

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

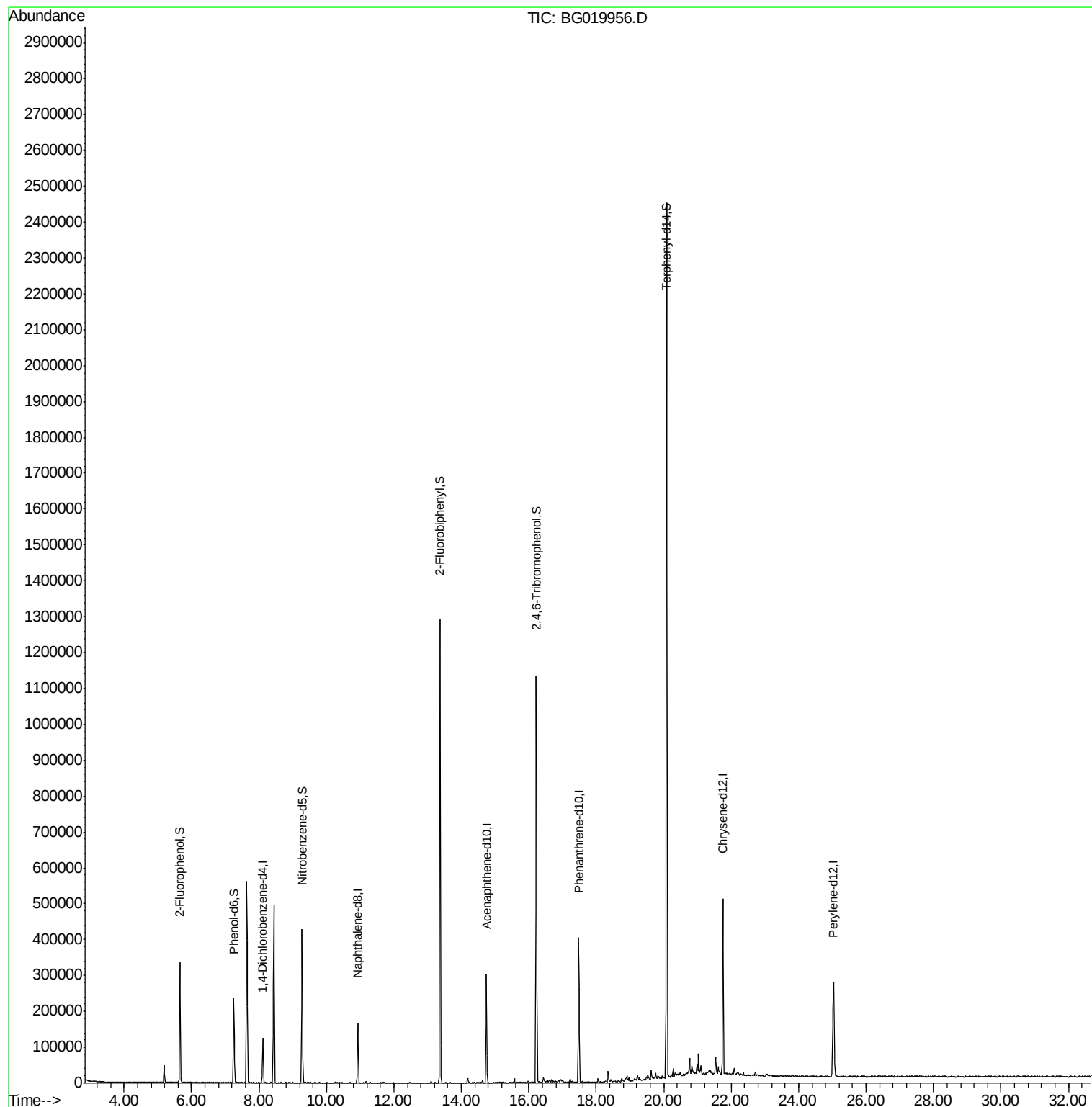
Target Compounds	Qvalue
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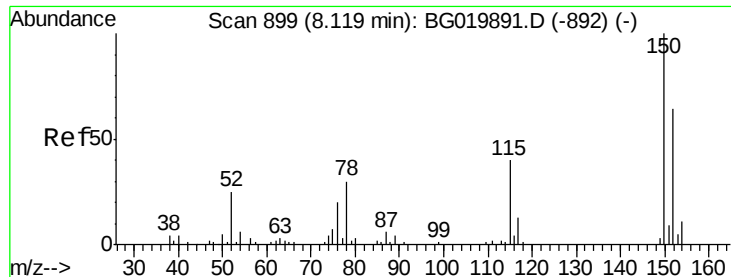
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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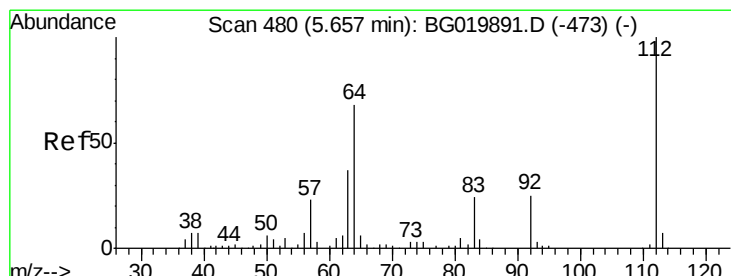
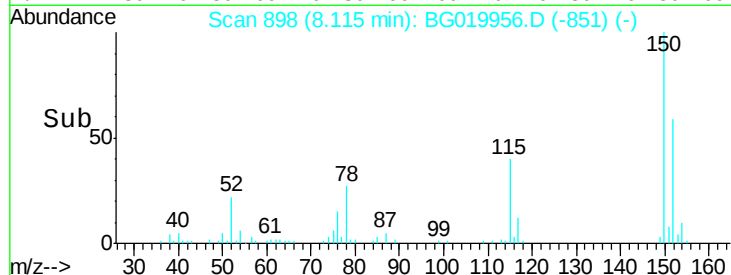
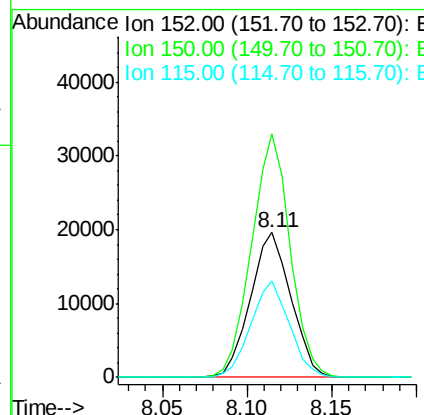
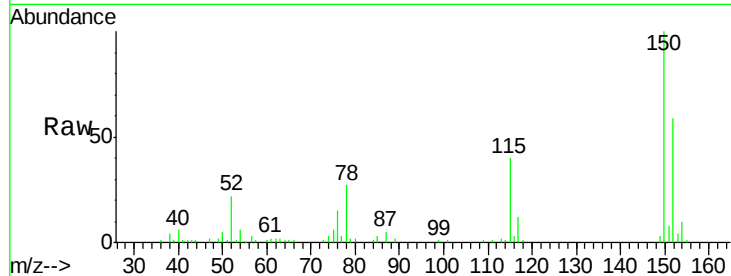




