

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018664.D
 Acq On : 14 Sep 2015 16:27
 Operator : UM/IZ
 Sample : PB85494BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BL

Quant Time: Sep 15 01:28:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

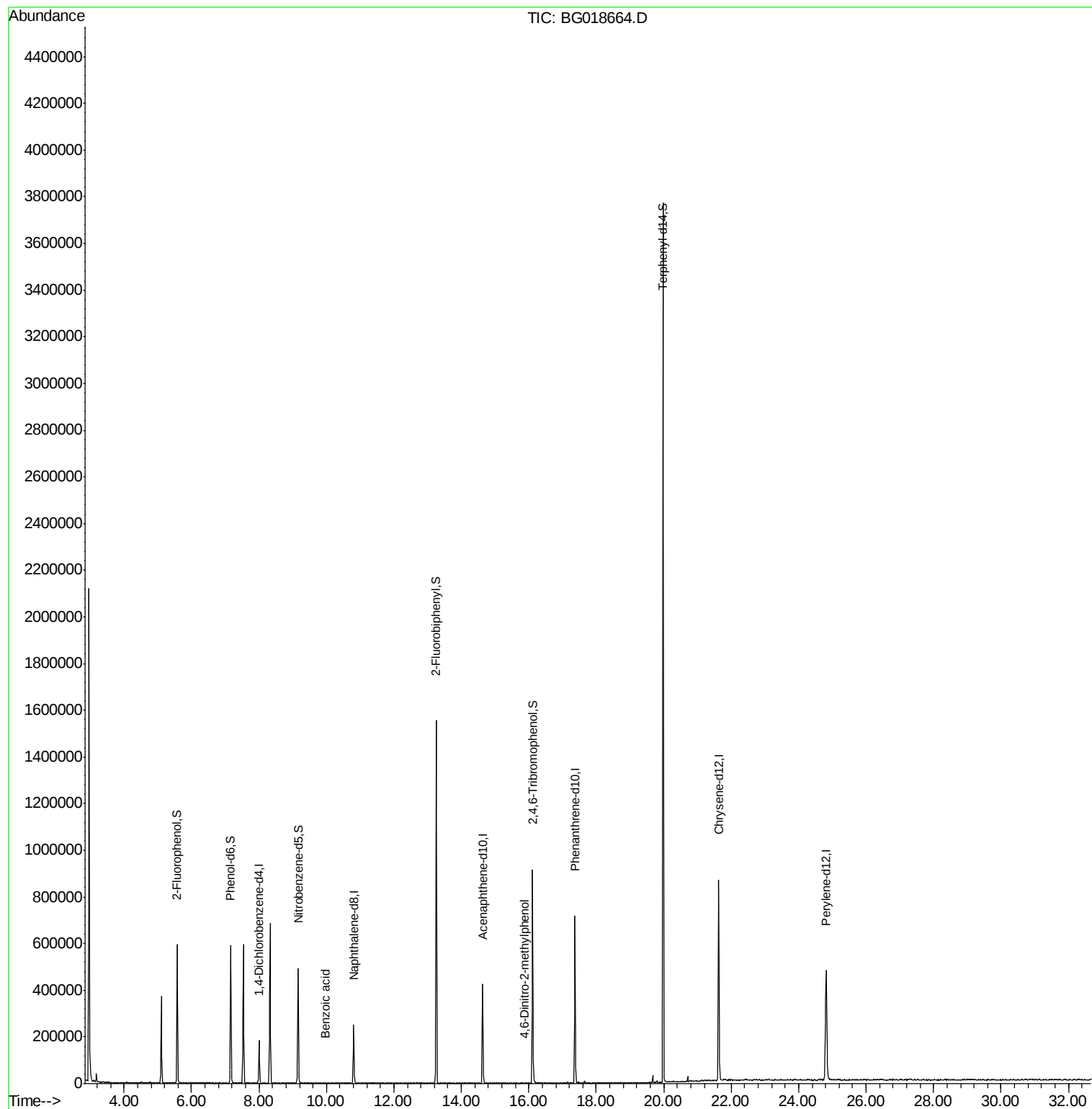
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	53346	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	221160	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	146877	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	457478	20.00	ng	0.00
75) Chrysene-d12	21.63	240	516125	20.00	ng	0.00
86) Perylene-d12	24.82	264	511317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	285089	92.32	ng	0.00
7) Phenol-d6	7.16	99	393417	88.85	ng	0.00
23) Nitrobenzene-d5	9.16	82	321675	81.39	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	185887	93.99	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	840461	79.43	ng	0.00
78) Terphenyl-d14	19.98	244	1602724	81.54	ng	0.00
Target Compounds						
32) Benzoic acid	9.95	122	66	7.95	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.87	198	59	5.42	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

Instrument :

BNA_G

ClientSampleId :

