

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020038.D
 Acq On : 9 Dec 2015 11:20
 Operator : UM/SJ
 Sample : PB87142BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Quant Time: Dec 09 14:26:21 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	20579	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	90521	20.00	ng	-0.02
38) Acenaphthene-d10	14.73	164	66877	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	168436	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	206365	20.00	ng	-0.04
86) Perylene-d12	25.03	264	191617	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	140203	123.13	ng	-0.01
7) Phenol-d6	7.26	99	208251	121.14	ng	-0.01
23) Nitrobenzene-d5	9.28	82	132723	74.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	108567	106.10	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	344371	70.31	ng	-0.02
78) Terphenyl-d14	20.08	244	629681	74.43	ng	-0.03

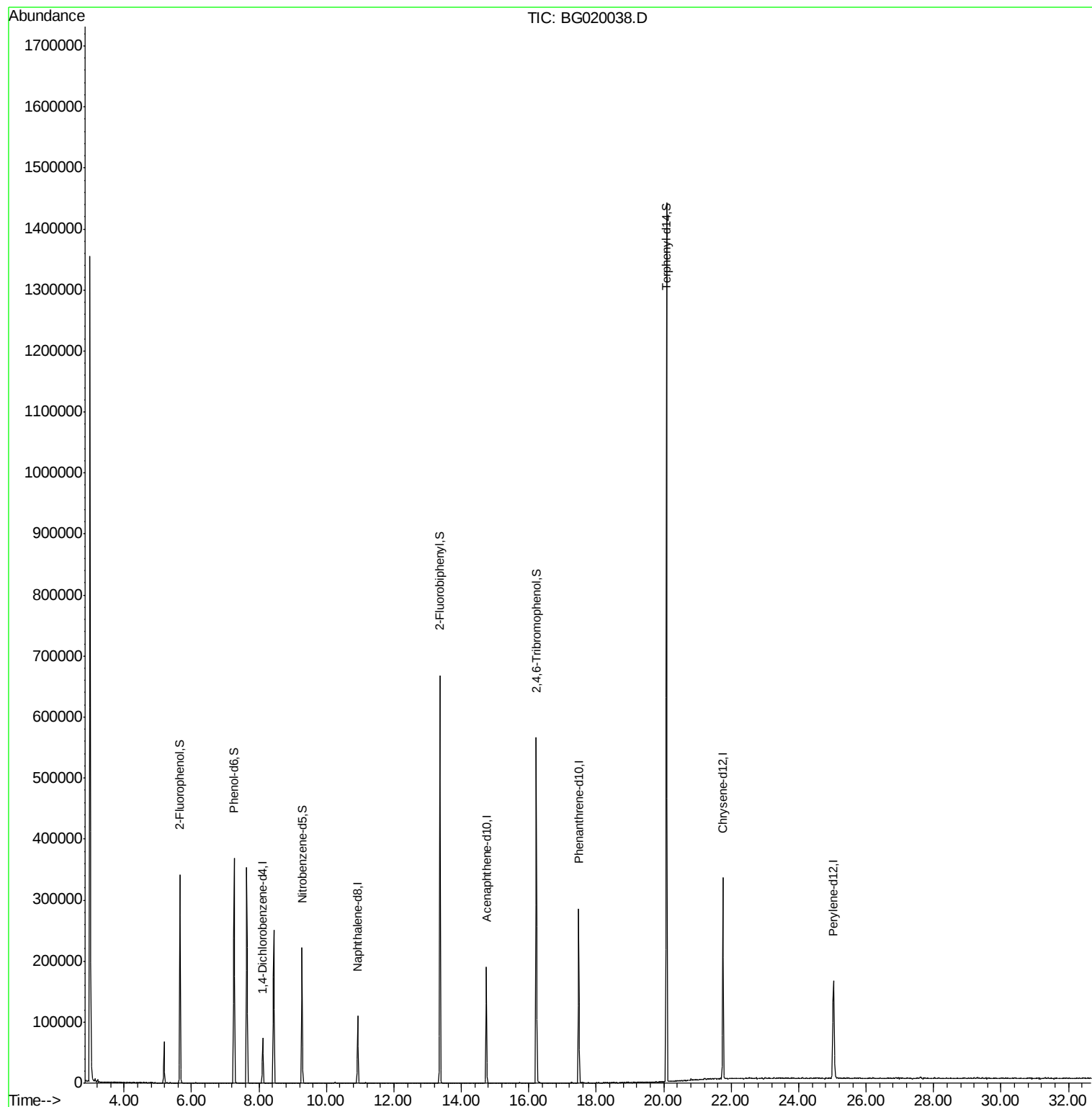
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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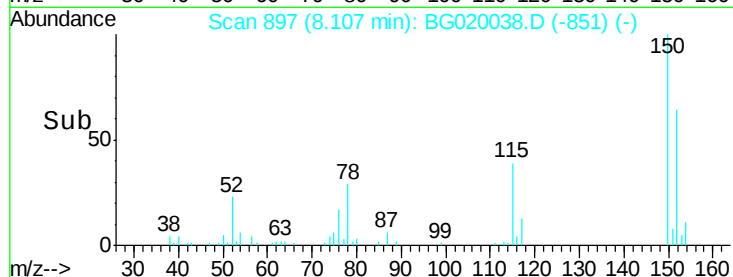
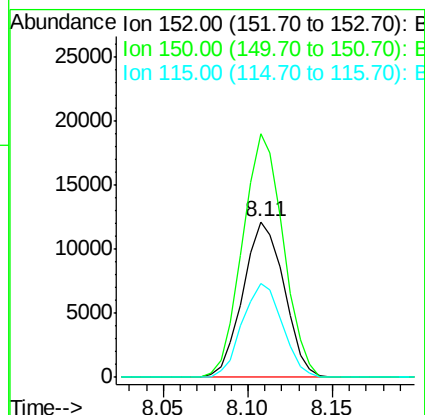
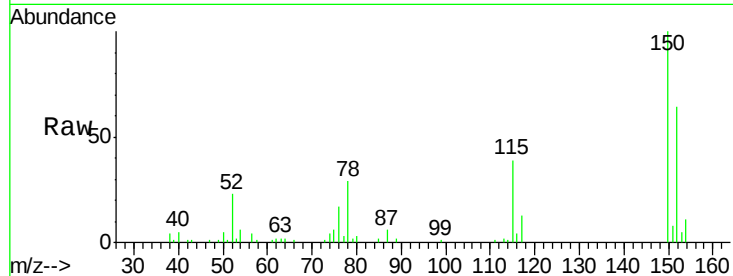




