

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020022.D
 Acq On : 8 Dec 2015 17:40
 Operator : UM/SJ
 Sample : G4676-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12A

Quant Time: Dec 09 04:06:08 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	17284	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	76447	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53671	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	130702	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	161737	20.00	ng	-0.04
86) Perylene-d12	25.03	264	150185	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	63006	65.88	ng	0.00
7) Phenol-d6	7.26	99	56458	39.10	ng	-0.02
23) Nitrobenzene-d5	9.28	82	152799	102.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	120011	146.14	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	384609	97.85	ng	-0.02
78) Terphenyl-d14	20.08	244	647465	97.64	ng	-0.03

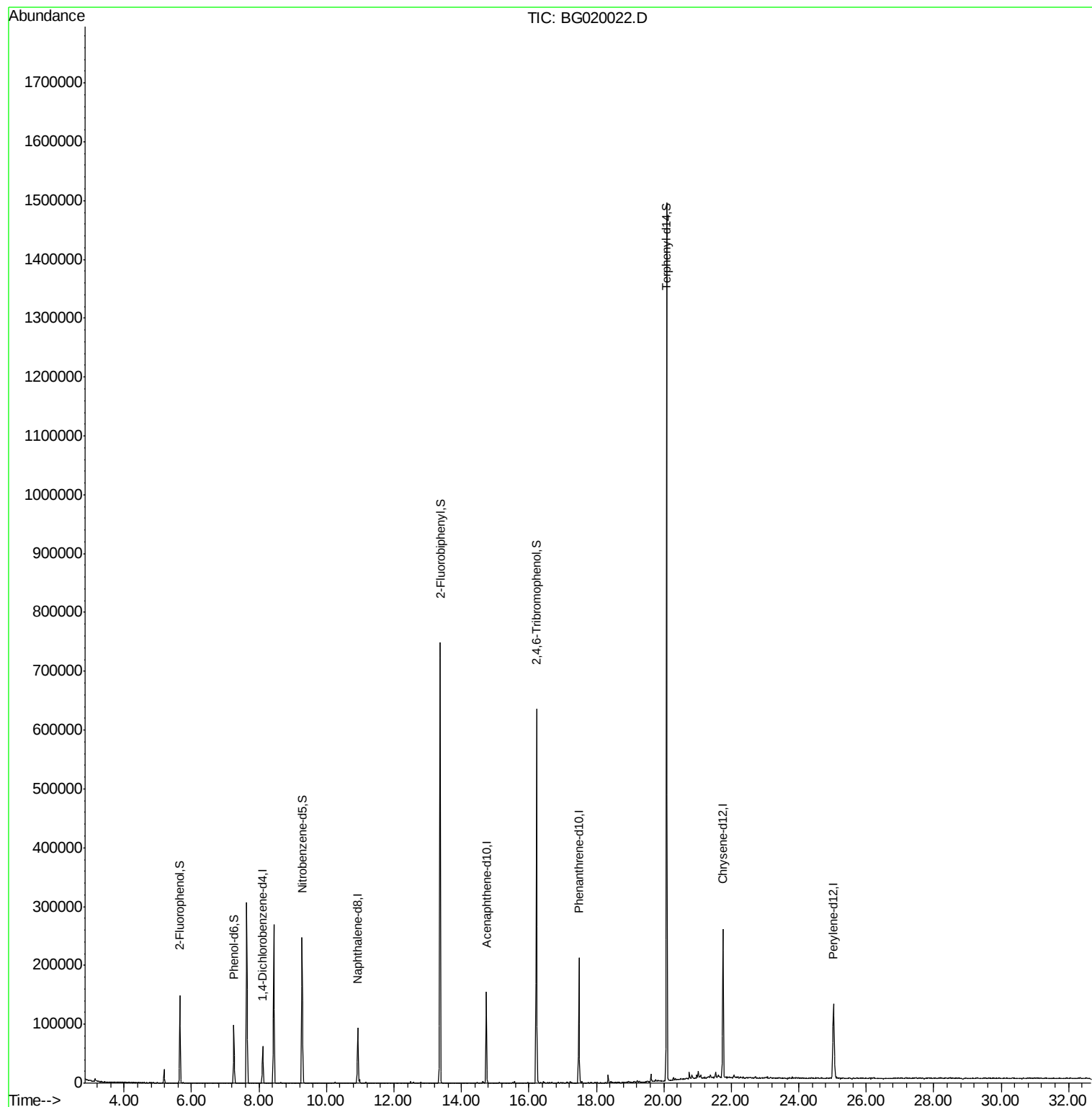
Target Compounds	Qvalue
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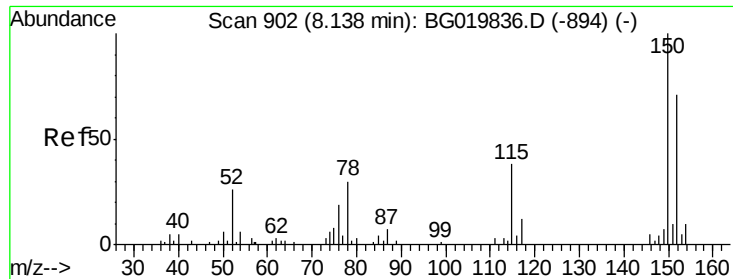
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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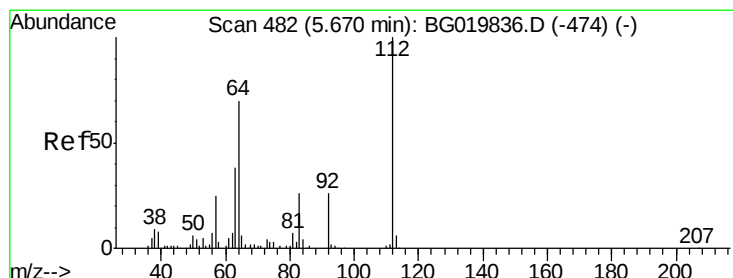
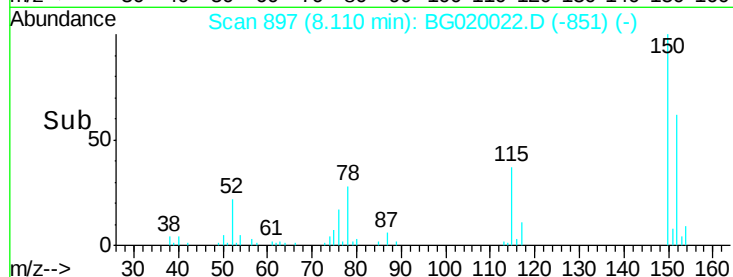
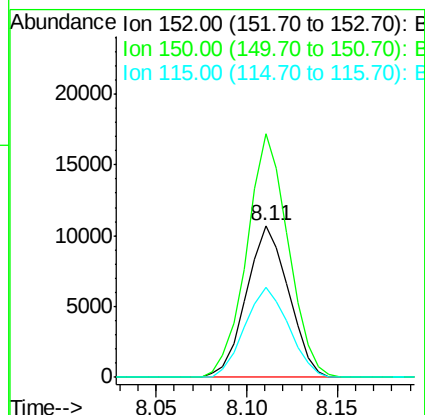
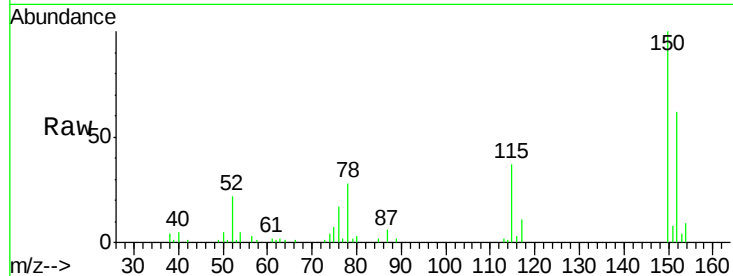


