

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019958.D
 Acq On : 6 Dec 2015 1:23
 Operator : UM/NP
 Sample : G4630-17
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Dec 07 01:22:47 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	32717	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140285	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	99292	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	246270	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	302771	20.00	ng	-0.04
86) Perylene-d12	25.03	264	286832	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	132846	73.39	ng	-0.01
7) Phenol-d6	7.26	99	123187	45.07	ng	-0.02
23) Nitrobenzene-d5	9.28	82	277201	100.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	209485	137.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	690751	94.99	ng	-0.02
78) Terphenyl-d14	20.09	244	1122430	90.42	ng	-0.02

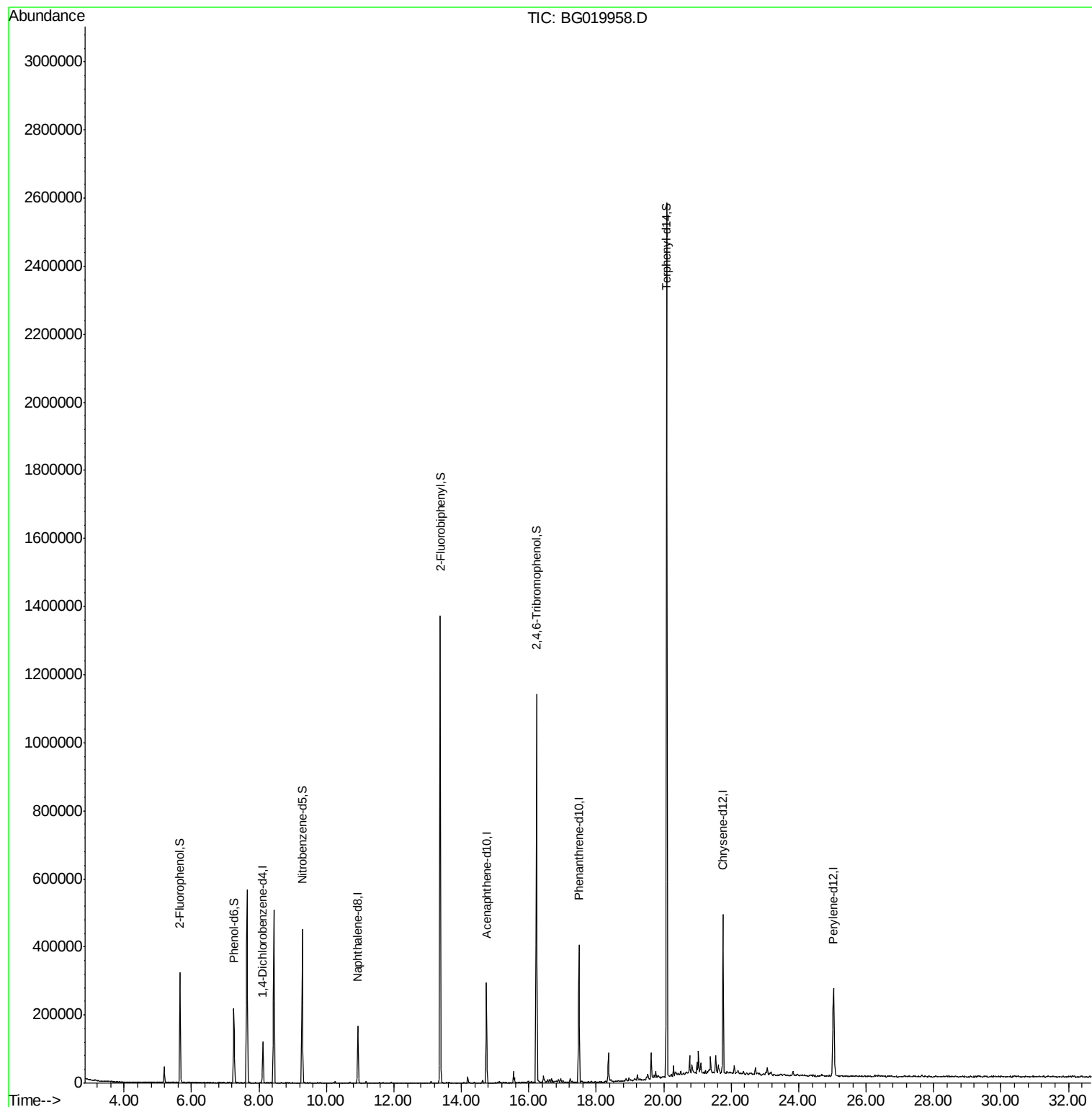
Target Compounds	Qvalue
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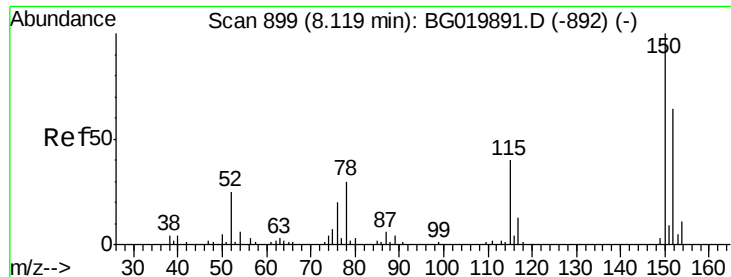
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

