

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032163.D
 Acq On : 19 Jan 2018 22:14
 Operator : SJ/JU
 Sample : J1205-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jan 20 01:20:34 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

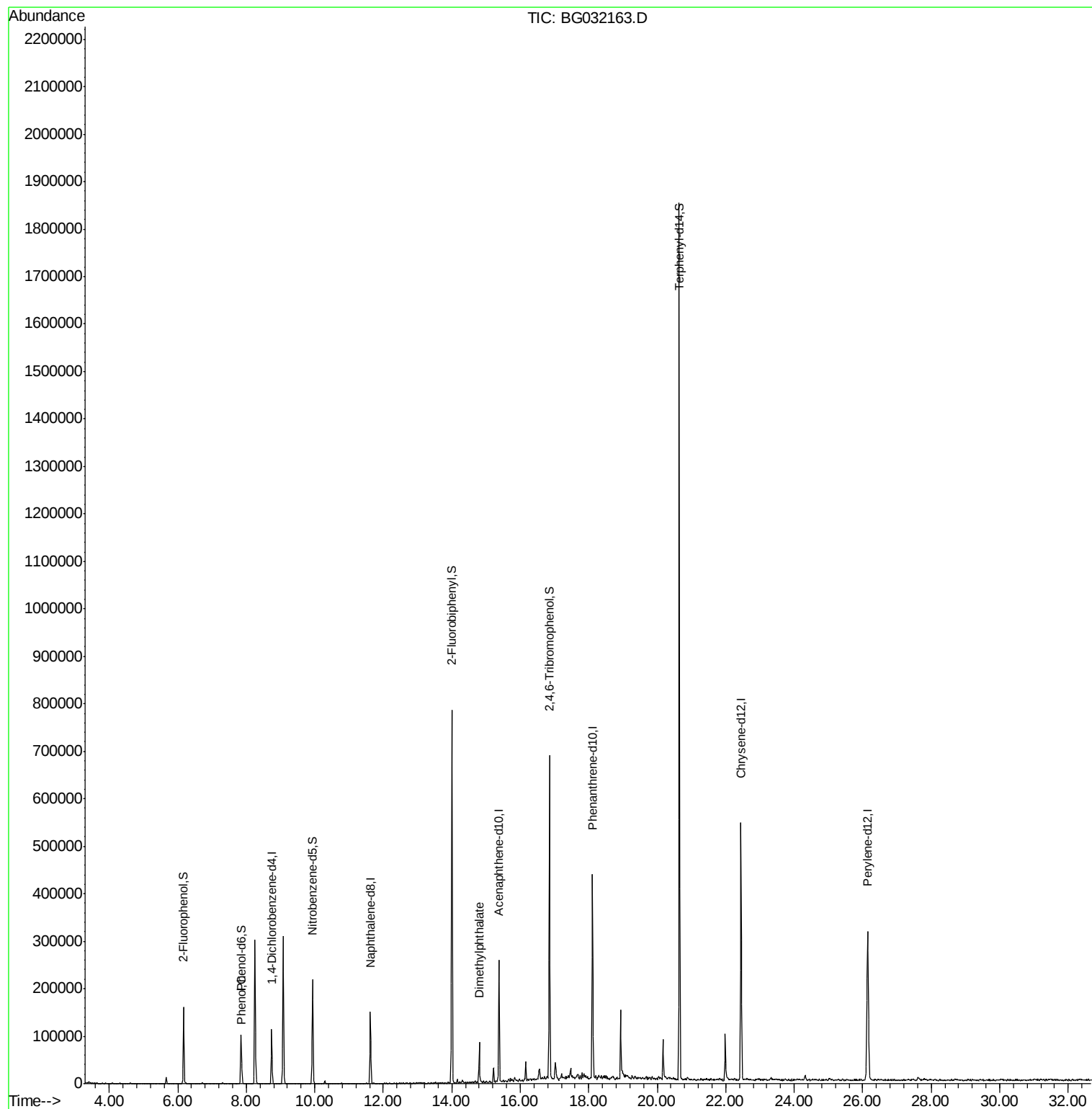
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	38781	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	150024	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	101263	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	287392	20.00	ng	0.00
75) Chrysene-d12	22.45	240	413297	20.00	ng	0.00
86) Perylene-d12	26.15	264	429775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	84472	39.84	ng	0.00
7) Phenol-d6	7.85	99	63481	23.77	ng	0.00
23) Nitrobenzene-d5	9.94	82	136211	61.43	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	151815	90.60	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	469791	57.53	ng	0.00
78) Terphenyl-d14	20.64	244	1017212	54.34	ng	0.00
Target Compounds						
10) Phenol	7.88	94	12970	4.930	ng	93
49) Dimethylphthalate	14.80	163	58831	6.639	ng	# 97

