

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019889.D
 Acq On : 4 Dec 2015 3:08
 Operator : UM/NP
 Sample : G4598-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 04 04:28:20 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	25274	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	112959	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	82041	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	209589	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	257824	20.00	ng	-0.02
86) Perylene-d12	25.06	264	242163	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	63506	45.41	ng	-0.01
7) Phenol-d6	7.26	99	62508	29.61	ng	-0.01
23) Nitrobenzene-d5	9.29	82	208943	94.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	114078	90.88	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	553174	92.06	ng	-0.01
78) Terphenyl-d14	20.10	244	947954	89.68	ng	-0.01

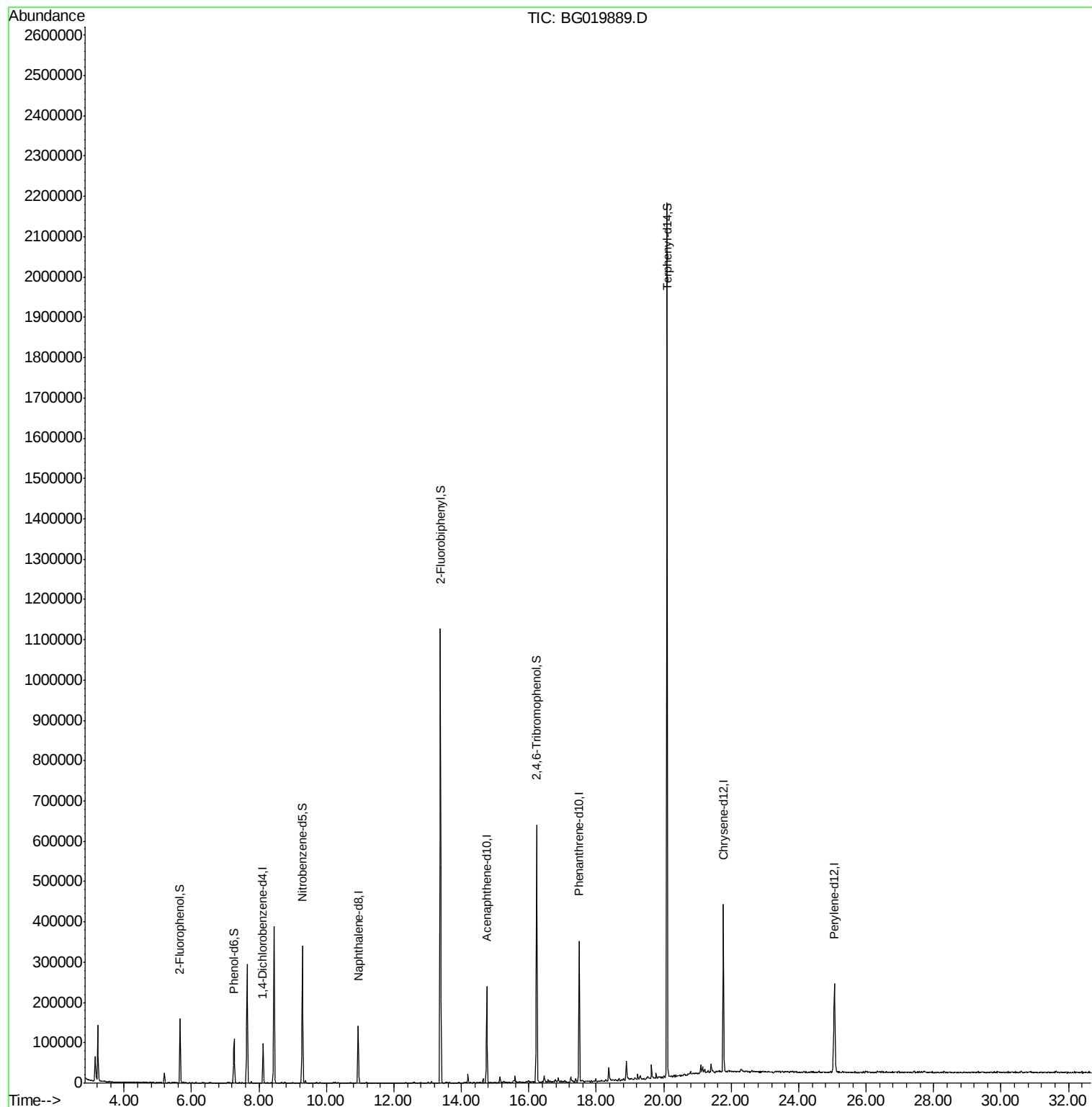
Target Compounds Qvalue

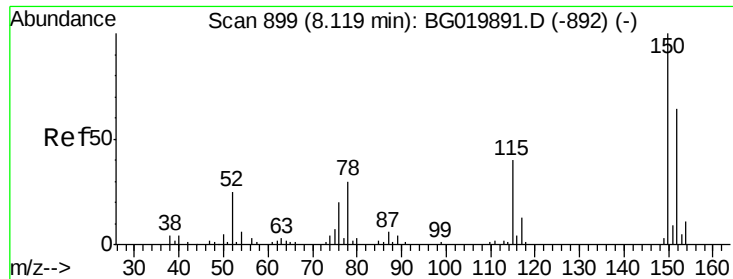
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019889.D

Acq: 4 Dec 2015 3:08

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-B

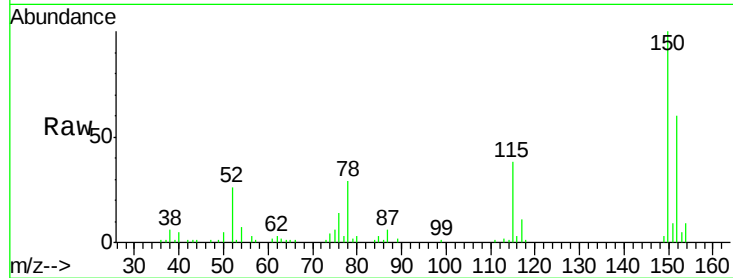
Tot Ion:152 Resp: 25274

Ion Ratio Lower Upper

152 100

150 168.0 115.0 172.4

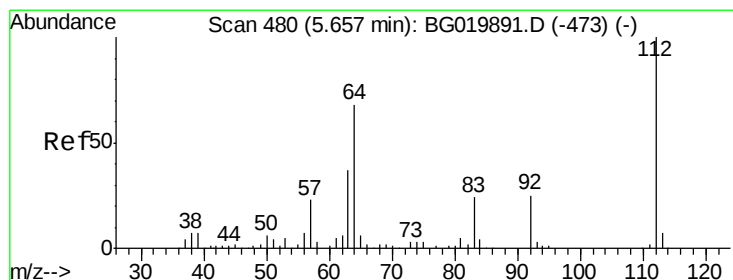
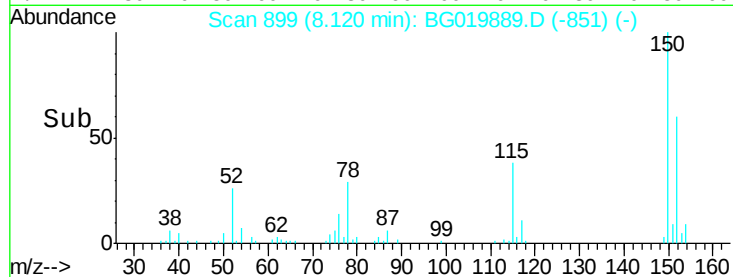
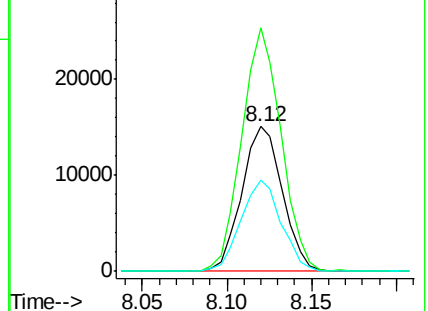
115 63.2 43.9 65.9



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: 45.41 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019889.D

