

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019898.D
 Acq On : 4 Dec 2015 8:55
 Operator : UM/NP
 Sample : G4609-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5-14.5-15.0-113015

Quant Time: Dec 04 10:45:59 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

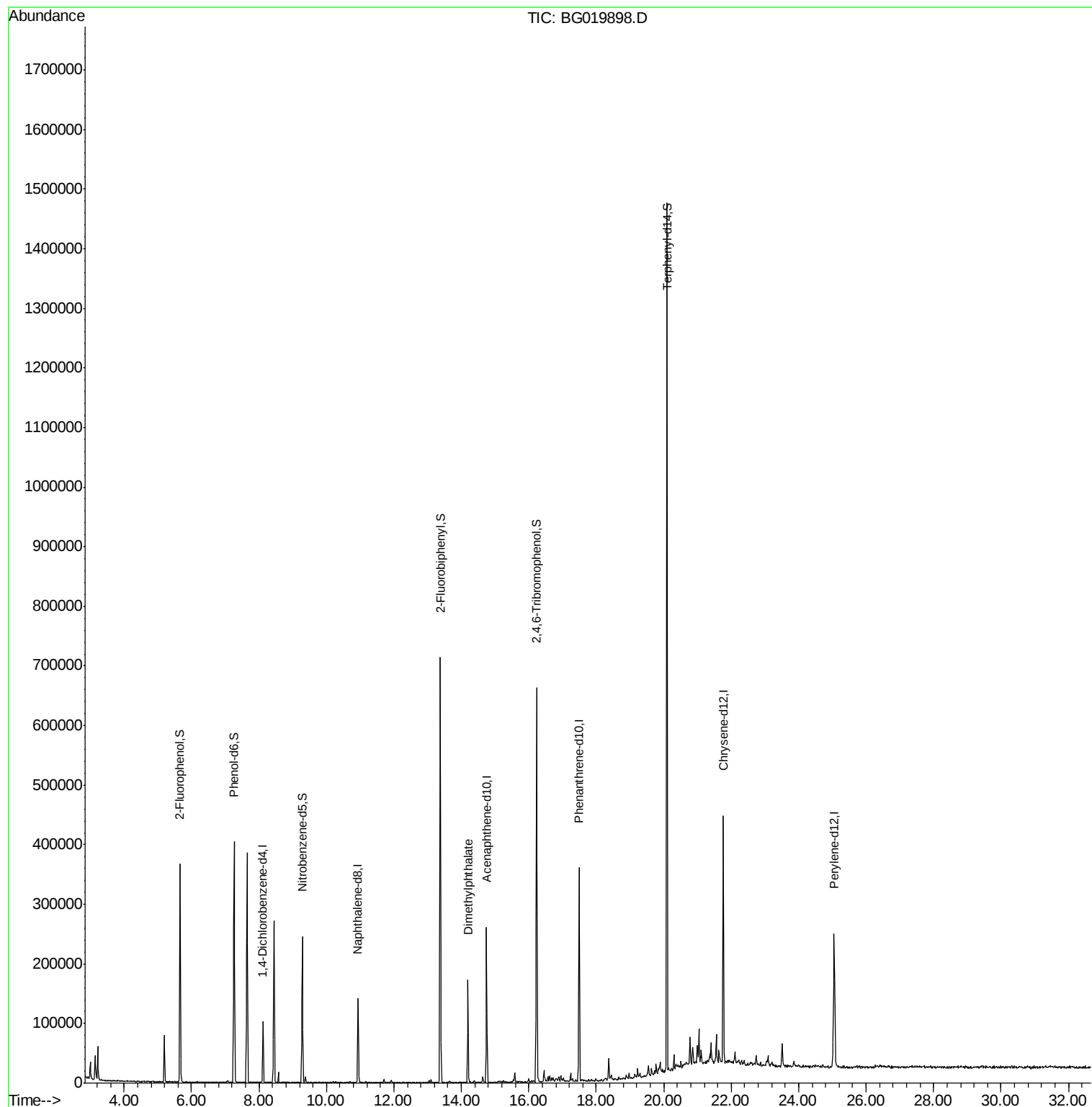
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26708	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	117190	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	86759	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	220730	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	258119	20.00	ng	-0.03
86) Perylene-d12	25.05	264	245198	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	148158	100.26	ng	-0.01
7) Phenol-d6	7.26	99	222108	99.55	ng	-0.01
23) Nitrobenzene-d5	9.28	82	148946	64.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	119045	89.68	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	371286	58.43	ng	-0.02
78) Terphenyl-d14	20.09	244	644700	60.92	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.20	163	107792	13.81	ng	Qvalue # 98

