

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032162.D
 Acq On : 19 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1205-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jan 20 00:24:35 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	43694	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	176357	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	123416	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	348435	20.00	ng	0.00
75) Chrysene-d12	22.44	240	458018	20.00	ng	0.00
86) Perylene-d12	26.15	264	481193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	149934	62.76	ng	0.00
7) Phenol-d6	7.84	99	117291	38.98	ng	0.00
23) Nitrobenzene-d5	9.94	82	241888	92.79	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	286955	140.51	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	867047	87.11	ng	0.00
78) Terphenyl-d14	20.65	244	1827927	88.12	ng	0.00

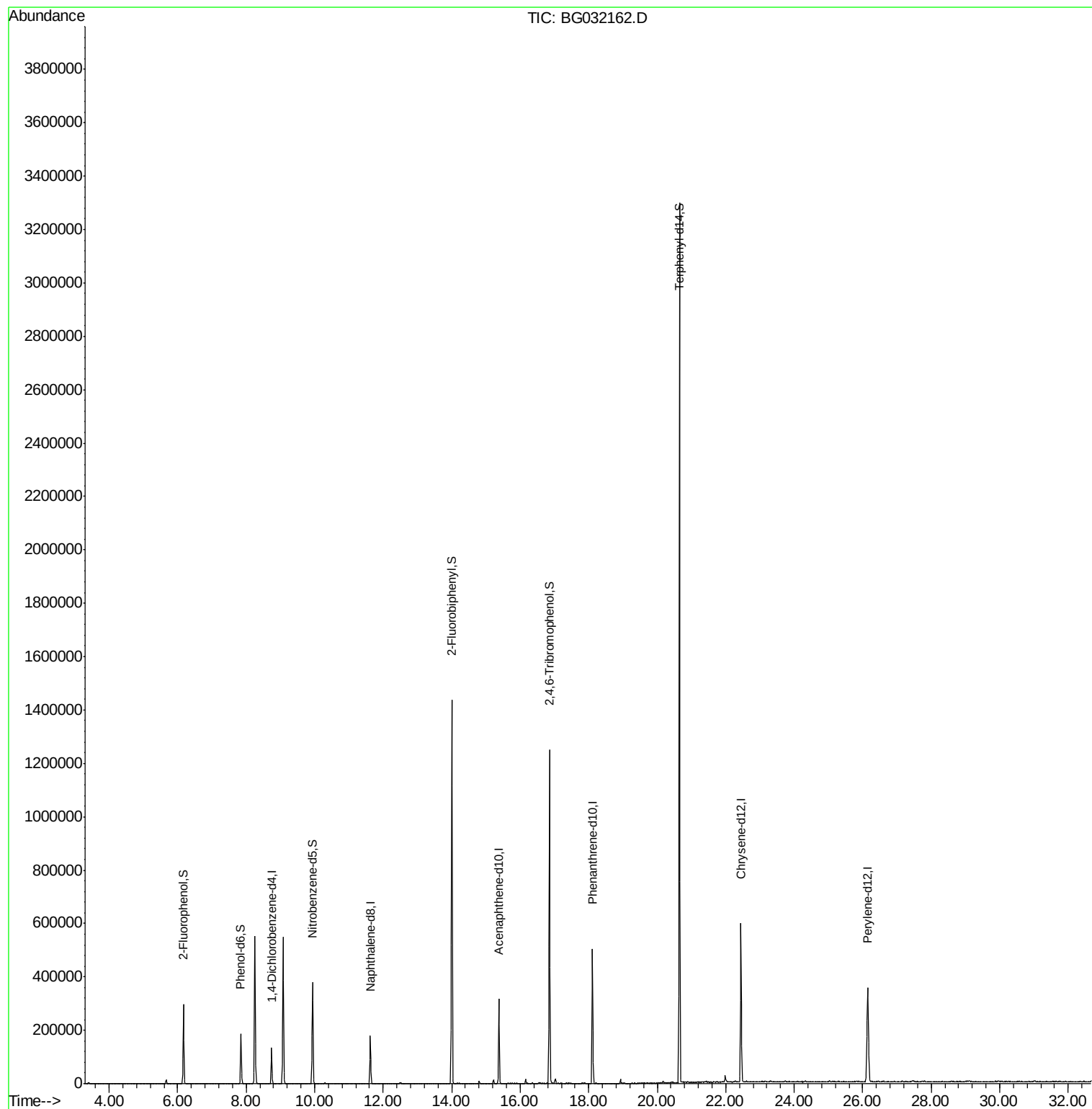
Target Compounds Qvalue

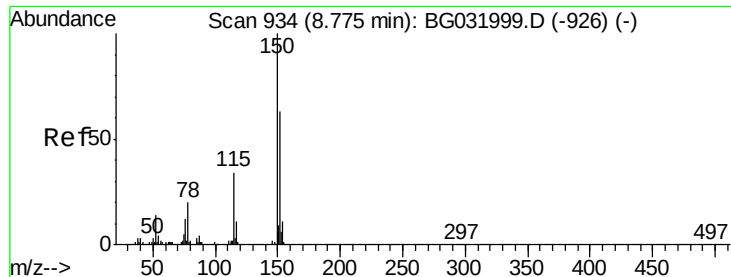
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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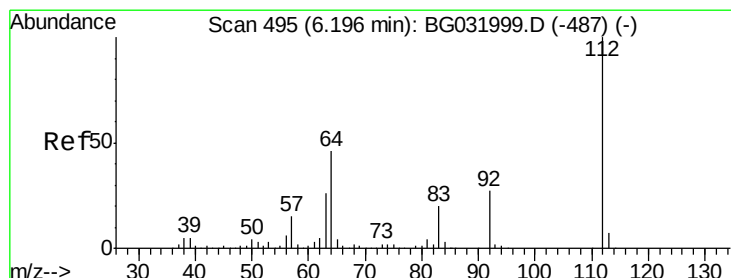
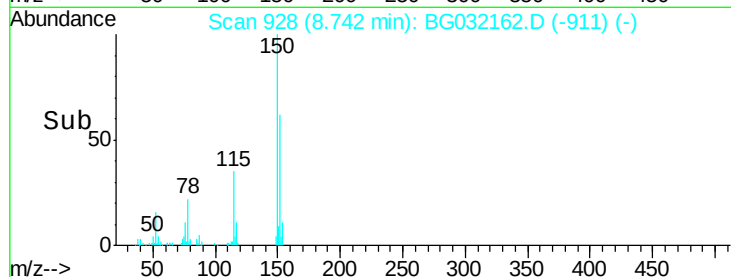
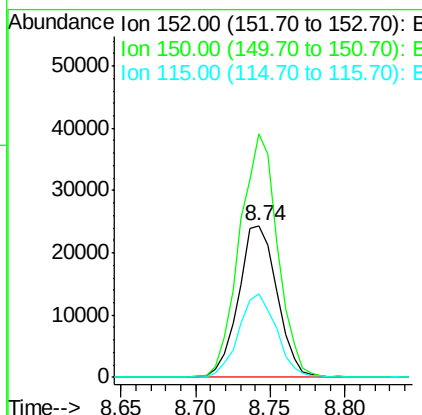
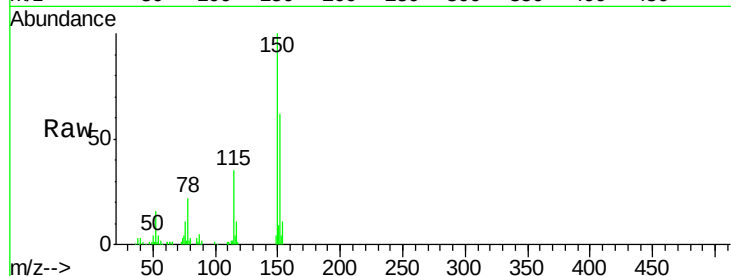


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Instrument :
BNA_G
ClientSampled :
MW-2

