

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019933.D
 Acq On : 5 Dec 2015 9:18
 Operator : UM/NP
 Sample : PB87030BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BL

Quant Time: Dec 07 04:06:42 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	8.11	152	32348	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	133992	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	97337	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	249812	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	314021	20.00	ng	-0.04
86) Perylene-d12	25.04	264	288428	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	214287	119.73	ng	-0.01
7) Phenol-d6	7.26	99	307928	113.95	ng	-0.01
23) Nitrobenzene-d5	9.28	82	199555	76.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	152066	102.10	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	494800	69.41	ng	-0.02
78) Terphenyl-d14	20.09	244	900400	69.94	ng	-0.02

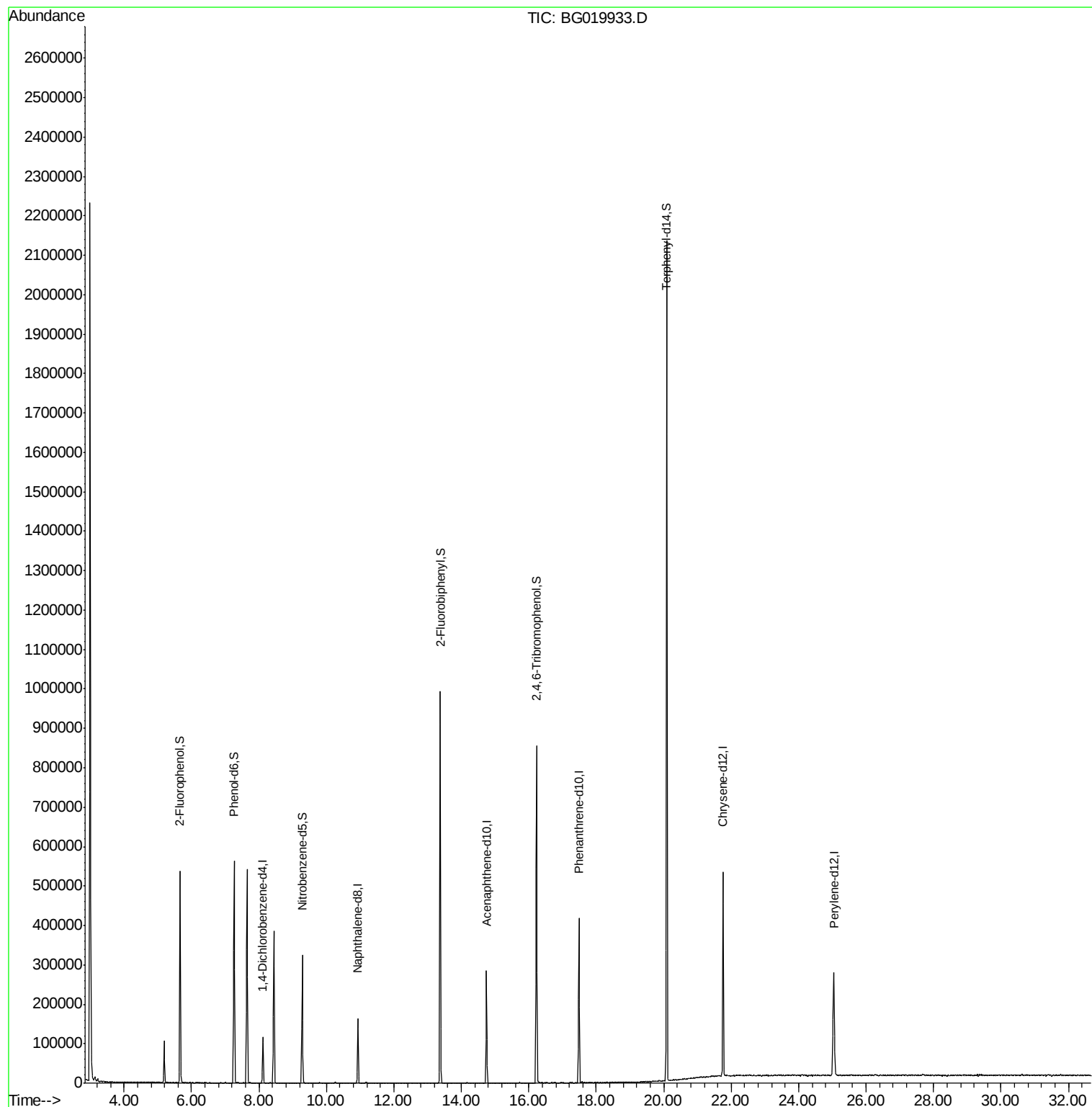
Target Compounds Qvalue

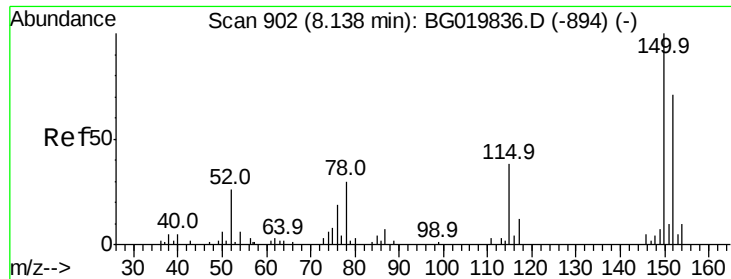
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019933.D

Acq: 5 Dec 2015 9:18

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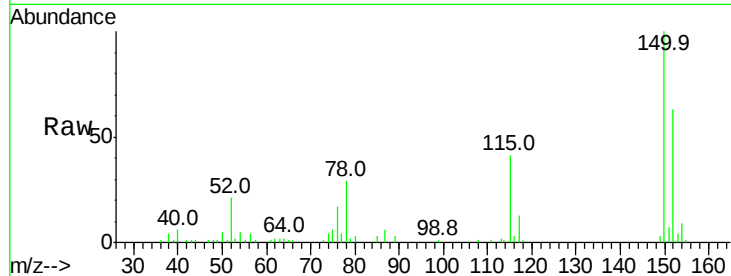
Tot Ion:152 Resp: 32348

Ion Ratio Lower Upper

152 100

150 159.3 115.0 172.4

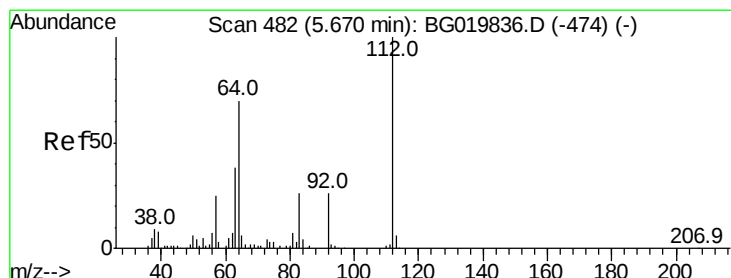
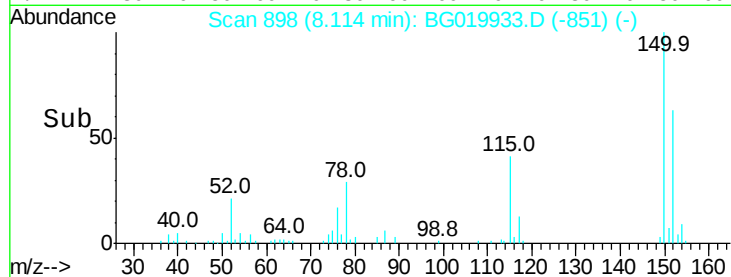
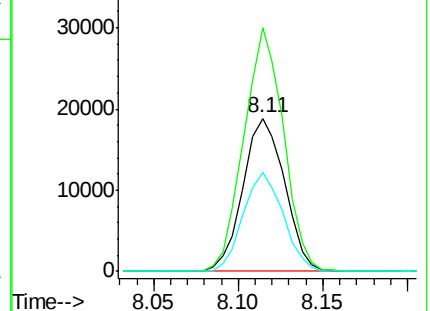
115 65.1 43.9 65.9



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: 119.73 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019933.D