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

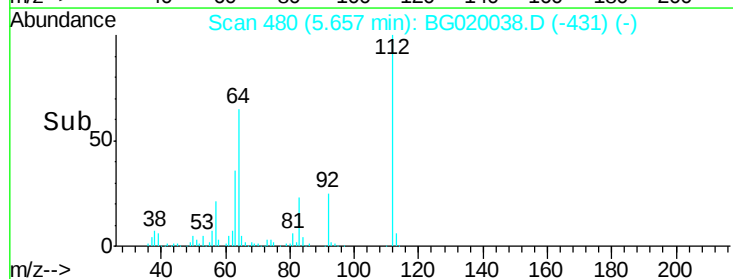
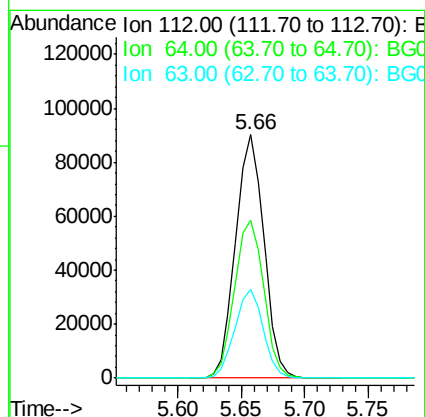
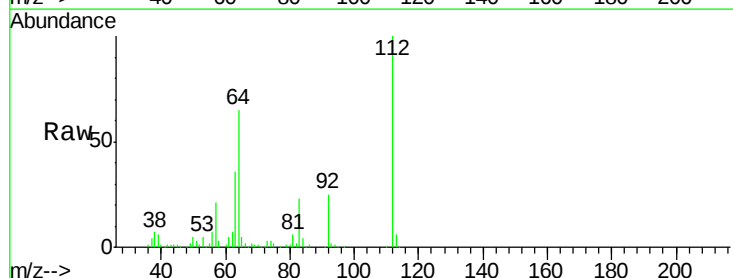
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Tgt Ion:152 Resp: 20579
 Ion Ratio Lower Upper
 152 100
 150 156.3 115.0 172.4
 115 60.4 43.9 65.9



