

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022652.D
 Acq On : 27 Jun 2016 21:18
 Operator : UM/SJ
 Sample : PB91595TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91595TB

Quant Time: Jun 28 01:35:21 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	143444	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	621564	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	461923	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1269232	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1421562	20.00	ng	0.00
86) Perylene-d12	25.21	264	1401278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	957257	107.04	ng	0.00
7) Phenol-d6	7.31	99	1432166	113.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	977102	66.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	826569	113.77	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1963023	67.39	ng	0.00
78) Terphenyl-d14	20.16	244	3105431	57.88	ng	0.00

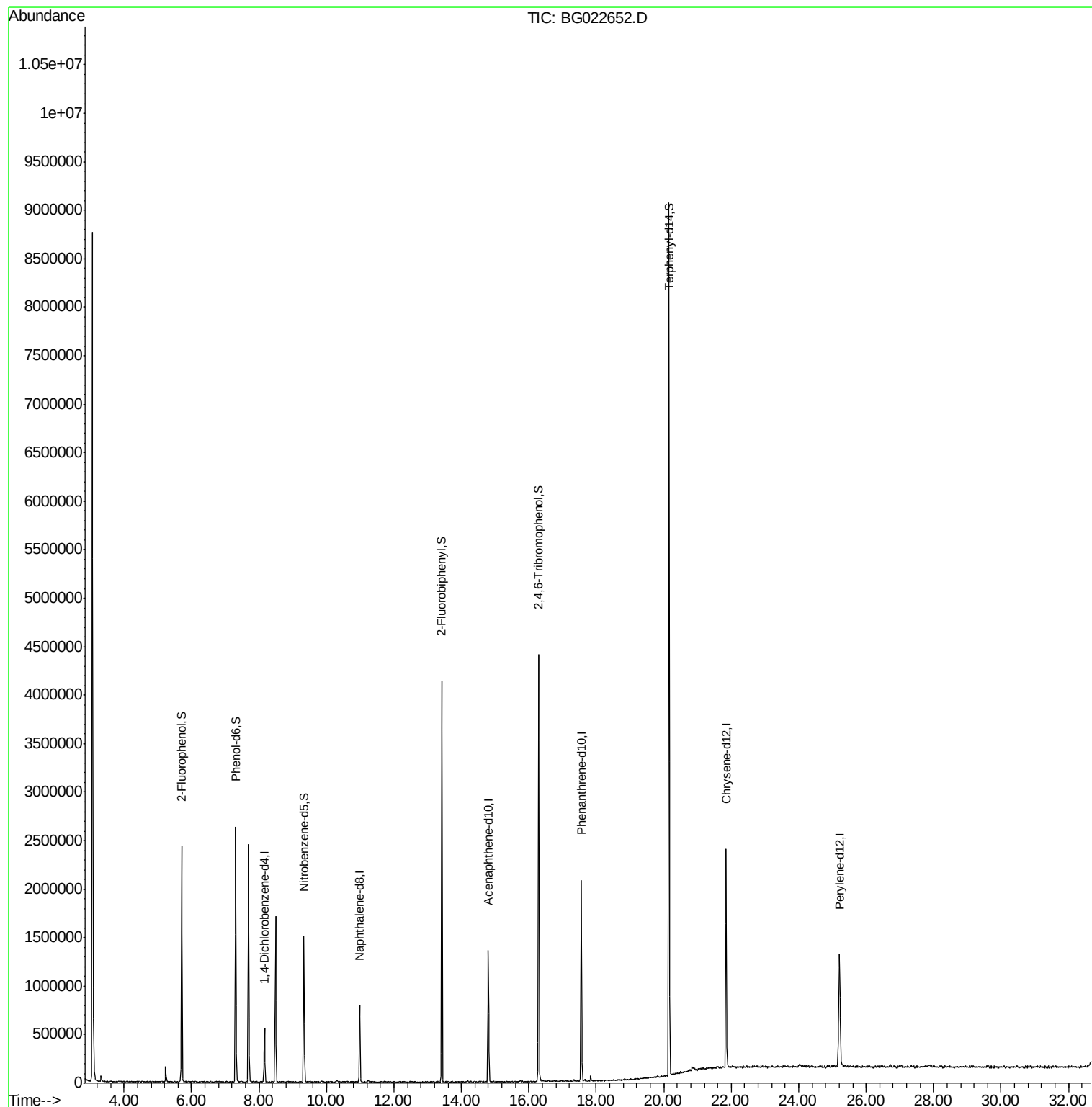
Target Compounds Qvalue

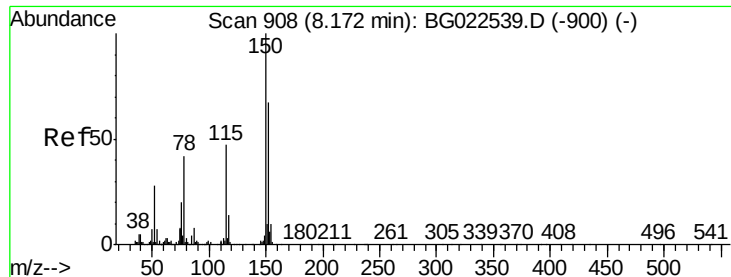
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

