

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019956.D
 Acq On : 6 Dec 2015 00:05
 Operator : UM/NP
 Sample : G4630-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Dec 07 01:22:04 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	8.11	152	32591	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140797	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	100395	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	248555	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	307573	20.00	ng	-0.03
86) Perylene-d12	25.04	264	290264	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	138643	76.89	ng	-0.01
7) Phenol-d6	7.26	99	131017	48.12	ng	-0.02
23) Nitrobenzene-d5	9.28	82	268109	97.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	200661	130.63	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	655148	89.10	ng	-0.02
78) Terphenyl-d14	20.08	244	1073653	85.14	ng	-0.03

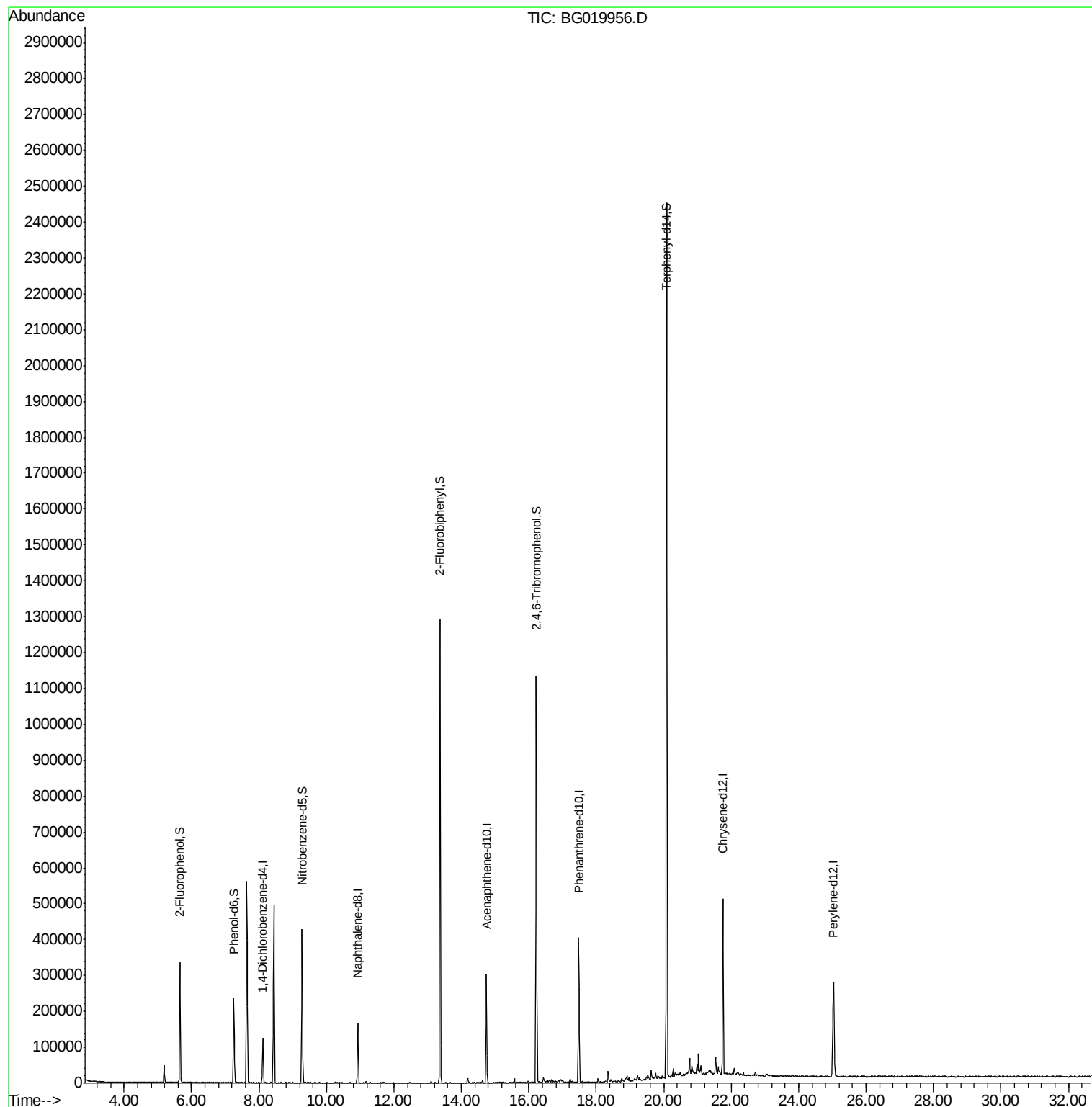
Target Compounds Qvalue

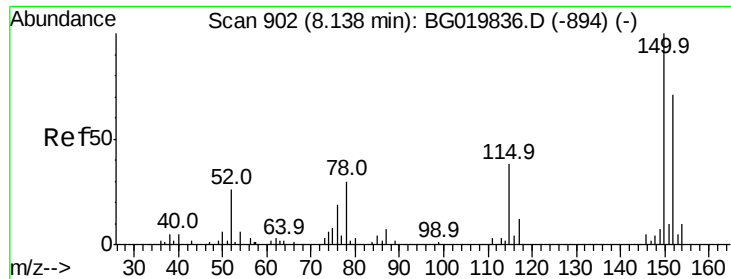
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

Instrument :

BNA_G

ClientSampled :

MW-14

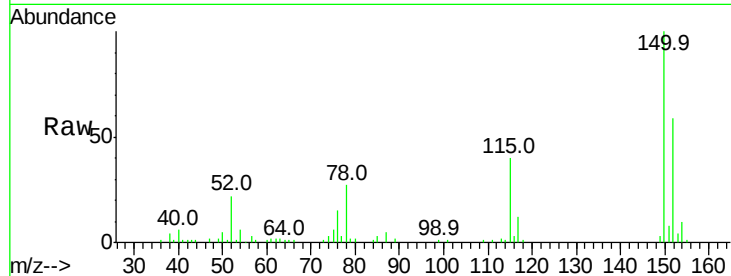
Tot Ion:152 Resp: 32591

Ion Ratio Lower Upper

152 100

150 168.4 115.0 172.4

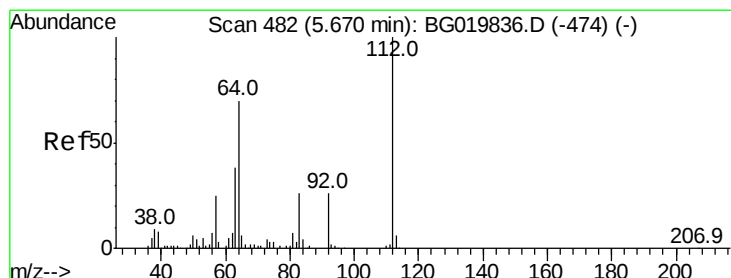
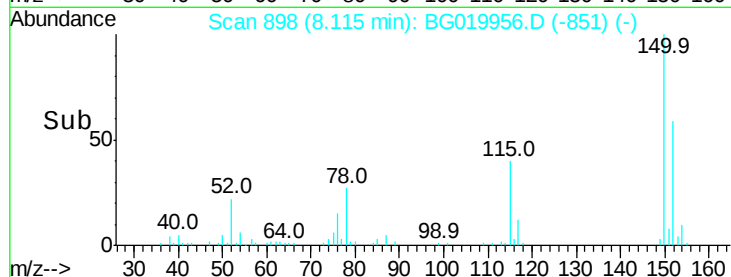
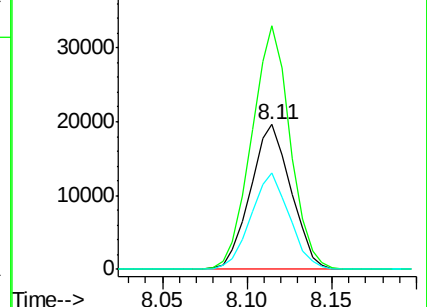
115 66.9 43.9 65.9#



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: 76.89 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

