

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032180.D
 Acq On : 20 Jan 2018 15:34
 Operator : SJ/JU
 Sample : SP4226
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP4226

Quant Time: Jan 22 06:08:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	39788	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	149956	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	95774	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	262867	20.00	ng	0.00
75) Chrysene-d12	22.45	240	366235	20.00	ng	0.00
86) Perylene-d12	26.14	264	374526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	331679	152.46	ng	0.00
7) Phenol-d6	7.85	99	393864	143.75	ng	0.00
23) Nitrobenzene-d5	9.94	82	239564	108.08	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	238798	150.68	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	819533	106.10	ng	0.00
78) Terphenyl-d14	20.65	244	1639121	98.82	ng	0.00

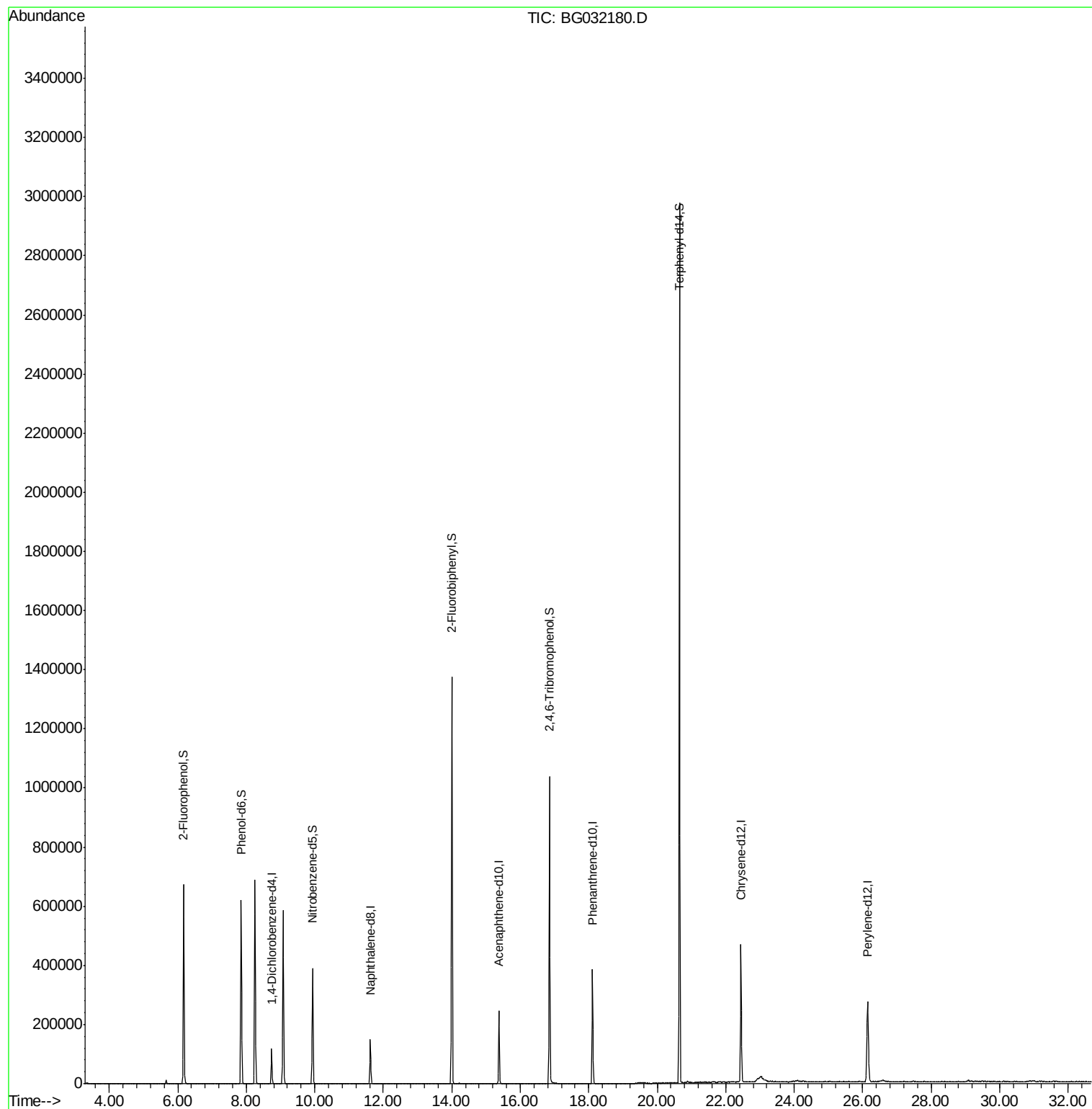
Target Compounds Qvalue

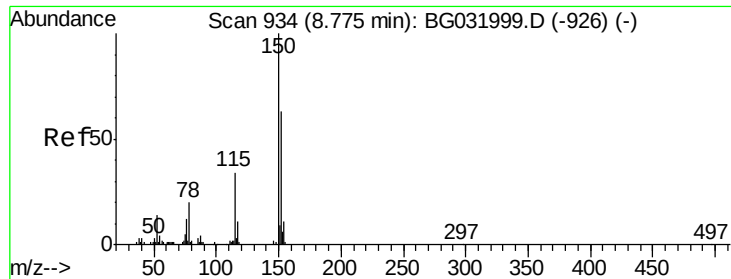
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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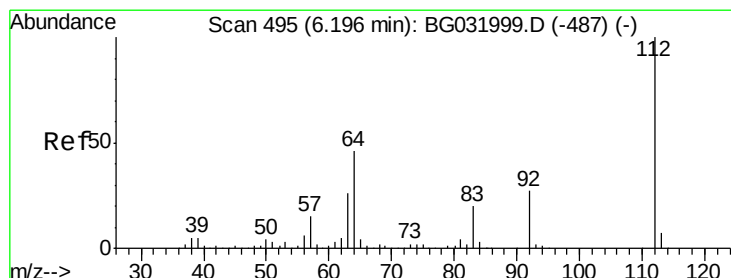
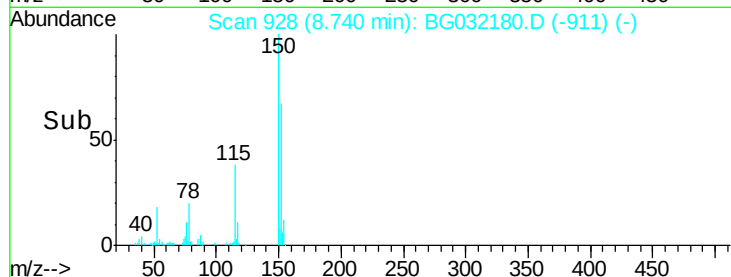
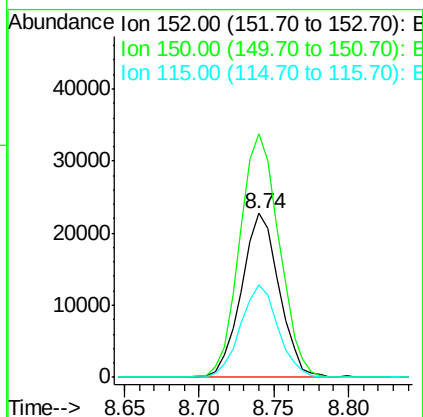
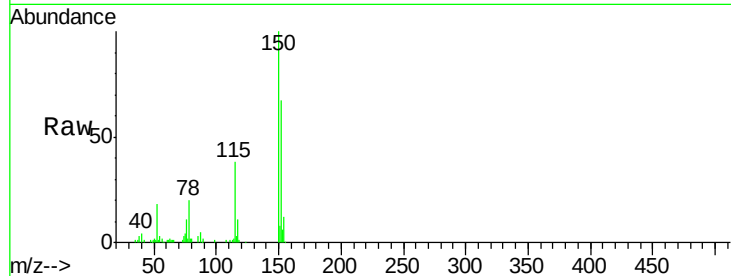


