

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022684.D
 Acq On : 28 Jun 2016 20:26
 Operator : UM/SJ
 Sample : PB91509BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BL

Quant Time: Jun 29 04:14:19 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	118825	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	487472	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	364202	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	972914	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1131505	20.00	ng	0.00
86) Perylene-d12	25.20	264	1109096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	974055	131.48	ng	0.00
7) Phenol-d6	7.31	99	1438237	137.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	983609	85.40	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	823441	143.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1983283	86.36	ng	0.00
78) Terphenyl-d14	20.15	244	3165020	74.11	ng	0.00

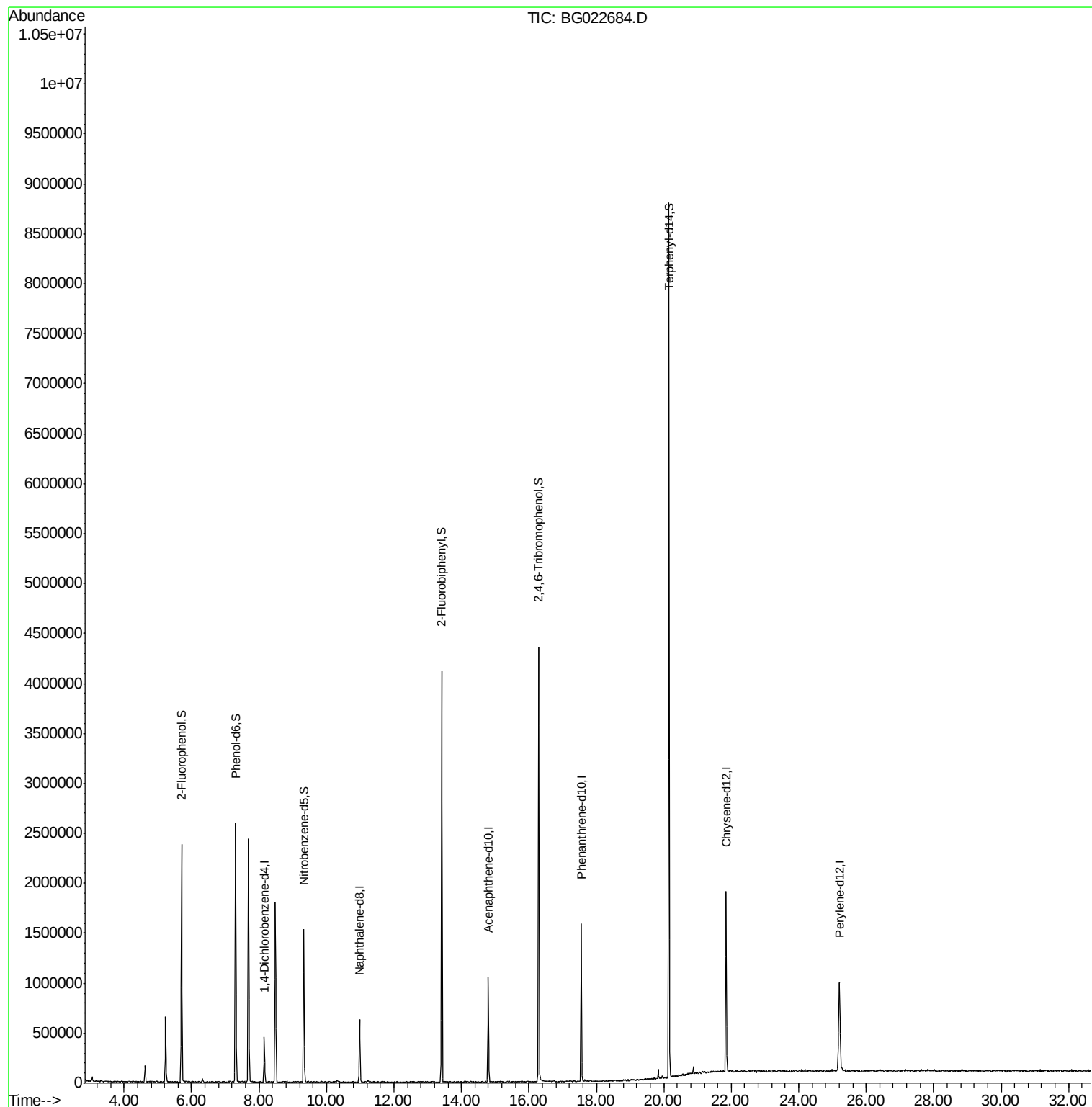
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