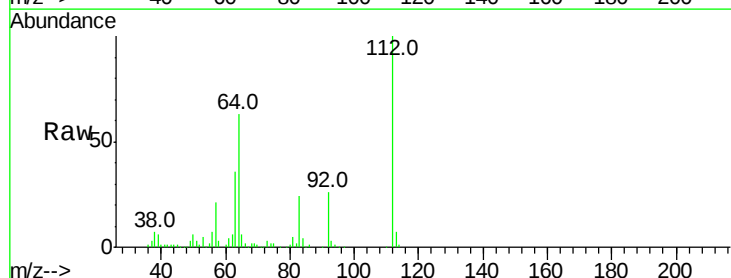
Tgt Ion:112 Resp: 138643

Ion Ratio Lower Upper

112 100

64 63.0 43.7 65.5

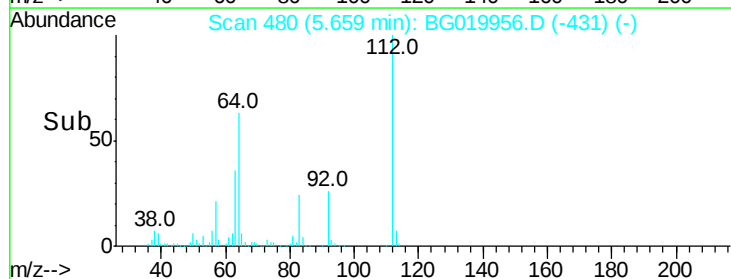
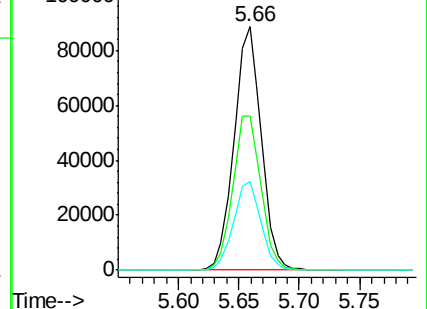
63 36.4 24.0 36.0#

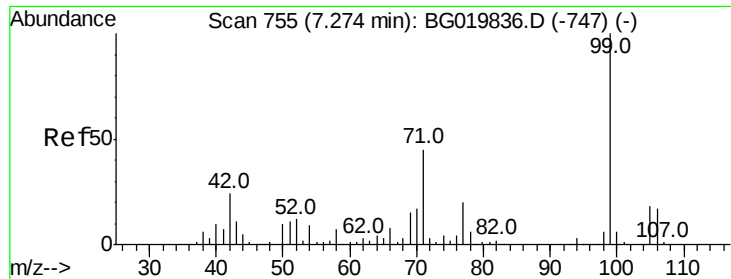


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.12 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

Instrument :

BNA_G

ClientSampleId :

MW-14

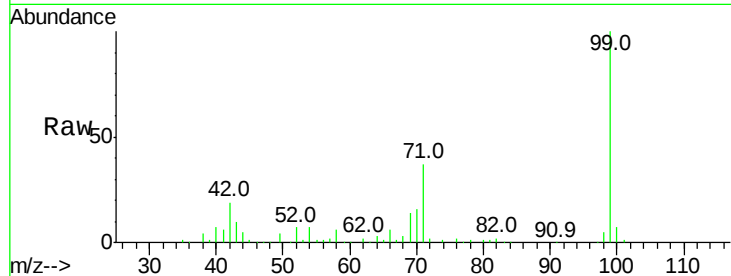
Tot Ion: 99 Resp: 131017

Ion Ratio Lower Upper

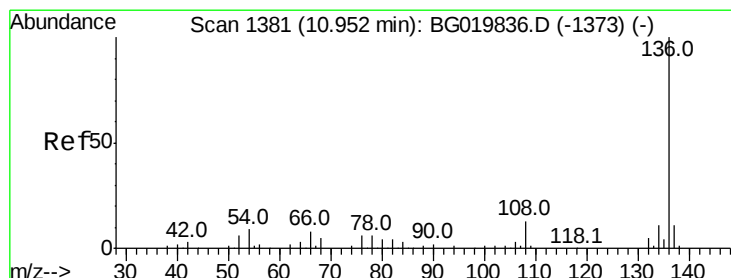
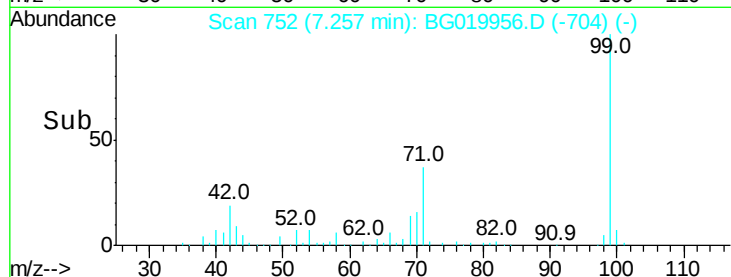
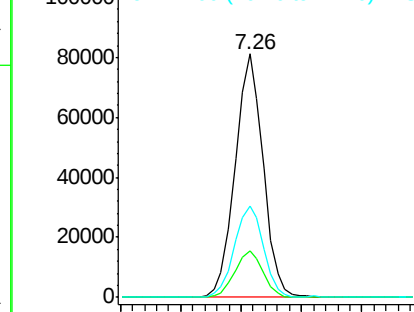
99 100