Instrument :

BNA_G

ClientSampleId :

MW-28

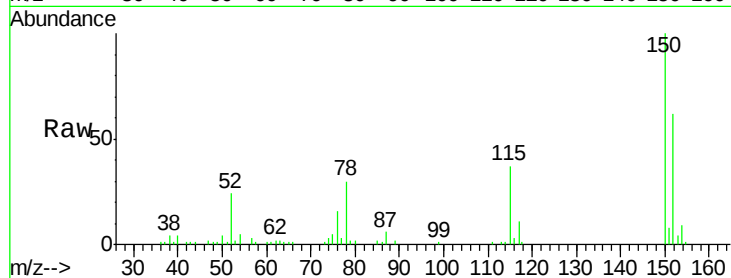
Tgt Ion:152 Resp: 32717

Ion Ratio Lower Upper

152 100

150 162.6 115.0 172.4

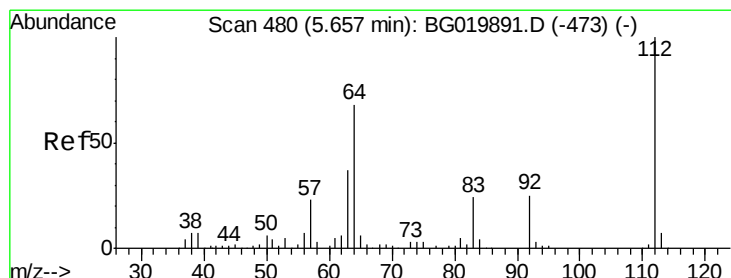
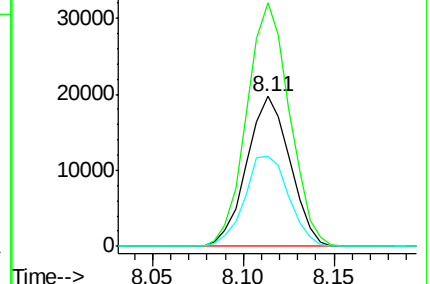
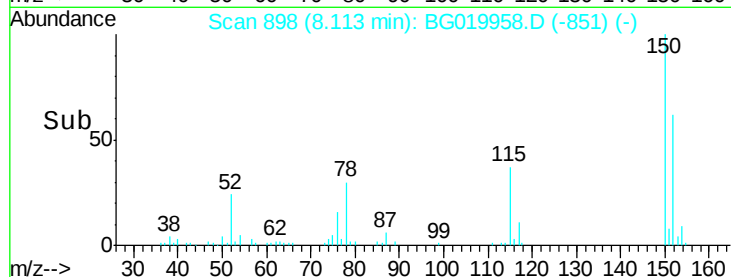
115 60.4 43.9 65.9



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: 73.39 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