Acq: 5 Dec 2015 9:18

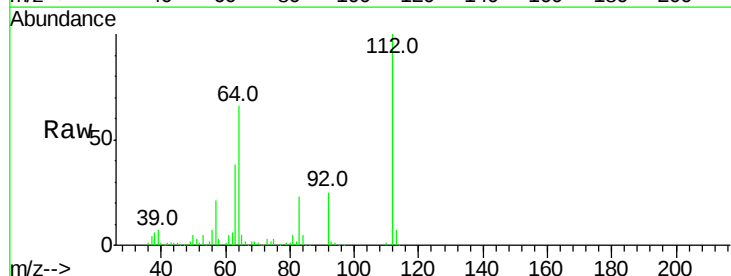
Tgt Ion:112 Resp: 214287

Ion Ratio Lower Upper

112 100

64 66.1 43.7 65.5#

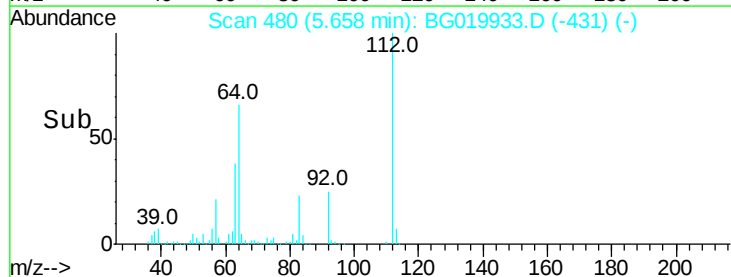
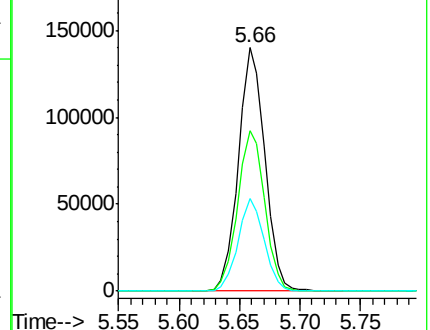
63 37.8 24.0 36.0#

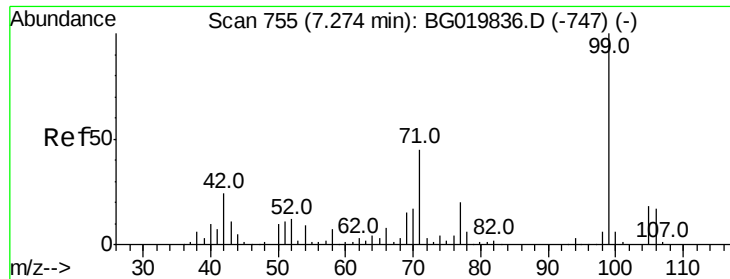


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.95 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019933.D

Acq: 5 Dec 2015 9:18

Instrument :

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ClientSampleId :

PB87030BL

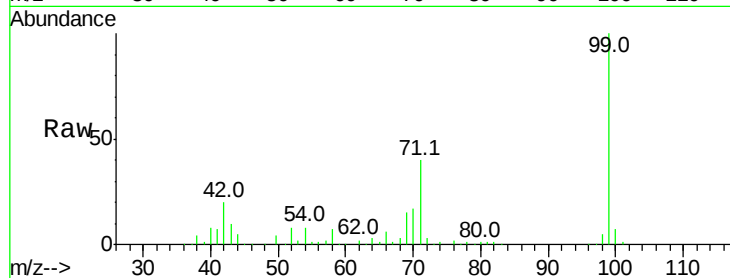
Tot Ion: 99 Resp: 307928

Ion Ratio Lower Upper

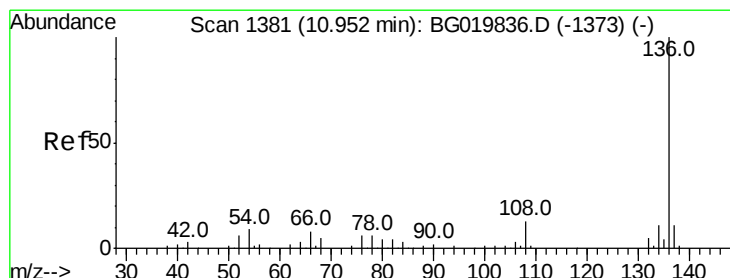
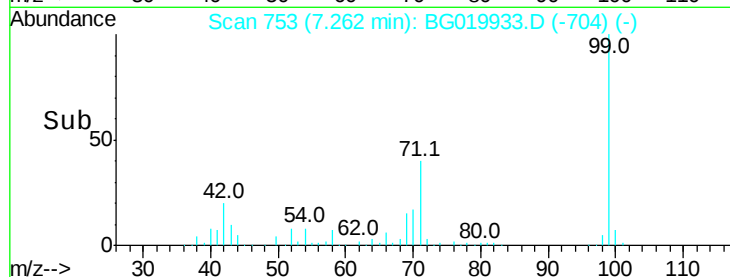
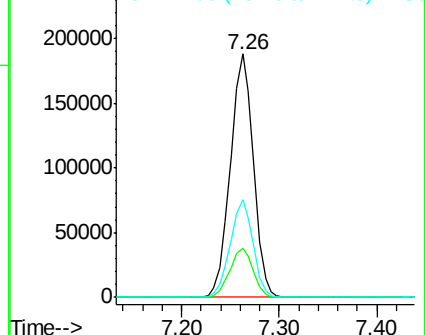
99 100

