

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020101.D
 Acq On : 11 Dec 2015 8:39
 Operator : UM/SJ
 Sample : G4729-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-12

Quant Time: Dec 11 10:50:21 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

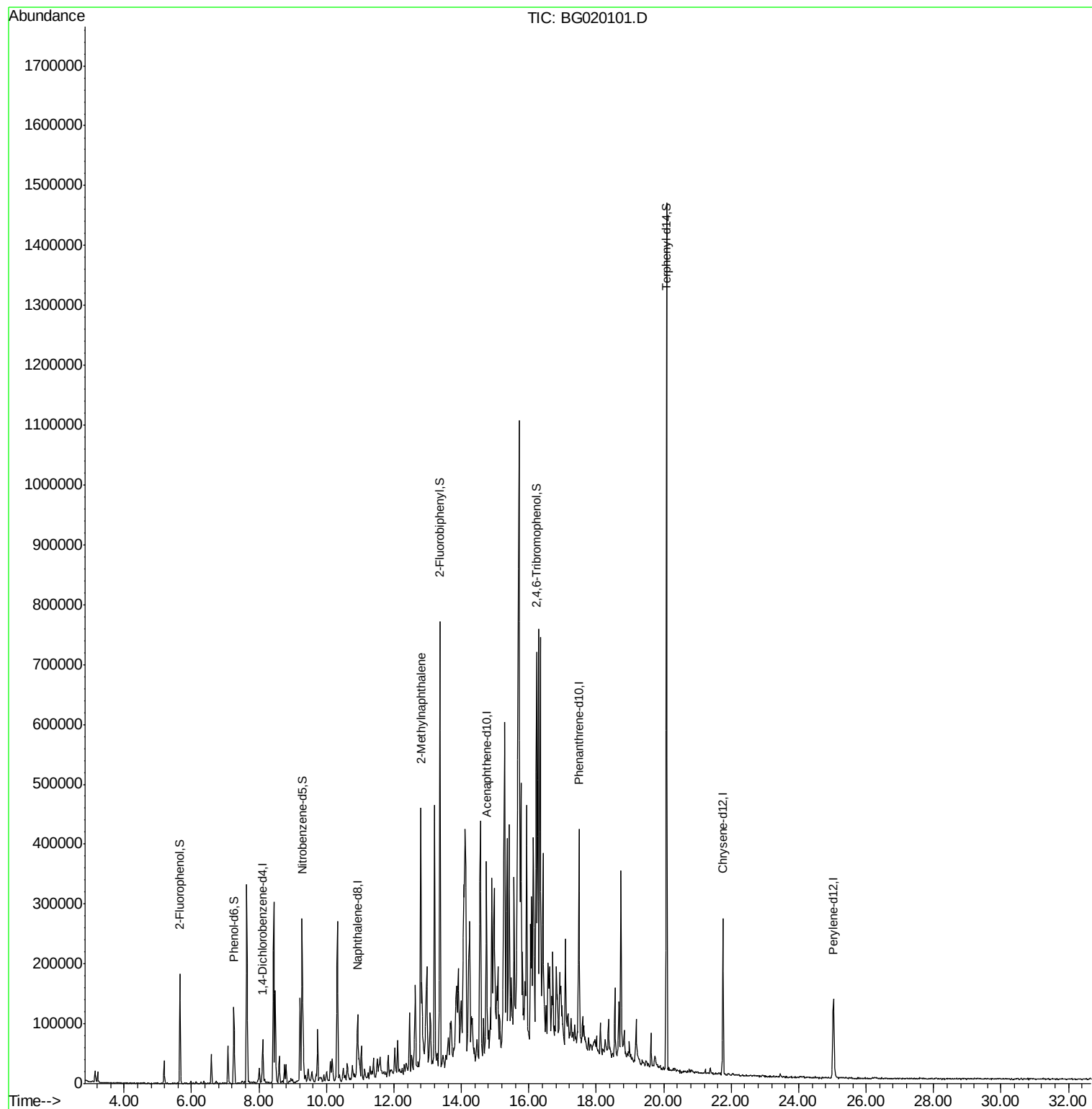
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19400	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	82821	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	73741	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	131057	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167642	20.00	ng	-0.04
86) Perylene-d12	25.03	264	157019	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78532	73.16	ng	-0.01
7) Phenol-d6	7.26	99	74616	46.04	ng	-0.02
23) Nitrobenzene-d5	9.28	82	163237	100.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	117098	103.78	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	383351	70.98	ng	-0.02
78) Terphenyl-d14	20.08	244	626822	91.20	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	12.80	142	187300	57.60	ng	Qvalue # 94