#5
 2-Fluorophenol
 Concen: 123.13 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

Tgt Ion:112 Resp: 140203
 Ion Ratio Lower Upper
 112 100
 64 64.7 43.7 65.5
 63 36.3 24.0 36.0#





#7

Phenol-d6

Concen: 121.14 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020038.D

Acq: 9 Dec 2015 11:20

Instrument :

BNA_G

ClientSampleId :

PB87142BL

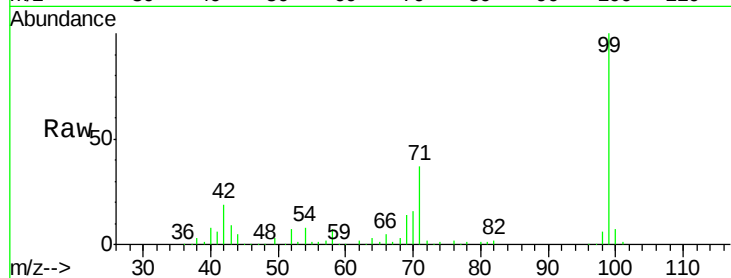
Tgt Ion: 99 Resp: 208251

Ion Ratio Lower Upper

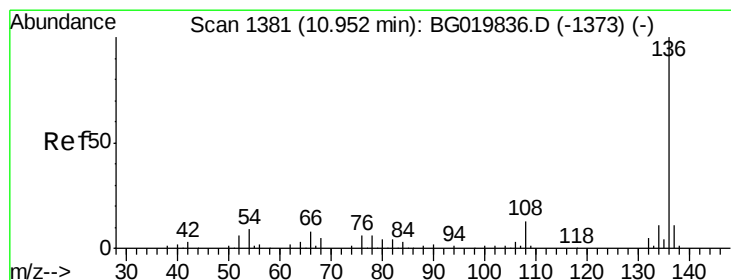
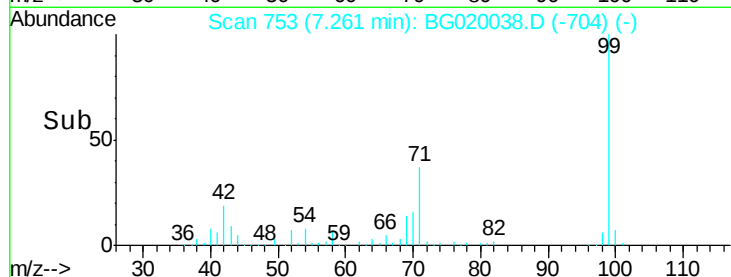
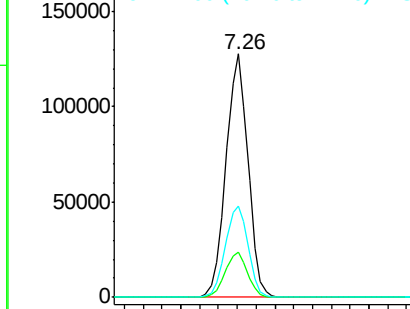
99 100