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: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019933.D

Acq: 5 Dec 2015 9:18

Tgt Ion: 136 Resp: 133992

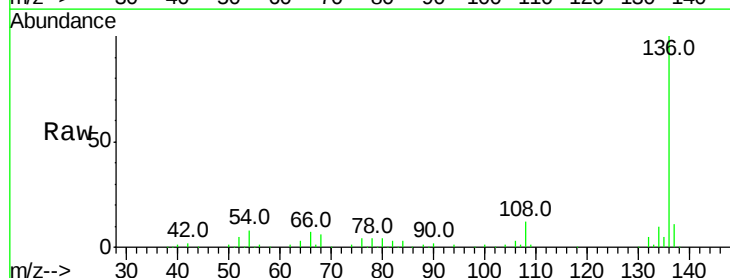
Ion Ratio Lower Upper

136 100

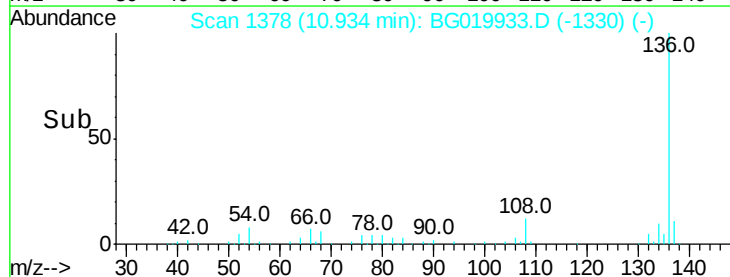
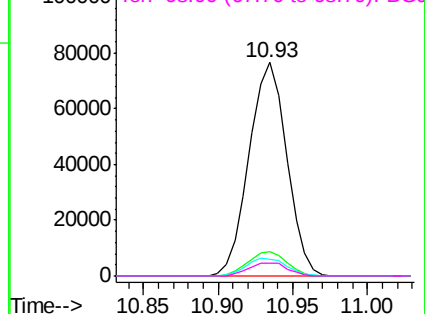
137 11.3 8.6 12.8