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

Instrument :
BNA_G
ClientSampleId :
SP4226

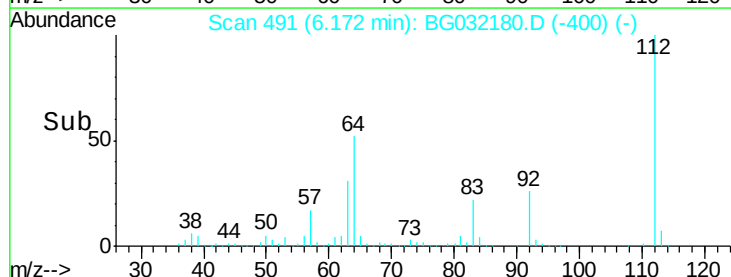
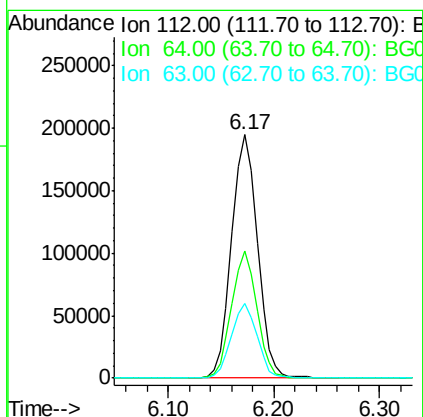
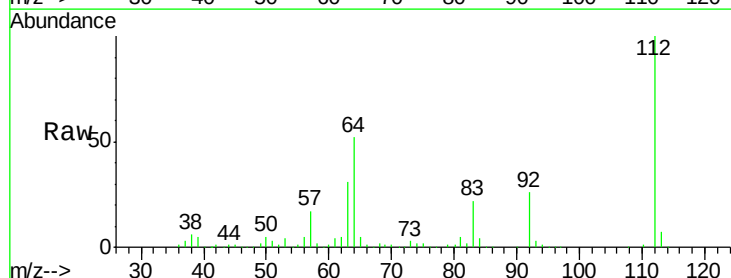
Tot Ion:152 Resp: 39788
Ion Ratio Lower Upper
152 100
150 148.4 126.6 189.8
115 56.2 53.0 79.4

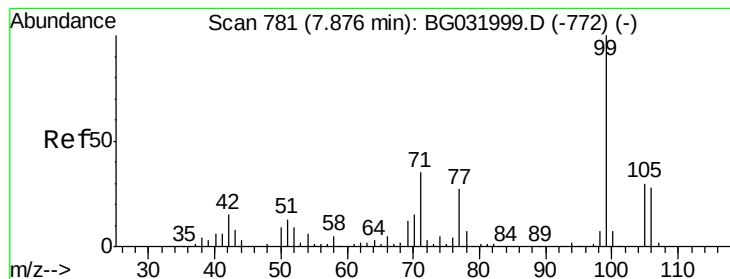


#5

2-Fluorophenol
Concen: 152.463 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

Tgt Ion:112 Resp: 331679
Ion Ratio Lower Upper
112 100
64 52.0 56.3 84.5#
63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 143.752 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032180.D

Acq: 20 Jan 2018 15:34

Instrument :

BNA_G

ClientSampled :

SP4226

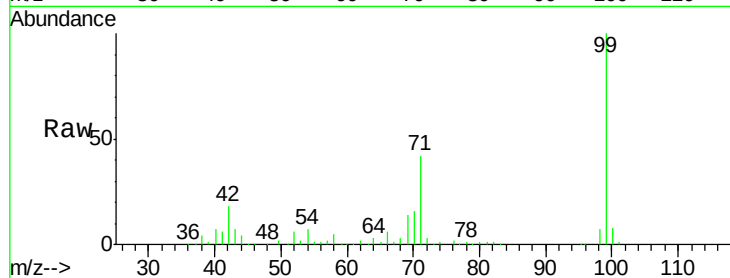
Tot Ion: 99 Resp: 393864

Ion Ratio Lower Upper

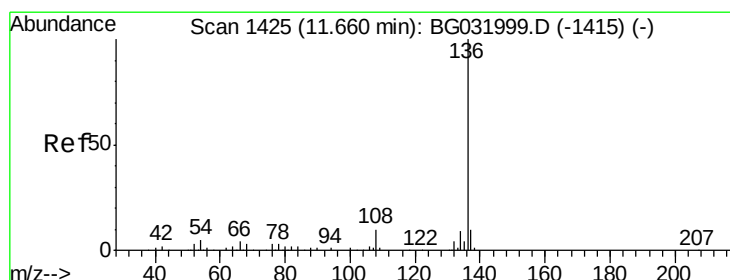
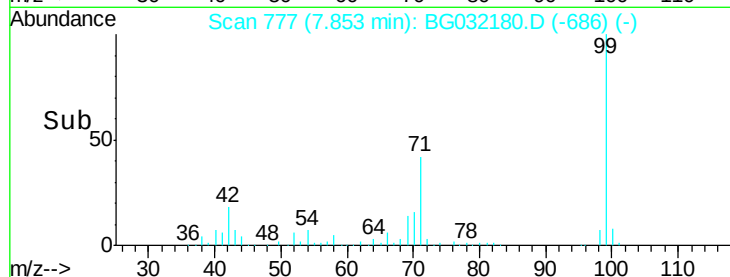
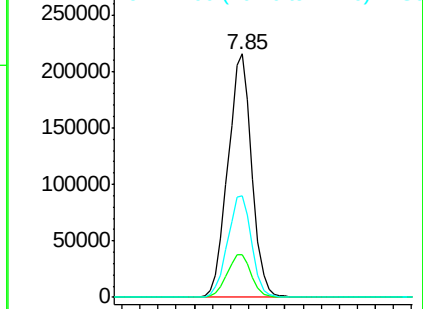
99 100

