

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019954.D
 Acq On : 5 Dec 2015 22:48
 Operator : UM/NP
 Sample : G4630-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Dec 07 01:21:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31986	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	141721	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	99505	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	245305	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	298081	20.00	ng	-0.04
86) Perylene-d12	25.03	264	282860	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	119277	67.40	ng	-0.01
7) Phenol-d6	7.26	99	113230	42.38	ng	-0.02
23) Nitrobenzene-d5	9.28	82	269723	97.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	207998	136.62	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	664772	91.22	ng	-0.02
78) Terphenyl-d14	20.08	244	1101115	90.10	ng	-0.03

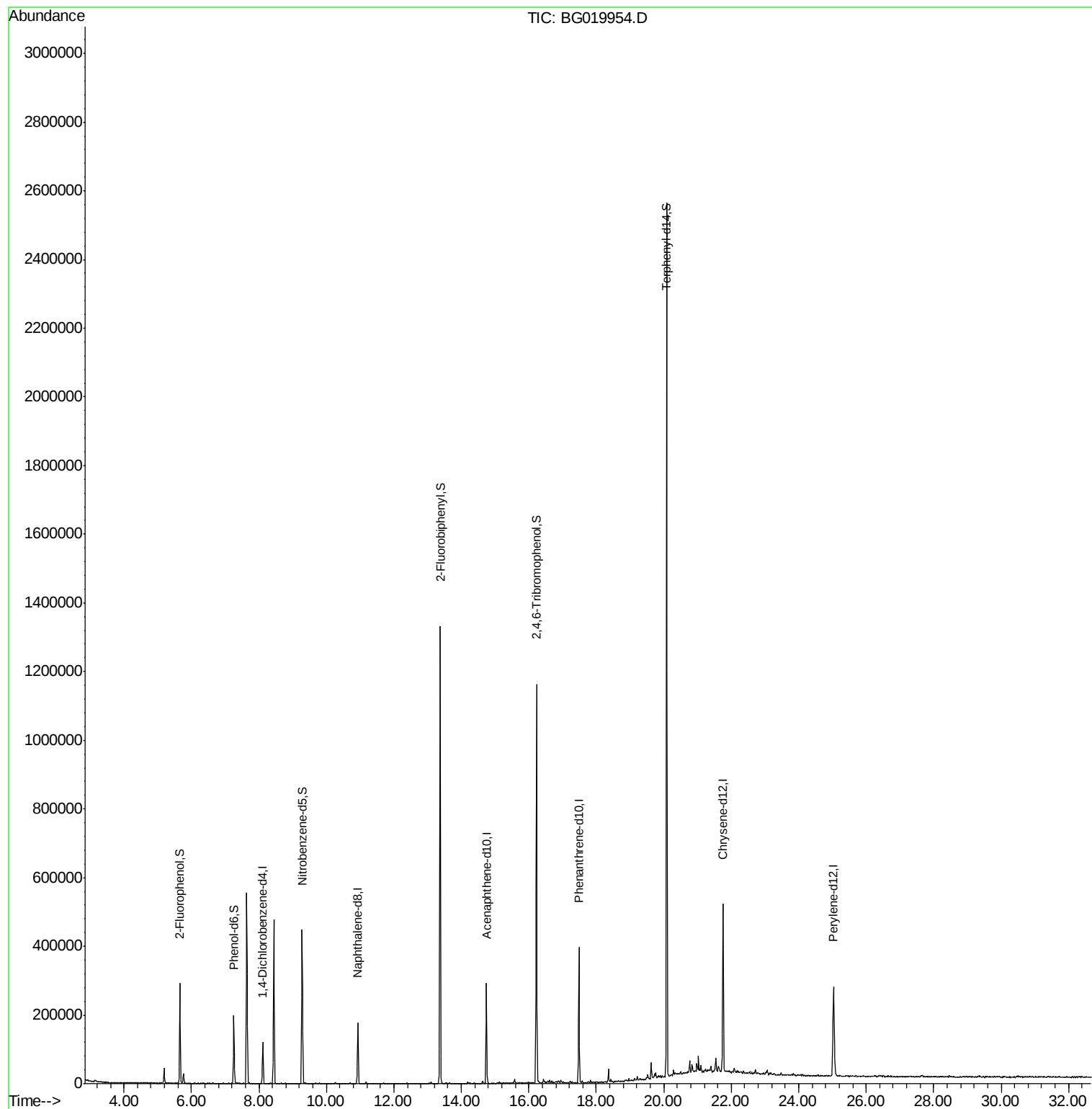
Target Compounds	Qvalue
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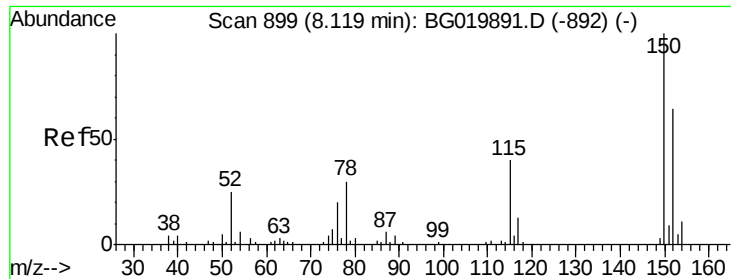
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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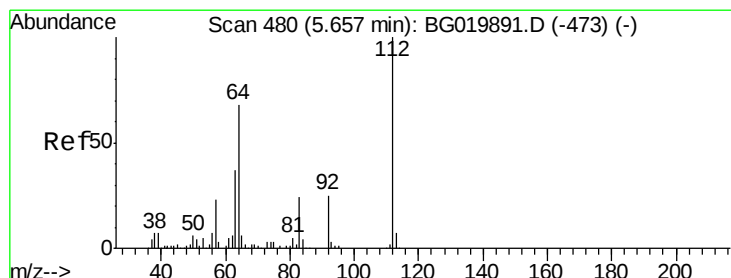
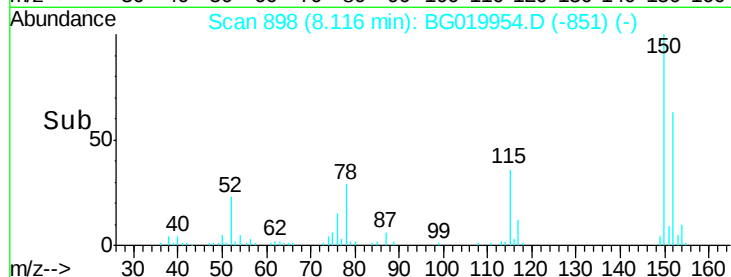
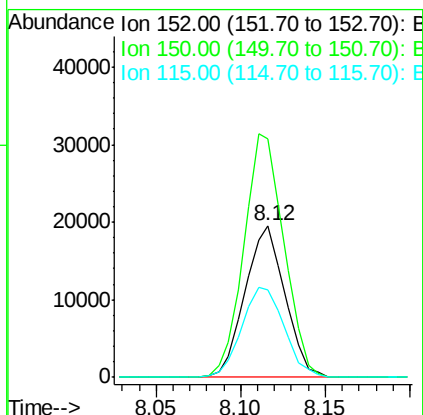
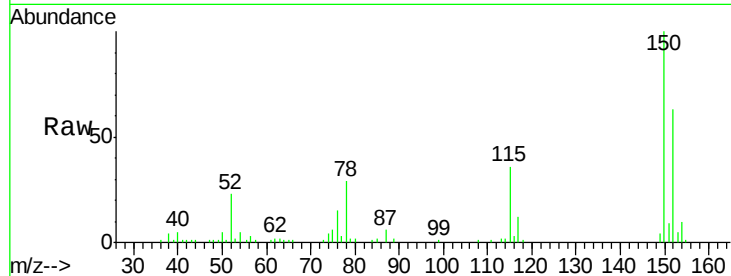


