

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019882.D
 Acq On : 3 Dec 2015 22:37
 Operator : UM/NP
 Sample : G4598-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 04 02:53:36 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

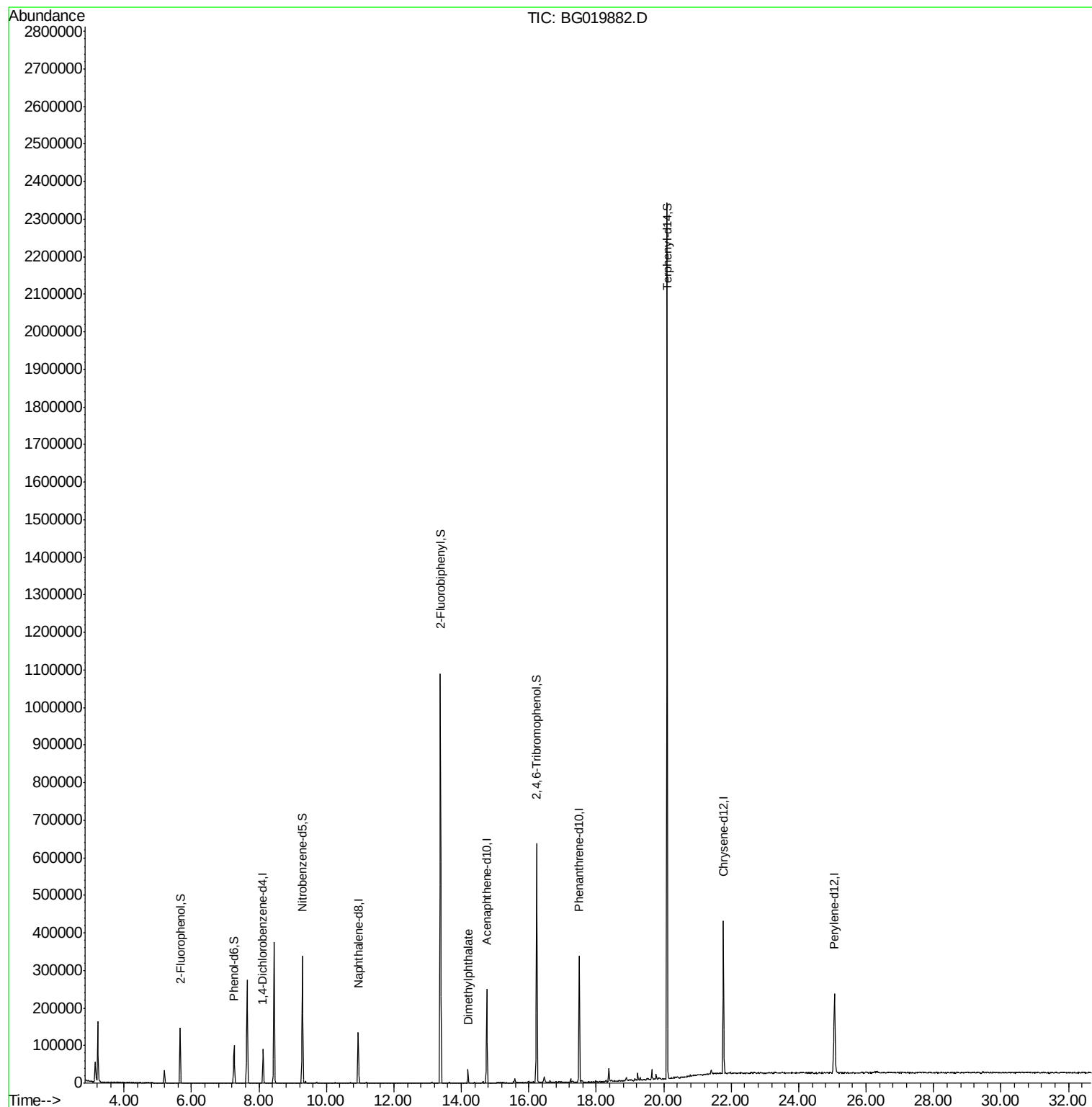
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	24628	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	109872	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	82230	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	208467	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	248963	20.00	ng	-0.02
86) Perylene-d12	25.07	264	232517	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	58988	43.29	ng	0.00
7) Phenol-d6	7.26	99	55408	26.93	ng	-0.01
23) Nitrobenzene-d5	9.29	82	205358	95.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	112633	89.52	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	537758	89.29	ng	-0.01
78) Terphenyl-d14	20.10	244	952825	93.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	22605	3.06	ng	Qvalue # 97