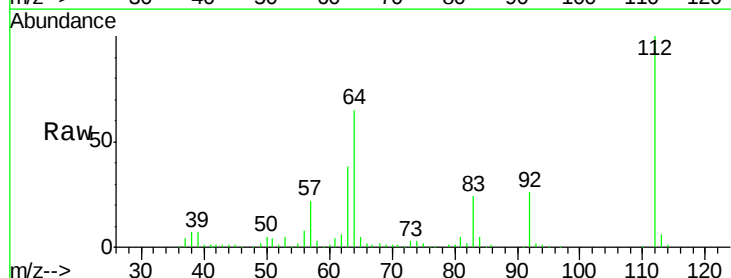
Tgt Ion:112 Resp: 132846

Ion Ratio Lower Upper

112 100

64 65.4 43.7 65.5

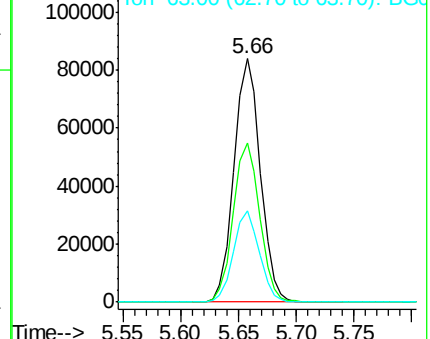
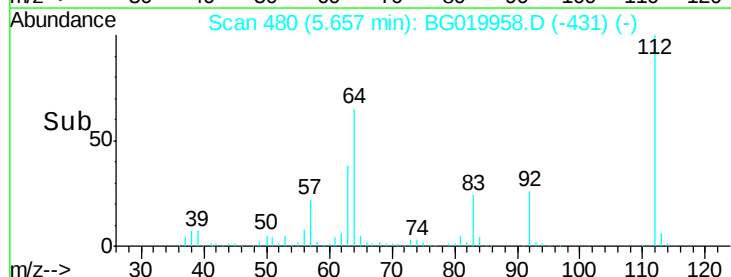
63 37.5 24.0 36.0#

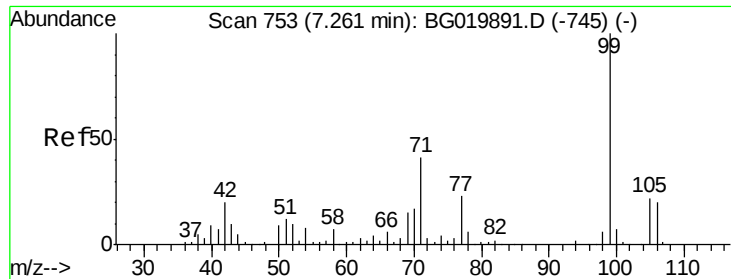


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.07 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

Instrument :

BNA_G

ClientSampleId :

MW-28

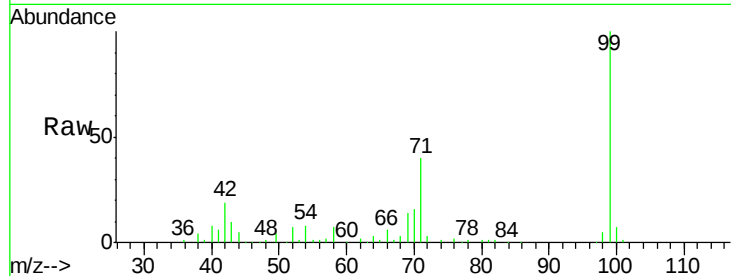
Tgt Ion: 99 Resp: 123187

Ion Ratio Lower Upper

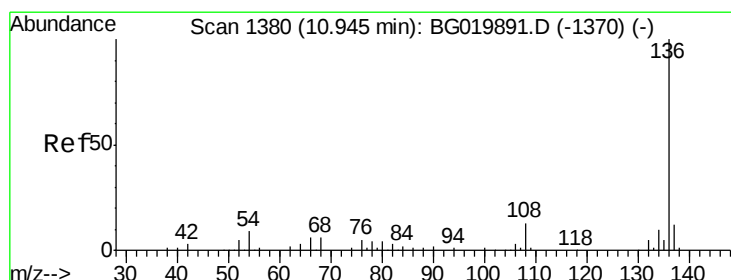
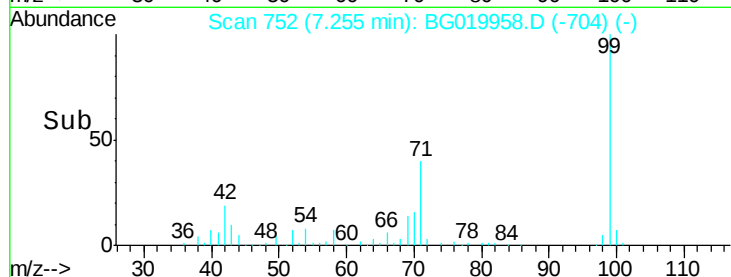
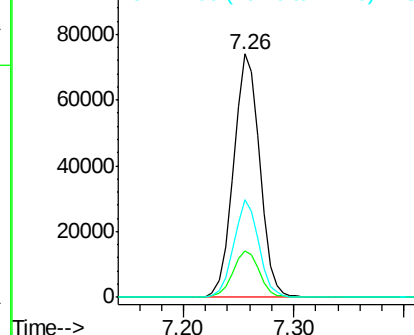
99 100