42 19.1 11.5 17.3#

71 37.2 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: BG019956.D

Acq: 6 Dec 2015 00:05

Tgt Ion: 136 Resp: 140797

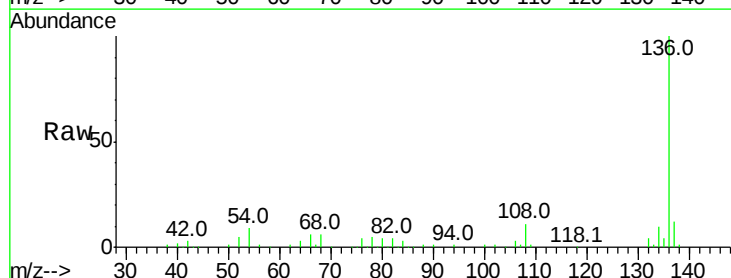
Ion Ratio Lower Upper

136 100

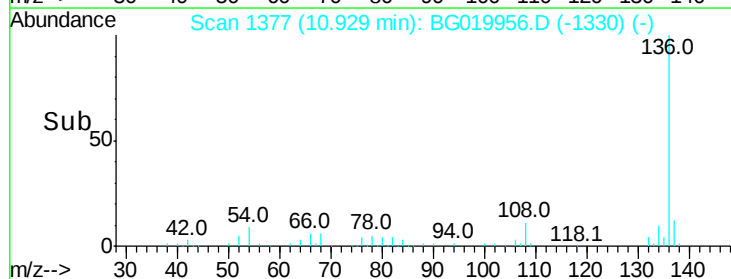
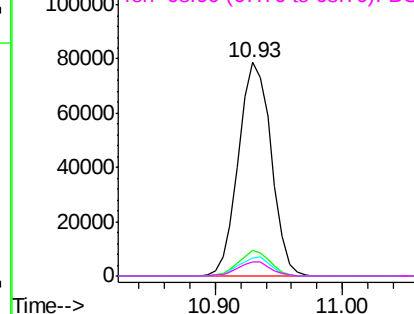
137 11.8 8.6 12.8

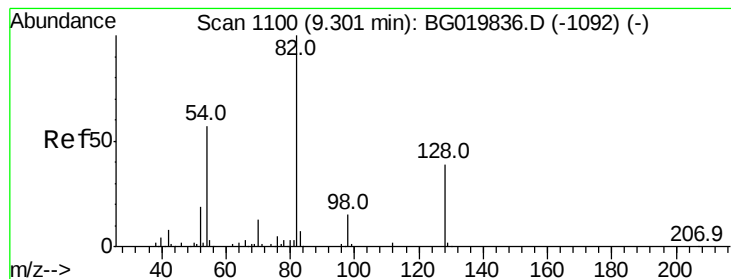
54 8.6 5.4 8.2#

68 6.4 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: 97.18 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

Instrument :

BNA_G

ClientSampled :

MW-14

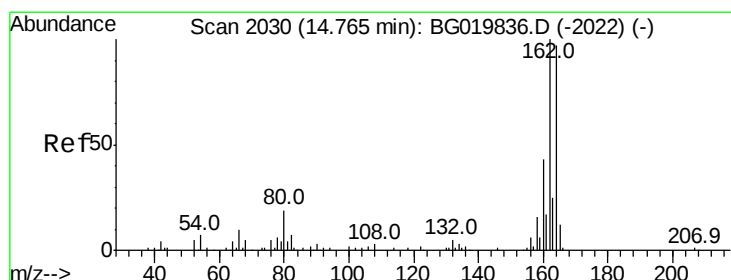
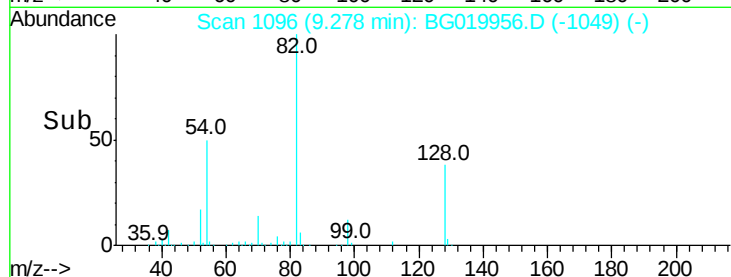
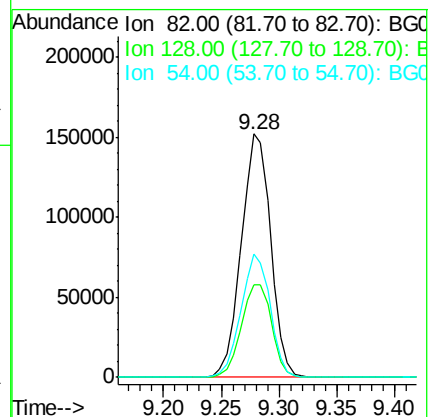
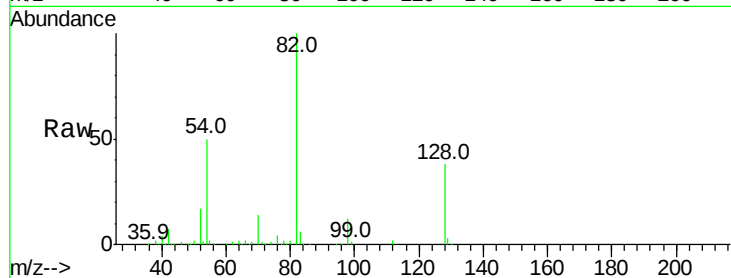
Tot Ion: 82 Resp: 268109

