

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019897.D
 Acq On : 4 Dec 2015 8:17
 Operator : UM/NP
 Sample : G4609-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-13.5-14.0-113015

Quant Time: Dec 04 11:26:40 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

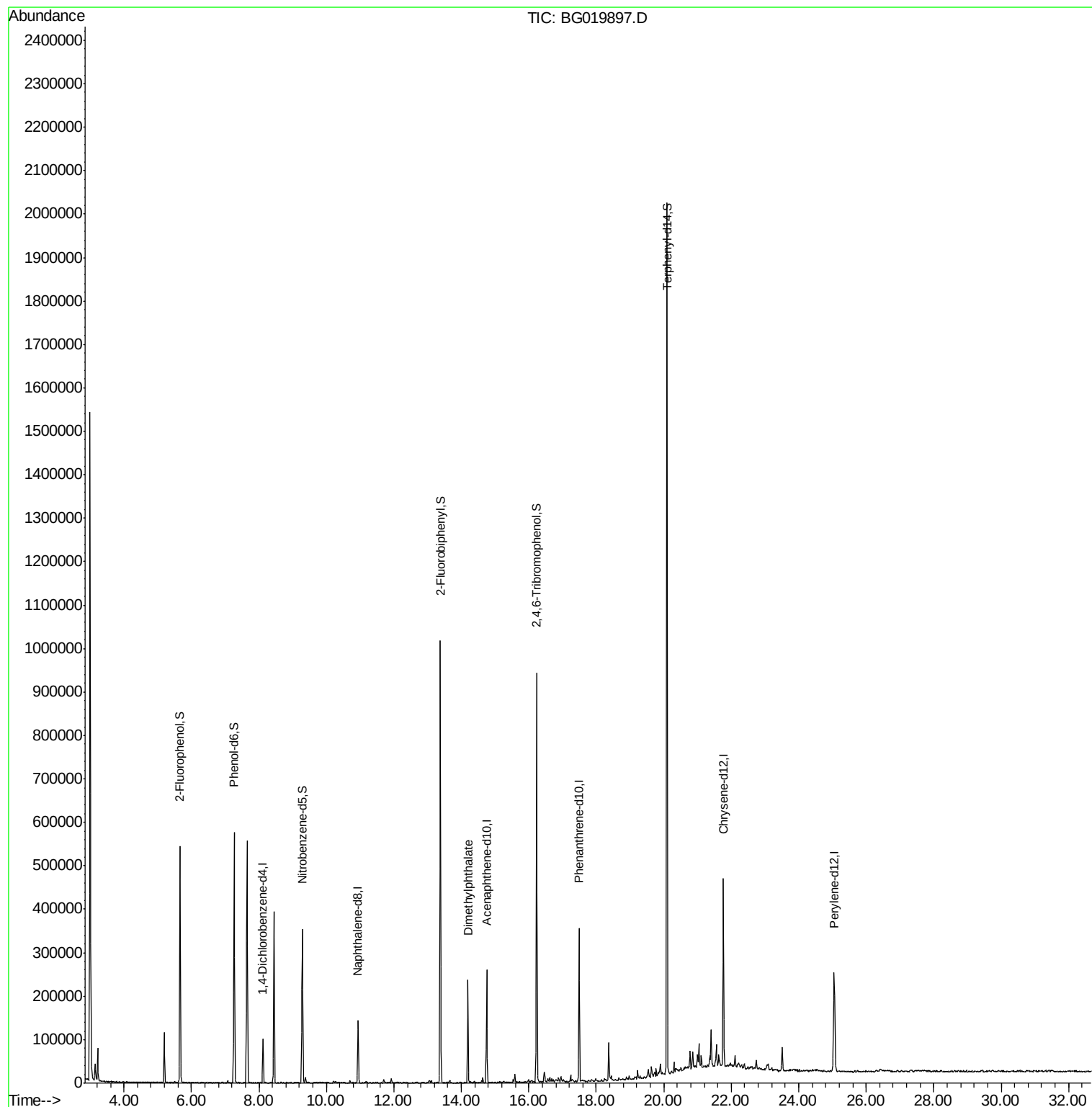
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27451	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	119477	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	85909	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	222039	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	262221	20.00	ng	-0.03
86) Perylene-d12	25.05	264	251190	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	217558	143.24	ng	0.00
7) Phenol-d6	7.26	99	325324	141.86	ng	0.00
23) Nitrobenzene-d5	9.29	82	213779	91.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	168204	127.96	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	520853	82.78	ng	-0.02
78) Terphenyl-d14	20.10	244	887530	82.56	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	154226	19.96	ng	Qvalue 98