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020022.D
Acq: 8 Dec 2015 17:40

Instrument :
BNA_G
ClientSampleId :
MW-12A

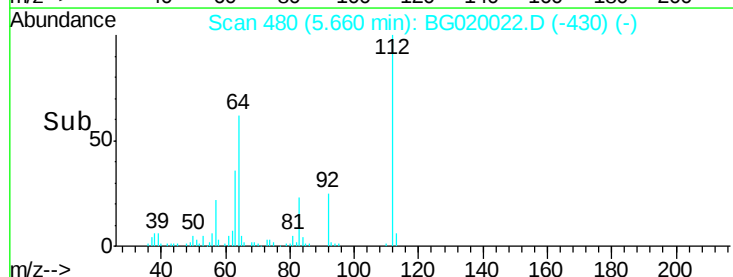
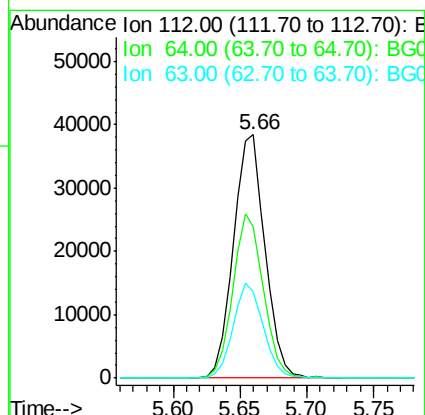
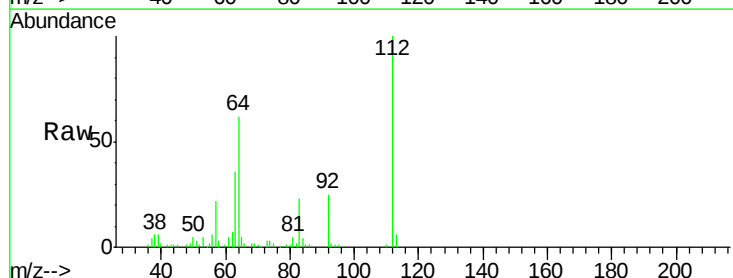
Tgt Ion:152 Resp: 17284
Ion Ratio Lower Upper
152 100
150 160.7 115.0 172.4
115 59.0 43.9 65.9

