

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

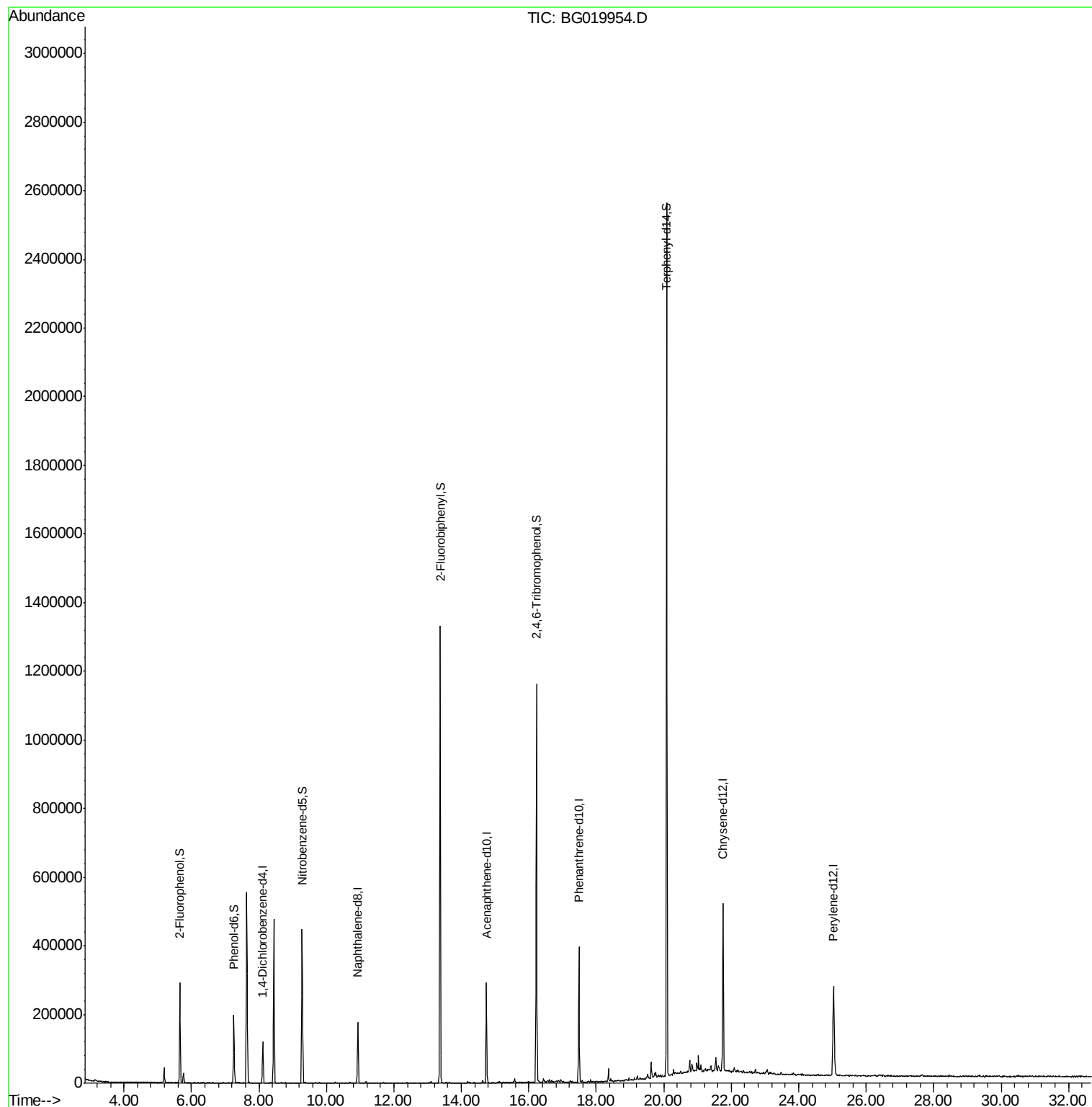
Target Compounds Qvalue

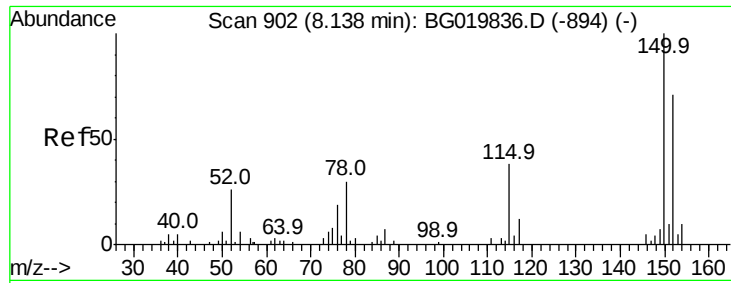
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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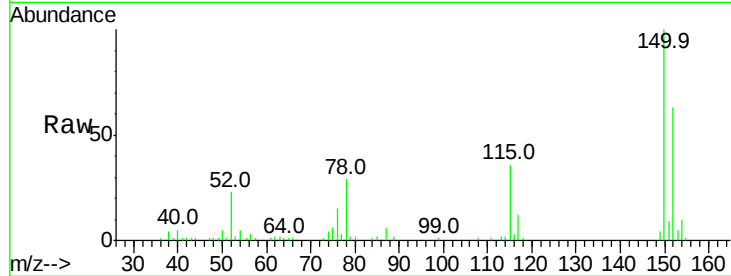


#1

