

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020100.D
 Acq On : 11 Dec 2015 8:01
 Operator : UM/SJ
 Sample : G4729-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 10:45:21 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	18371	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	81872	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	55559	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	135950	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	168417	20.00	ng	-0.04
86) Perylene-d12	25.03	264	155122	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	70835	69.69	ng	-0.01
7) Phenol-d6	7.26	99	66316	43.21	ng	-0.02
23) Nitrobenzene-d5	9.28	82	155495	96.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	117052	137.69	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	384624	94.52	ng	-0.02
78) Terphenyl-d14	20.08	244	647038	93.71	ng	-0.03

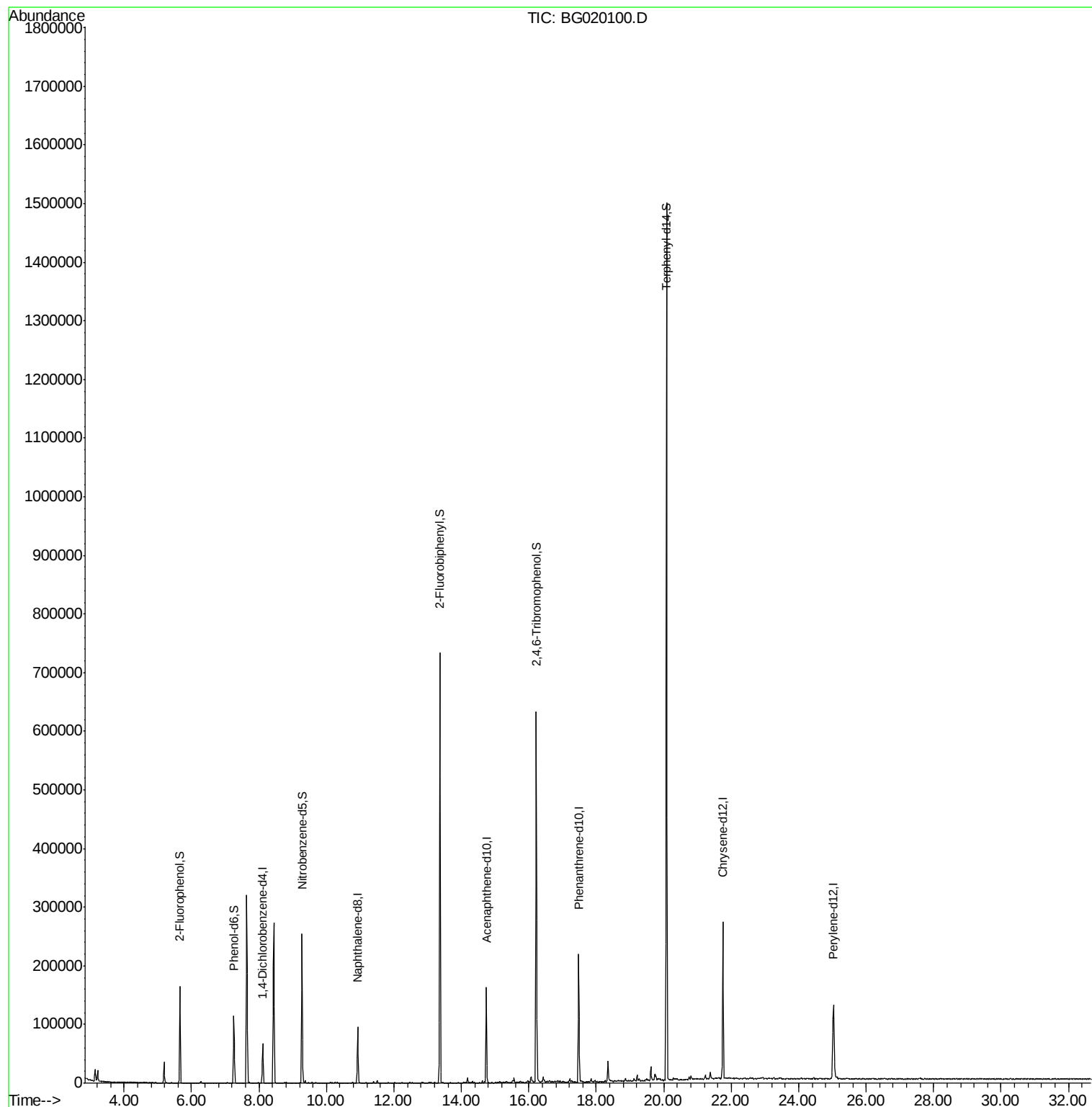
Target Compounds Qvalue

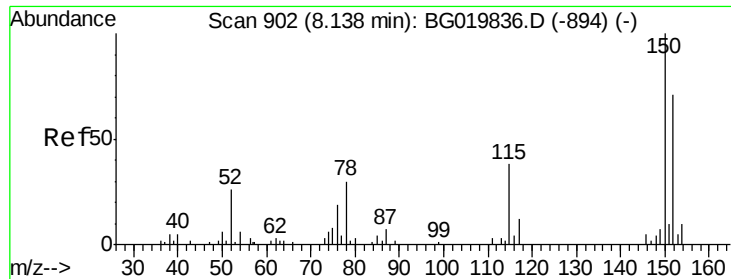
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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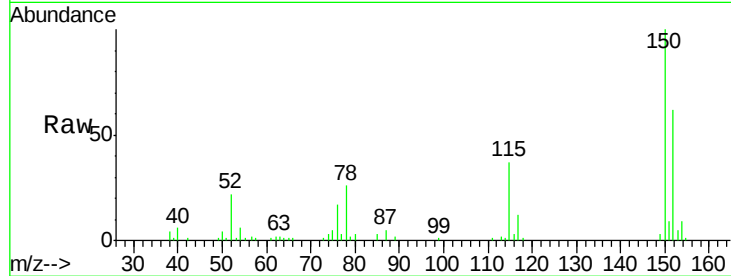


#1

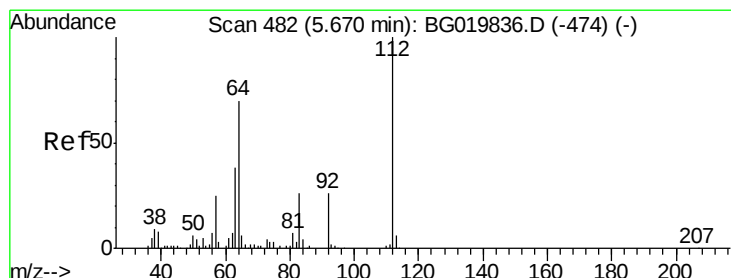
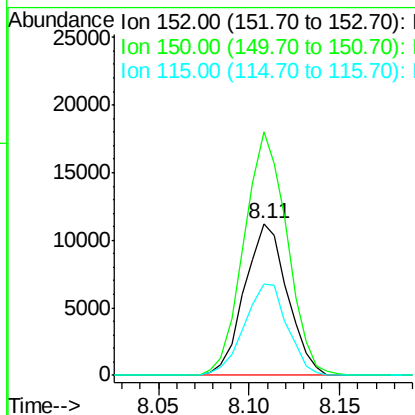
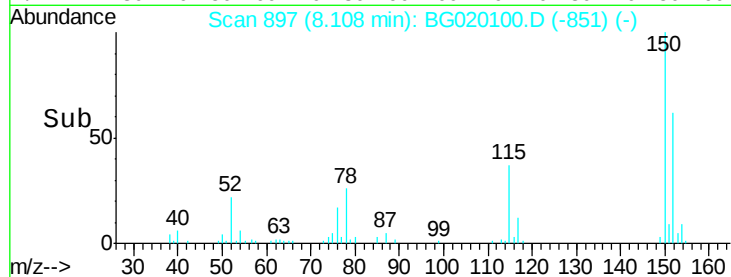
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	115.0	172.4
115	60.0	43.9	65.9



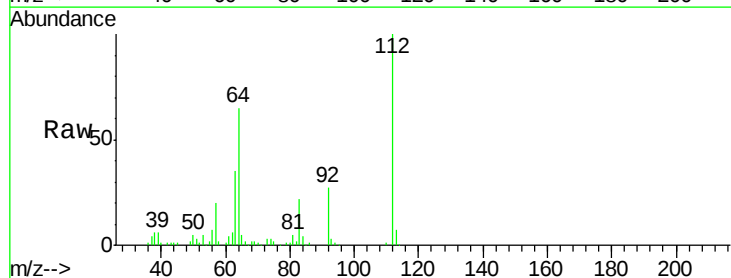
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