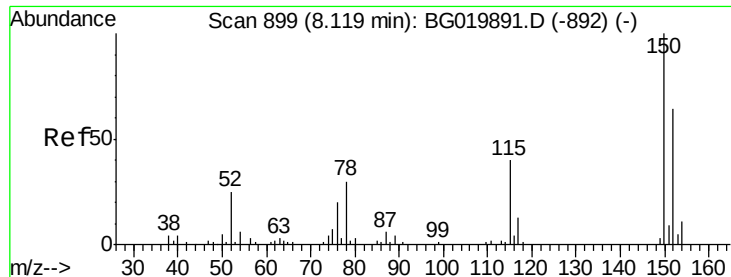
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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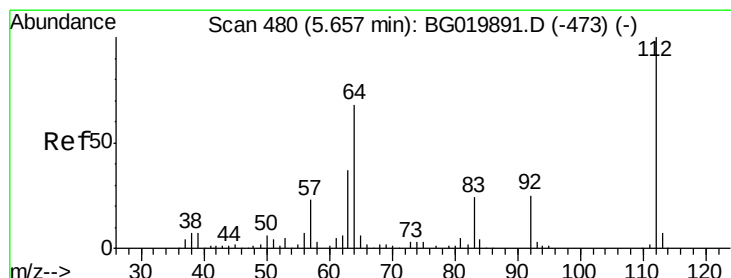
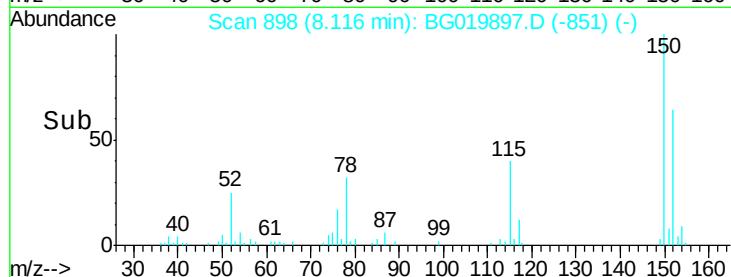
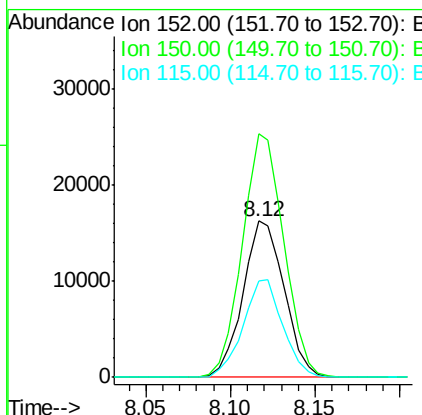
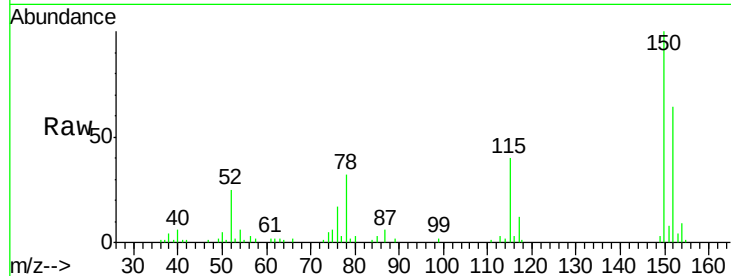


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
SB-4-13.5-14.0-113015

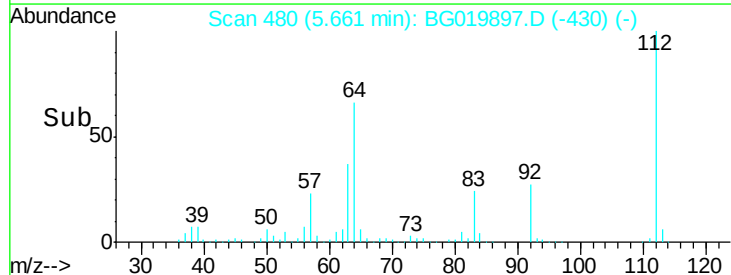
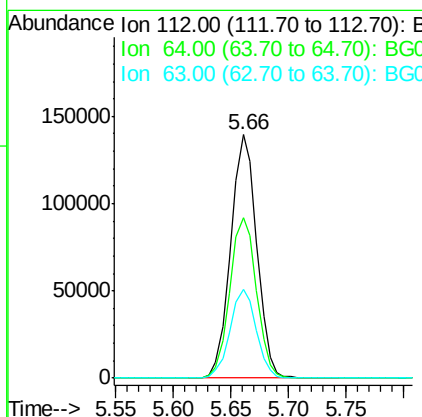
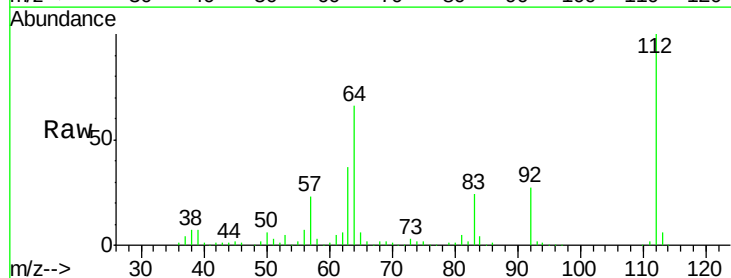
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	115.0	172.4
115	62.2	43.9	65.9