Instrument :

BNA_G

ClientSampleId :

PB91595TB

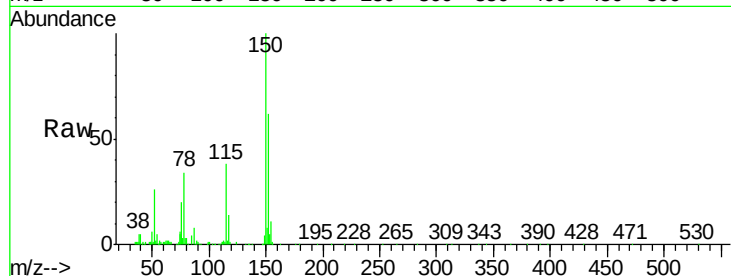
Tot Ion:152 Resp: 143444

Ion Ratio Lower Upper

152 100

150 162.0 144.7 217.1

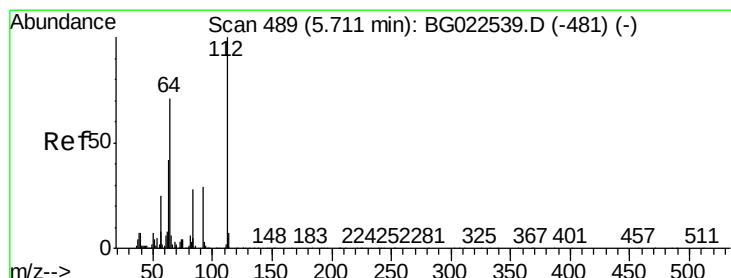
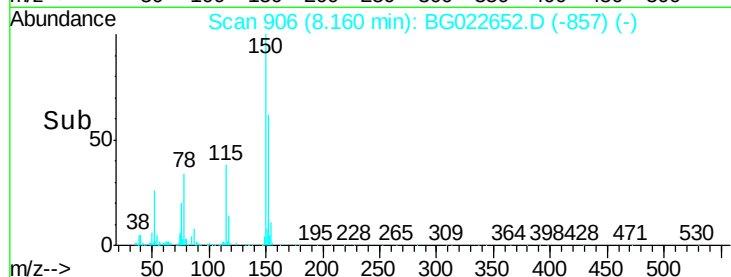
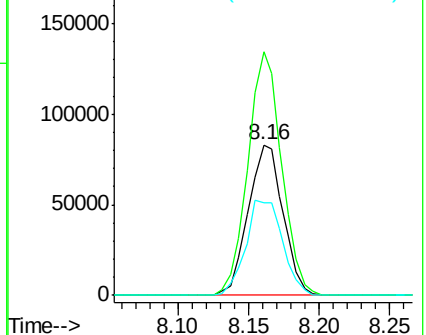
115 61.3 64.0 96.0#



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: 107.04 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