BNA_G

ClientSampleId :

PB91509BL

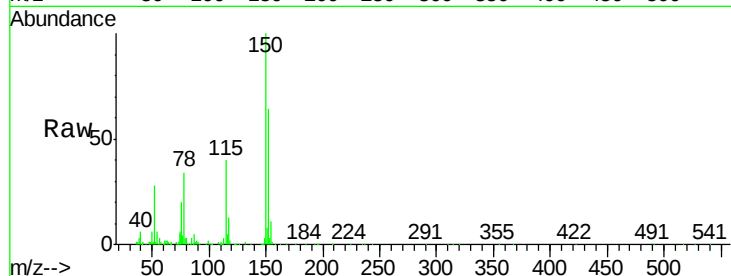
Tot Ion:152 Resp: 118825

Ion Ratio Lower Upper

152 100

150 156.0 144.7 217.1

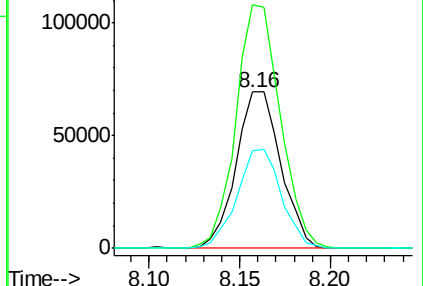
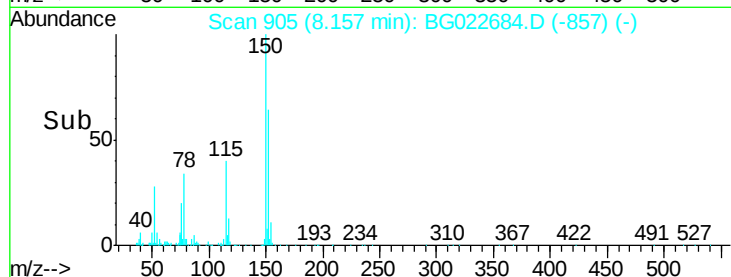
115 62.4 64.0 96.0#



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: 131.48 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

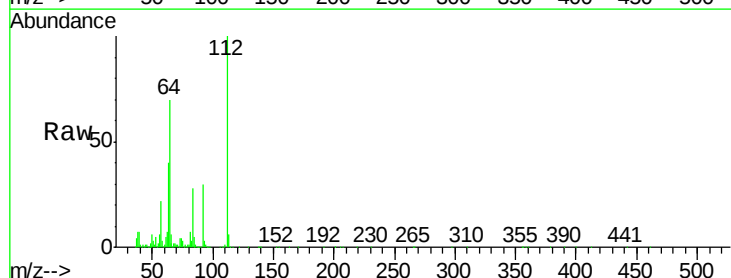
Tgt Ion:112 Resp: 974055

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

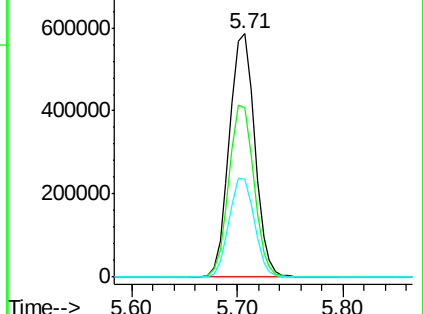
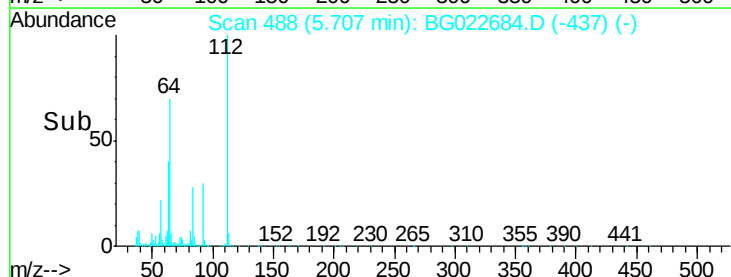
63 40.0 37.8 56.8



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: 137.73 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

BNA_G

ClientSampleId :