42 18.5 11.5 17.3#

71 37.4 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# 1377

Delta R.T. -0.02 min

Lab File: BG020038.D

Acq: 9 Dec 2015 11:20

Tgt Ion: 136 Resp: 90521

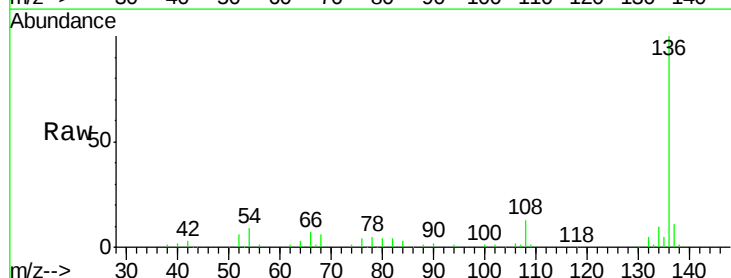
Ion Ratio Lower Upper

136 100

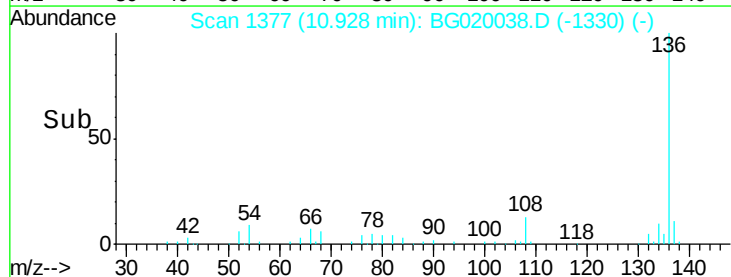
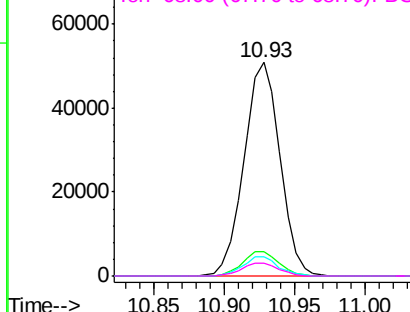
137 11.4 8.6 12.8

54 9.2 5.4 8.2#

68 6.0 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

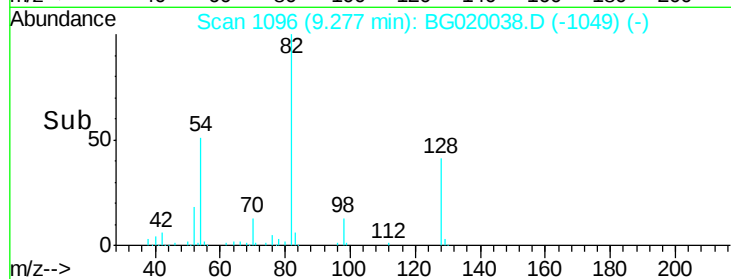
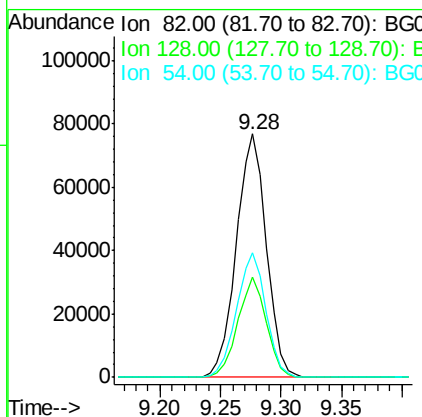
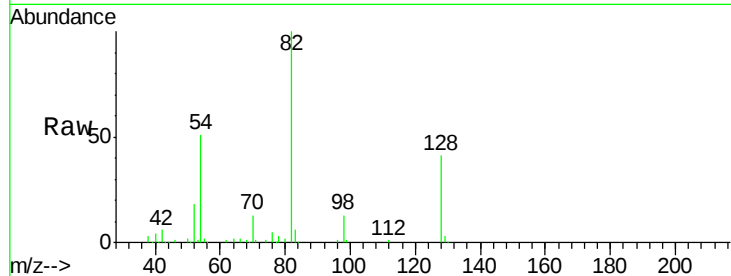




#23
Nitrobenzene-d5
Concen: 74.83 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020038.D
Acq: 9 Dec 2015 11:20

