

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019884.D
 Acq On : 3 Dec 2015 23:55
 Operator : UM/NP
 Sample : G4598-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112815-A263-F-U-S

Quant Time: Dec 04 02:54:12 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

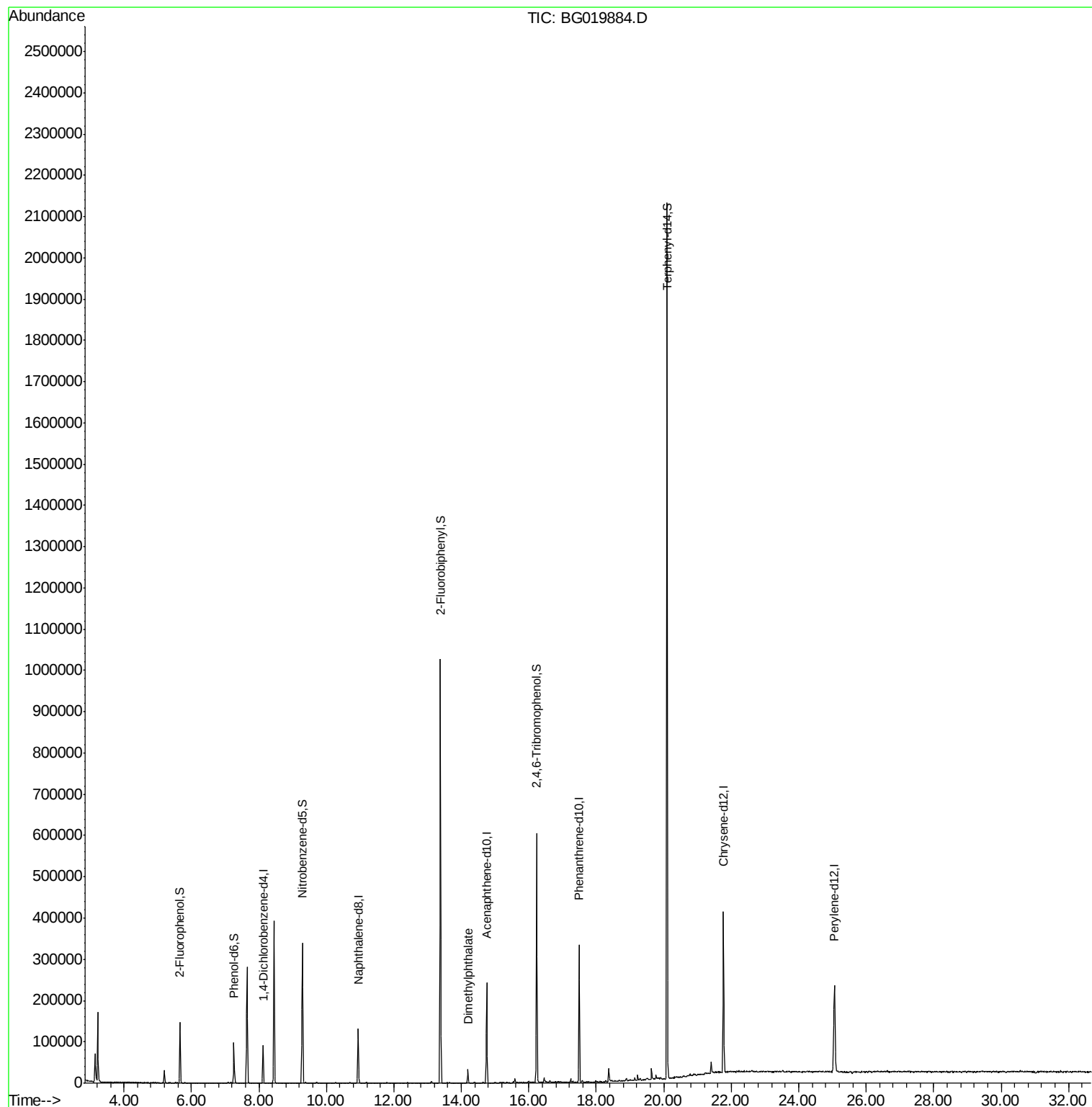
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24802	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	109943	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	80317	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	205090	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	252924	20.00	ng	-0.02
86) Perylene-d12	25.06	264	234778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	59415	43.30	ng	0.00
7) Phenol-d6	7.26	99	53774	25.95	ng	-0.01
23) Nitrobenzene-d5	9.29	82	202690	94.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	108838	88.56	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	525810	89.39	ng	0.00
78) Terphenyl-d14	20.10	244	914804	88.22	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	21963	3.04	ng	Qvalue 96