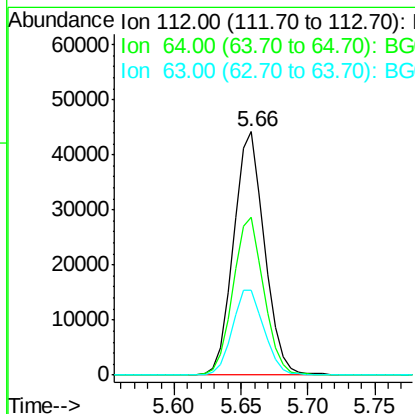
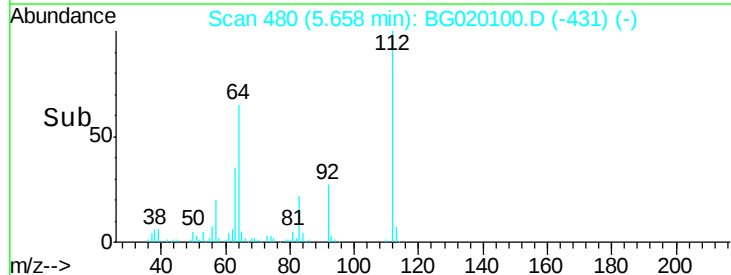
#5

2-Fluorophenol
Concen: 69.69 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	43.7	65.5
63	34.8	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.21 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020100.D

Acq: 11 Dec 2015 8:01

Instrument :

BNA_G

ClientSampleId :

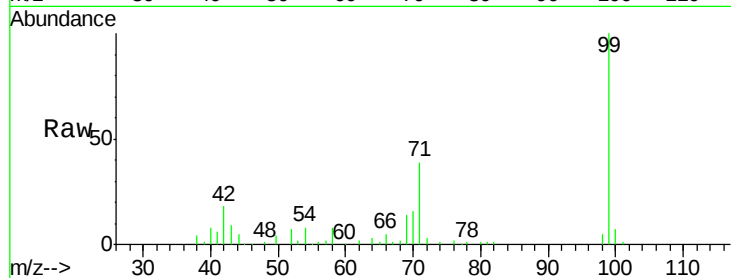
Tot Ion: 99 Resp: 66316

Ion Ratio Lower Upper

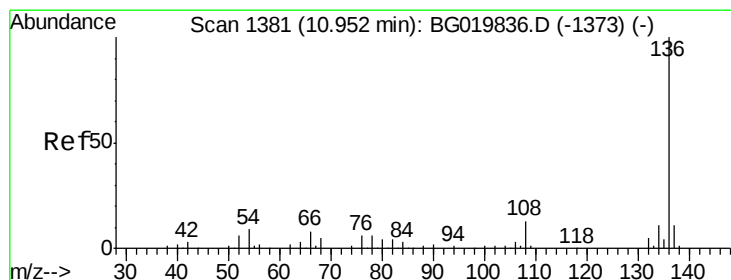
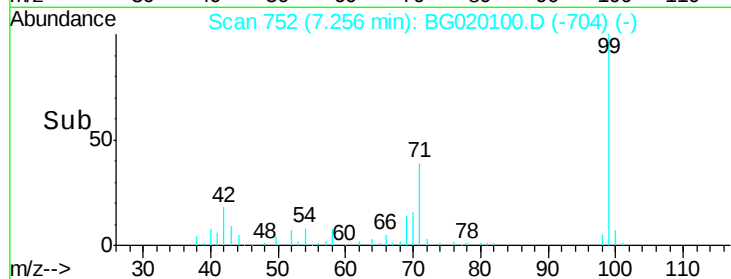
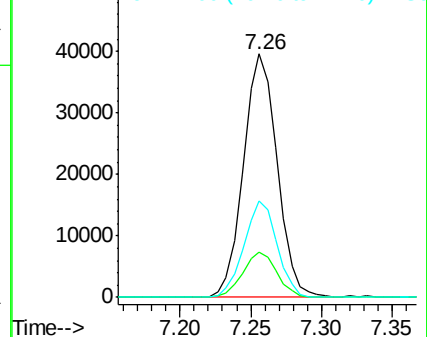
99 100