PB91509BL

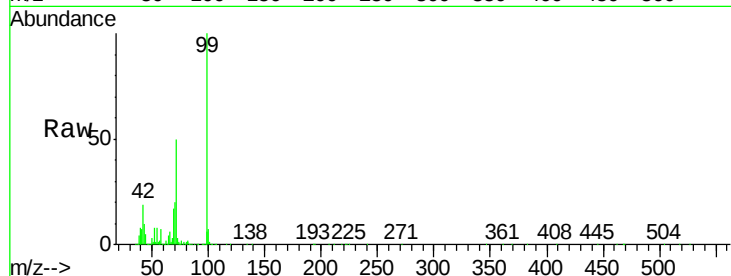
Tot Ion: 99 Resp: 1438237

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	49.6	41.5	62.3

99 100

42 19.0 17.8 26.6

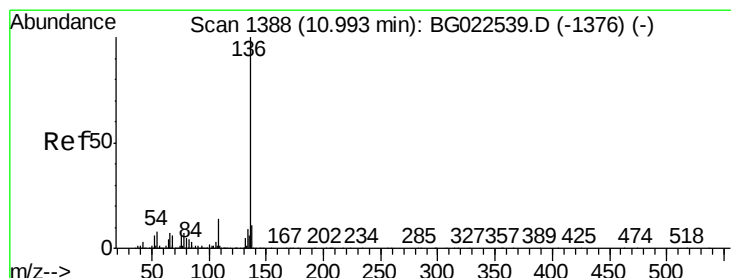
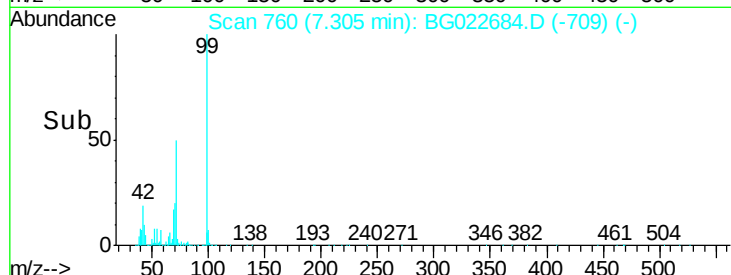
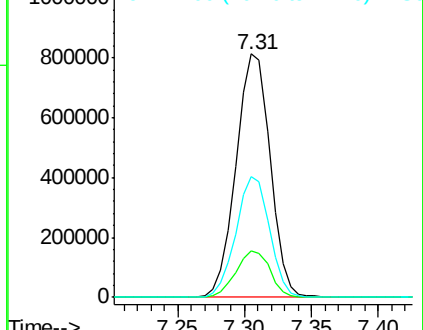
71 49.6 41.5 62.3



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: BG022684.D

Acq: 28 Jun 2016 20:26

Tgt Ion:136 Resp: 487472

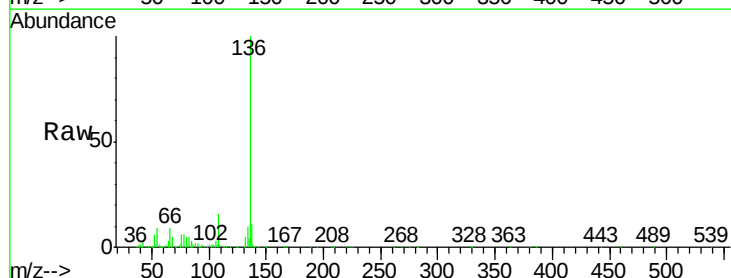
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.3	7.3	10.9
68	5.2	5.3	7.9#

136 100

137 11.5 9.6 14.4

54 9.3 7.3 10.9

68 5.2 5.3 7.9#

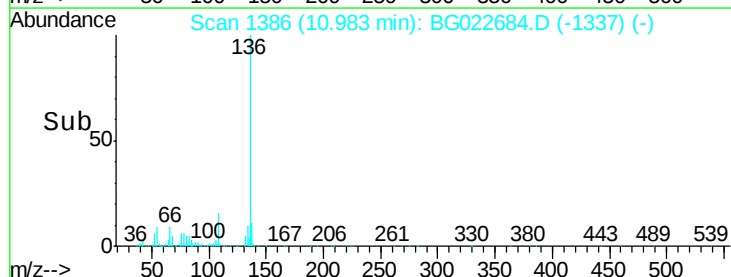
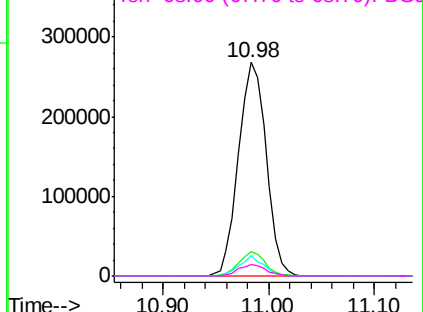