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_G
ClientSampleId :
MW-13

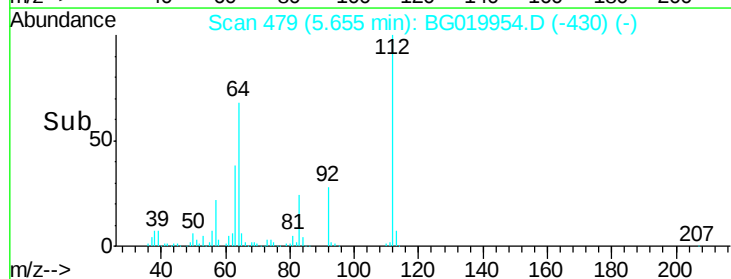
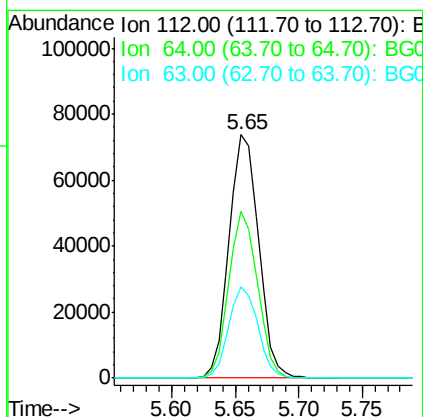
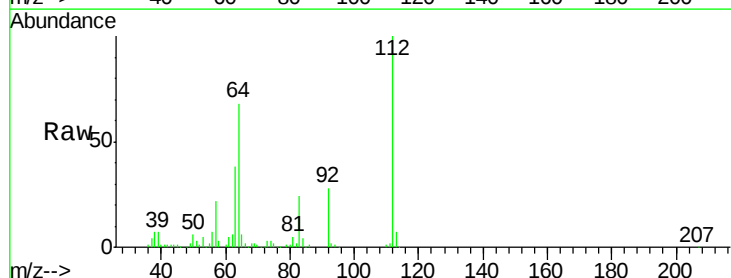
Tgt Ion:152 Resp: 31986
Ion Ratio Lower Upper
152 100
150 157.6 115.0 172.4
115 57.5 43.9 65.9