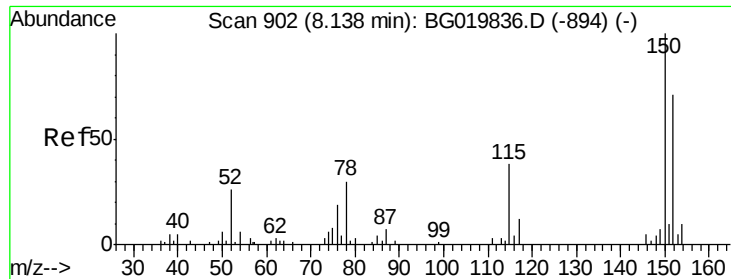
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG019884.D

Acq: 3 Dec 2015 23:55

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-U-S

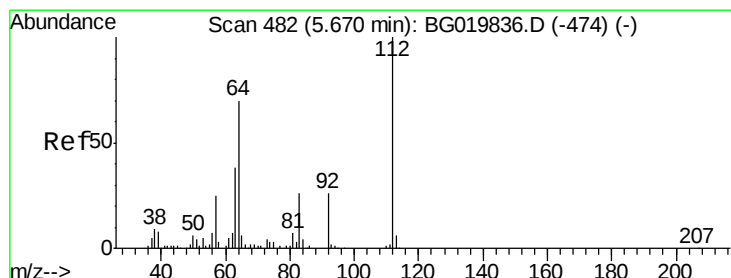
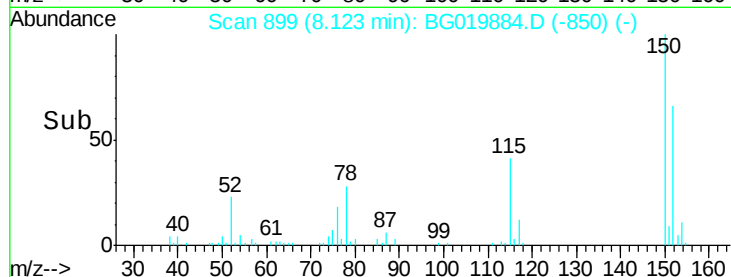
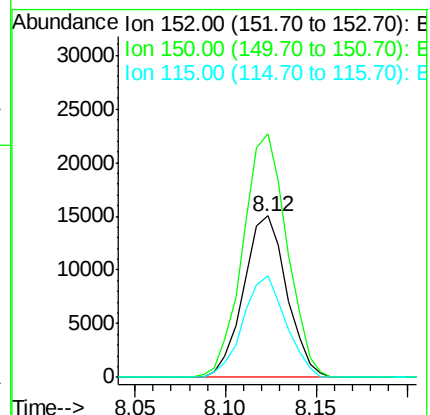
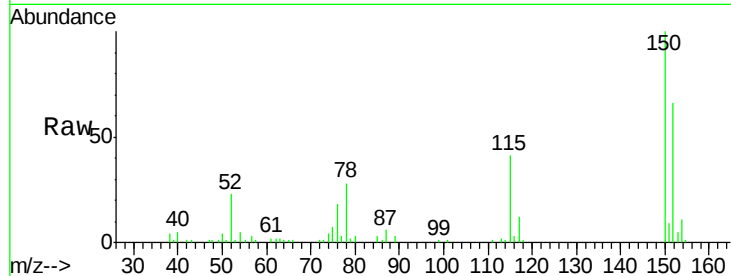
Tgt Ion:152 Resp: 24802