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

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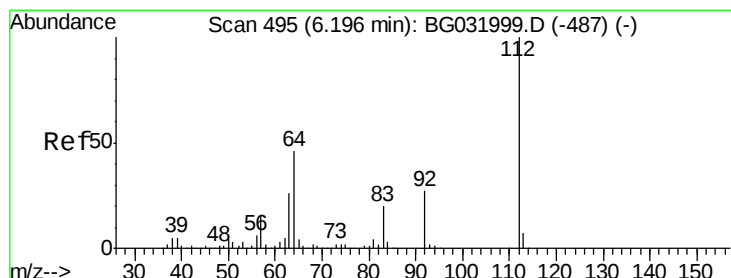
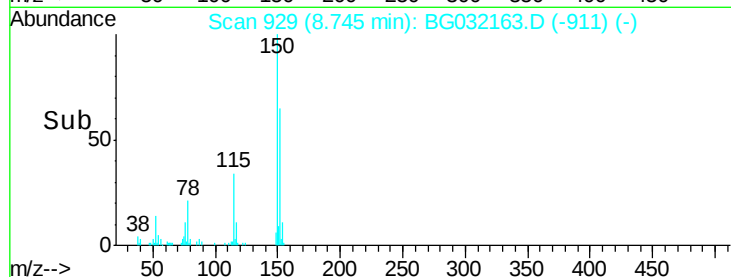
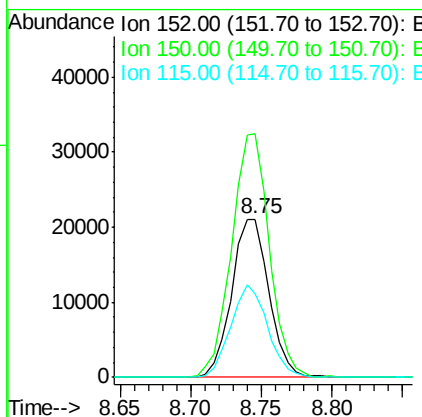
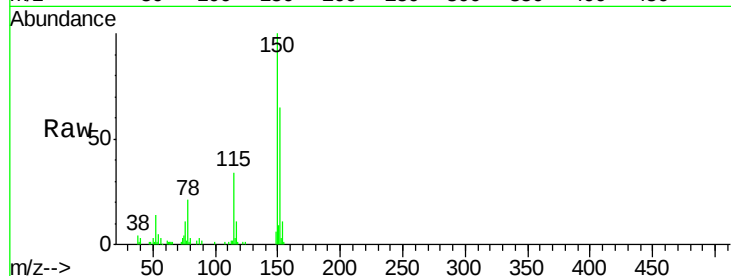


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032163.D
Acq: 19 Jan 2018 22:14

Instrument :
BNA_G
ClientSampleId :
MW-3

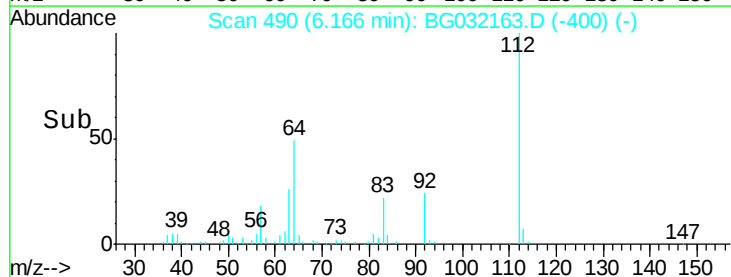
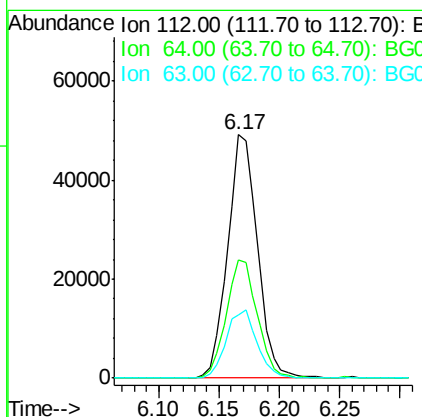
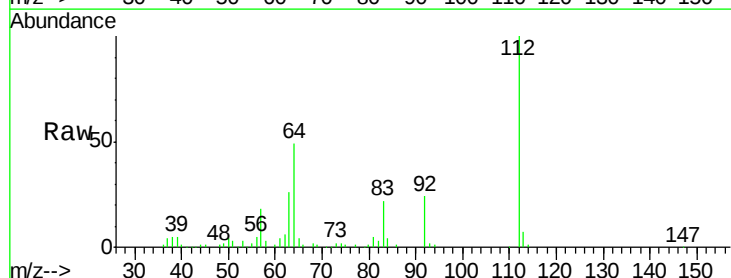
Tot Ion:152 Resp: 38781
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 52.6 53.0 79.4#

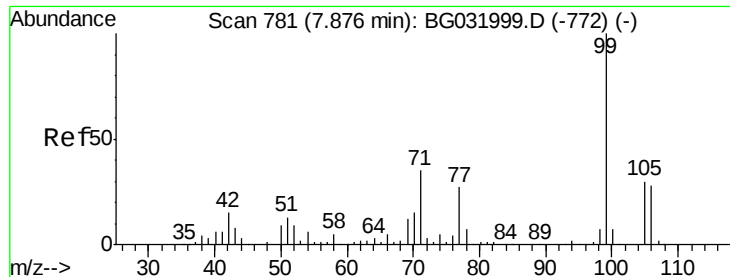


#5

2-Fluorophenol
Concen: 39.837 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.00 min
Lab File: BG032163.D
Acq: 19 Jan 2018 22:14