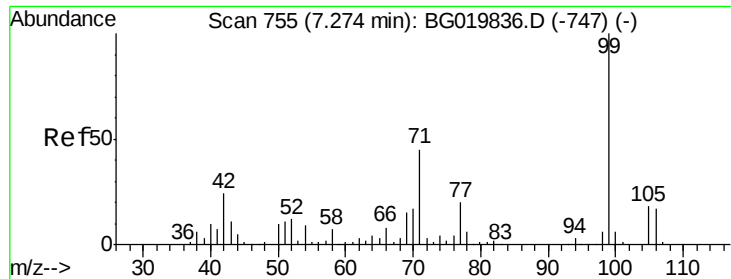


#5

2-Fluorophenol
Concen: 65.88 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020022.D
Acq: 8 Dec 2015 17:40

Tgt Ion:112 Resp: 63006
Ion Ratio Lower Upper
112 100
64 62.4 43.7 65.5
63 35.6 24.0 36.0





#7

Phenol-d6

Concen: 39.10 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020022.D

Acq: 8 Dec 2015 17:40

Instrument :

BNA_G

ClientSampleId :

MW-12A

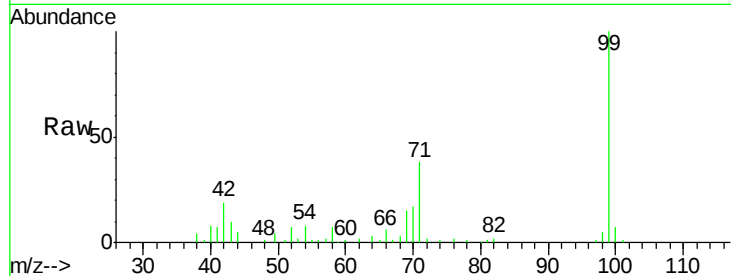
Tgt Ion: 99 Resp: 56458

Ion Ratio Lower Upper

99 100

42 19.1 11.5 17.3#

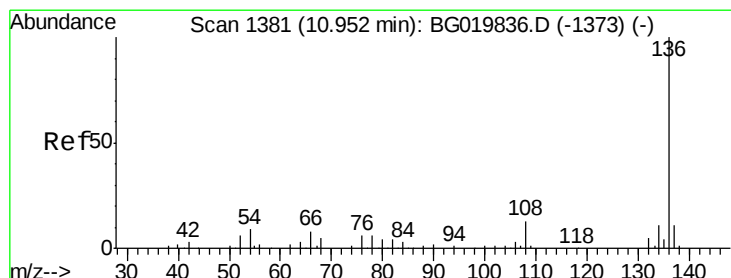
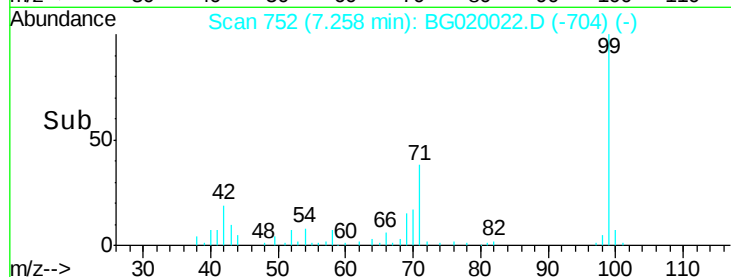
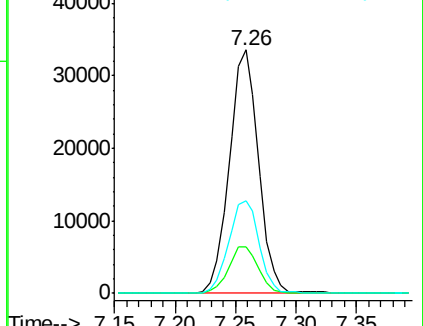
71 38.1 22.6 34.0#



