

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
 Data File : BG022700.D
 Acq On : 29 Jun 2016 19:20
 Operator : UM/SJ
 Sample : PB91742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91742BL

Quant Time: Jun 30 04:26:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

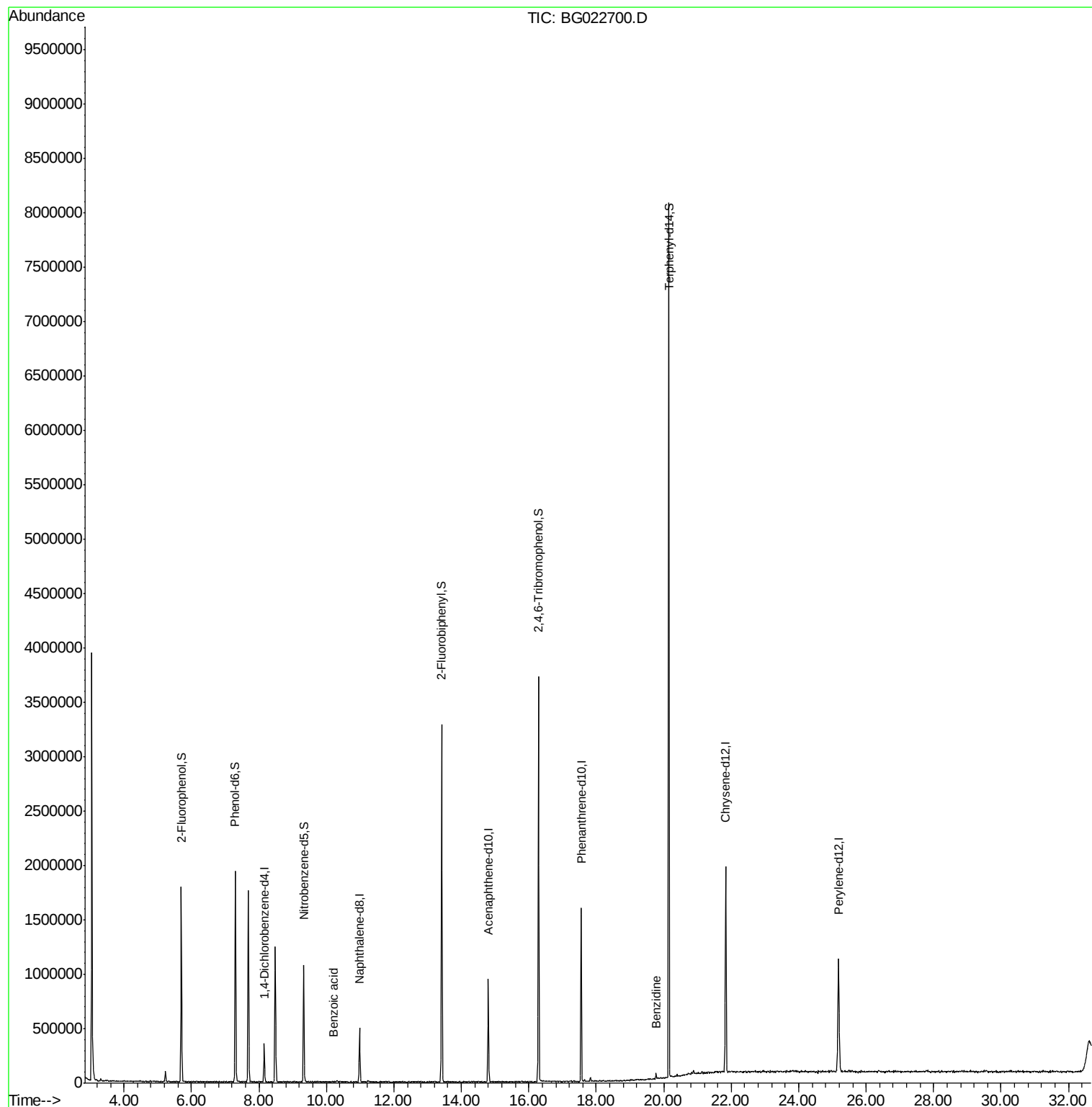
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	93010	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	395719	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	322956	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1021875	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1197053	20.00	ng	0.00
86) Perylene-d12	25.18	264	1202931	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	724355	124.91	ng	0.00
7) Phenol-d6	7.30	99	1070734	131.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	697548	74.61	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	671321	132.16	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1606152	78.87	ng	0.00
78) Terphenyl-d14	20.15	244	3004799	66.50	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	109	5.13	ng	# 21
76) Benzidine	19.77	184	32934	2.58	ng	# 87

