

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018620.D
 Acq On : 11 Sep 2015 2:13
 Operator : UM/IZ
 Sample : PB85471BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

Quant Time: Sep 11 04:22:13 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

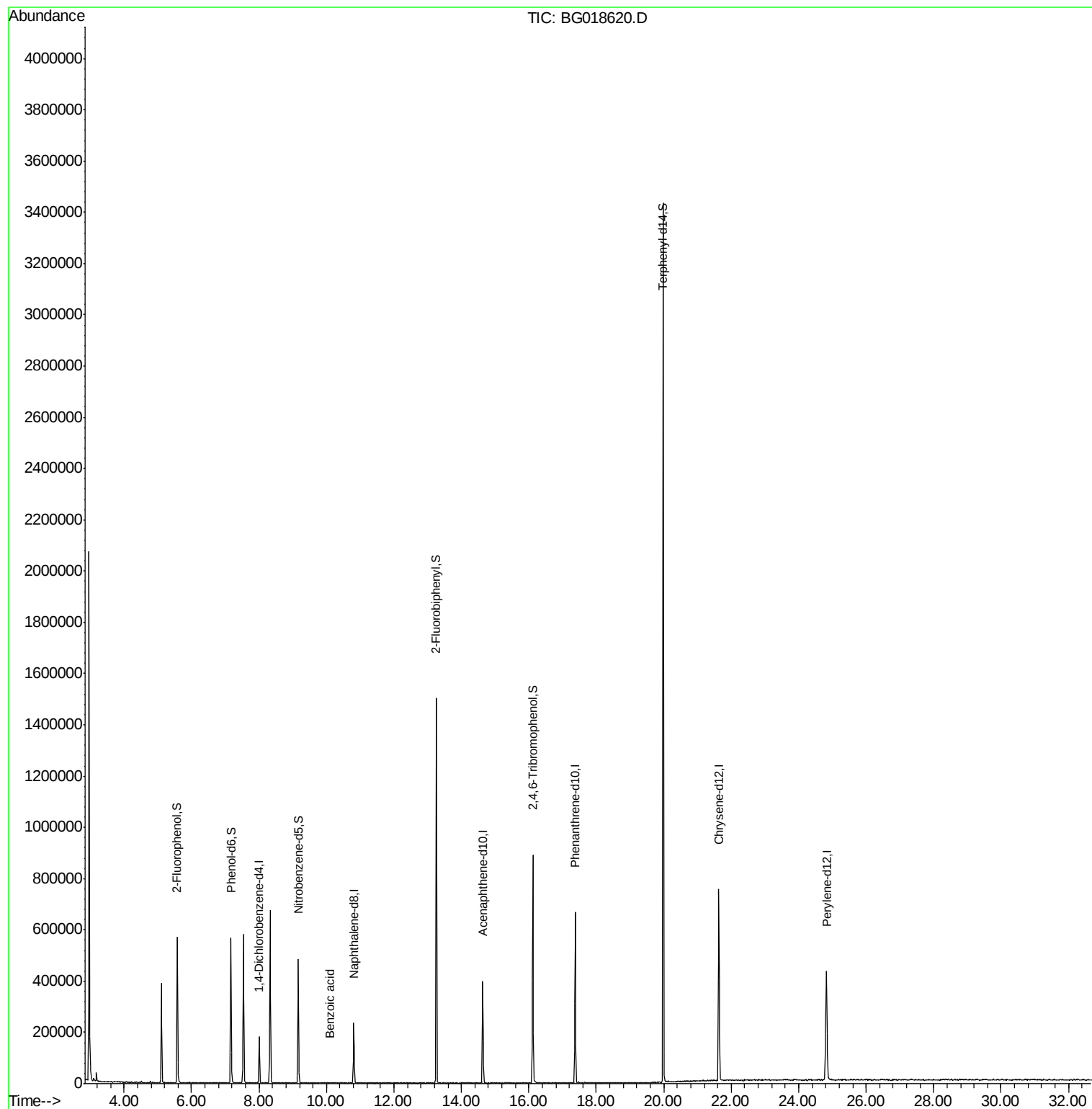
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52280	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	208012	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	138379	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	418063	20.00	ng	0.00
75) Chrysene-d12	21.63	240	461481	20.00	ng	0.00
86) Perylene-d12	24.82	264	453397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	275727	91.11	ng	0.00
7) Phenol-d6	7.17	99	374646	86.34	ng	0.00
23) Nitrobenzene-d5	9.17	82	304923	82.03	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	171098	91.83	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	795900	79.84	ng	0.00
78) Terphenyl-d14	19.98	244	1473780	83.86	ng	0.00
Target Compounds						
32) Benzoic acid	10.12	122	88	7.96	ng	Qvalue # 1