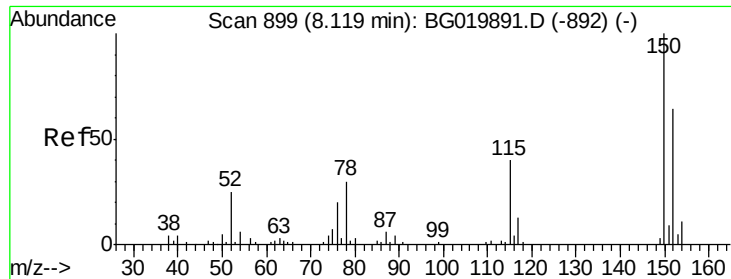
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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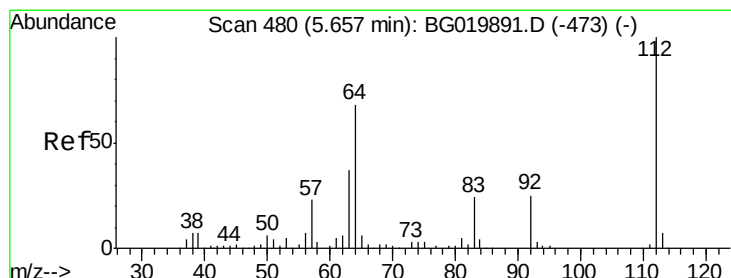
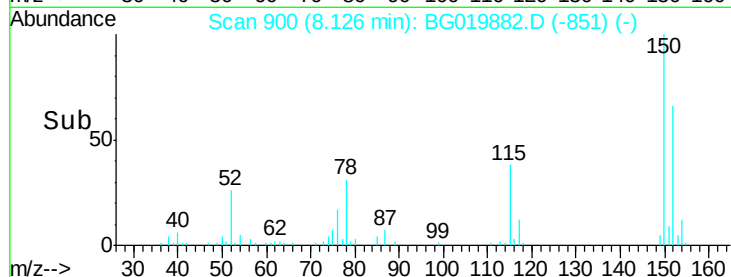
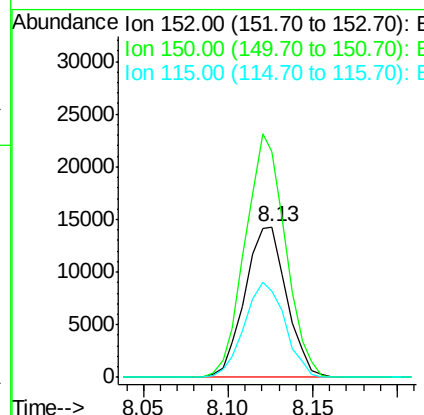
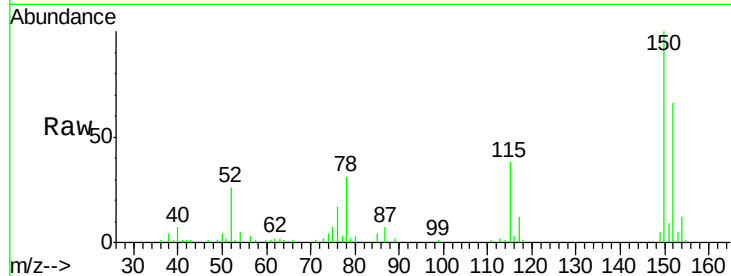


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019882.D
Acq: 3 Dec 2015 22:37

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

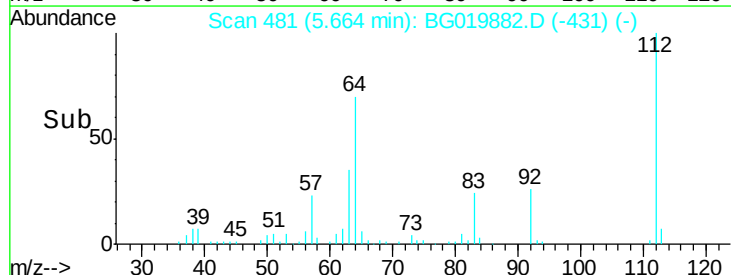
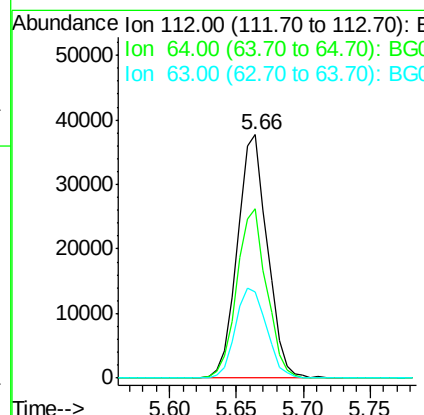
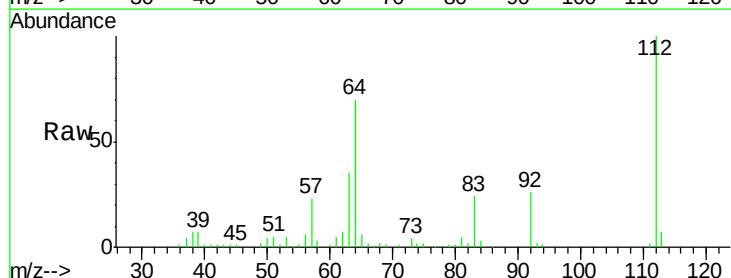
Tot Ion:152 Resp: 24628
Ion Ratio Lower Upper
152 100
150 150.5 115.0 172.4
115 57.1 43.9 65.9