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

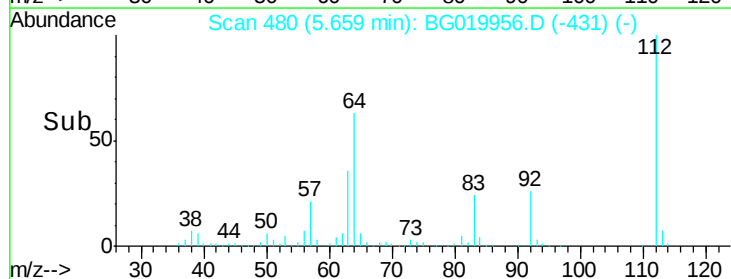
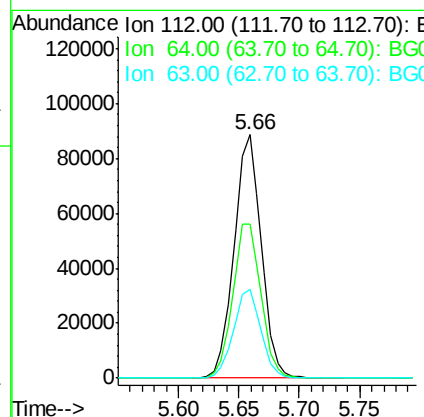
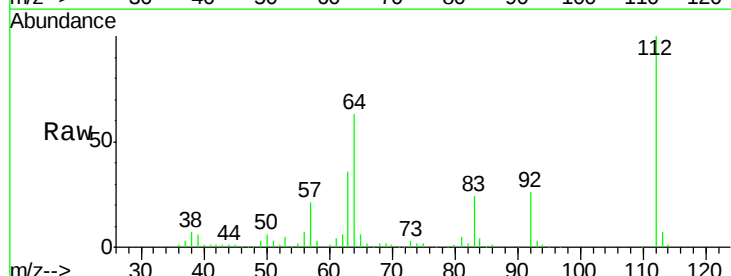
Instrument :
 BNA_G
 ClientSampled :
 MW-14