Tgt Ion:112 Resp: 84472
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 25.7 30.1 45.1#





#7

Phenol-d6

Concen: 23.771 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

Instrument :

BNA_G

ClientSampled :

MW-3

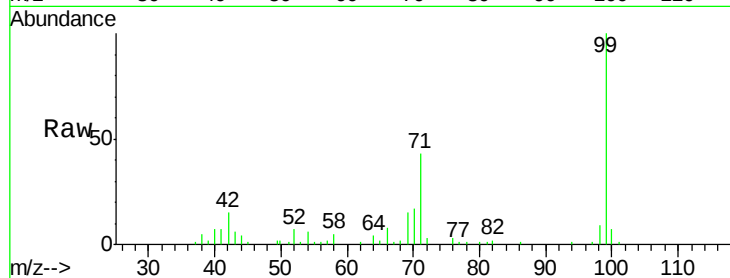
Tot Ion: 99 Resp: 63481

Ion Ratio Lower Upper

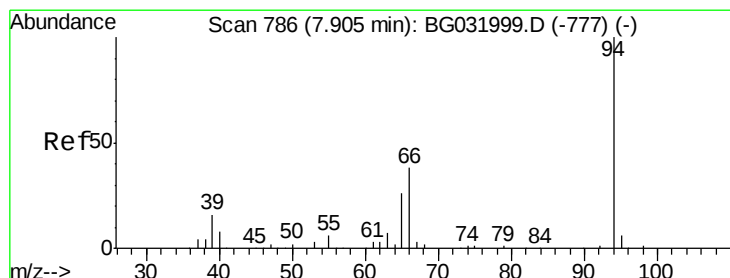
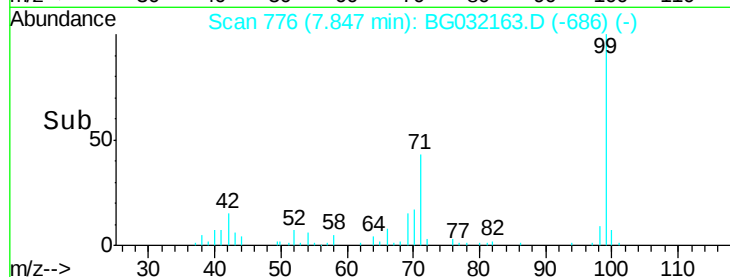
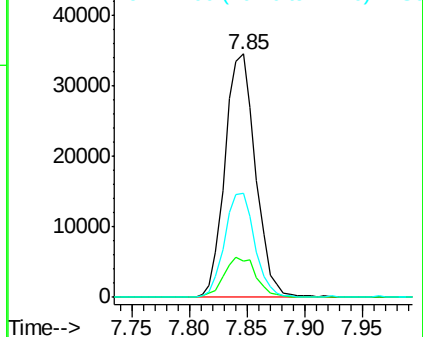
99 100

42 14.8 14.1 21.1

71 42.7 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



#10

Phenol

Concen: 4.930 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

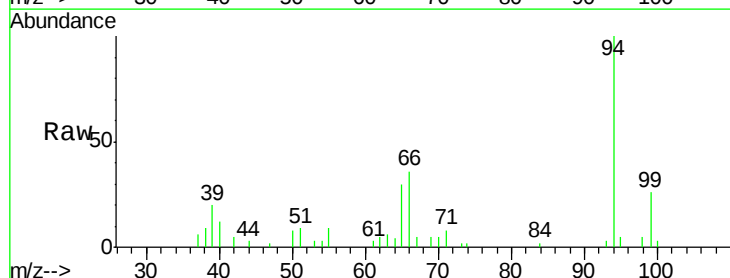
Tgt Ion: 94 Resp: 12970

Ion Ratio Lower Upper

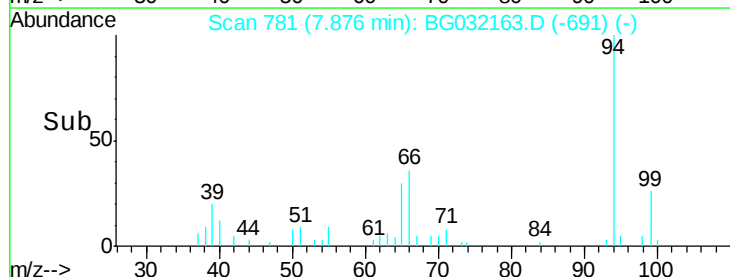
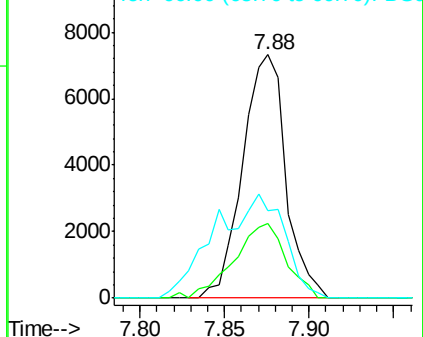
94 100