42 17.6 14.1 21.1

71 41.7 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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032180.D

Acq: 20 Jan 2018 15:34

Tgt Ion: 136 Resp: 149956

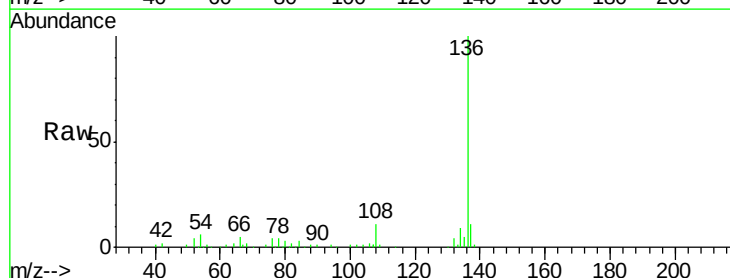
Ion Ratio Lower Upper

136 100

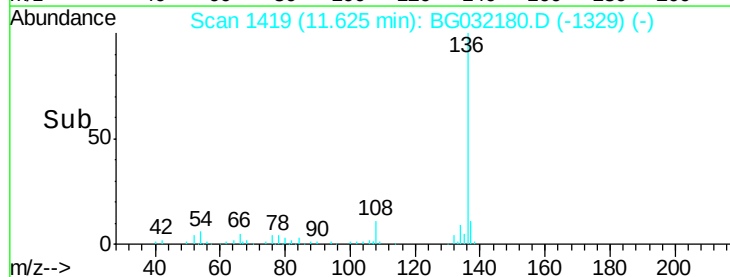
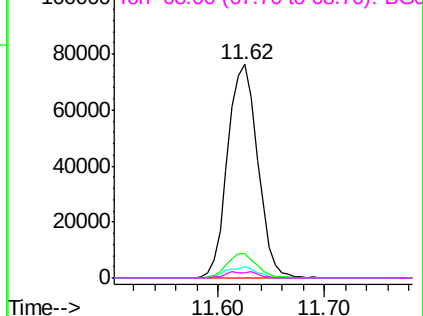
137 11.3 9.2 13.8