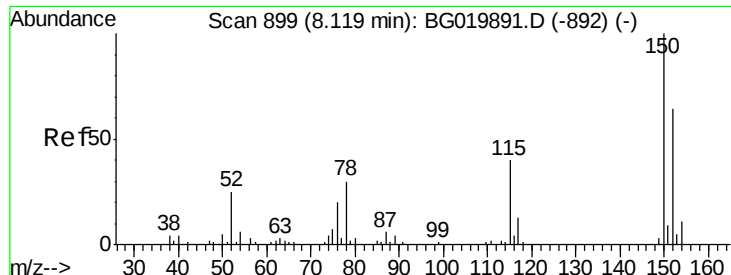
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019898.D

Acq: 4 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-5-14.5-15.0-113015

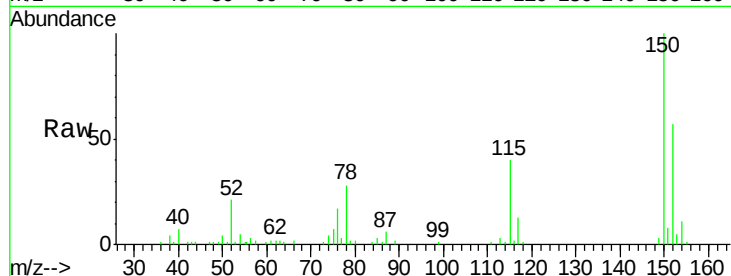
Tot Ion:152 Resp: 26708

Ion Ratio Lower Upper

152 100

150 176.1 115.0 172.4#

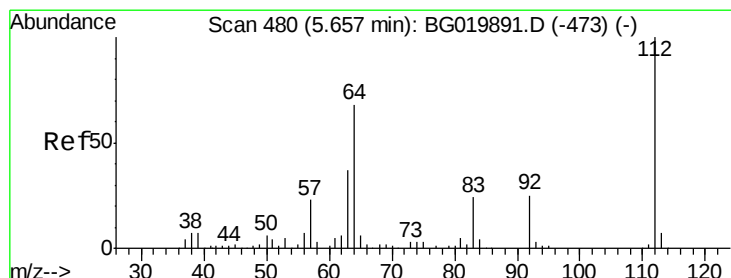
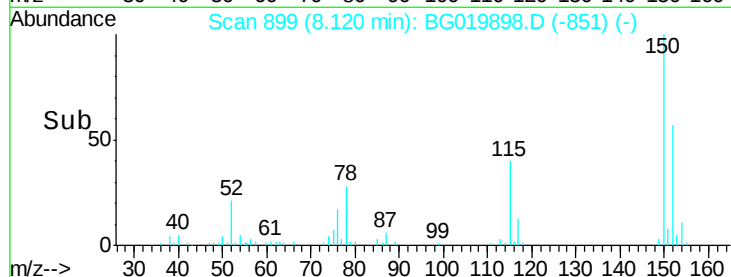
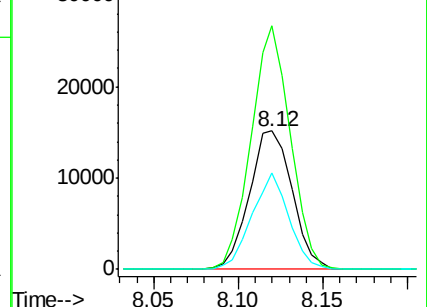
115 69.6 43.9 65.9#



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: 100.26 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019898.D

Acq: 4 Dec 2015 8:55

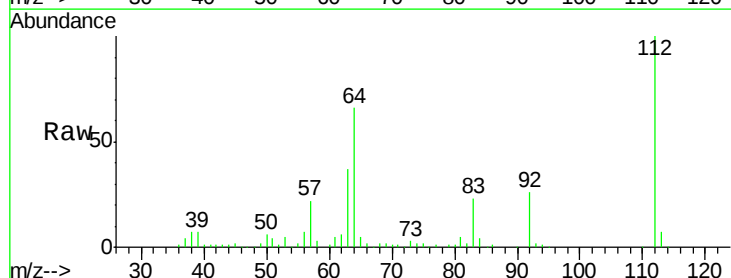
Tgt Ion:112 Resp: 148158

Ion Ratio Lower Upper

112 100

64 65.7 43.7 65.5#

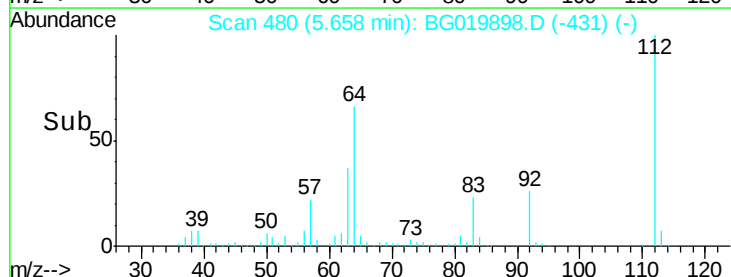
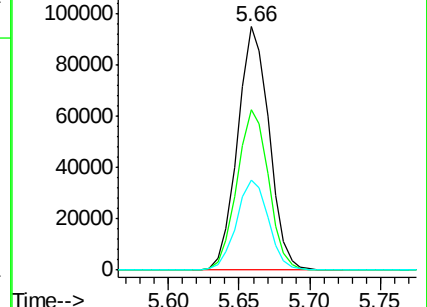
63 37.0 24.0 36.0#