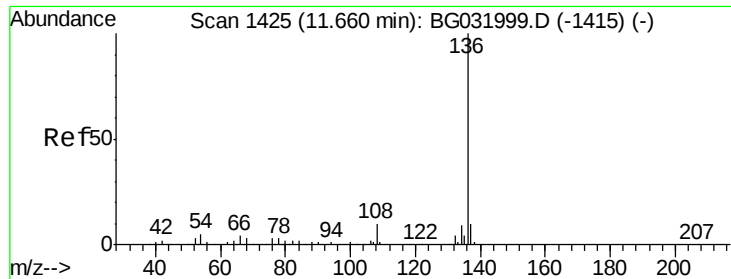
65 30.4 11.9 51.9

66 35.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

Instrument :

BNA_G

ClientSampleId :

MW-3

Tot Ion:136 Resp: 150024

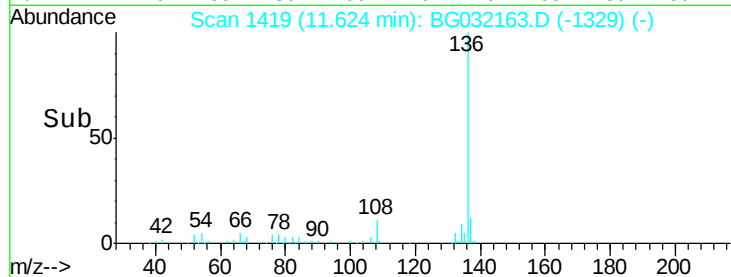
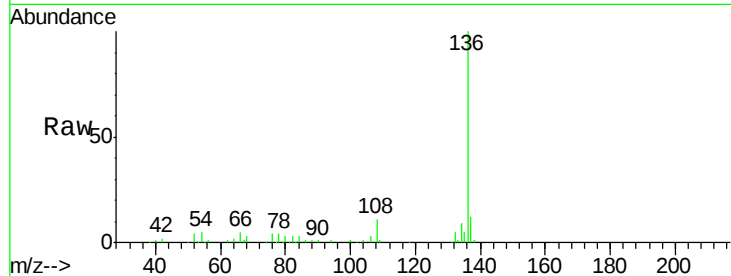
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 5.3 10.3 15.5#

68 2.8 4.5 6.7#

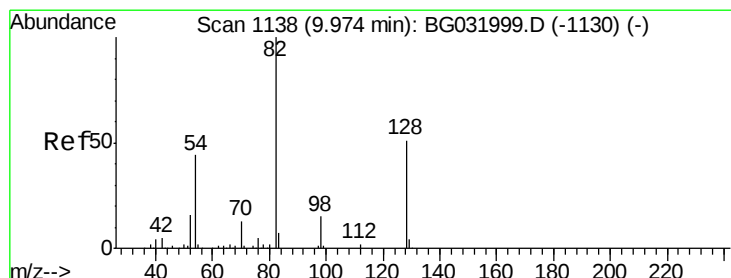
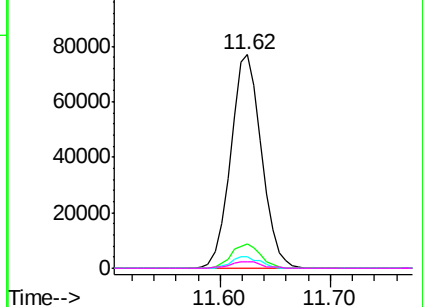


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 61.425 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

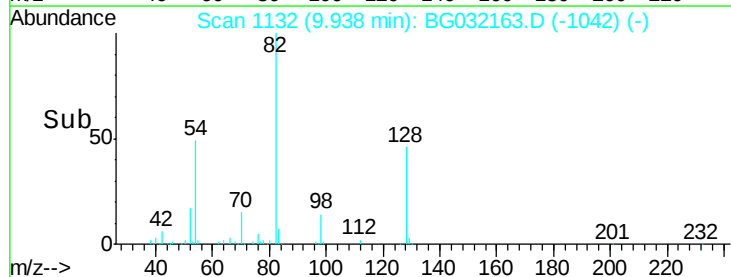
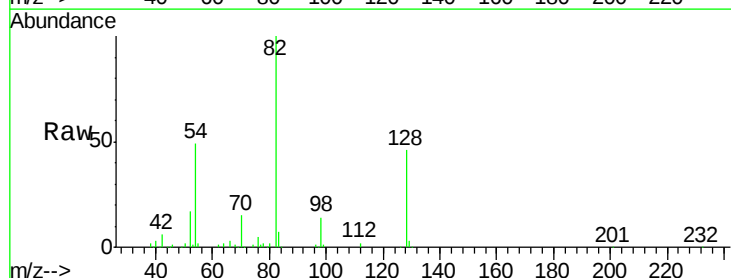
Tgt Ion: 82 Resp: 136211