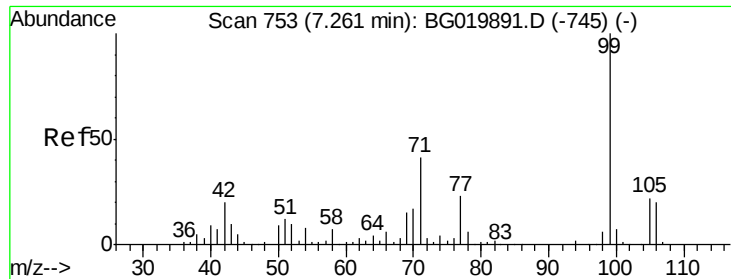


#5

2-Fluorophenol
Concen: 67.40 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

Tgt Ion:112 Resp: 119277
Ion Ratio Lower Upper
112 100
64 68.3 43.7 65.5#
63 37.5 24.0 36.0#





#7

Phenol-d6

Concen: 42.38 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019954.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_G

ClientSampleId :

MW-13

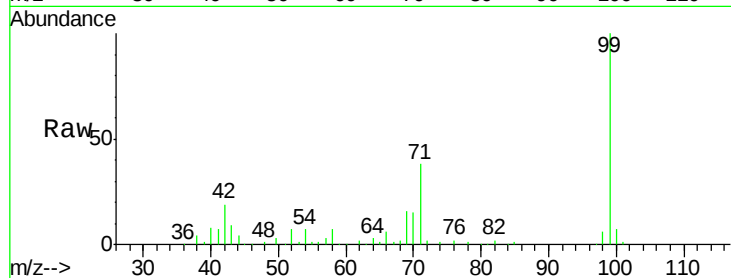
Tgt Ion: 99 Resp: 113230

Ion Ratio Lower Upper

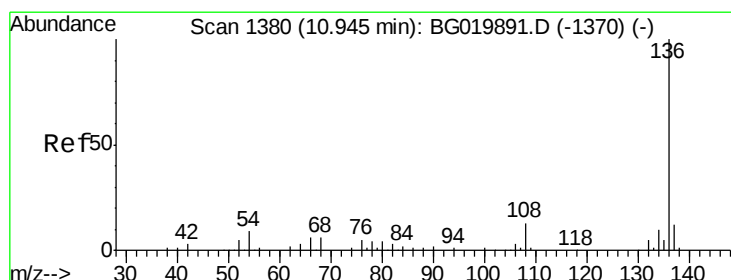
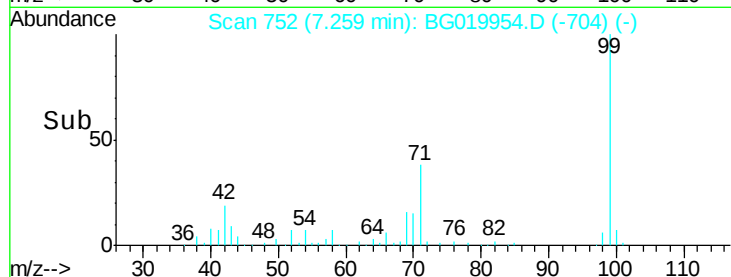
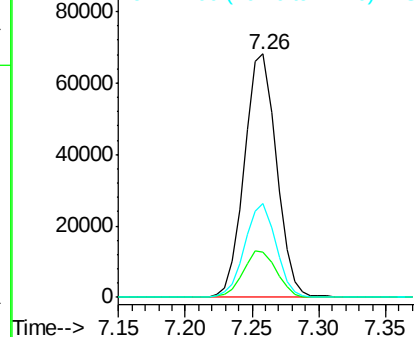
99 100