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

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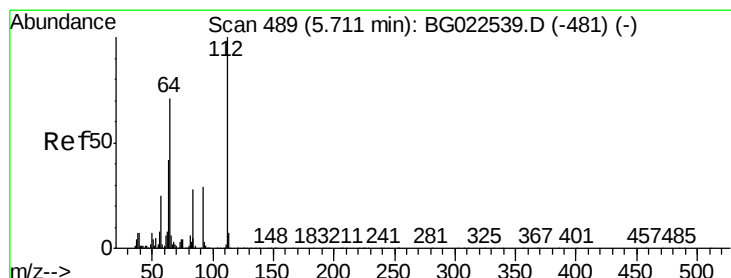
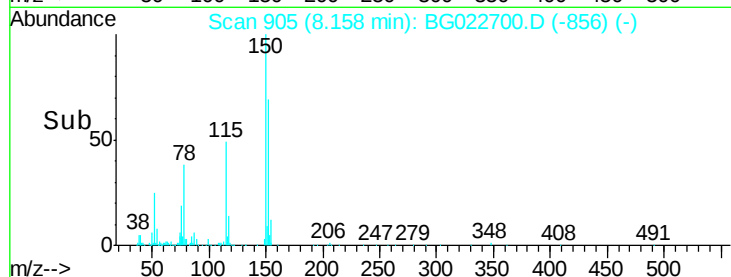
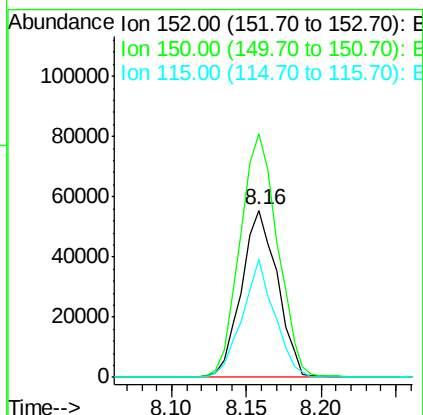
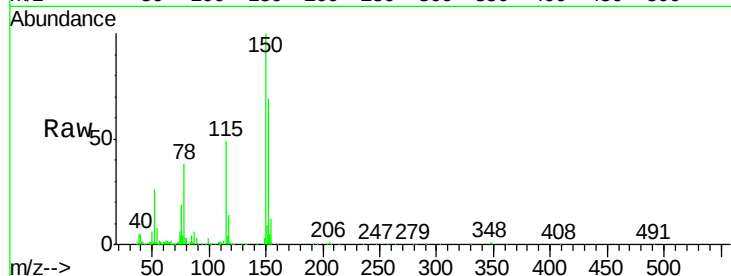


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

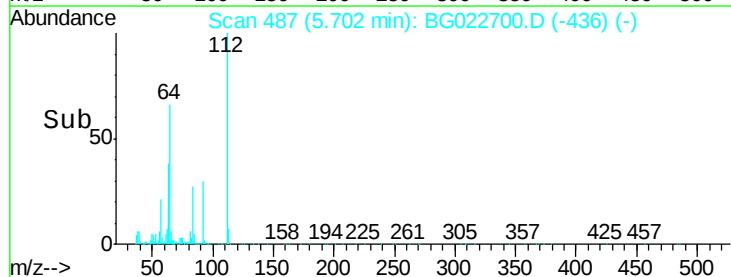
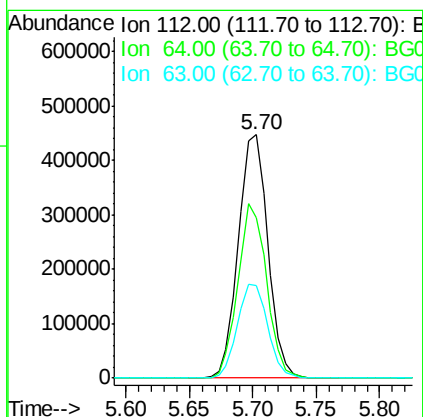
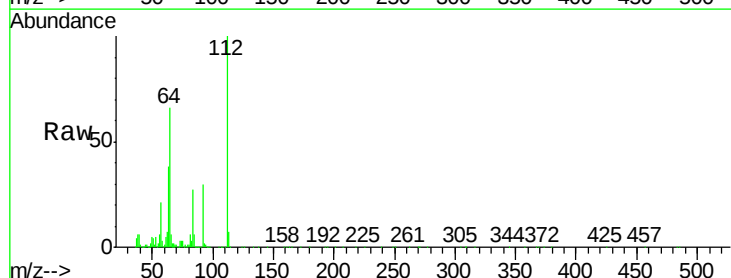
Tgt Ion:152 Resp: 93010
Ion Ratio Lower Upper
152 100
150 145.9 144.7 217.1
115 71.2 64.0 96.0

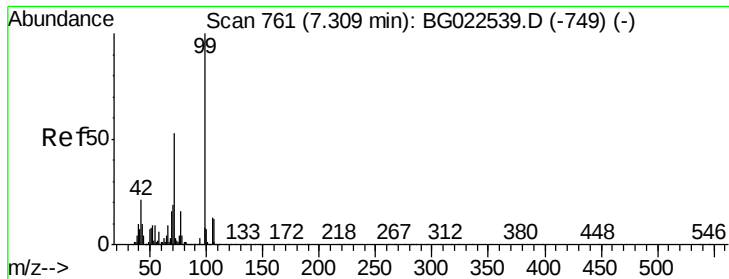


#5

2-Fluorophenol
Concen: 124.91 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:112 Resp: 724355
Ion Ratio Lower Upper
112 100
64 66.1 59.0 88.4
63 38.2 37.8 56.8