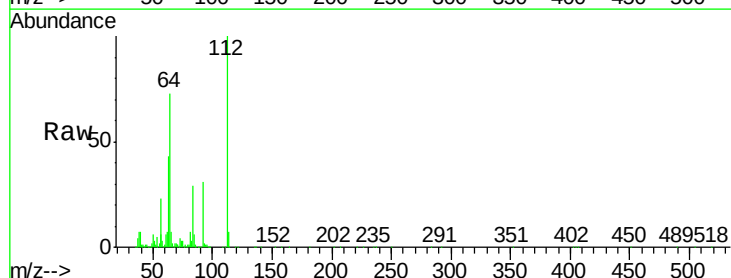
Tgt Ion:112 Resp: 957257

Ion Ratio Lower Upper

112 100

64 73.0 59.0 88.4

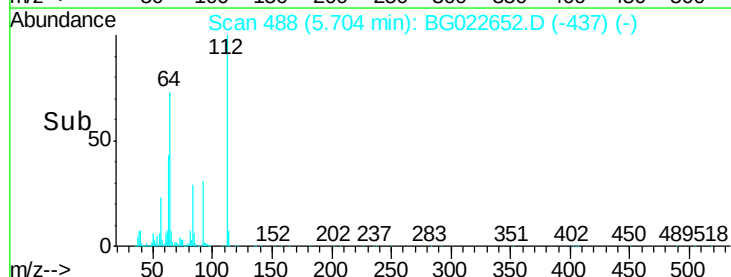
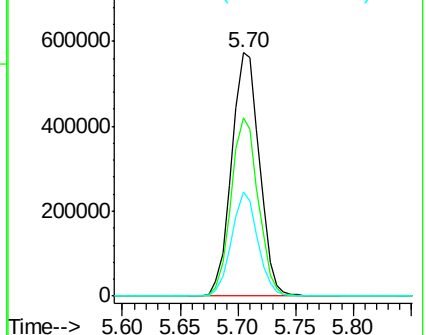
63 42.8 37.8 56.8

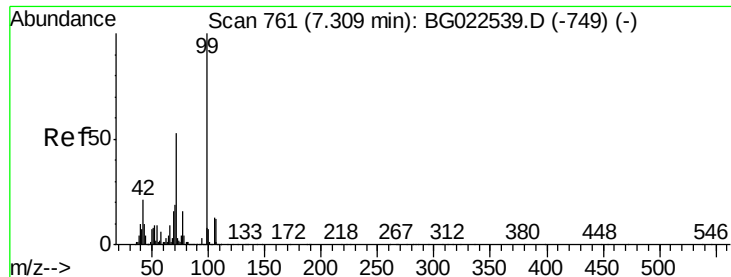


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.61 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

Instrument :

BNA_G

ClientSampled :

PB91595TB

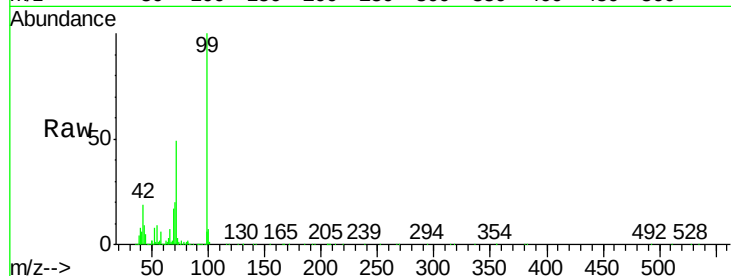
Tot Ion: 99 Resp: 1432166

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	48.6	41.5	62.3

99 100

42 18.9 17.8 26.6

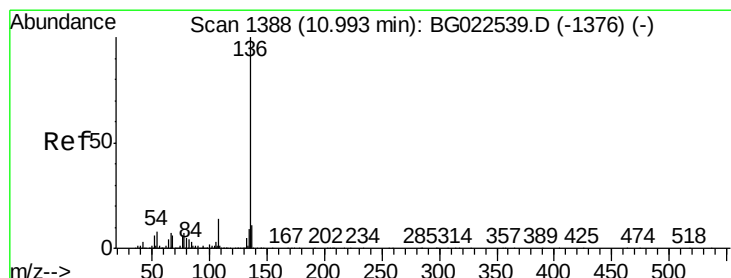
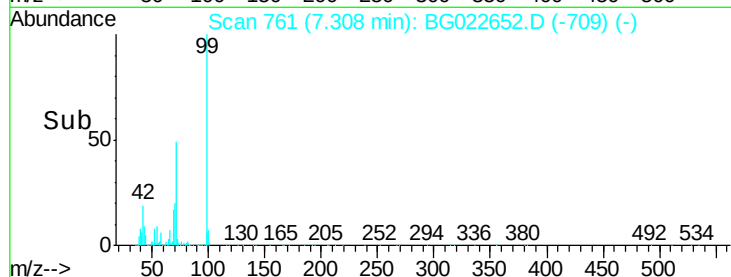
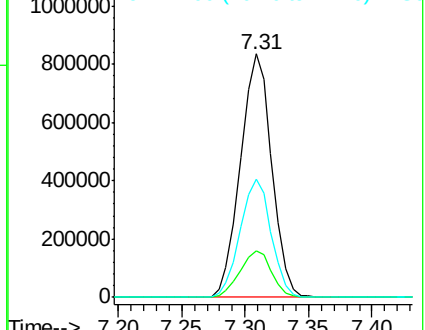
71 48.6 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