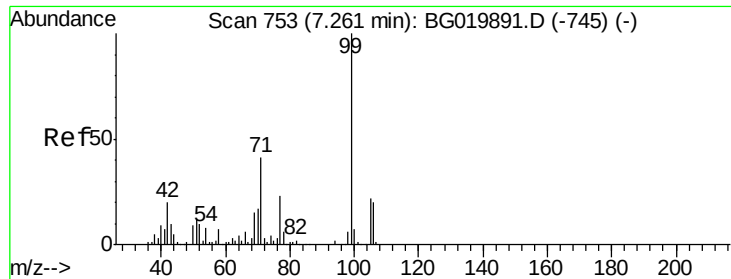


#5

2-Fluorophenol
Concen: 143.24 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	43.7	65.5#
63	36.7	24.0	36.0#





#7

Phenol-d6

Concen: 141.86 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

SB-4-13.5-14.0-113015

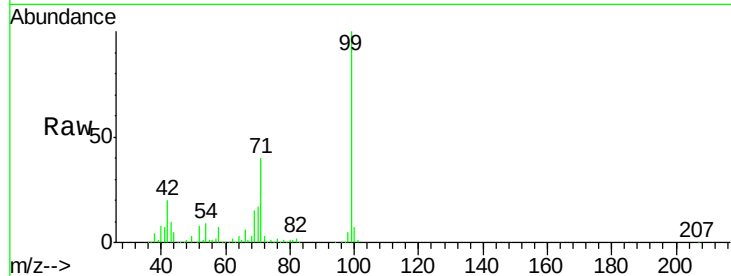
Tot Ion: 99 Resp: 325324

Ion Ratio Lower Upper

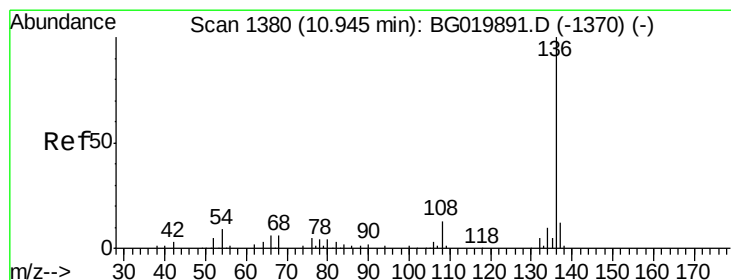
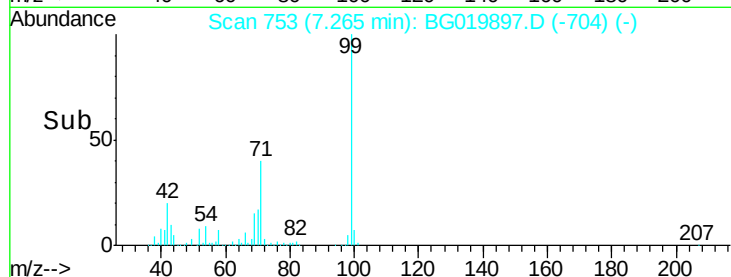
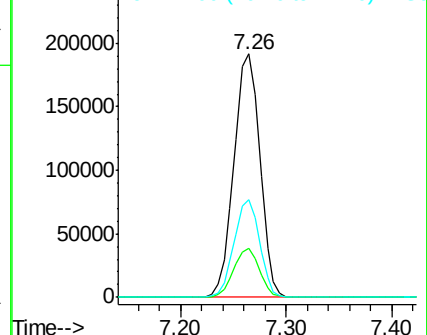
99 100

42 20.1 11.5 17.3#

71 40.0 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# 1378

Delta R.T. -0.02 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Tgt Ion: 136 Resp: 119477

