

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019878.D
 Acq On : 3 Dec 2015 20:02
 Operator : UM/NP
 Sample : G4598-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Quant Time: Dec 04 02:52:26 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	24670	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	110786	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	83085	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	208443	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	253701	20.00	ng	-0.02
86) Perylene-d12	25.07	264	236445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	8449	6.19	ng	0.00
7) Phenol-d6	7.26	99	8736	4.24	ng	-0.01
23) Nitrobenzene-d5	9.29	82	30522	14.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	14923	11.74	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	86625	14.24	ng	-0.01
78) Terphenyl-d14	20.09	244	157640	15.16	ng	-0.02

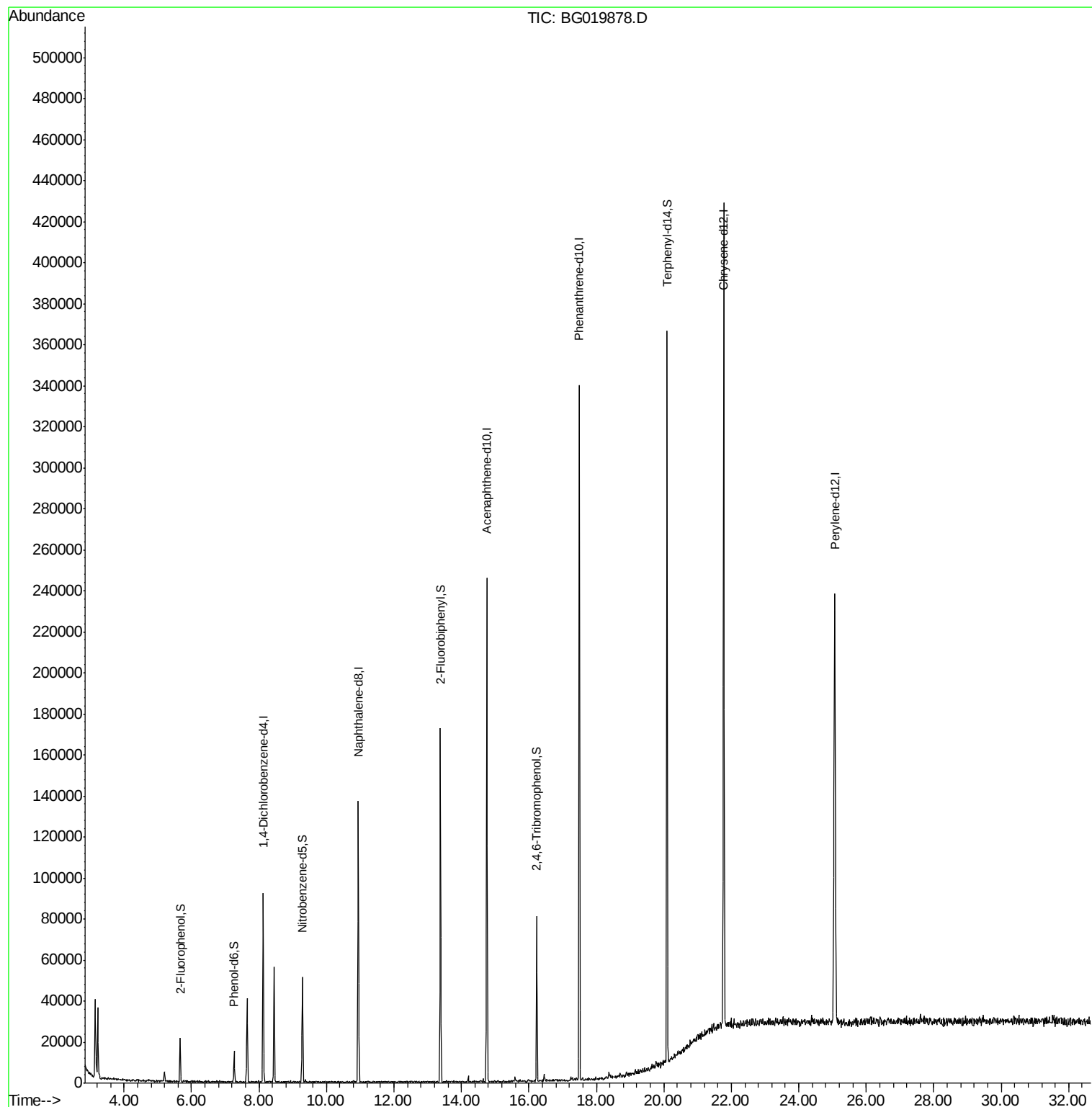
Target Compounds Qvalue

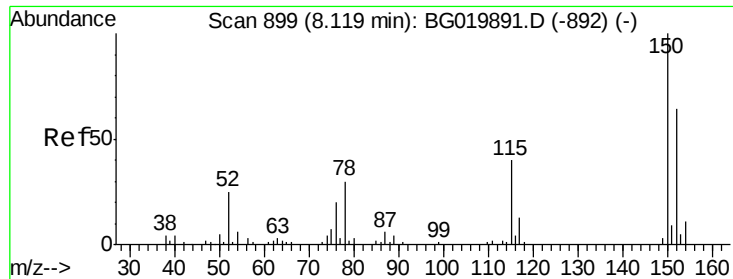
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

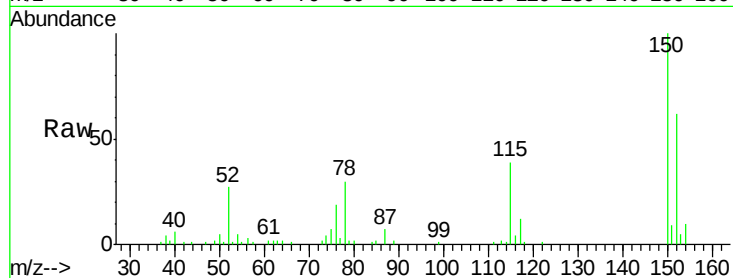
Tot Ion:152 Resp: 24670

Ion Ratio Lower Upper

152 100

150 160.8 115.0 172.4

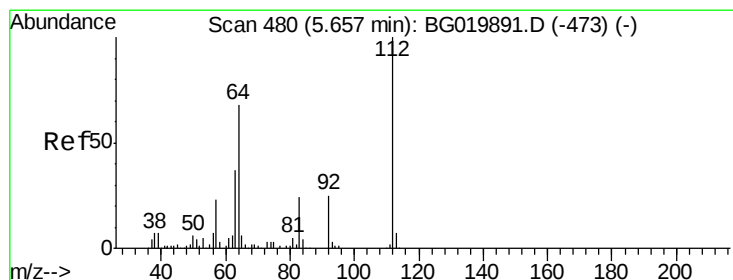
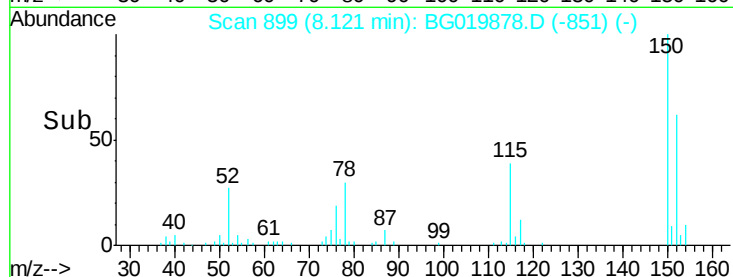
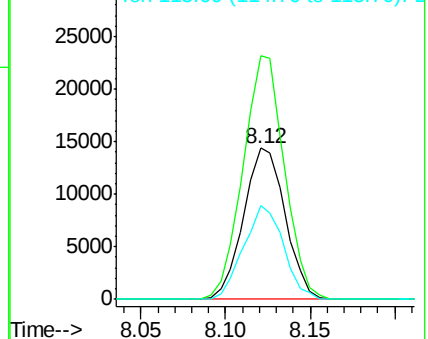
115 62.3 43.9 65.9



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: 6.19 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