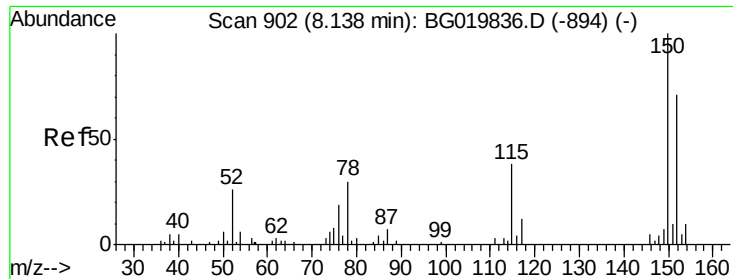
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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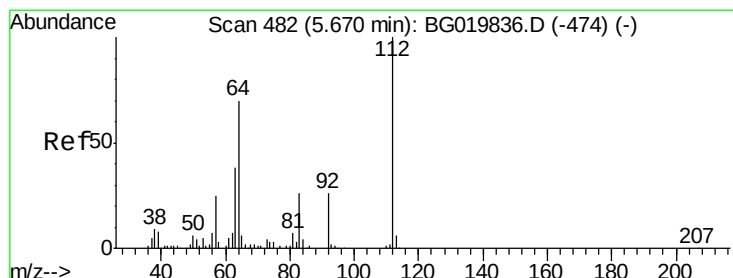
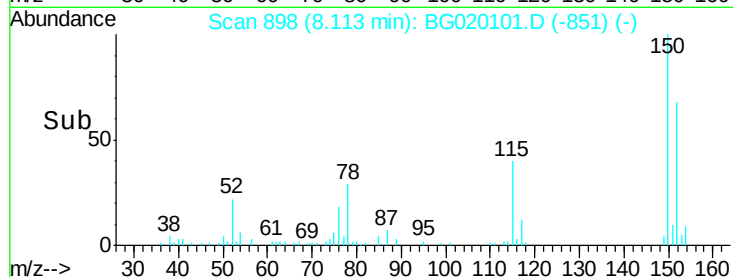
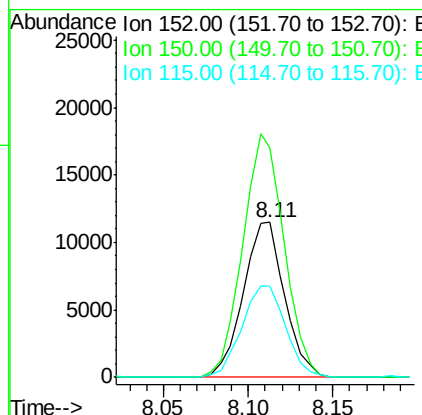
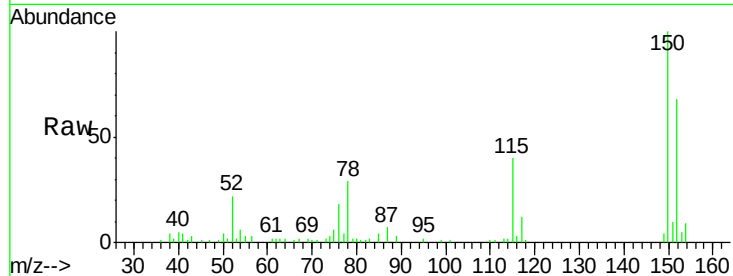




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG020101.D
 Acq: 11 Dec 2015 8:39

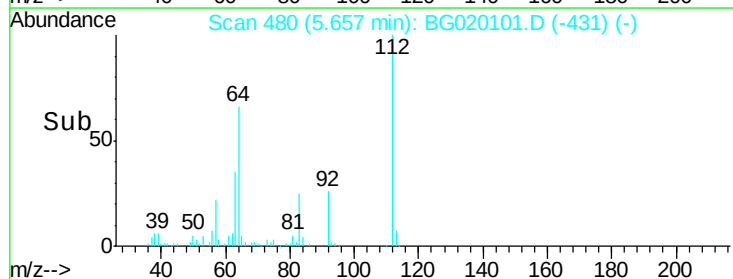
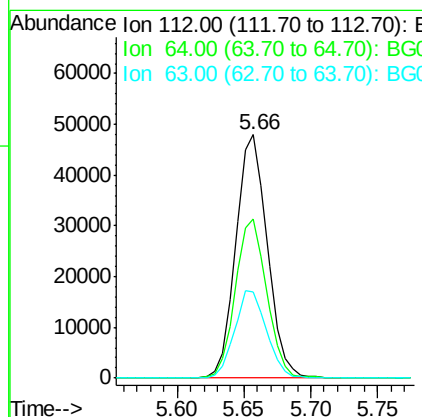
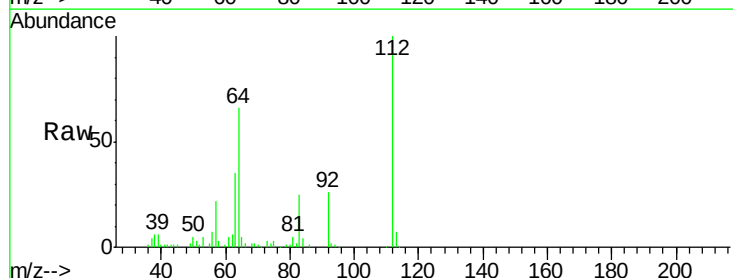
Instrument :
 BNA_G
 ClientSampleId :
 W-12