#7

Phenol-d6

Concen: 131.00 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

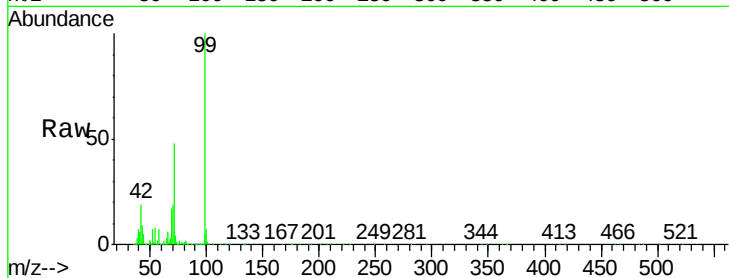
Tgt Ion: 99 Resp: 1070734

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

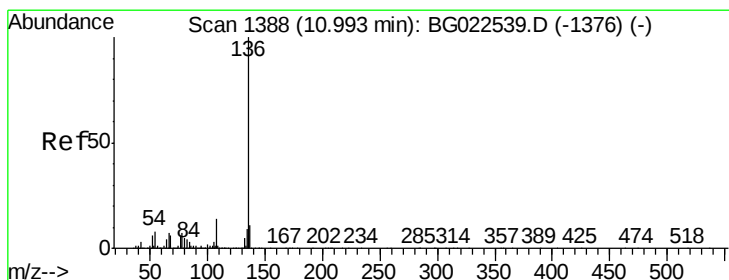
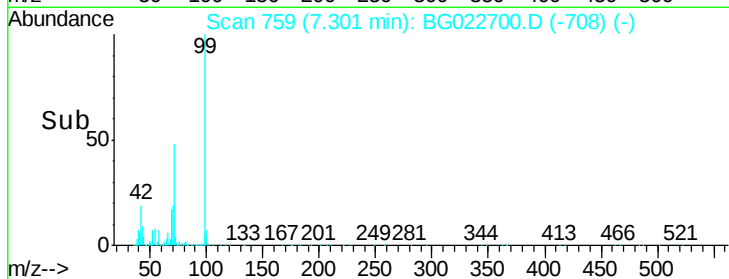
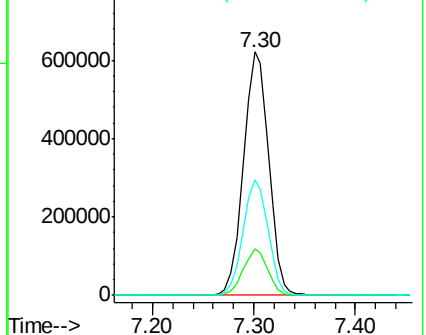
71 47.6 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Tgt Ion: 136 Resp: 395719

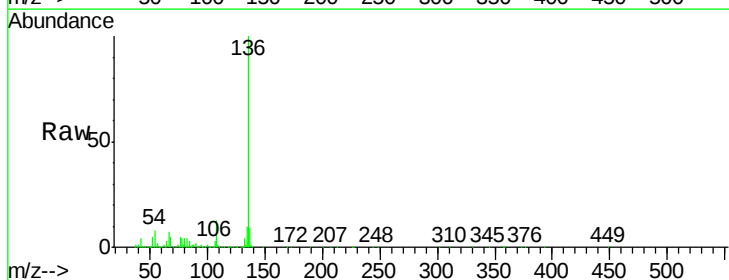
Ion Ratio Lower Upper

136 100

137 9.0 9.6 14.4#

54 7.6 7.3 10.9

68 5.0 5.3 7.9#

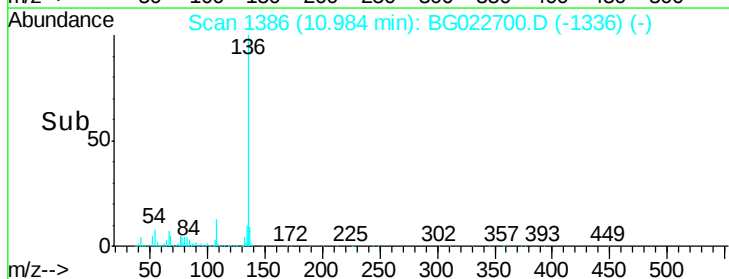
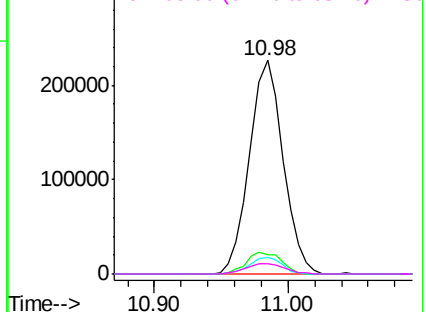