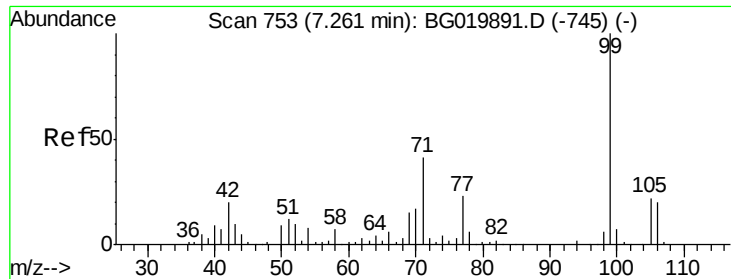


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.55 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019898.D

Acq: 4 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-5-14.5-15.0-113015

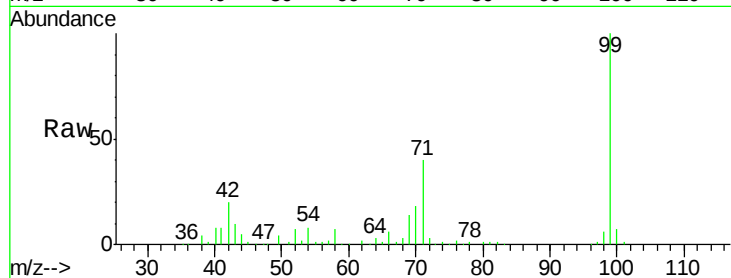
Tot Ion: 99 Resp: 222108

Ion Ratio Lower Upper

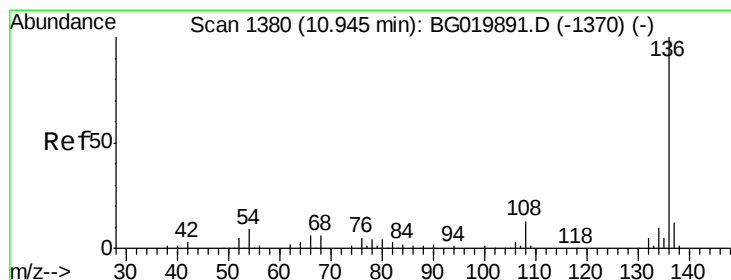
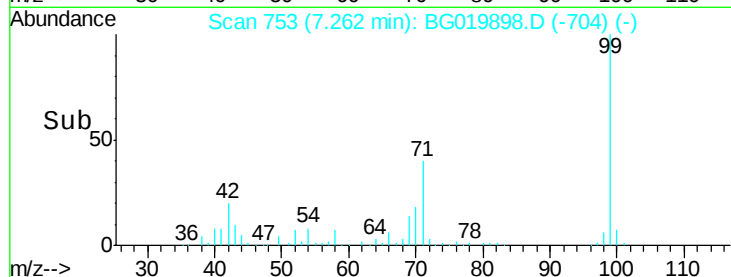
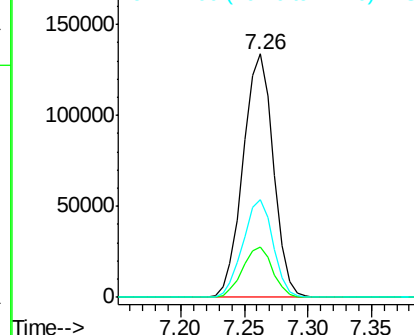
99 100