Tgt Ion: 136 Resp: 621564

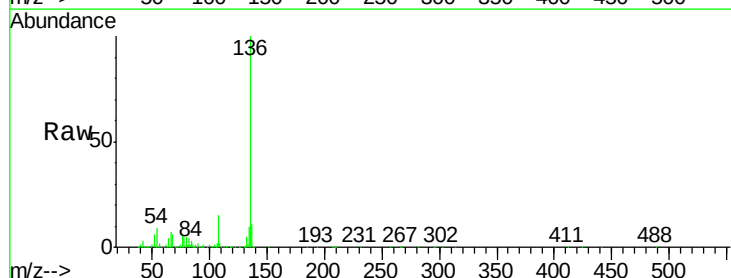
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.8	7.3	10.9
68	6.1	5.3	7.9

136 100

137 10.7 9.6 14.4

54 8.8 7.3 10.9

68 6.1 5.3 7.9

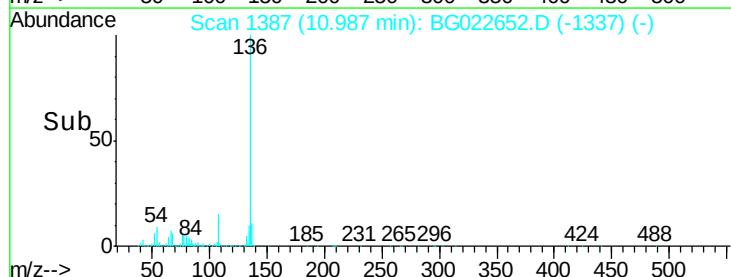
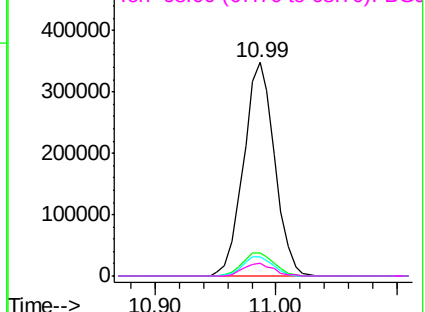


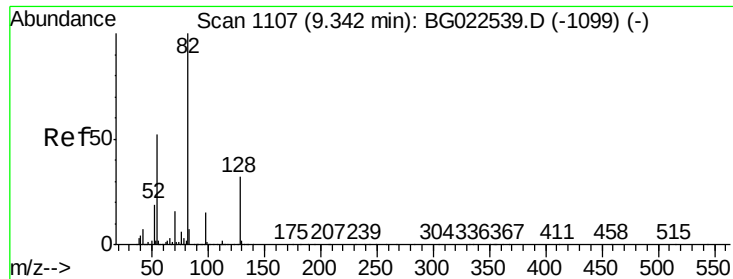
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

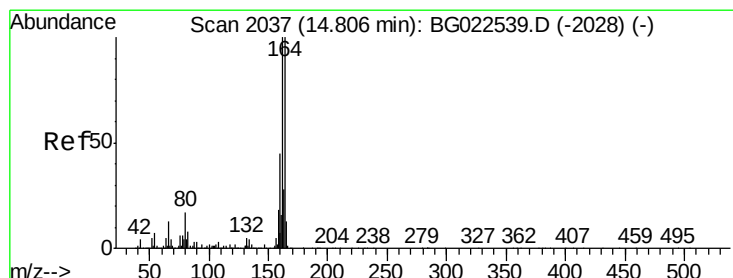
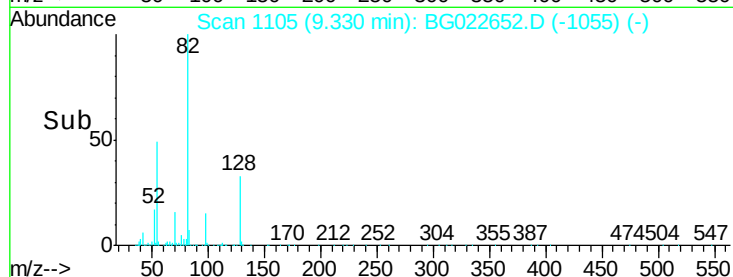
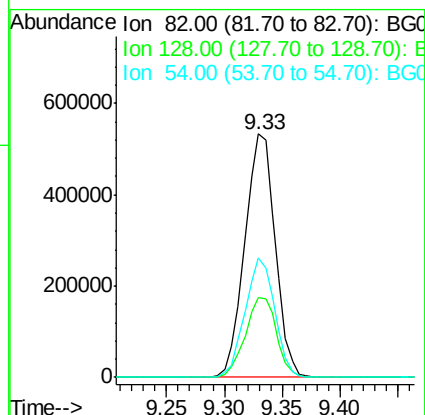
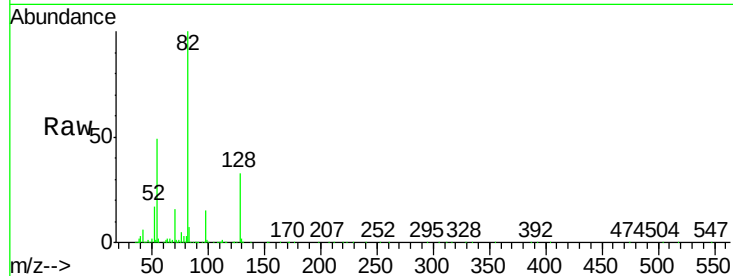