Ion Ratio Lower Upper

152 100

150 151.0 115.0 172.4

115 62.6 43.9 65.9



#5

2-Fluorophenol

Concen: 43.30 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019884.D

Acq: 3 Dec 2015 23:55

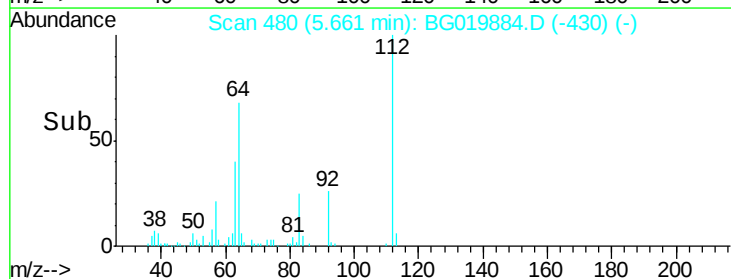
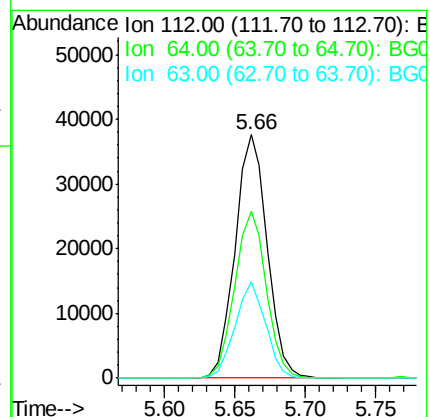
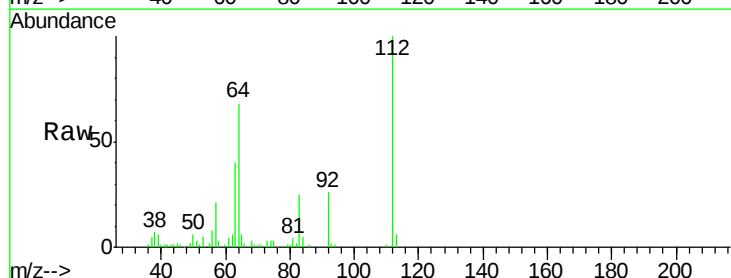
Tgt Ion:112 Resp: 59415

Ion Ratio Lower Upper

112 100

64 68.3 43.7 65.5#

63 39.5 24.0 36.0#





#7

Phenol-d6

Concen: 25.95 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019884.D

Acq: 3 Dec 2015 23:55

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-U-S

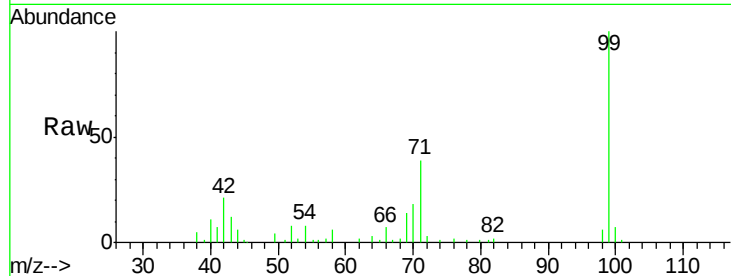
Tgt Ion: 99 Resp: 53774

Ion Ratio Lower Upper

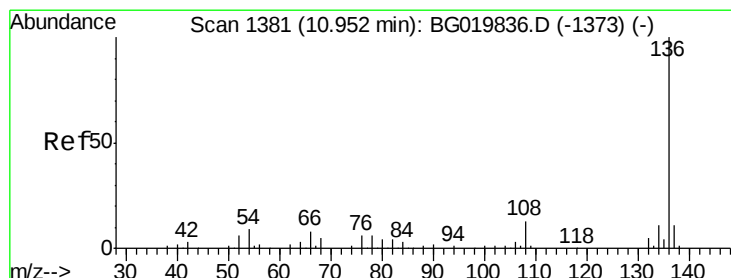
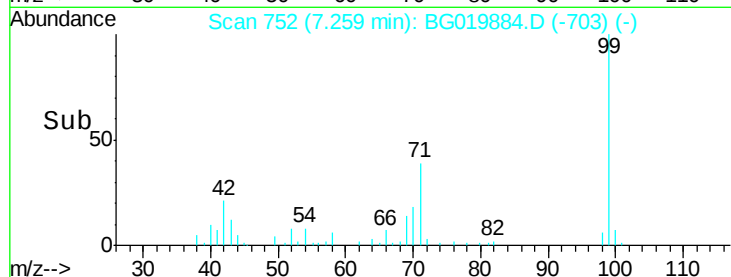
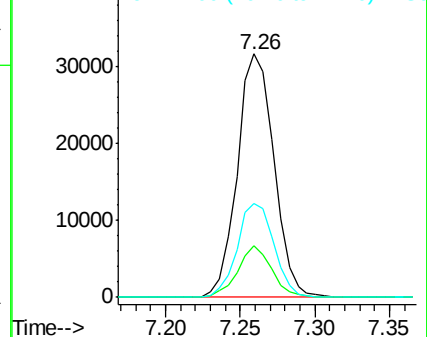
99 100