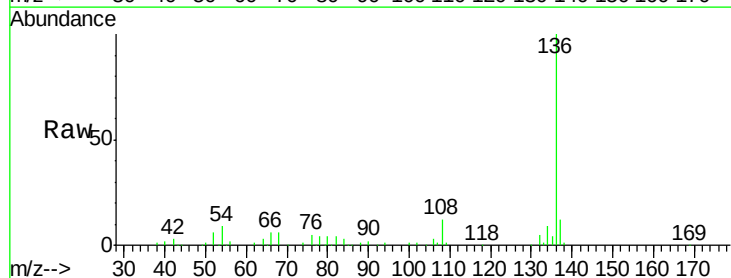
Ion Ratio Lower Upper

136 100

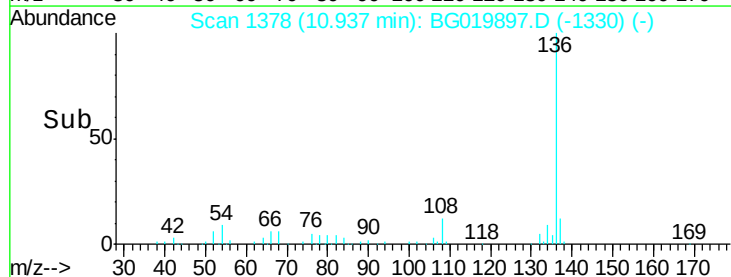
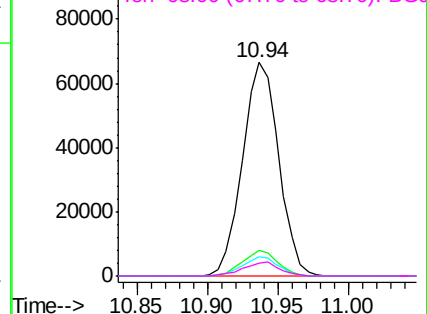
137 11.7 8.6 12.8

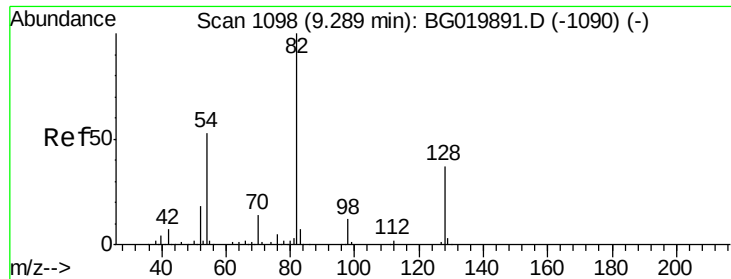
54 9.0 5.4 8.2#

68 6.2 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

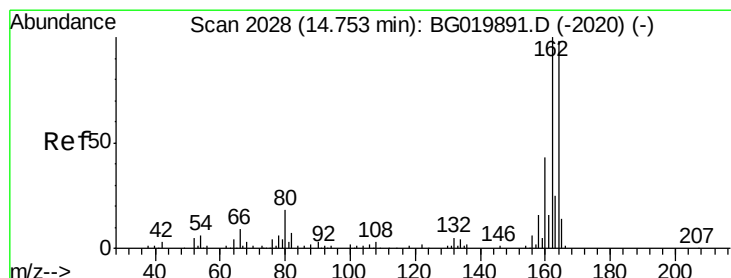
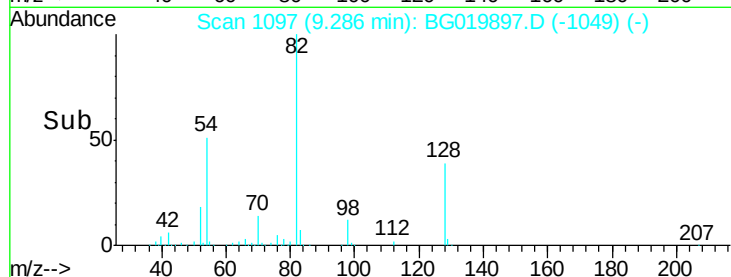
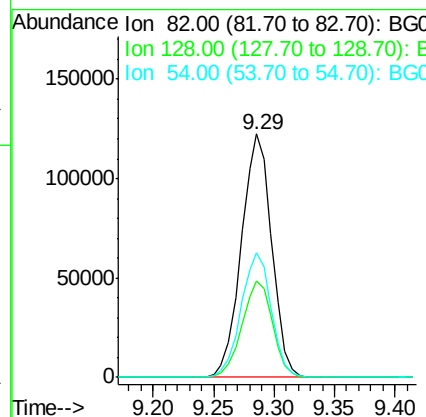
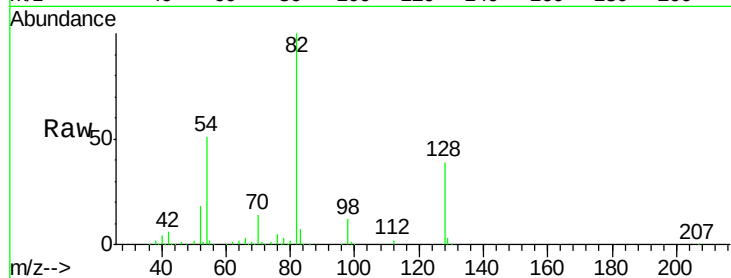




#23
 Nitrobenzene-d5
 Concen: 91.32 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