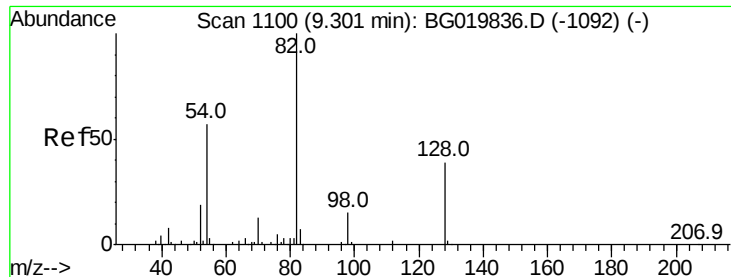
54 7.6 5.4 8.2

68 6.1 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

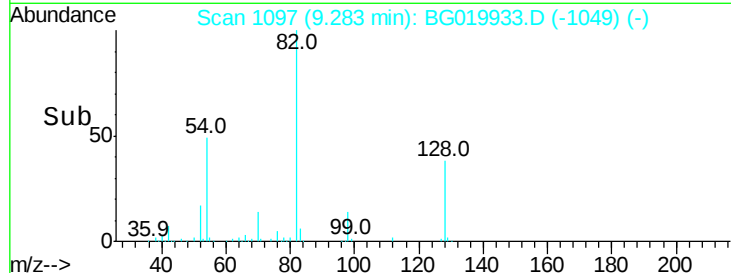
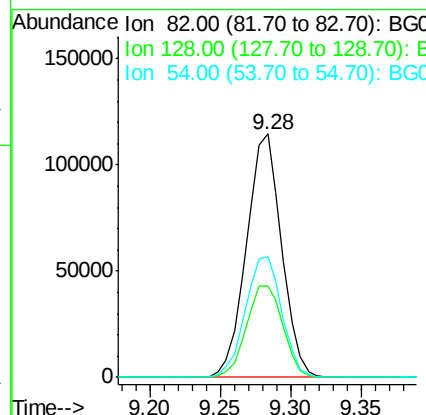
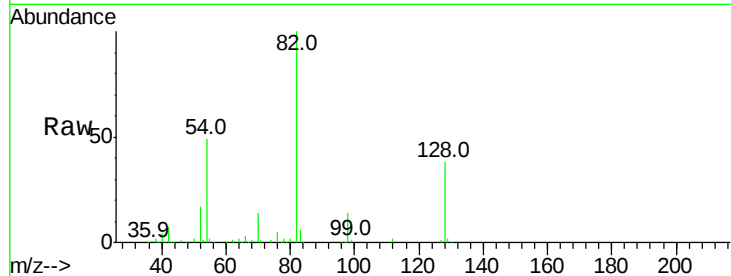




#23
 Nitrobenzene-d5
 Concen: 76.01 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

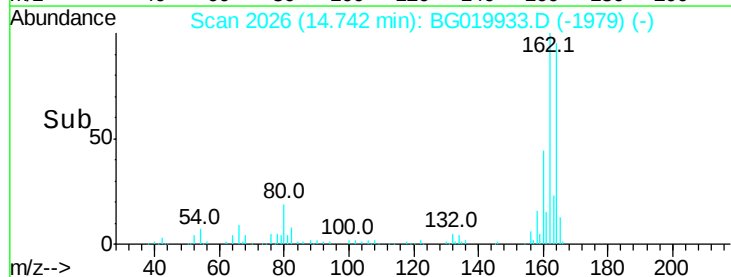
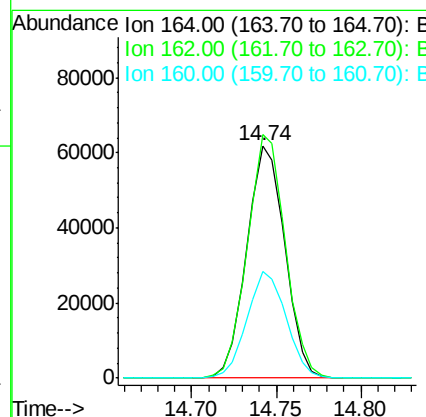
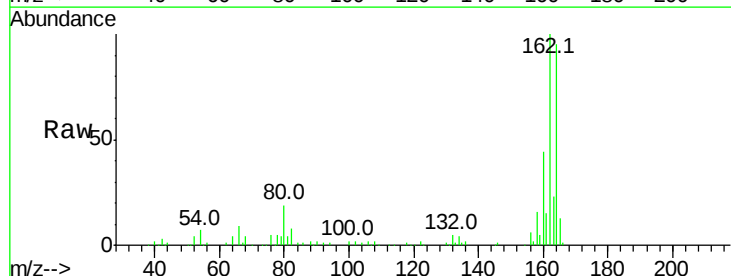
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BL

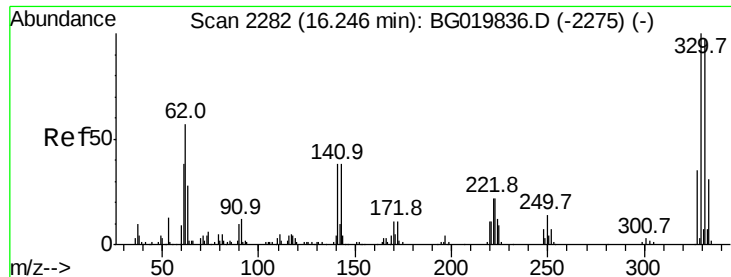
Tot Ion: 82 Resp: 199555
 Ion Ratio Lower Upper
 82 100
 128 37.5 36.7 55.1
 54 49.4 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

Tgt Ion: 164 Resp: 97337
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 46.0 36.4 54.6