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# 1377

Delta R.T. -0.02 min

Lab File: BG020022.D

Acq: 8 Dec 2015 17:40

Tgt Ion: 136 Resp: 76447

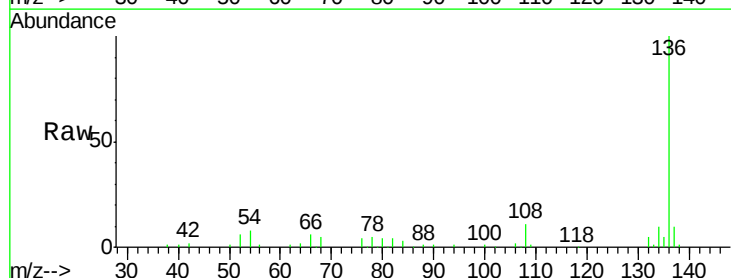
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 8.2 5.4 8.2#

68 5.1 5.3 7.9#

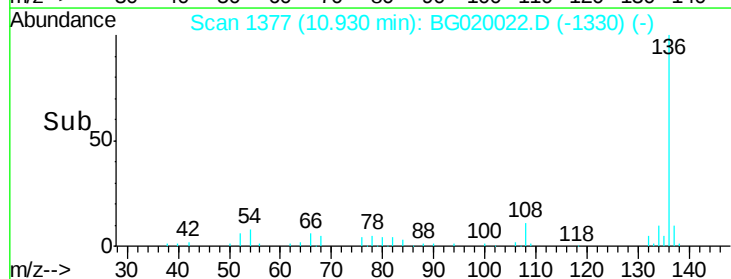
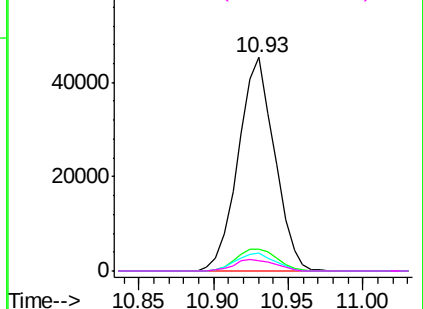


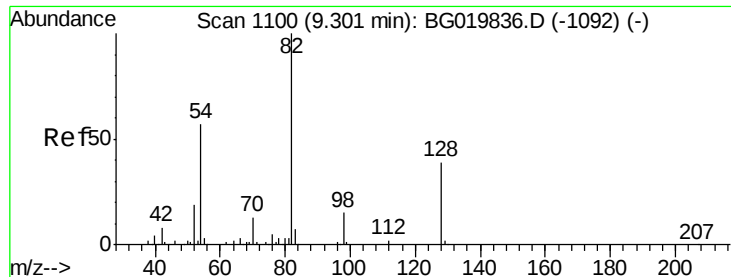
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

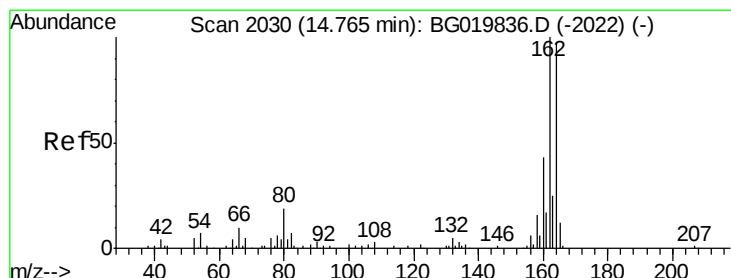
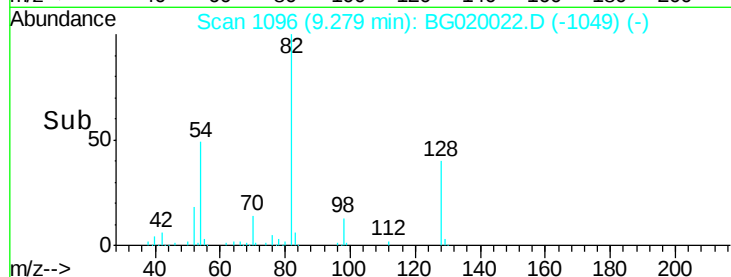
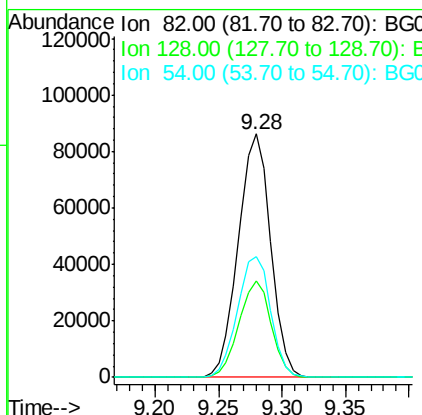
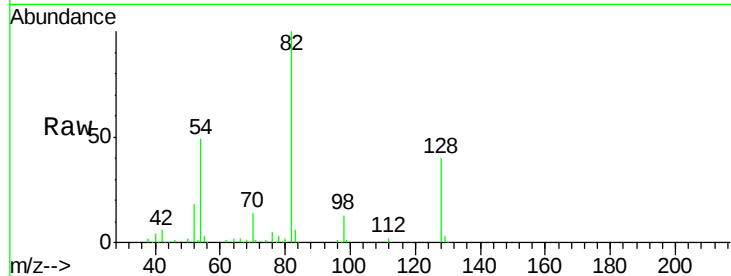