42 20.4 11.5 17.3#

71 40.1 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# 1378

Delta R.T. -0.02 min

Lab File: BG019898.D

Acq: 4 Dec 2015 8:55

Tgt Ion: 136 Resp: 117190

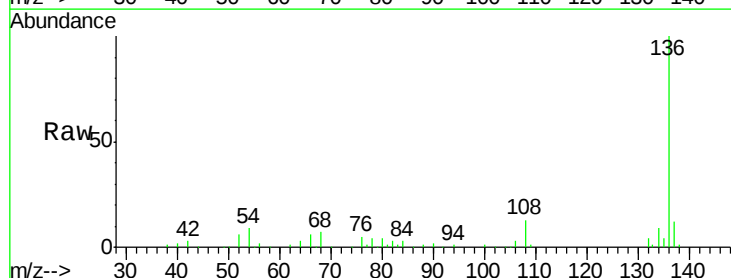
Ion Ratio Lower Upper

136 100

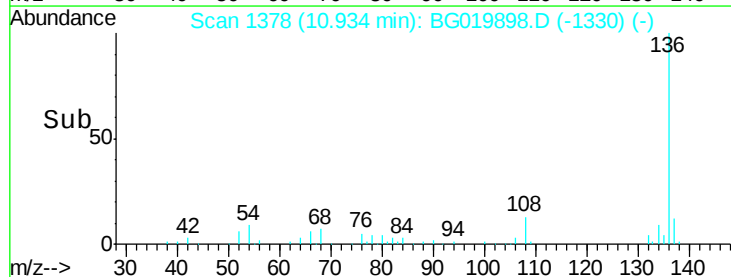
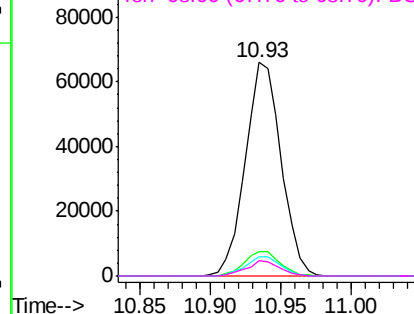
137 11.6 8.6 12.8

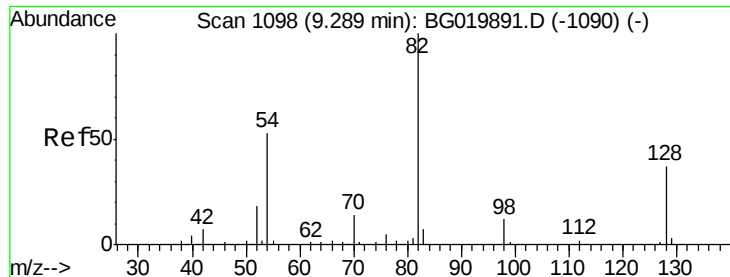
54 8.9 5.4 8.2#

68 6.9 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

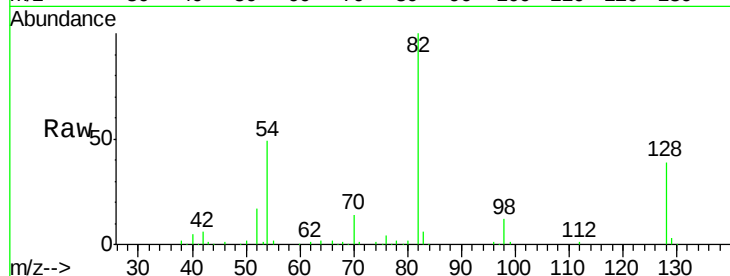




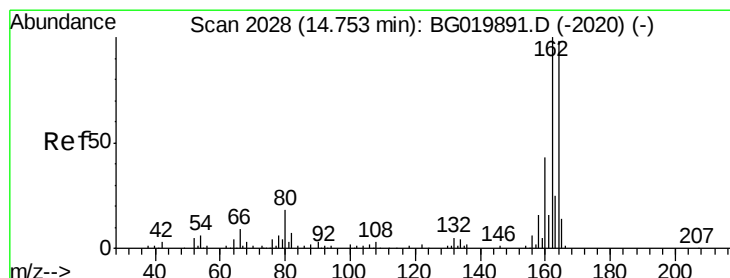
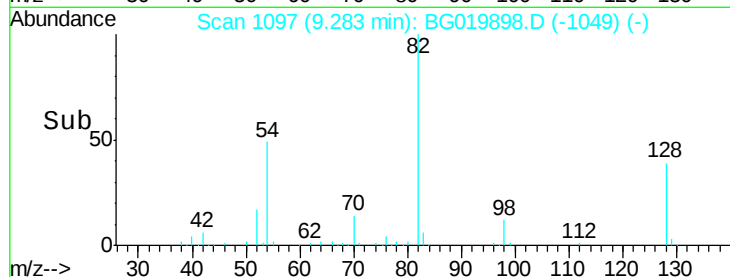
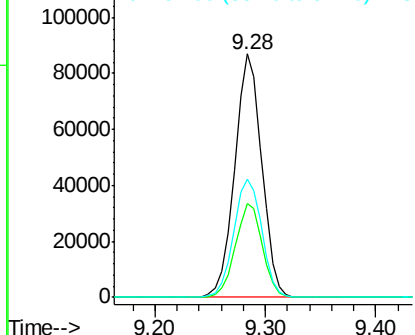
#23
Nitrobenzene-d5
Concen: 64.87 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019898.D
Acq: 4 Dec 2015 8:55