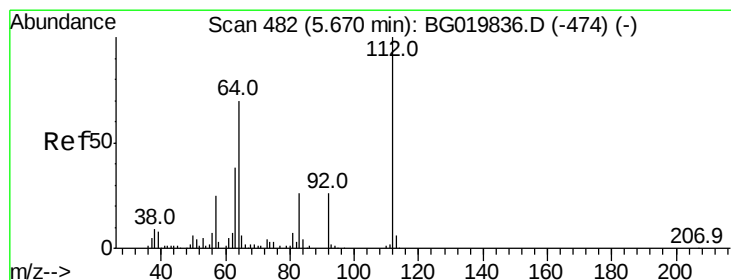
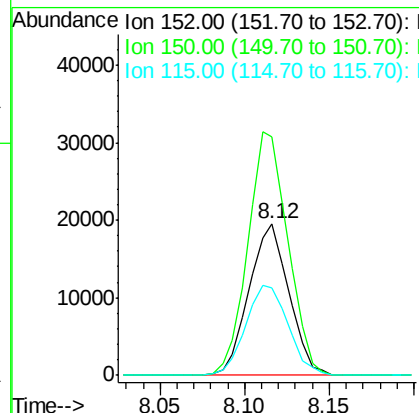
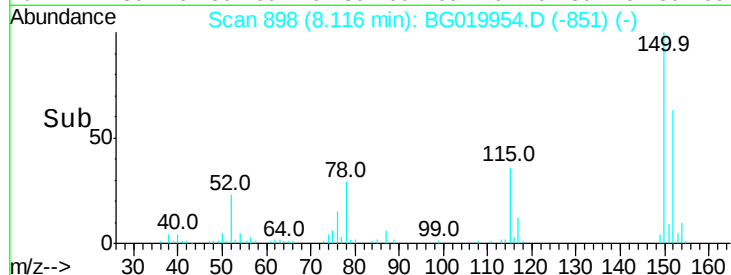
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_G
ClientSampleId :
MW-13

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



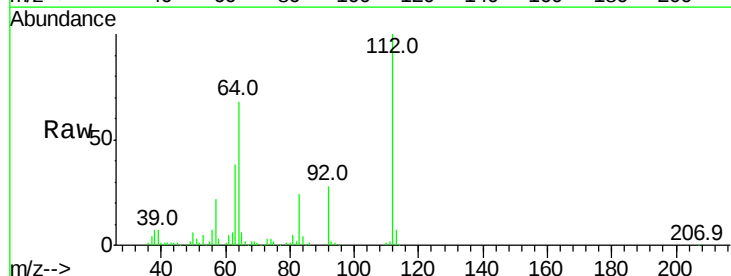
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