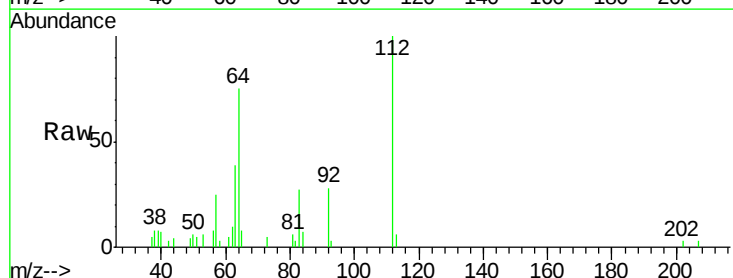
Tgt Ion:112 Resp: 8449

Ion Ratio Lower Upper

112 100

64 74.6 43.7 65.5#

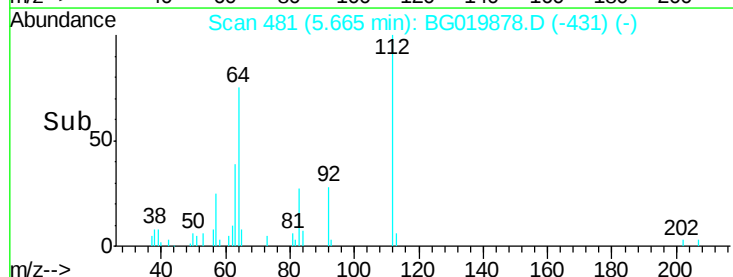
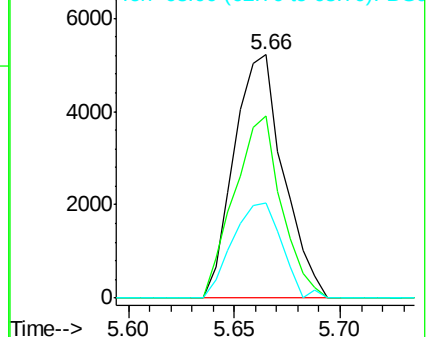
63 38.9 24.0 36.0#

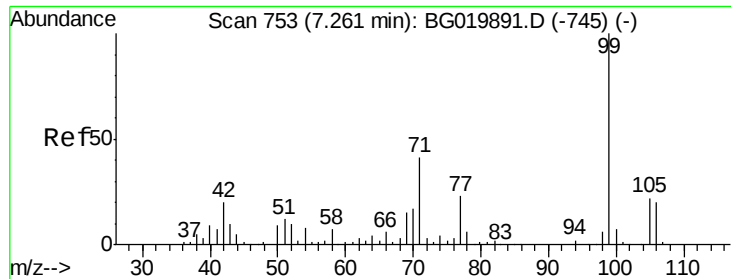


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 4.24 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

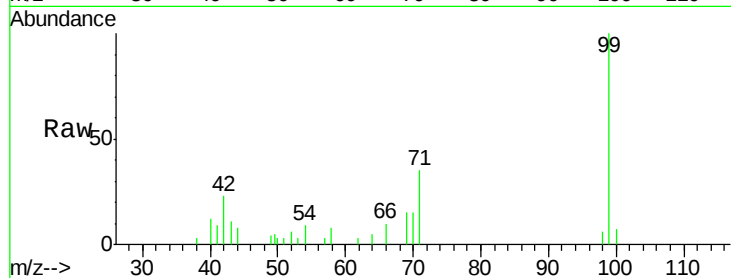
Tot Ion: 99 Resp: 8736

Ion Ratio Lower Upper

99 100

42 23.2 11.5 17.3#

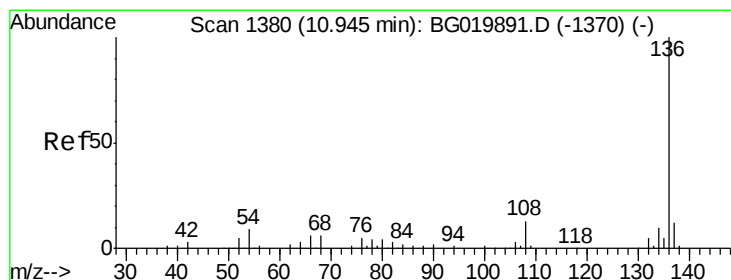
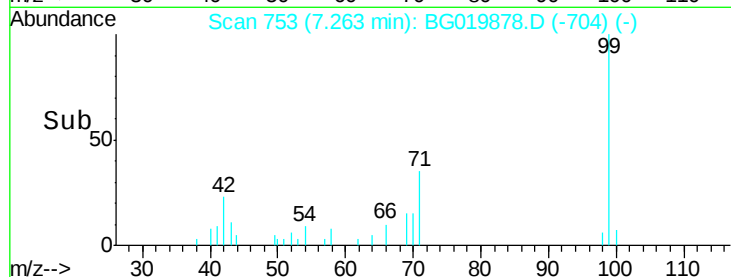
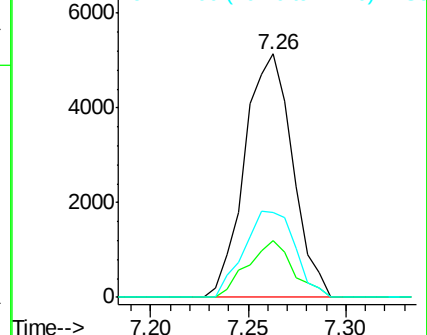
71 35.1 22.6 34.0#