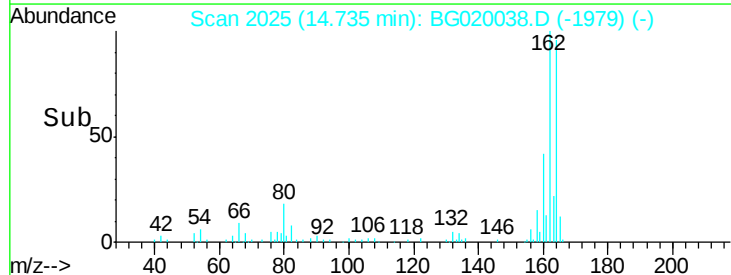
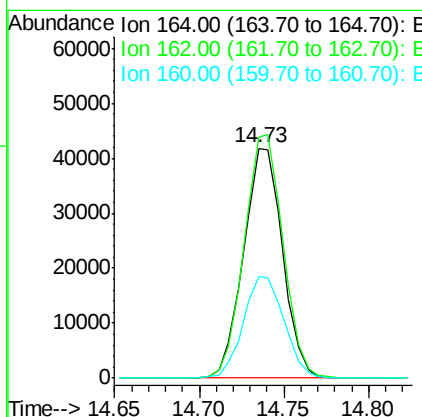
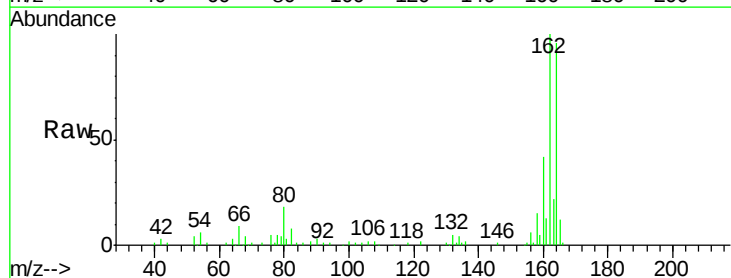
Instrument :
BNA_G
ClientSampleId :
PB87142BL

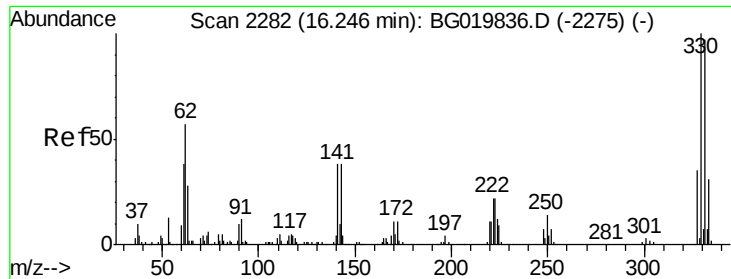
Tgt Ion: 82 Resp: 132723
Ion Ratio Lower Upper
82 100
128 41.0 36.7 55.1
54 51.2 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020038.D
Acq: 9 Dec 2015 11:20

Tgt Ion: 164 Resp: 66877
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 44.4 36.4 54.6