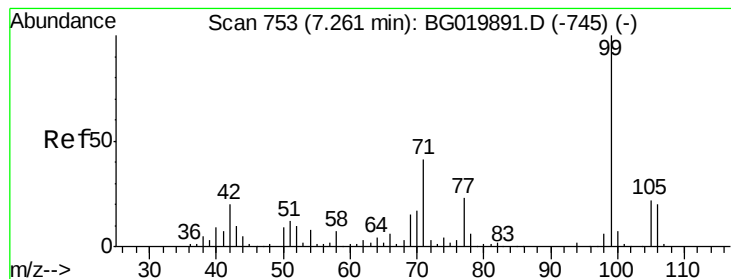
Tgt Ion:152 Resp: 32591
 Ion Ratio Lower Upper
 152 100
 150 168.4 115.0 172.4
 115 66.9 43.9 65.9#



#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#





#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

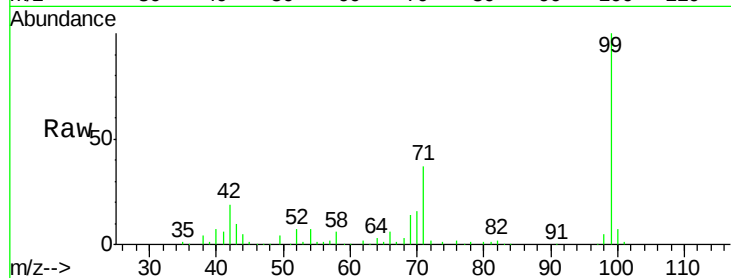
Tgt Ion: 99 Resp: 131017

Ion Ratio Lower Upper

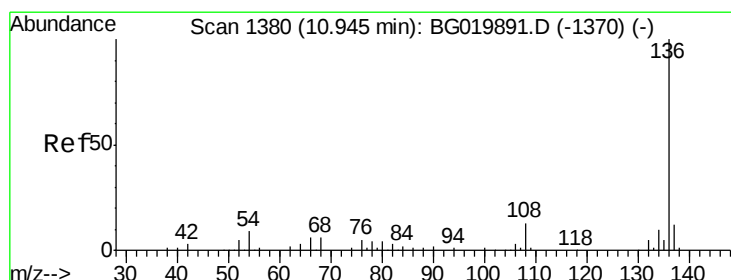
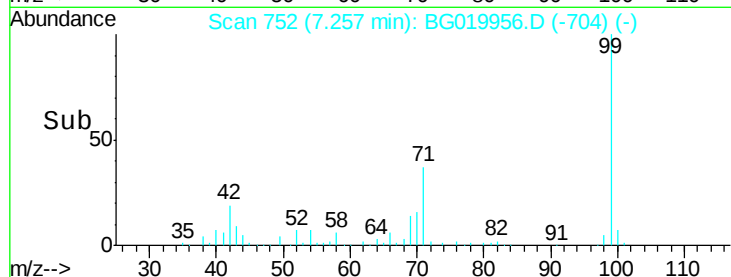
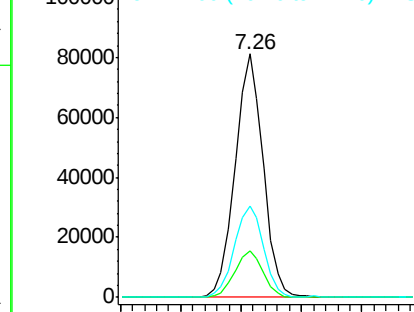
99 100