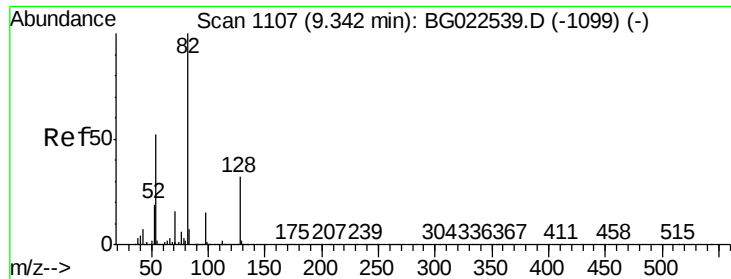
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 74.61 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

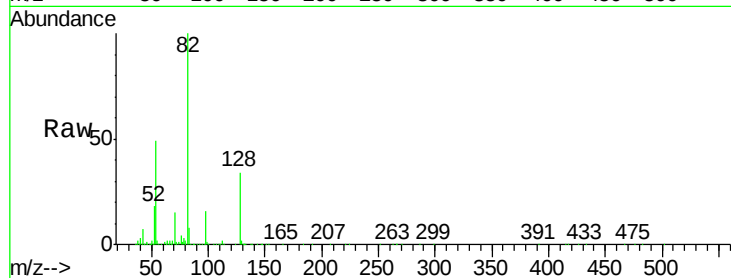
Tgt Ion: 82 Resp: 697548

Ion Ratio Lower Upper

82 100

128 33.7 24.4 36.6

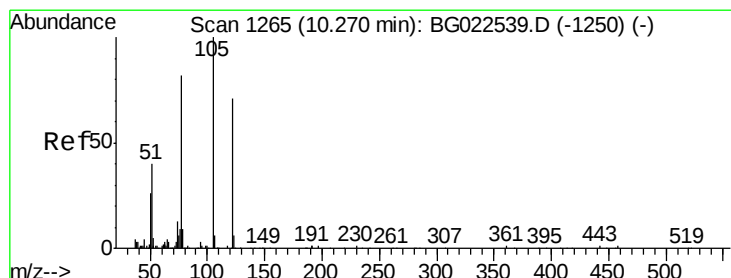
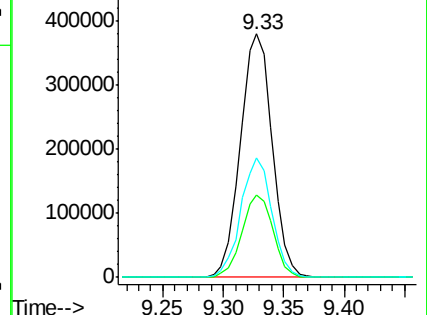
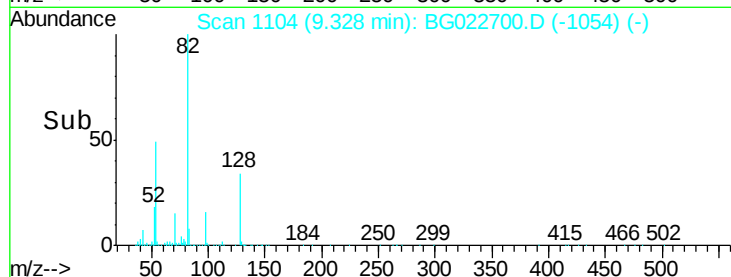
54 49.0 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 5.13 ng

RT: 10.20 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

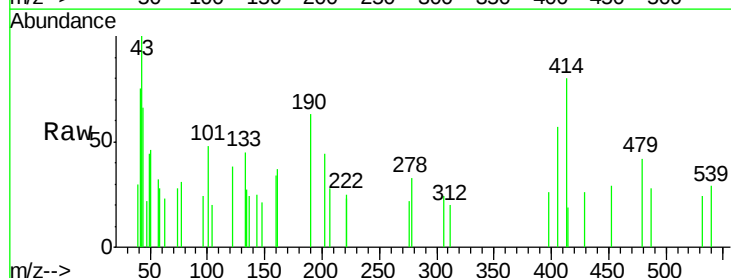
Tgt Ion: 122 Resp: 109

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

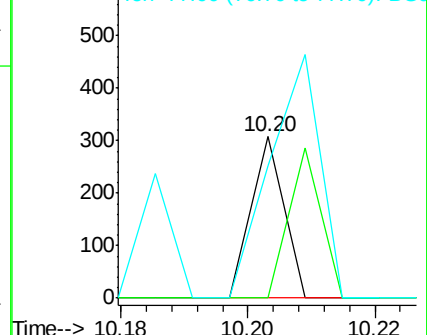
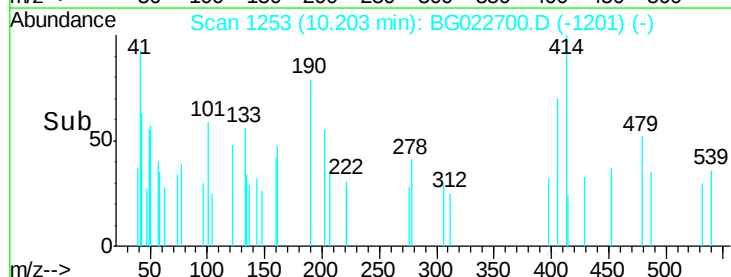
77 81.5 109.2 149.2#