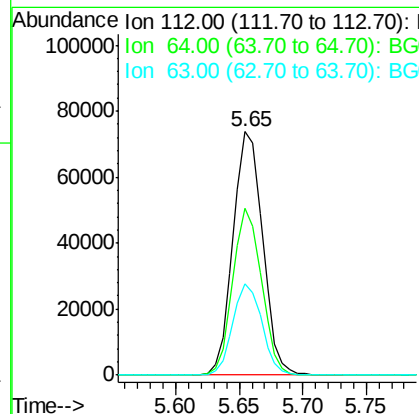
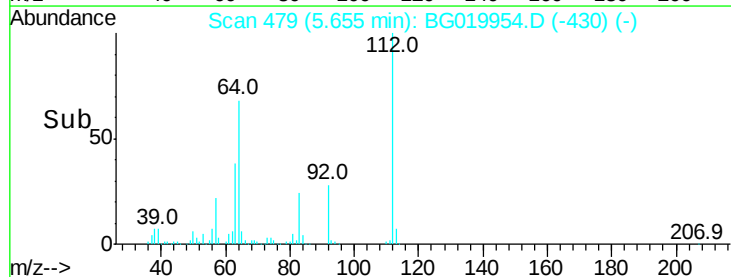
#5

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#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#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

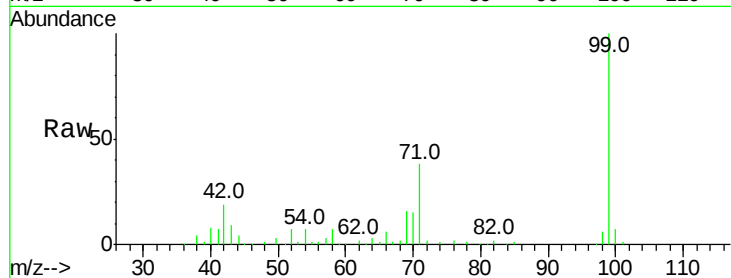
Tot Ion: 99 Resp: 113230

Ion Ratio Lower Upper

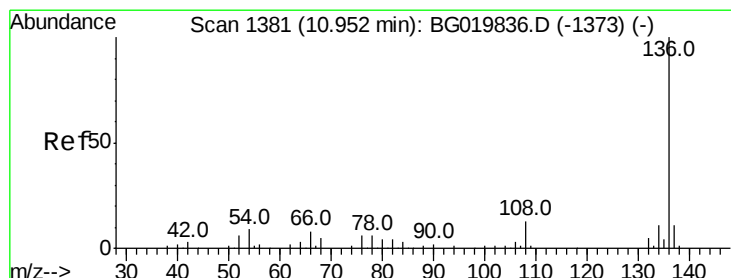
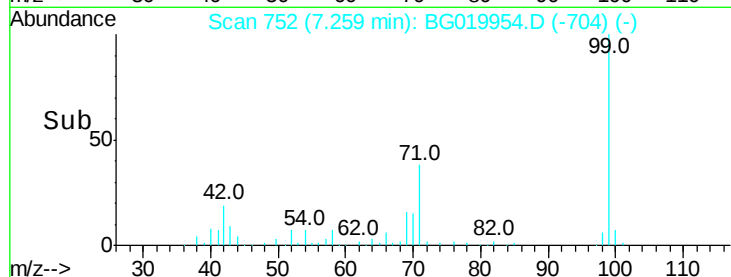
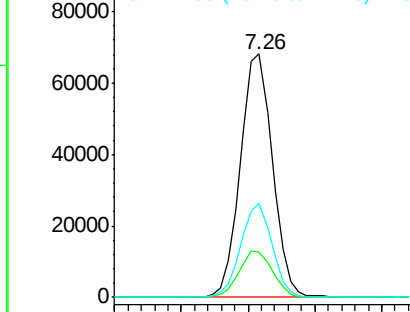
99 100