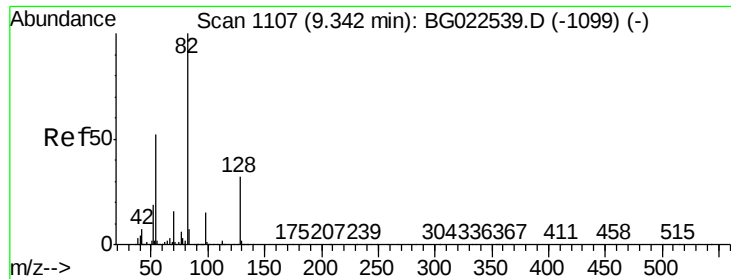
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

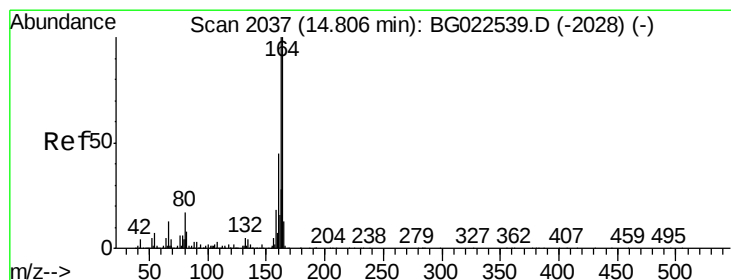
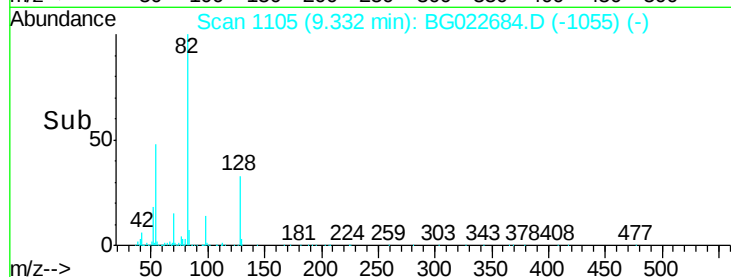
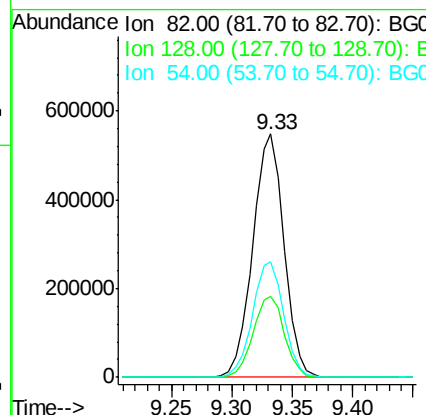
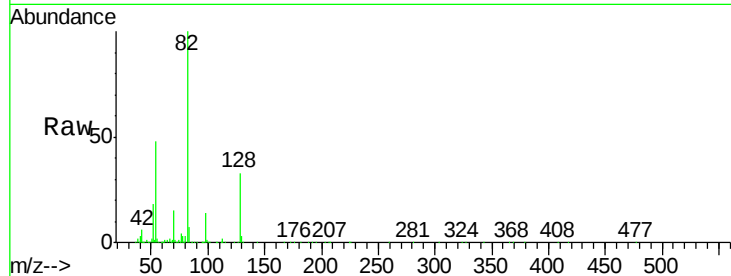




#23
 Nitrobenzene-d5
 Concen: 85.40 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