42 21.4 11.5 17.3#

71 38.7 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: BG019884.D

Acq: 3 Dec 2015 23:55

Tgt Ion: 136 Resp: 109943

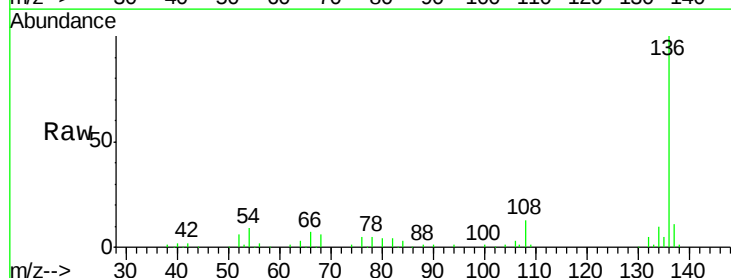
Ion Ratio Lower Upper

136 100

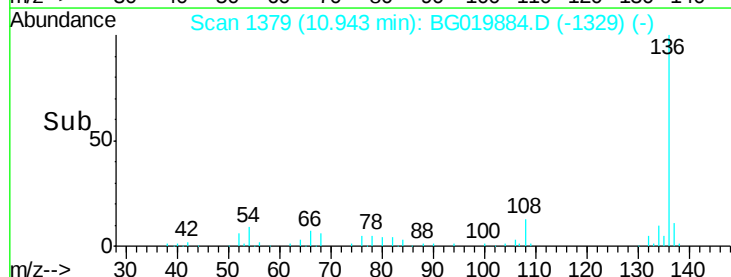
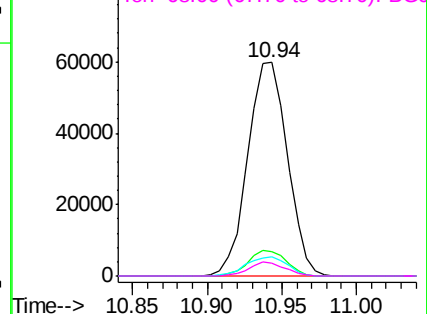
137 11.3 8.6 12.8

54 8.9 5.4 8.2#

68 5.8 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

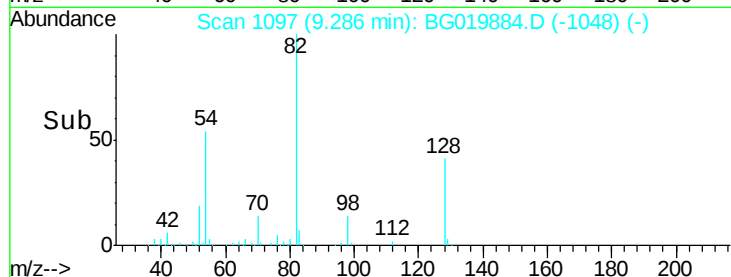
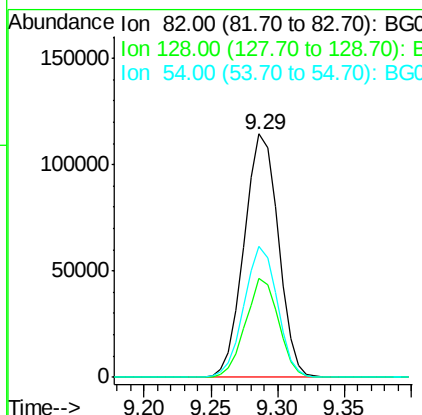
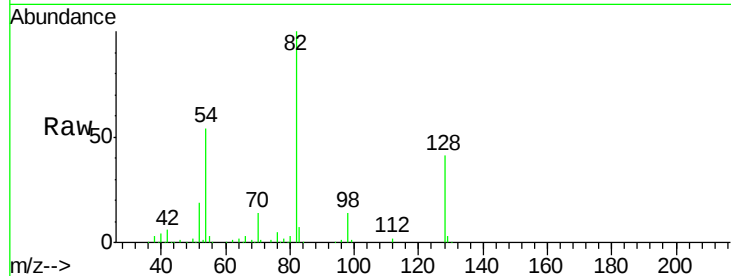




#23
Nitrobenzene-d5
Concen: 94.09 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG019884.D
Acq: 3 Dec 2015 23:55