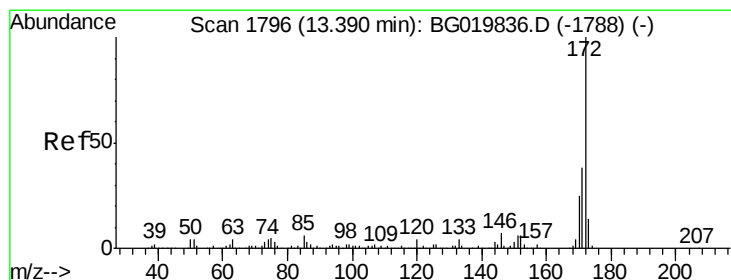
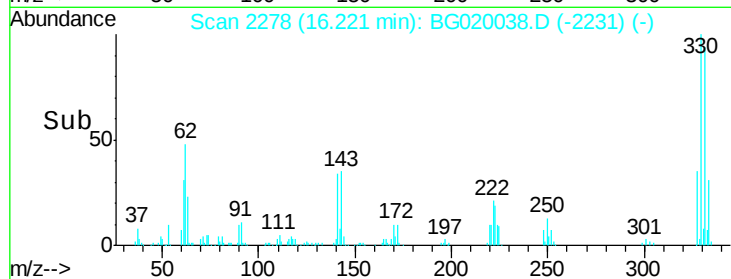
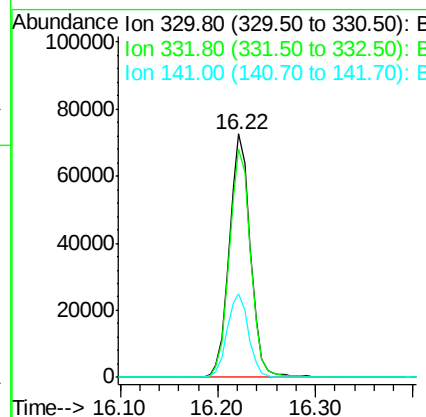
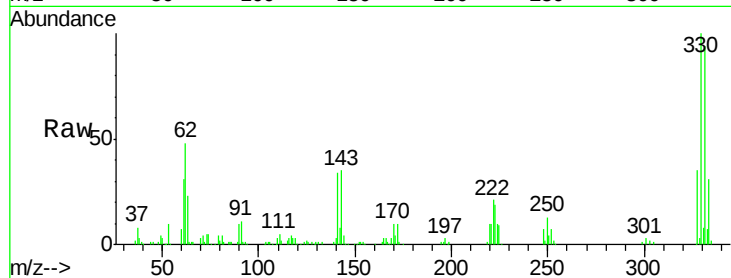




#41
 2,4,6-Tribromophenol
 Concen: 106.10 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

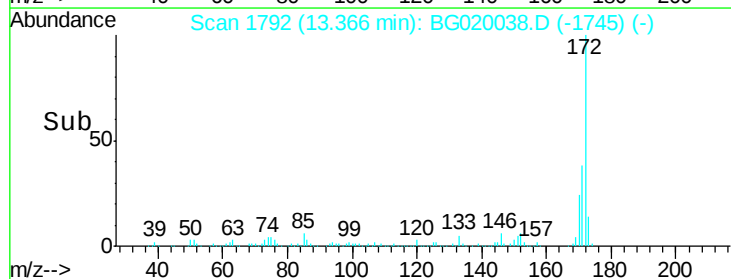
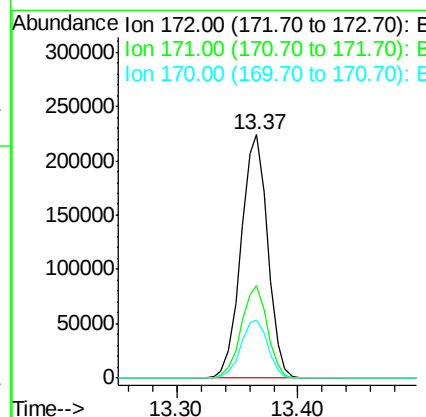
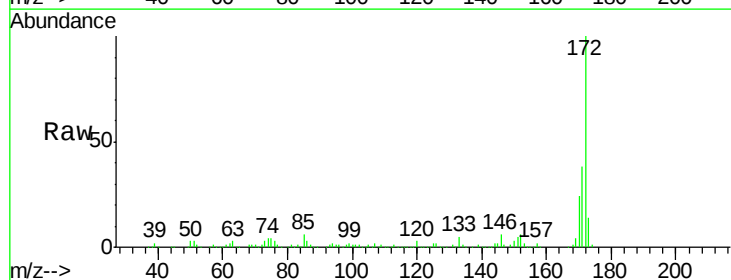
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.1	117.1
141	34.6	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	23.9	19.9	29.9