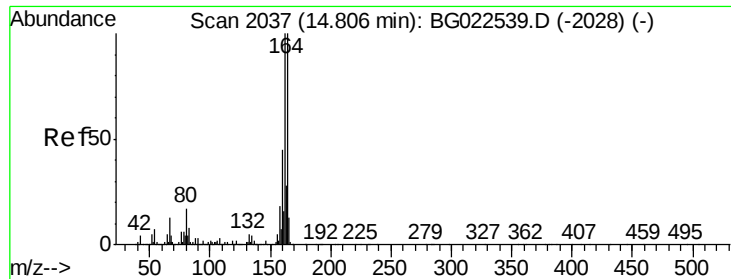


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampled :

PB91742BL

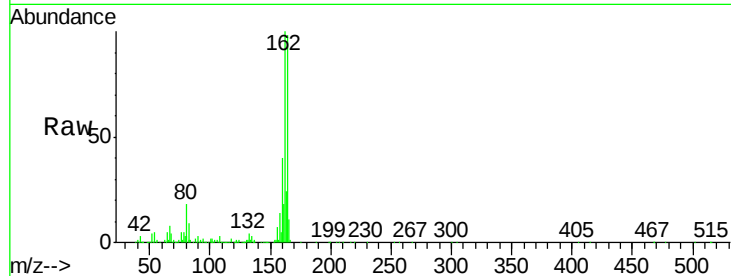
Tgt Ion:164 Resp: 322956

Ion Ratio Lower Upper

164 100

162 101.7 87.7 131.5

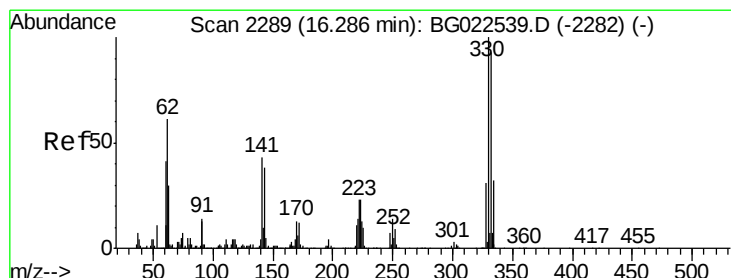
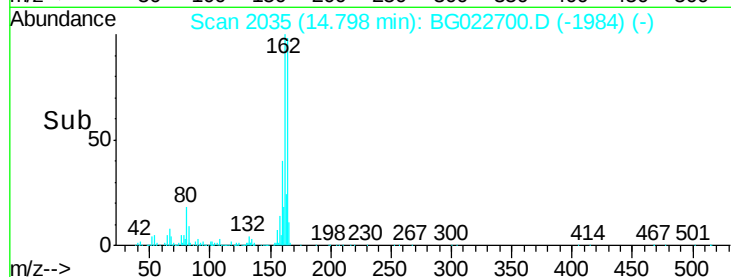
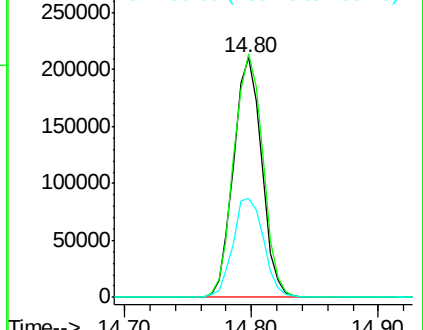
160 41.2 37.2 55.8



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: 132.16 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

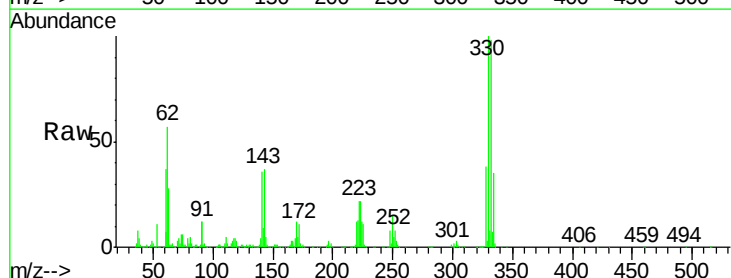
Tgt Ion:330 Resp: 671321

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

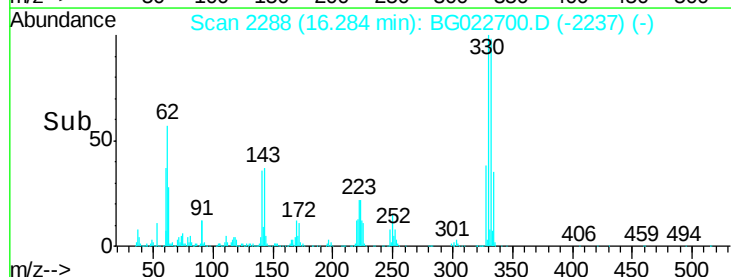
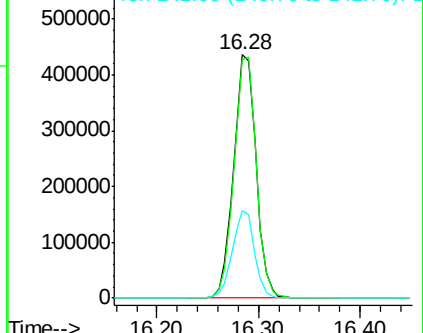
141 35.2 31.7 47.5