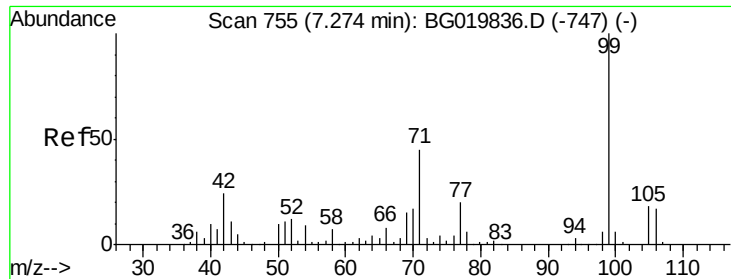
Tot Ion:152 Resp: 19400
 Ion Ratio Lower Upper
 152 100
 150 147.9 115.0 172.4
 115 58.7 43.9 65.9



#5
 2-Fluorophenol
 Concen: 73.16 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020101.D
 Acq: 11 Dec 2015 8:39

Tgt Ion:112 Resp: 78532
 Ion Ratio Lower Upper
 112 100
 64 65.6 43.7 65.5#
 63 35.1 24.0 36.0





#7

Phenol-d6

Concen: 46.04 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020101.D

Acq: 11 Dec 2015 8:39

Instrument :

BNA_G

ClientSampleId :

W-12

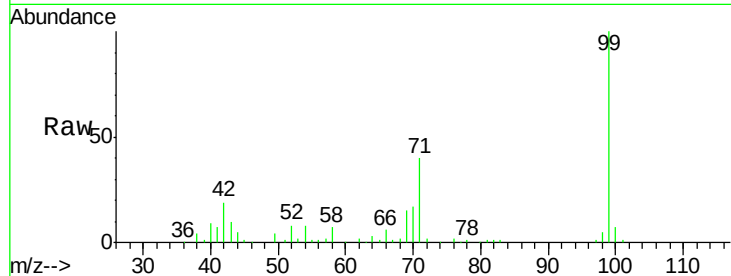
Tot Ion: 99 Resp: 74616

Ion Ratio Lower Upper

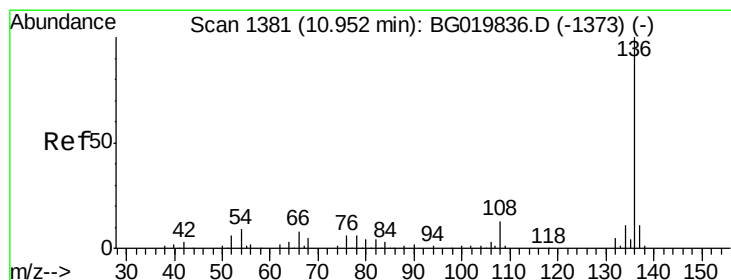
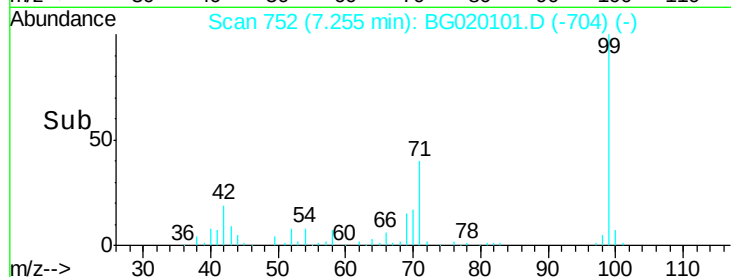
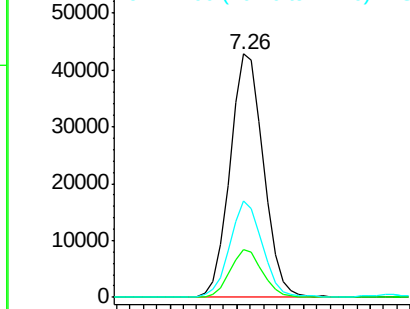
99 100