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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Tgt Ion: 136 Resp: 110786

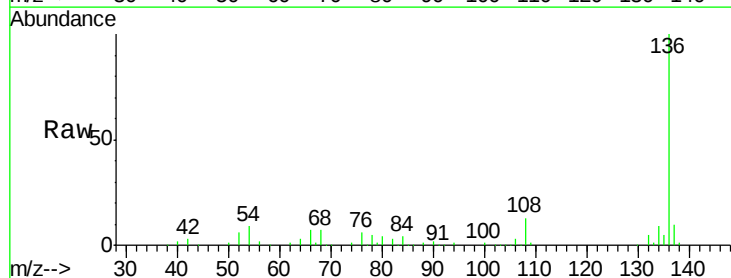
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 8.7 5.4 8.2#

68 6.6 5.3 7.9

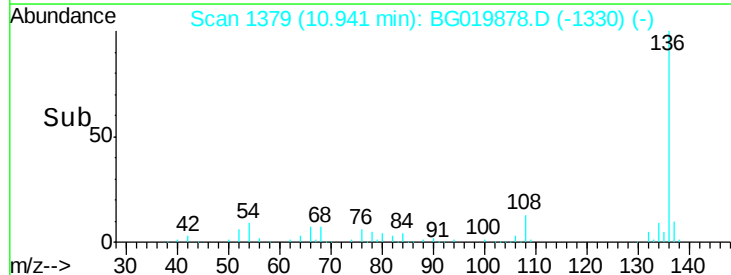
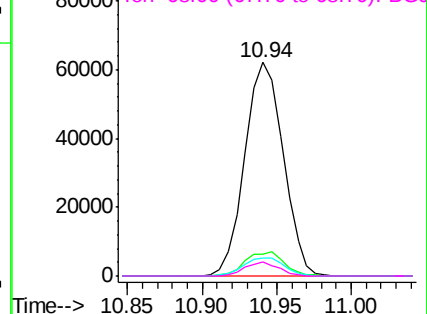


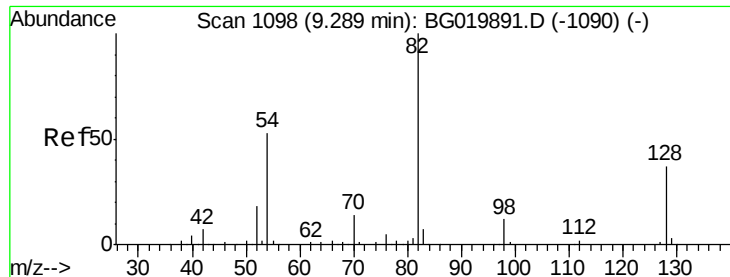
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

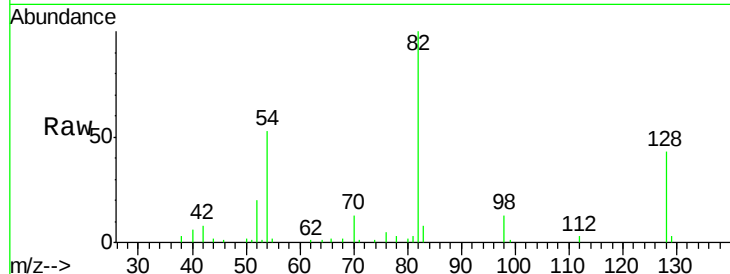




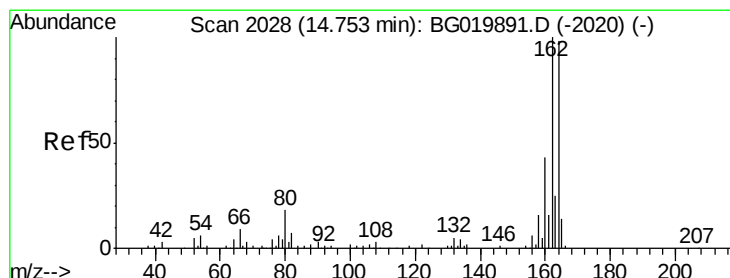
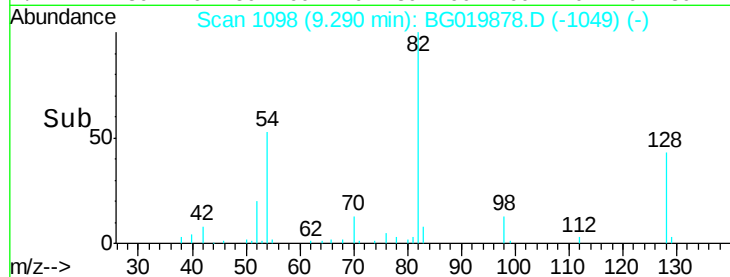
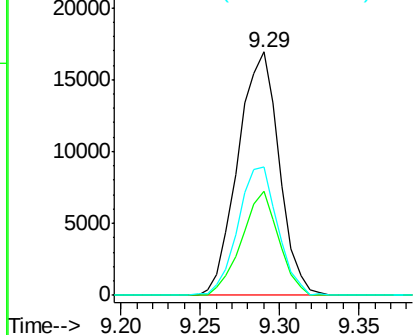
#23
 Nitrobenzene-d5
 Concen: 14.06 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Tot Ion	82	Resp	30522
Ion Ratio	Lower	Upper	
82	100		
128	42.9	36.7	55.1
54	52.7	33.8	50.8#