#23
 Nitrobenzene-d5
 Concen: 102.01 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020022.D
 Acq: 8 Dec 2015 17:40

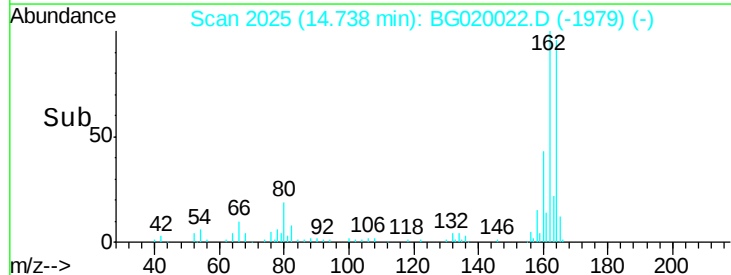
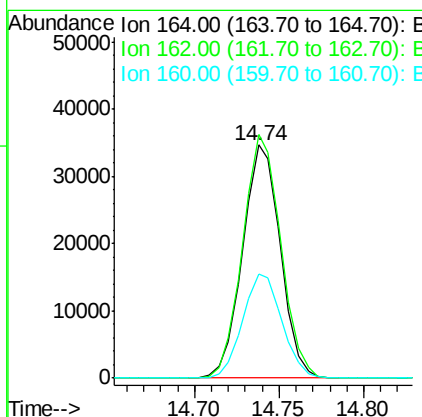
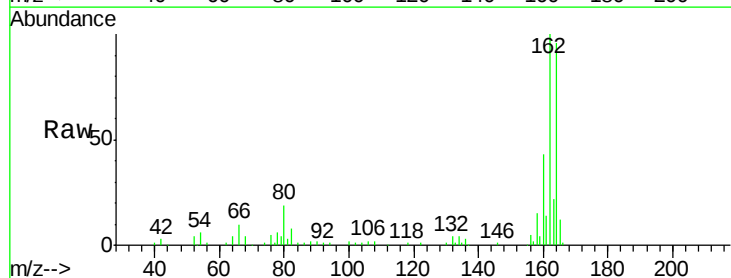
Instrument :
 BNA_G
 ClientSampleId :
 MW-12A

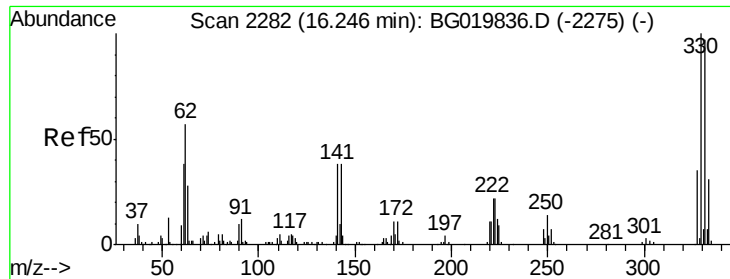
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.7	55.1
54	49.5	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020022.D
 Acq: 8 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	44.8	36.4	54.6