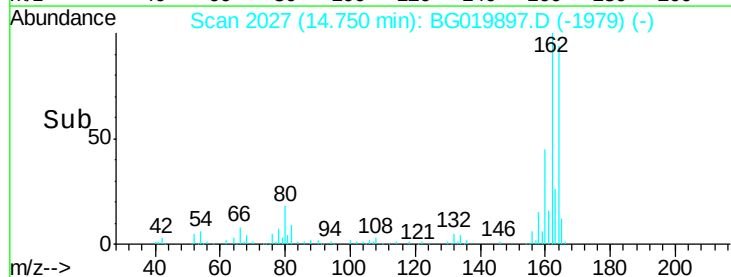
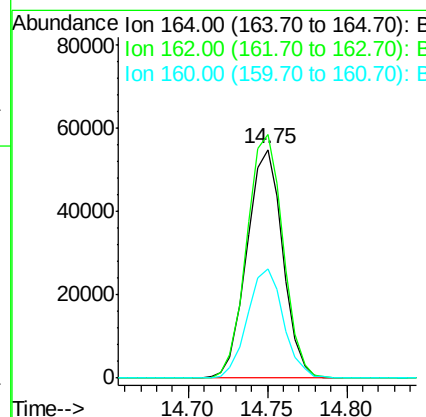
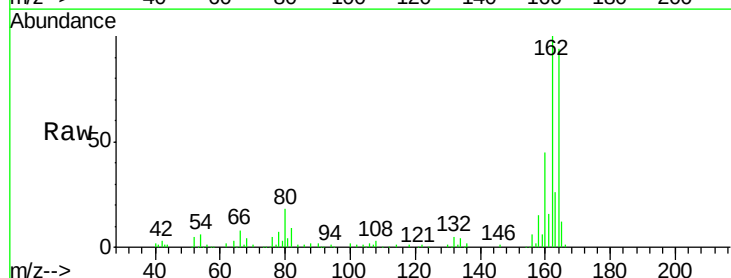
Instrument :
 BNA_G
 ClientSampleId :
 SB-4-13.5-14.0-113015

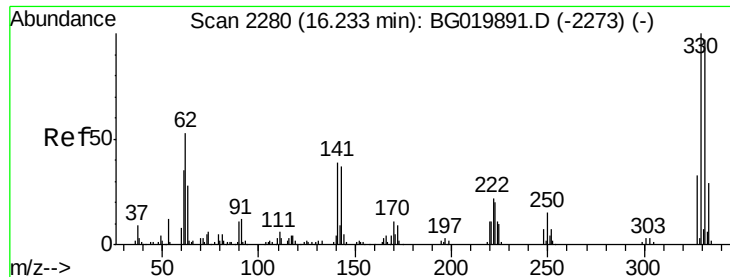
Tot Ion: 82 Resp: 213779
 Ion Ratio Lower Upper
 82 100
 128 39.4 36.7 55.1
 54 51.1 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

Tgt Ion: 164 Resp: 85909
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.8 118.2
 160 47.5 36.4 54.6

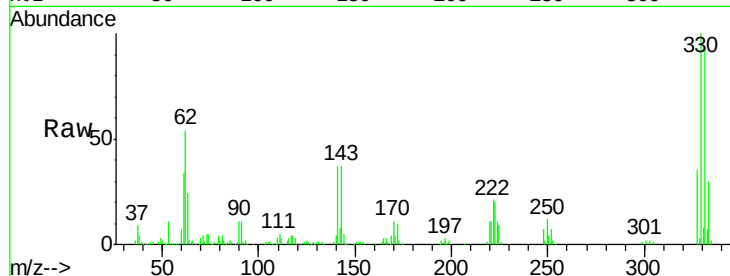




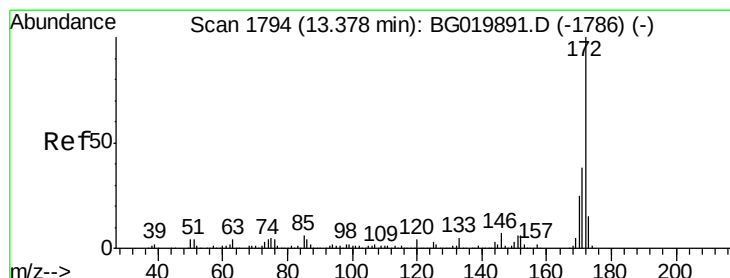
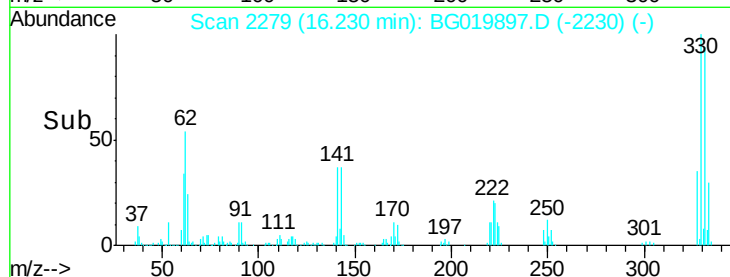
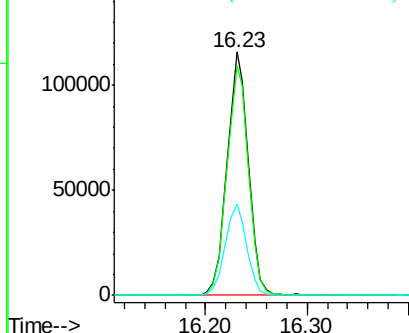
#41
 2,4,6-Tribromophenol
 Concen: 127.96 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-13.5-14.0-113015