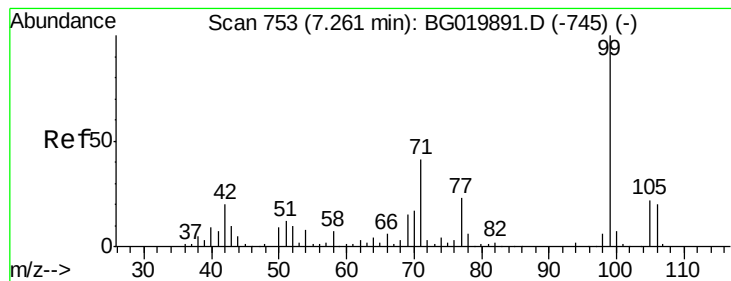


#5

2-Fluorophenol
Concen: 43.29 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG019882.D
Acq: 3 Dec 2015 22:37

Tgt Ion:112 Resp: 58988
Ion Ratio Lower Upper
112 100
64 69.5 43.7 65.5#
63 35.2 24.0 36.0





#7

Phenol-d6

Concen: 26.93 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019882.D

Acq: 3 Dec 2015 22:37

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-S

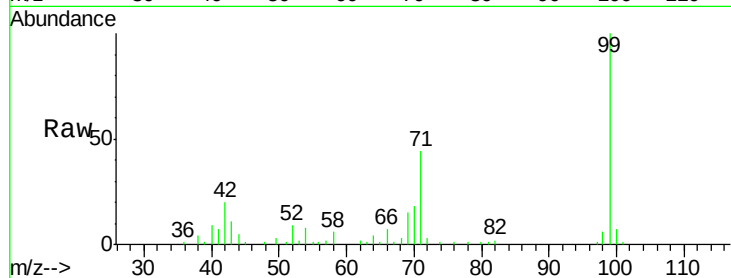
Tot Ion: 99 Resp: 55408

Ion Ratio Lower Upper

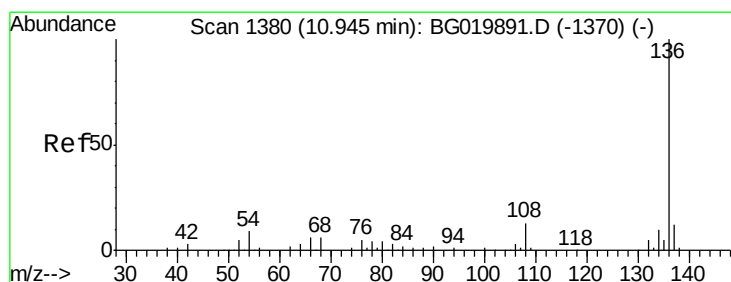
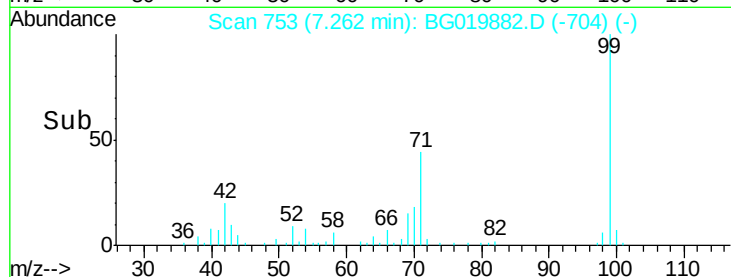
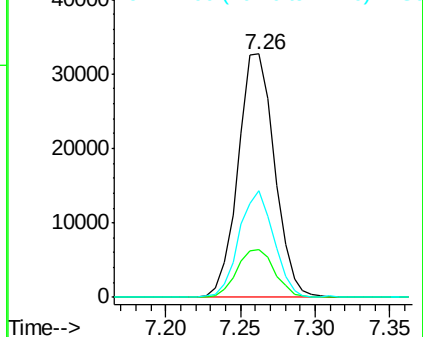
99 100