#23
 Nitrobenzene-d5
 Concen: 66.53 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022652.D
 Acq: 27 Jun 2016 21:18

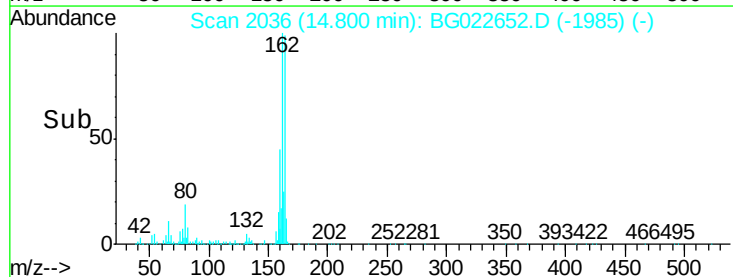
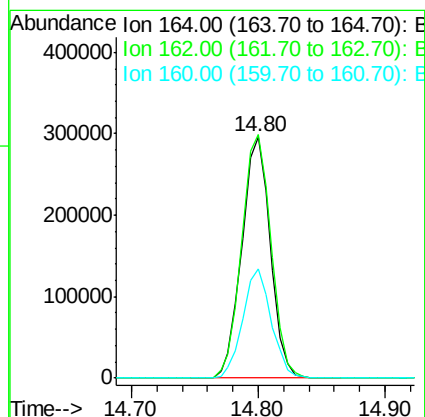
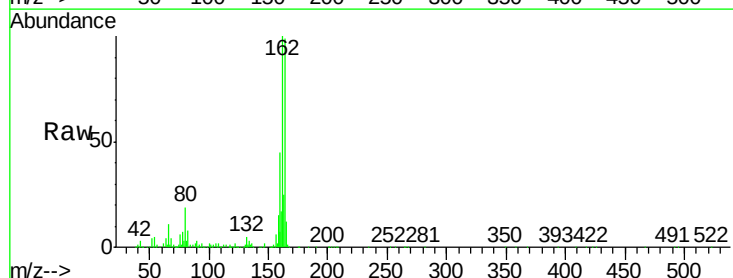
Instrument :
 BNA_G
 ClientSampleId :
 PB91595TB

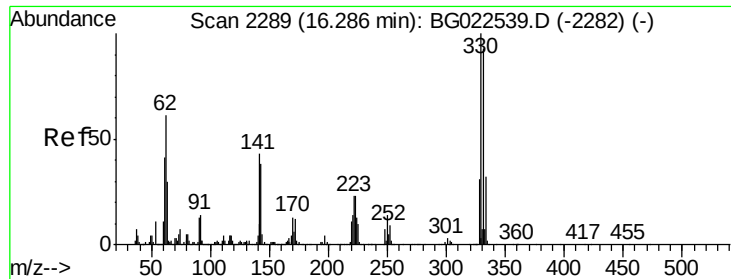
Tot Ion	82	Resp	977102
Ion Ratio	100	Lower	Upper
128	32.5	24.4	36.6
54	48.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022652.D
 Acq: 27 Jun 2016 21:18

Tgt Ion	164	Resp	461923
Ion Ratio	100	Lower	Upper
162	100.9	87.7	131.5
160	45.1	37.2	55.8