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

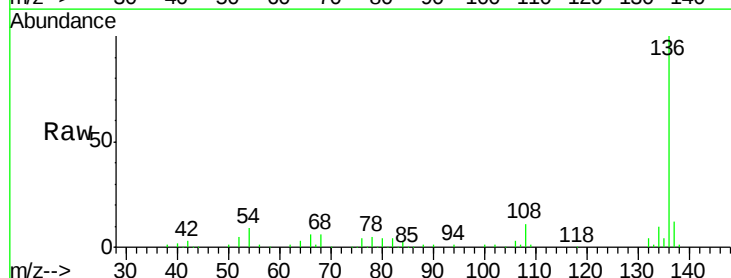
Ion Ratio Lower Upper

136 100

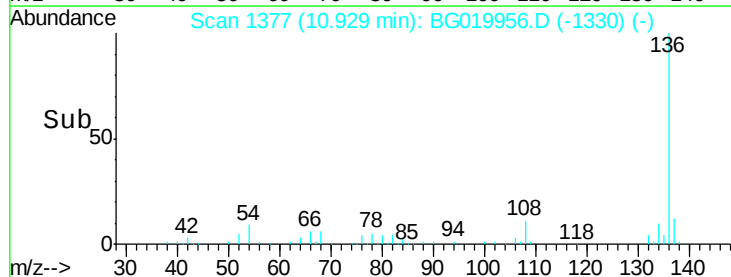
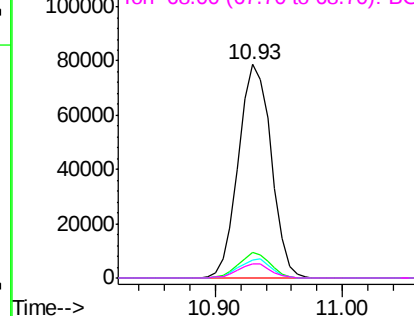
137 11.8 8.6 12.8

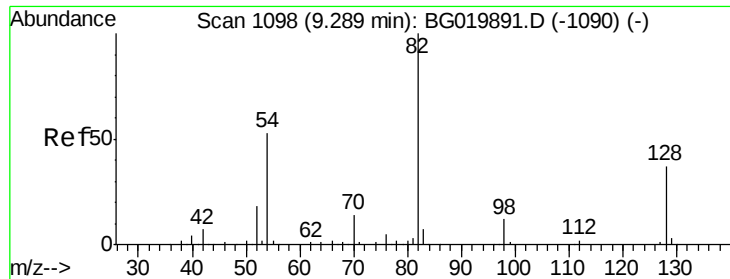
54 8.6 5.4 8.2#

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

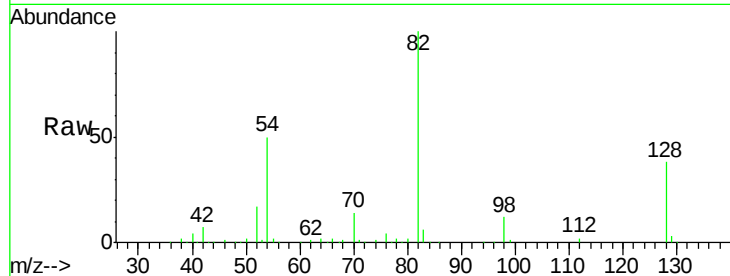




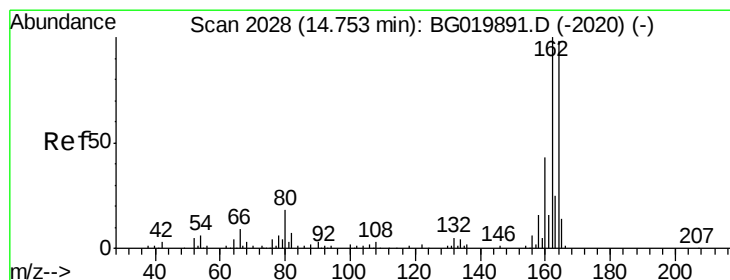
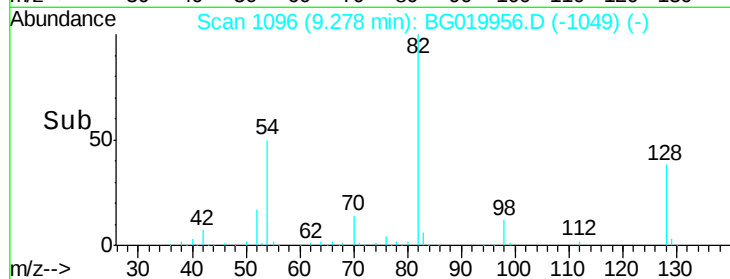
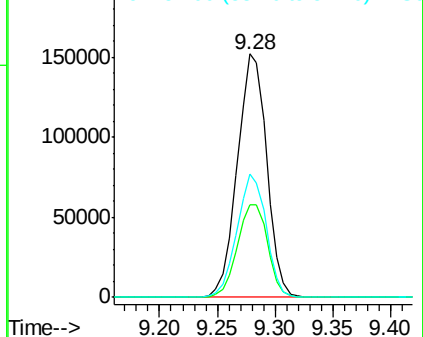
#23
 Nitrobenzene-d5
 Concen: 97.18 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