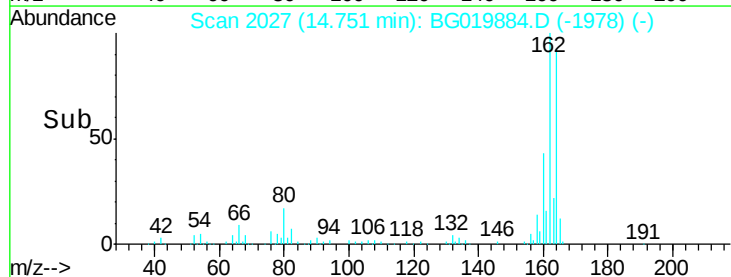
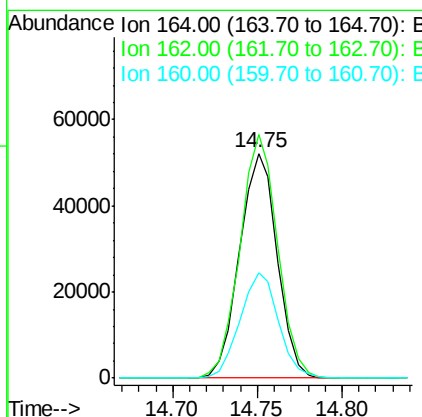
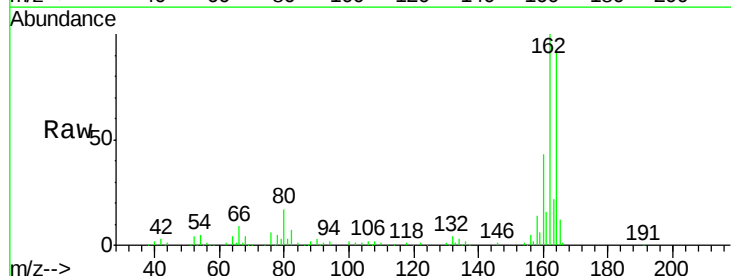
Instrument :
BNA_G
ClientSampleId :
112815-A263-F-U-S

Tgt Ion: 82 Resp: 202690
Ion Ratio Lower Upper
82 100
128 40.6 36.7 55.1
54 53.9 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG019884.D
Acq: 3 Dec 2015 23:55

Tgt Ion: 164 Resp: 80317
Ion Ratio Lower Upper
164 100
162 108.5 78.8 118.2
160 47.1 36.4 54.6

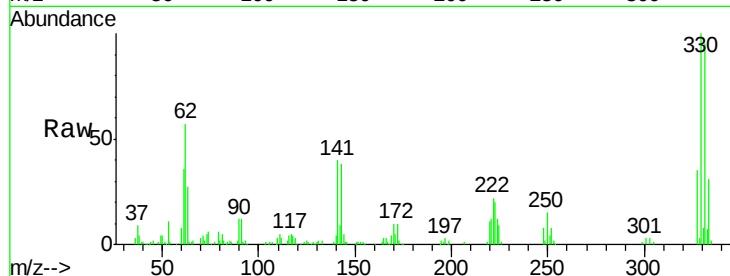




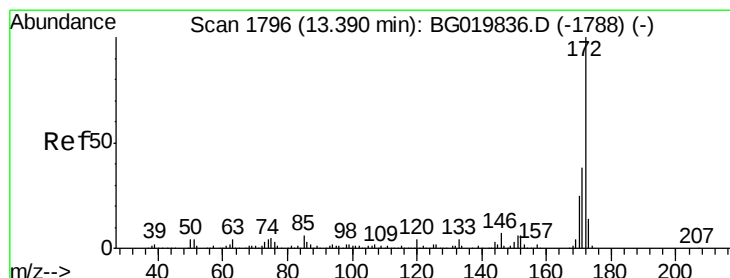
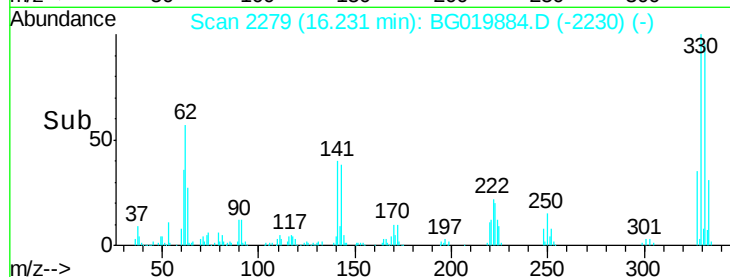
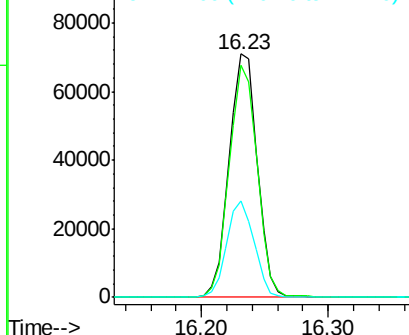
#41
 2,4,6-Tribromophenol
 Concen: 88.56 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019884.D
 Acq: 3 Dec 2015 23:55