PB85494BL

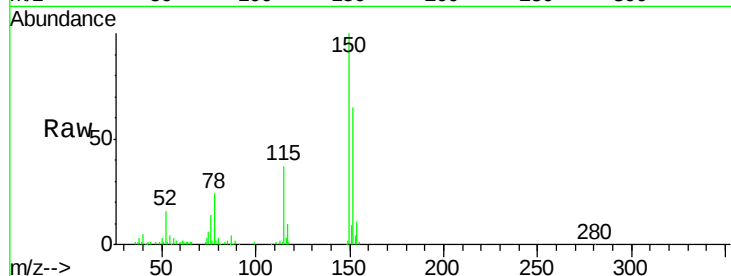
Tot Ion:152 Resp: 53346

Ion Ratio Lower Upper

152 100

150 154.2 115.0 172.4

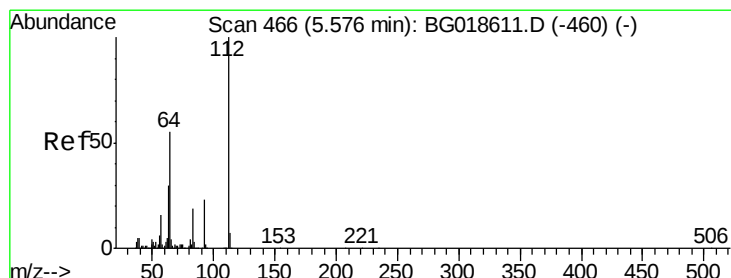
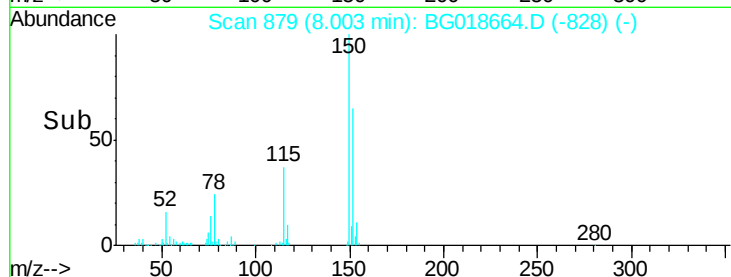
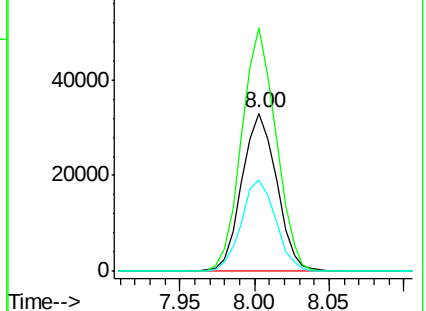
115 57.4 43.9 65.9



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: 92.32 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

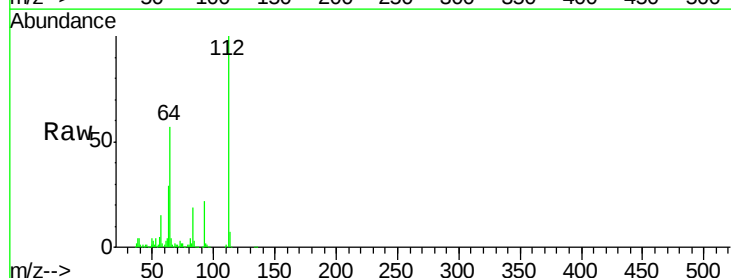
Tgt Ion:112 Resp: 285089

Ion Ratio Lower Upper

112 100

64 56.8 43.7 65.5

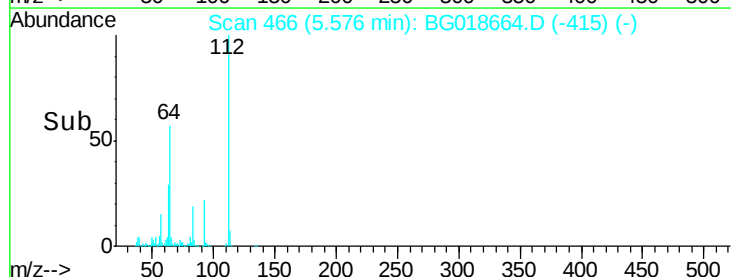
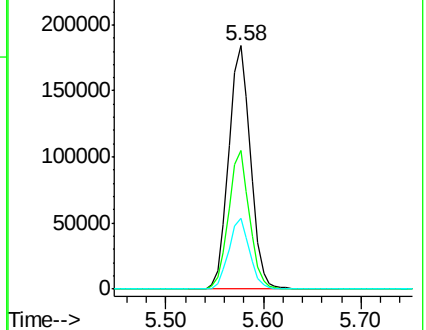
63 29.3 24.0 36.0

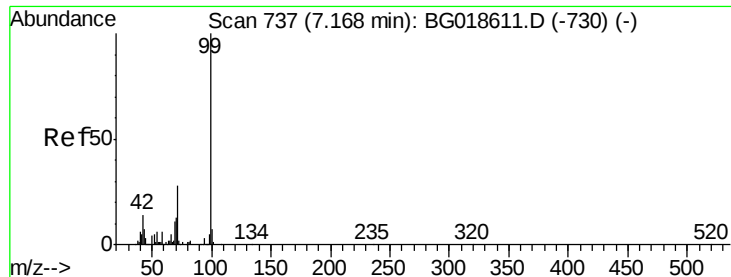


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 88.85 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