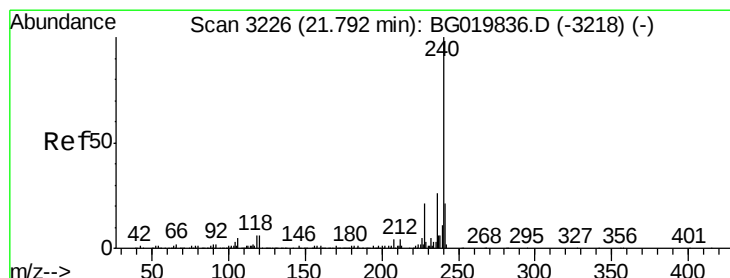
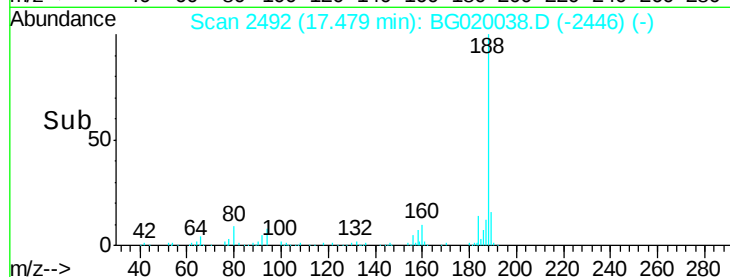
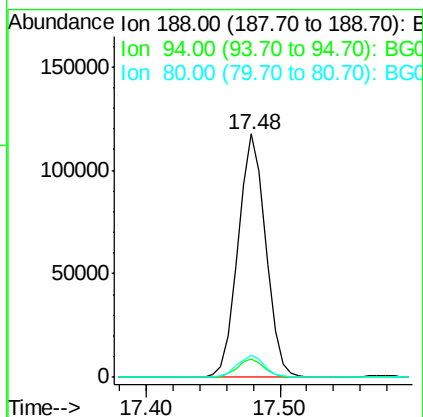
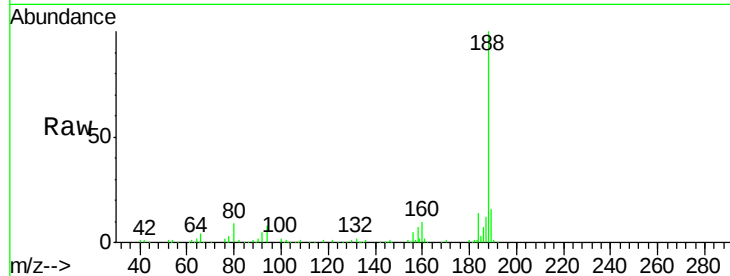




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020038.D
Acq: 9 Dec 2015 11:20

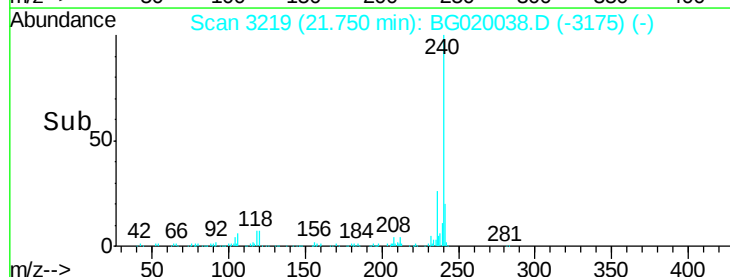
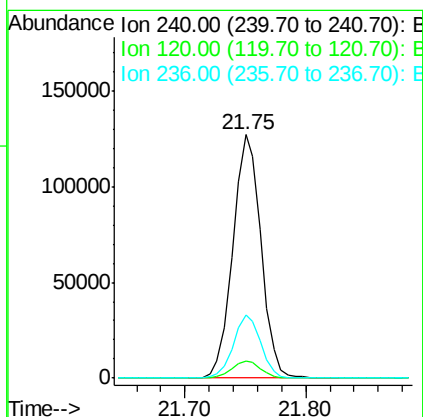
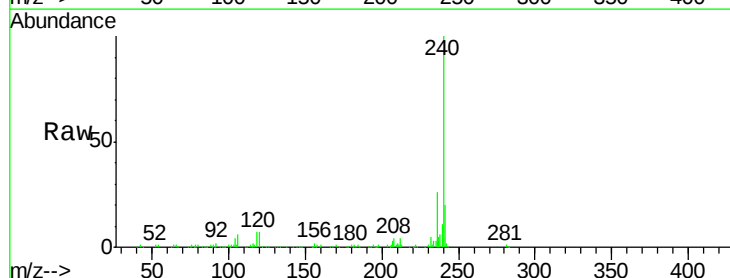
Instrument :
BNA_G
ClientSampleId :
PB87142BL