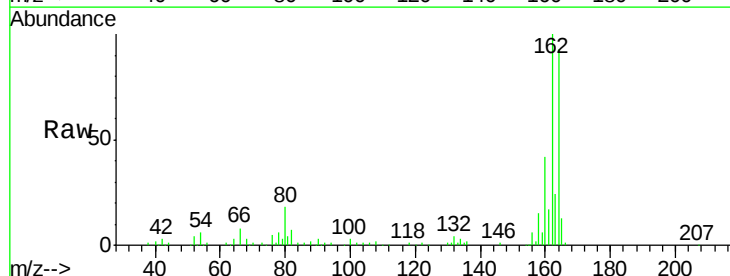


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

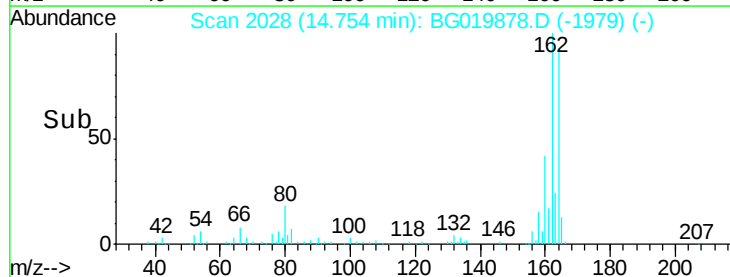
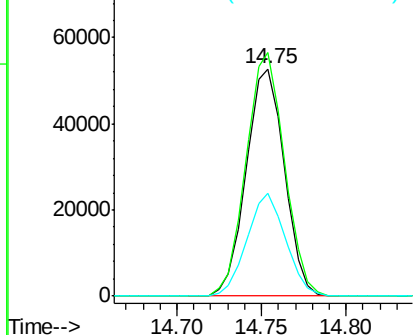


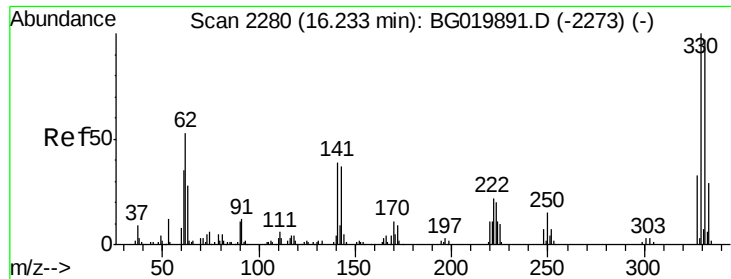
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Tgt Ion	164	Resp	83085
Ion Ratio	Lower	Upper	
164	100		
162	107.2	78.8	118.2
160	45.1	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