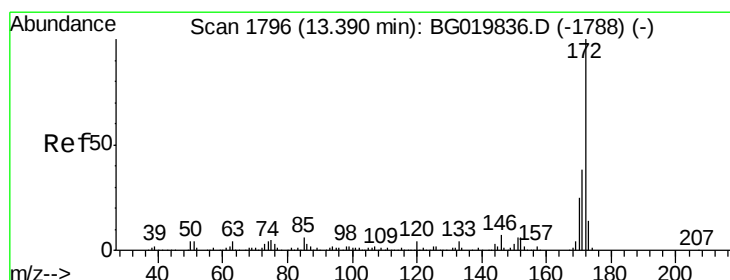
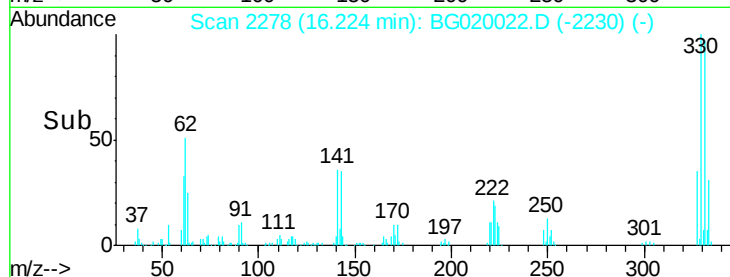
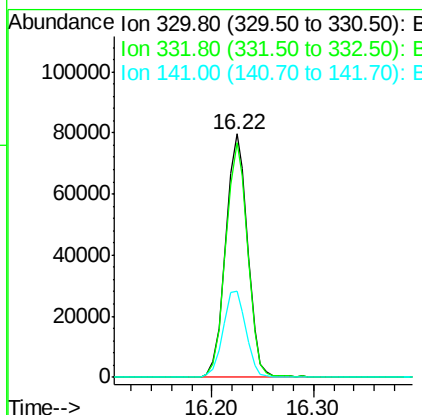
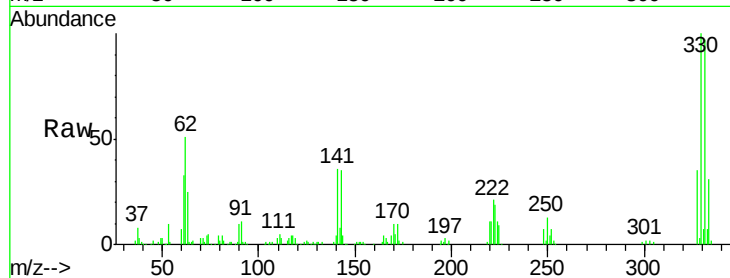




#41
 2,4,6-Tribromophenol
 Concen: 146.14 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020022.D
 Acq: 8 Dec 2015 17:40

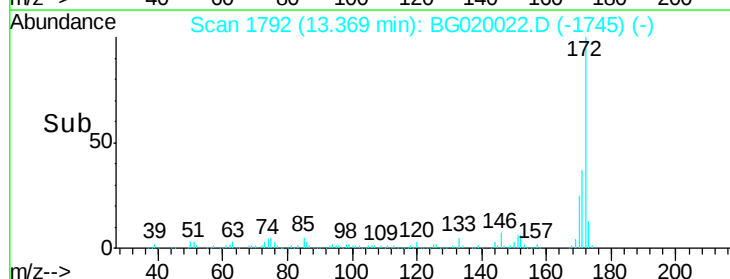
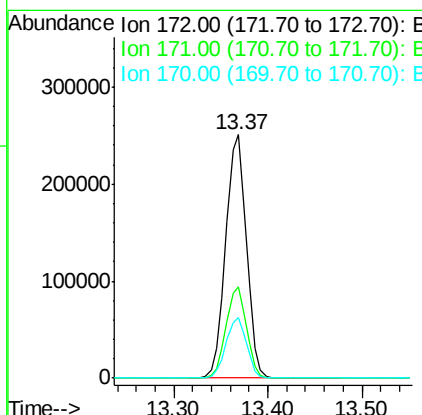
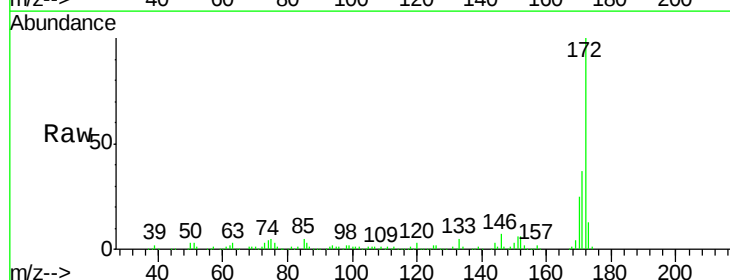
Instrument :
 BNA_G
 ClientSampleId :
 MW-12A

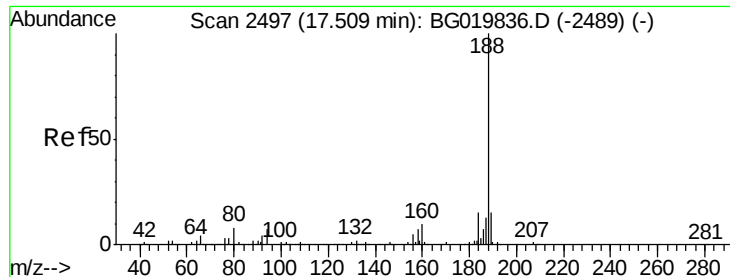
Tgt Ion:330 Resp: 120011
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 37.0 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 97.85 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020022.D
 Acq: 8 Dec 2015 17:40