42 19.6 11.5 17.3#

71 43.6 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: BG019882.D

Acq: 3 Dec 2015 22:37

Tgt Ion: 136 Resp: 109872

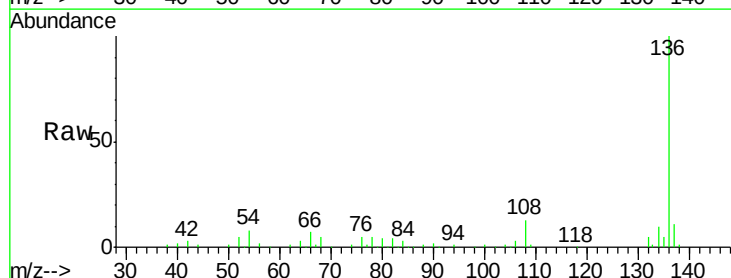
Ion Ratio Lower Upper

136 100

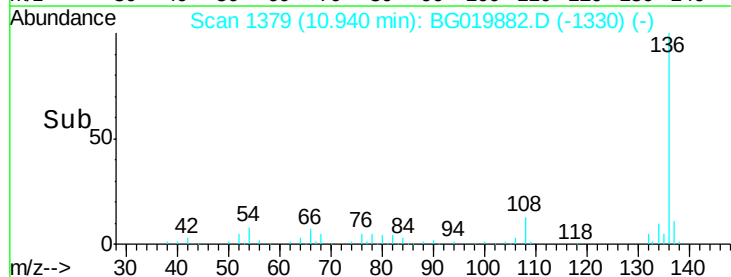
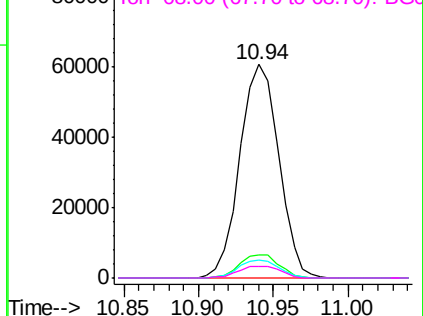
137 10.8 8.6 12.8

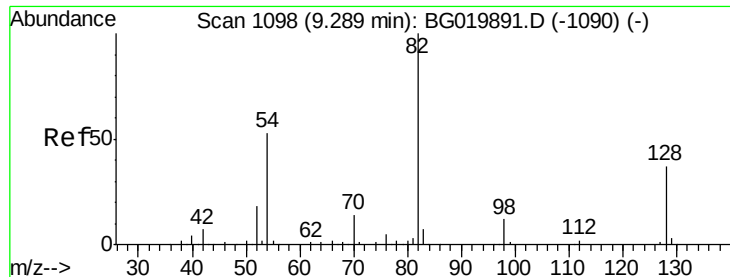
54 8.3 5.4 8.2#

68 5.3 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

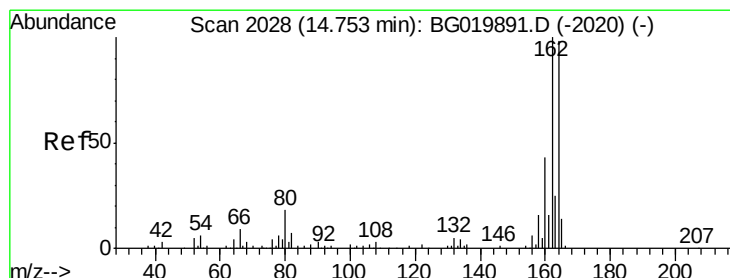
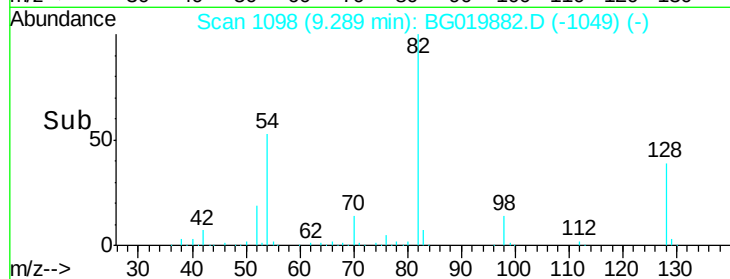
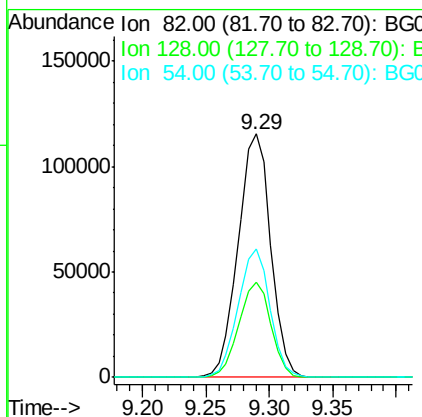
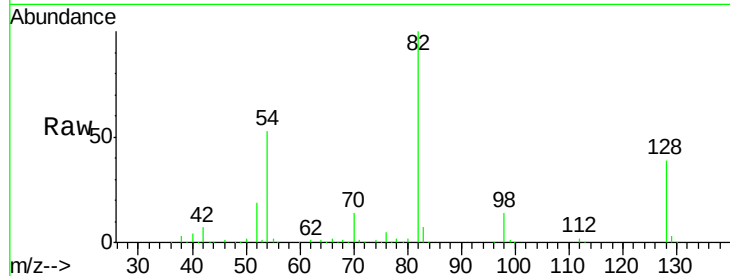




#23
 Nitrobenzene-d5
 Concen: 95.39 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