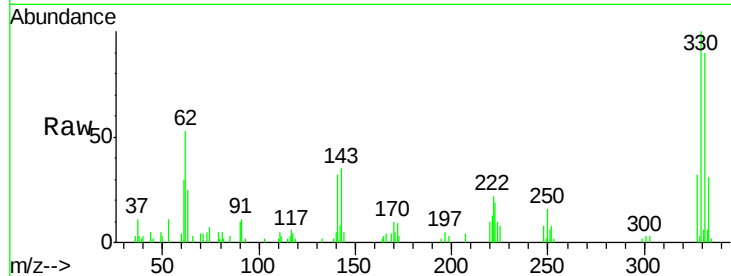




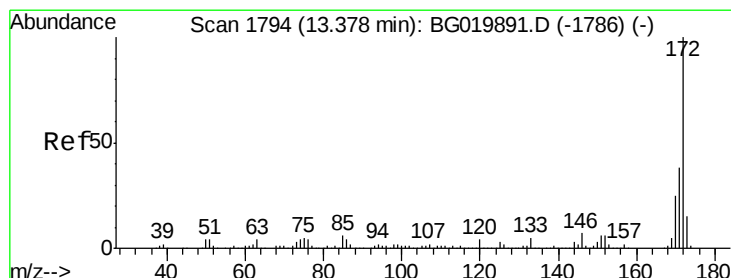
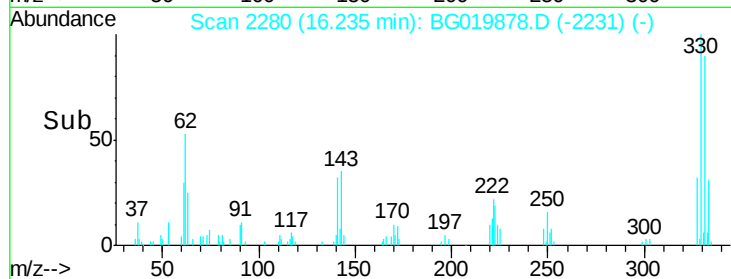
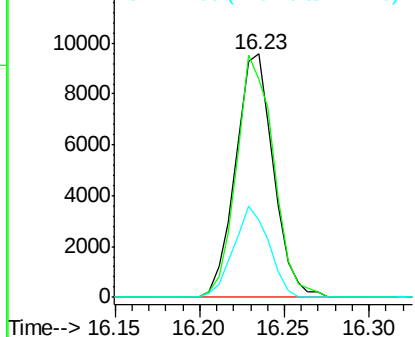
#41
 2,4,6-Tribromophenol
 Concen: 11.74 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Tot Ion:330 Resp: 14923
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.1 117.1
 141 34.9 28.2 42.2

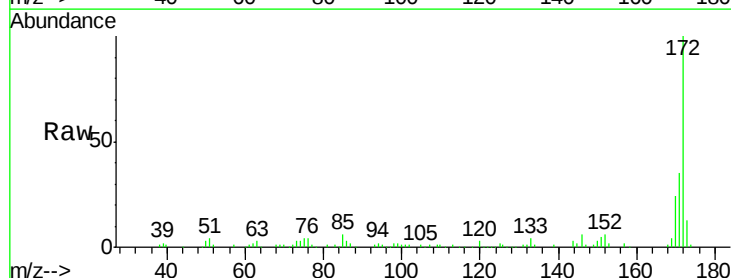


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

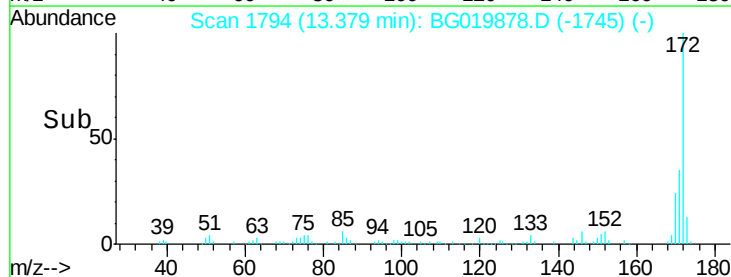
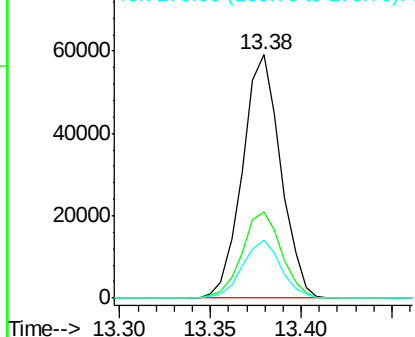


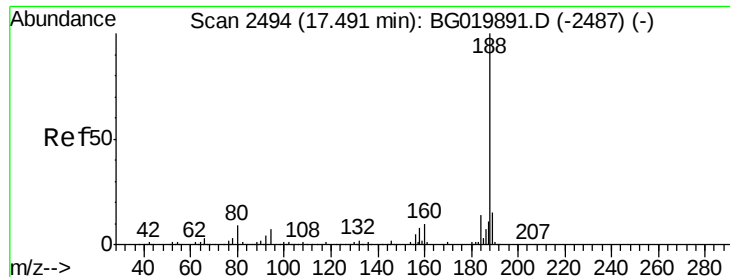
#44
 2-Fluorobiphenyl
 Concen: 14.24 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Tgt Ion:172 Resp: 86625
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 23.9 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: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