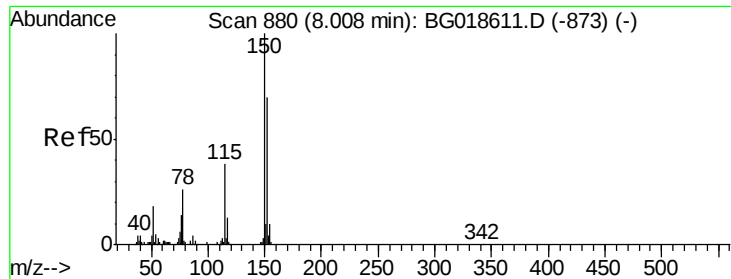
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

Instrument :

BNA_G

ClientSampleId :

PB85471BL

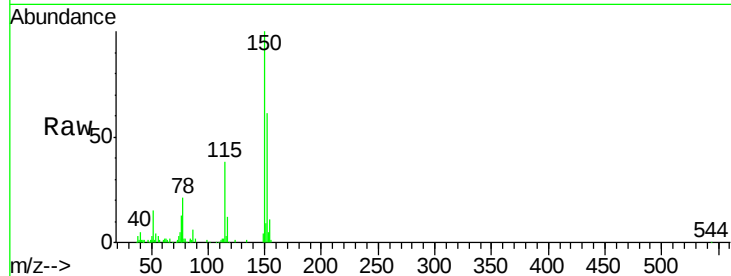
Tot Ion:152 Resp: 52280

Ion Ratio Lower Upper

152 100

150 163.5 115.0 172.4

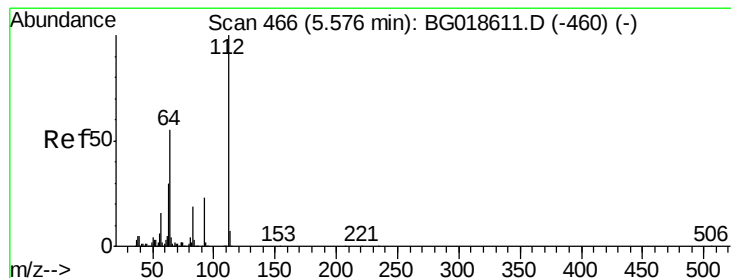
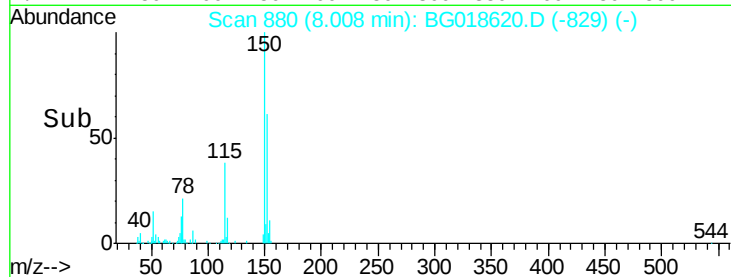
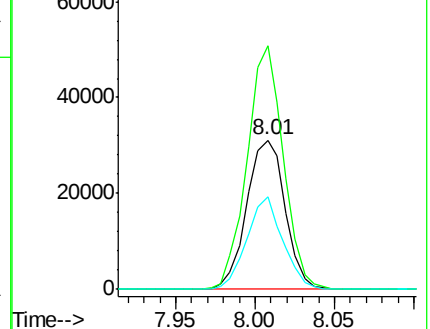
115 62.3 43.9 65.9