42 19.0 11.5 17.3#

71 40.1 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# 1378

Delta R.T. -0.02 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

Tgt Ion: 136 Resp: 140285

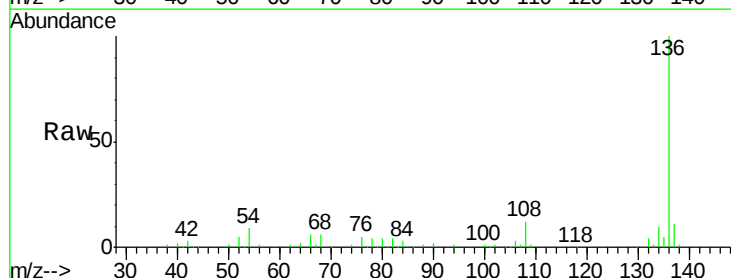
Ion Ratio Lower Upper

136 100

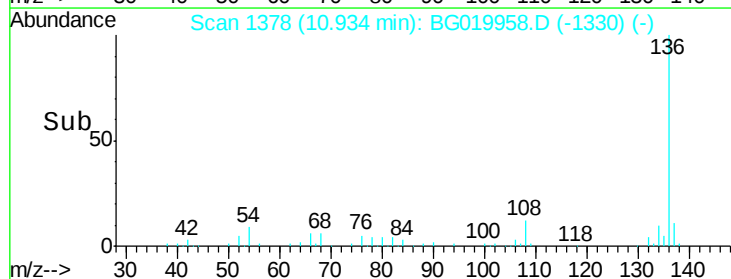
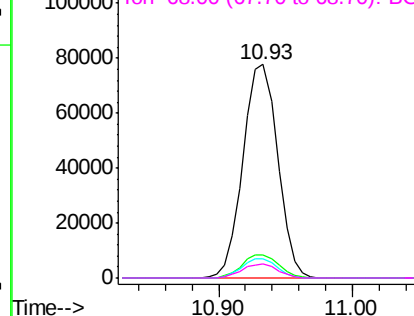
137 10.9 8.6 12.8

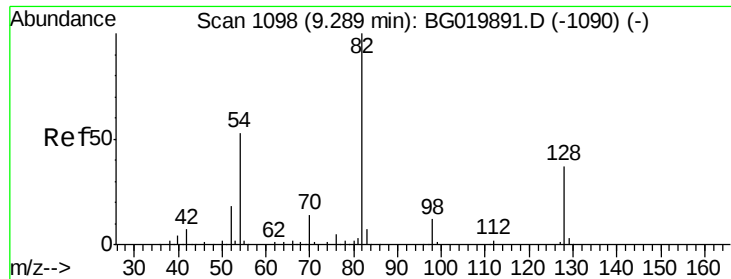
54 8.8 5.4 8.2#

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

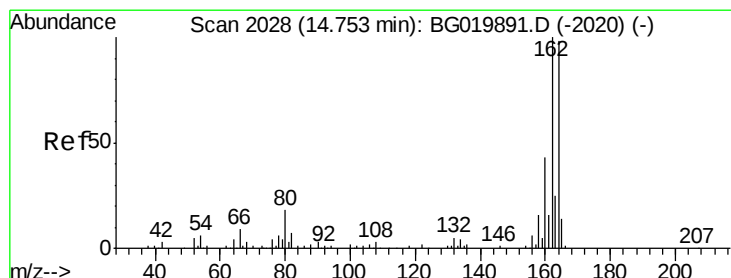
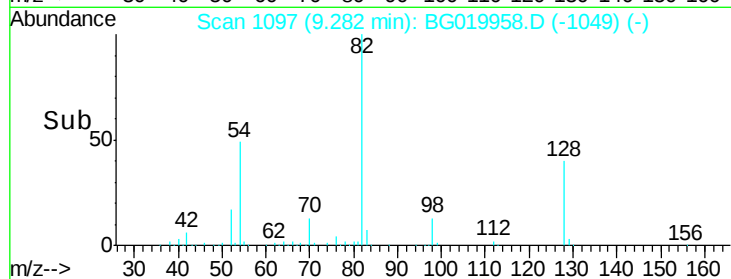
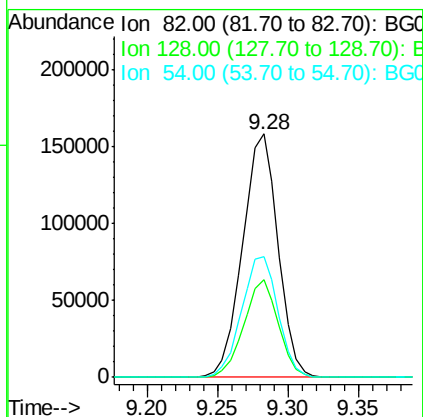
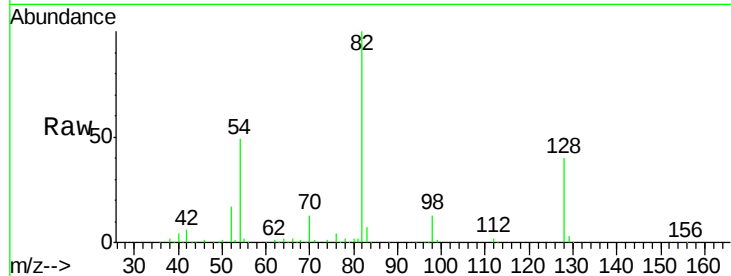