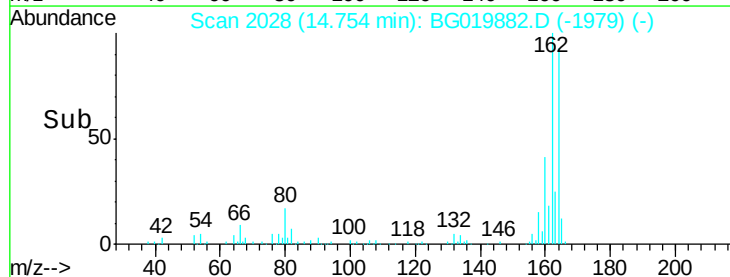
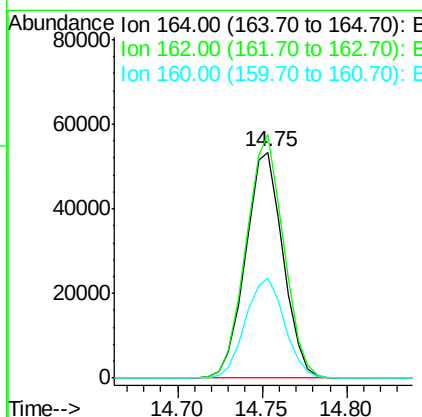
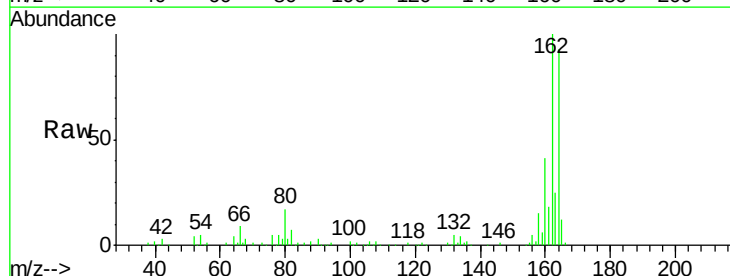
Instrument :
 BNA_G
 ClientSampleId :
 112815-A263-F-D-S

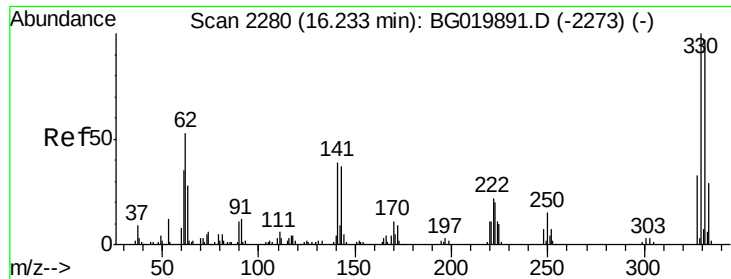
Tot Ion	82	Resp	205358
Ion Ratio	Lower	Upper	
82	100		
128	38.9	36.7	55.1
54	52.6	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

Tgt Ion	164	Resp	82230
Ion Ratio	Lower	Upper	
164	100		
162	107.7	78.8	118.2
160	44.1	36.4	54.6

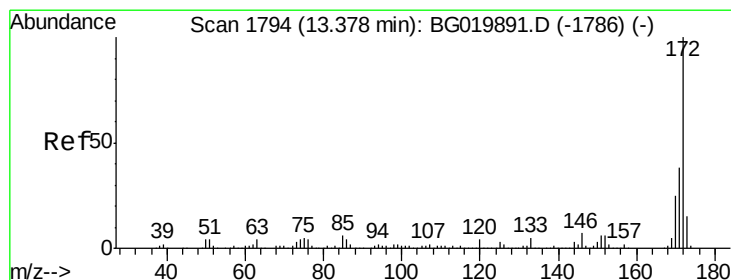
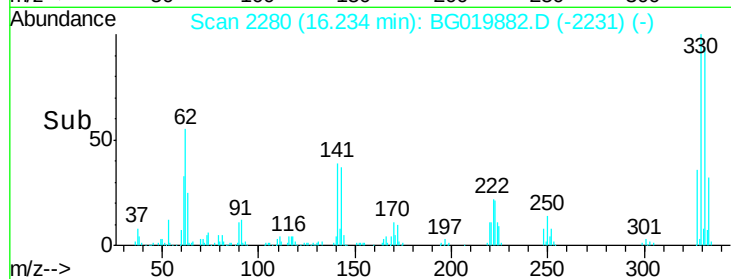
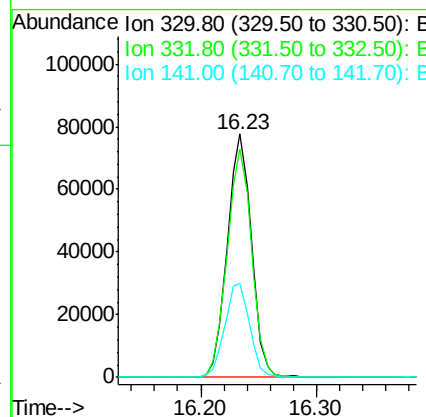
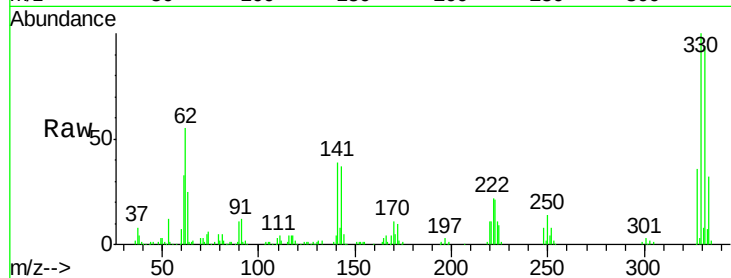