Ion Ratio Lower Upper

82 100

128 45.8 29.7 44.5#

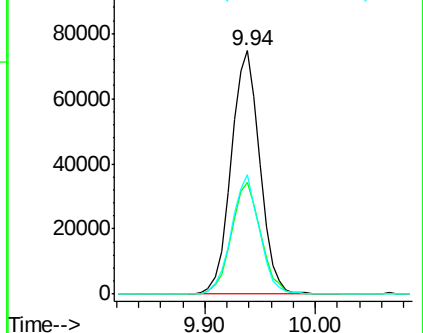
54 48.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG032163.D

Acq: 19 Jan 2018 22:14

Instrument :

BNA_G

ClientSampleId :

MW-3

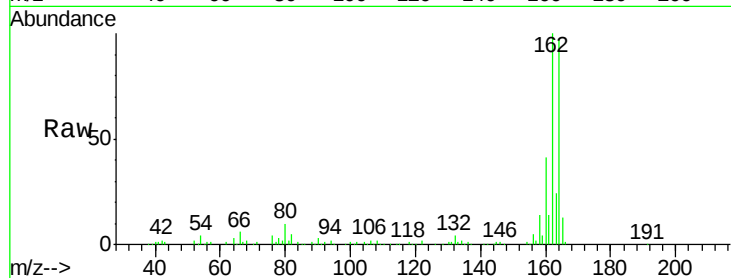
Tot Ion:164 Resp: 101263

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

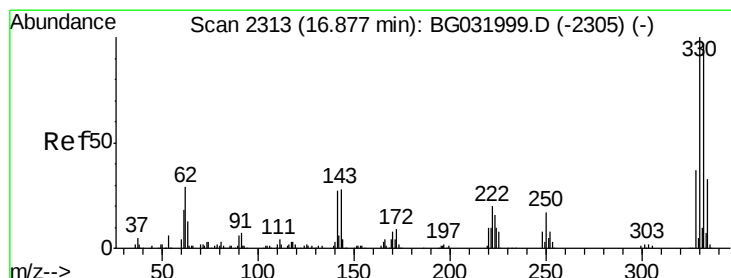
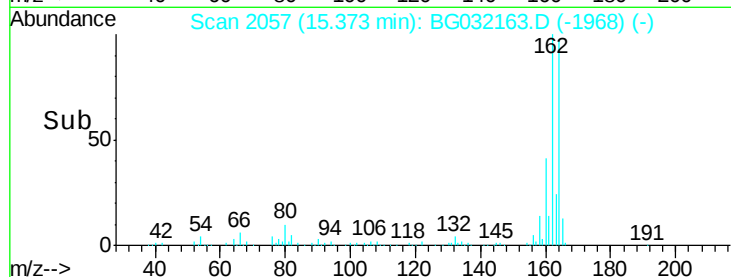
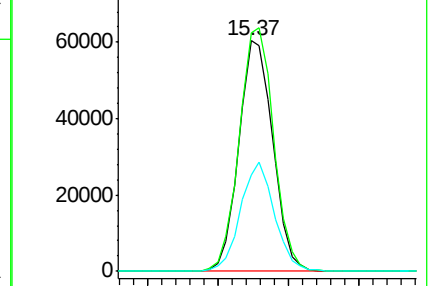
160 42.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 90.600 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

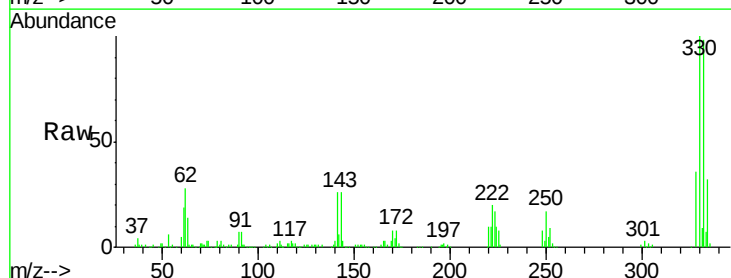
Tgt Ion:330 Resp: 151815

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

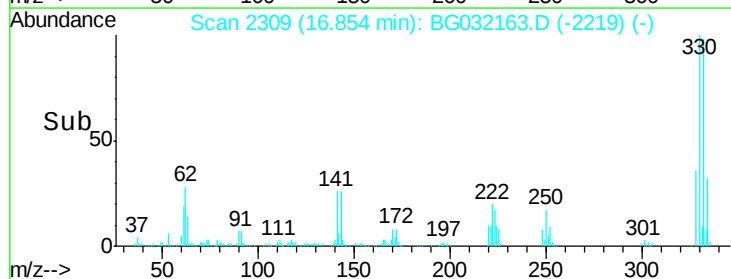
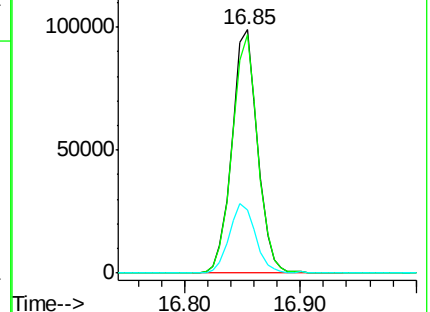
141 29.7 25.2 37.8