42 19.5 11.5 17.3#

71 39.6 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: BG020101.D

Acq: 11 Dec 2015 8:39

Tgt Ion: 136 Resp: 82821

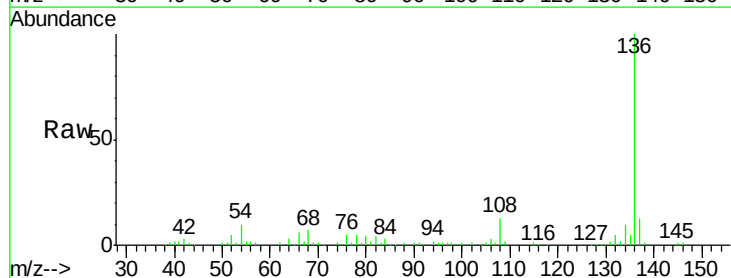
Ion Ratio Lower Upper

136 100

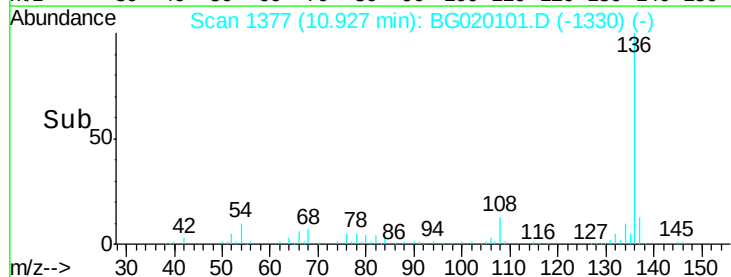
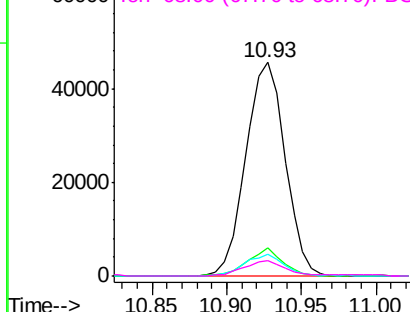
137 12.9 8.6 12.8#

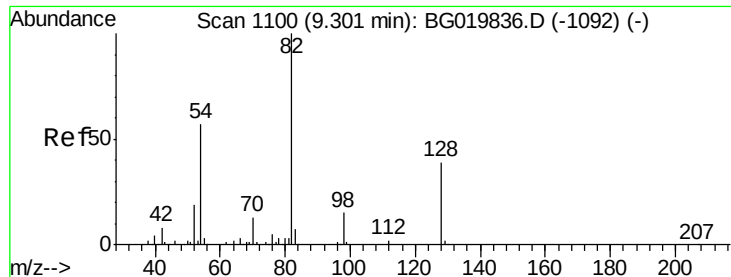
54 10.3 5.4 8.2#

68 7.4 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

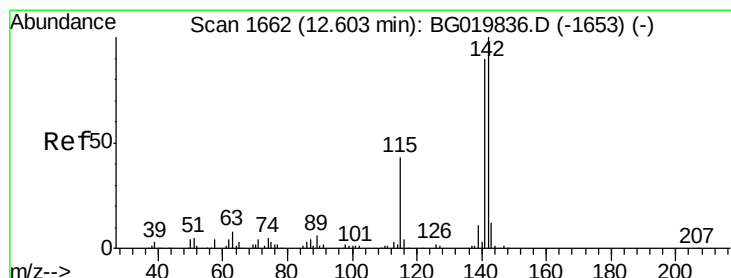
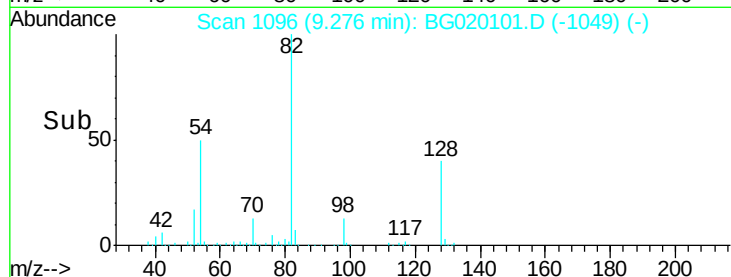
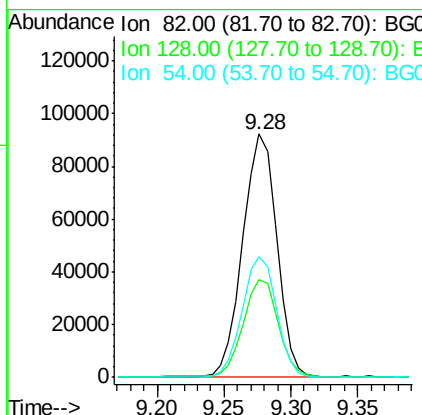
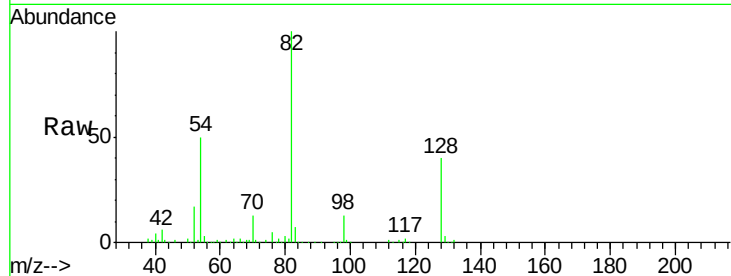




#23
 Nitrobenzene-d5
 Concen: 100.59 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020101.D
 Acq: 11 Dec 2015 8:39