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: 91.11 ng

RT: 5.58 min Scan# 467

Delta R.T. 0.01 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

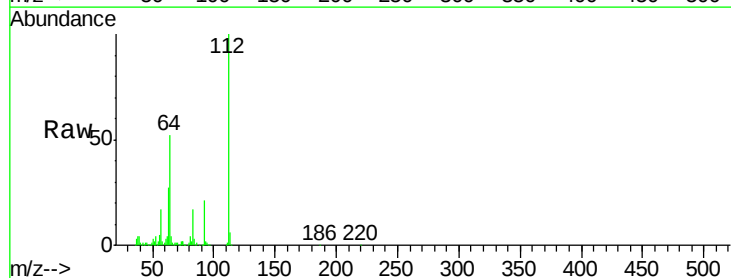
Tgt Ion:112 Resp: 275727

Ion Ratio Lower Upper

112 100

64 51.8 43.7 65.5

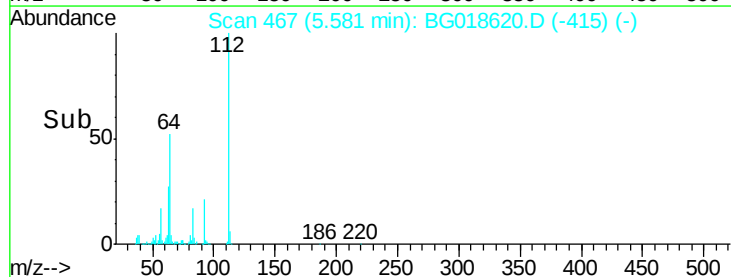
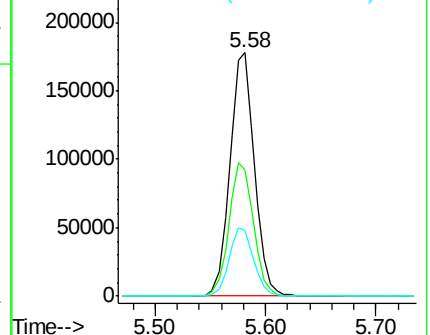
63 27.1 24.0 36.0

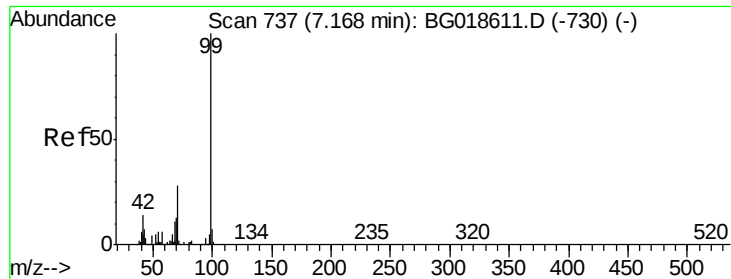


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.34 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

Instrument :

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PB85471BL

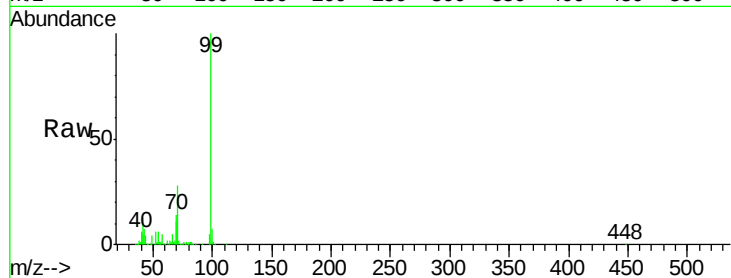
Tot Ion: 99 Resp: 374646

Ion Ratio Lower Upper

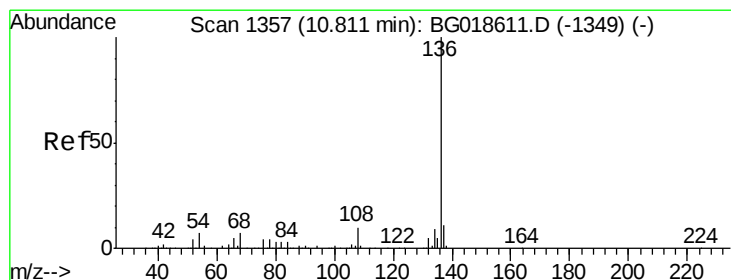
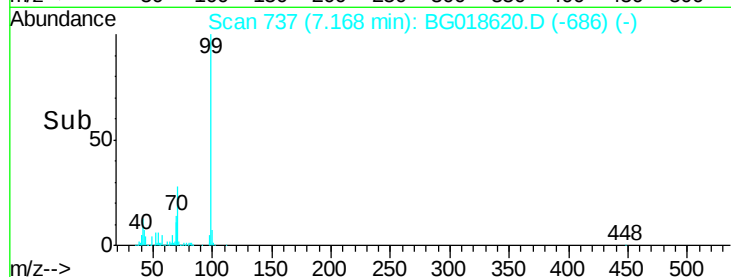
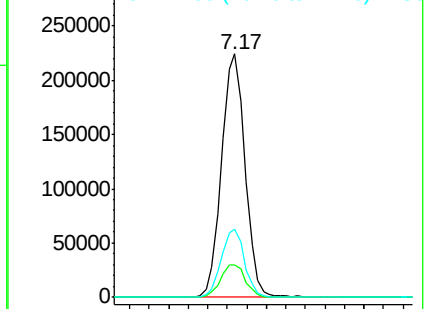
99 100

42 13.4 11.5 17.3

71 28.3 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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

