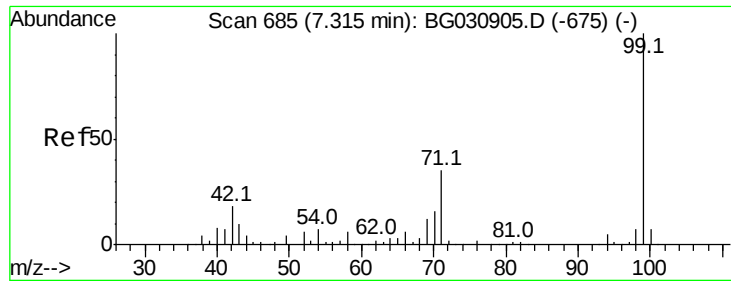


#5

2-Fluorophenol
Concen: 70.155 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031159.D
Acq: 21 Nov 2017 19:13

Tgt Ion:112 Resp: 210037
Ion Ratio Lower Upper
112 100
64 55.5 56.3 84.5#
63 29.2 30.1 45.1#





#7

Phenol-d6

Concen: 42.106 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031159.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-22D

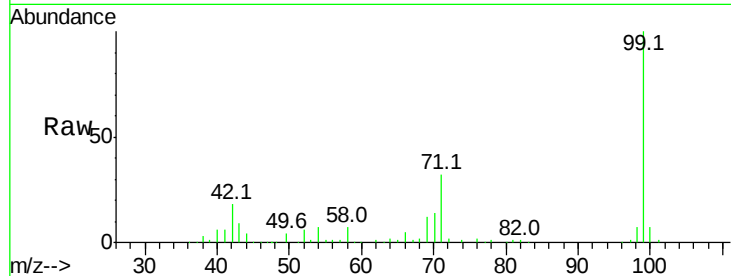
Tot Ion: 99 Resp: 169833

Ion Ratio Lower Upper

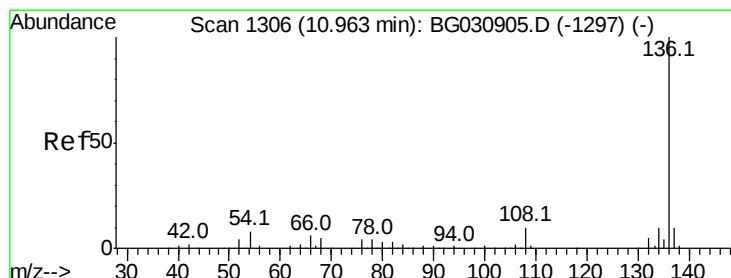
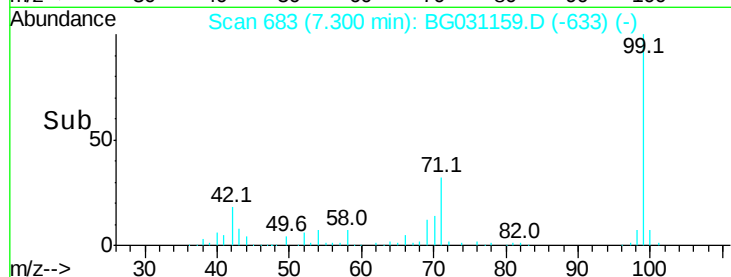
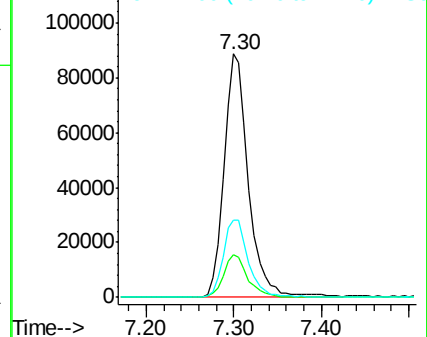
99 100