42 18.4 11.5 17.3#

71 39.4 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: BG020100.D

Acq: 11 Dec 2015 8:01

Tgt Ion: 136 Resp: 81872

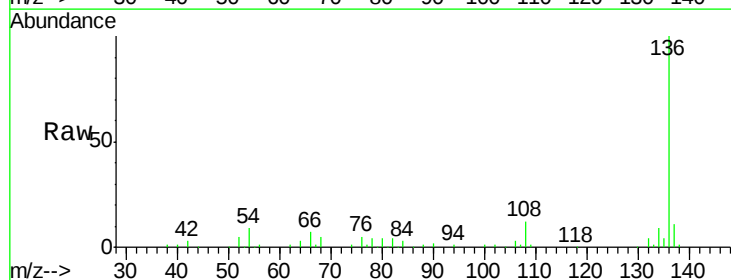
Ion Ratio Lower Upper

136 100

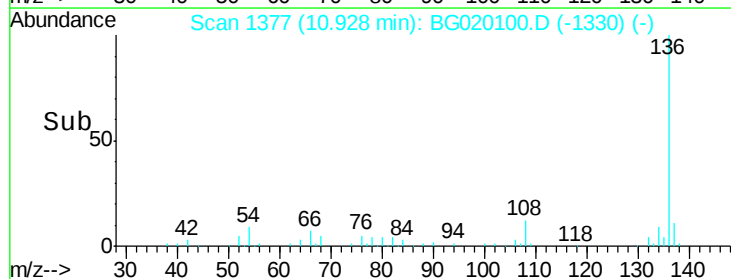
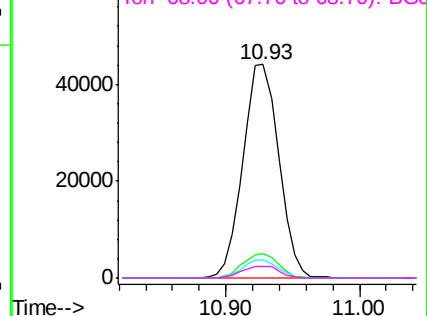
137 11.4 8.6 12.8

54 8.7 5.4 8.2#

68 5.4 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

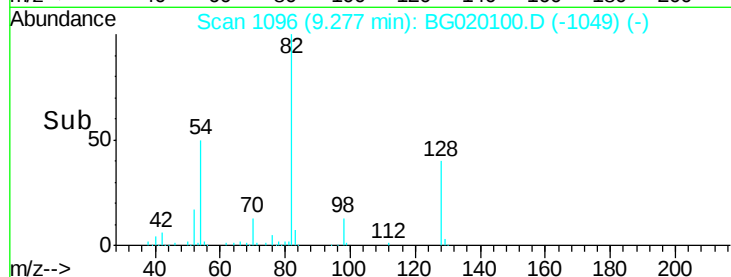
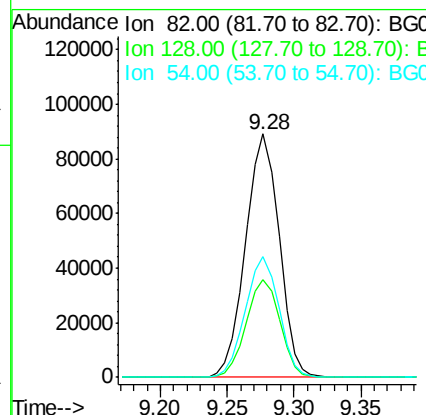
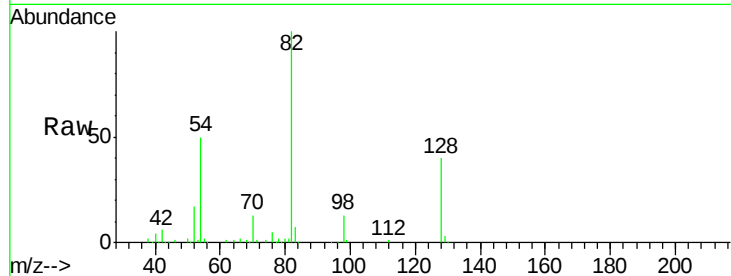