Tgt Ion: 136 Resp: 208012

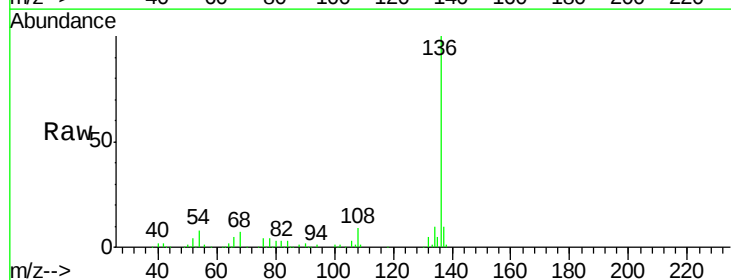
Ion Ratio Lower Upper

136 100

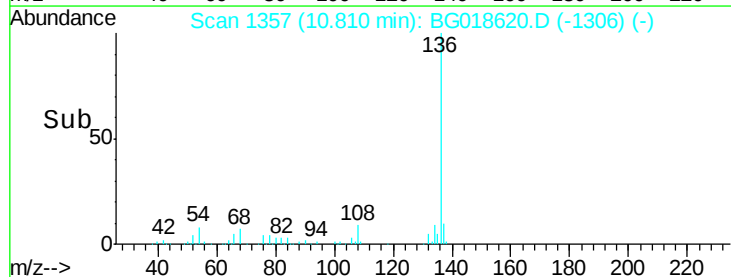
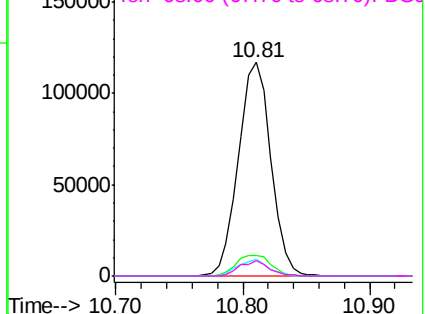
137 9.6 8.6 12.8

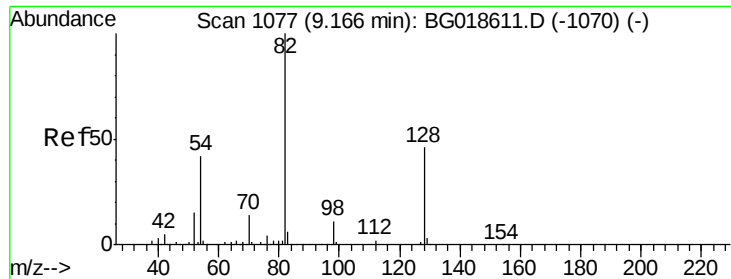
54 7.8 5.4 8.2

68 7.0 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

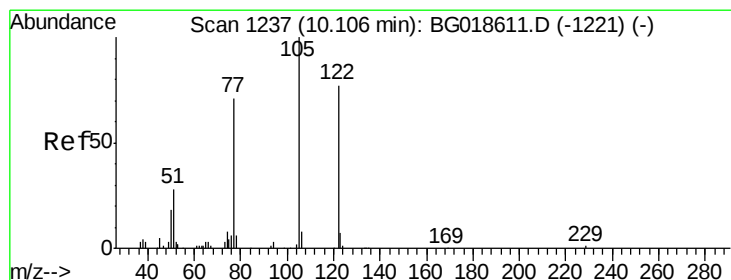
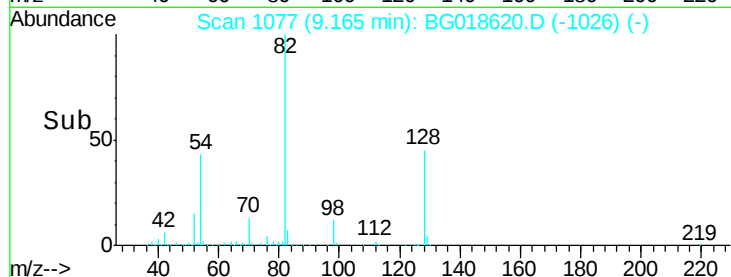
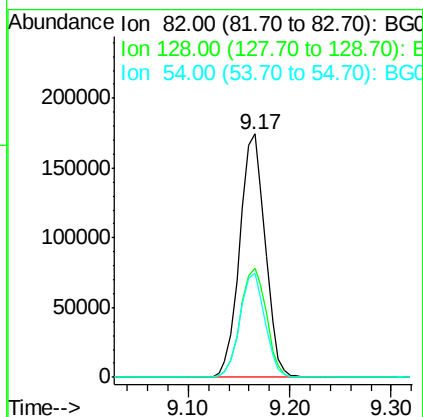
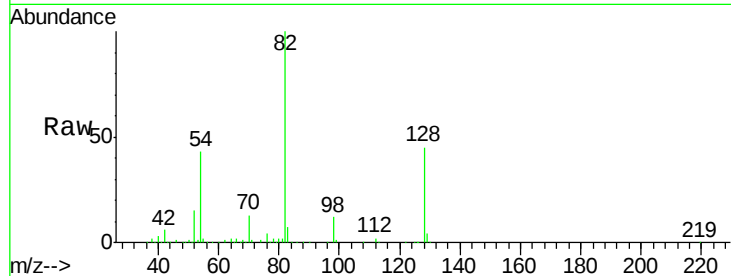