42 17.8 14.1 21.1

71 31.8 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031159.D

Acq: 21 Nov 2017 19:13

Tgt Ion: 136 Resp: 230742

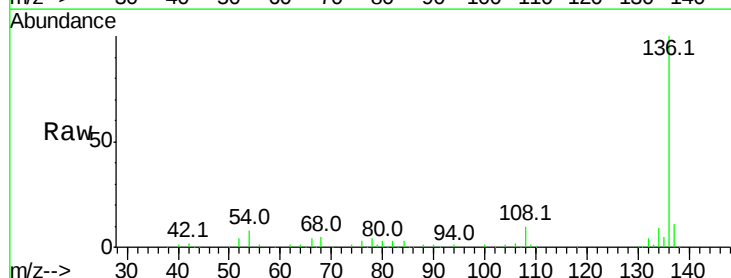
Ion Ratio Lower Upper

136 100

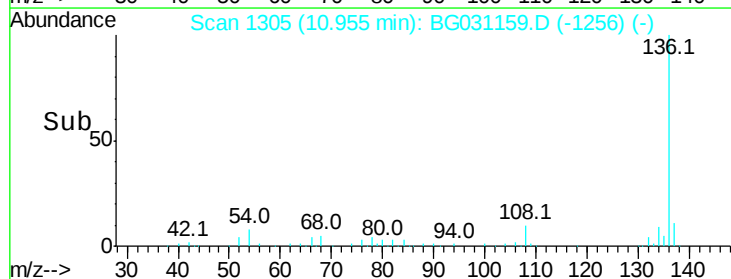
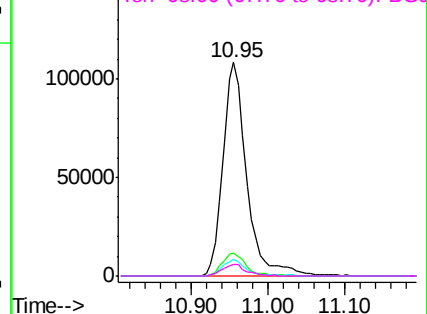
137 11.1 9.2 13.8

54 8.0 10.3 15.5#

68 5.3 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

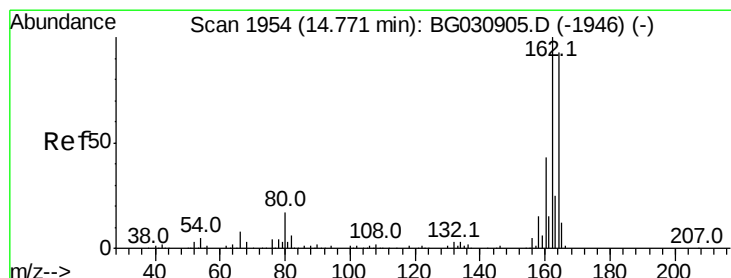
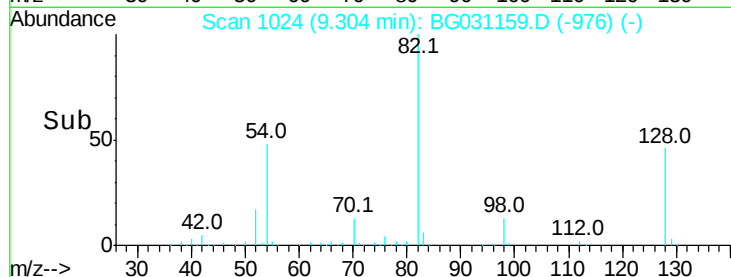
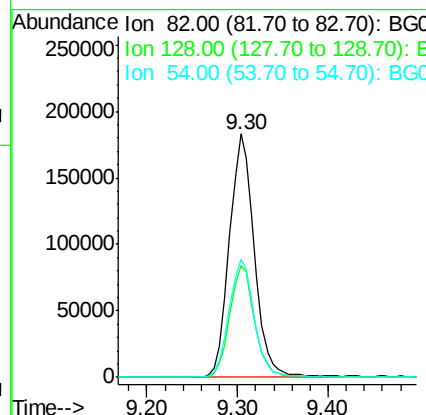
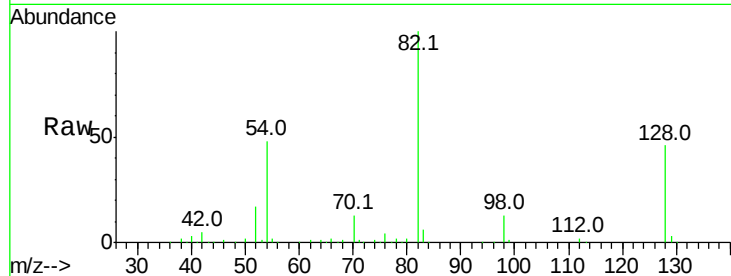




#23
 Nitrobenzene-d5
 Concen: 90.046 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031159.D
 Acq: 21 Nov 2017 19:13