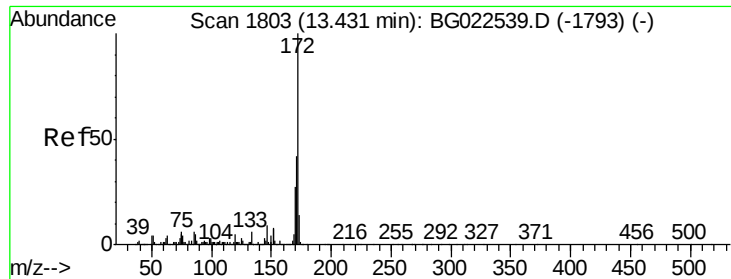


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

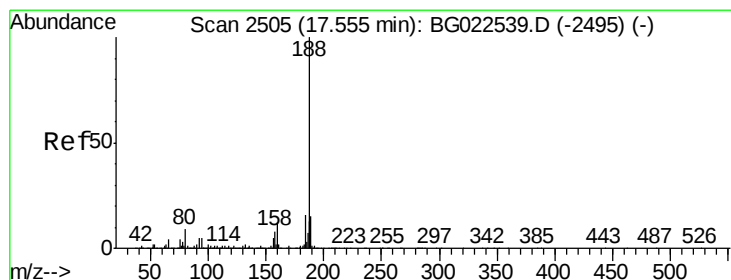
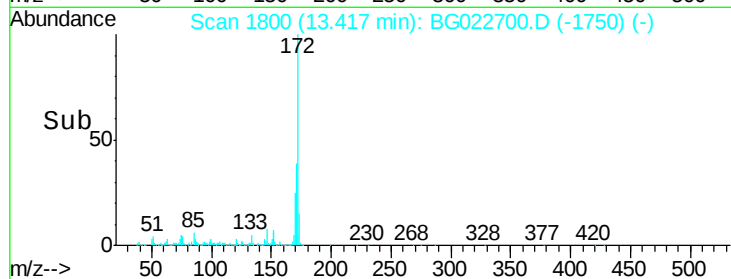
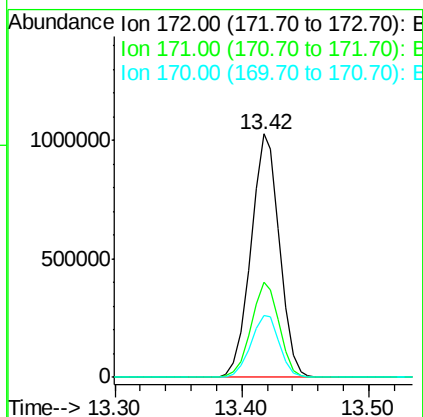
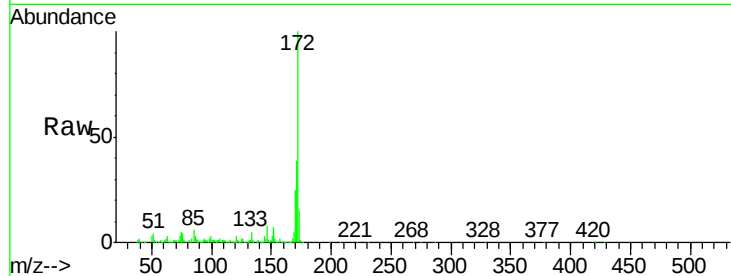




#44
 2-Fluorobiphenyl
 Concen: 78.87 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022700.D
 Acq: 29 Jun 2016 19:20

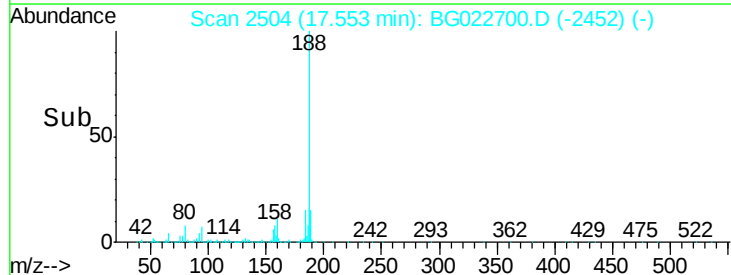
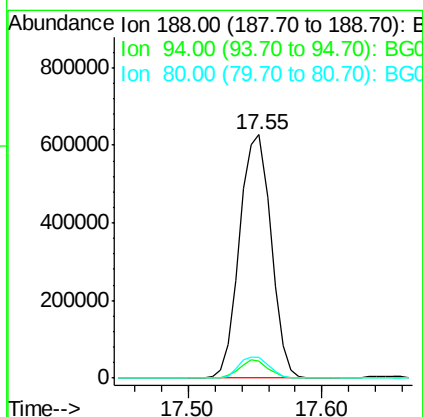
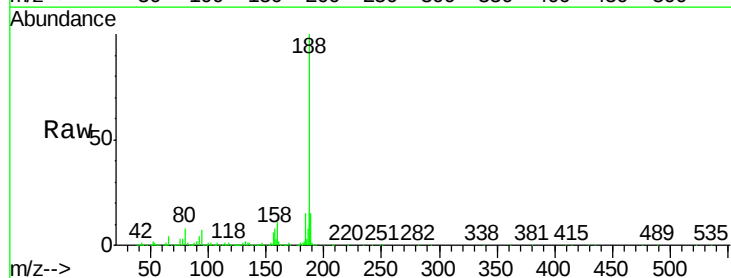
Instrument :
 BNA_G
 ClientSampled :
 PB91742BL