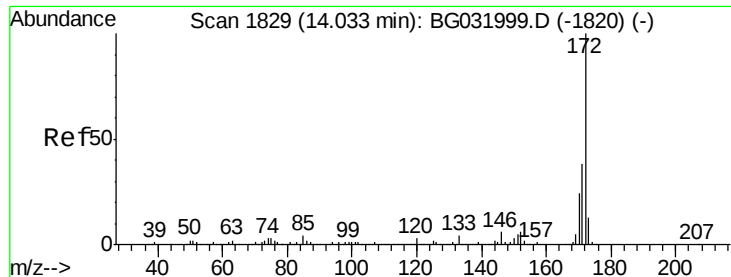


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

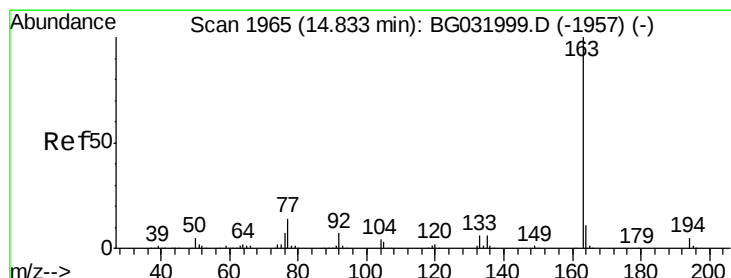
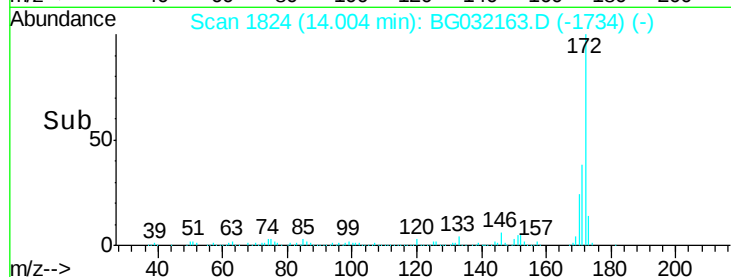
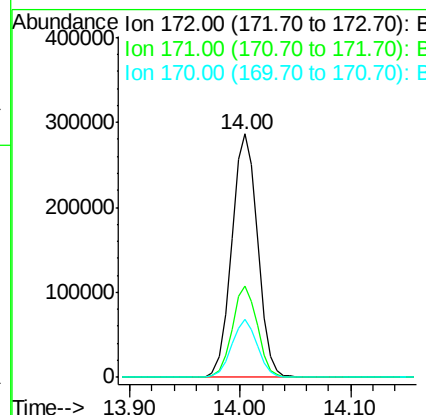
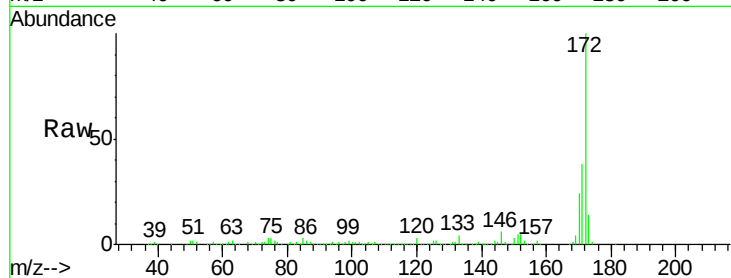




#44
2-Fluorobiphenyl
Concen: 57.525 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032163.D
Acq: 19 Jan 2018 22:14

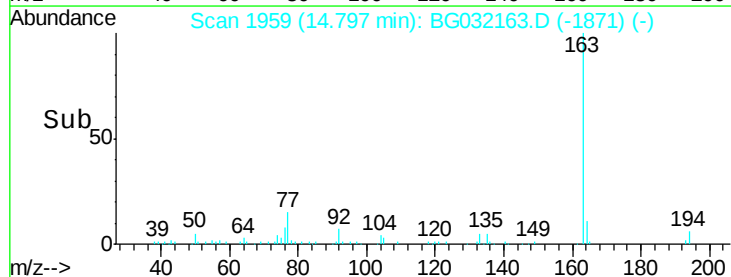
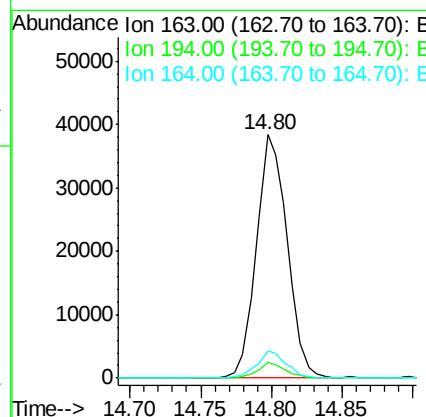
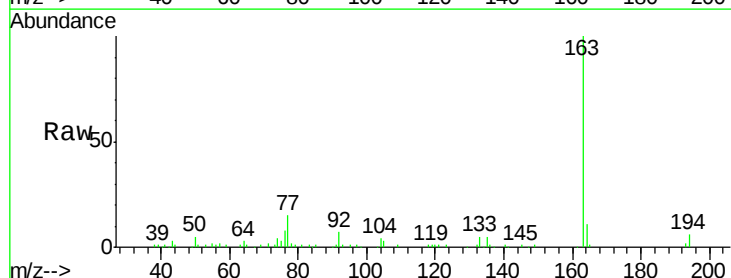
Instrument :
BNA_G
ClientSampleId :
MW-3