Acq: 4 Dec 2015 3:08

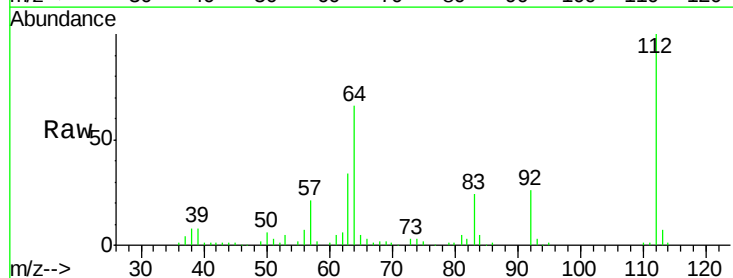
Tgt Ion:112 Resp: 63506

Ion Ratio Lower Upper

112 100

64 66.0 43.7 65.5#

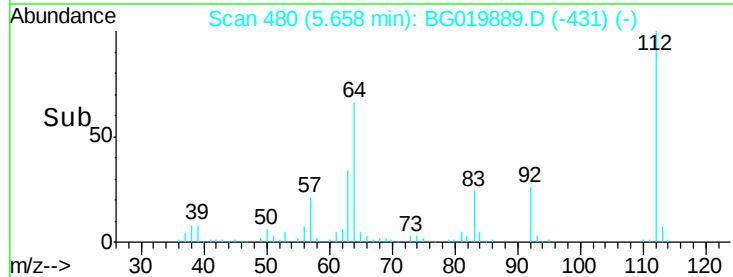
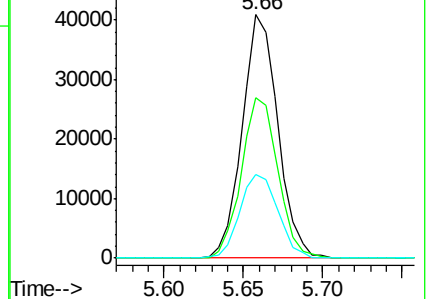
63 34.1 24.0 36.0

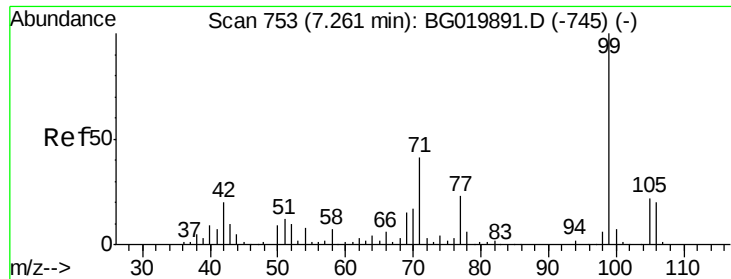


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.61 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019889.D

Acq: 4 Dec 2015 3:08

Instrument :

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ClientSampleId :

112715-A263-F-U-B

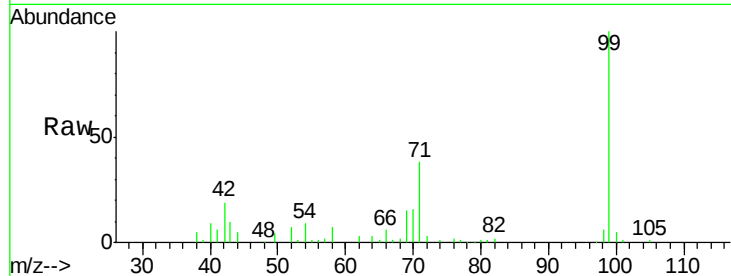
Tot Ion: 99 Resp: 62508

Ion Ratio Lower Upper

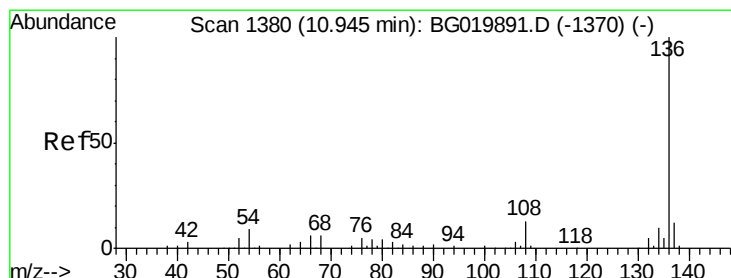
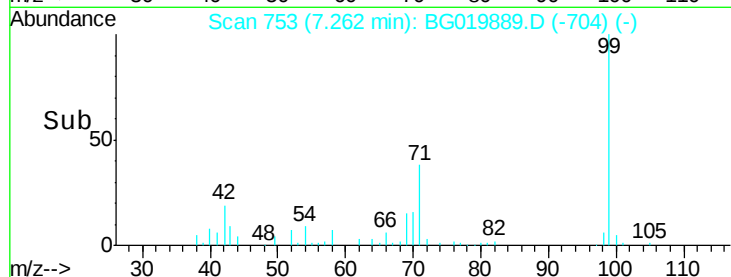
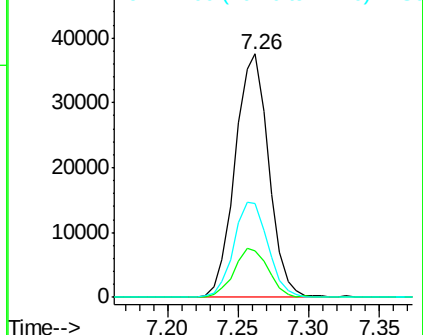
99 100