Tgt Ion:172 Resp: 1606152
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.6 47.4
 170 25.4 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG022700.D
 Acq: 29 Jun 2016 19:20

Tgt Ion:188 Resp: 1021875
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.2 7.8
 80 8.4 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

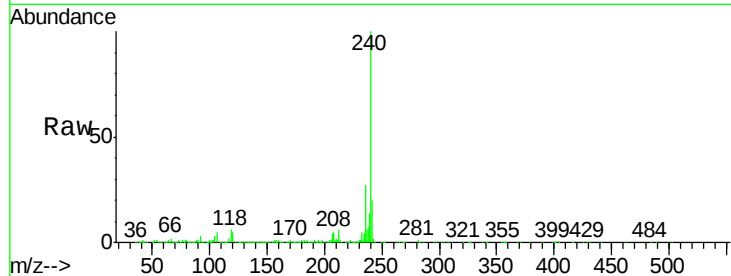
Tgt Ion:240 Resp: 1197053

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

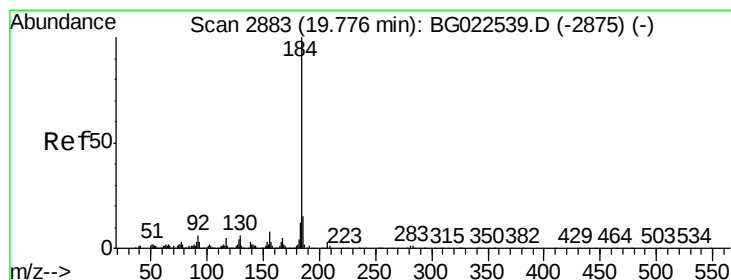
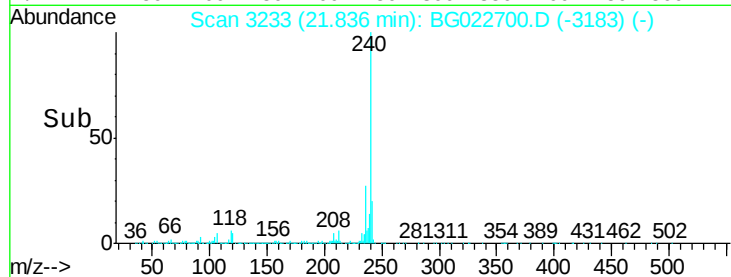
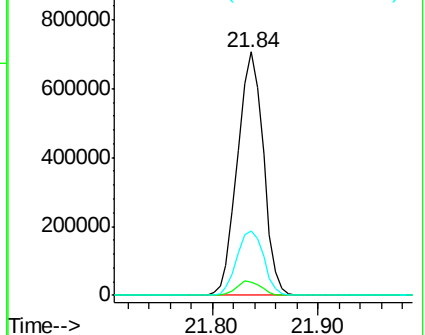
236 26.7 21.1 31.7