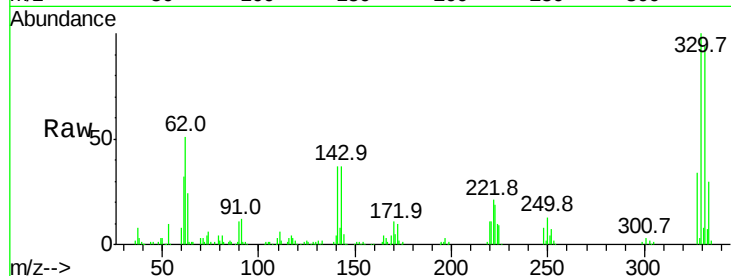




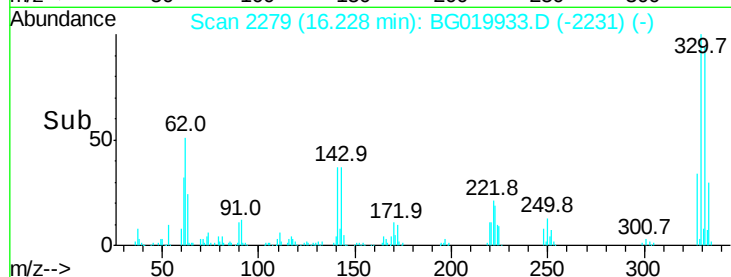
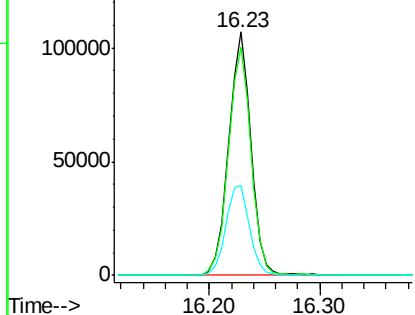
#41
 2,4,6-Tribromophenol
 Concen: 102.10 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	39.1	28.2	42.2

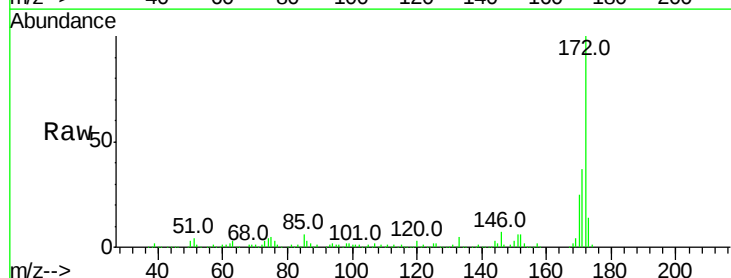


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

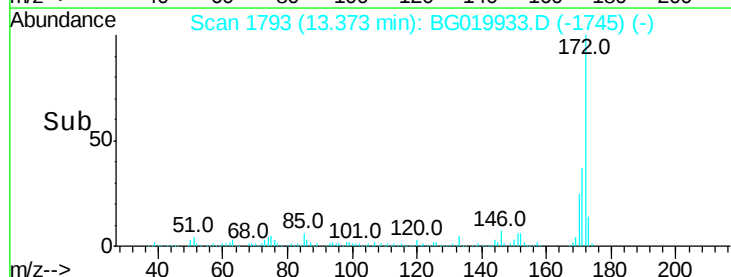
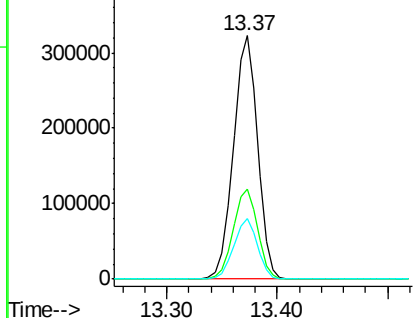


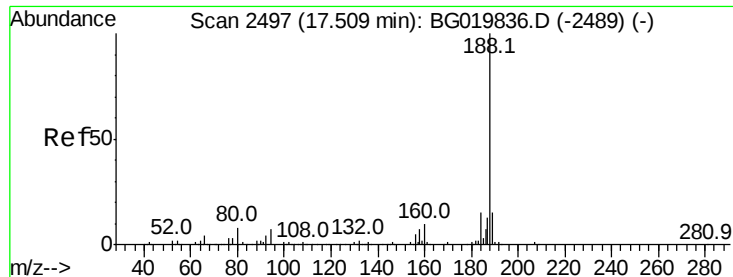
#44
 2-Fluorobiphenyl
 Concen: 69.41 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.7	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