#41
 2,4,6-Tribromophenol
 Concen: 89.52 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

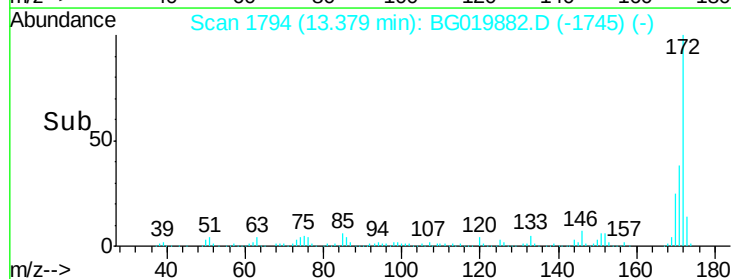
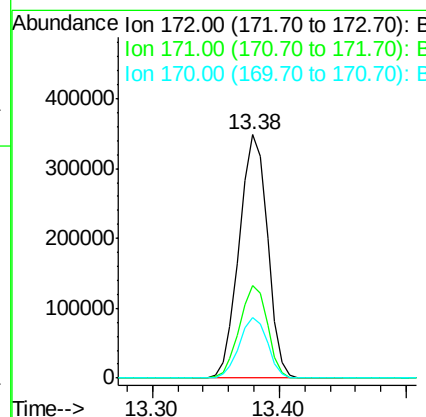
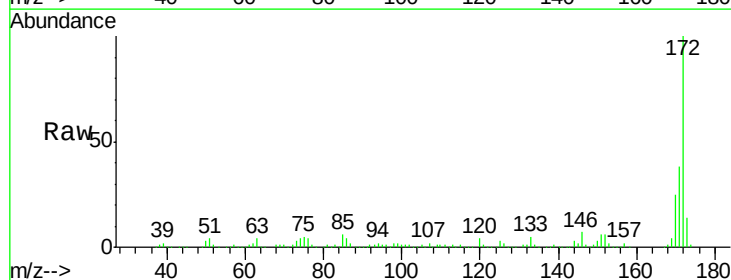
Instrument :
 BNA_G
 ClientSampleId :
 112815-A263-F-D-S

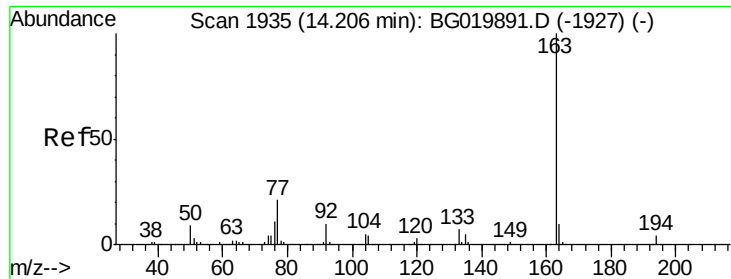
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	39.6	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.6
170	25.0	19.9	29.9