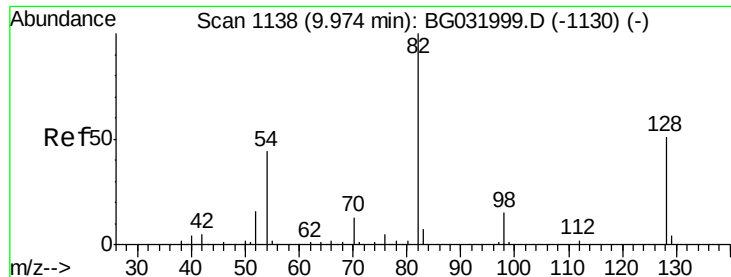
54 5.7 10.3 15.5#

68 2.4 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

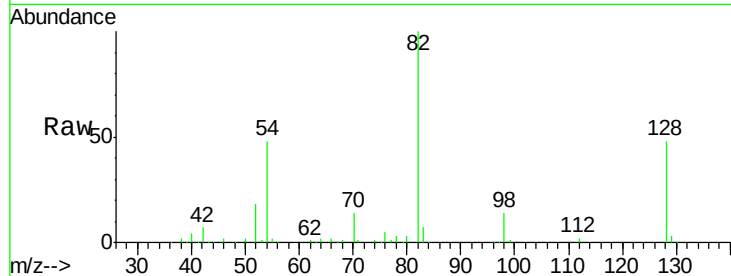




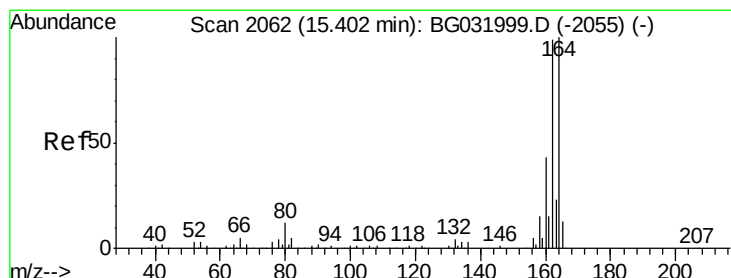
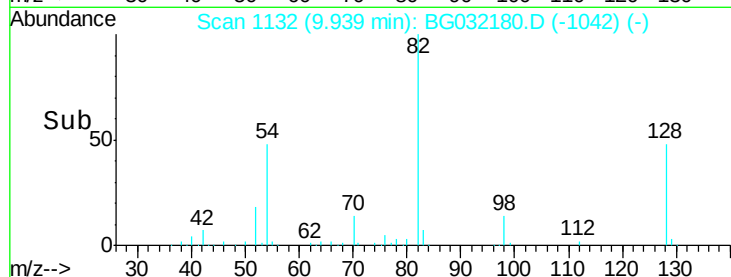
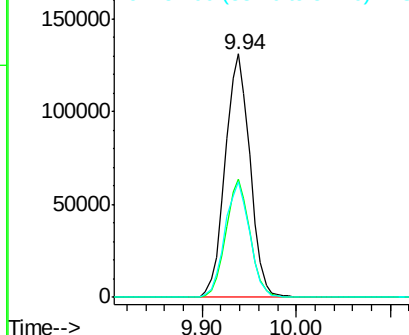
#23
Nitrobenzene-d5
Concen: 108.082 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

Instrument :
BNA_G
ClientSampleId :
SP4226

Tot Ion: 82 Resp: 239564
Ion Ratio Lower Upper
82 100
128 48.4 29.7 44.5#
54 47.7 43.1 64.7

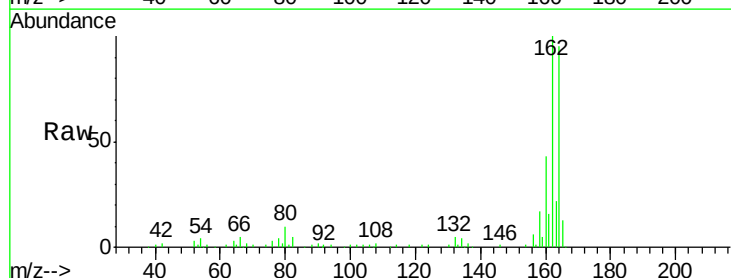


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

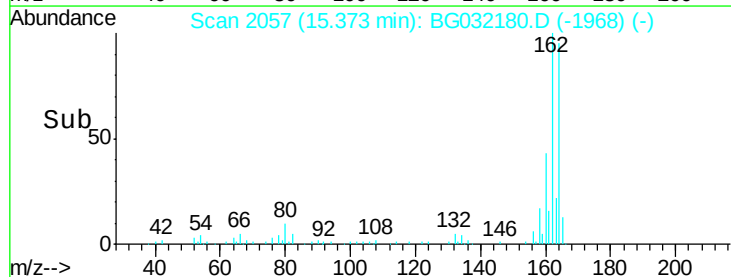
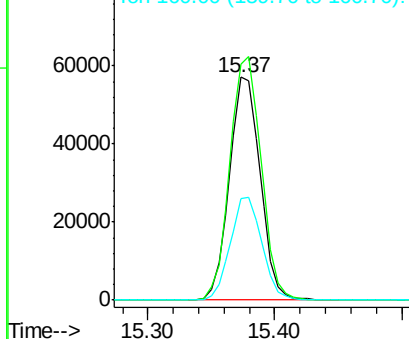


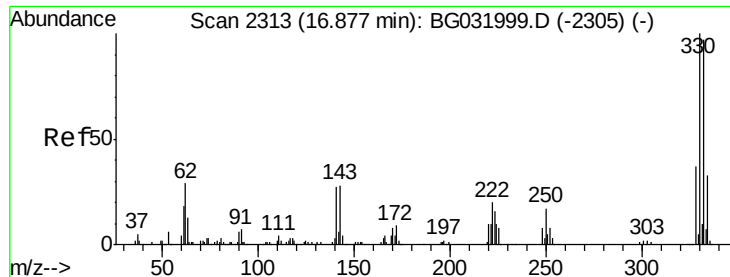
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

Tgt Ion:164 Resp: 95774
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 45.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