Instrument :
BNA_G
ClientSampleId :
SB-5-14.5-15.0-113015

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.7	55.1
54	48.8	33.8	50.8

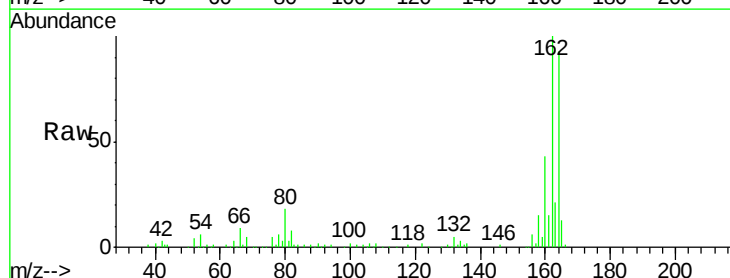


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

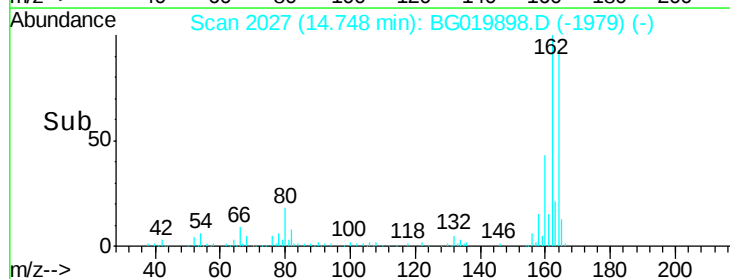
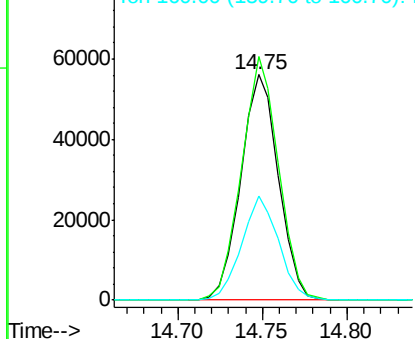


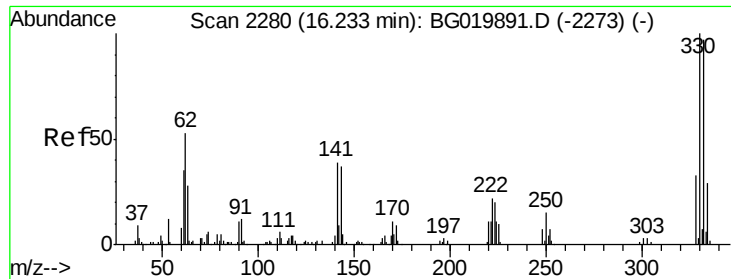
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019898.D
Acq: 4 Dec 2015 8:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	46.2	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

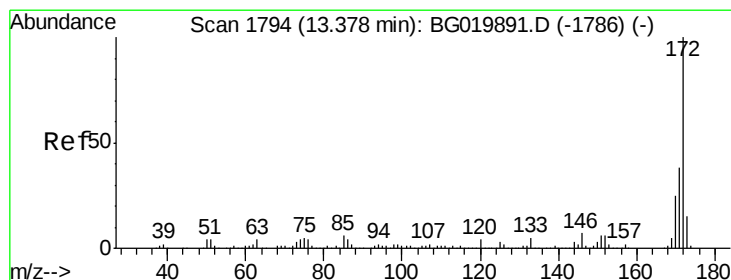
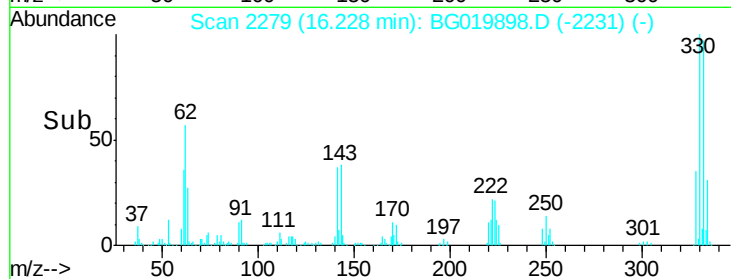
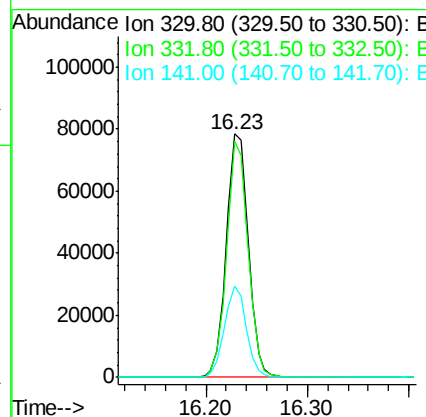
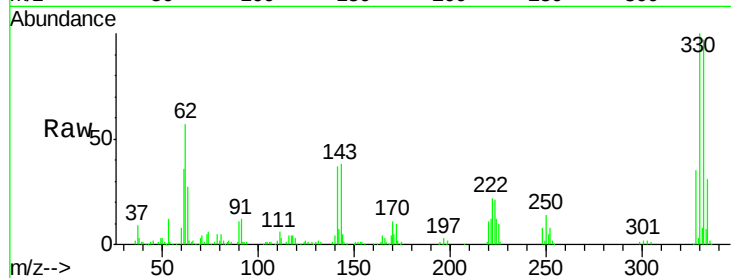