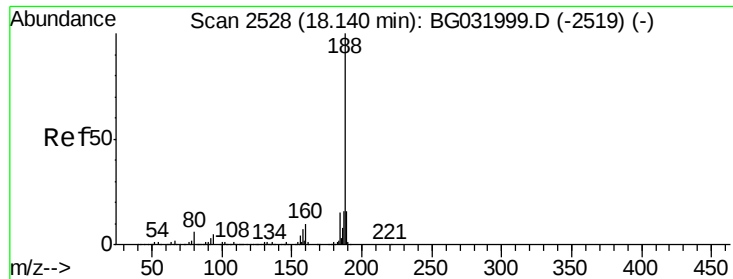
Tot Ion:172 Resp: 469791
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 6.639 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG032163.D
Acq: 19 Jan 2018 22:14

Tgt Ion:163 Resp: 58831
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 11.0 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

Instrument :

BNA_G

ClientSampleId :

MW-3

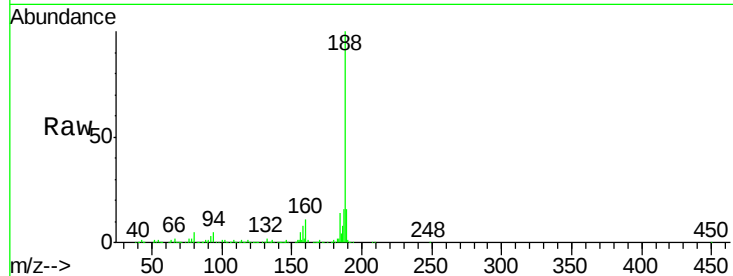
Tot Ion:188 Resp: 287392

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

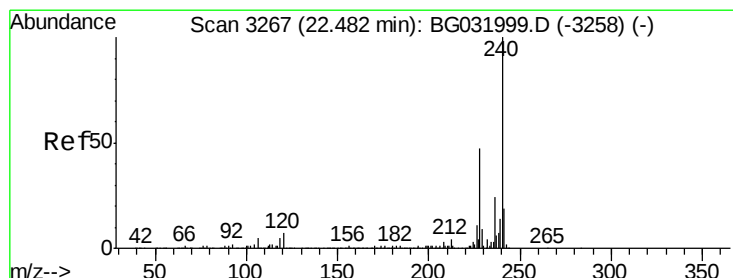
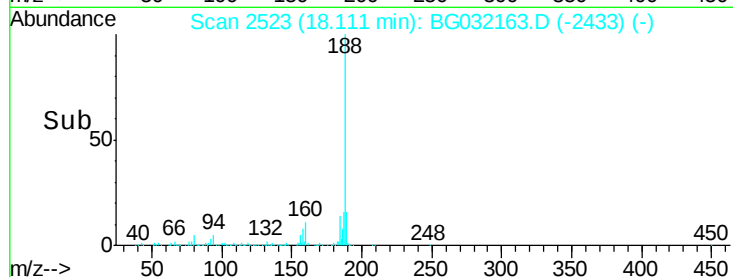
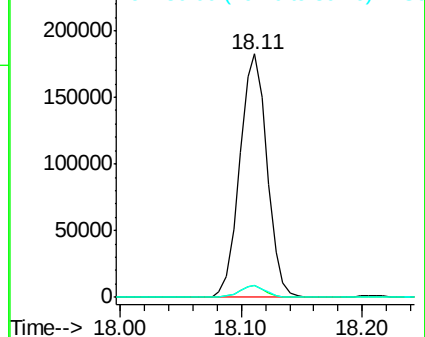
80 4.8 7.7 11.5#



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: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

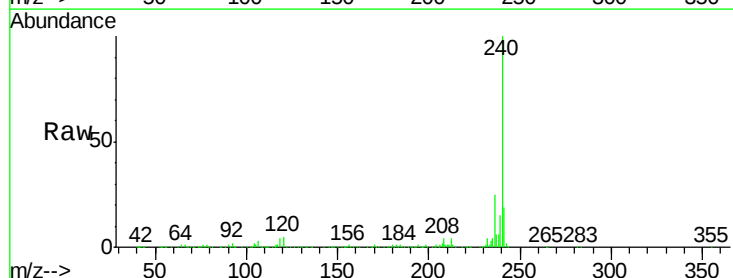
Tgt Ion:240 Resp: 413297

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

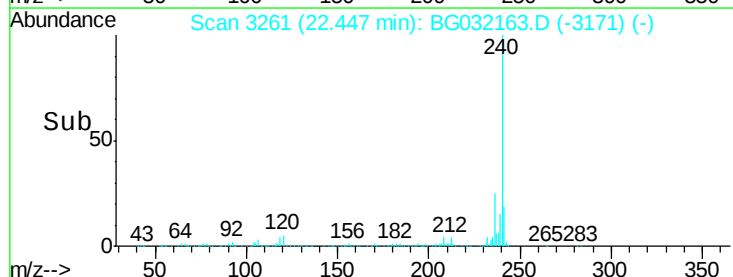
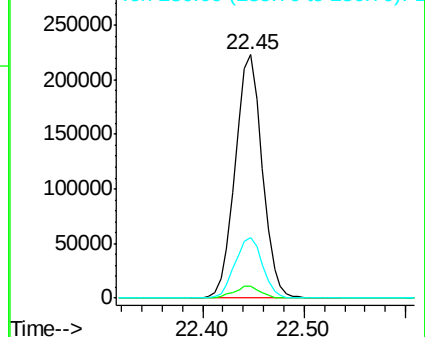
236 25.1 20.9 31.3