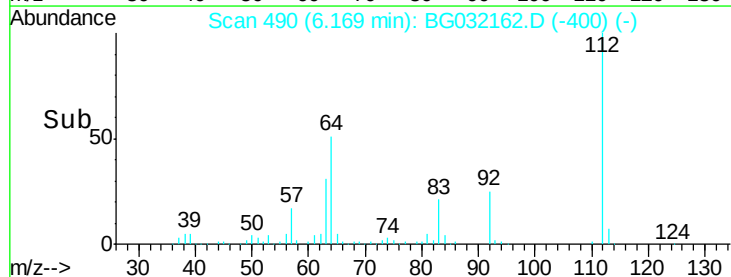
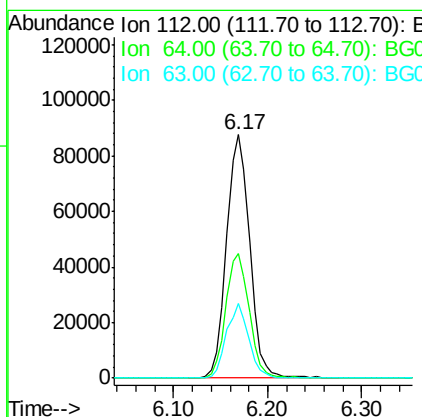
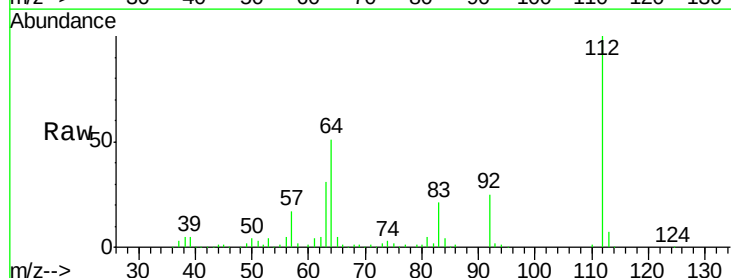
Tot Ion:152 Resp: 43694
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 55.4 53.0 79.4

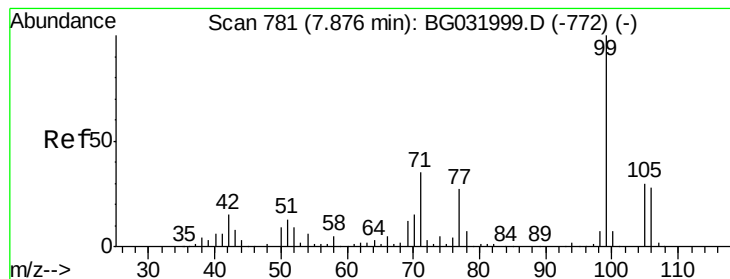


#5

2-Fluorophenol
Concen: 62.759 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Tgt Ion:112 Resp: 149934
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 38.982 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

MW-2

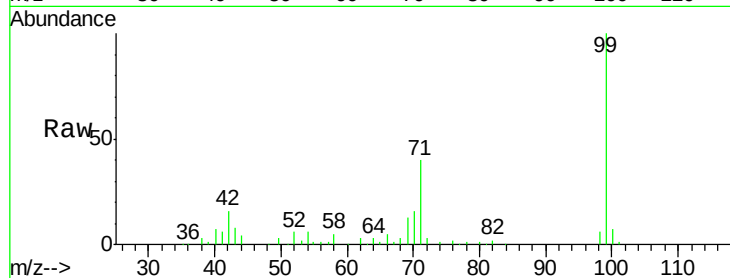
Tot Ion: 99 Resp: 117291

Ion Ratio Lower Upper

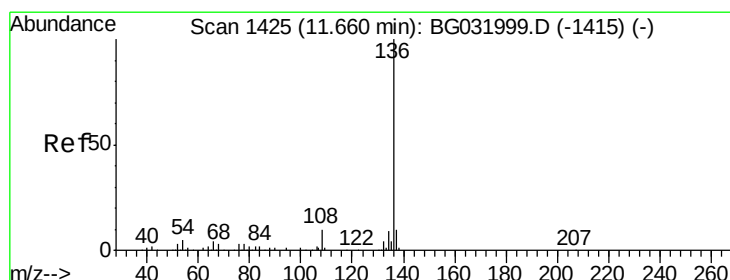
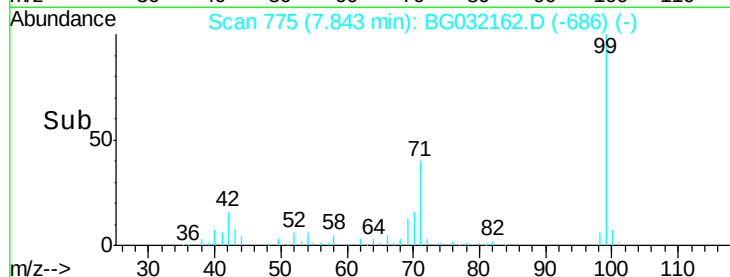
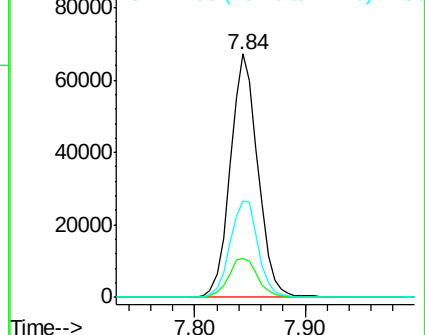
99 100