#49

Dimethylphthalate

Concen: 3.06 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG019882.D

Acq: 3 Dec 2015 22:37

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-S

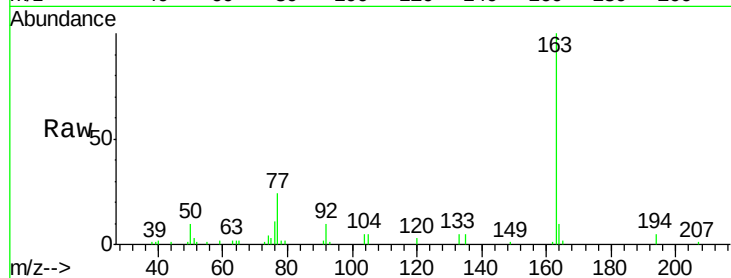
Tot Ion:163 Resp: 22605

Ion Ratio Lower Upper

163 100

194 5.2 3.1 4.7#

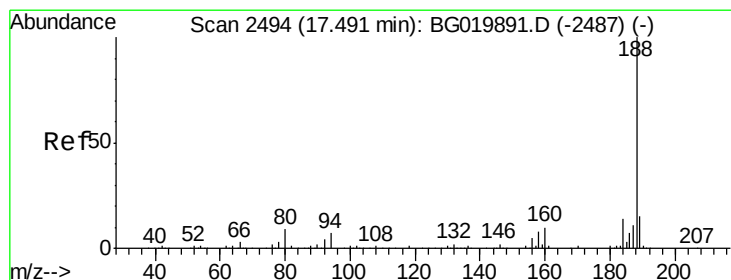
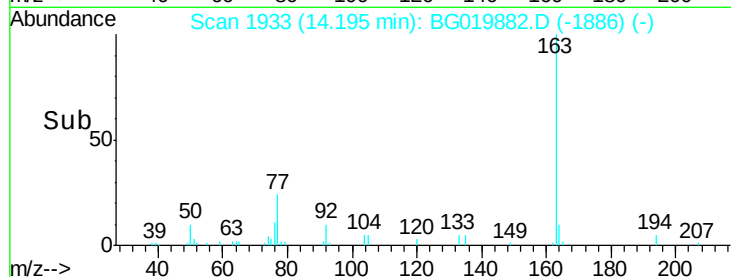
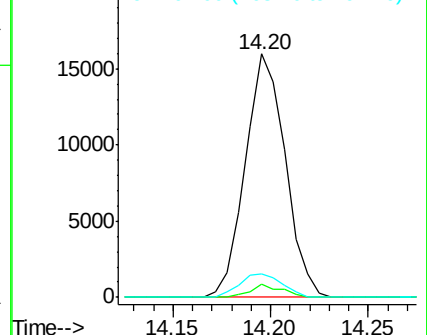
164 9.7 8.8 13.2



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. -0.02 min

Lab File: BG019882.D

Acq: 3 Dec 2015 22:37

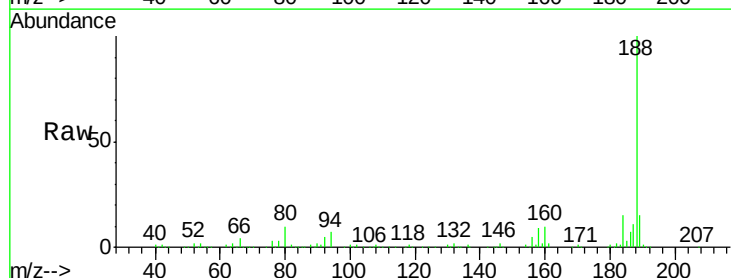
Tgt Ion:188 Resp: 208467

Ion Ratio Lower Upper

188 100

94 7.3 7.7 11.5#

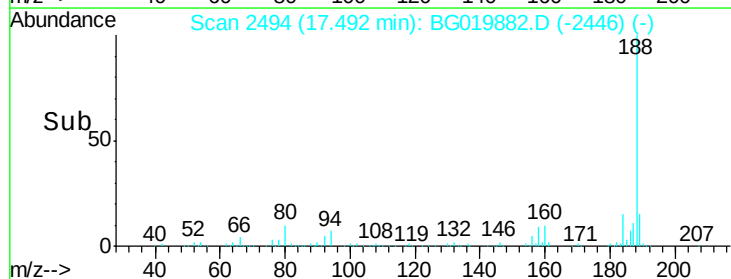
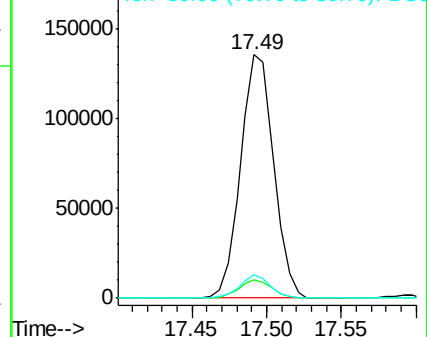
80 9.6 7.8 11.8