42 18.7 11.5 17.3#

71 38.5 22.6 34.0#



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: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019954.D

Acq: 5 Dec 2015 22:48

Tgt Ion: 136 Resp: 141721

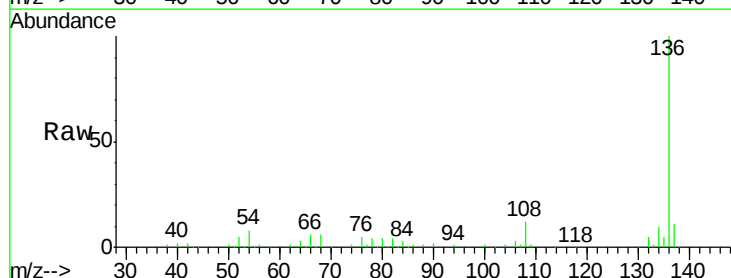
Ion Ratio Lower Upper

136 100

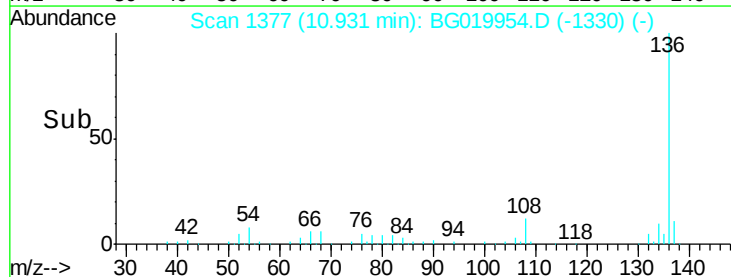
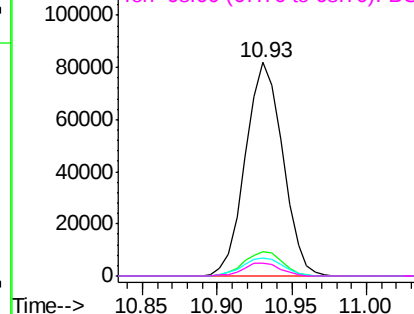
137 11.2 8.6 12.8

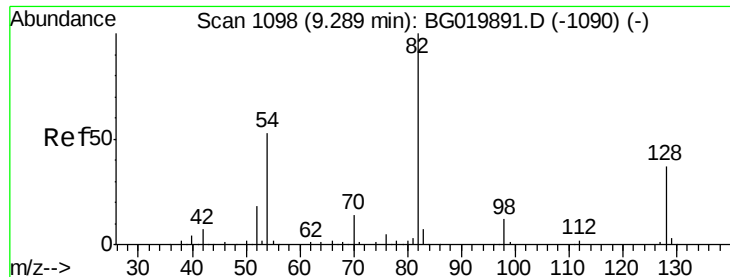
54 8.4 5.4 8.2#

68 5.9 5.3 7.9



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

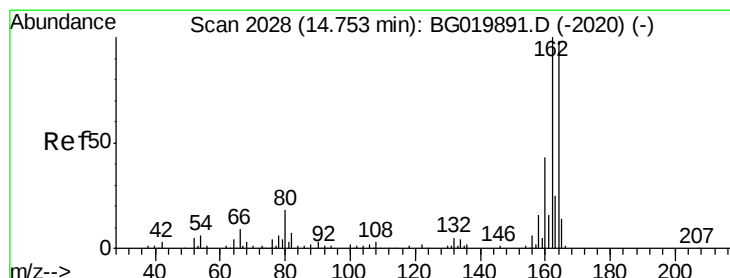
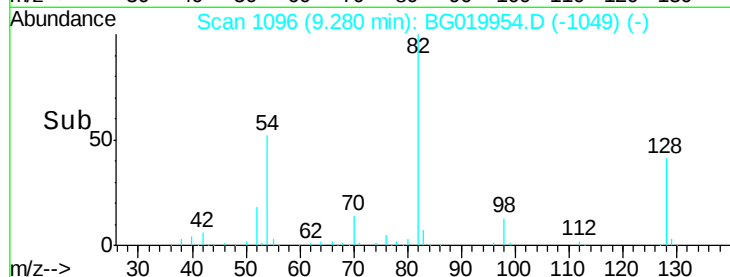
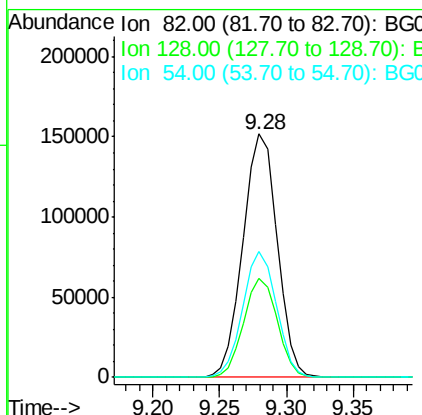
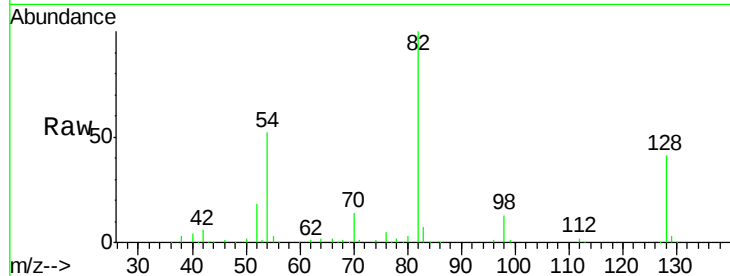