#23
Nitrobenzene-d5
Concen: 96.93 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

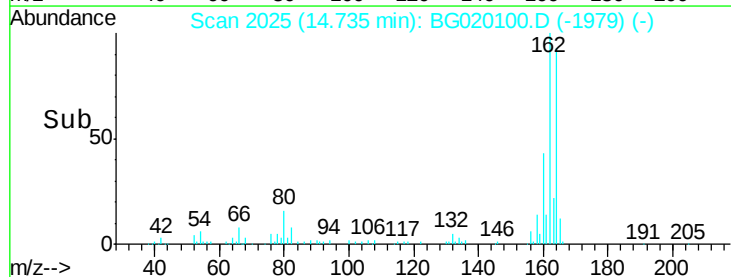
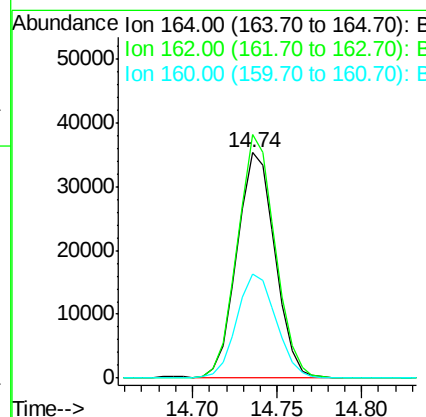
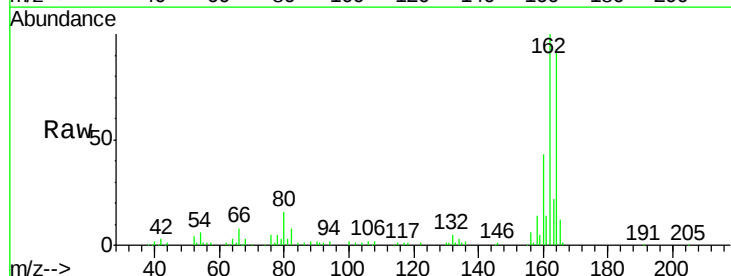
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	155495
Ion Ratio	100	Lower	Upper
128	40.3	36.7	55.1
54	49.7	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion	164	Resp	55559
Ion Ratio	100	Lower	Upper
162	108.0	78.8	118.2
160	46.3	36.4	54.6

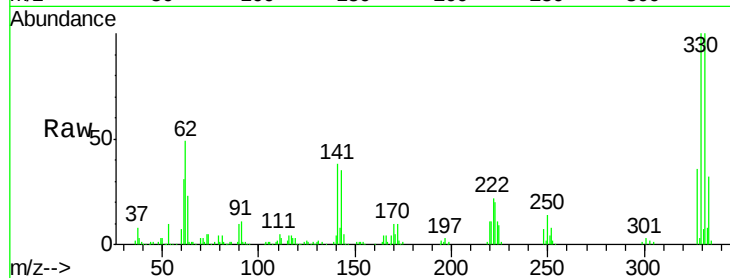




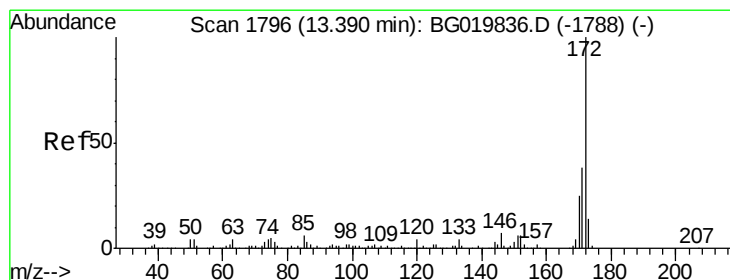
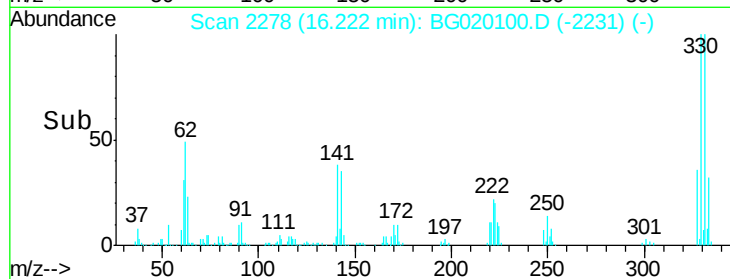
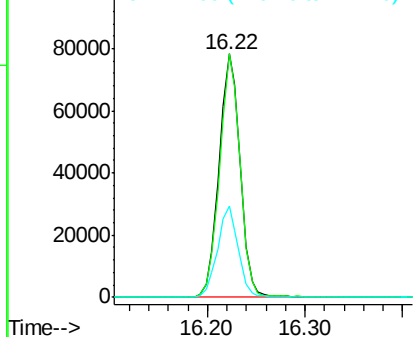
#41
 2,4,6-Tribromophenol
 Concen: 137.69 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020100.D
 Acq: 11 Dec 2015 8:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	36.4	28.2	42.2