#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

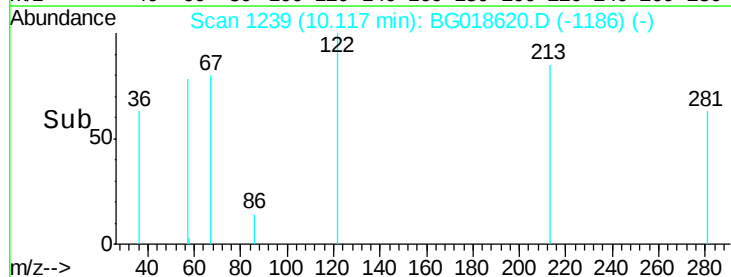
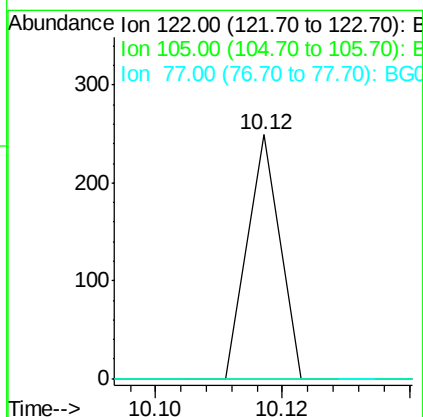
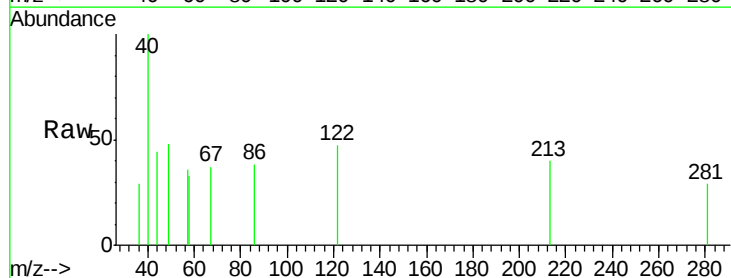
Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

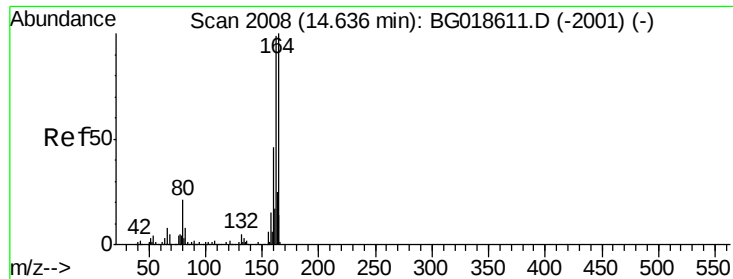
Tot Ion	82	Resp	304923
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.7	55.1
54	42.7	33.8	50.8



#32
 Benzoic acid
 Concen: 7.96 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

Tgt Ion	122	Resp	88
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

Instrument :

BNA_G

ClientSampleId :

PB85471BL

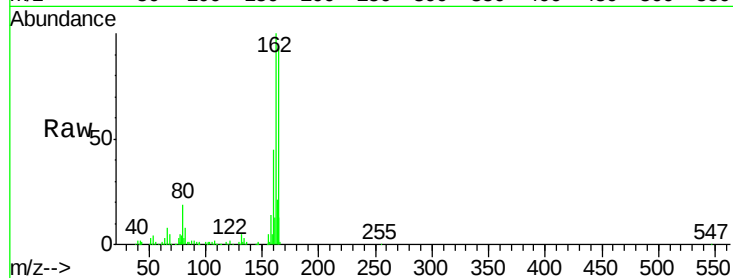
Tot Ion:164 Resp: 138379

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

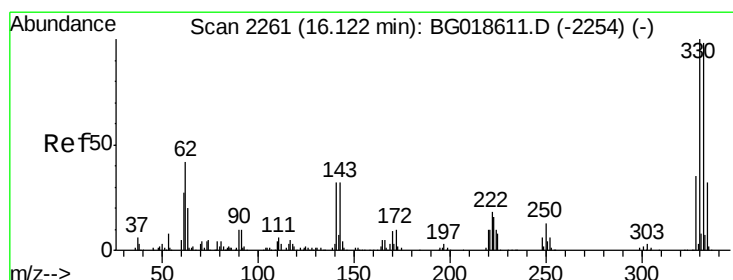
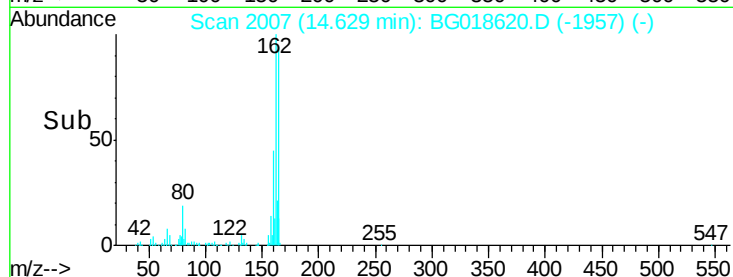
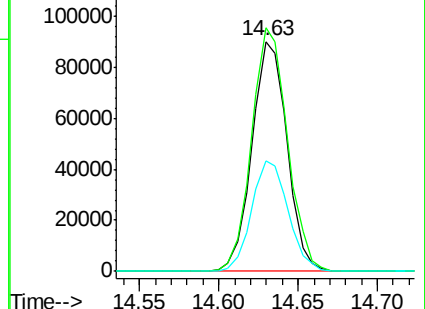
160 47.8 36.4 54.6