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

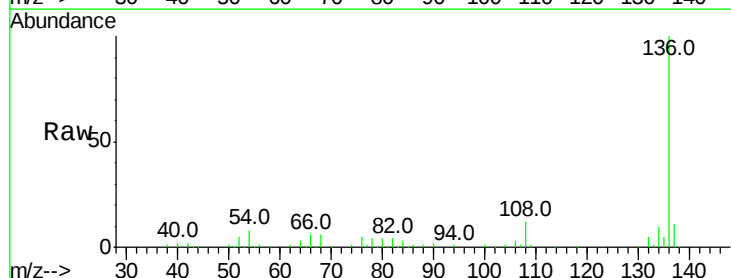
Ion Ratio Lower Upper

136 100

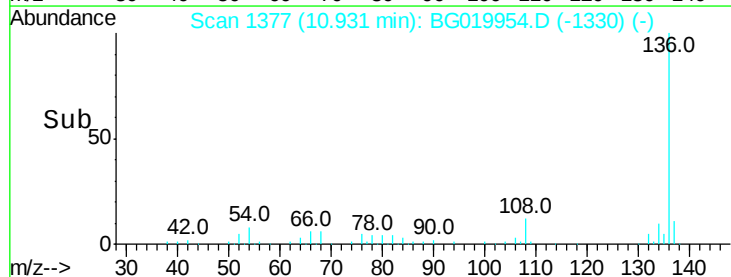
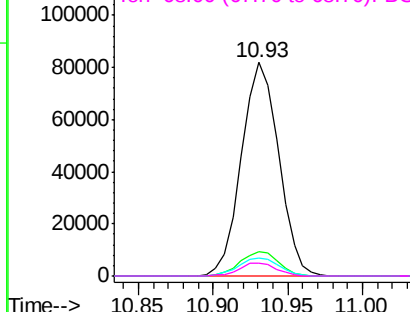
137 11.2 8.6 12.8

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

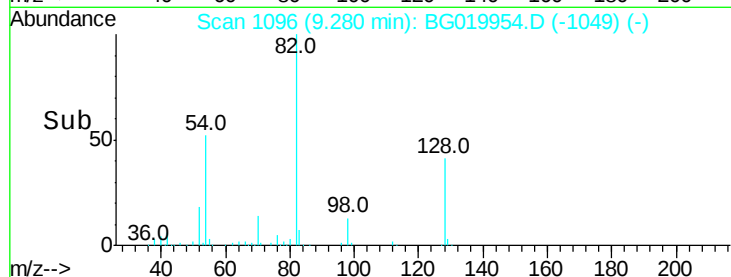
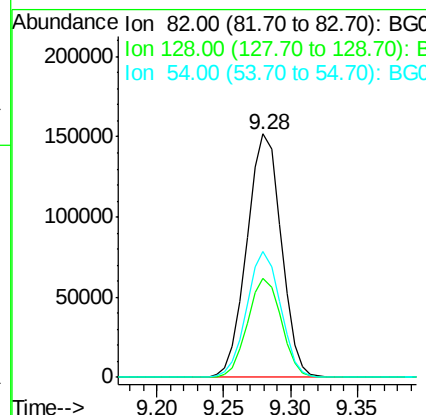
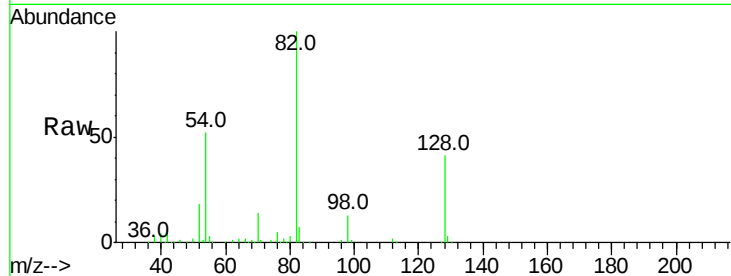




#23
 Nitrobenzene-d5
 Concen: 97.13 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019954.D
 Acq: 5 Dec 2015 22:48