Instrument :
 BNA_G
 ClientSampleId :
 112815-A263-F-U-S

Tgt Ion:330 Resp: 108838
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.1 117.1
 141 38.5 28.2 42.2

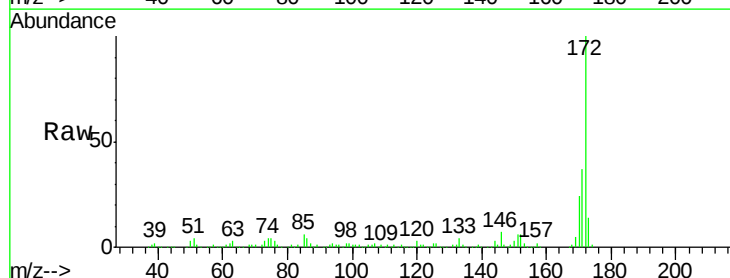


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

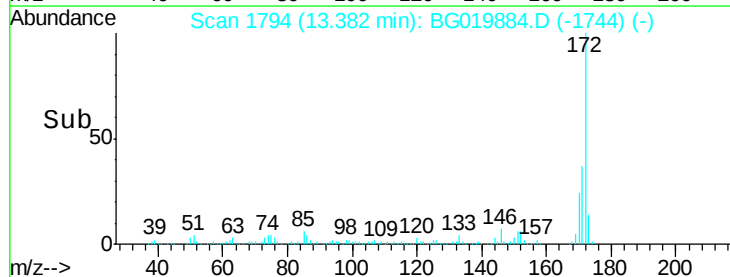
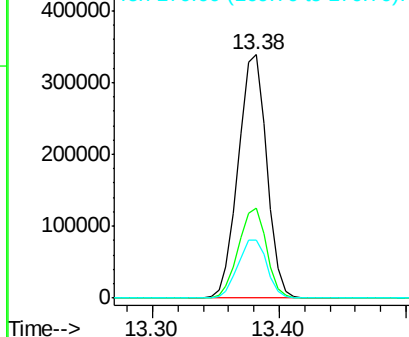


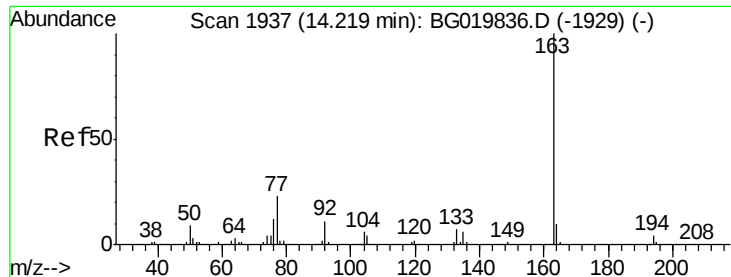
#44
 2-Fluorobiphenyl
 Concen: 89.39 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019884.D
 Acq: 3 Dec 2015 23:55

Tgt Ion:172 Resp: 525810
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.0 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