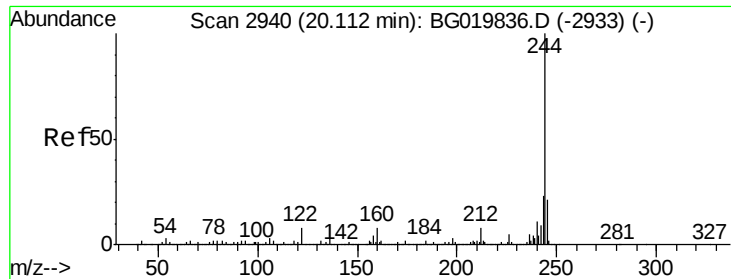
Tgt Ion:188 Resp: 168436
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 9.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020038.D
Acq: 9 Dec 2015 11:20

Tgt Ion:240 Resp: 206365
Ion Ratio Lower Upper
240 100
120 6.8 7.4 11.0#
236 25.9 20.7 31.1

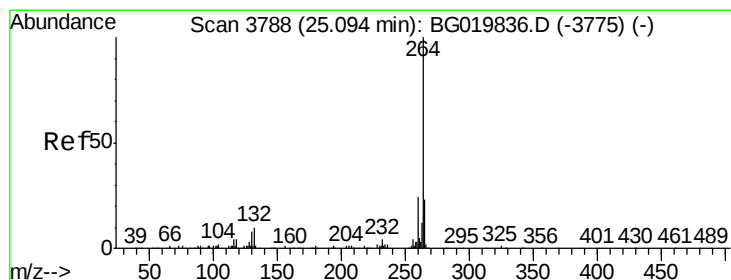
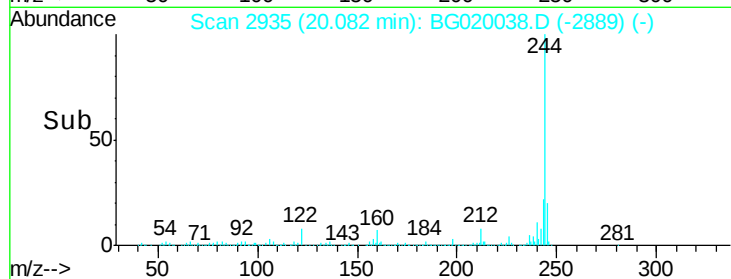
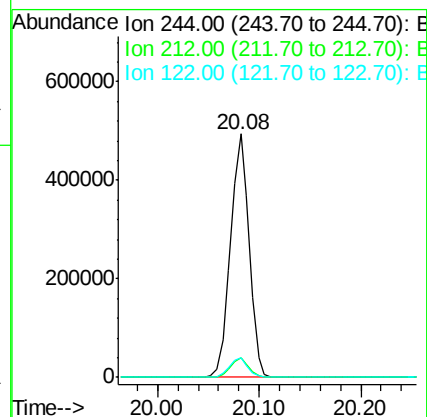
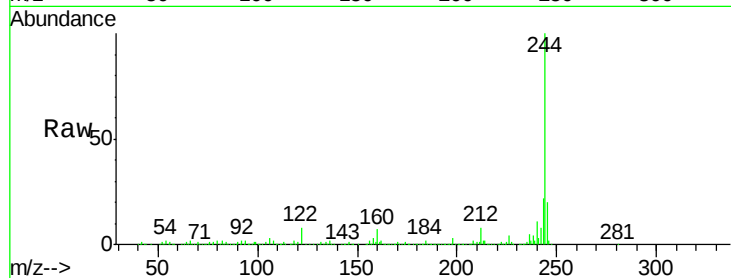




#78
 Terphenyl-d14
 Concen: 74.43 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	8.0	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.07 min
 Lab File: BG020038.D
 Acq: 9 Dec 2015 11:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	20.8	17.2	25.8