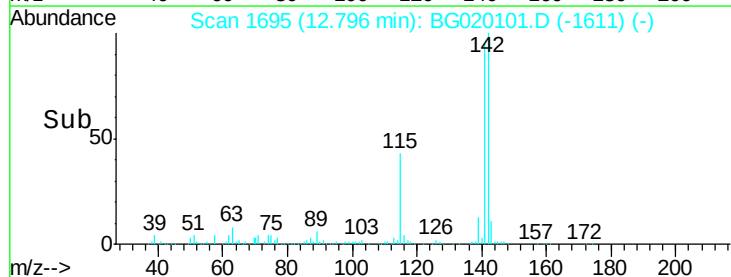
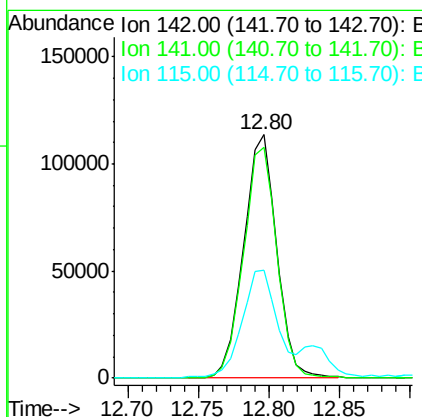
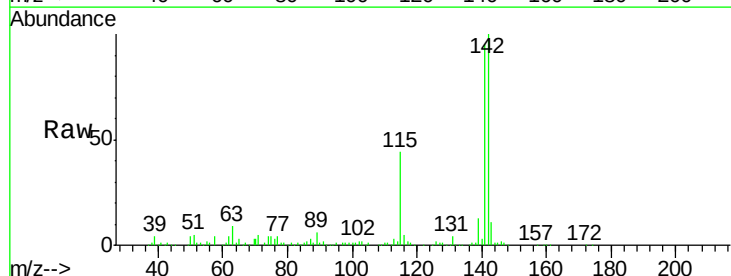
Instrument :
 BNA_G
 ClientSampleId :
 W-12

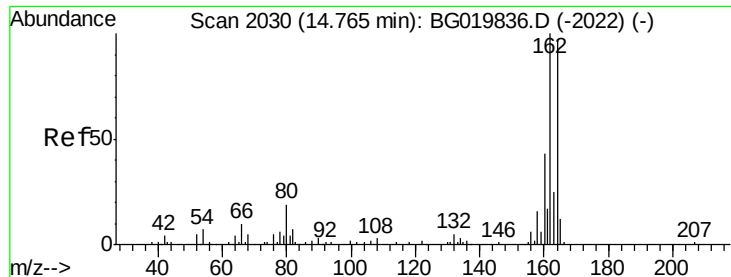
Tot Ion	82	Resp	163237
Ion Ratio	Lower	Upper	
82	100		
128	40.2	36.7	55.1
54	49.8	33.8	50.8



#37
 2-Methylnaphthalene
 Concen: 57.60 ng
 RT: 12.80 min Scan# 1695
 Delta R.T. 0.19 min
 Lab File: BG020101.D
 Acq: 11 Dec 2015 8:39

Tgt Ion	142	Resp	187300
Ion Ratio	Lower	Upper	
142	100		
141	95.0	74.6	112.0
115	44.3	27.4	41.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020101.D

Acq: 11 Dec 2015 8:39

Instrument :

BNA_G

ClientSampled :

W-12

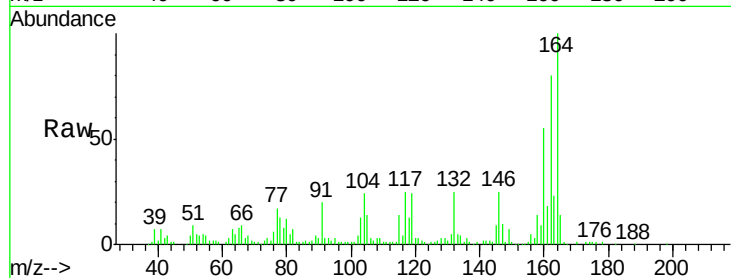
Tot Ion:164 Resp: 73741

Ion Ratio Lower Upper

164 100

162 80.1 78.8 118.2

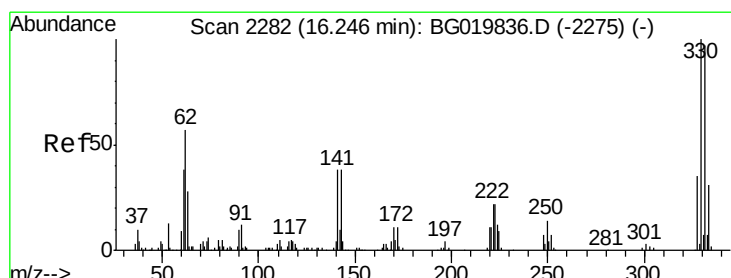
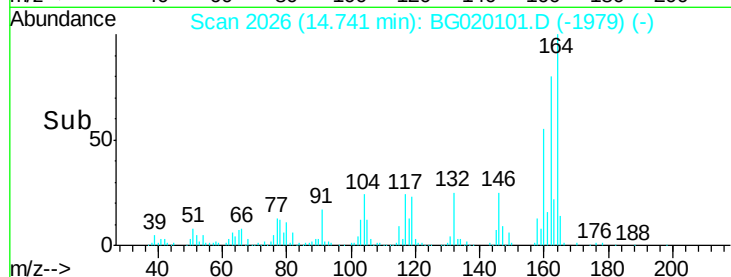
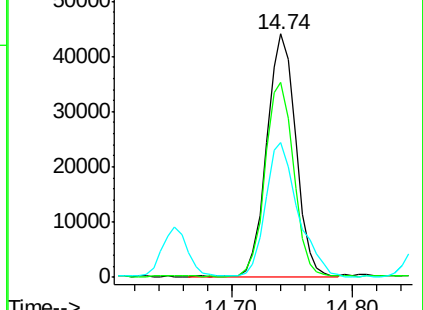
160 55.3 36.4 54.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.78 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020101.D