#23
Nitrobenzene-d5
Concen: 97.13 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

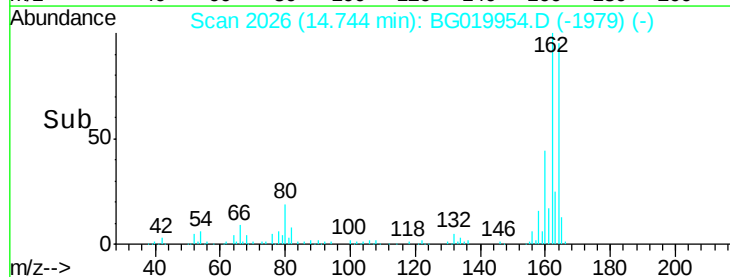
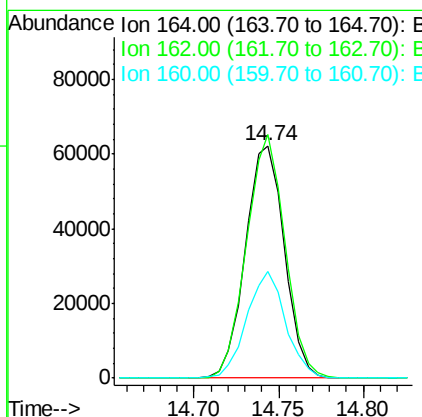
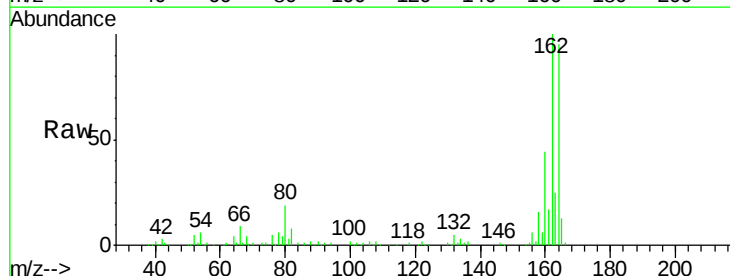
Instrument :
BNA_G
ClientSampleId :
MW-13

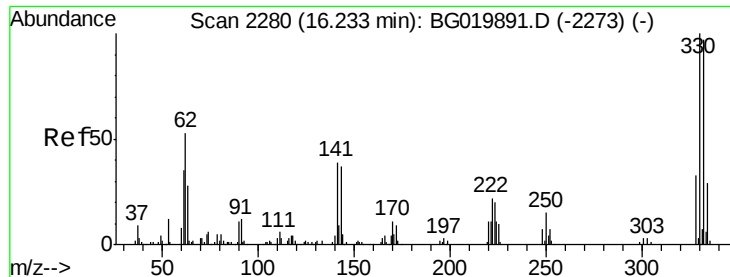
Tgt Ion: 82 Resp: 269723
Ion Ratio Lower Upper
82 100
128 40.8 36.7 55.1
54 51.8 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

Tgt Ion: 164 Resp: 99505
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 45.9 36.4 54.6