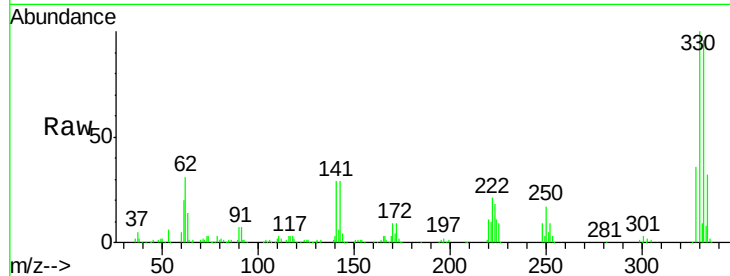




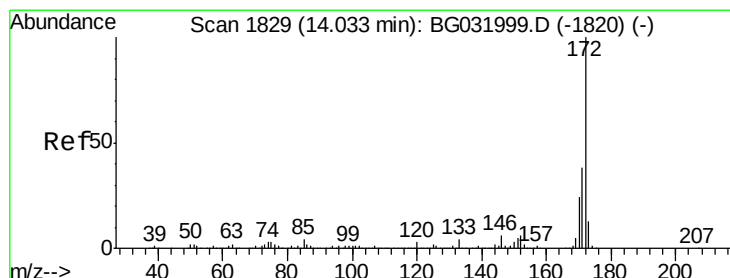
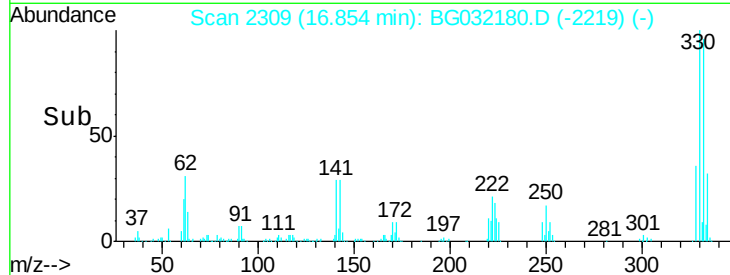
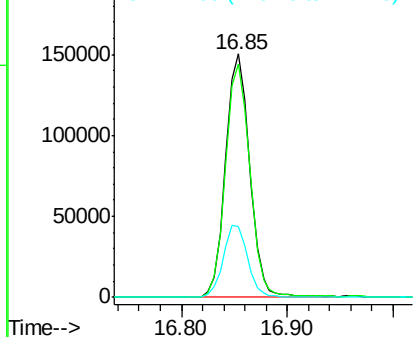
#41
 2,4,6-Tribromophenol
 Concen: 150.677 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032180.D
 Acq: 20 Jan 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 SP4226

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.3	25.2	37.8

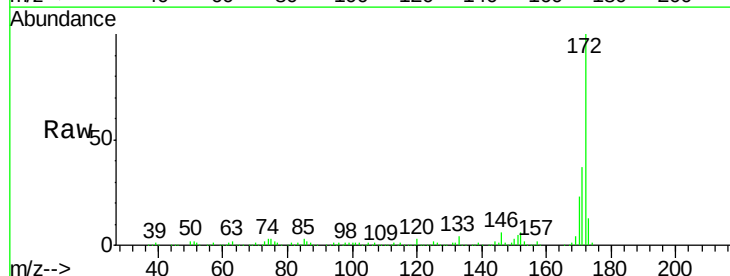


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

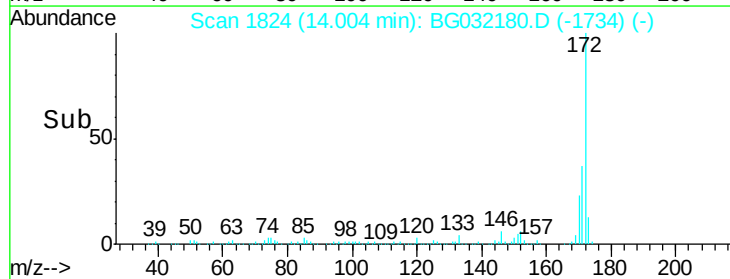
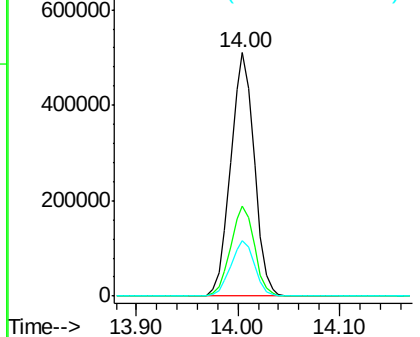


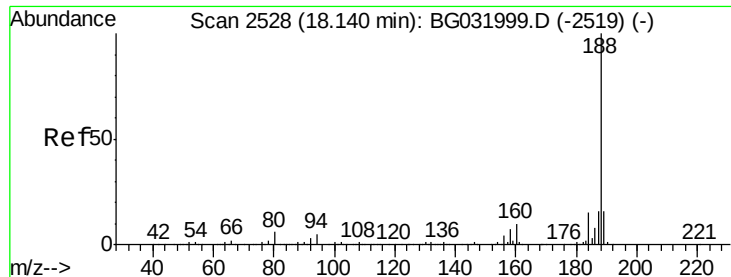
#44
 2-Fluorobiphenyl
 Concen: 106.102 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032180.D
 Acq: 20 Jan 2018 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	22.8	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