Instrument :

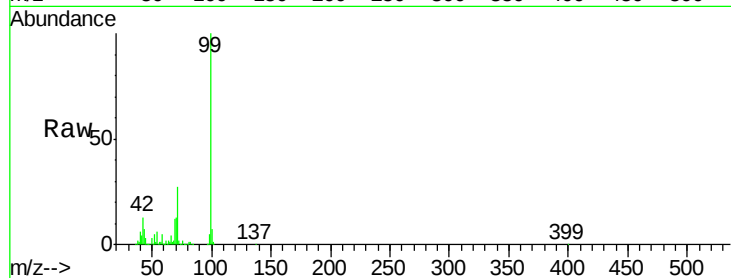
BNA_G

ClientSampleId :

PB85494BL

Tot Ion: 99 Resp: 393417

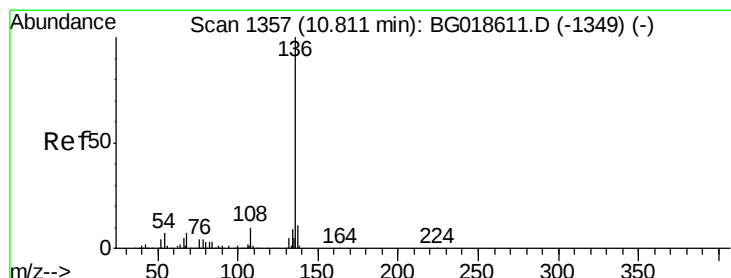
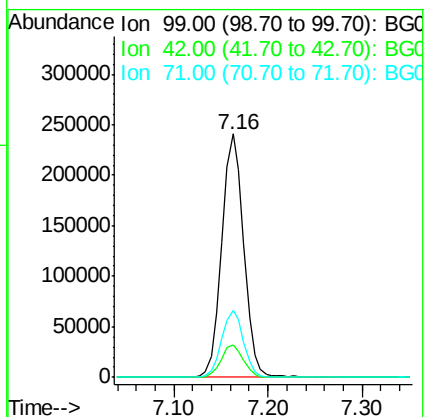
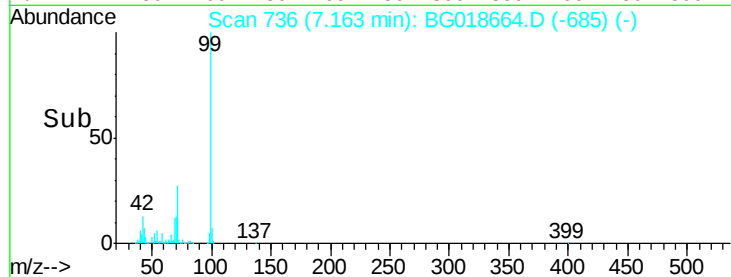
Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.5	17.3
71	27.3	22.6	34.0



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# 1356

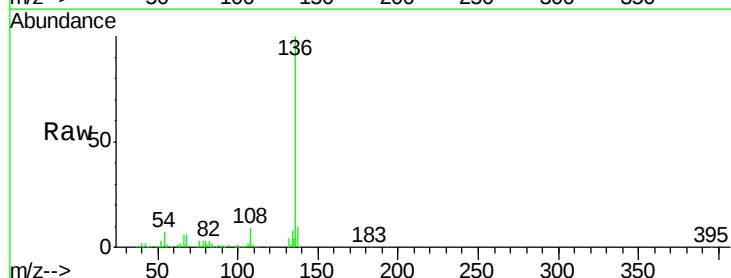
Delta R.T. -0.01 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

Tgt Ion: 136 Resp: 221160

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	7.1	5.4	8.2
68	6.4	5.3	7.9

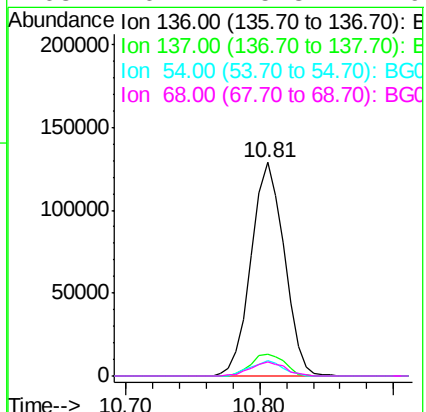
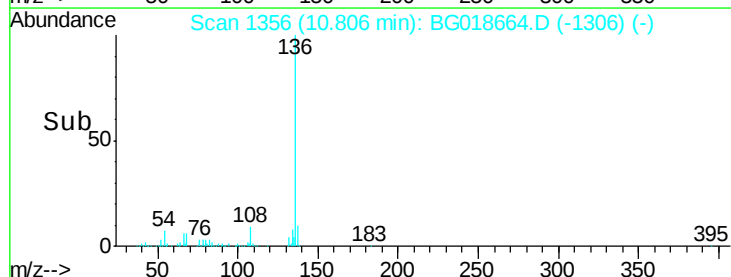