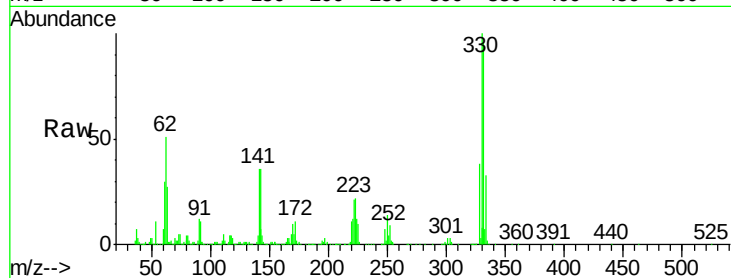




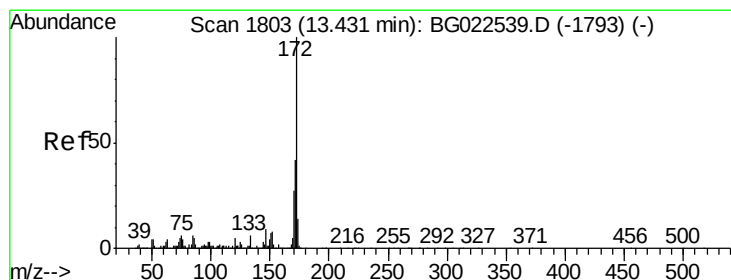
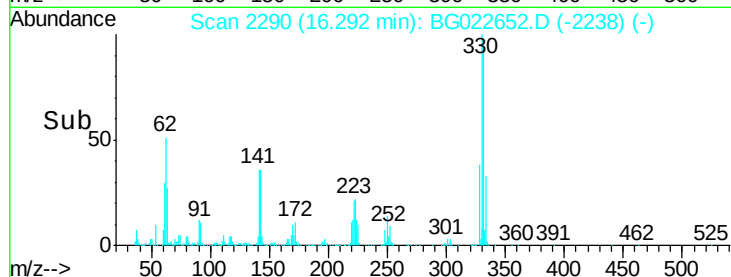
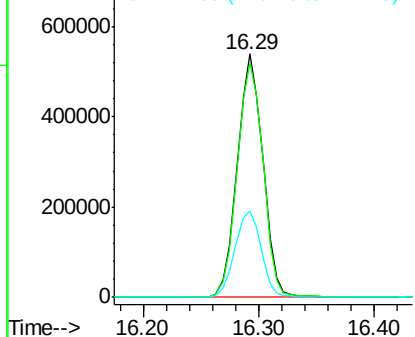
#41
2,4,6-Tribromophenol
Concen: 113.77 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG022652.D
Acq: 27 Jun 2016 21:18

Instrument :
BNA_G
ClientSampleId :
PB91595TB

Tot Ion:330 Resp: 826569
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 36.7 31.7 47.5

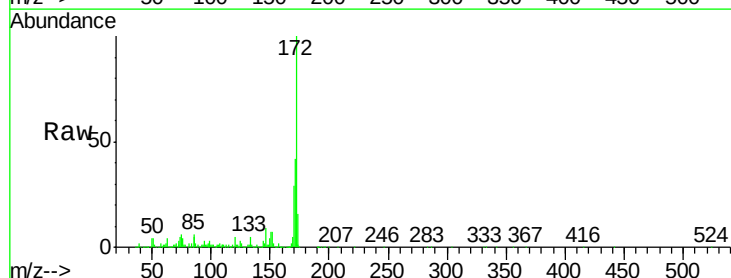


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

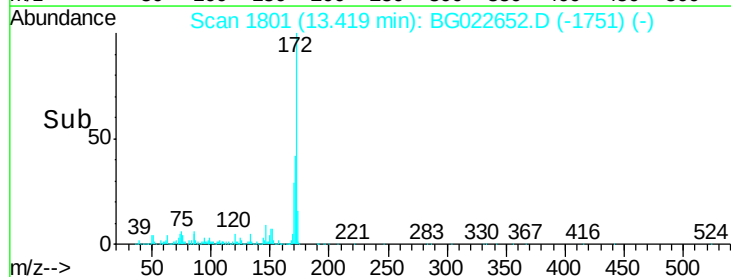
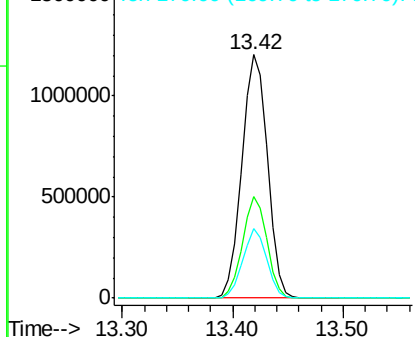


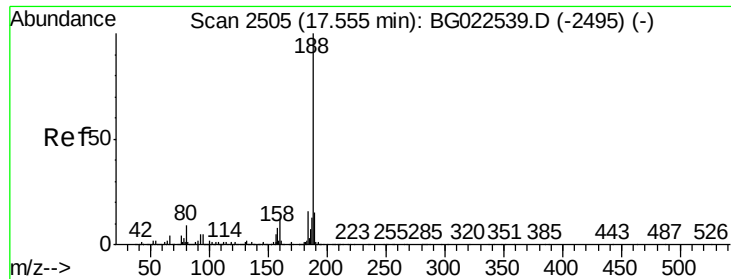
#44
2-Fluorobiphenyl
Concen: 67.39 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022652.D
Acq: 27 Jun 2016 21:18

Tgt Ion:172 Resp: 1963023
Ion Ratio Lower Upper
172 100
171 41.7 31.6 47.4
170 28.8 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