42 15.8 14.1 21.1

71 39.5 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# 1418

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Tgt Ion: 136 Resp: 176357

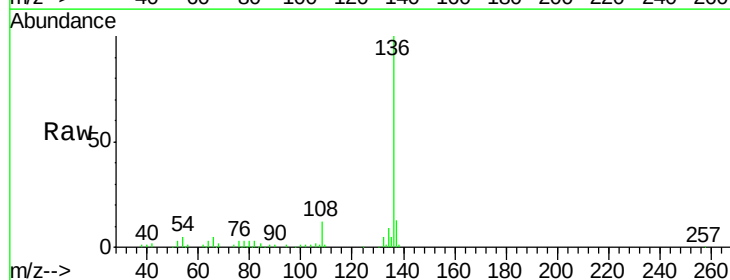
Ion Ratio Lower Upper

136 100

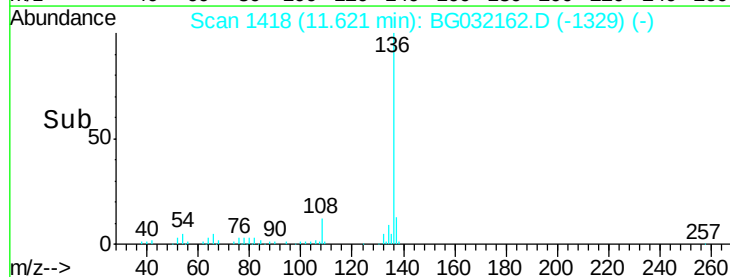
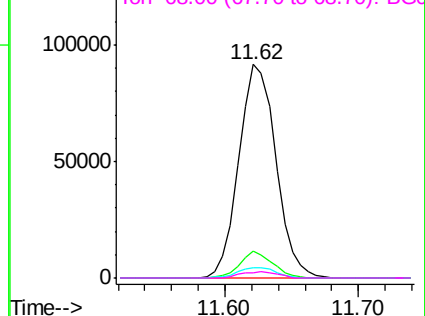
137 12.6 9.2 13.8