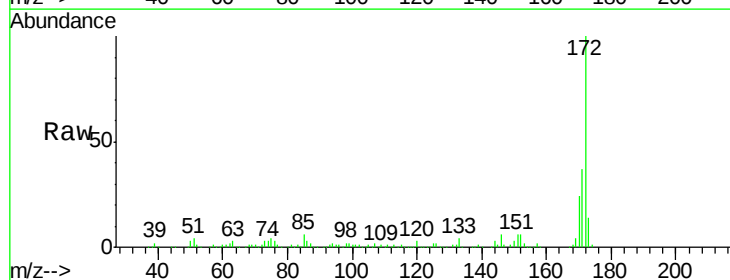


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

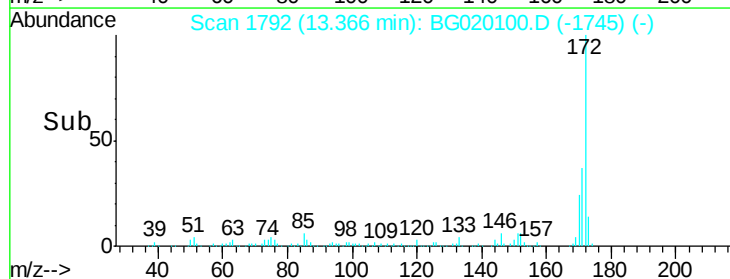
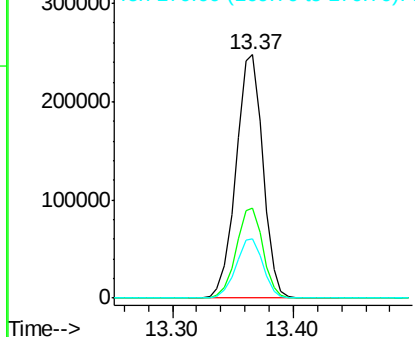


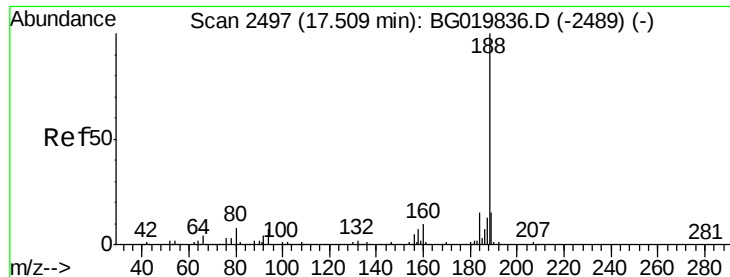
#44
 2-Fluorobiphenyl
 Concen: 94.52 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020100.D
 Acq: 11 Dec 2015 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.3	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