#41
 2,4,6-Tribromophenol
 Concen: 89.68 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019898.D
 Acq: 4 Dec 2015 8:55

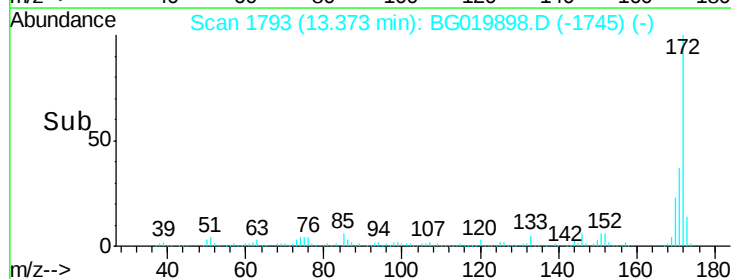
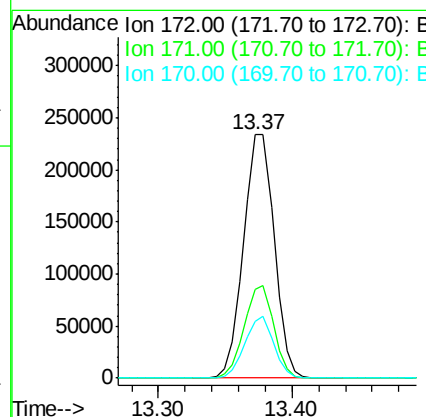
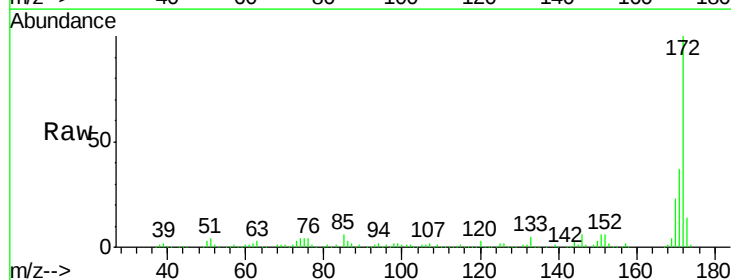
Instrument :
 BNA_G
 ClientSampleId :
 SB-5-14.5-15.0-113015

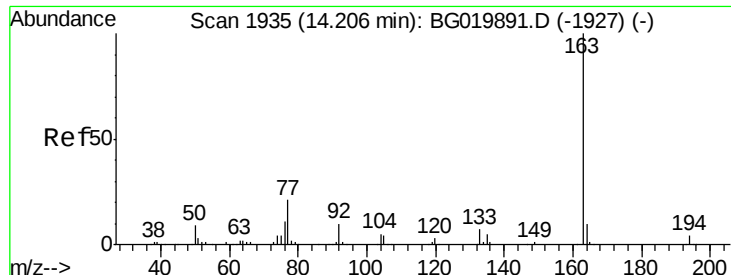
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.1	117.1
141	36.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 58.43 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019898.D
 Acq: 4 Dec 2015 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	23.3	19.9	29.9