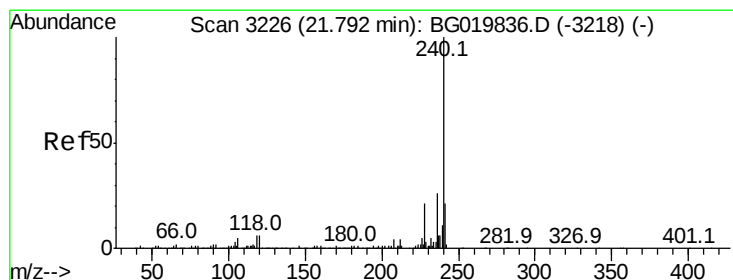
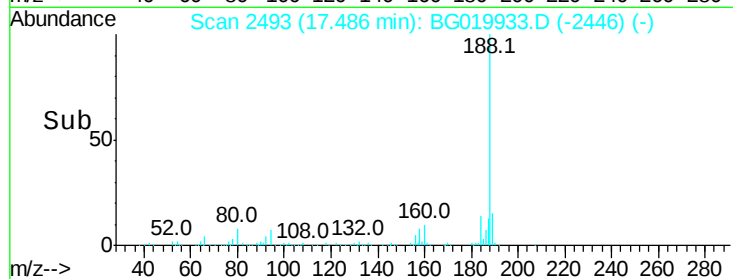
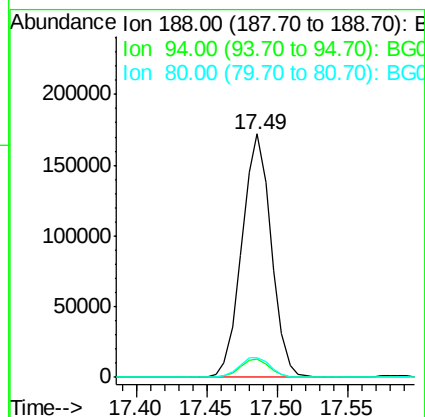
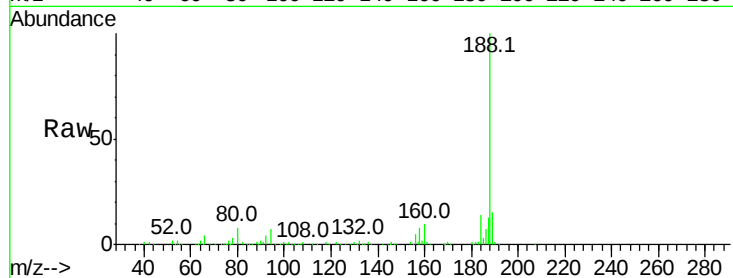




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019933.D
Acq: 5 Dec 2015 9:18

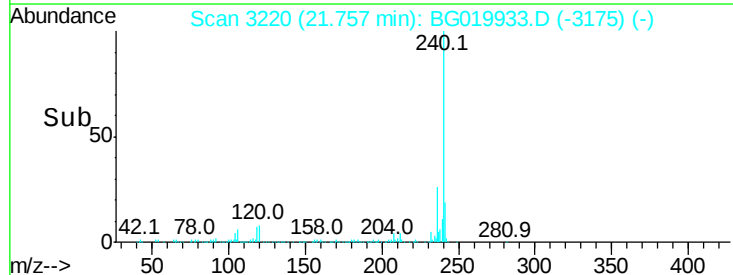
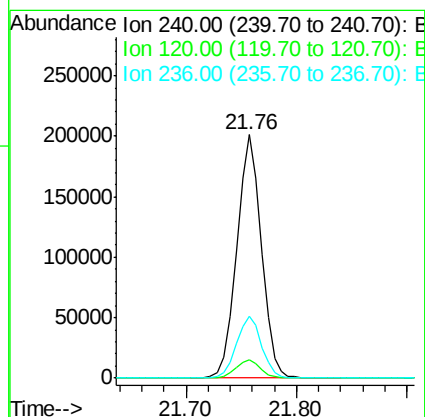
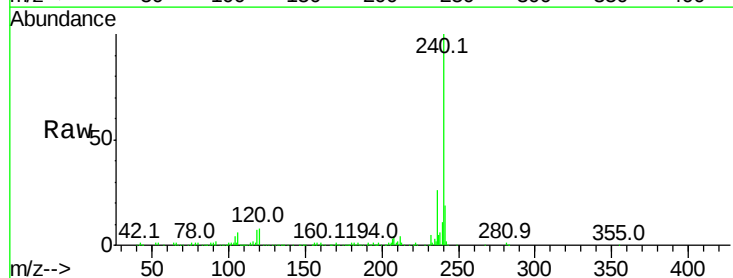
Instrument :
BNA_G
ClientSampleId :
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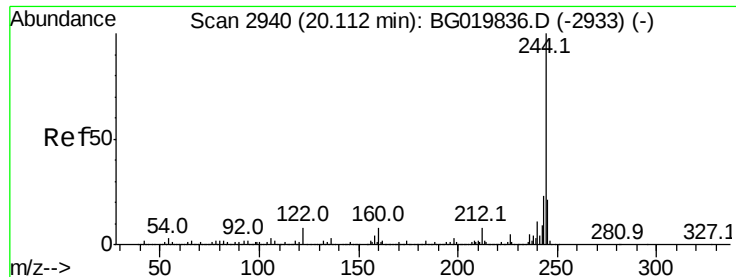
Tot Ion:188 Resp: 249812
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 8.3 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019933.D
Acq: 5 Dec 2015 9:18