Ion Ratio Lower Upper

82 100

128 38.3 36.7 55.1

54 50.4 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: BG019956.D

Acq: 6 Dec 2015 00:05

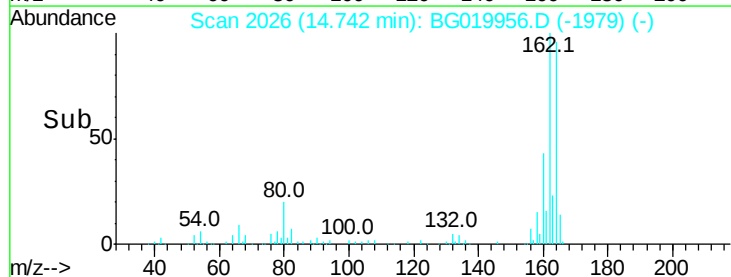
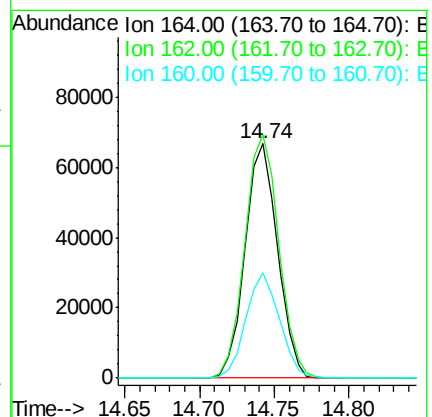
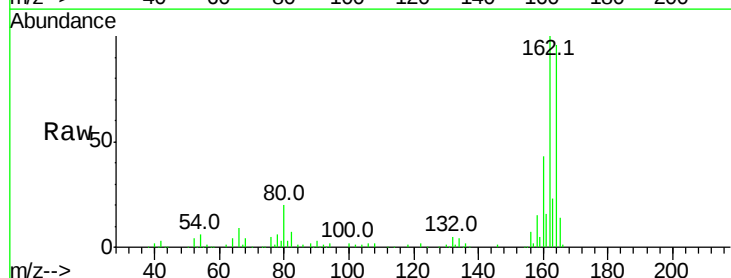
Tgt Ion: 164 Resp: 100395

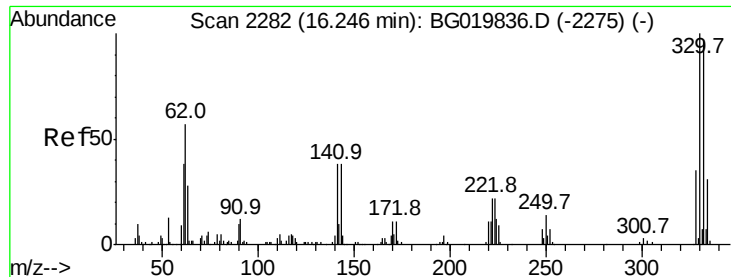
Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