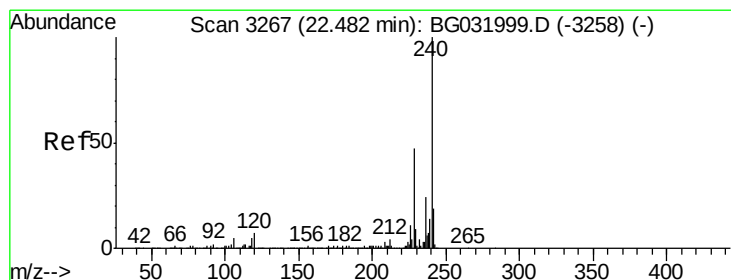
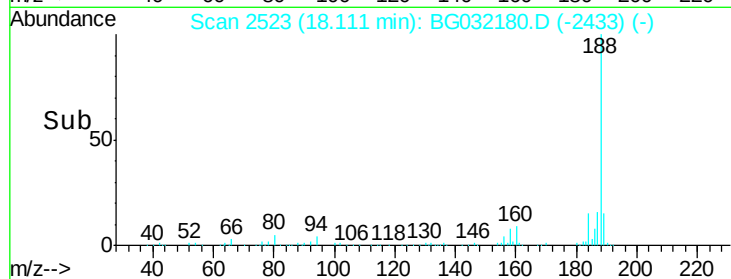
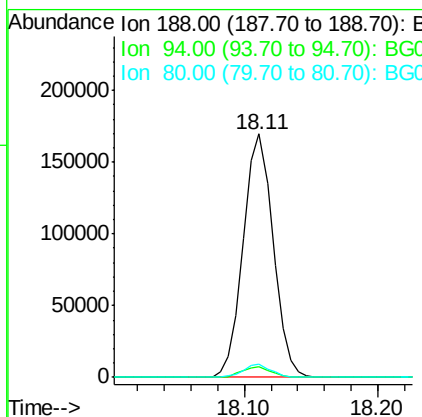
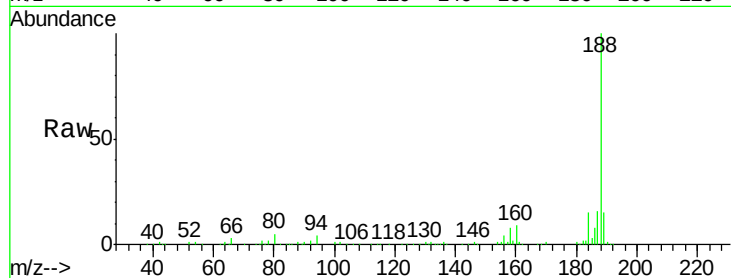




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

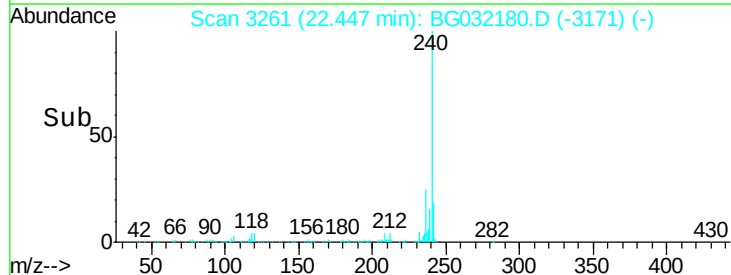
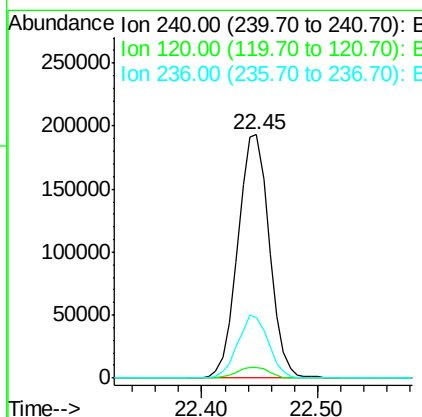
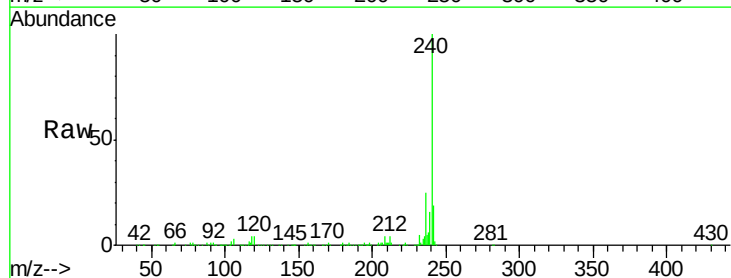
Instrument :
BNA_G
ClientSampleId :
SP4226