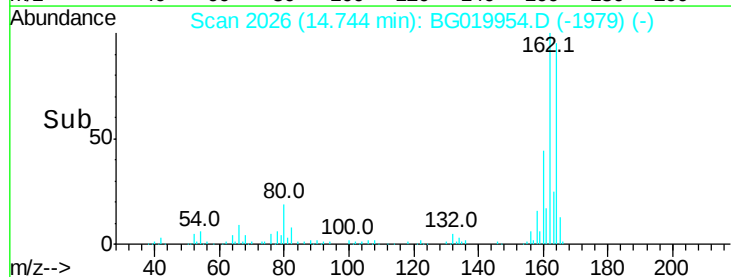
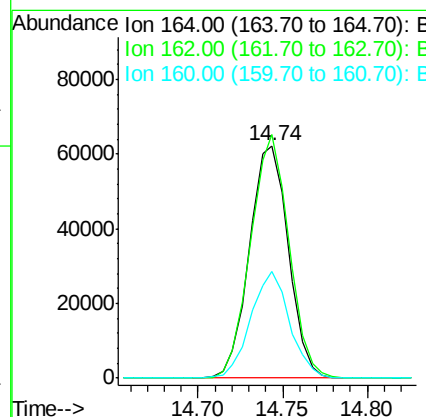
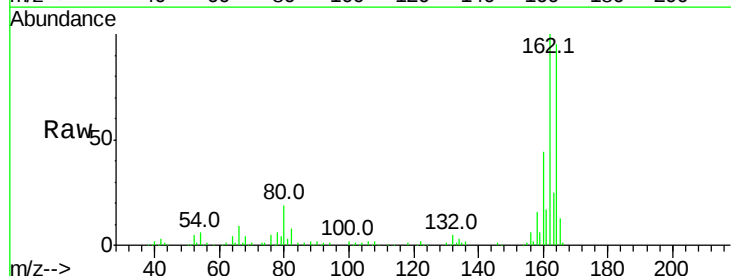
Instrument :
 BNA_G
 ClientSampleId :
 MW-13

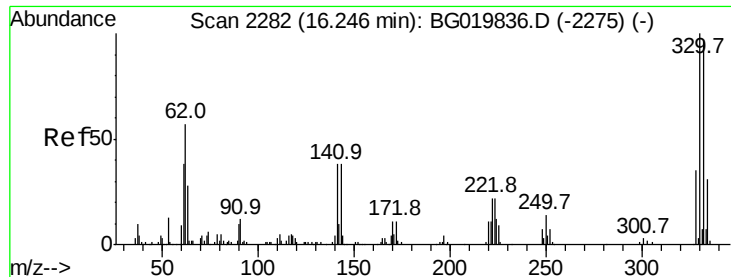
Tot Ion: 82 Resp: 269723
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.7 55.1
 54 51.8 33.8 50.8#



#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

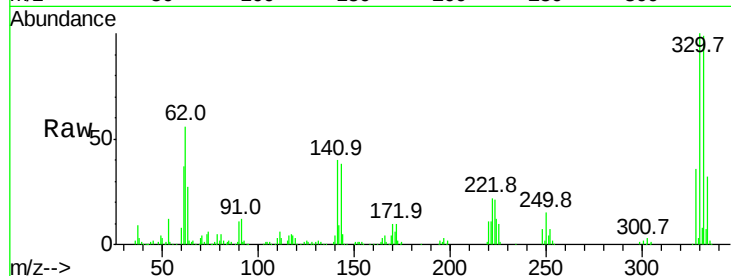




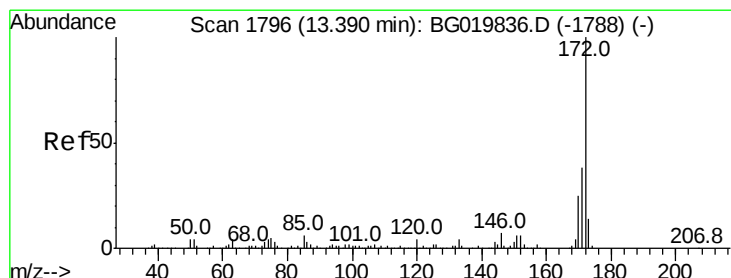
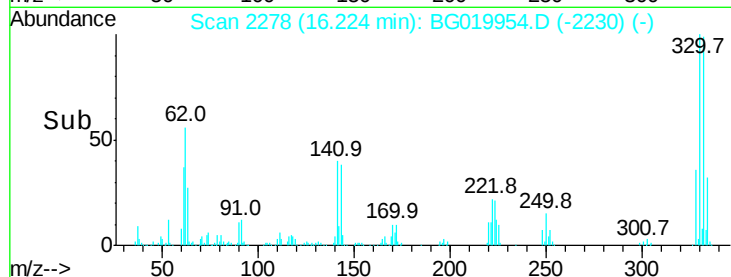
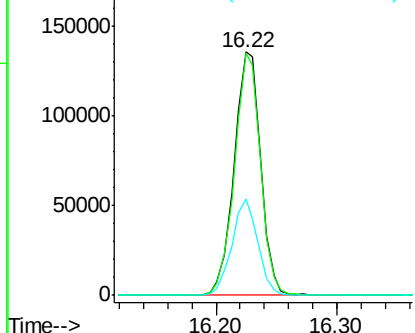
#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019954.D
 Acq: 5 Dec 2015 22:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