160 44.9 36.4 54.6

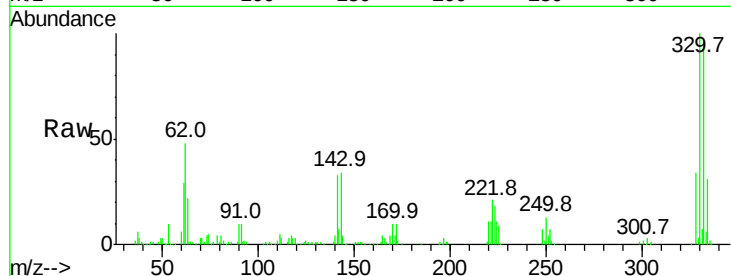




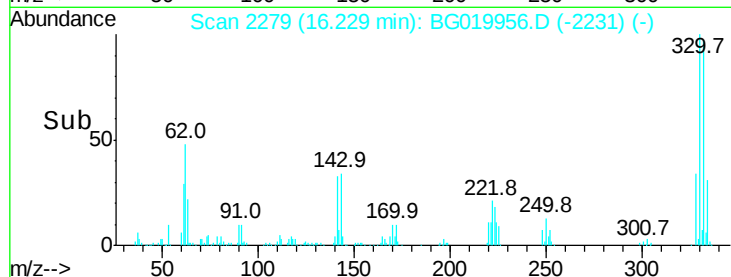
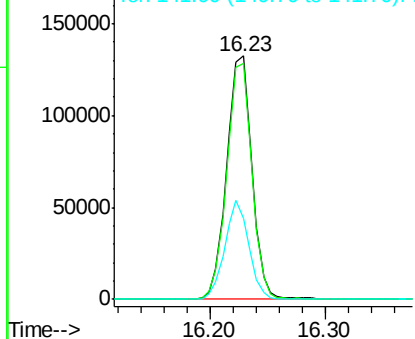
#41
 2,4,6-Tribromophenol
 Concen: 130.63 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	38.5	28.2	42.2

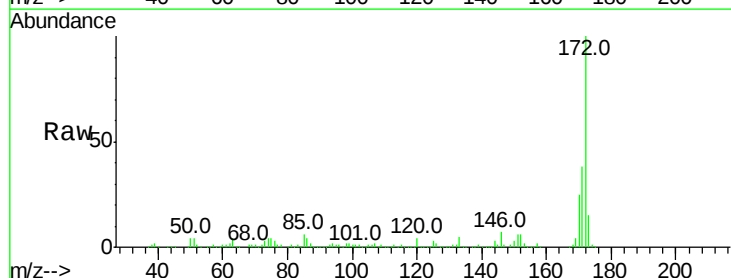


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

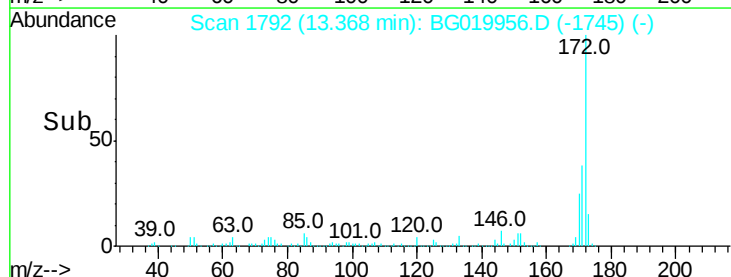
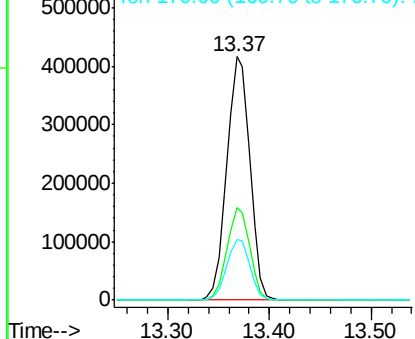


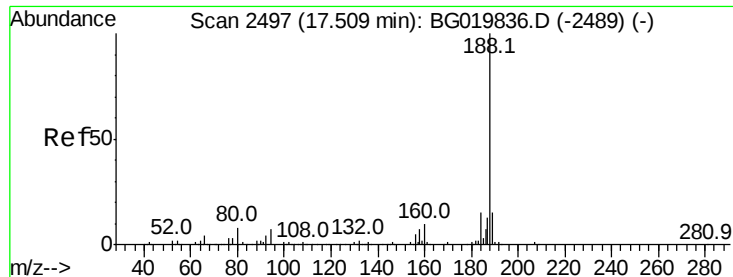
#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.6
170	24.7	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