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

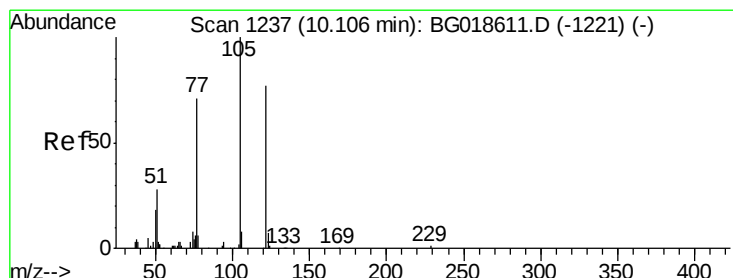
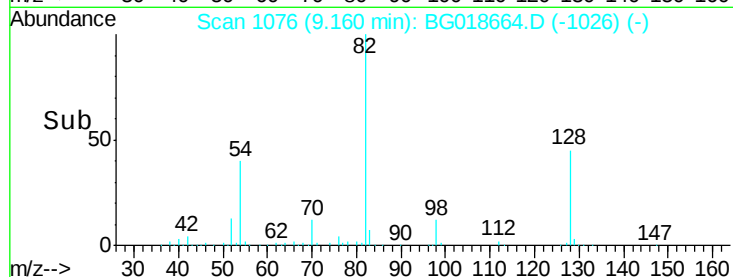
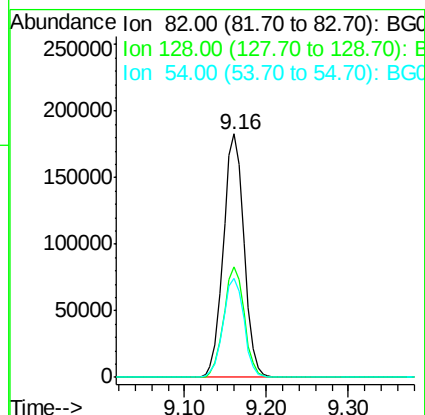
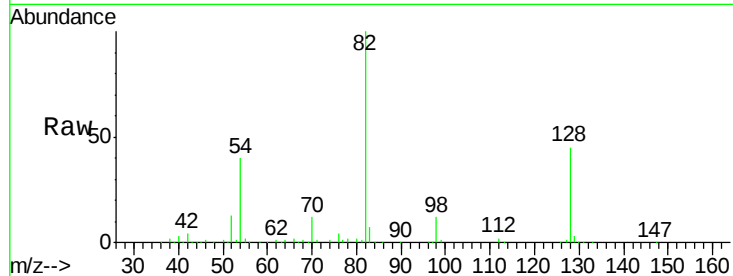




#23
 Nitrobenzene-d5
 Concen: 81.39 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

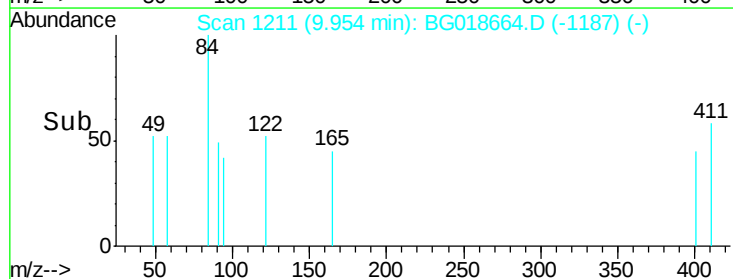
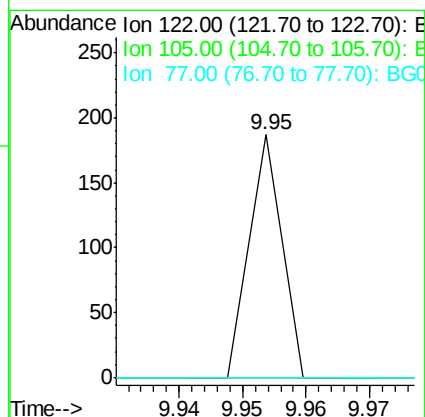
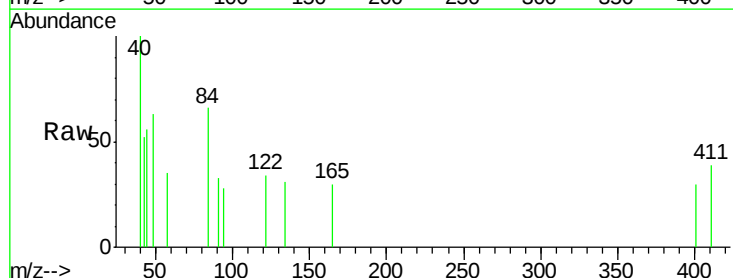
Instrument :
 BNA_G
 ClientSampleID :
 PB85494BL