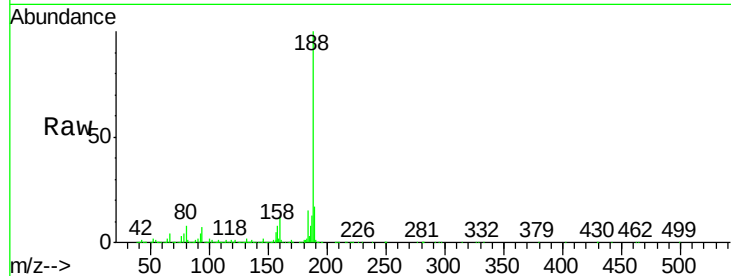




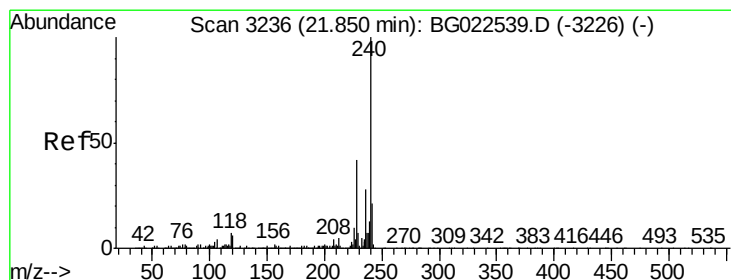
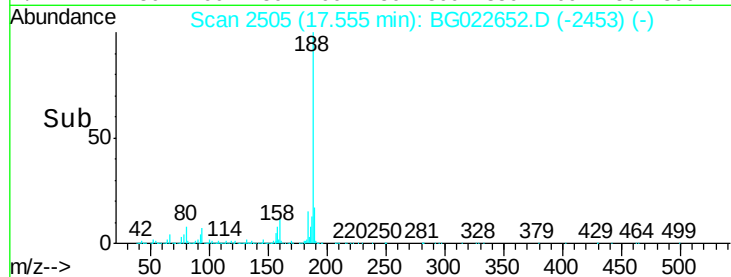
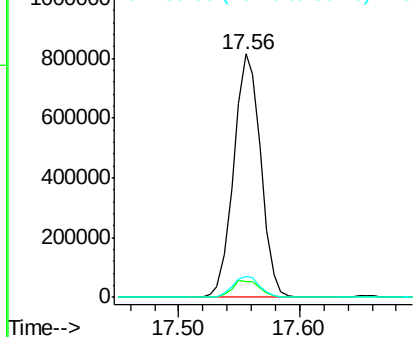
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022652.D
Acq: 27 Jun 2016 21:18

Instrument :
BNA_G
ClientSampleId :
PB91595TB

Tot Ion:188 Resp: 1269232
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.5 7.2 10.8

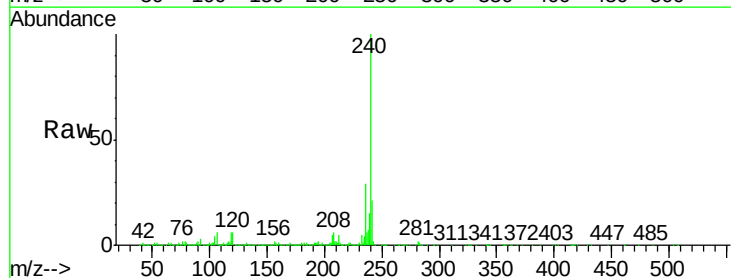


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

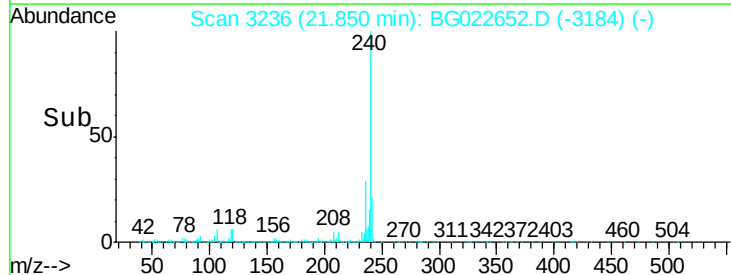
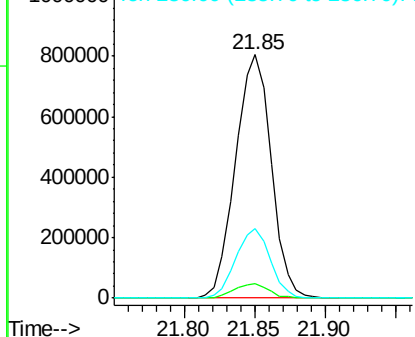