#49

Dimethylphthalate

Concen: 13.81 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019898.D

Acq: 4 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-5-14.5-15.0-113015

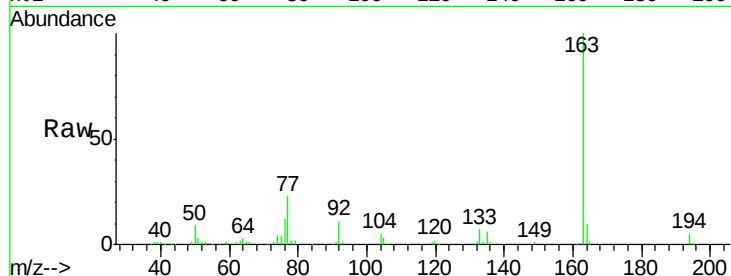
Tot Ion:163 Resp: 107792

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7#

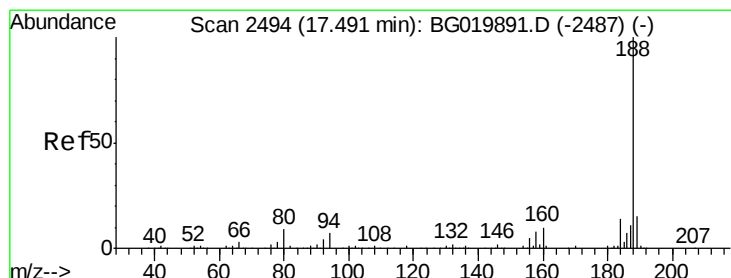
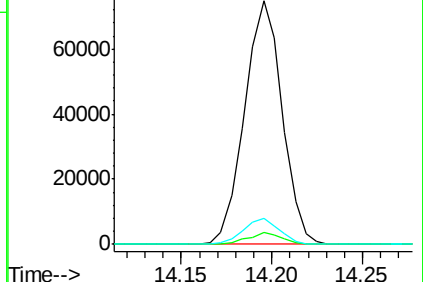
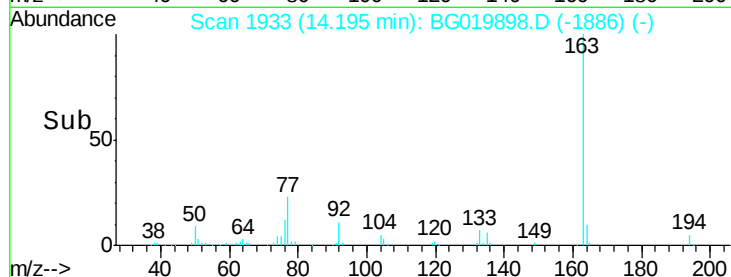
164 10.5 8.8 13.2



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: BG019898.D

Acq: 4 Dec 2015 8:55

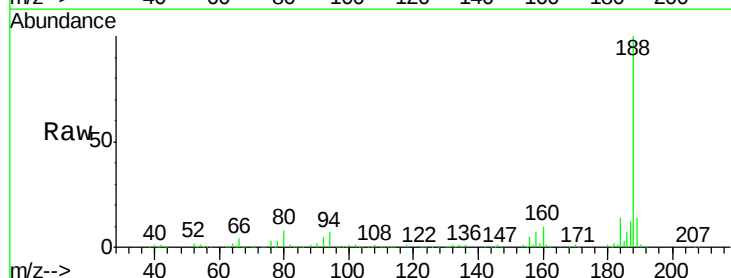
Tgt Ion:188 Resp: 220730

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

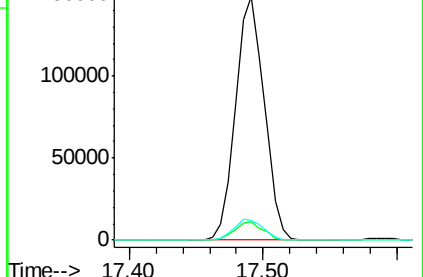
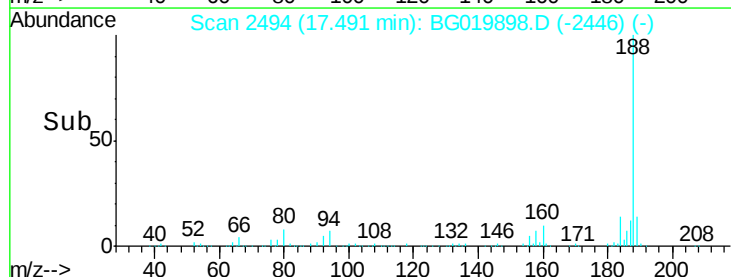
80 8.1 7.8 11.8