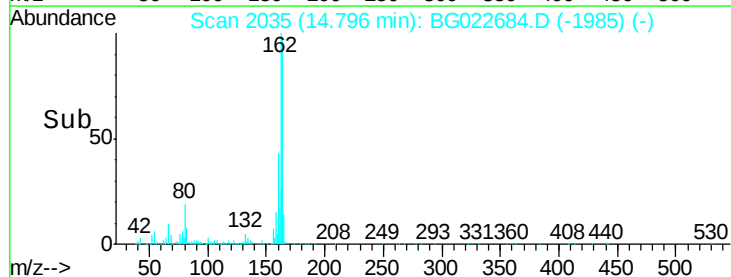
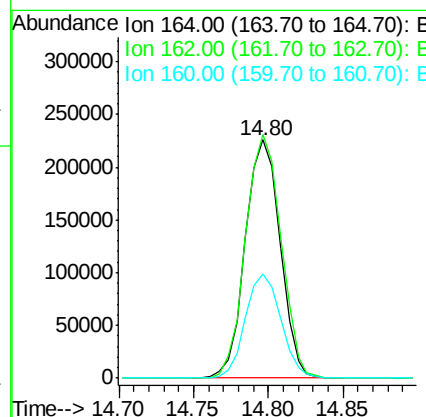
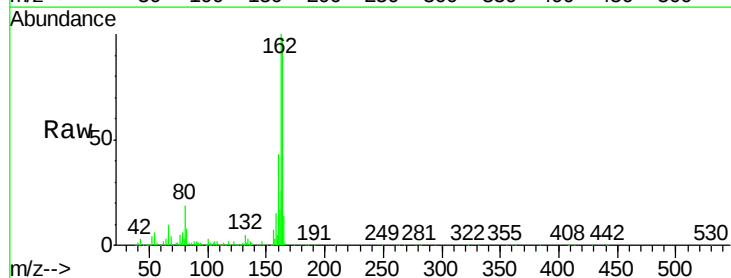
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BL

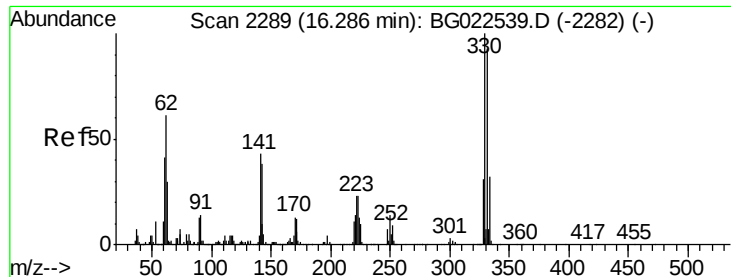
Tot Ion	82	Resp	983609
Ion Ratio	Lower	Upper	
82	100		
128	33.1	24.4	36.6
54	47.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

Tgt Ion	164	Resp	364202
Ion Ratio	Lower	Upper	
164	100		
162	102.1	87.7	131.5
160	43.9	37.2	55.8