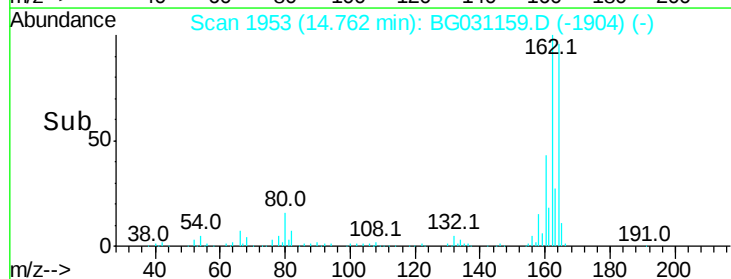
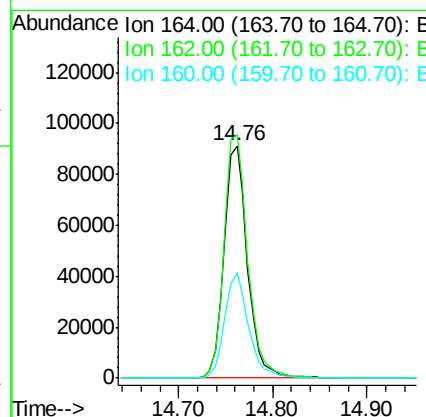
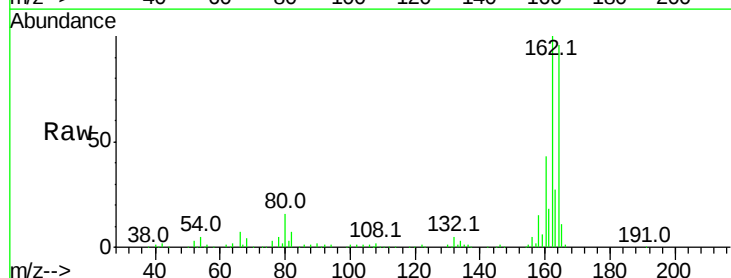
Instrument :
 BNA_G
 ClientSampleId :
 MW-22D

Tot Ion	82	Resp	350635
Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	48.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031159.D
 Acq: 21 Nov 2017 19:13

Tgt Ion	164	Resp	158811
Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.4	35.4	53.0

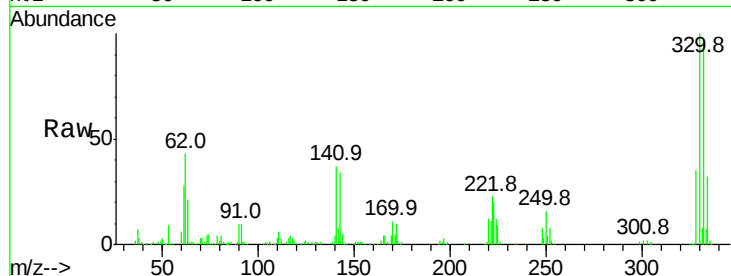




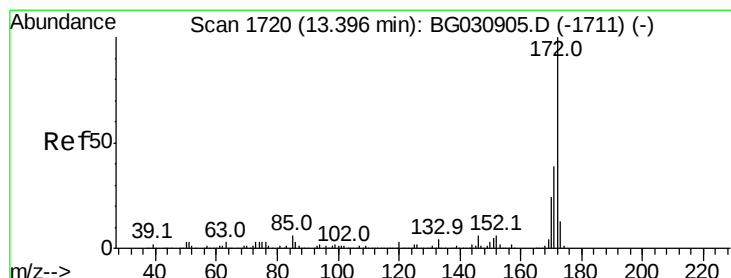
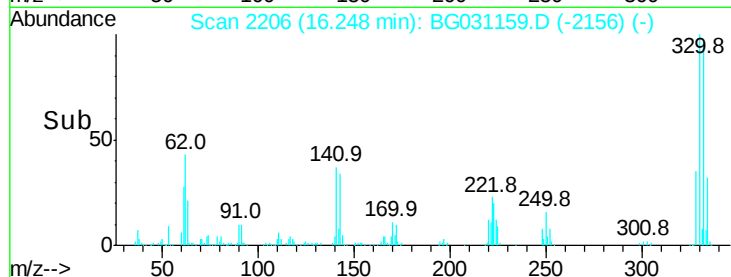
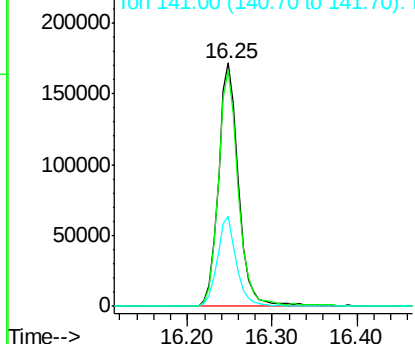
#41
 2,4,6-Tribromophenol
 Concen: 111.452 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG031159.D
 Acq: 21 Nov 2017 19:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-22D

Tot Ion:330 Resp: 286325
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 35.4 25.2 37.8