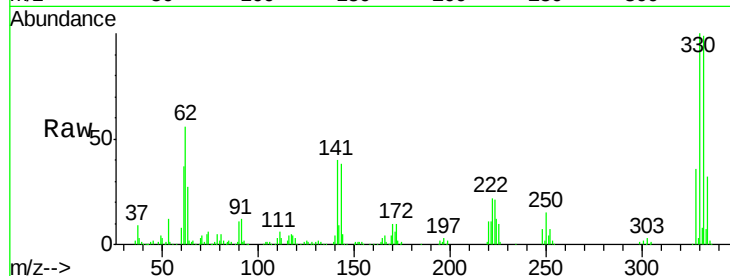




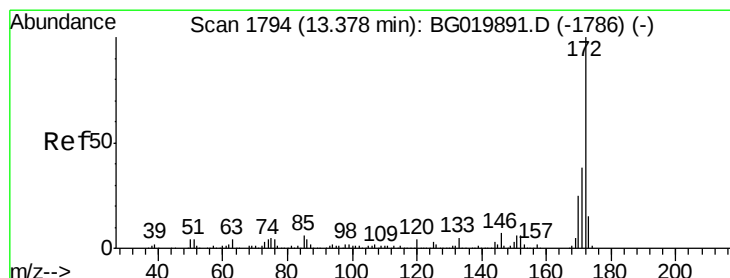
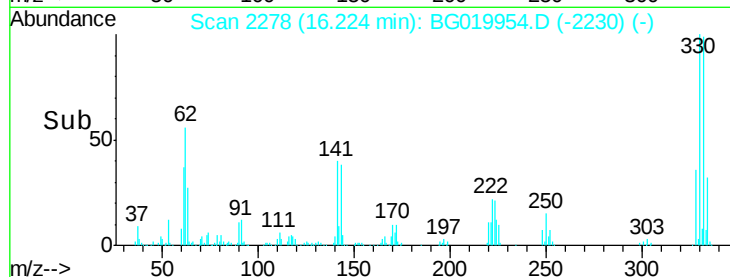
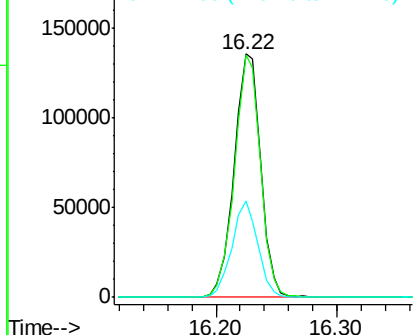
#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019954.D
 Acq: 5 Dec 2015 22:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Tgt Ion:330 Resp: 207998
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 38.6 28.2 42.2

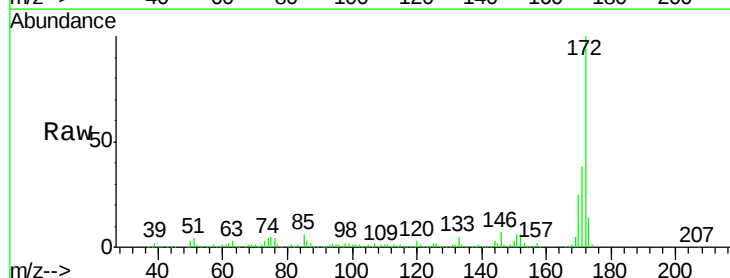


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

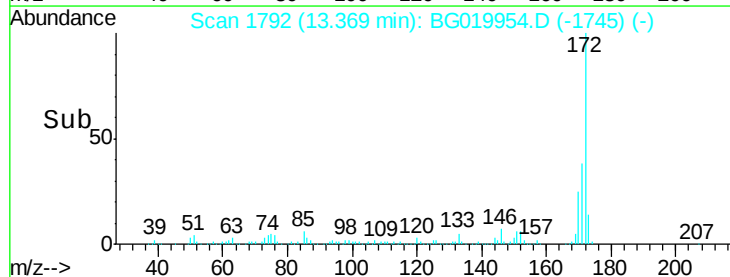
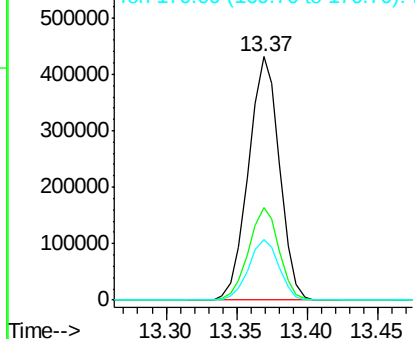


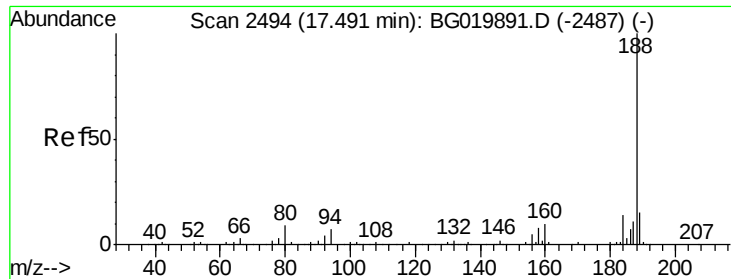
#44
 2-Fluorobiphenyl
 Concen: 91.22 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019954.D
 Acq: 5 Dec 2015 22:48