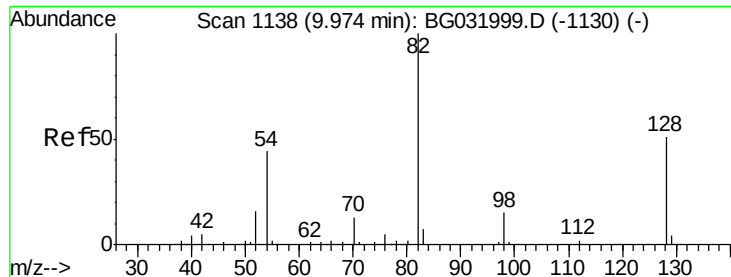
54 4.9 10.3 15.5#

68 2.2 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

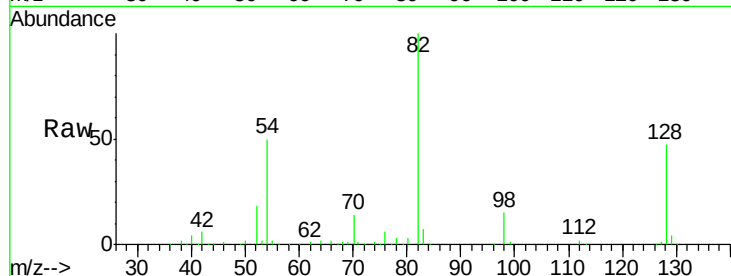




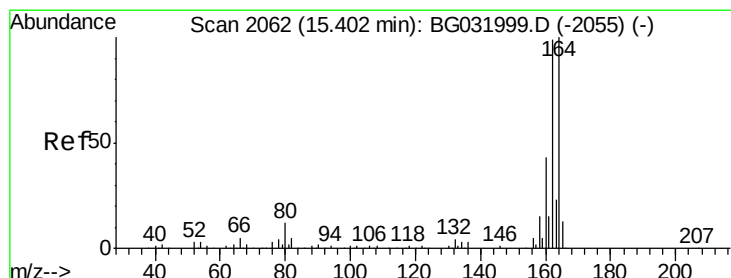
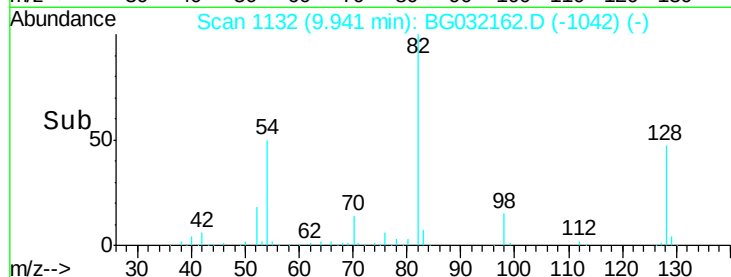
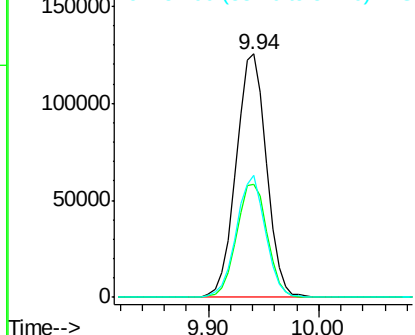
#23
Nitrobenzene-d5
Concen: 92.793 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion: 82 Resp: 241888
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 50.0 43.1 64.7

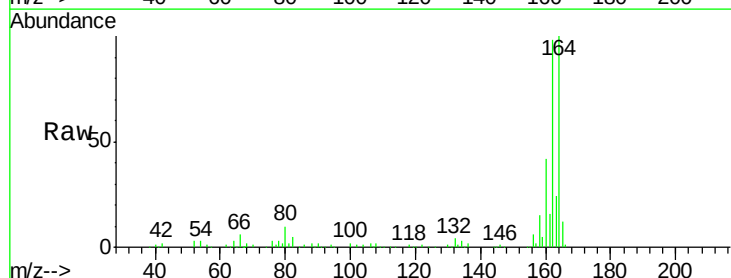


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

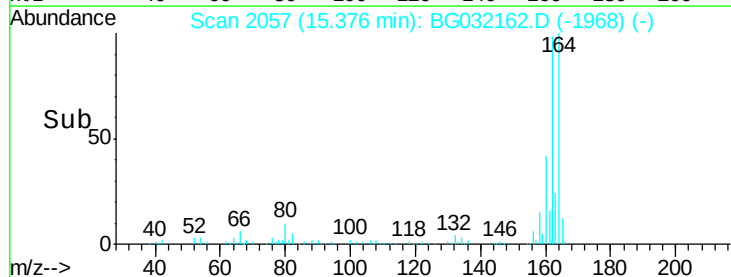
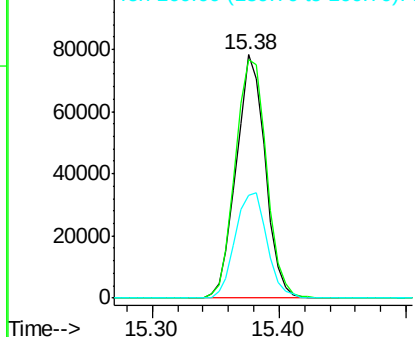


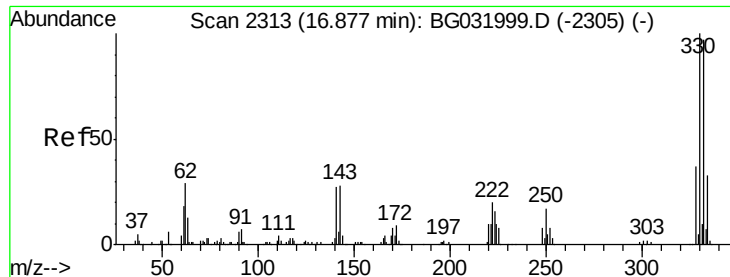
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Tgt Ion:164 Resp: 123416
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 42.0 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