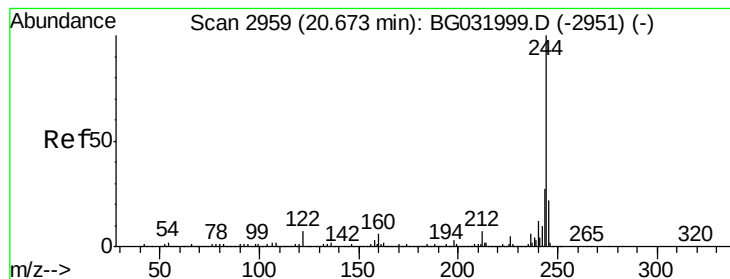
Tot Ion:188 Resp: 262867
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 5.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032180.D
Acq: 20 Jan 2018 15:34

Tgt Ion:240 Resp: 366235
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 98.823 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032180.D

Acq: 20 Jan 2018 15:34

Instrument :

BNA_G

ClientSampleId :

SP4226

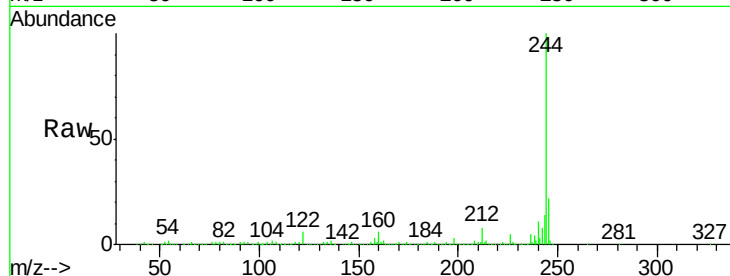
Tot Ion:244 Resp: 1639121

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

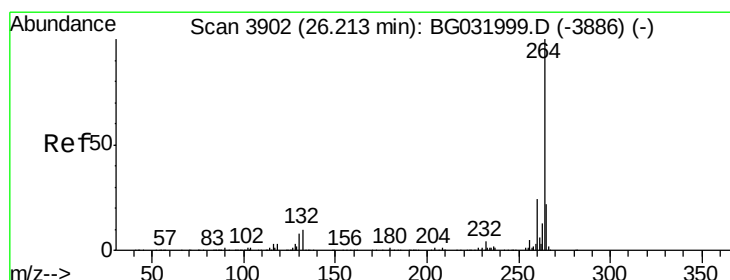
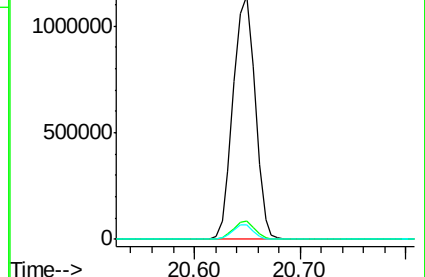
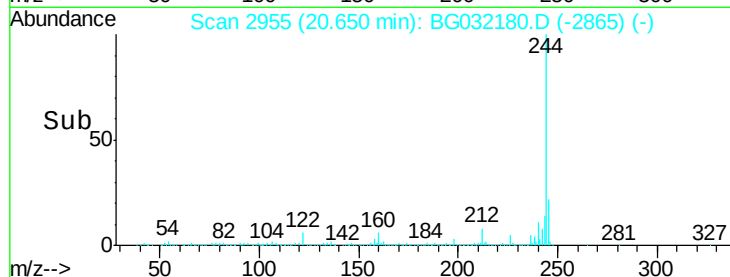
122 5.8 7.0 10.4#



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: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032180.D

Acq: 20 Jan 2018 15:34

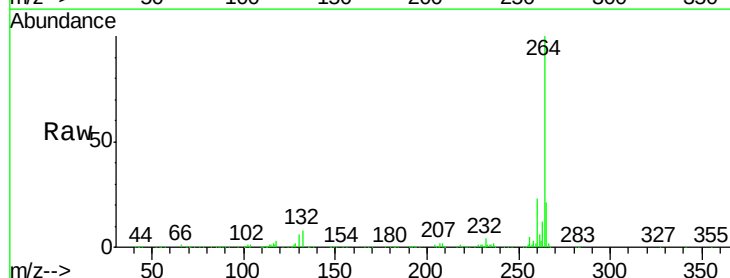
Tgt Ion:264 Resp: 374526

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.5 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