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	37.9	28.2	42.2

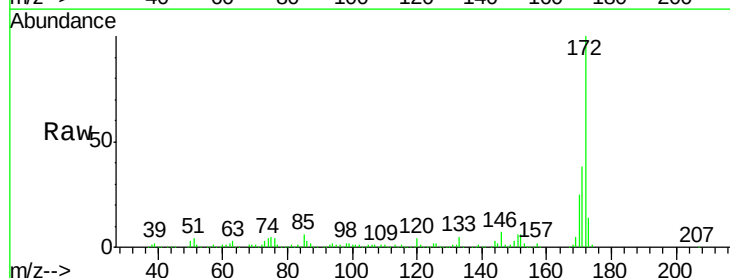


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

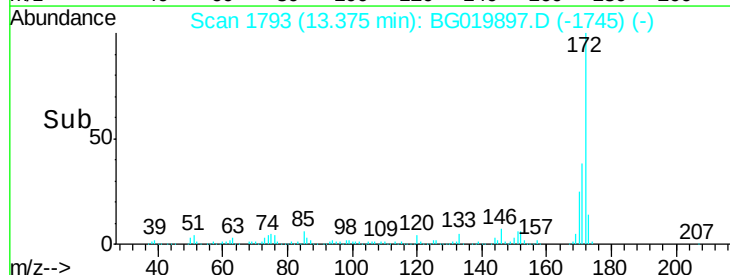
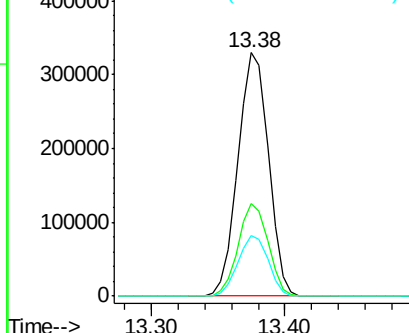


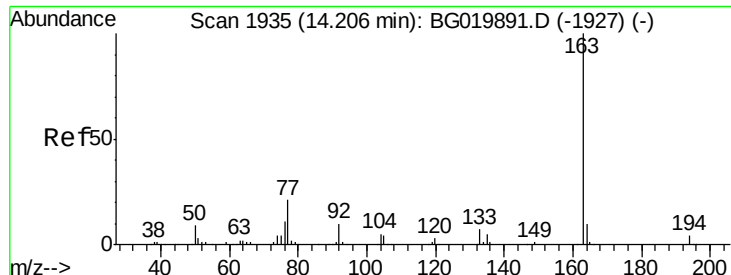
#44
 2-Fluorobiphenyl
 Concen: 82.78 ng
 RT: 13.38 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	24.9	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





#49

Dimethylphthalate

Concen: 19.96 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

SB-4-13.5-14.0-113015

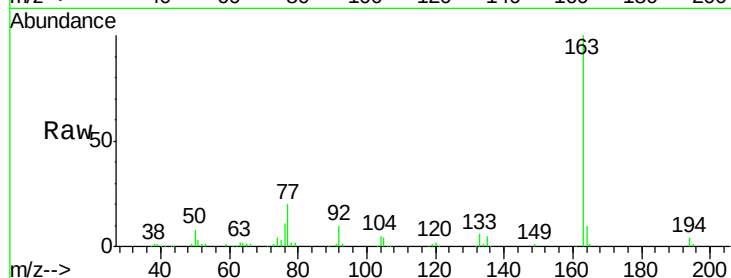
Tot Ion:163 Resp: 154226

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

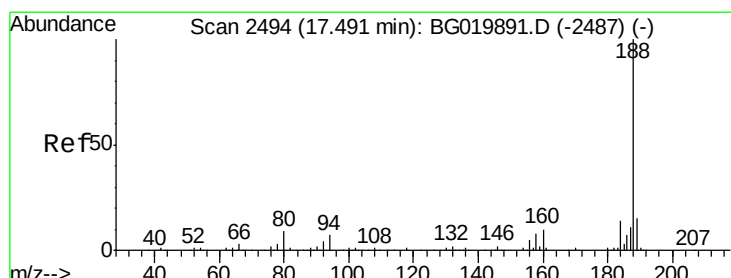
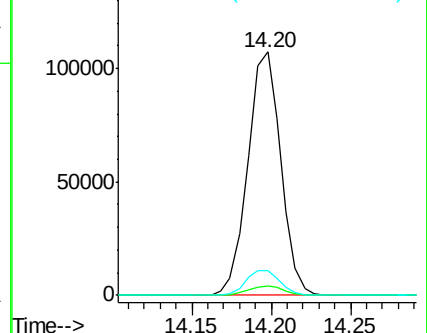
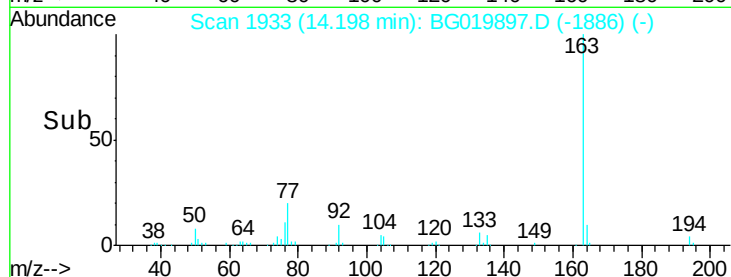
164 9.9 8.8 13.2