42 19.1 11.5 17.3#

71 38.3 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: BG019889.D

Acq: 4 Dec 2015 3:08

Tgt Ion: 136 Resp: 112959

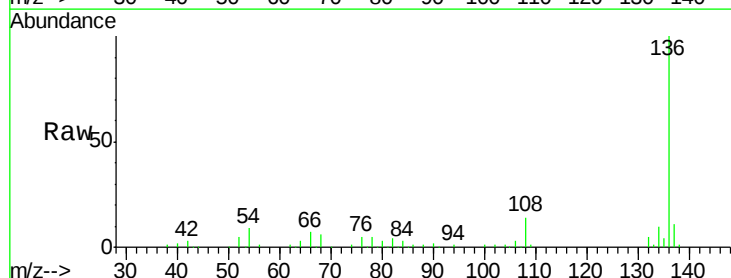
Ion Ratio Lower Upper

136 100

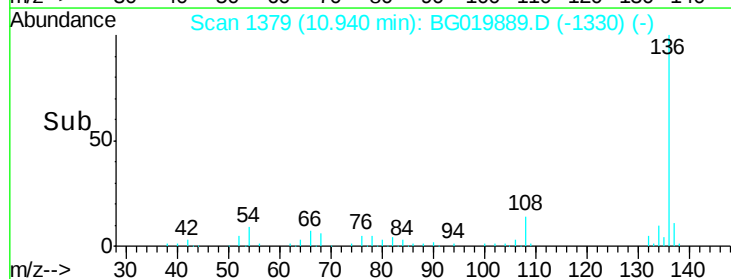
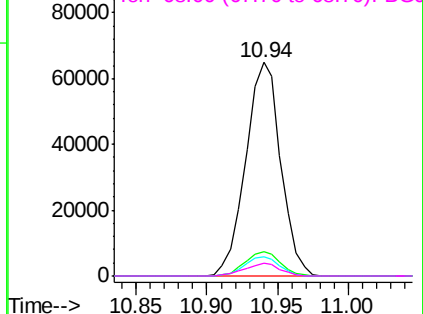
137 11.1 8.6 12.8

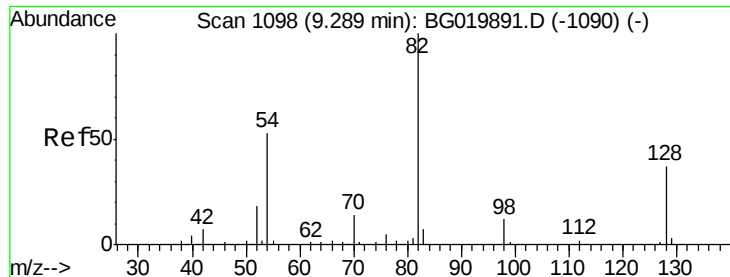
54 9.3 5.4 8.2#

68 6.0 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

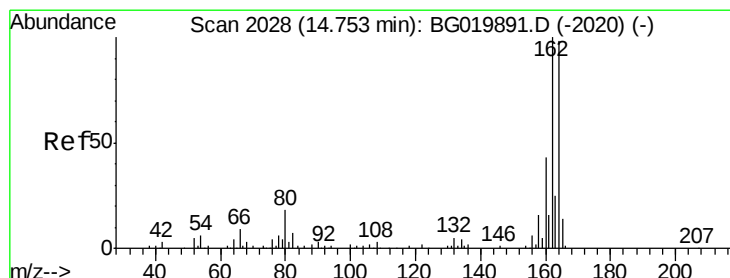
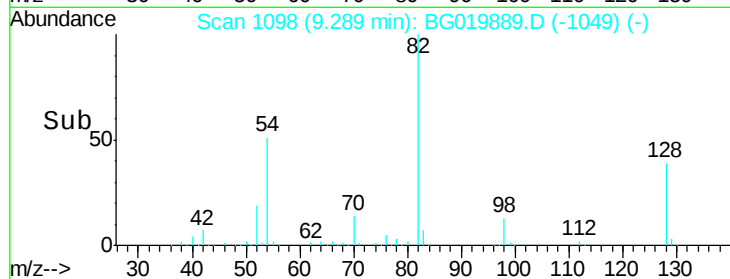
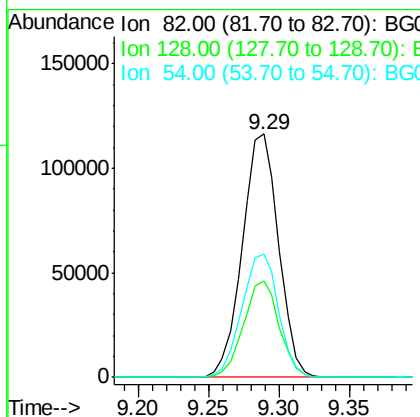
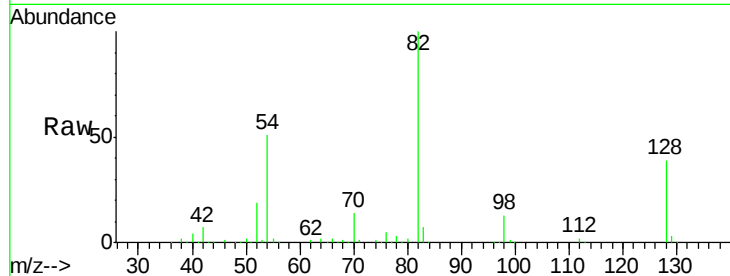