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

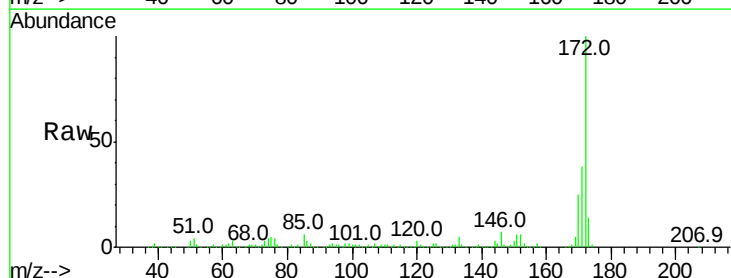


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

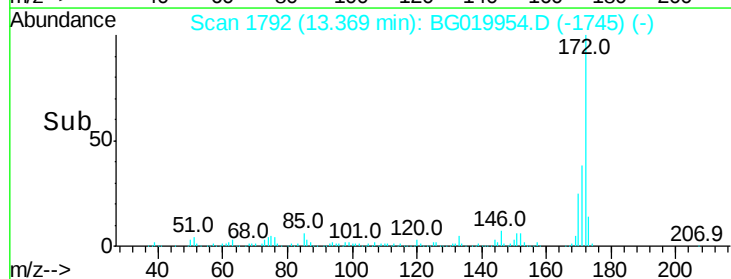
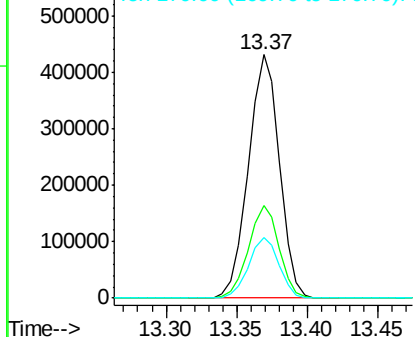


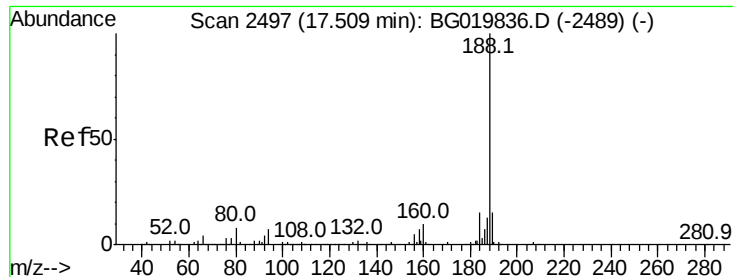
#44
 2-Fluorobiphenyl
 Concen: 91.22 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019954.D
 Acq: 5 Dec 2015 22:48