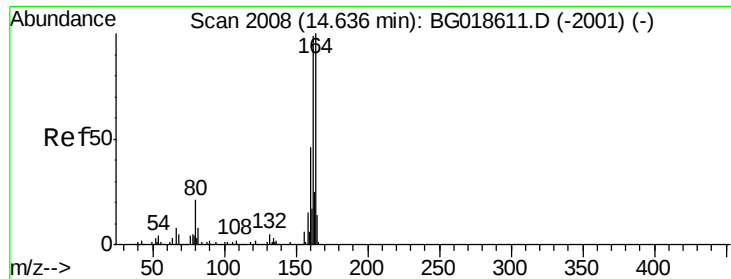
Tot Ion: 82 Resp: 321675
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.7 55.1
 54 40.5 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 9.95 min Scan# 1211
 Delta R.T. -0.16 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

Tgt Ion: 122 Resp: 66
 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. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

Instrument :

BNA_G

ClientSampleId :

PB85494BL

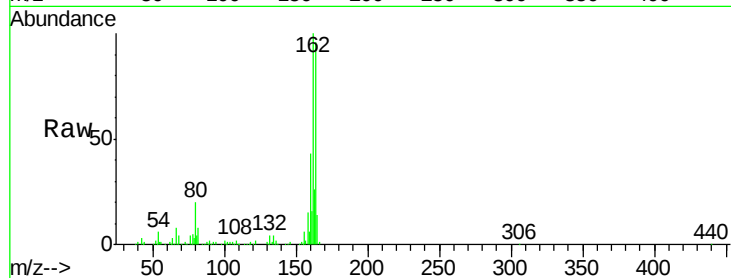
Tot Ion:164 Resp: 146877

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

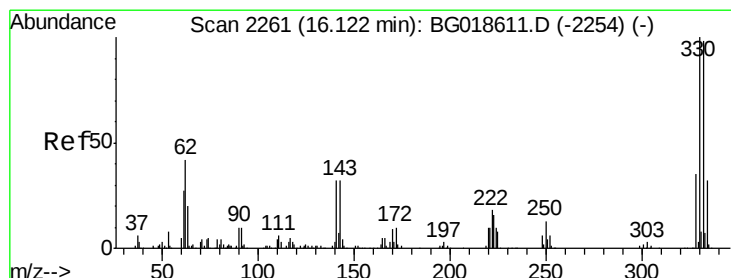
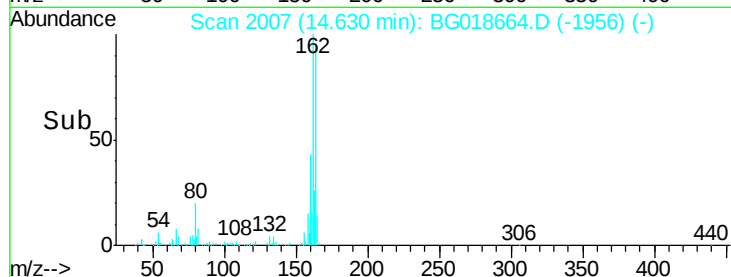
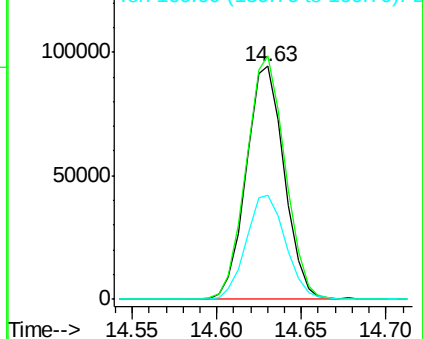
160 44.5 36.4 54.6



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: 93.99 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

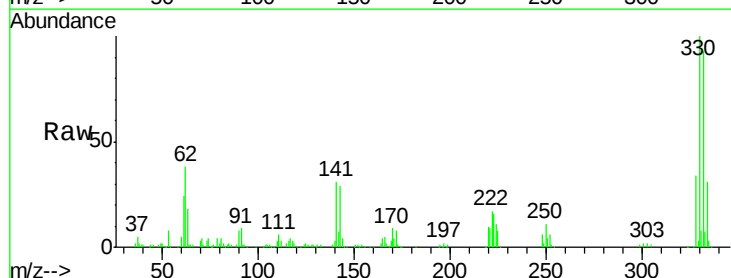
Tgt Ion:330 Resp: 185887

Ion Ratio Lower Upper

330 100

332 94.0 78.1 117.1

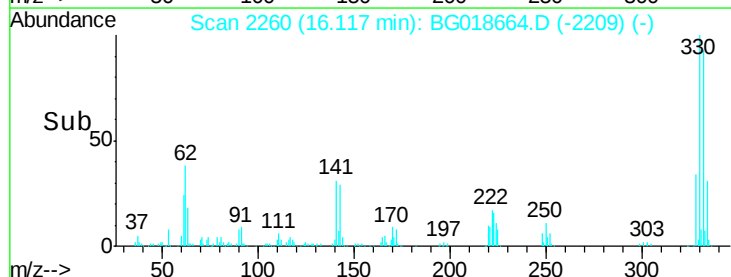
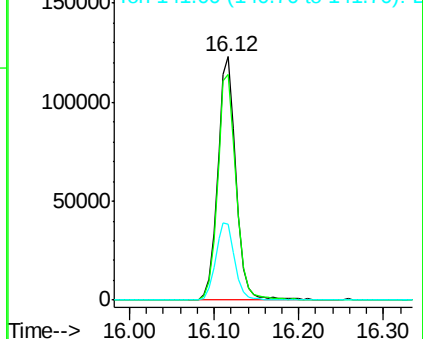
141 33.6 28.2 42.2