Acq: 11 Dec 2015 8:39

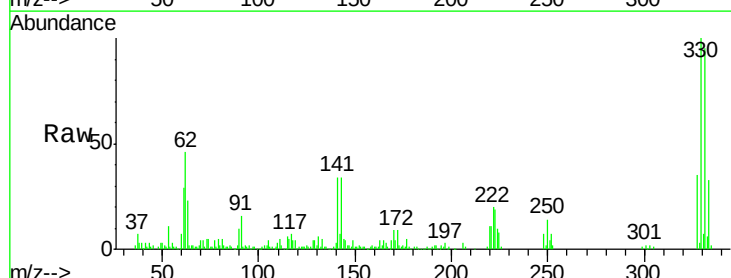
Tgt Ion:330 Resp: 117098

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

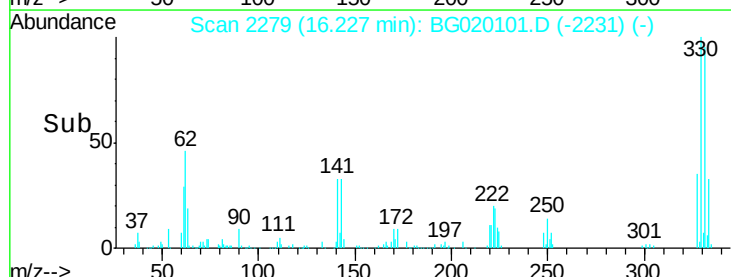
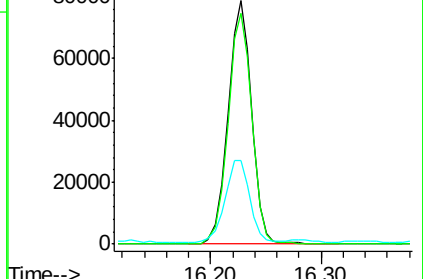
141 36.1 28.2 42.2

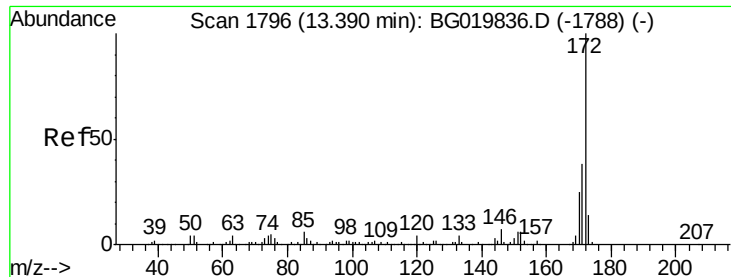


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

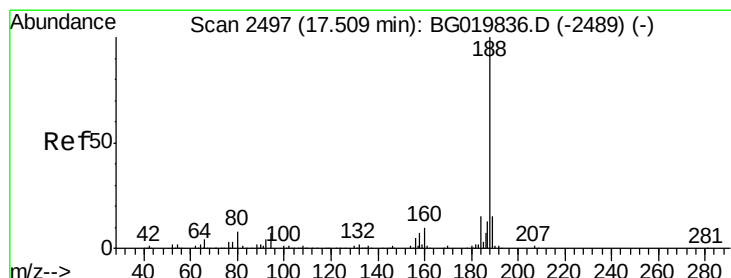
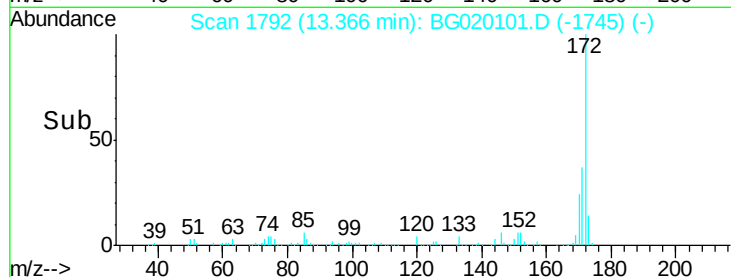
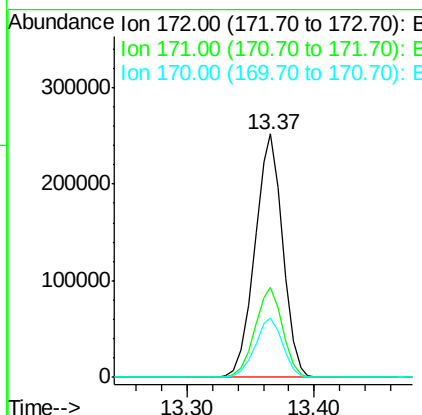
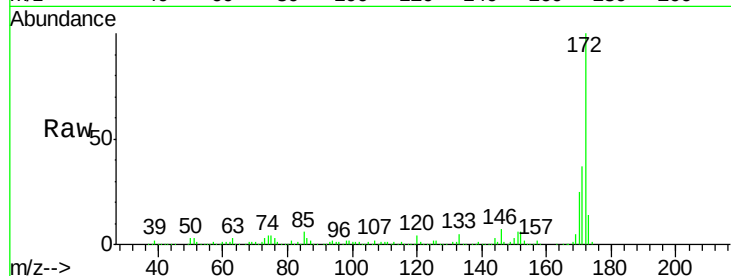