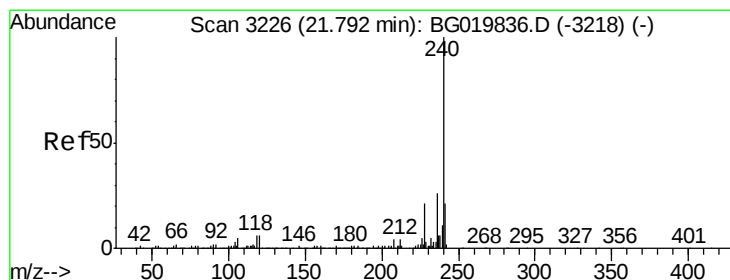
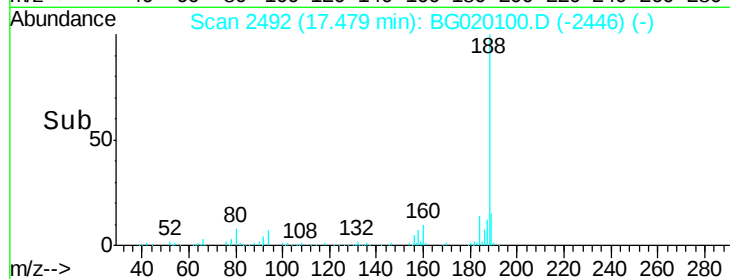
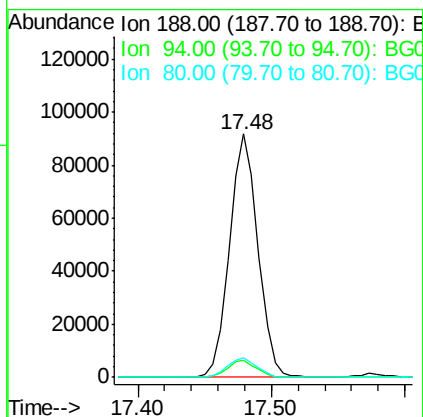
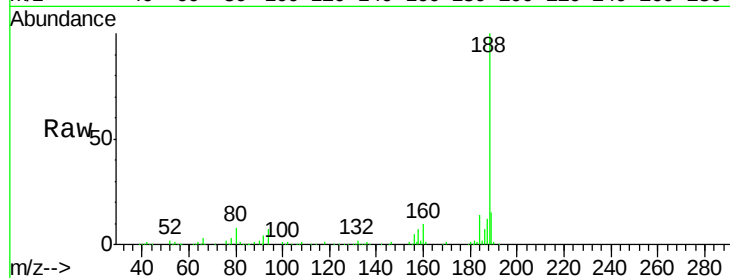




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

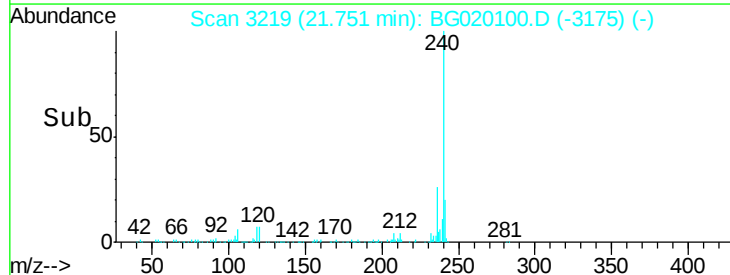
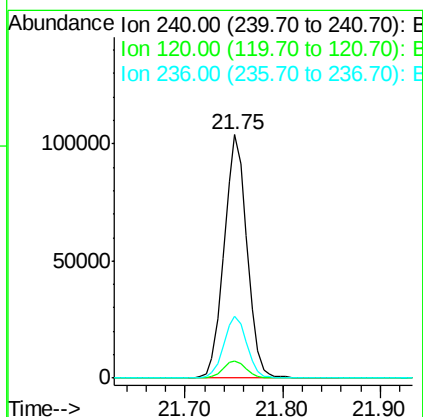
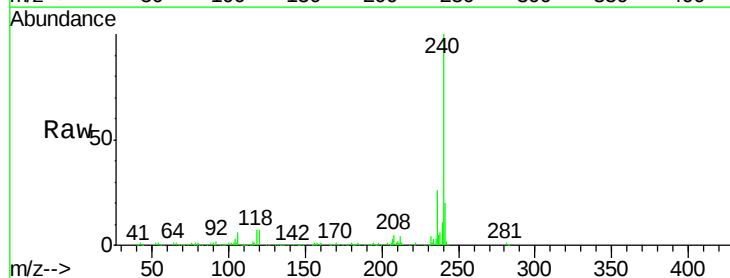
Instrument :
BNA_G
ClientSampleId :