Instrument :
 BNA_G
 ClientSampled :
 MW-14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.7	55.1
54	50.4	33.8	50.8

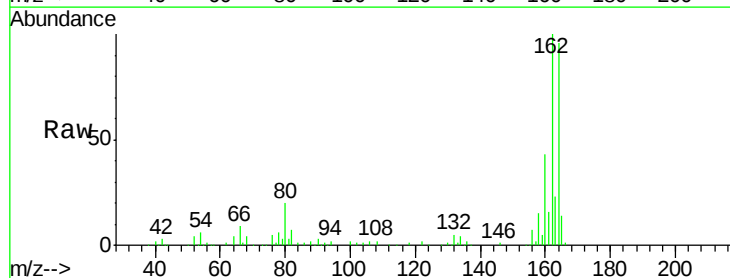


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

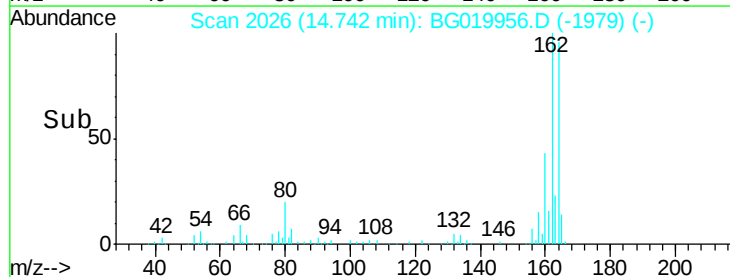
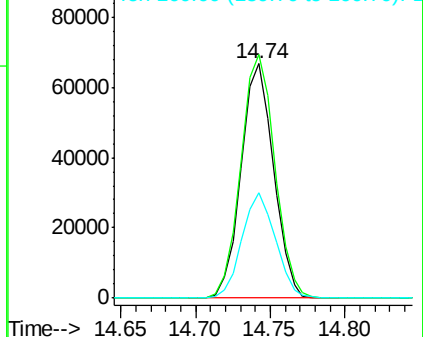


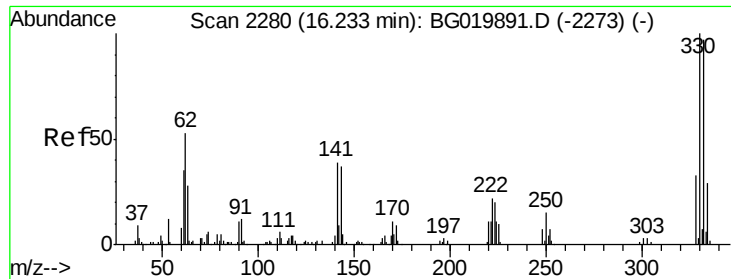
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	44.9	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