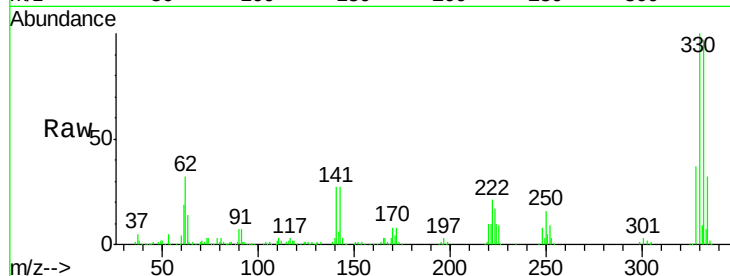




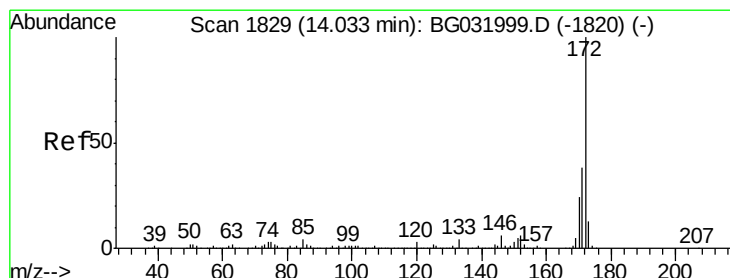
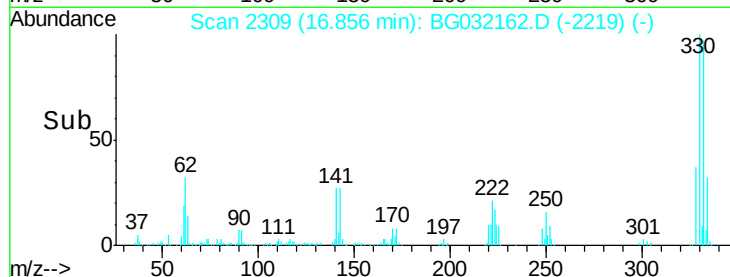
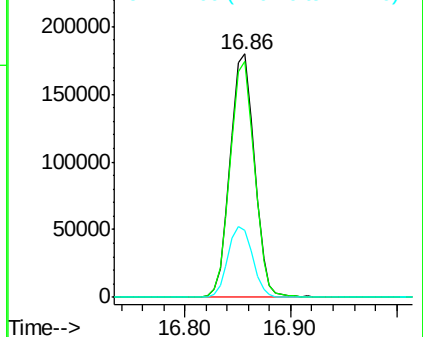
#41
 2,4,6-Tribromophenol
 Concen: 140.509 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.5	25.2	37.8

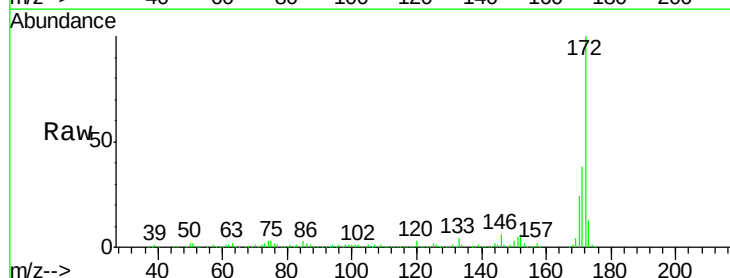


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

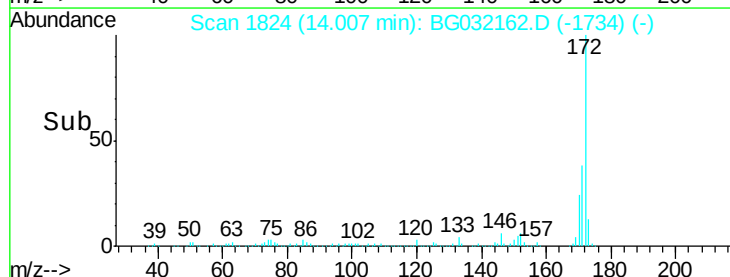
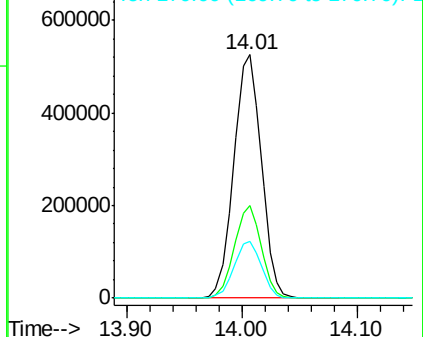


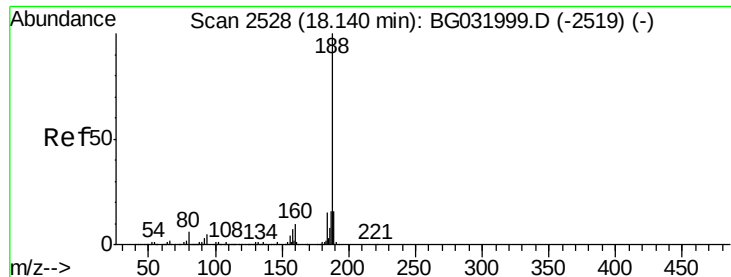
#44
 2-Fluorobiphenyl
 Concen: 87.112 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.5	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: 20.000 ng