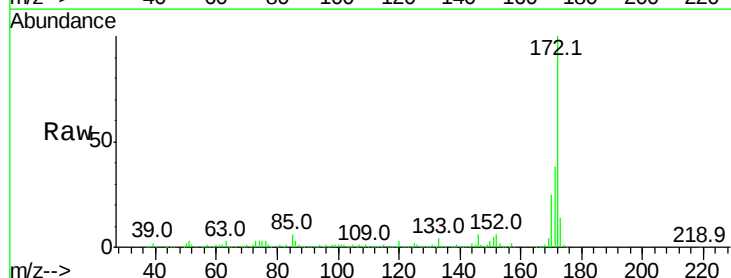


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

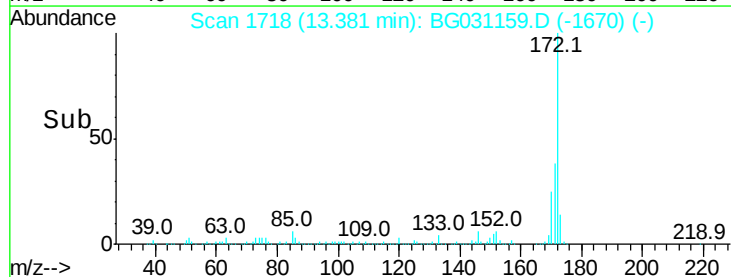
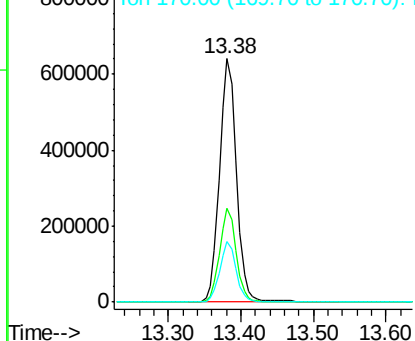


#44
 2-Fluorobiphenyl
 Concen: 94.548 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031159.D
 Acq: 21 Nov 2017 19:13

Tgt Ion:172 Resp: 1044978
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.6 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

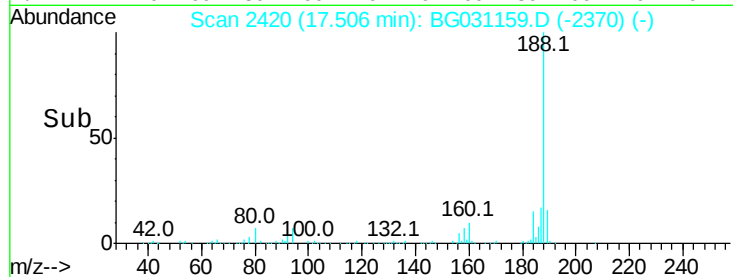
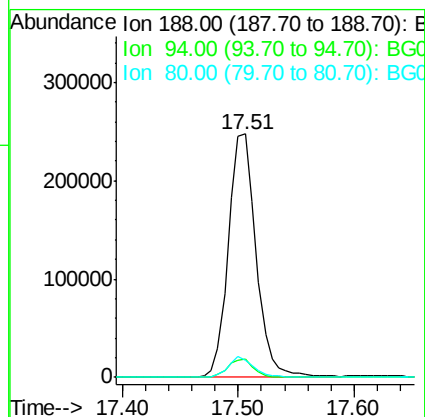
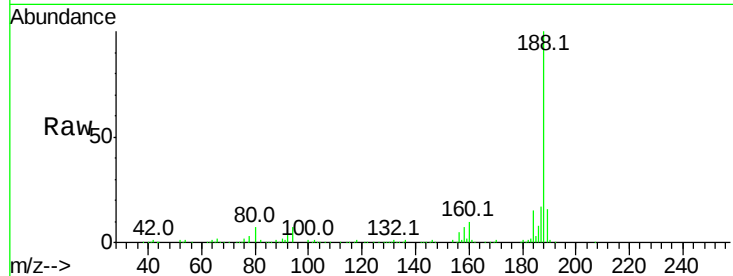




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG031159.D
Acq: 21 Nov 2017 19:13