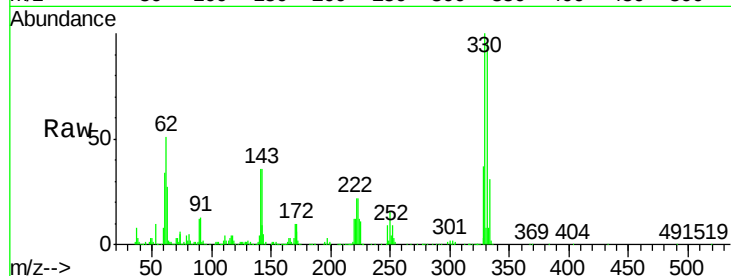




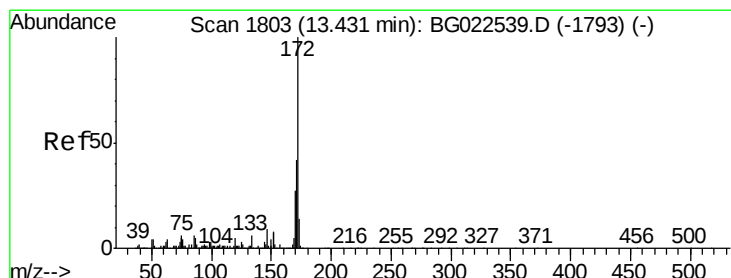
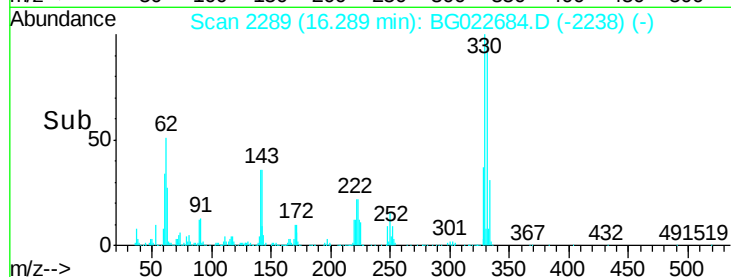
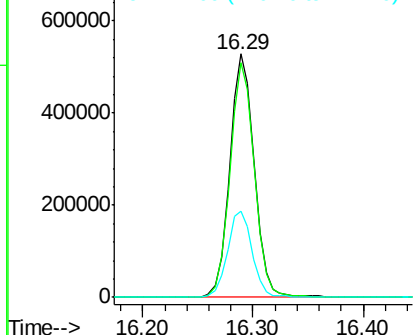
#41
 2,4,6-Tribromophenol
 Concen: 143.75 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BL

Tot Ion:330 Resp: 823441
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 35.6 31.7 47.5

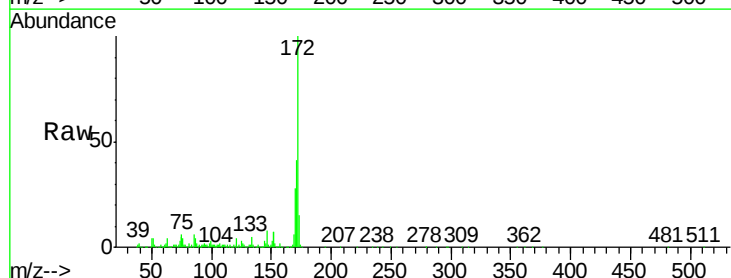


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

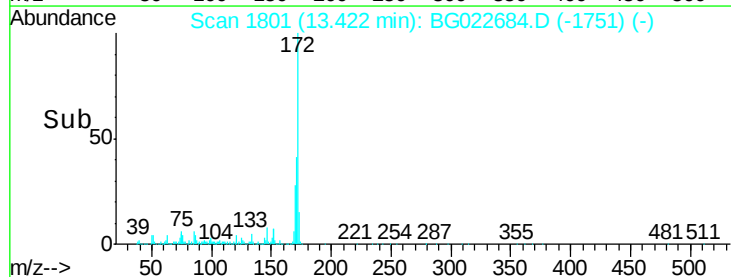
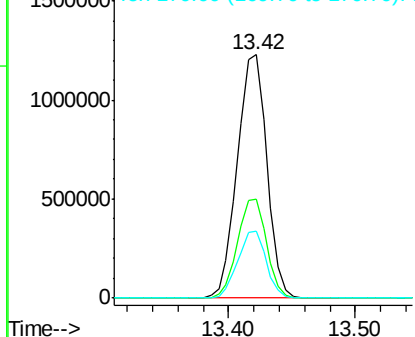


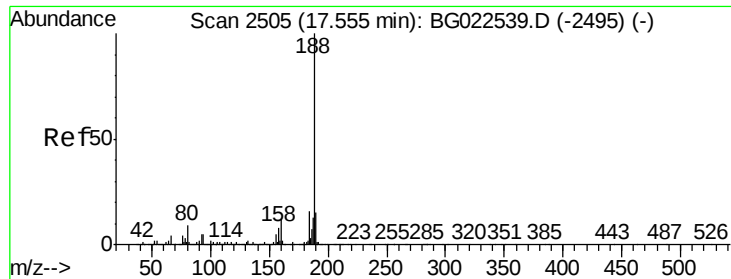
#44
 2-Fluorobiphenyl
 Concen: 86.36 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

Tgt Ion:172 Resp: 1983283
 Ion Ratio Lower Upper
 172 100
 171 40.6 31.6 47.4
 170 27.5 21.3 31.9