#44
2-Fluorobiphenyl
Concen: 70.98 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020101.D
Acq: 11 Dec 2015 8:39

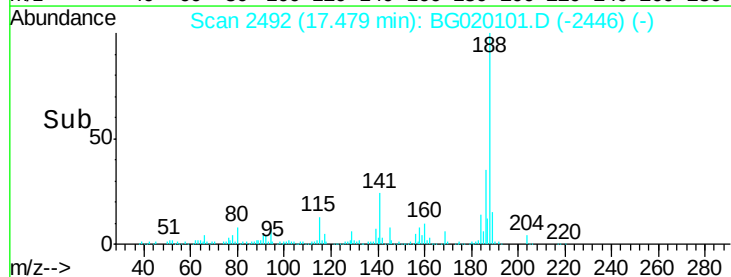
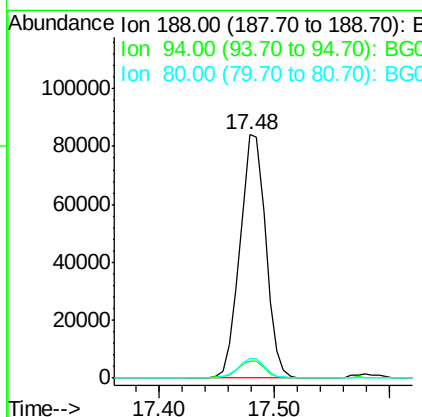
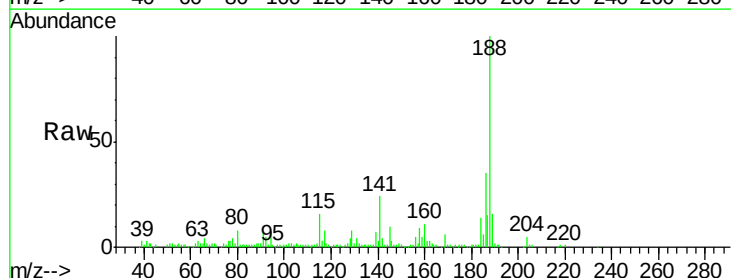
Instrument :
BNA_G
ClientSampleId :
W-12

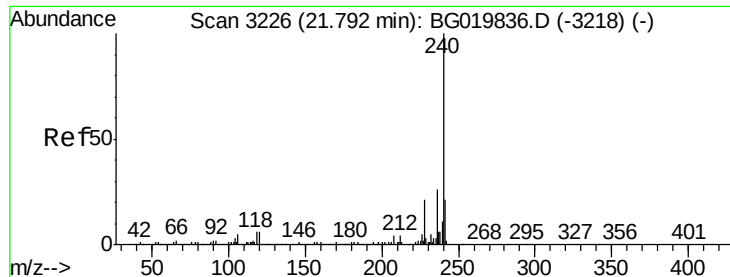
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.5	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020101.D
Acq: 11 Dec 2015 8:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	8.3	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: BG020101.D

Acq: 11 Dec 2015 8:39

Instrument :

BNA_G

ClientSampleId :