Tgt Ion:172 Resp: 384609
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 24.7 19.9 29.9

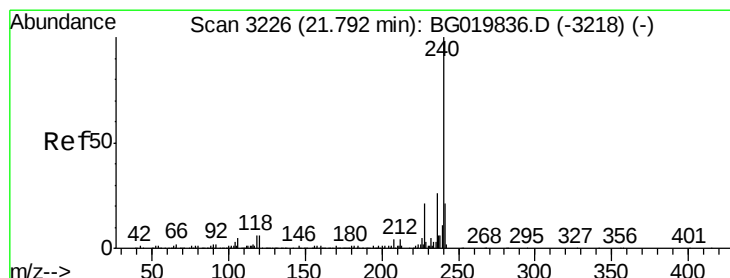
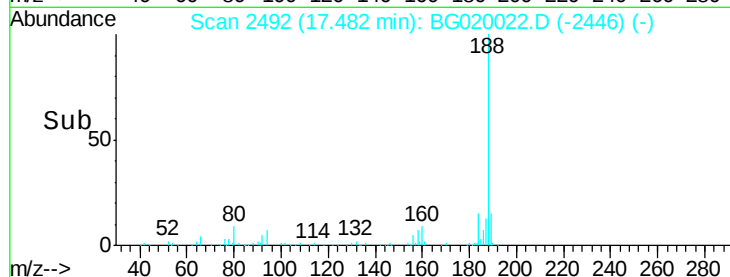
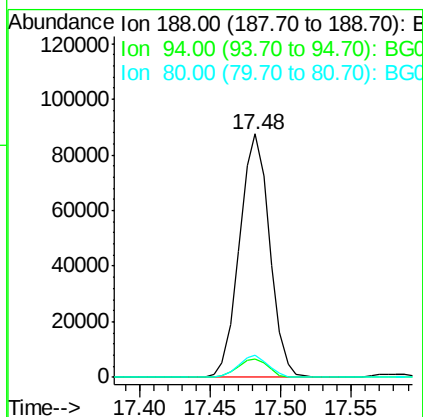
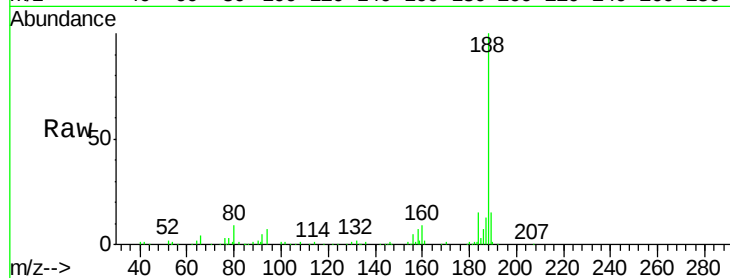




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020022.D
Acq: 8 Dec 2015 17:40

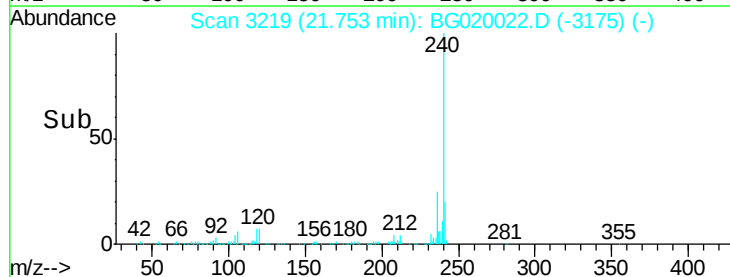
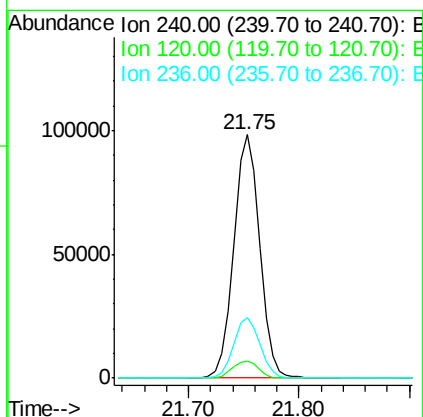
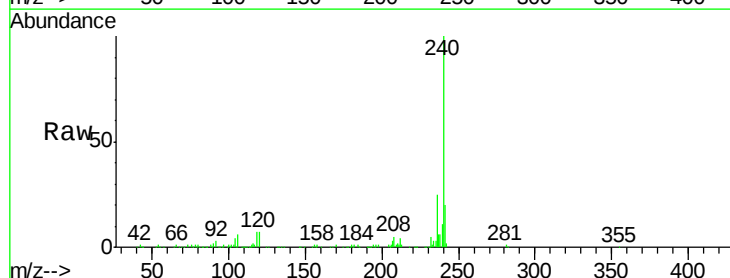
Instrument :
BNA_G
ClientSampleId :
MW-12A

