

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022655.D
 Acq On : 27 Jun 2016 23:18
 Operator : UM/SJ
 Sample : PB91542BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91542BL

Quant Time: Jun 28 01:10:11 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

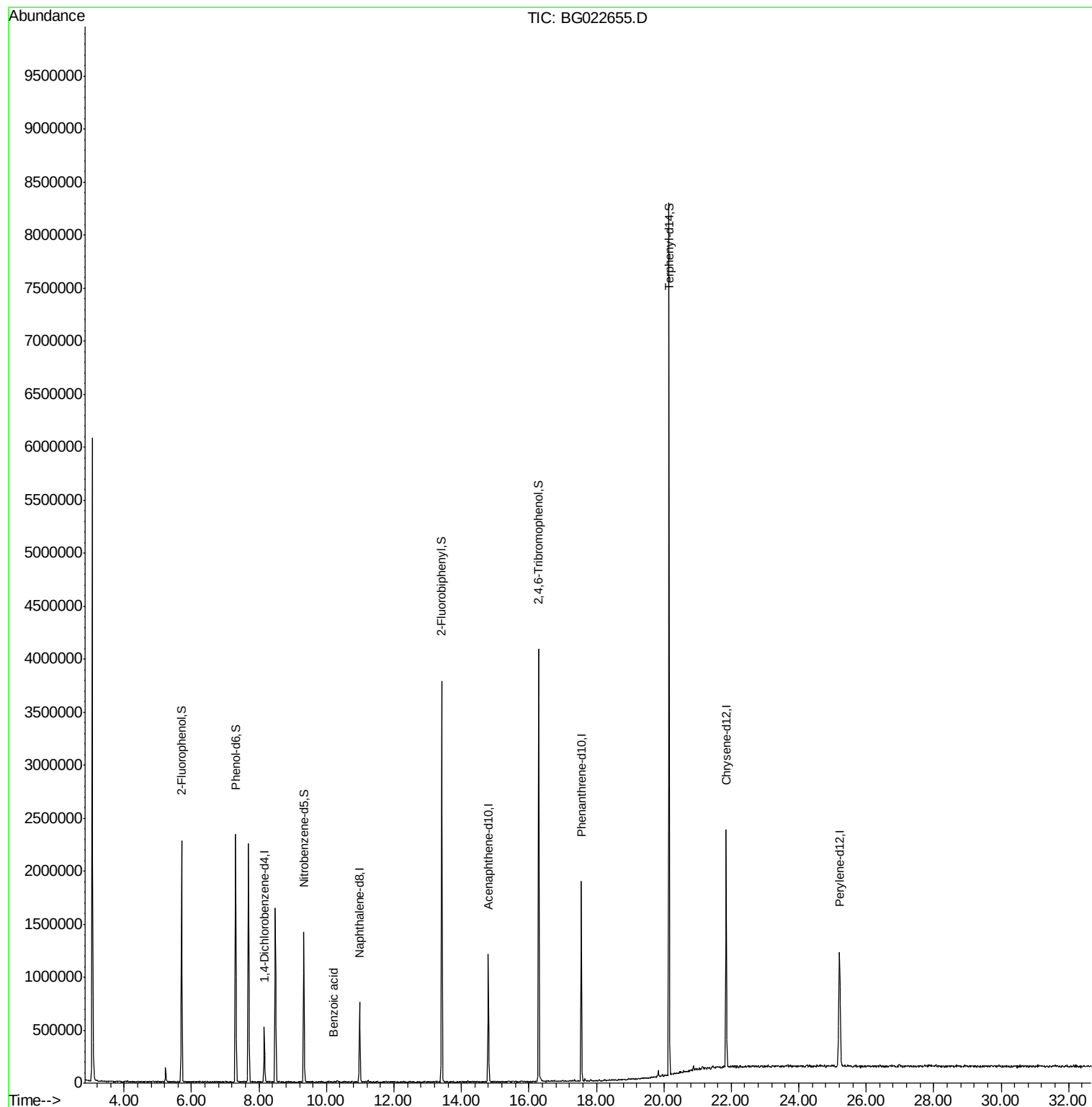
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	137808	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	580282	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	417871	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1149071	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1349232	20.00	ng	0.00
86) Perylene-d12	25.21	264	1345376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	900437	104.80	ng	0.00
7) Phenol-d6	7.31	99	1313651	108.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	905661	66.06	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	747298	113.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1807482	68.60	ng	0.00
78) Terphenyl-d14	20.15	244	2984953	58.61	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	69	5.12	ng	Qvalue # 1

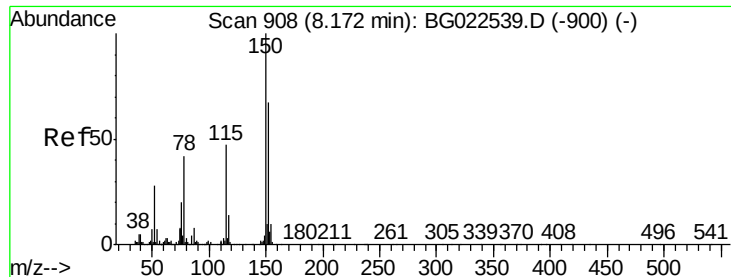
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