#49

Dimethylphthalate

Concen: 3.04 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019884.D

Acq: 3 Dec 2015 23:55

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-U-S

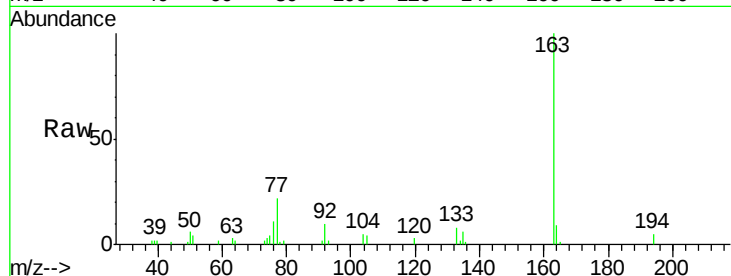
Tgt Ion:163 Resp: 21963

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

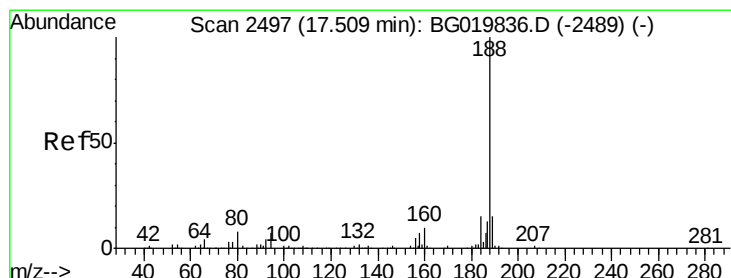
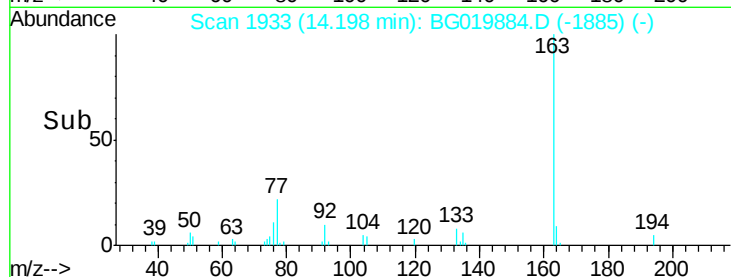
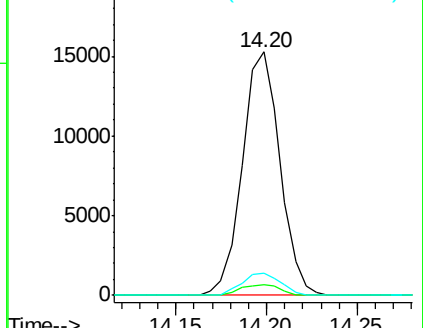
164 9.1 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG019884.D

Acq: 3 Dec 2015 23:55

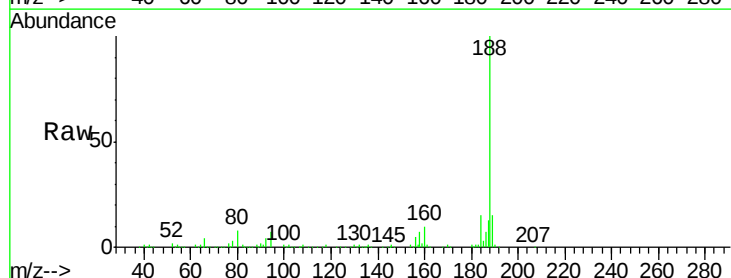
Tgt Ion:188 Resp: 205090

Ion Ratio Lower Upper

188 100

94 7.2 7.7 11.5#

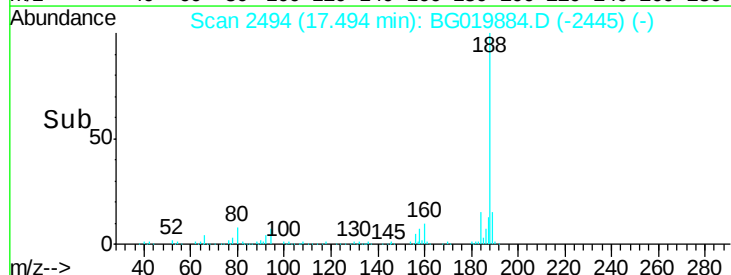
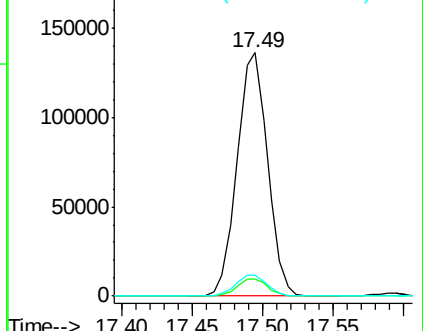
80 8.4 7.8 11.8