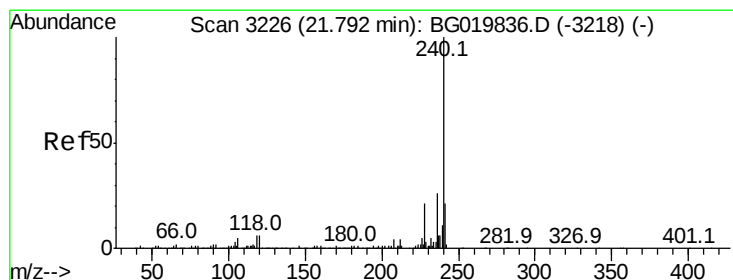
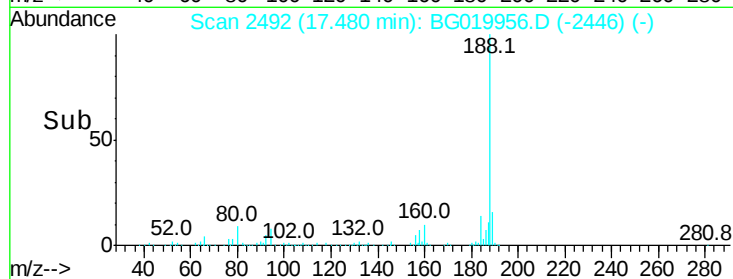
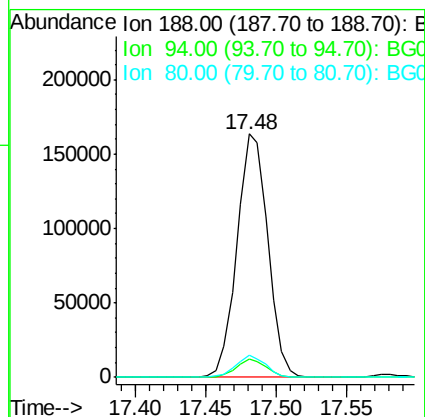
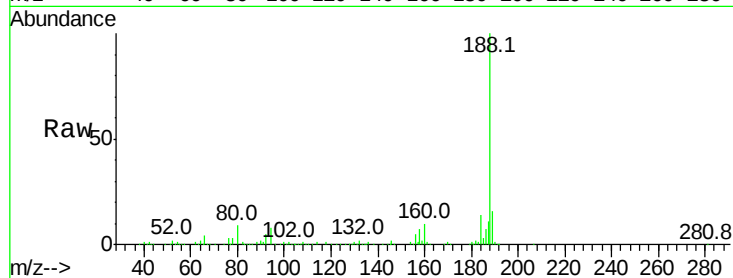




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019956.D
Acq: 6 Dec 2015 00:05

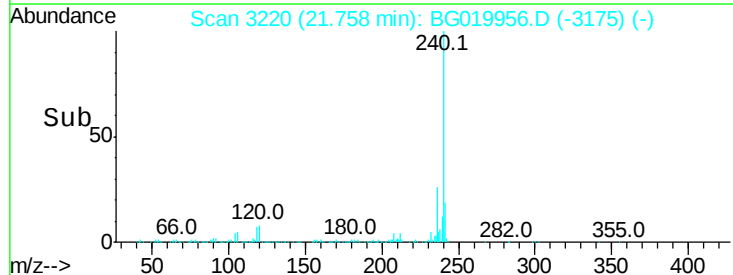
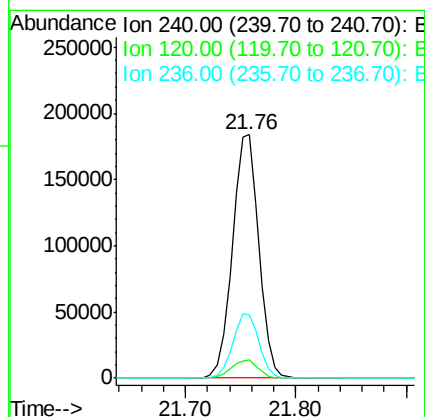
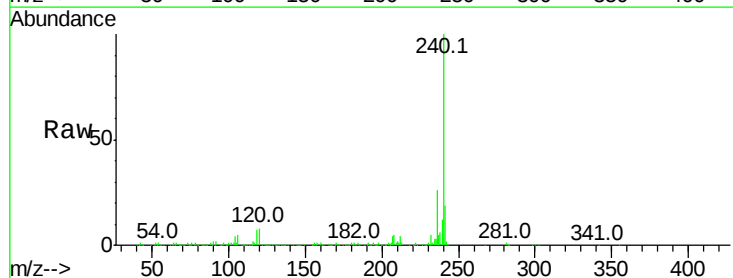
Instrument :
BNA_G
ClientSampleId :
MW-14