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

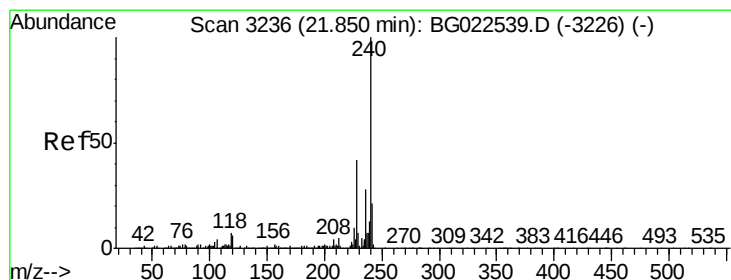
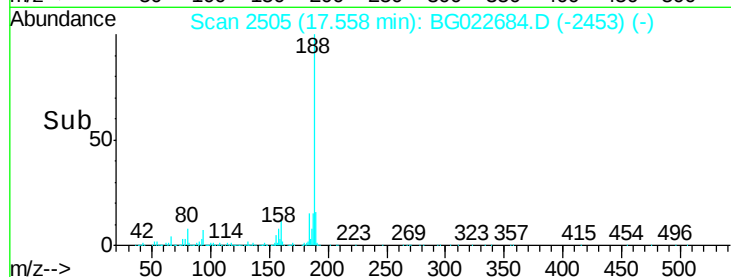
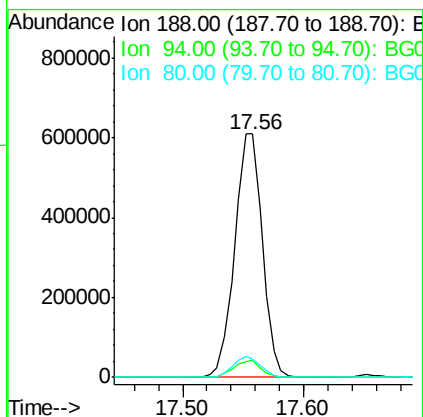
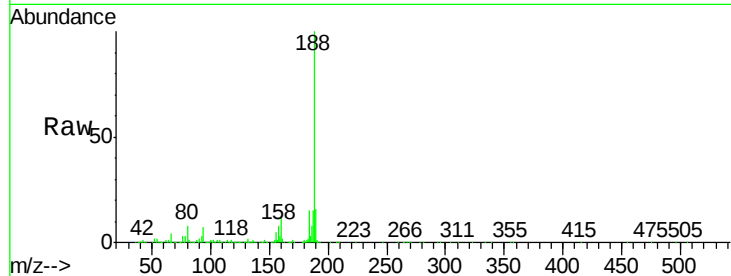




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

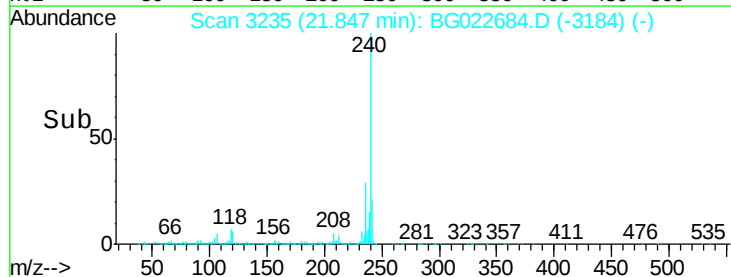
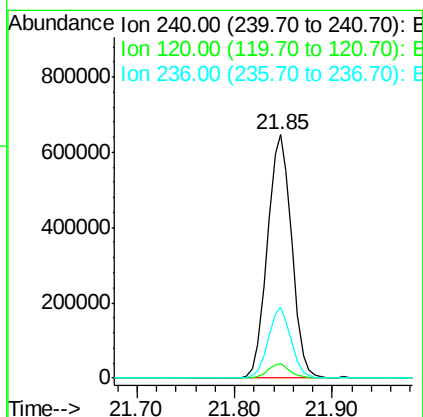
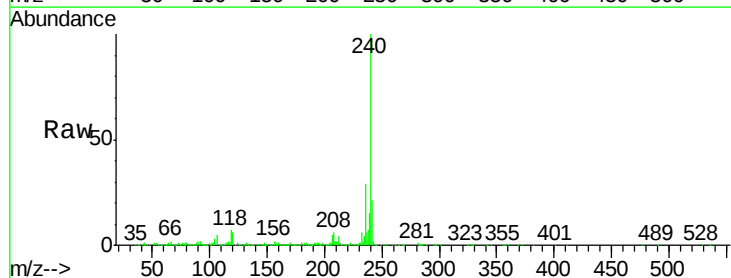
Instrument :
BNA_G
ClientSampleId :
PB91509BL