RT: 18.11 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

MW-2

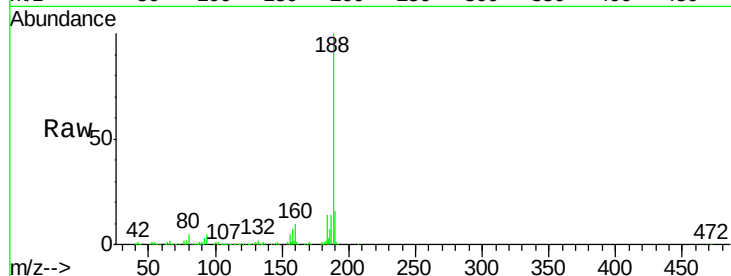
Tot Ion:188 Resp: 348435

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

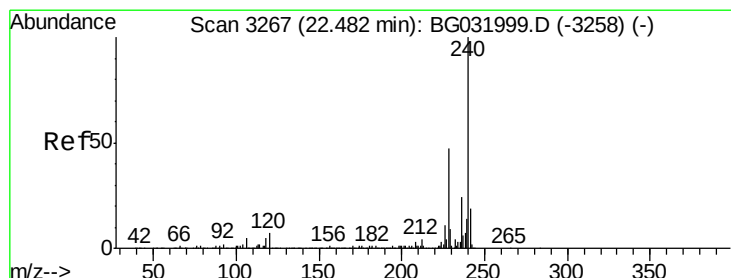
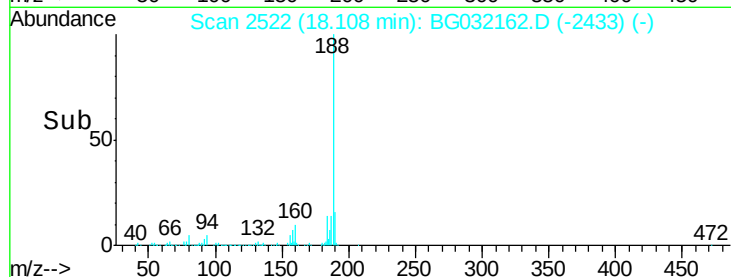
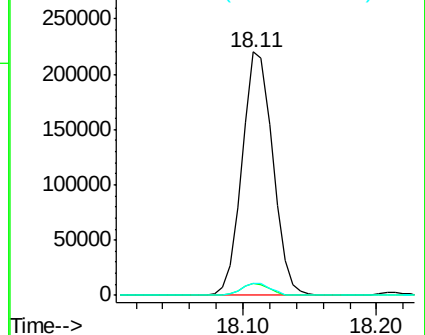
80 5.0 7.7 11.5#



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: 20.000 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

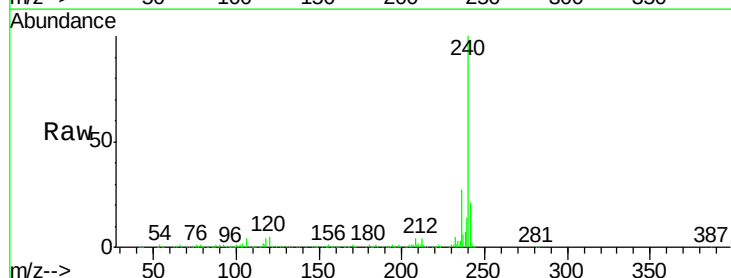
Tgt Ion:240 Resp: 458018

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

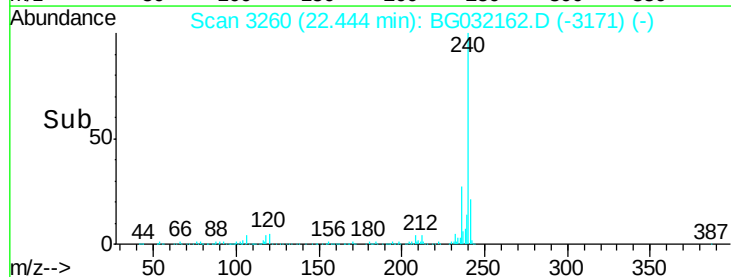
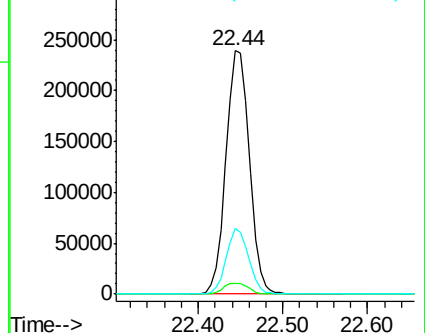
236 26.7 20.9 31.3