#23
Nitrobenzene-d5
Concen: 100.85 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019958.D
Acq: 6 Dec 2015 1:23

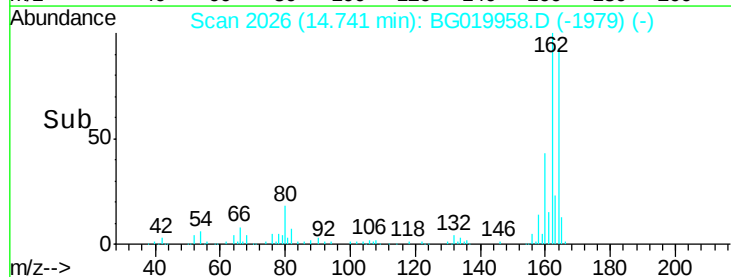
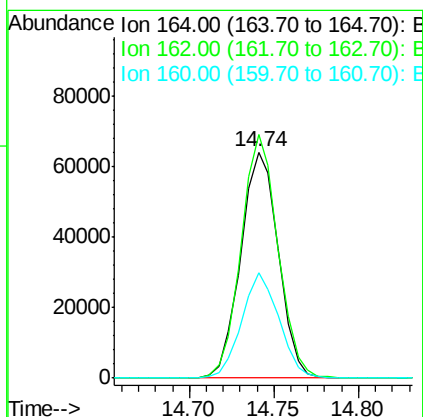
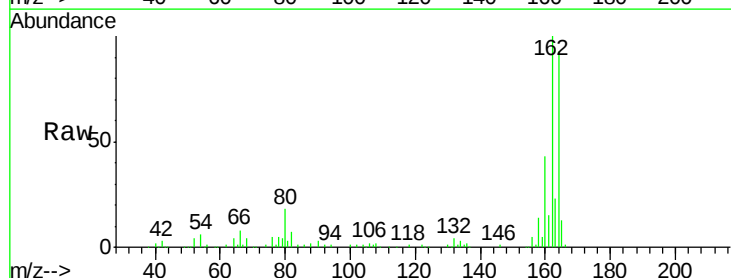
Instrument :
BNA_G
ClientSampleId :
MW-28

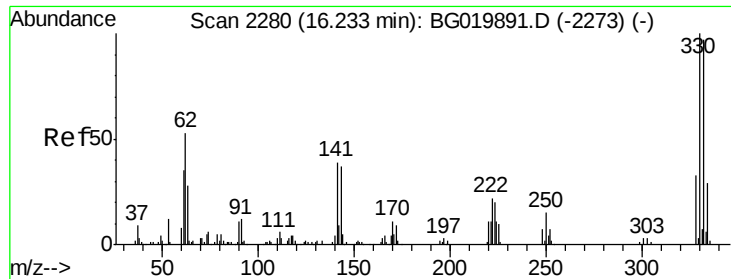
Tgt Ion: 82 Resp: 277201
Ion Ratio Lower Upper
82 100
128 40.1 36.7 55.1
54 49.5 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019958.D
Acq: 6 Dec 2015 1:23

Tgt Ion: 164 Resp: 99292
Ion Ratio Lower Upper
164 100
162 107.6 78.8 118.2
160 46.5 36.4 54.6