W-12

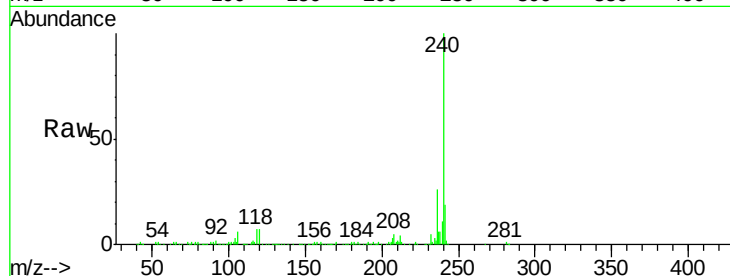
Tot Ion:240 Resp: 167642

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

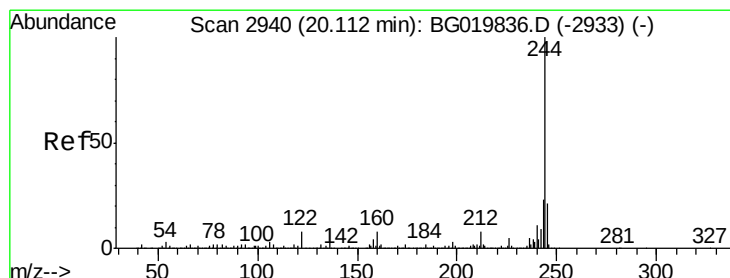
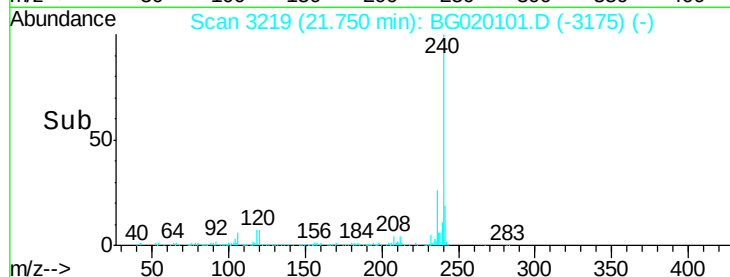
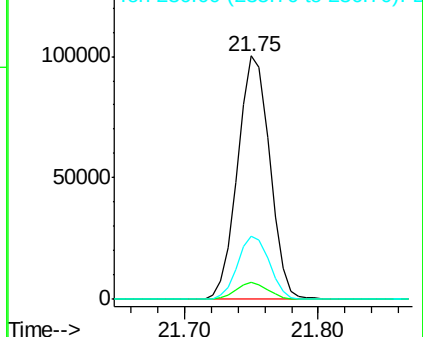
236 26.1 20.7 31.1



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: 91.20 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020101.D

Acq: 11 Dec 2015 8:39

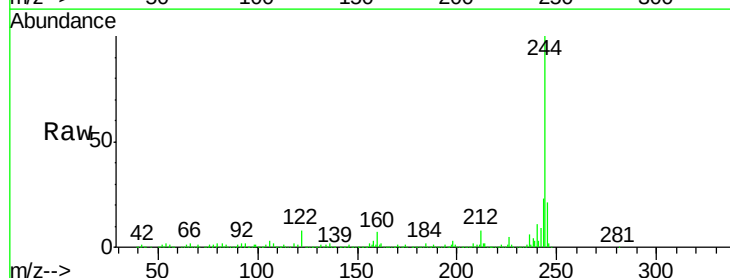
Tgt Ion:244 Resp: 626822

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

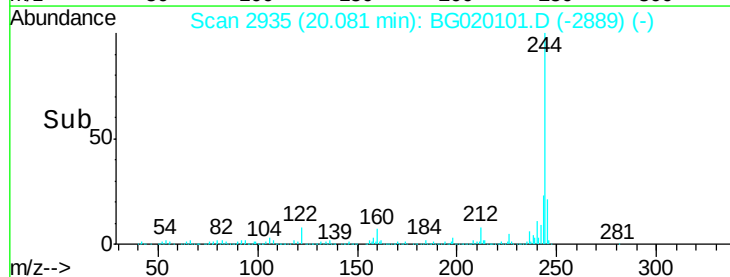
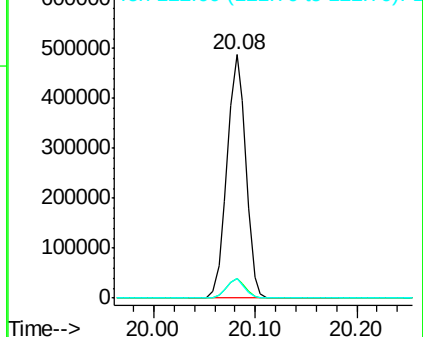
122 7.9 10.2 15.2#

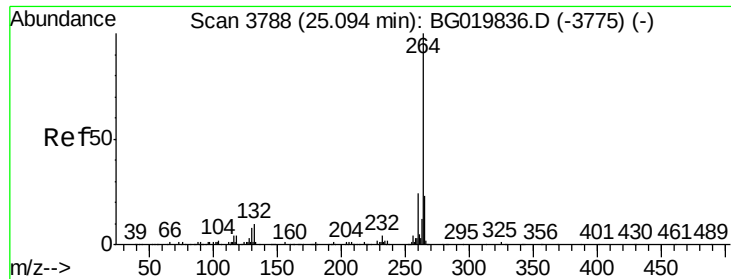


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

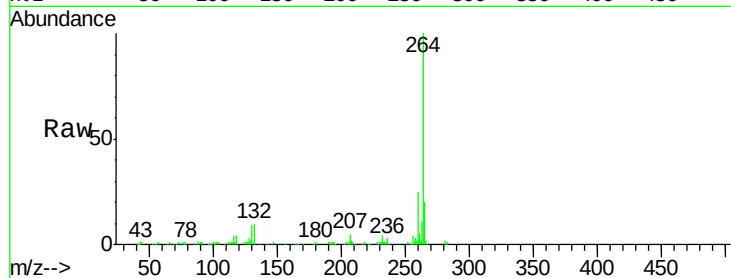




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.07 min
Lab File: BG020101.D
Acq: 11 Dec 2015 8:39

Instrument :
BNA_G
ClientSampleId :
W-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.5	27.7
265	19.8	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