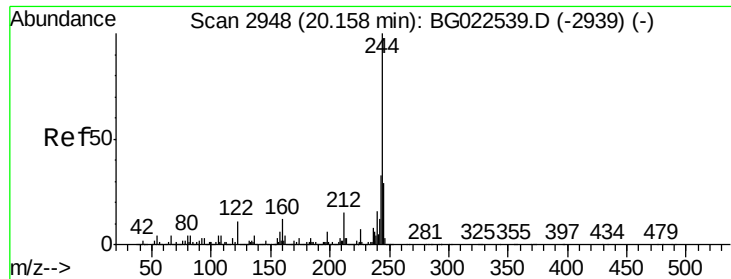
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022652.D
Acq: 27 Jun 2016 21:18

Tgt Ion:240 Resp: 1421562
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1
236 28.5 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





#78

Terphenyl-d14

Concen: 57.88 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

Instrument :

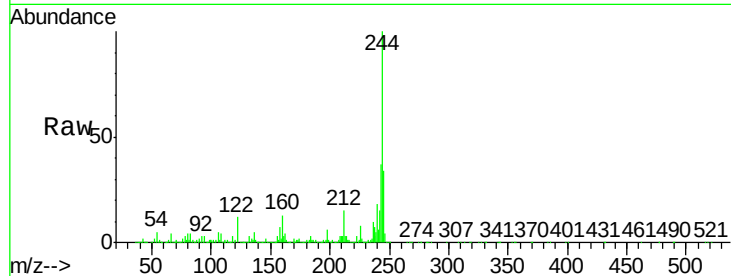
BNA_G

ClientSampleId :

PB91595TB

Tot Ion:244 Resp: 3105431

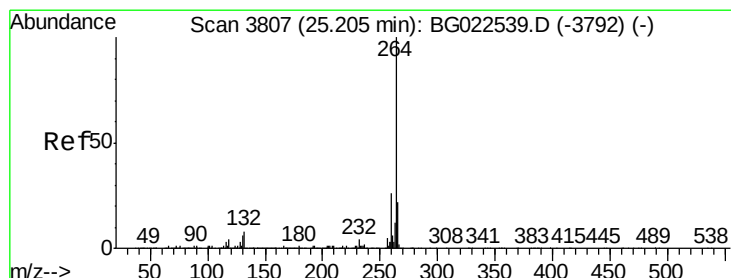
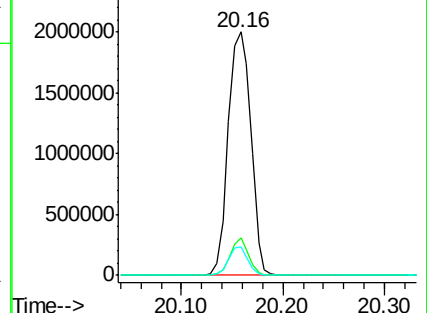
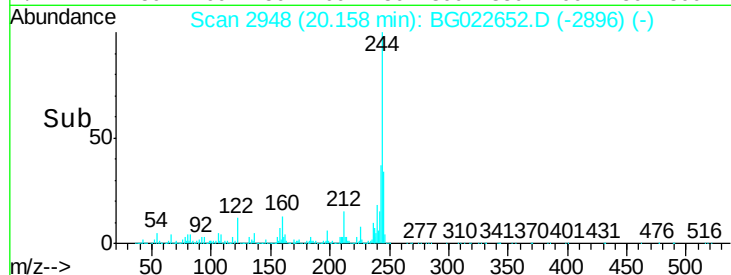
Ion	Ratio	Lower	Upper
244	100		
212	15.4	10.8	16.2
122	11.7	8.0	12.0



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: 25.21 min Scan# 3808

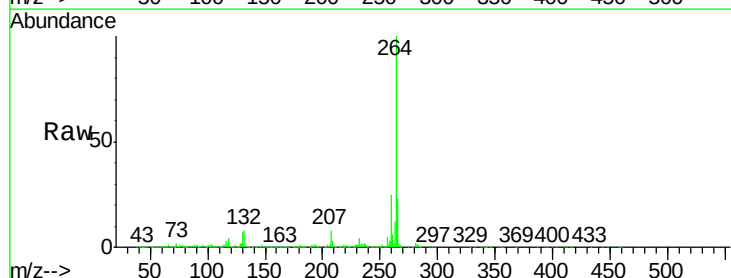
Delta R.T. 0.01 min

Lab File: BG022652.D

Acq: 27 Jun 2016 21:18

Tgt Ion:264 Resp: 1401278

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.7	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