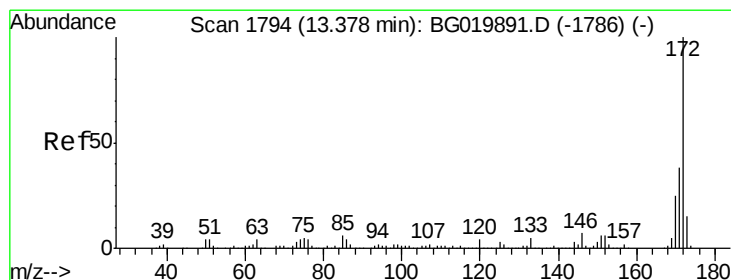
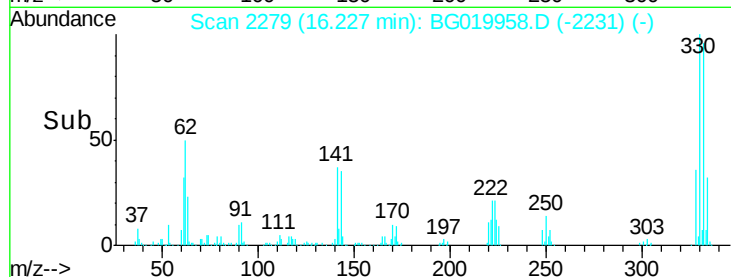
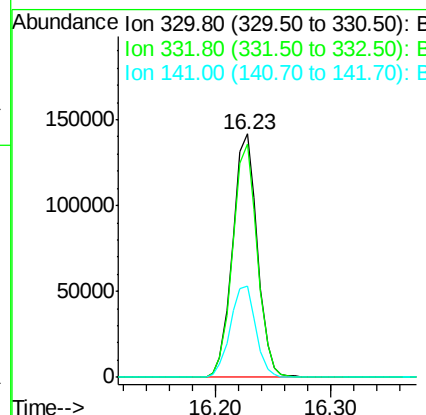
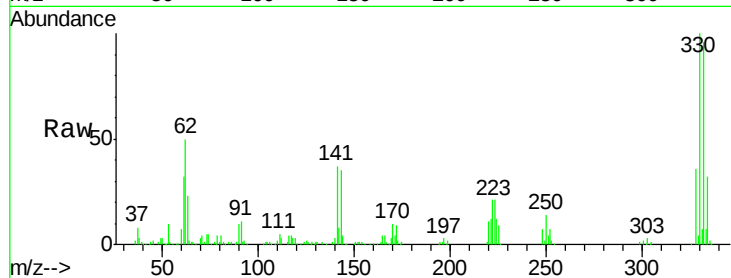




#41
 2,4,6-Tribromophenol
 Concen: 137.89 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019958.D
 Acq: 6 Dec 2015 1:23

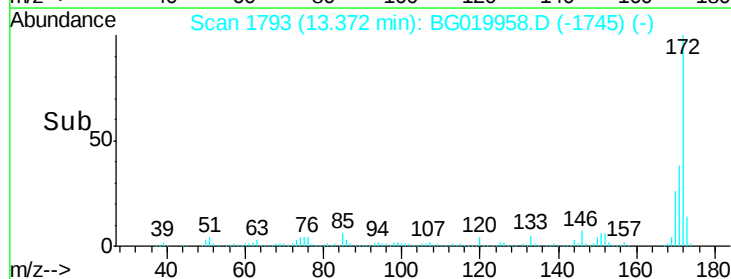
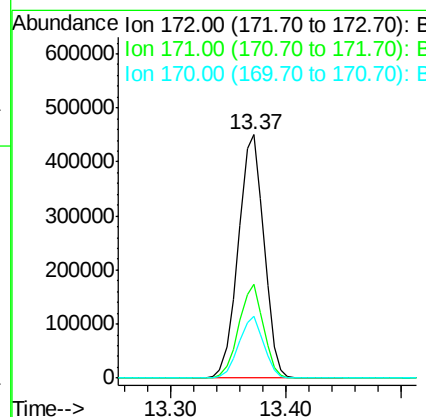
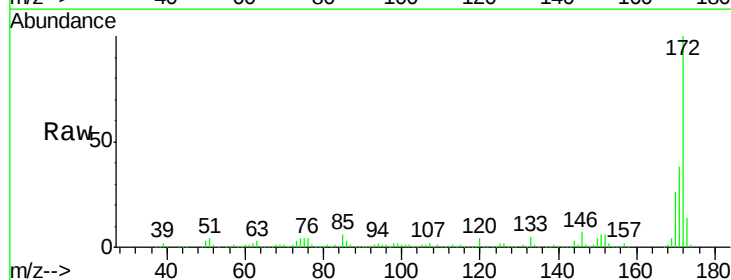
Instrument :
 BNA_G
 ClientSampled :
 MW-28

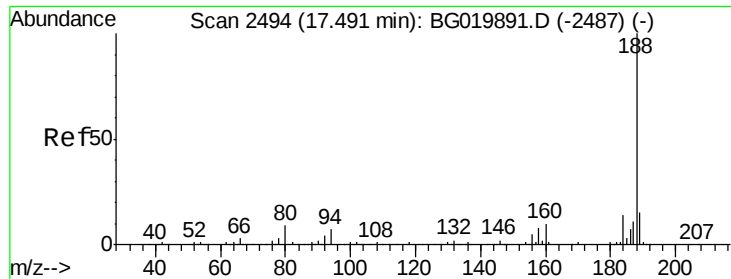
Tgt Ion:330 Resp: 209485
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.1 117.1
 141 38.7 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 94.99 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019958.D
 Acq: 6 Dec 2015 1:23