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

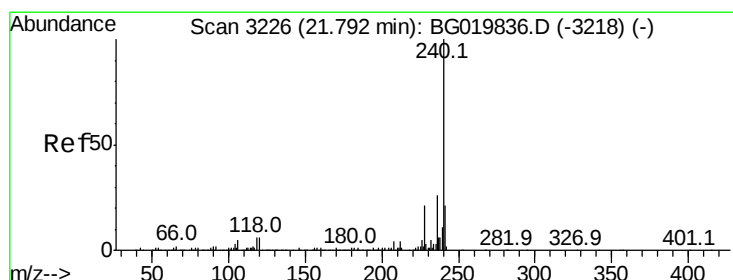
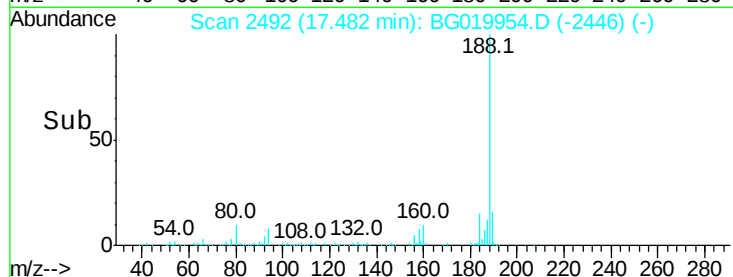
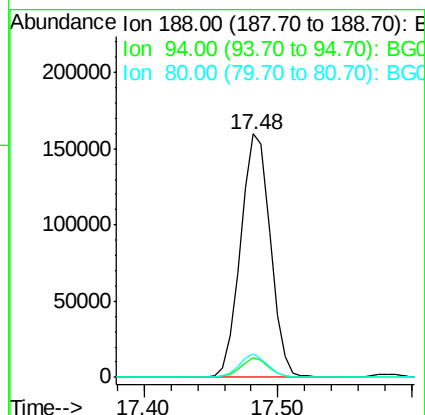
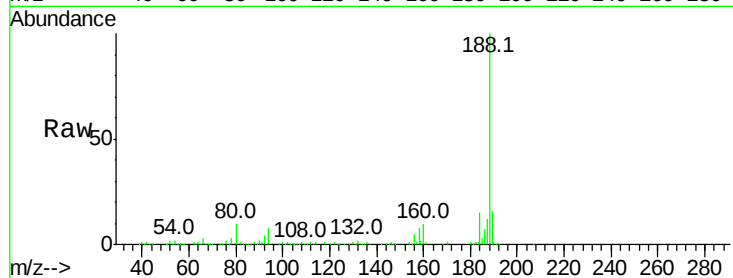




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019954.D
Acq: 5 Dec 2015 22:48

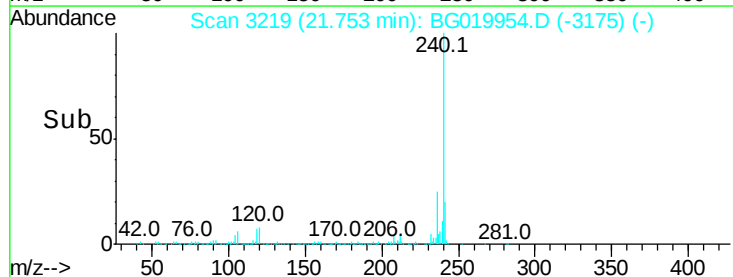
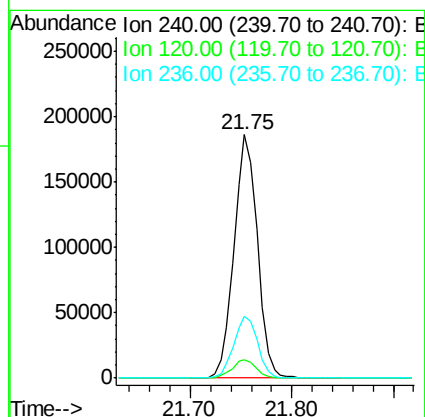
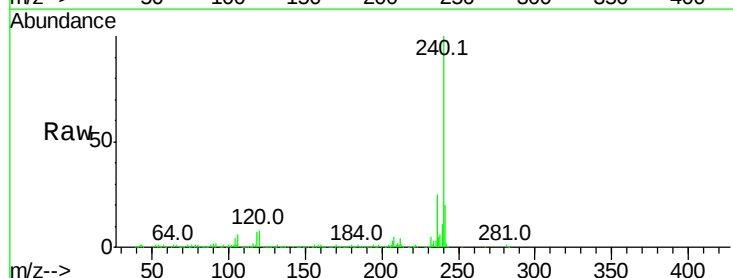
Instrument :
BNA_G
ClientSampleId :
MW-13