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

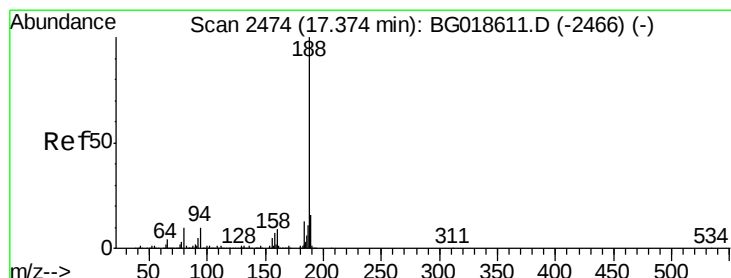
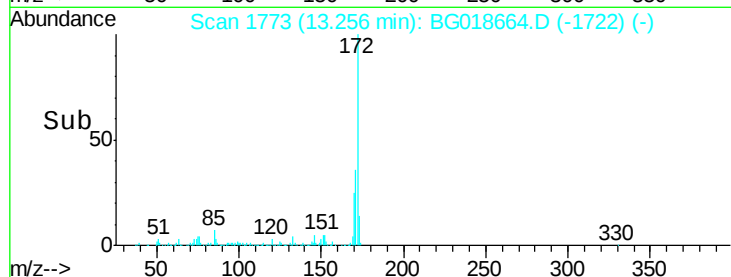
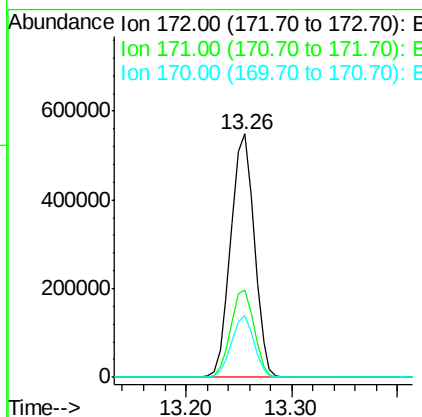
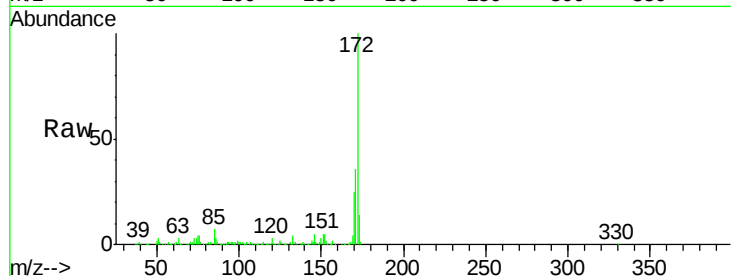




#44
 2-Fluorobiphenyl
 Concen: 79.43 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

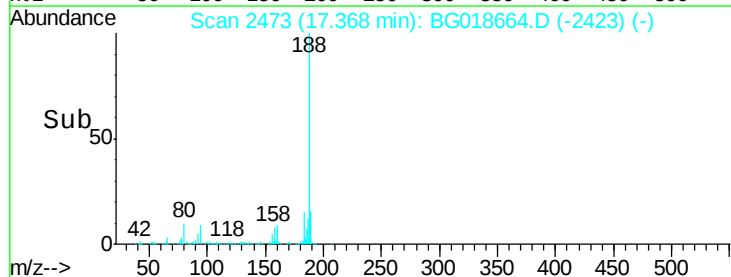
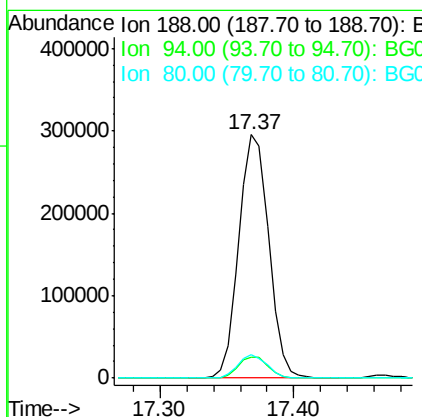
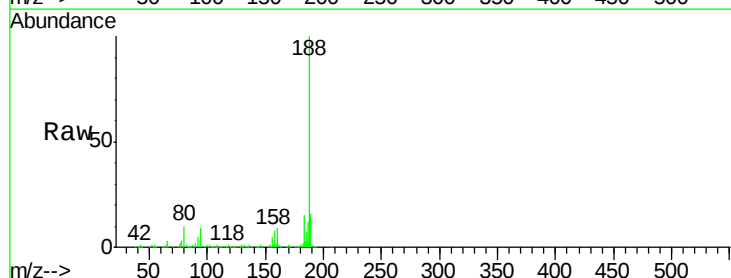
Instrument :
 BNA_G
 ClientSampleId :
 PB85494BL