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: 91.83 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG018620.D

Acq: 11 Sep 2015 2:13

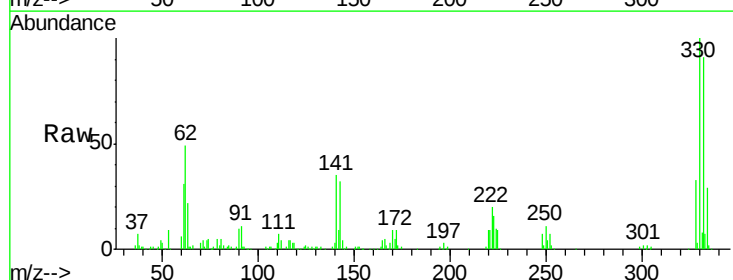
Tgt Ion:330 Resp: 171098

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

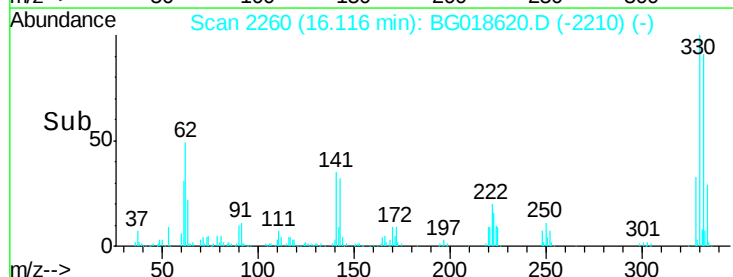
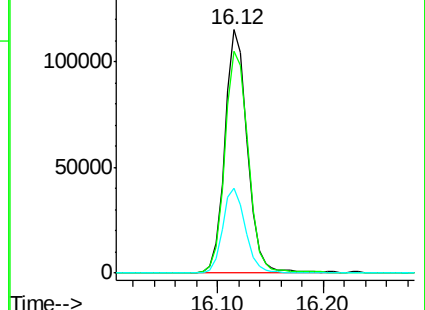
141 35.3 28.2 42.2



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

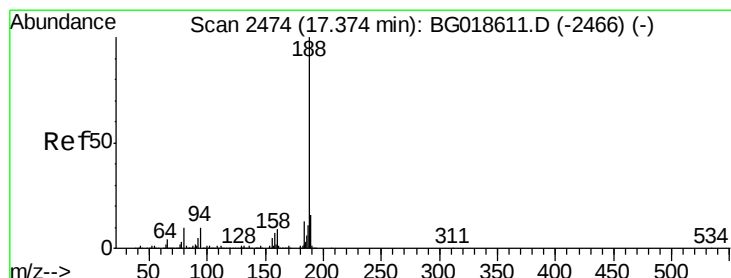
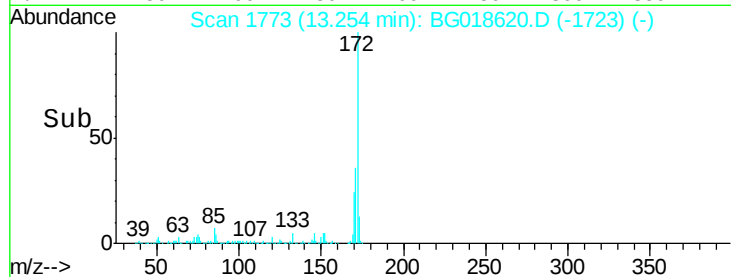
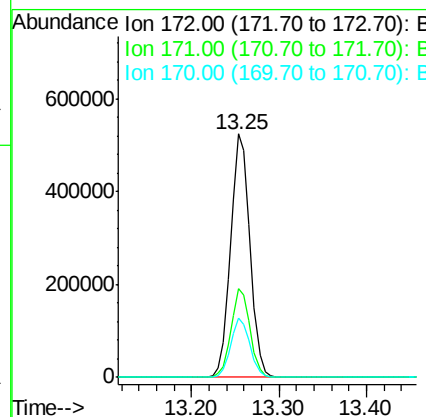
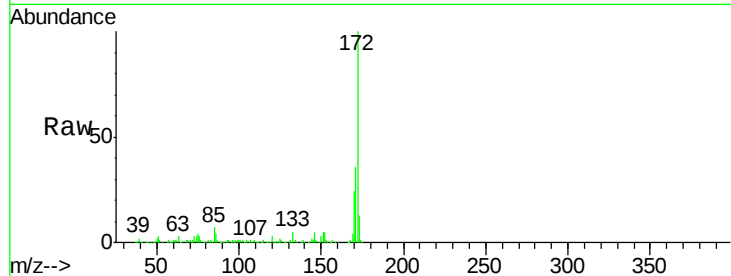