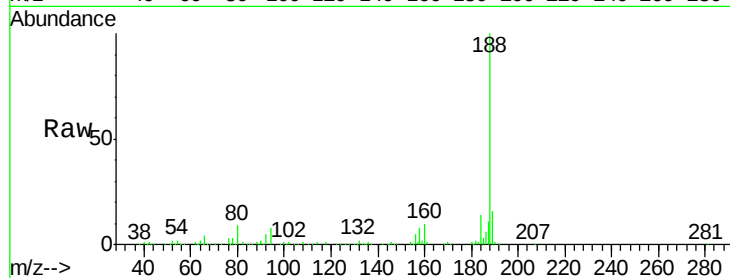
Tot Ion:188 Resp: 208443

Ion Ratio Lower Upper

188 100

94 7.8 7.7 11.5

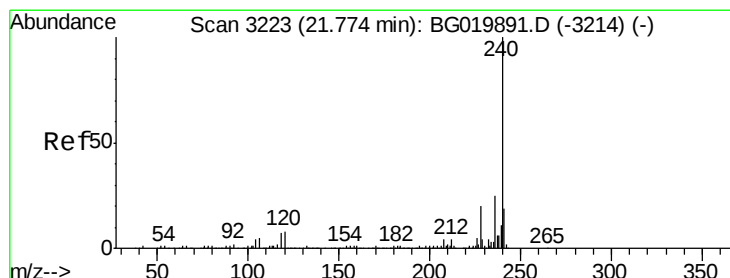
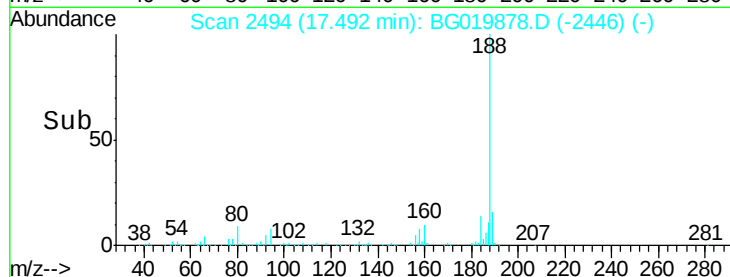
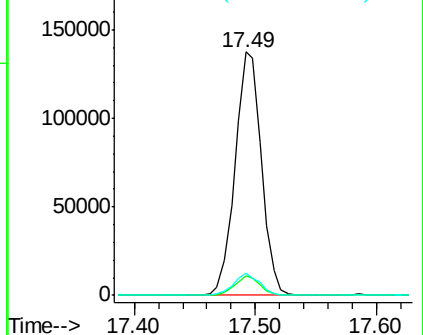
80 9.0 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

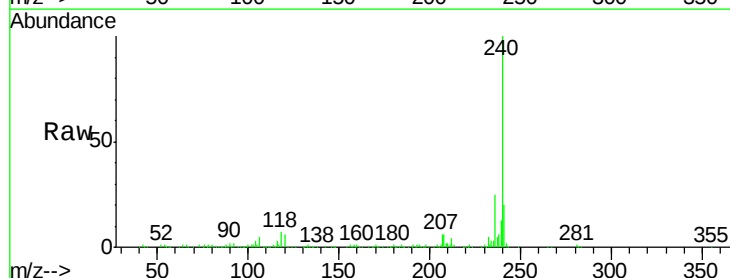
Tgt Ion:240 Resp: 253701

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

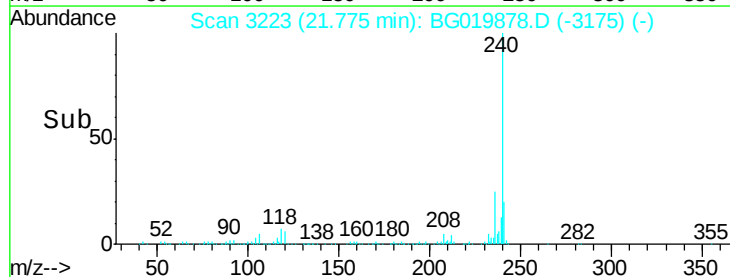
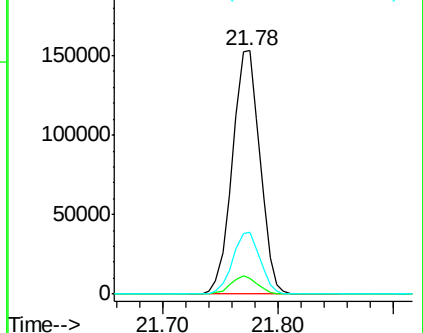
236 25.2 20.7 31.1