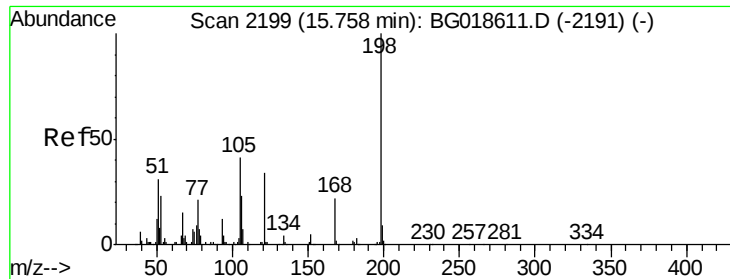
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	25.4	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.7	11.5
80	9.8	7.8	11.8

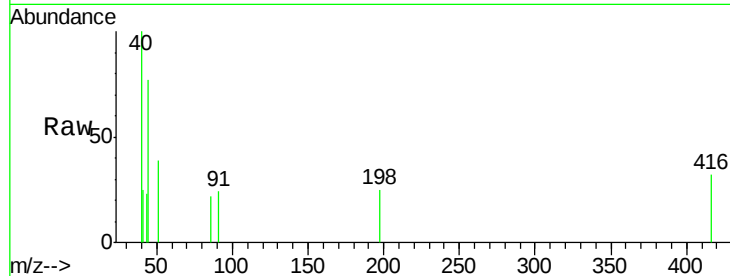




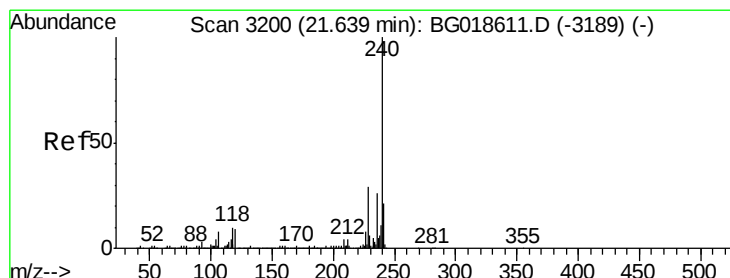
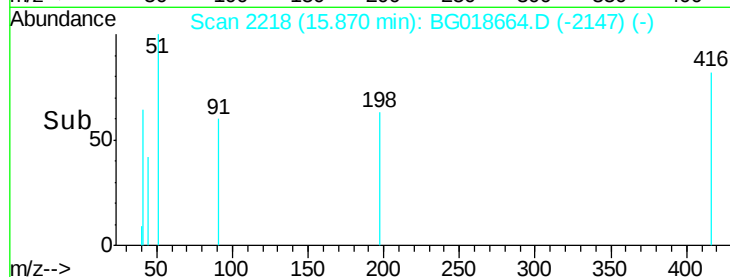
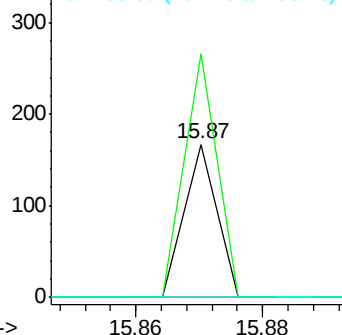
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.42 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. 0.12 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BL

Tot Ion:198 Resp: 59
 Ion Ratio Lower Upper
 198 100
 51 159.3 14.2 54.2#
 105 0.0 21.1 61.1#

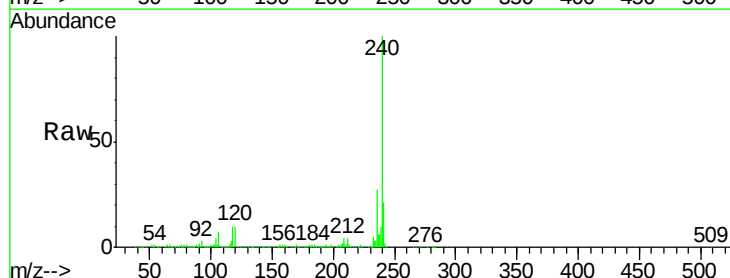


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

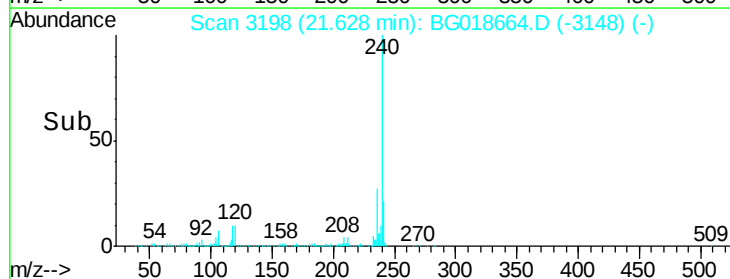
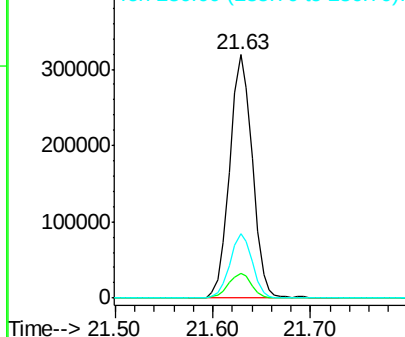