#23
 Nitrobenzene-d5
 Concen: 94.40 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019889.D
 Acq: 4 Dec 2015 3:08

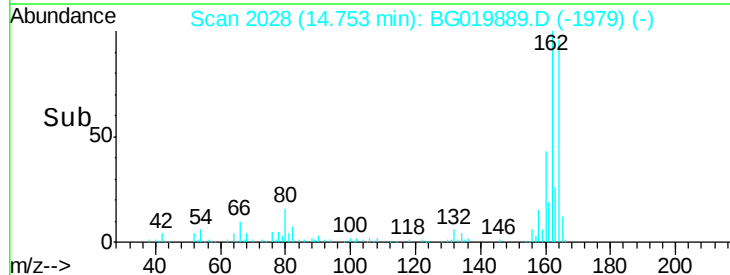
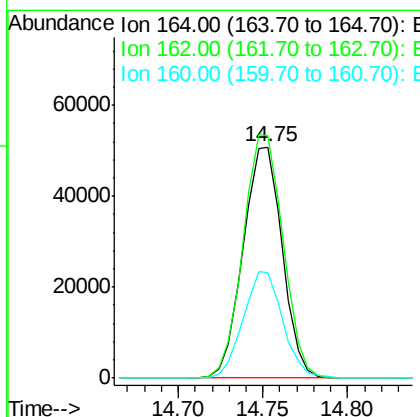
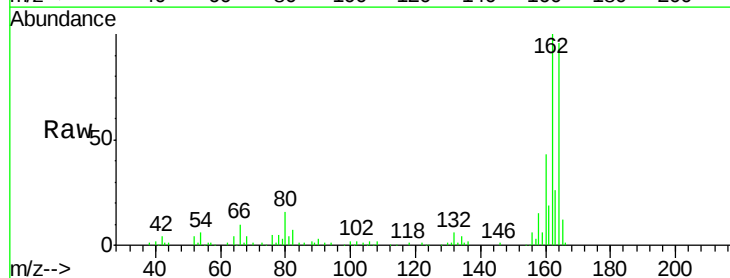
Instrument :
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 112715-A263-F-U-B

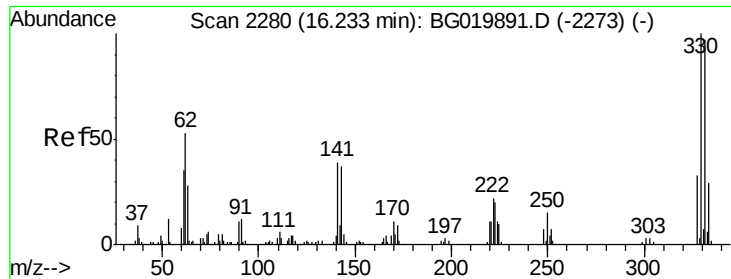
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	50.9	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019889.D
 Acq: 4 Dec 2015 3:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.3	36.4	54.6