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# 2493

Delta R.T. -0.02 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

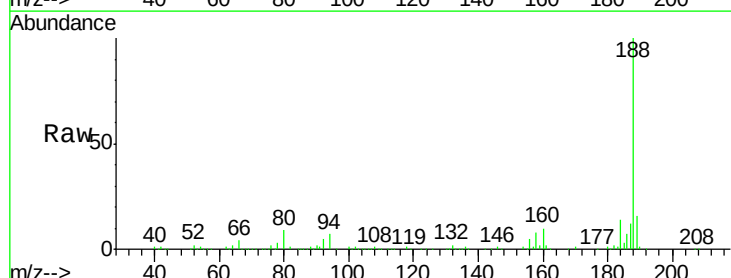
Tgt Ion:188 Resp: 222039

Ion Ratio Lower Upper

188 100

94 7.5 7.7 11.5#

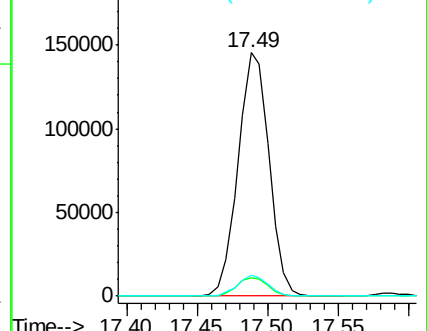
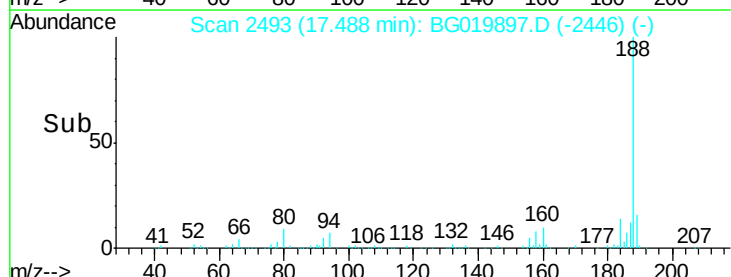
80 8.7 7.8 11.8

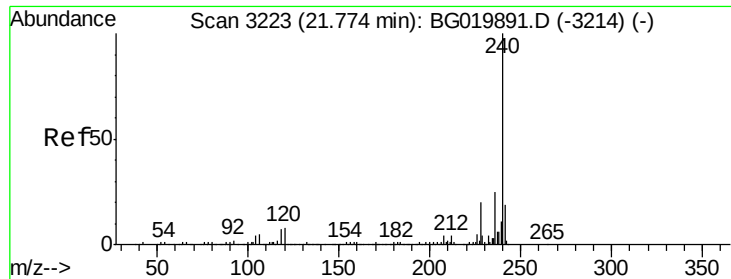


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3221

Delta R.T. -0.03 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

SB-4-13.5-14.0-113015

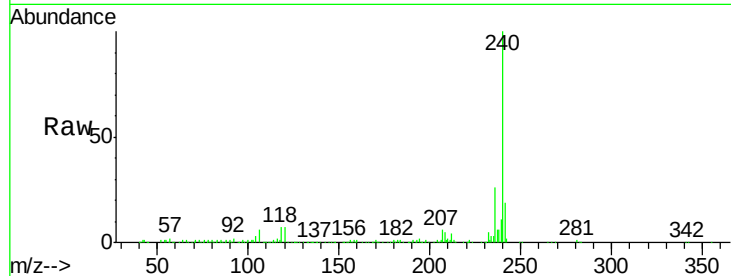
Tot Ion:240 Resp: 262221

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

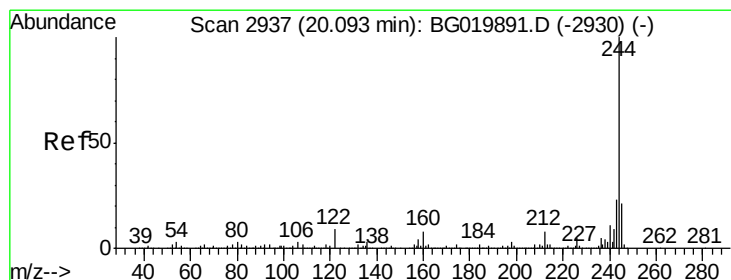
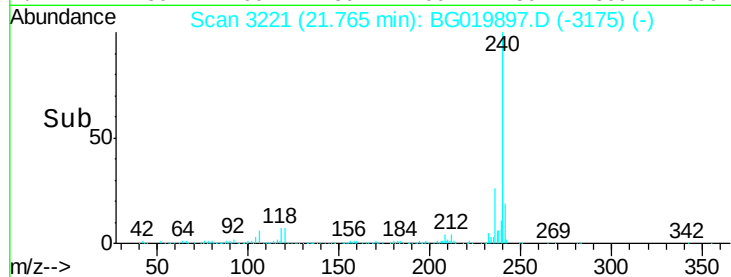
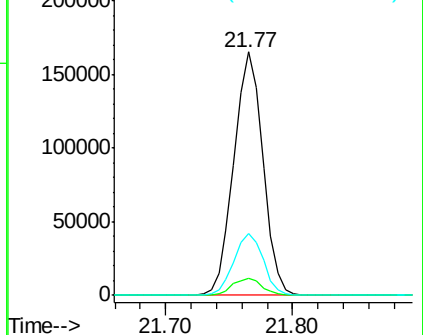
236 25.6 20.7 31.1