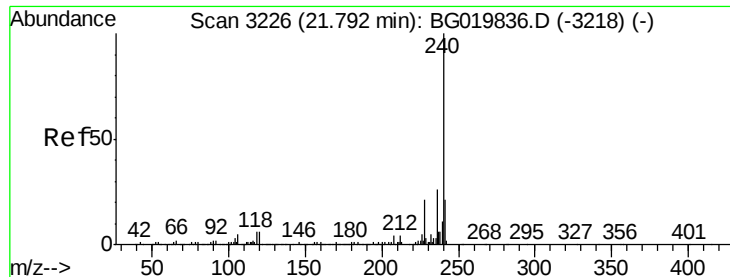


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

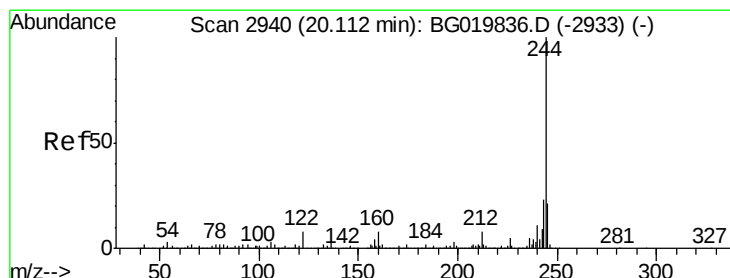
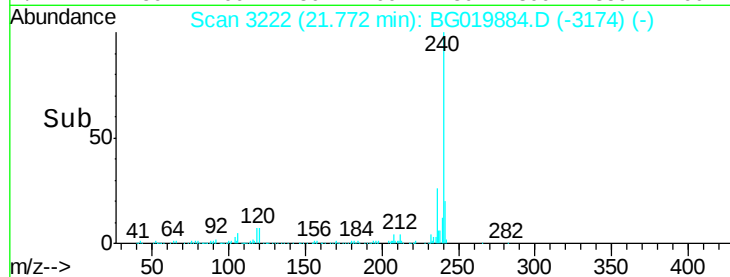
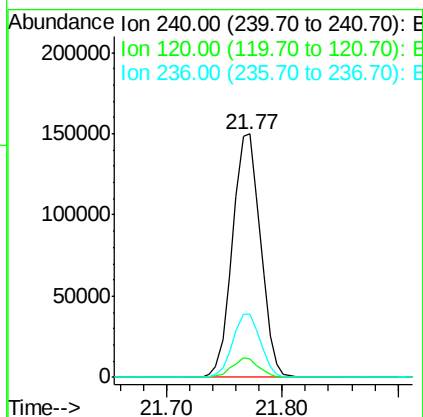
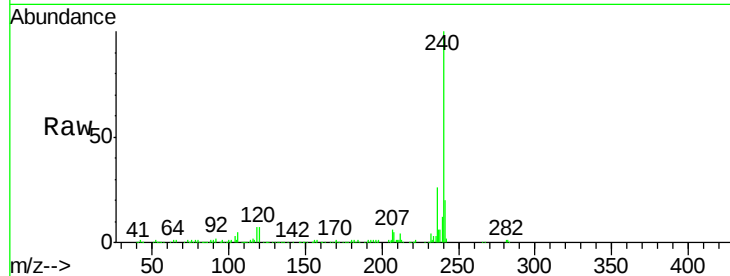




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019884.D
Acq: 3 Dec 2015 23:55

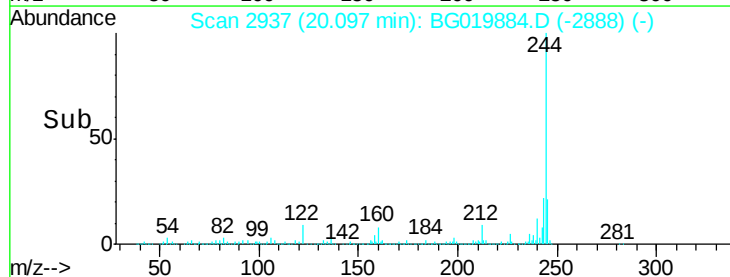
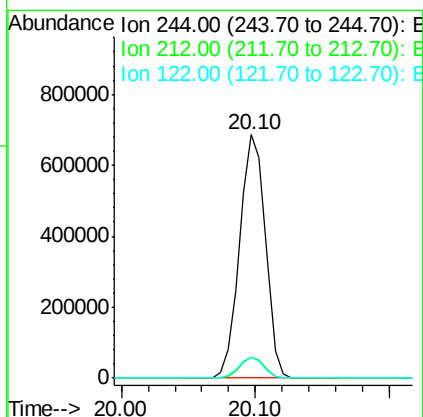
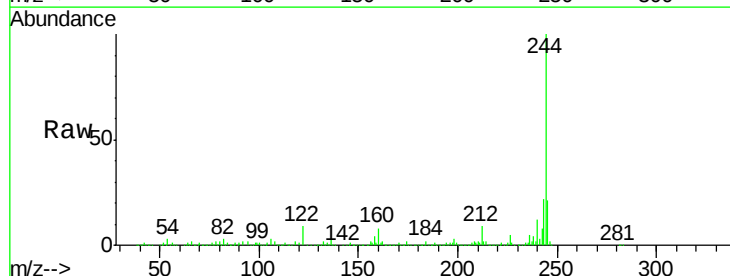
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0
236	25.9	20.7	31.1



#78
Terphenyl-d14
Concen: 88.22 ng
RT: 20.10 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG019884.D
Acq: 3 Dec 2015 23:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	8.7	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.04 min
Lab File: BG019884.D
Acq: 3 Dec 2015 23:55

Instrument :
BNA_G
ClientSampleId :
112815-A263-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.5	27.7
265	22.1	17.2	25.8