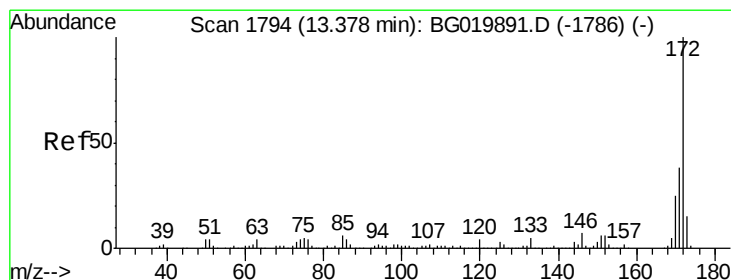
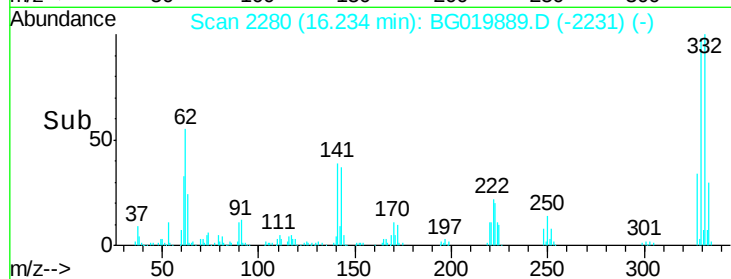
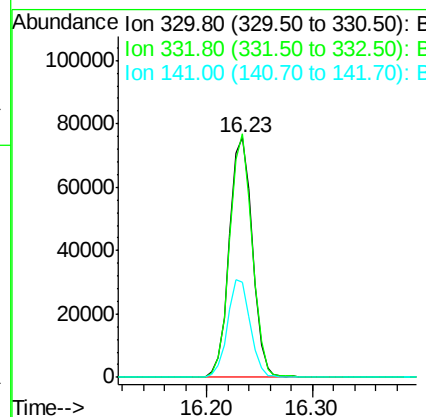
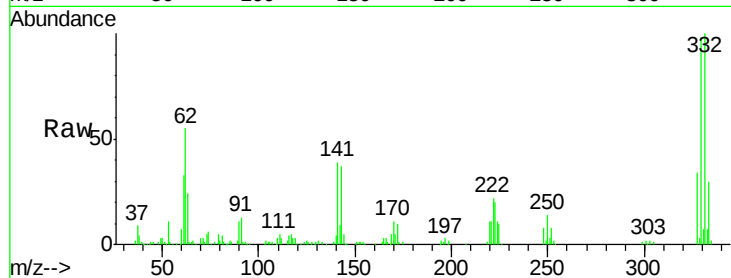




#41
 2,4,6-Tribromophenol
 Concen: 90.88 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019889.D
 Acq: 4 Dec 2015 3:08

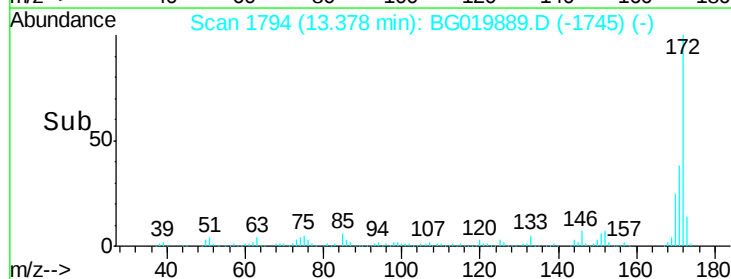
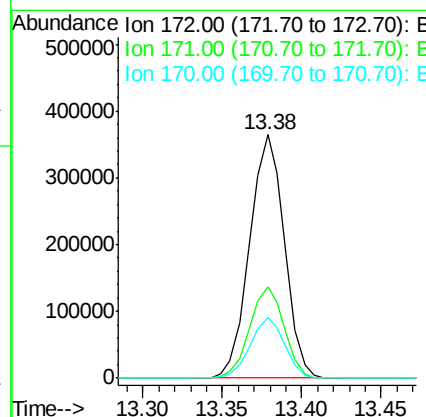
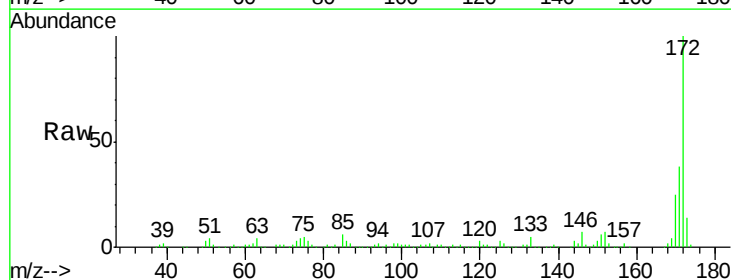
Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-B

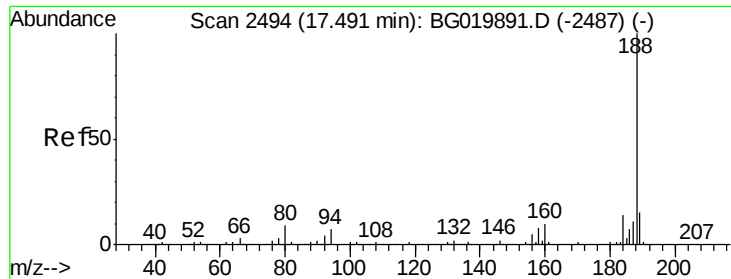
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.1	117.1
141	40.3	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 92.06 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019889.D
 Acq: 4 Dec 2015 3:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.8	19.9	29.9