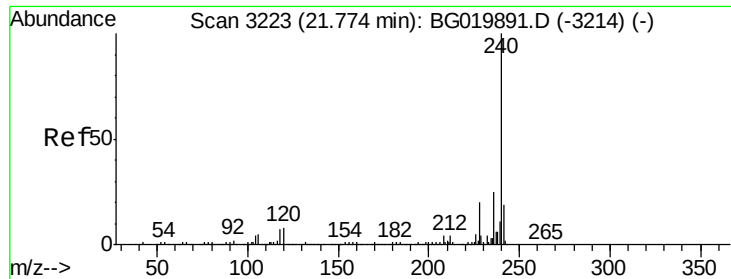


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

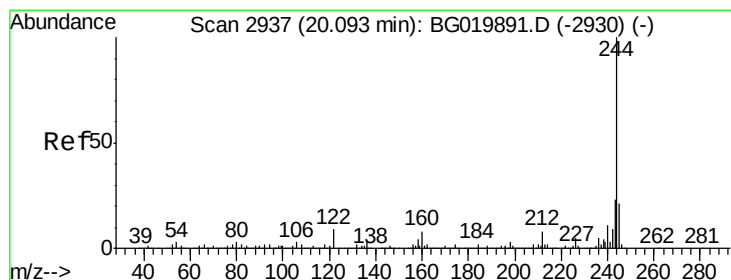
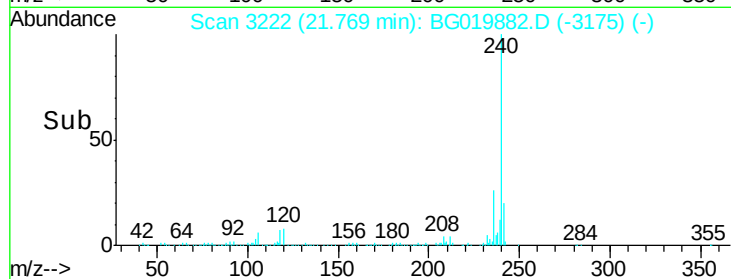
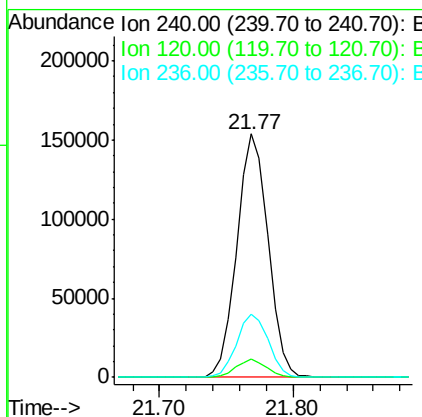
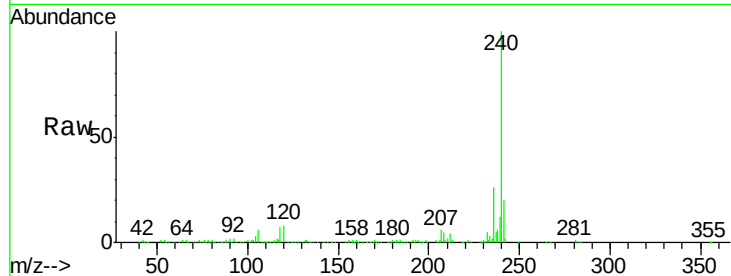




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

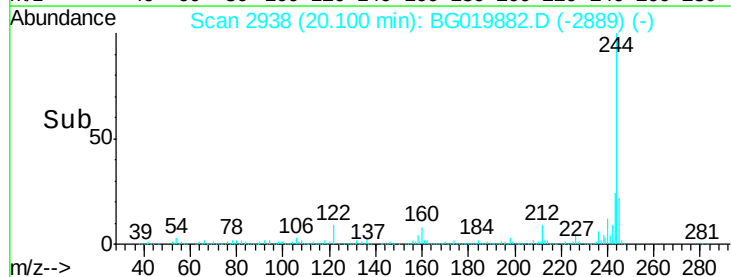
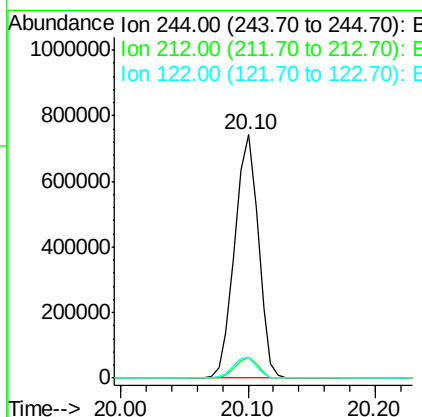
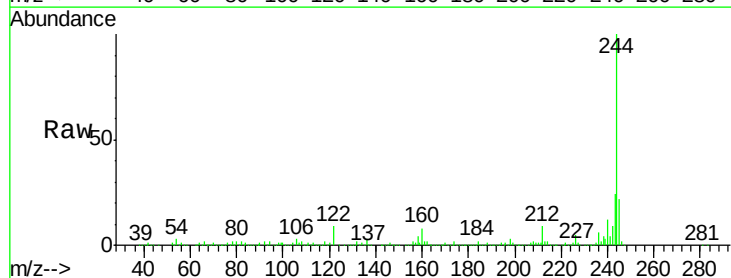
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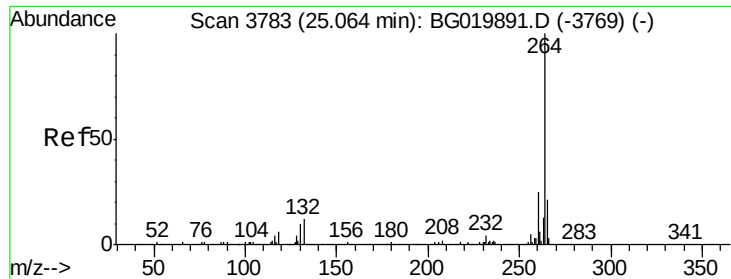
Tot Ion:240 Resp: 248963
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.4 11.0
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 93.35 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG019882.D
 Acq: 3 Dec 2015 22:37

Tgt Ion:244 Resp: 952825
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 8.7 10.2 15.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. -0.03 min
Lab File: BG019882.D
Acq: 3 Dec 2015 22:37

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	20.6	17.2	25.8