#44
 2-Fluorobiphenyl
 Concen: 79.84 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

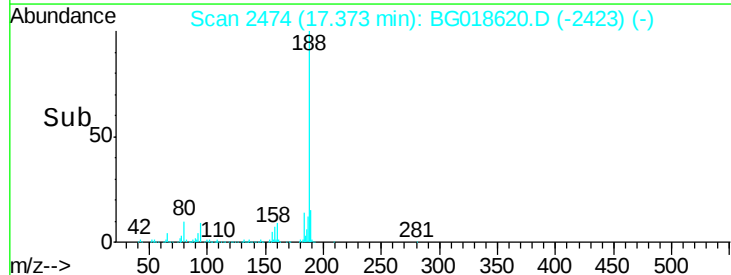
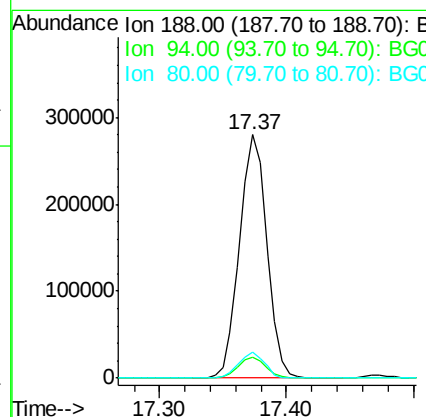
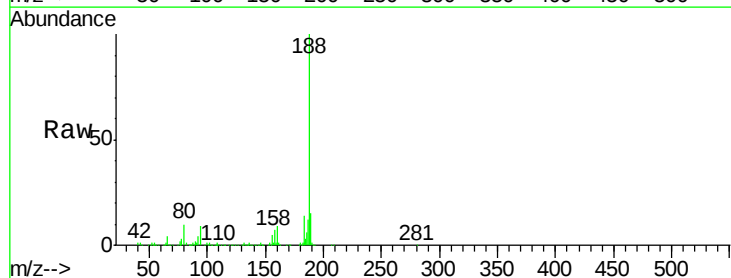
Instrument :
 BNA_G
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 PB85471BL

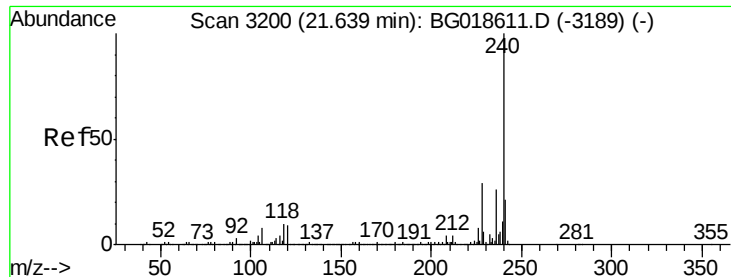
Tot Ion:172	Resp:	795900
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.0 43.6
170	24.2	19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

Tgt Ion:188	Resp:	418063
Ion	Ratio	Lower Upper
188	100	
94	8.8	7.7 11.5
80	10.5	7.8 11.8