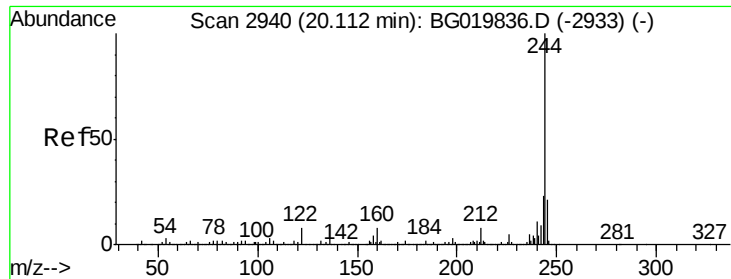
Tgt Ion:188 Resp: 130702
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020022.D
Acq: 8 Dec 2015 17:40

Tgt Ion:240 Resp: 161737
Ion Ratio Lower Upper
240 100
120 6.9 7.4 11.0#
236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 97.64 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020022.D

Acq: 8 Dec 2015 17:40

Instrument :

BNA_G

ClientSampleId :

MW-12A

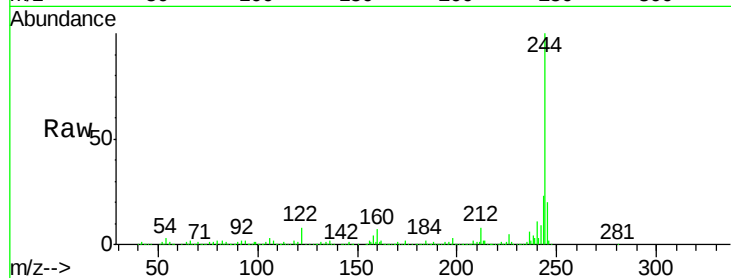
Tgt Ion:244 Resp: 647465

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

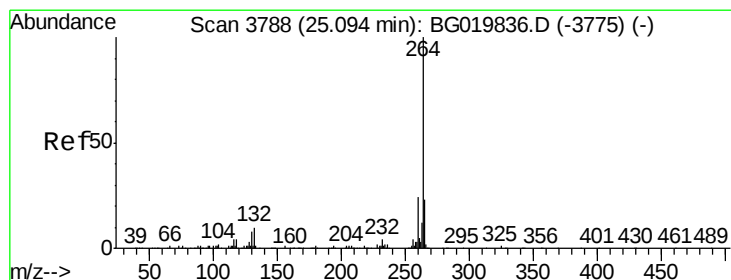
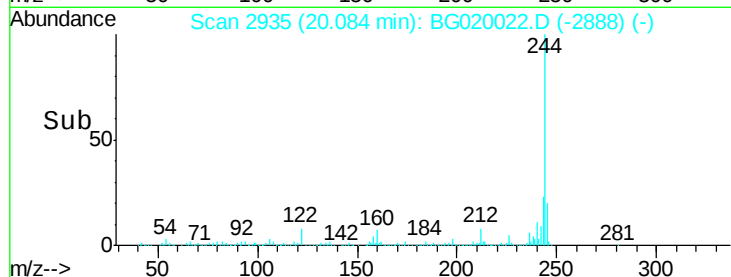
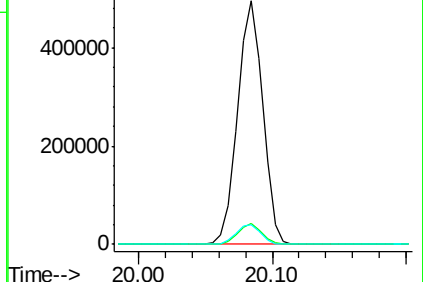
122 8.0 10.2 15.2#



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: BG020022.D

Acq: 8 Dec 2015 17:40

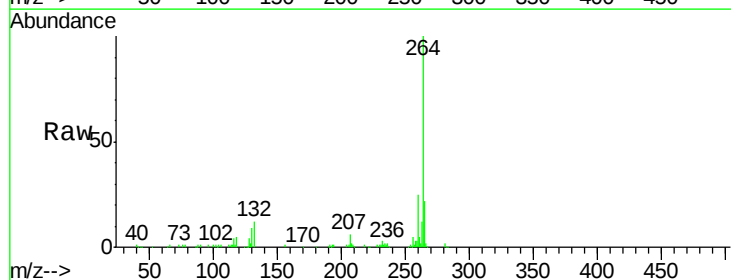
Tgt Ion:264 Resp: 150185

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 22.2 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