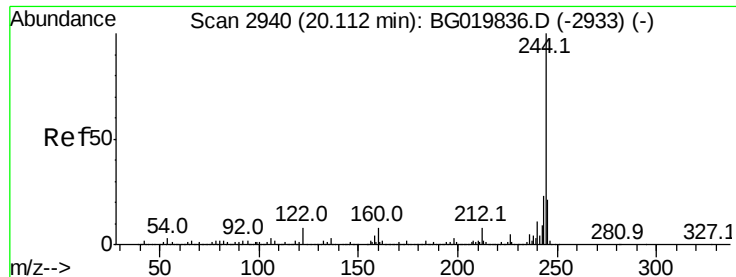
Tot Ion:188 Resp: 248555
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 9.3 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019956.D
Acq: 6 Dec 2015 00:05

Tgt Ion:240 Resp: 307573
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 85.14 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

Instrument :

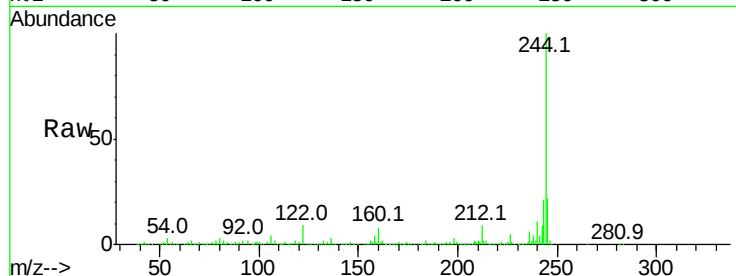
BNA_G

ClientSampleId :

MW-14

Tot Ion:244 Resp: 1073653

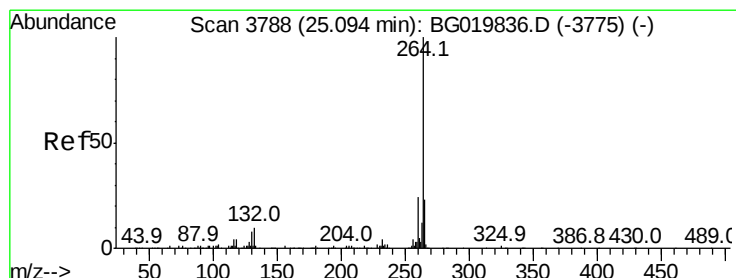
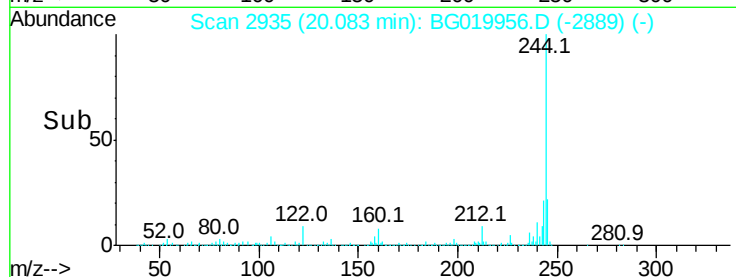
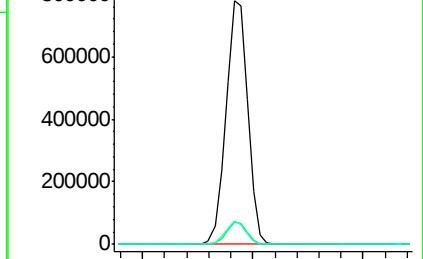
Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	9.5	10.2	15.2#



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: 25.04 min Scan# 3778

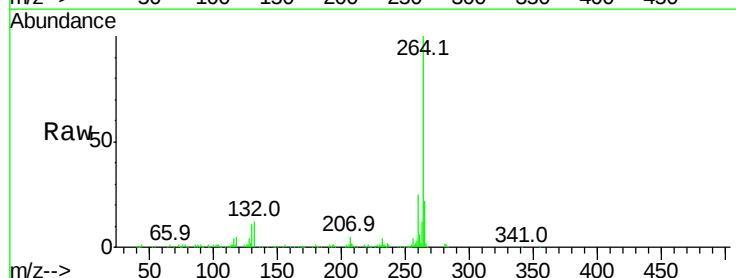
Delta R.T. -0.06 min

Lab File: BG019956.D

Acq: 6 Dec 2015 00:05

Tgt Ion:264 Resp: 290264

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	21.8	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