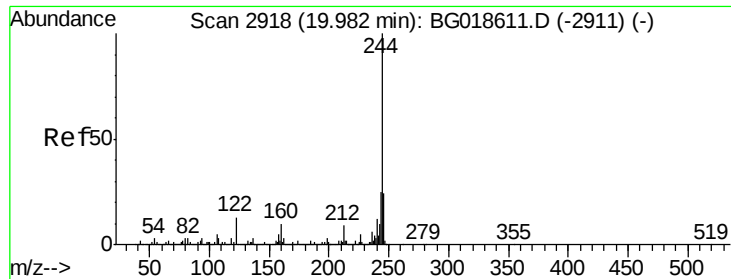
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BG018664.D
 Acq: 14 Sep 2015 16:27

Tgt Ion:240 Resp: 516125
 Ion Ratio Lower Upper
 240 100
 120 10.1 7.4 11.0
 236 26.5 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: 81.54 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

Instrument :

BNA_G

ClientSampleId :

PB85494BL

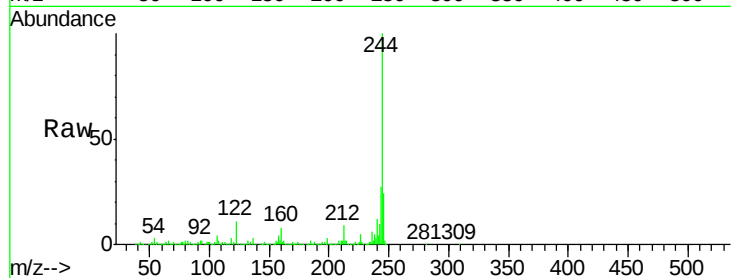
Tot Ion:244 Resp: 1602724

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

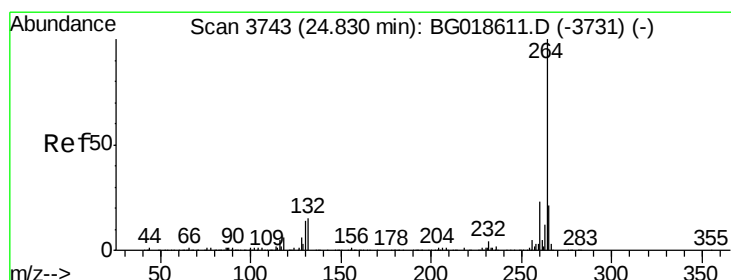
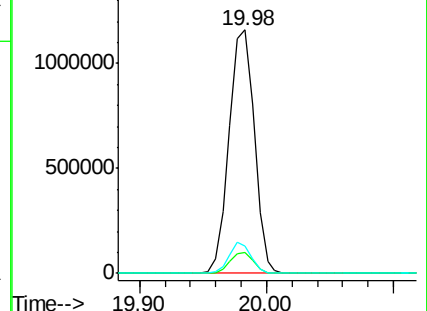
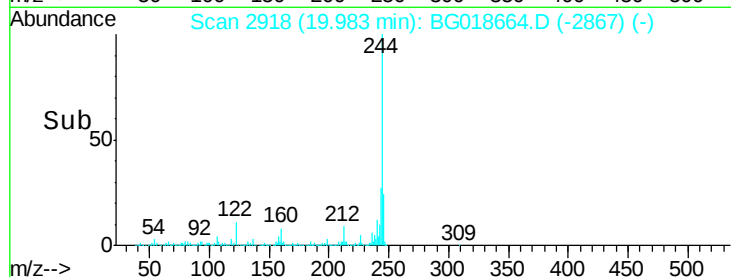
122 11.3 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BG018664.D

Acq: 14 Sep 2015 16:27

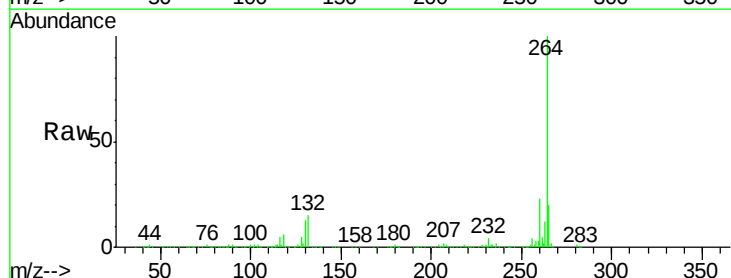
Tgt Ion:264 Resp: 511317

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 19.5 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