Tgt Ion:240 Resp: 314021
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 25.5 20.7 31.1

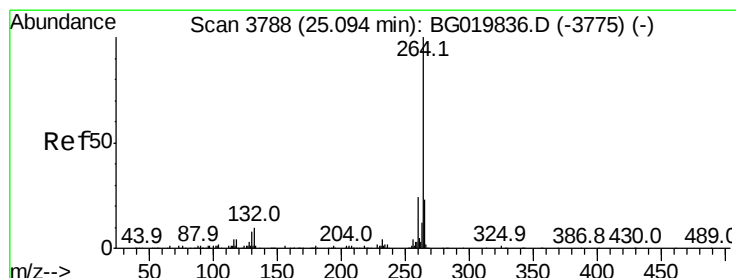
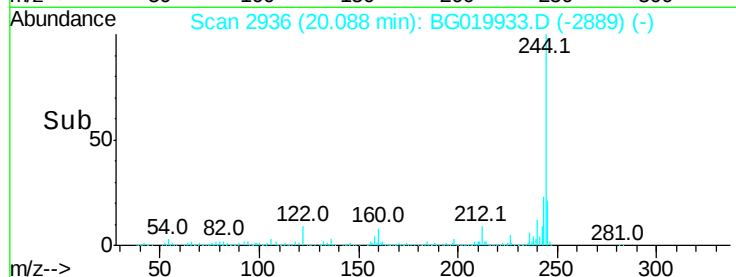
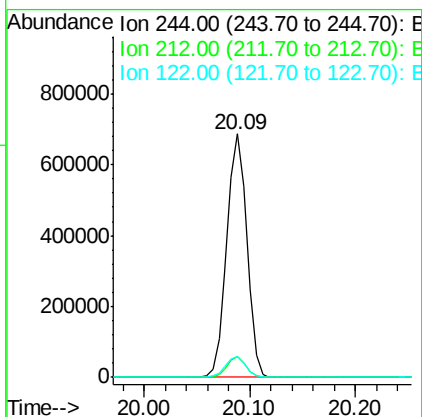
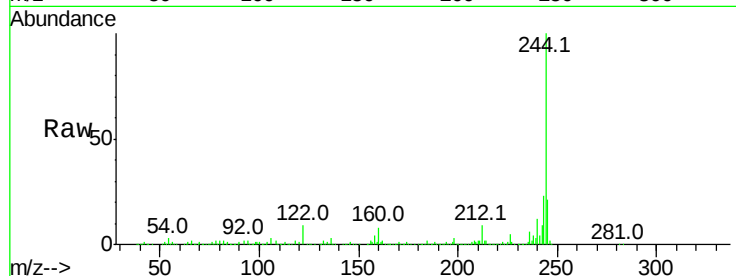




#78
 Terphenyl-d14
 Concen: 69.94 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.6	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019933.D
 Acq: 5 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	22.2	17.2	25.8