Tgt Ion:172 Resp: 690751
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.0 43.6
 170 25.6 19.9 29.9

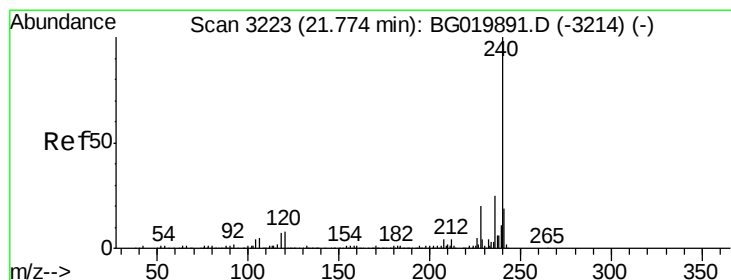
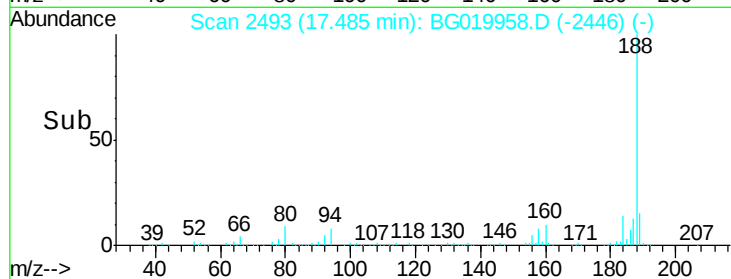
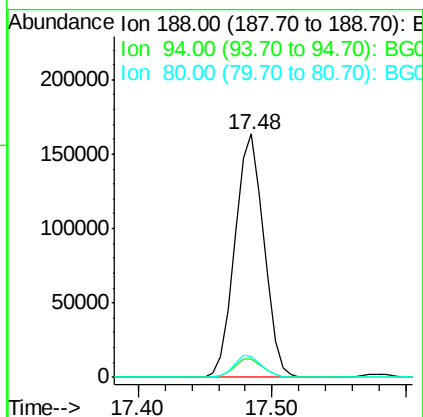
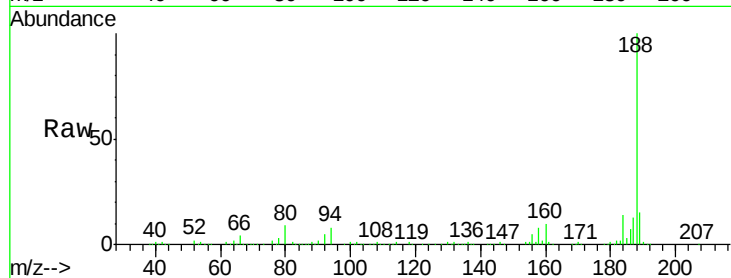




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019958.D
Acq: 6 Dec 2015 1:23

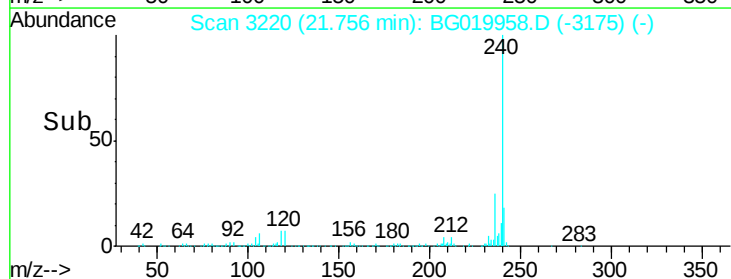
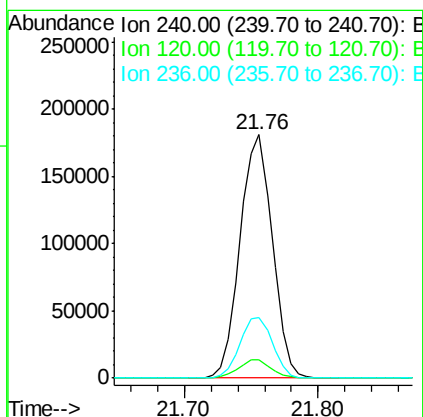
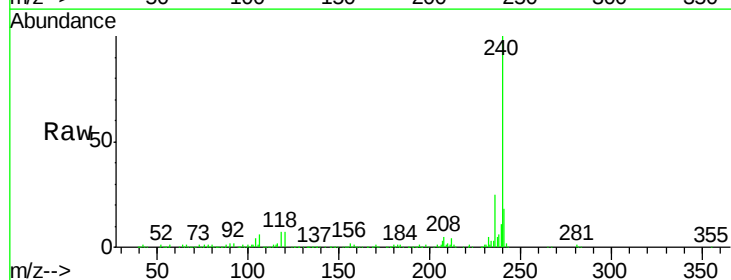
Instrument :
BNA_G
ClientSampleId :
MW-28