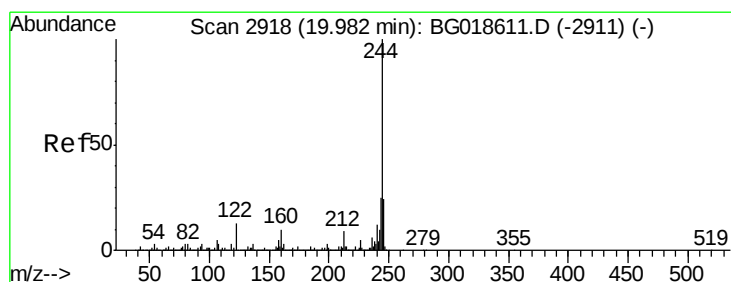
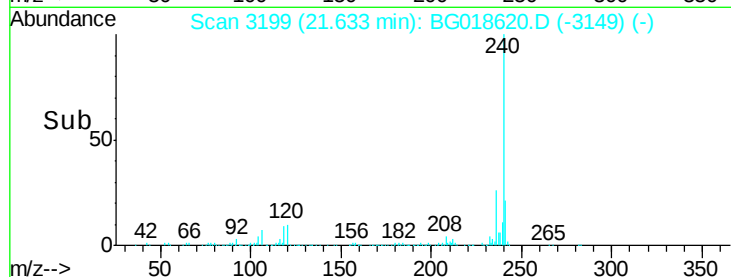
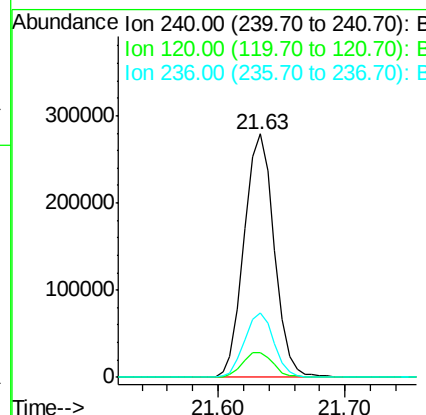
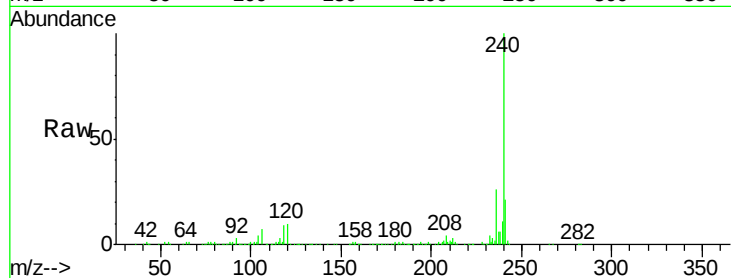




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

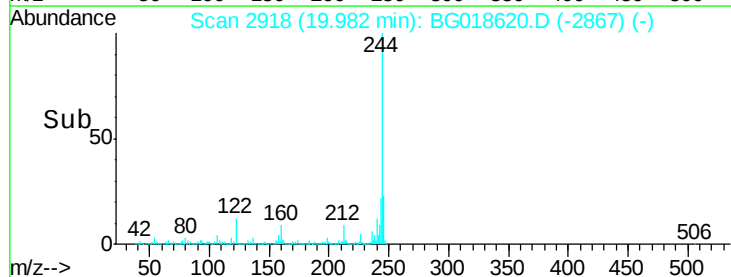
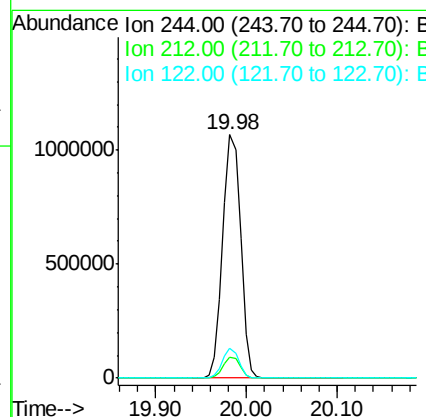
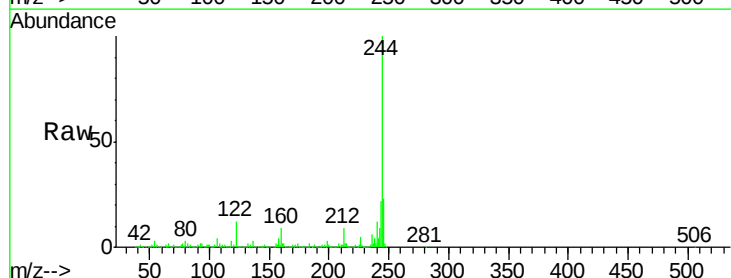
Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

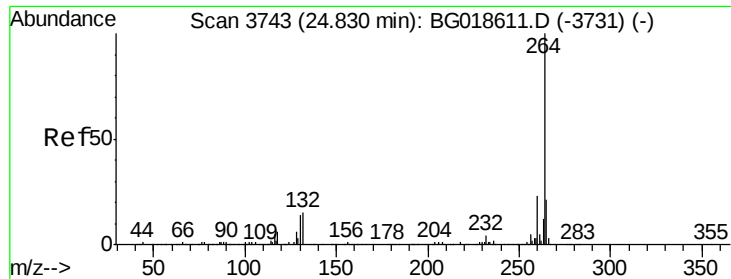
Tot Ion:240 Resp: 461481
 Ion Ratio Lower Upper
 240 100
 120 10.0 7.4 11.0
 236 26.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 83.86 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. -0.00 min
 Lab File: BG018620.D
 Acq: 11 Sep 2015 2:13

Tgt Ion:244 Resp: 1473780
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 12.4 10.2 15.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG018620.D
Acq: 11 Sep 2015 2:13

Instrument :
BNA_G
ClientSampleId :
PB85471BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	20.9	17.2	25.8