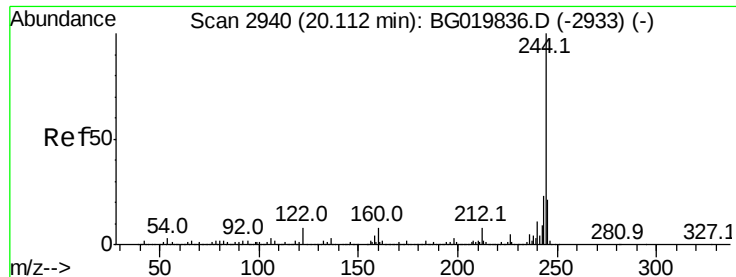
Tot Ion:188 Resp: 245305
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.7 7.8 11.8



#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

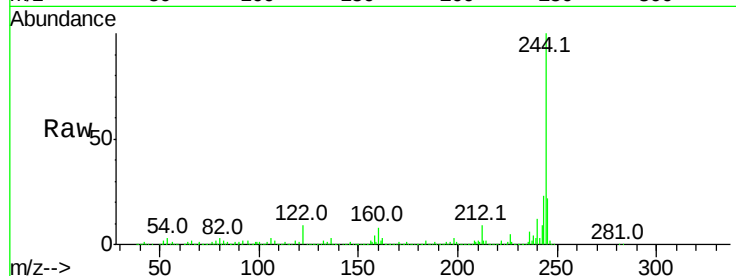
Tot Ion:244 Resp: 1101115

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.0	10.2	15.2#

244 100

212 8.6 6.9 10.3

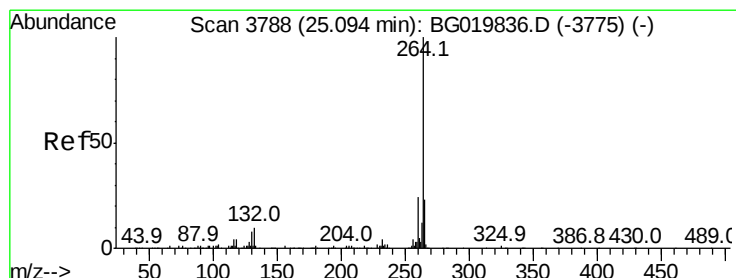
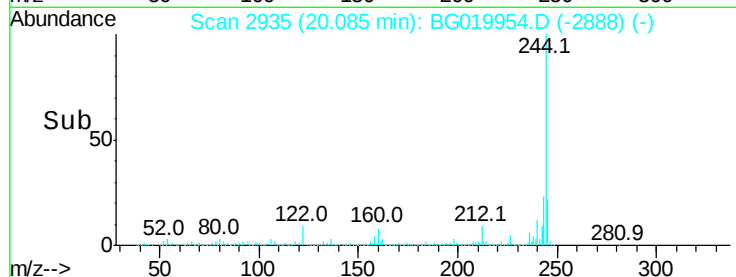
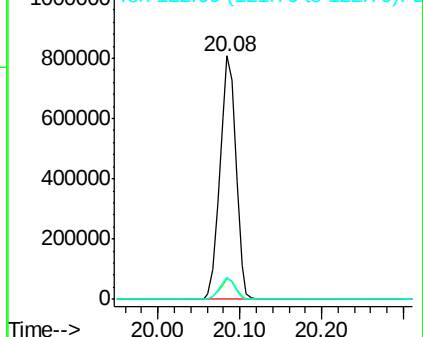
122 9.0 10.2 15.2#



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

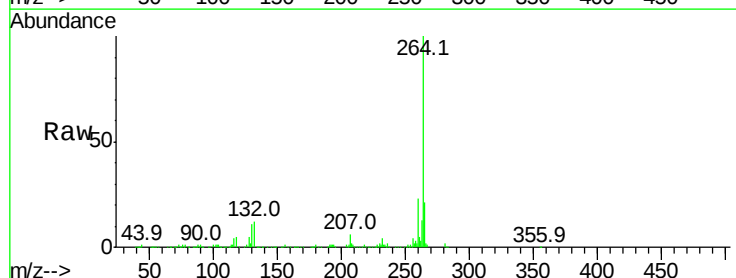
Tgt Ion:264 Resp: 282860

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.2	25.8

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