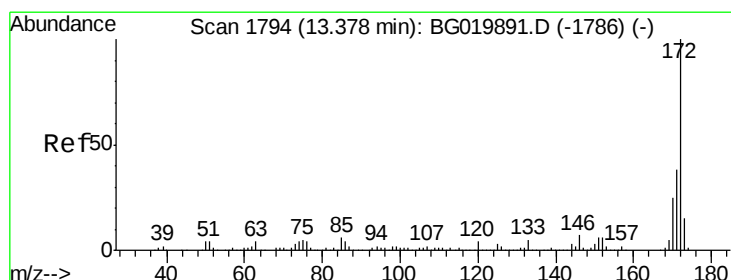
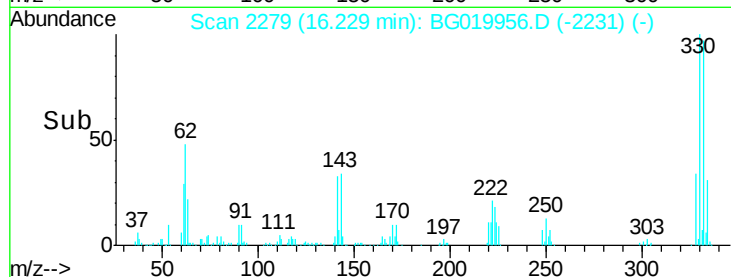
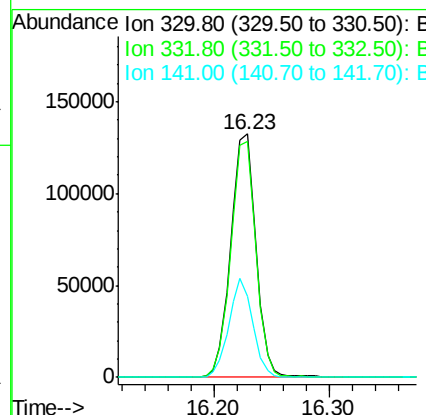
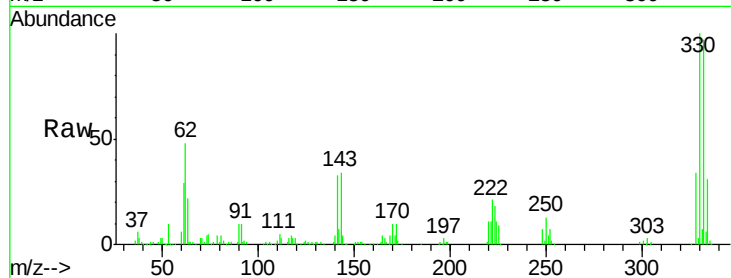




#41
 2,4,6-Tribromophenol
 Concen: 130.63 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019956.D
 Acq: 6 Dec 2015 00:05

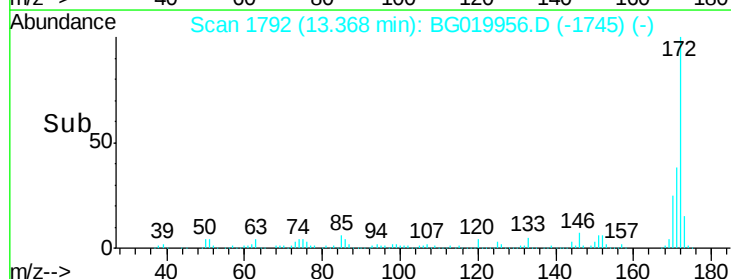
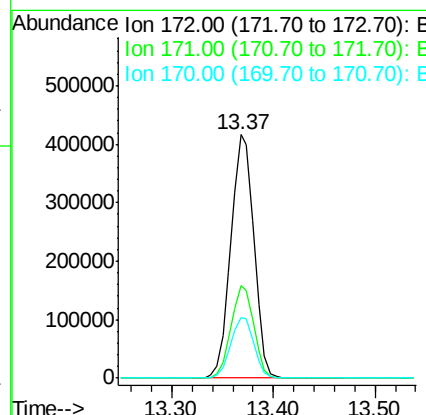
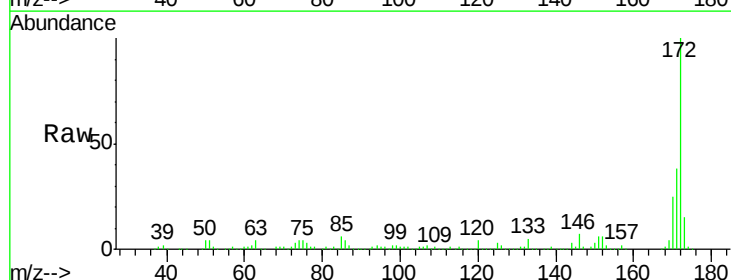
Instrument :
 BNA_G
 ClientSampleId :
 MW-14

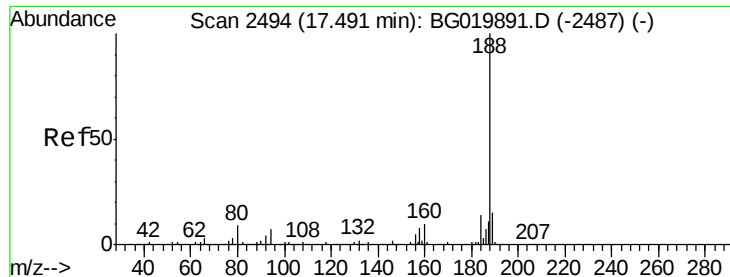
Tgt Ion:330 Resp: 200661
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 38.5 28.2 42.2



#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:172 Resp: 655148
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.0 43.6
 170 24.7 19.9 29.9