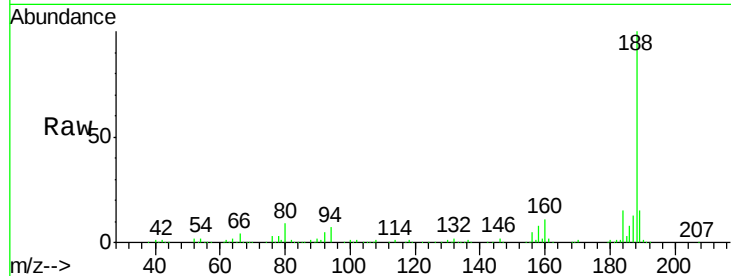




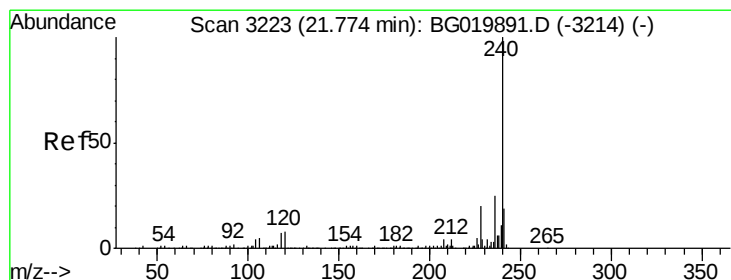
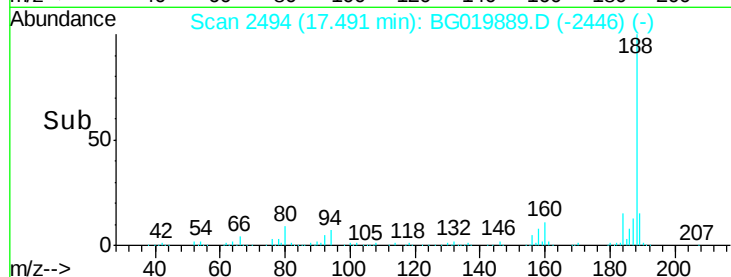
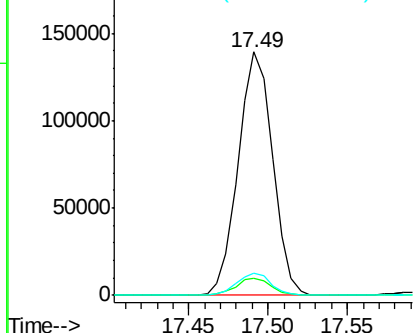
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019889.D
Acq: 4 Dec 2015 3:08

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

Tot Ion:188 Resp: 209589
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.9 7.8 11.8

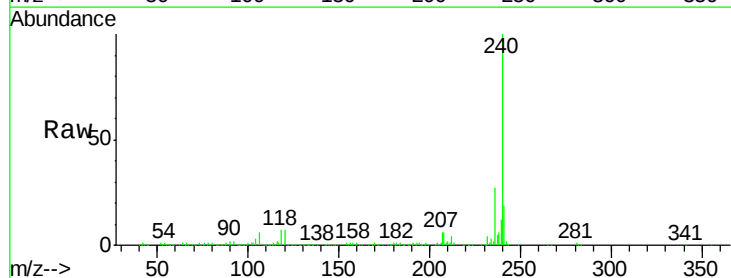


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

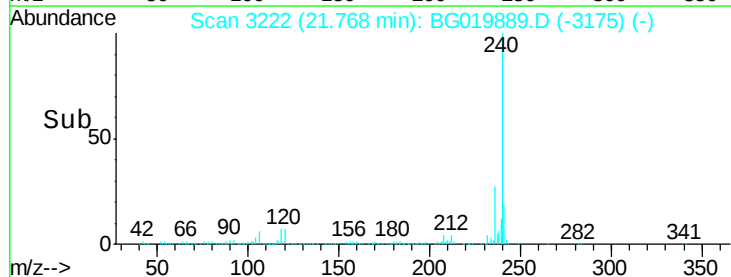
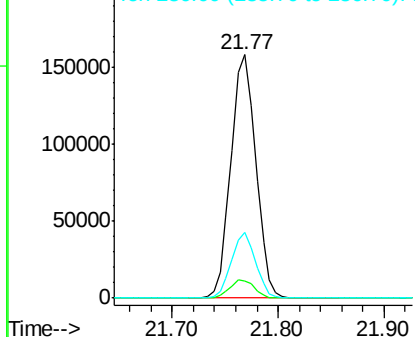