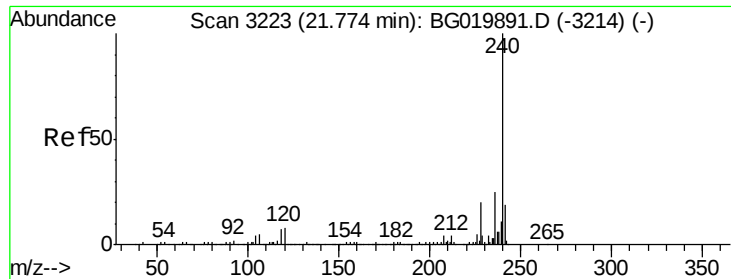


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

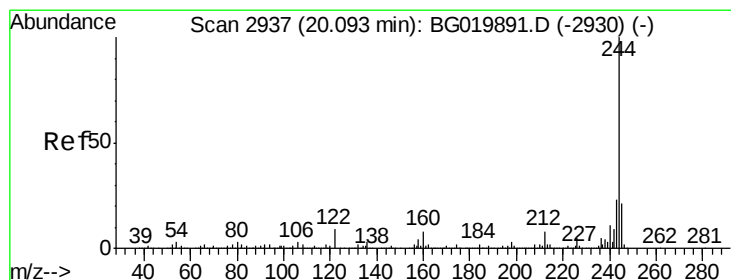
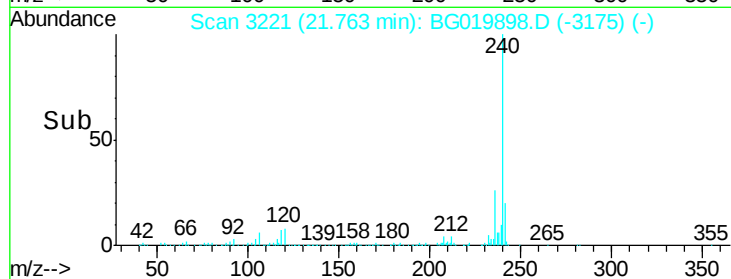
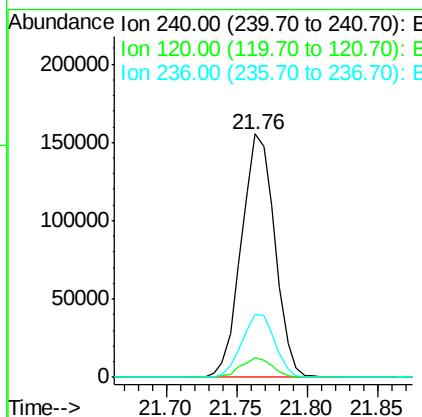
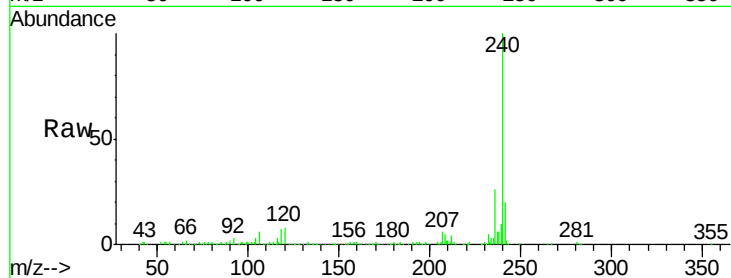




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG019898.D
 Acq: 4 Dec 2015 8:55

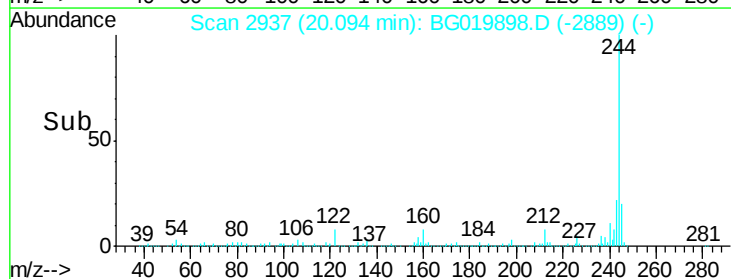
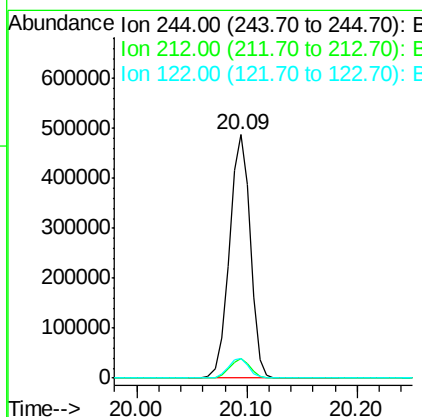
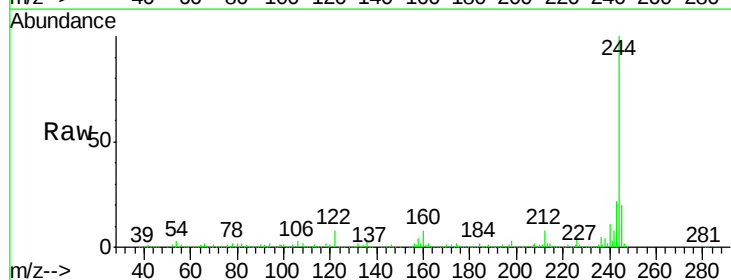
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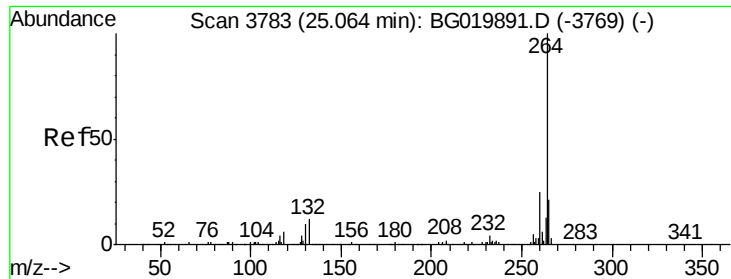
Tot Ion:240 Resp: 258119
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.4 11.0
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 60.92 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG019898.D
 Acq: 4 Dec 2015 8:55

Tgt Ion:244 Resp: 644700
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 8.0 10.2 15.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.04 min
Lab File: BG019898.D
Acq: 4 Dec 2015 8:55

Instrument :
BNA_G
ClientSampleId :
SB-5-14.5-15.0-113015

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.2	17.2	25.8