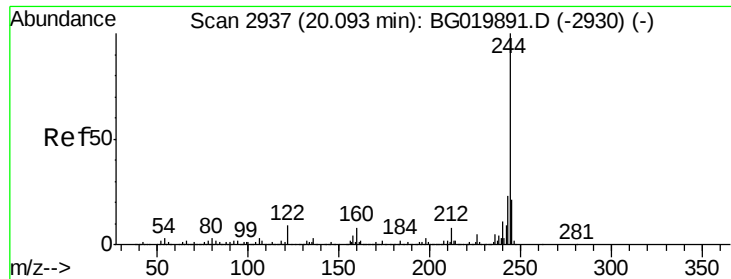


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.16 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

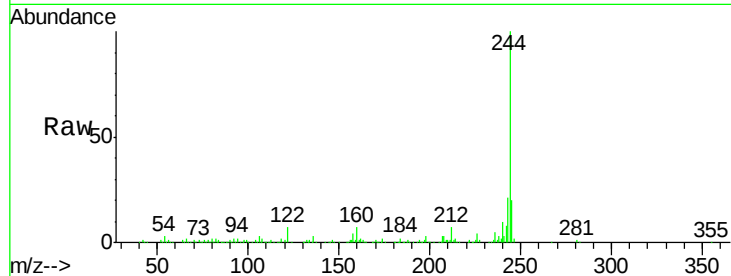
Tot Ion:244 Resp: 157640

Ion Ratio Lower Upper

244 100

212 7.2 6.9 10.3

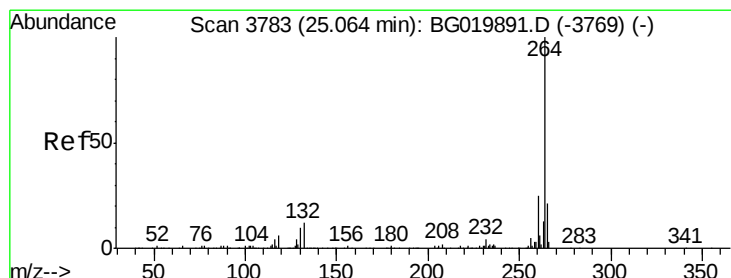
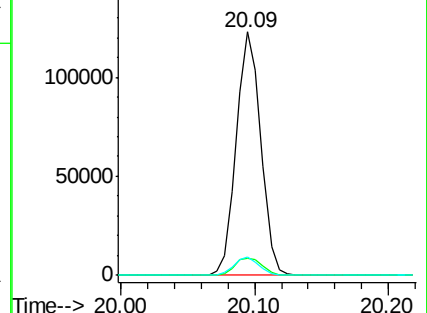
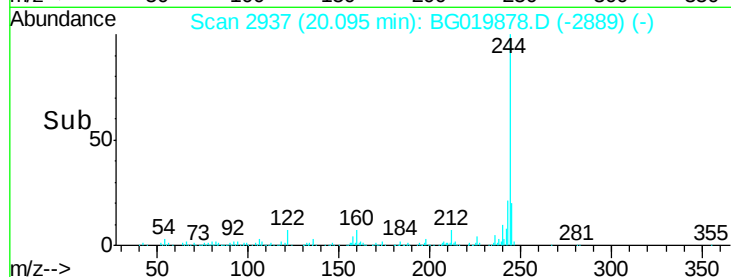
122 7.5 10.2 15.2#



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: 25.07 min Scan# 3783

Delta R.T. -0.03 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

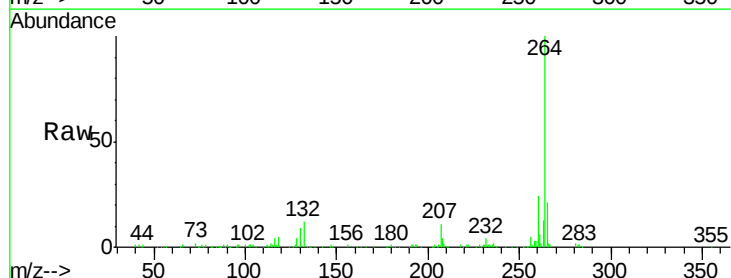
Tgt Ion:264 Resp: 236445

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 20.6 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