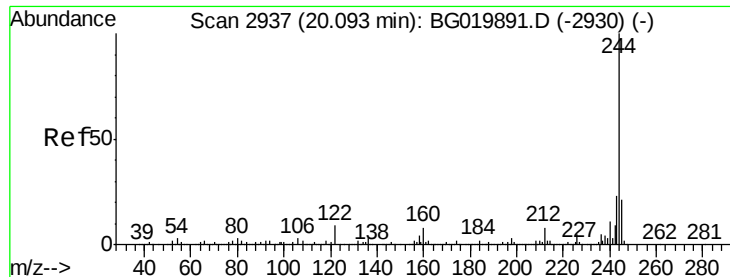
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019889.D
Acq: 4 Dec 2015 3:08

Tgt Ion:240 Resp: 257824
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 26.9 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: 89.68 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019889.D

Acq: 4 Dec 2015 3:08

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-B

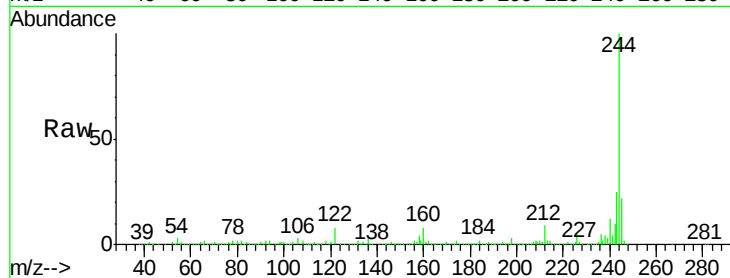
Tot Ion:244 Resp: 947954

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

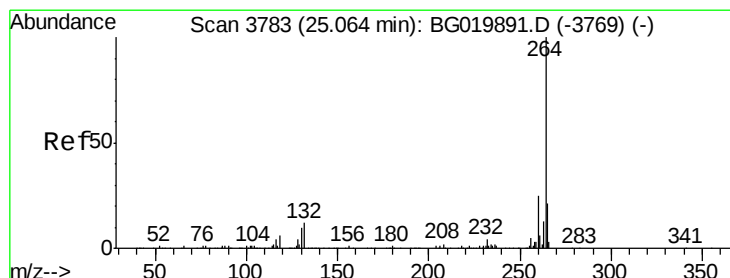
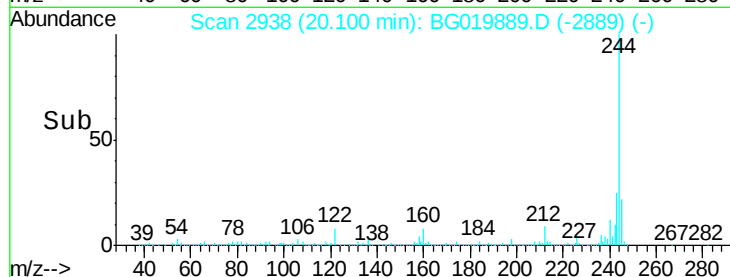
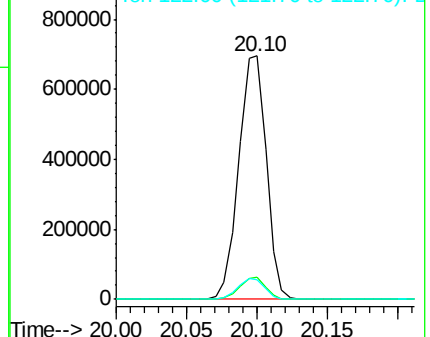
122 8.2 10.2 15.2#



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: 25.06 min Scan# 3782

Delta R.T. -0.04 min

Lab File: BG019889.D

Acq: 4 Dec 2015 3:08

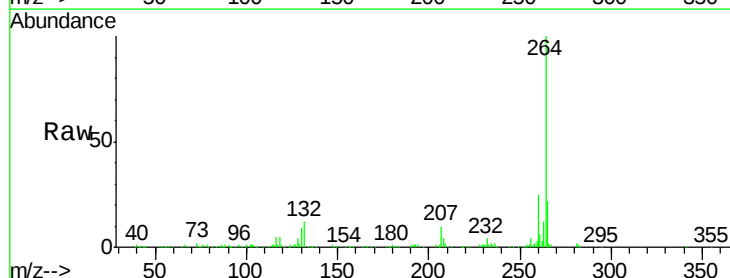
Tgt Ion:264 Resp: 242163

Ion Ratio Lower Upper

264 100

260 24.8 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