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: 82.56 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

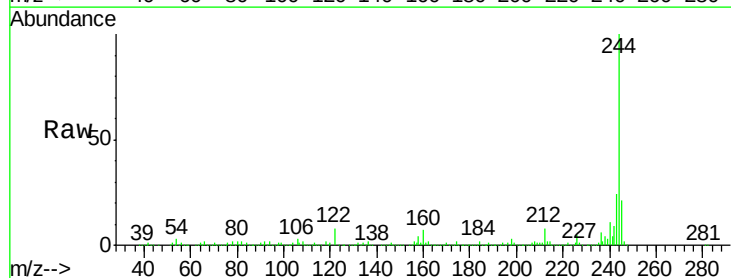
Tgt Ion:244 Resp: 887530

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

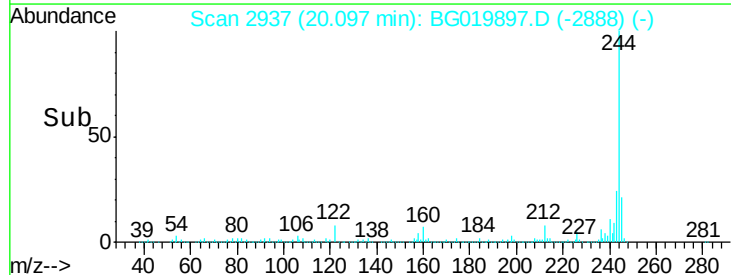
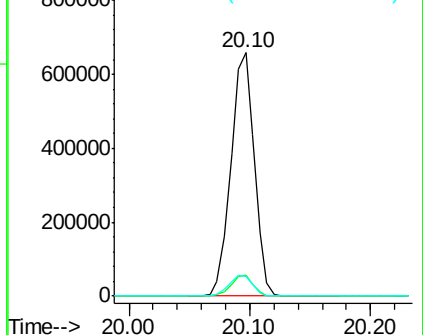
122 7.9 10.2 15.2#

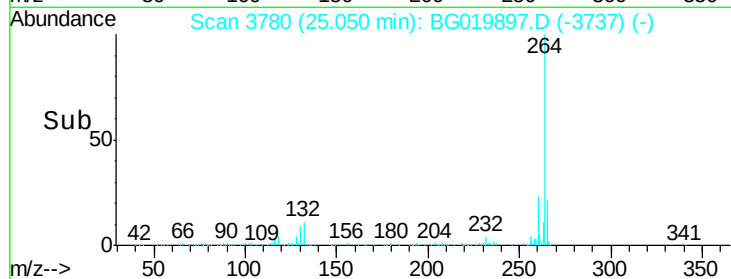
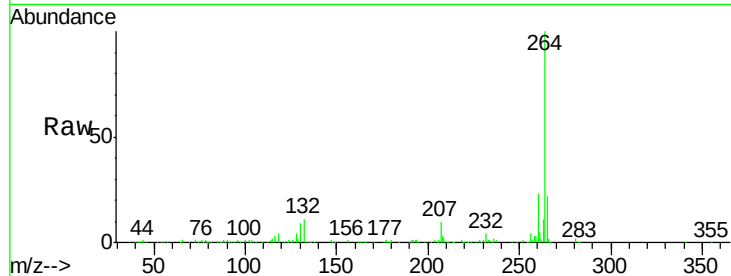
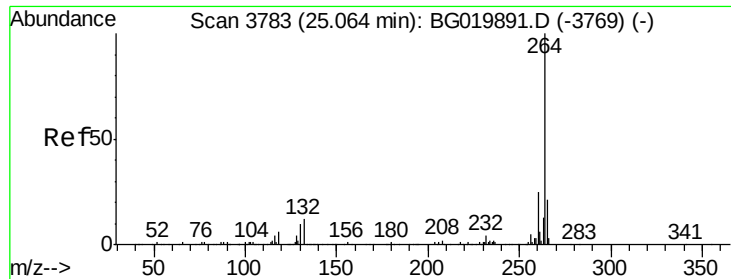


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
SB-4-13.5-14.0-113015

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.6	17.2	25.8