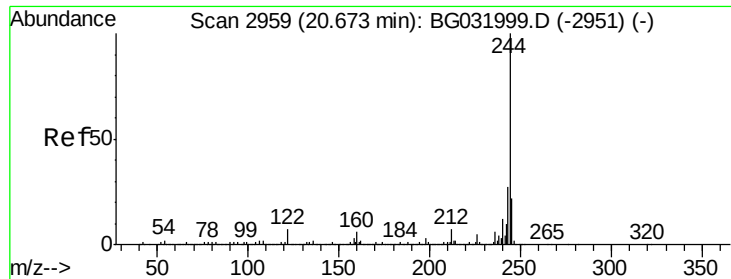


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.122 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

MW-2

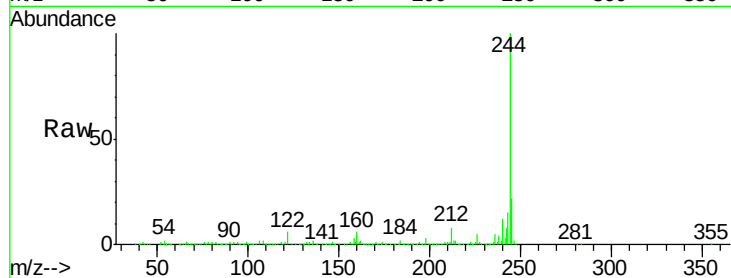
Tot Ion:244 Resp: 1827927

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

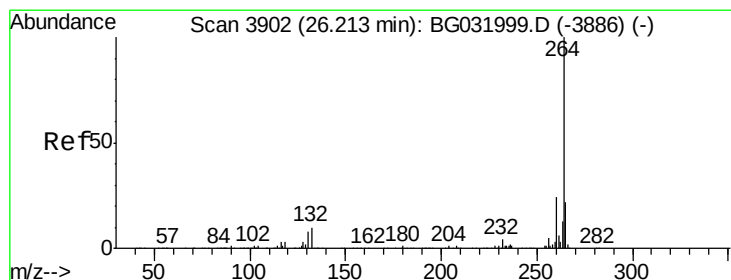
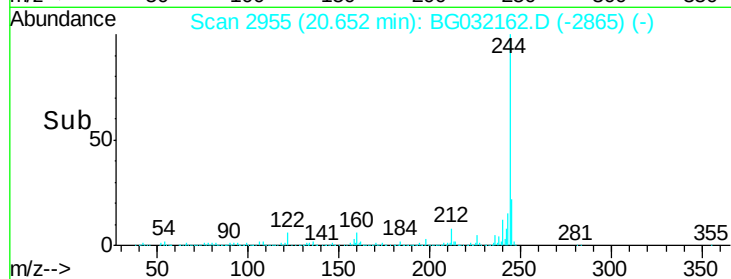
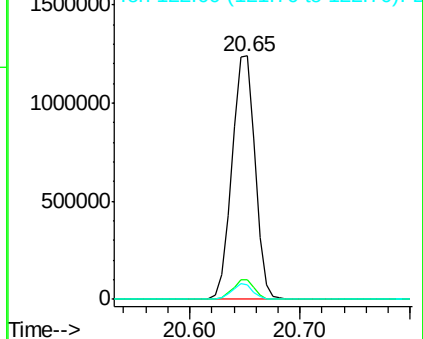
122 5.9 7.0 10.4#



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: 26.15 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

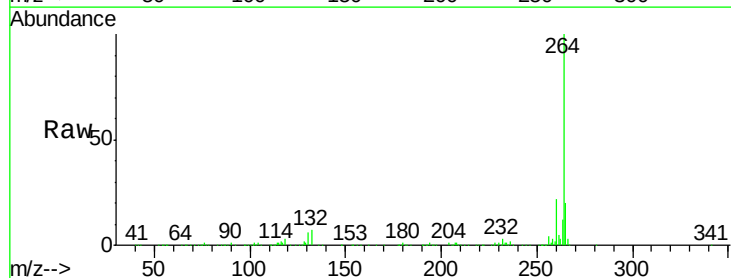
Tgt Ion:264 Resp: 481193

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.0 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