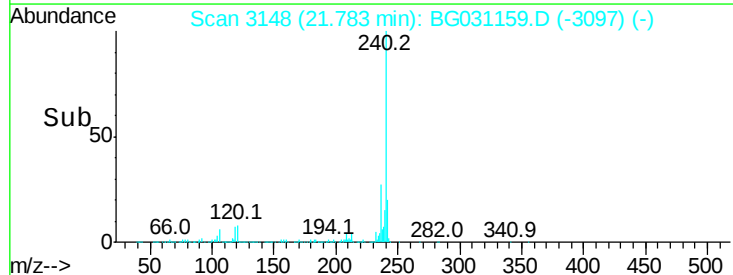
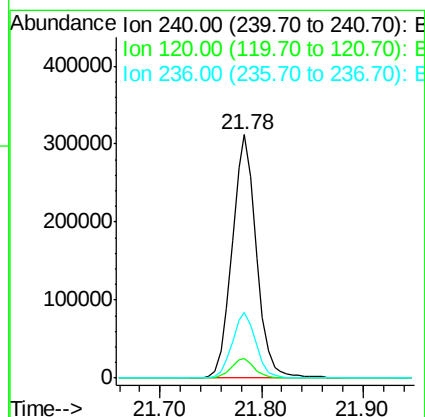
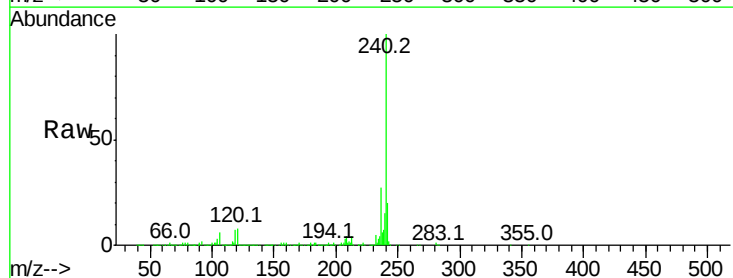
Instrument :
BNA_G
ClientSampleId :
MW-22D

Tot Ion:188 Resp: 412521
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG031159.D
Acq: 21 Nov 2017 19:13

Tgt Ion:240 Resp: 515123
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 84.114 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG031159.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-22D

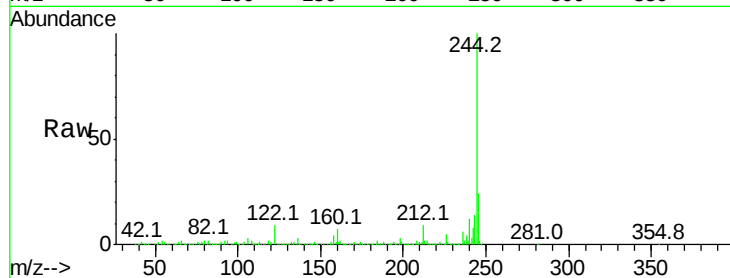
Tot Ion:244 Resp: 1962299

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

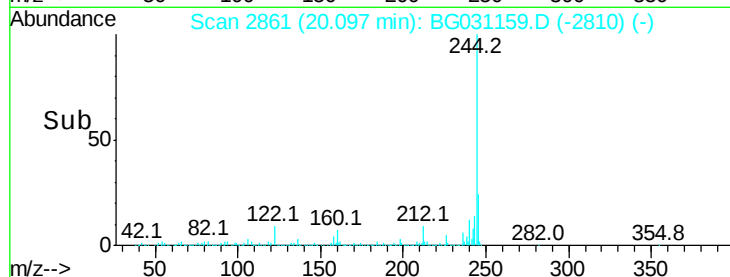
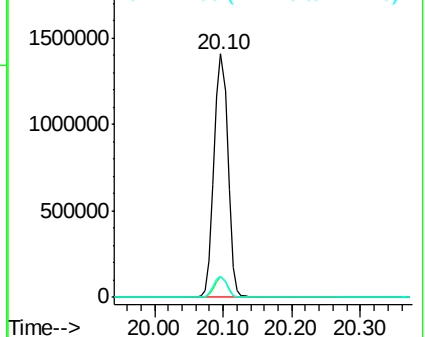
122 8.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG031159.D

Acq: 21 Nov 2017 19:13

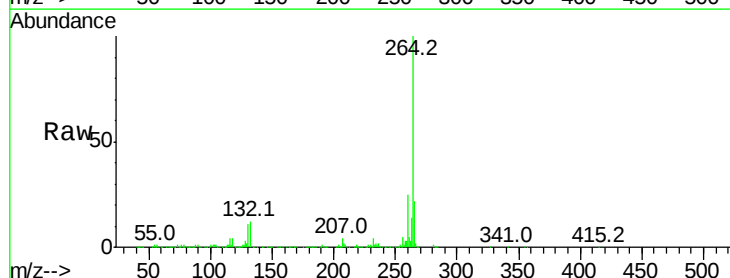
Tgt Ion:264 Resp: 501472

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.0 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