Tgt Ion:172 Resp: 664772
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.6
 170 25.1 19.9 29.9



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

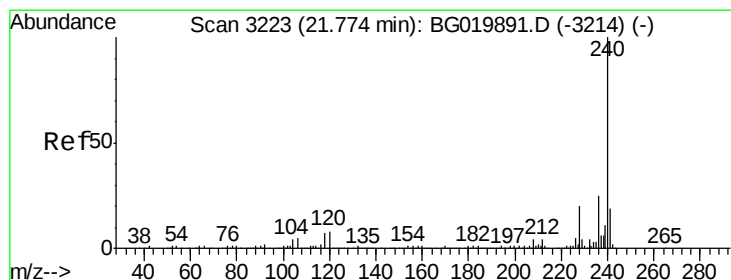
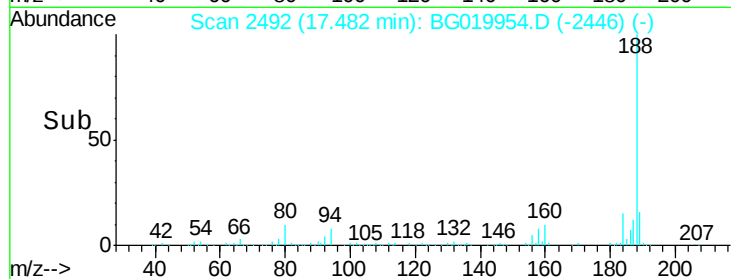
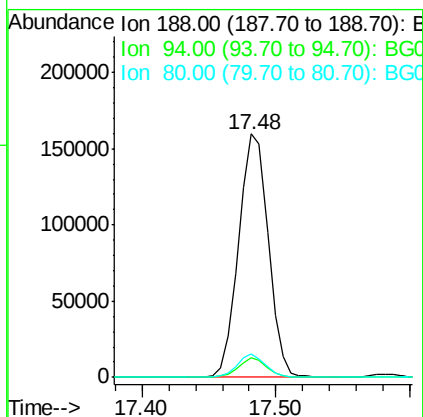
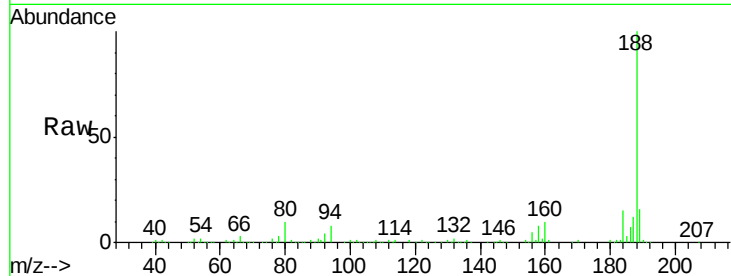




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

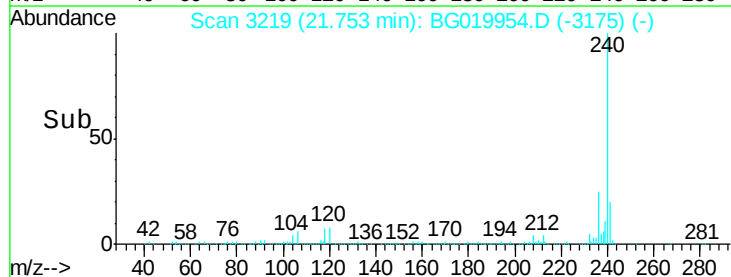
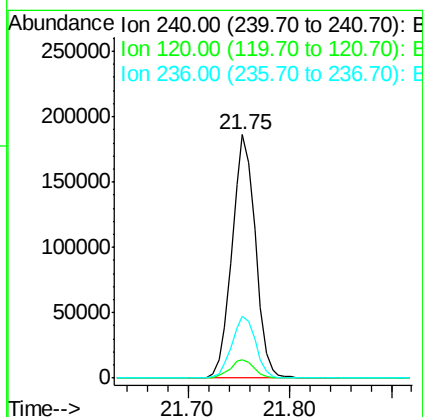
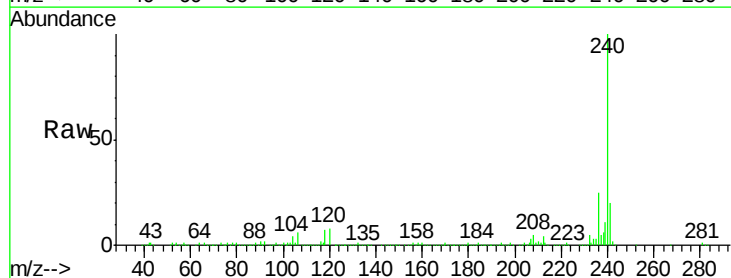
Instrument :
BNA_G
ClientSampleId :
MW-13