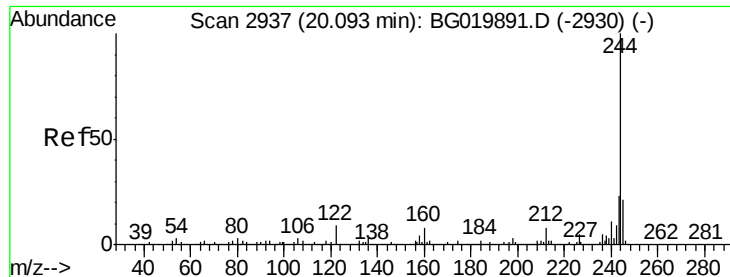
Tgt Ion:188 Resp: 246270
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019958.D
Acq: 6 Dec 2015 1:23

Tgt Ion:240 Resp: 302771
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 90.42 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

Instrument :

BNA_G

ClientSampled :

MW-28

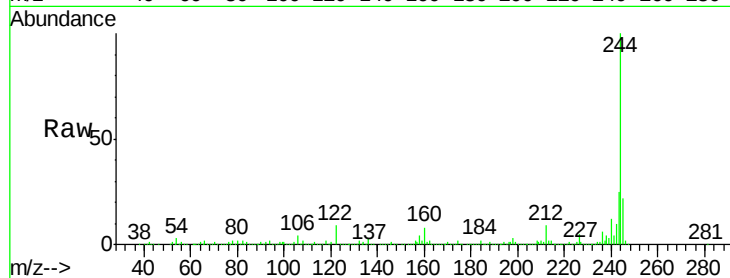
Tgt Ion:244 Resp: 1122430

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

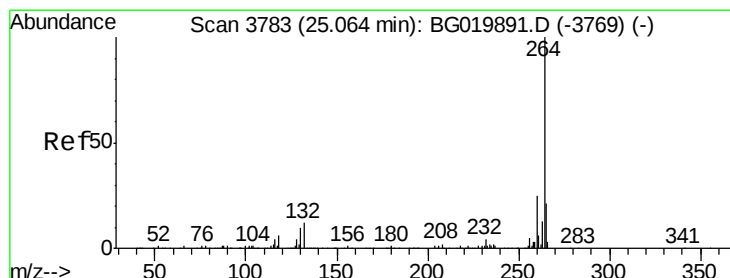
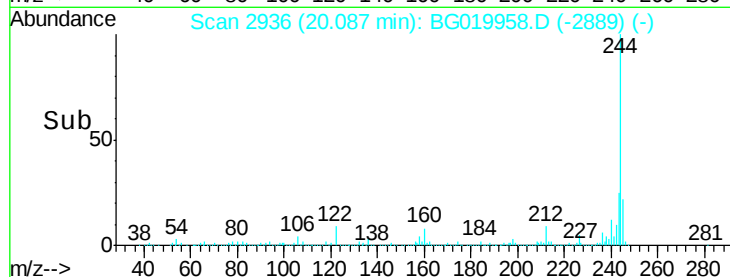
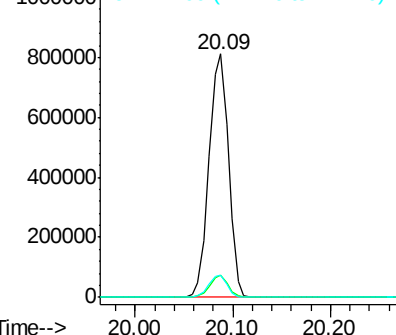
122 8.9 10.2 15.2#



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# 3778

Delta R.T. -0.06 min

Lab File: BG019958.D

Acq: 6 Dec 2015 1:23

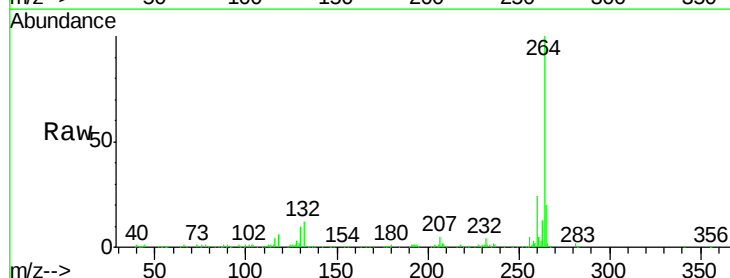
Tgt Ion:264 Resp: 286832

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 20.5 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