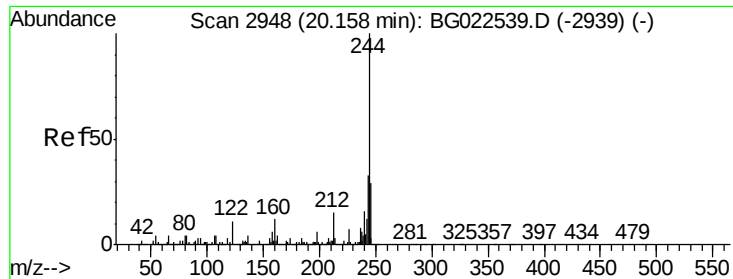
Tot Ion:188 Resp: 972914
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 7.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

Tgt Ion:240 Resp: 1131505
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 28.9 21.1 31.7





#78

Terphenyl-d14

Concen: 74.11 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

BNA_G

ClientSampled :

PB91509BL

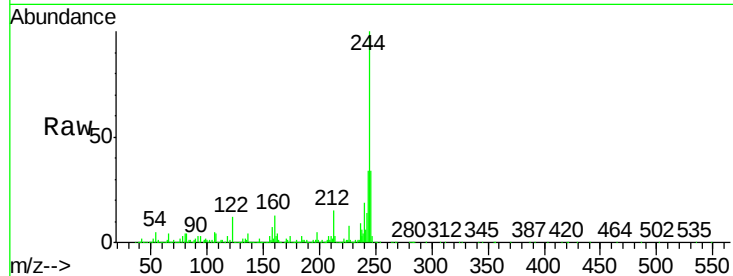
Tot Ion:244 Resp: 3165020

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

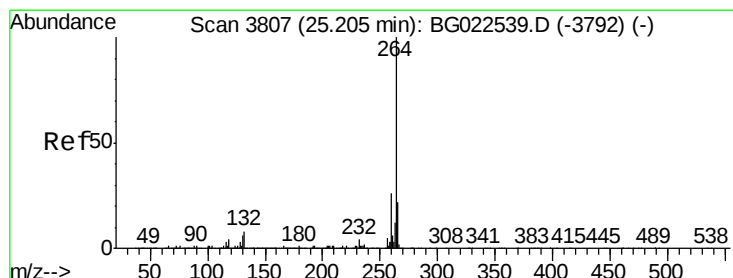
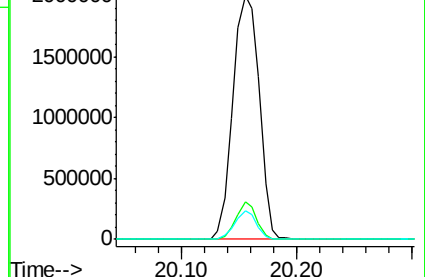
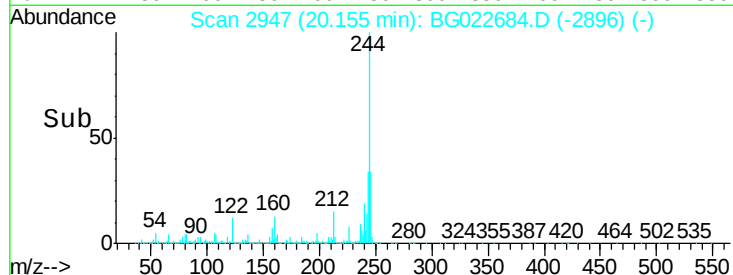
122 11.7 8.0 12.0



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: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

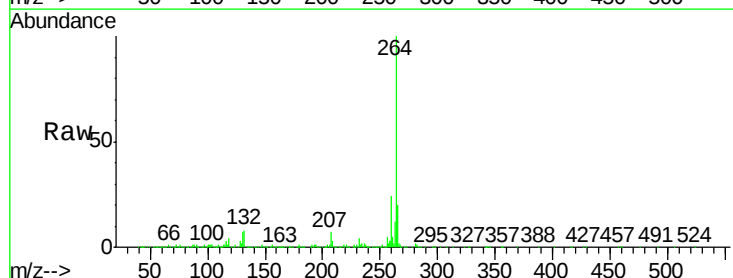
Tgt Ion:264 Resp: 1109096

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.4 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