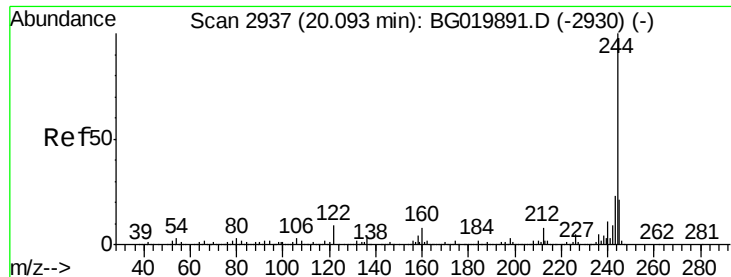
Tgt Ion:188 Resp: 245305
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

Tgt Ion:240 Resp: 298081
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 90.10 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019954.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_G

ClientSampled :

MW-13

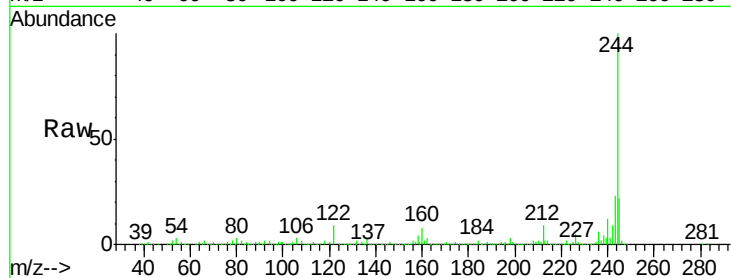
Tgt Ion:244 Resp: 1101115

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

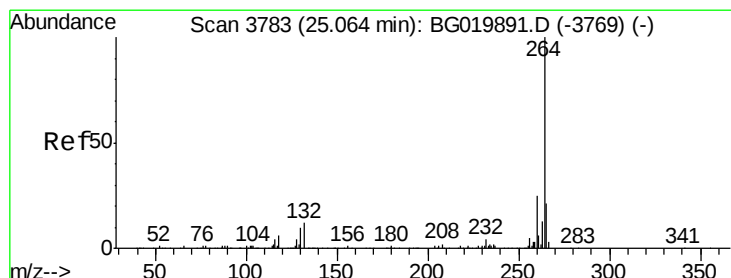
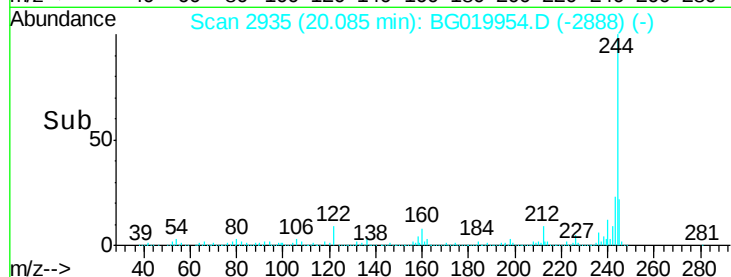
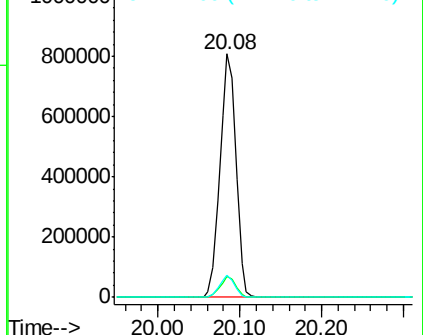
122 9.0 10.2 15.2#



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: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG019954.D

Acq: 5 Dec 2015 22:48

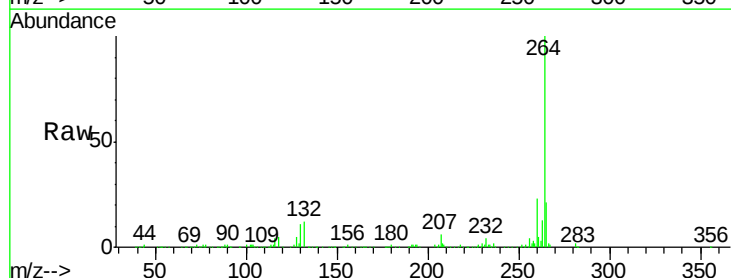
Tgt Ion:264 Resp: 282860

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 17.2 25.8



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