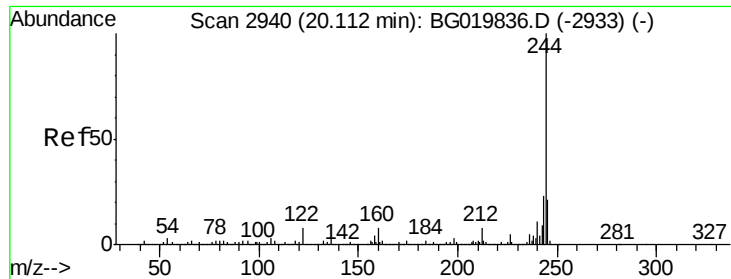
Tot Ion:188 Resp: 135950
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 7.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:240 Resp: 168417
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 93.71 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020100.D

Acq: 11 Dec 2015 8:01

Instrument :

BNA_G

ClientSampleId :

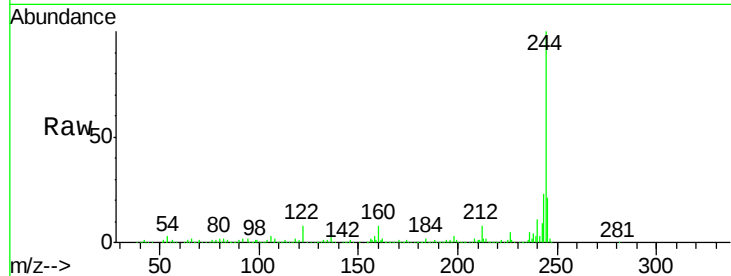
Tot Ion:244 Resp: 647038

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

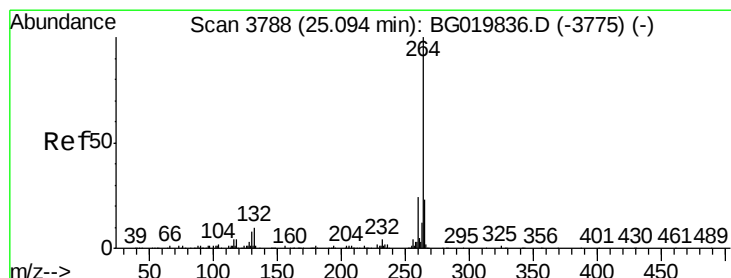
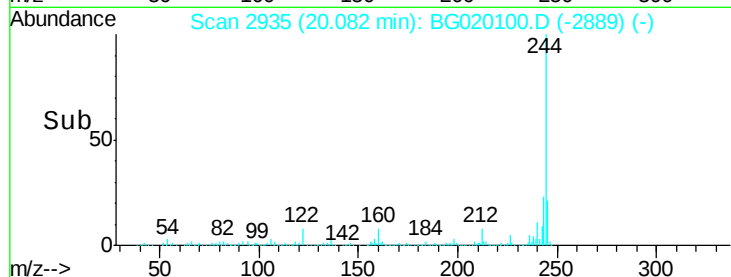
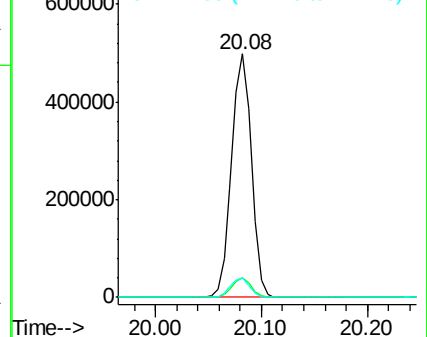
122 8.1 10.2 15.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG020100.D

Acq: 11 Dec 2015 8:01

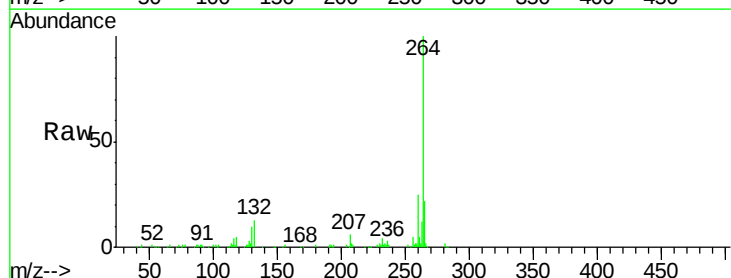
Tgt Ion:264 Resp: 155122

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