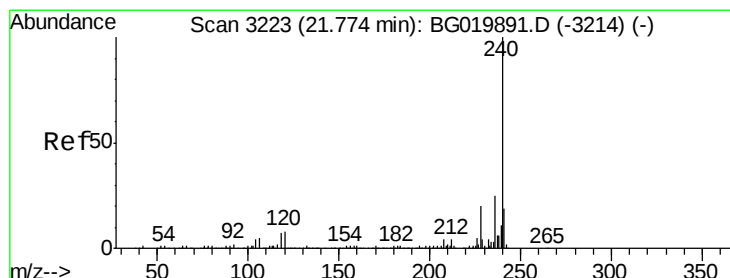
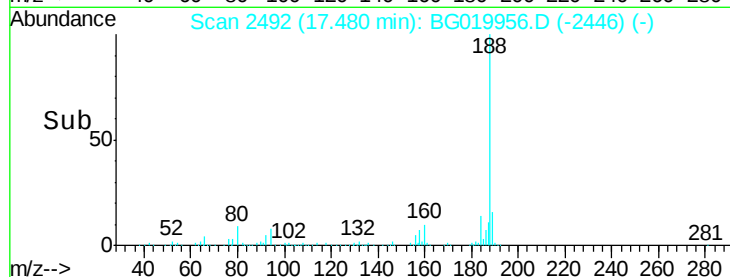
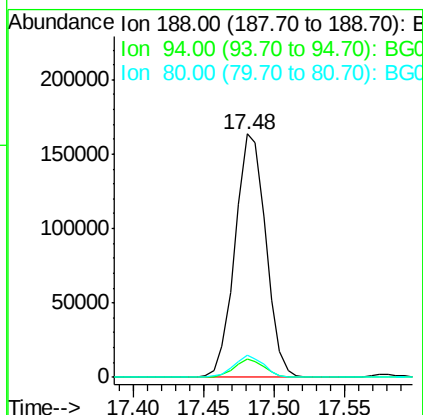
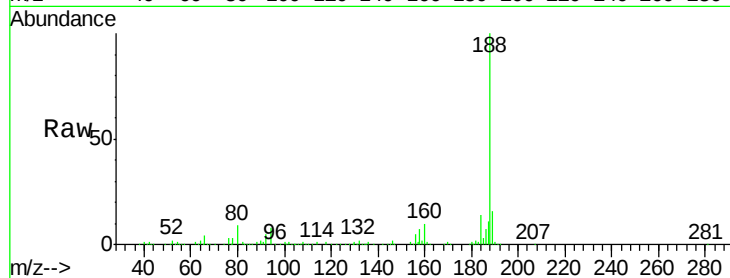




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019956.D
Acq: 6 Dec 2015 00:05

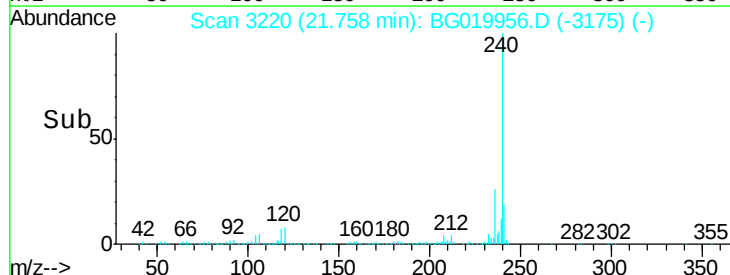
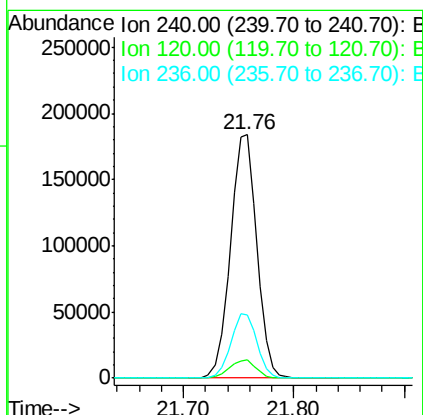
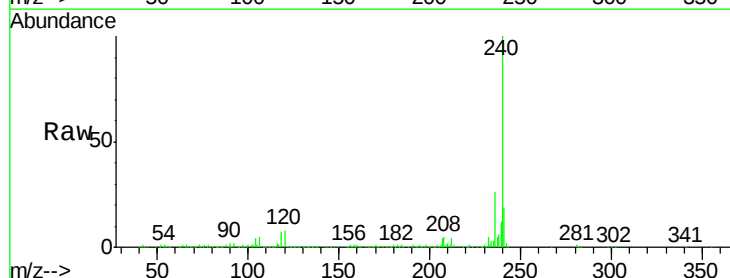
Instrument :
BNA_G
ClientSampleId :
MW-14