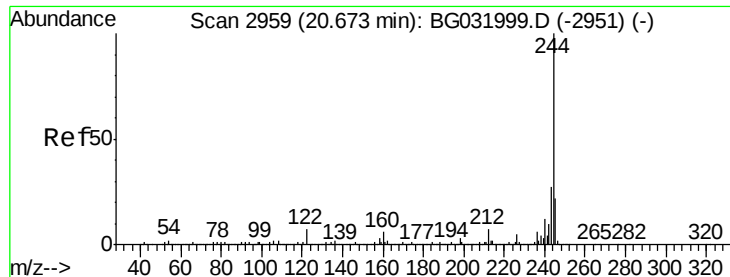


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.345 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

Instrument :

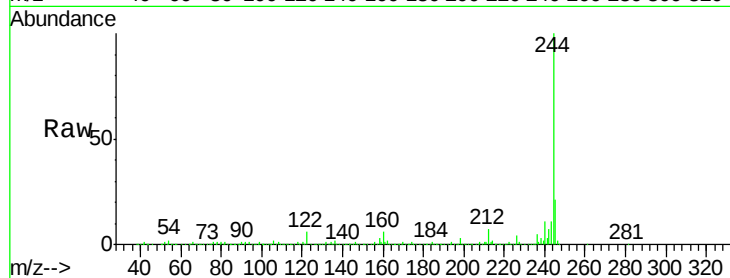
BNA_G

ClientSampleId :

MW-3

Tot Ion:244 Resp: 1017212

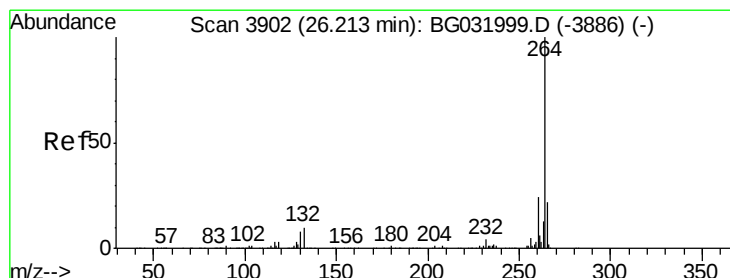
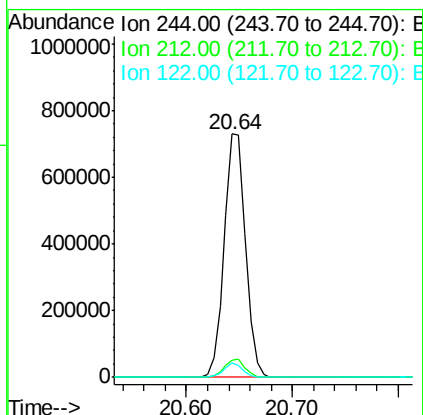
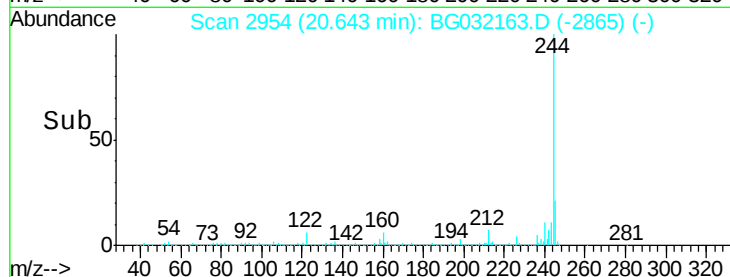
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	5.8	7.0	10.4



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: 26.15 min Scan# 3891

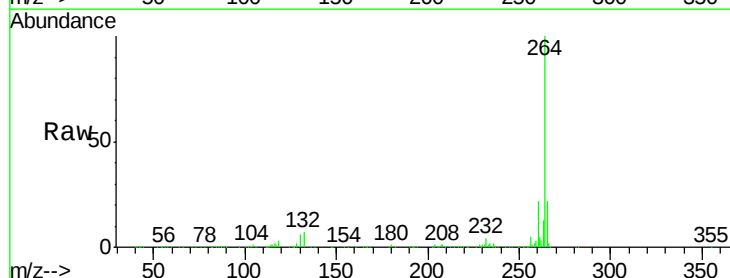
Delta R.T. -0.00 min

Lab File: BG032163.D

Acq: 19 Jan 2018 22:14

Tgt Ion:264 Resp: 429775

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.6	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