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



#76

Benzidine

Concen: 2.58 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

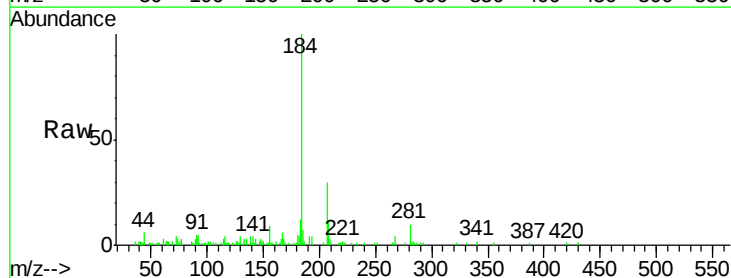
Tgt Ion:184 Resp: 32934

Ion Ratio Lower Upper

184 100

185 7.0 12.6 19.0#

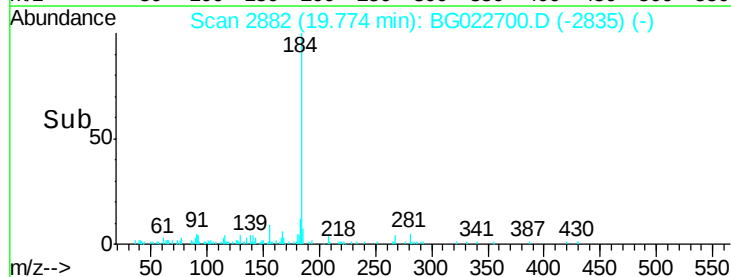
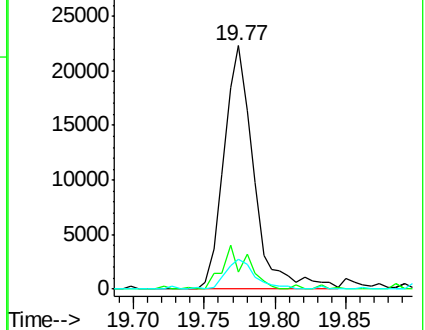
183 12.0 10.7 16.1

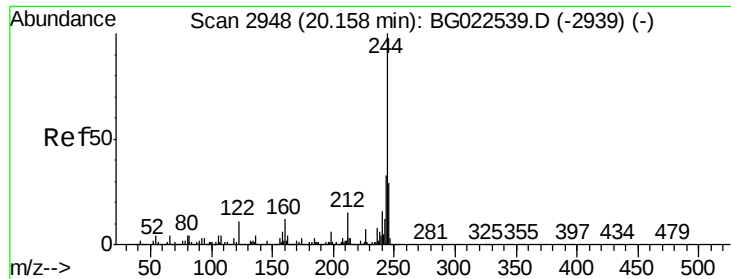


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 66.50 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

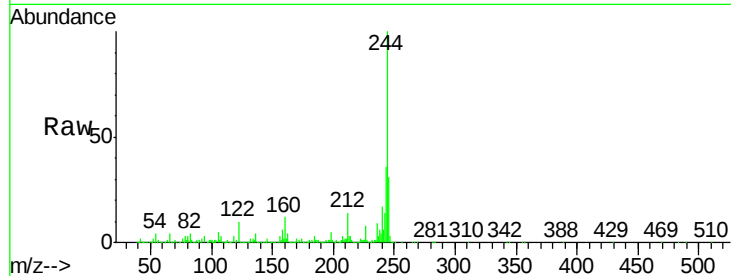
BNA_G

ClientSampleId :

PB91742BL

Tgt Ion:244 Resp: 3004799

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	10.4	8.0	12.0

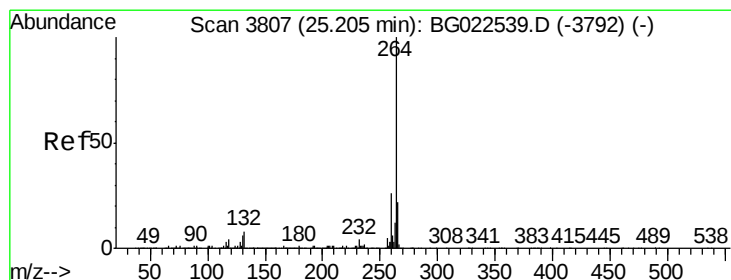
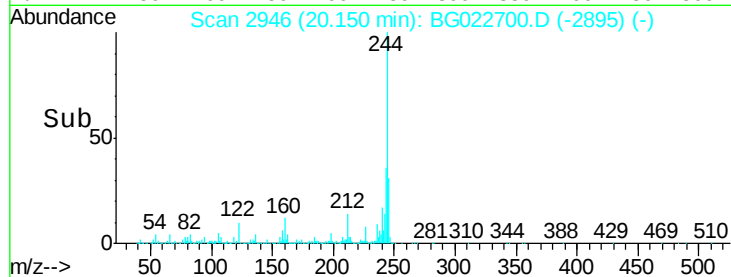
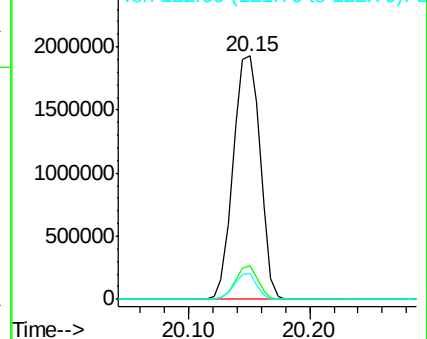


Abundance

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: 25.18 min Scan# 3802

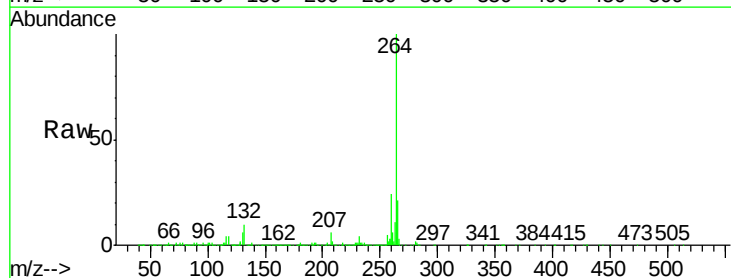
Delta R.T. -0.03 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Tgt Ion:264 Resp: 1202931

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.8	18.9	28.3



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