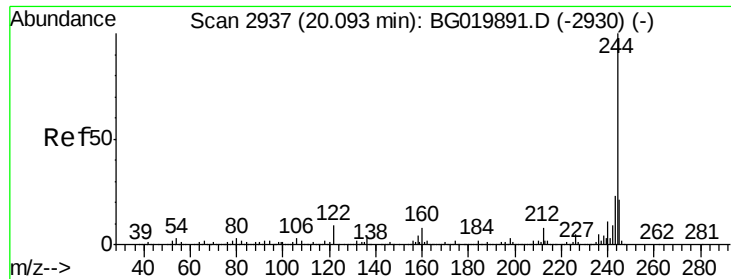
Tgt Ion:188 Resp: 248555
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 9.3 7.8 11.8



#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

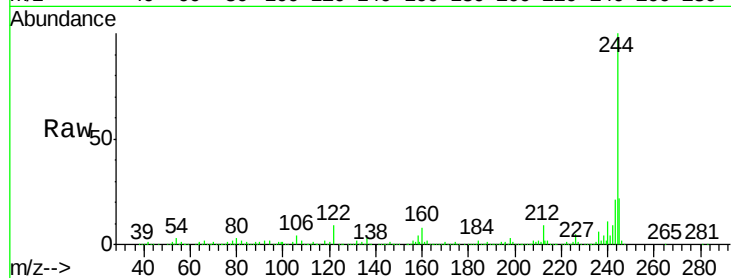
Tgt Ion:244 Resp: 1073653

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

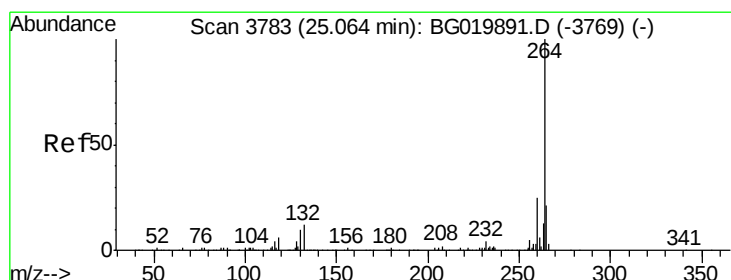
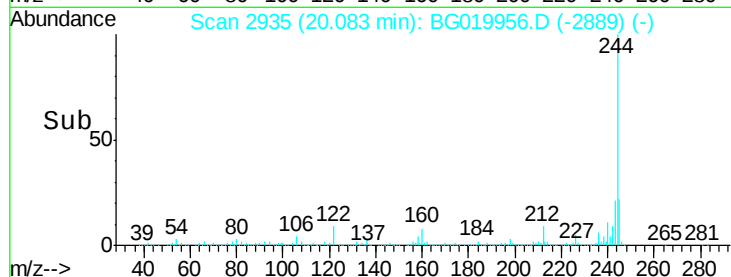
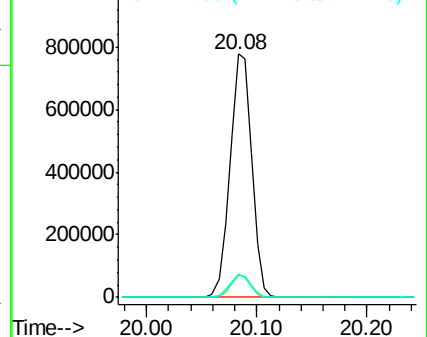
122 9.5 10.2 15.2#



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

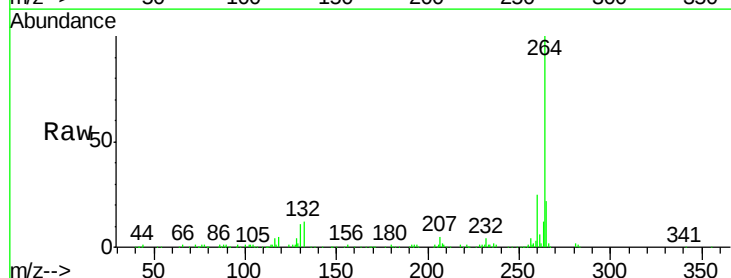
Tgt Ion:264 Resp: 290264

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