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BNA_G

ClientSampleId :

PB91542BL

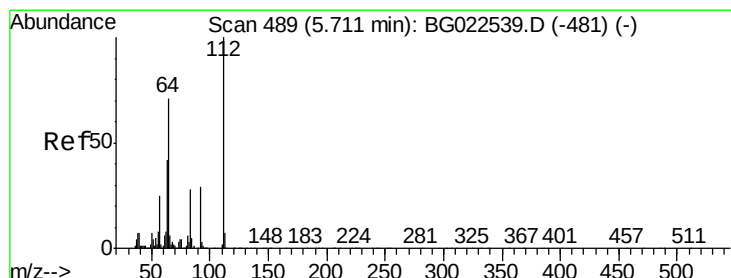
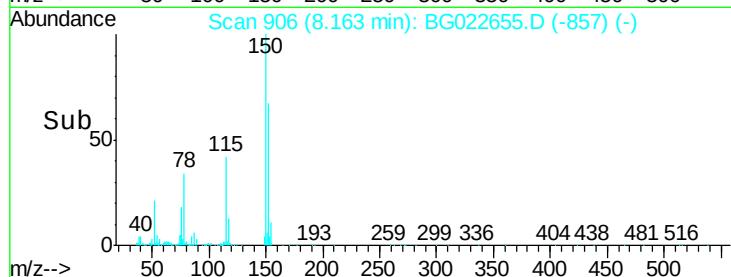
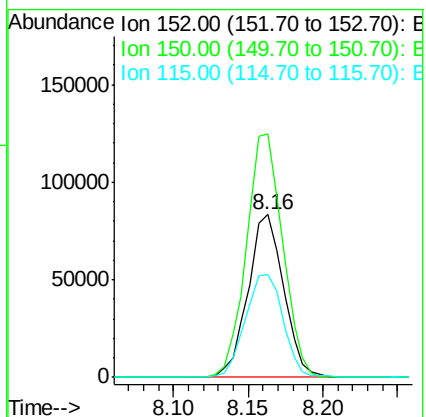
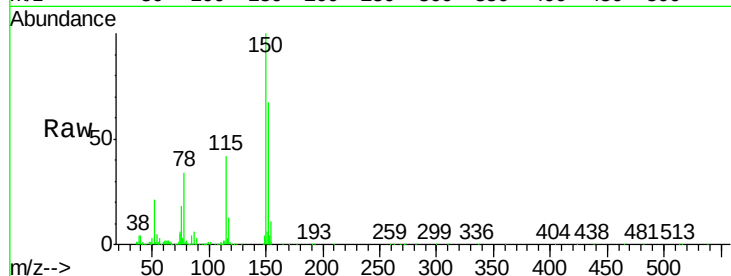
Tgt Ion:152 Resp: 137808

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

115 62.9 64.0 96.0#



#5

2-Fluorophenol

Concen: 104.80 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

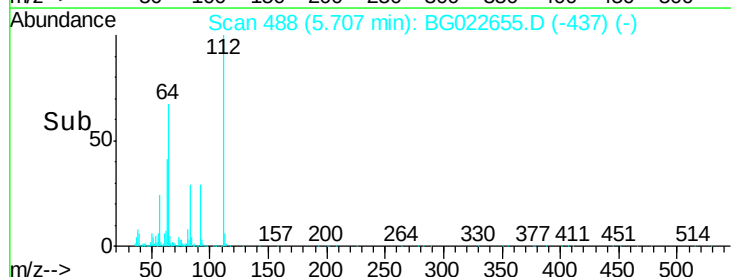
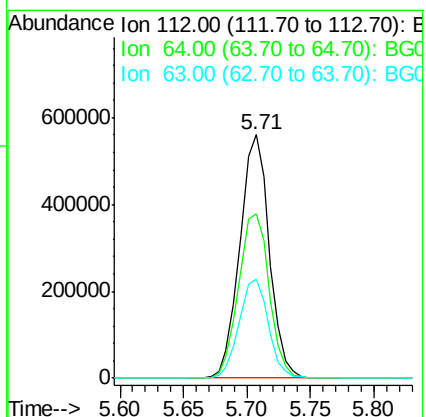
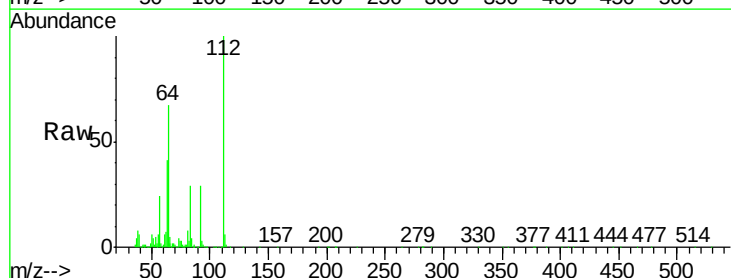
Tgt Ion:112 Resp: 900437

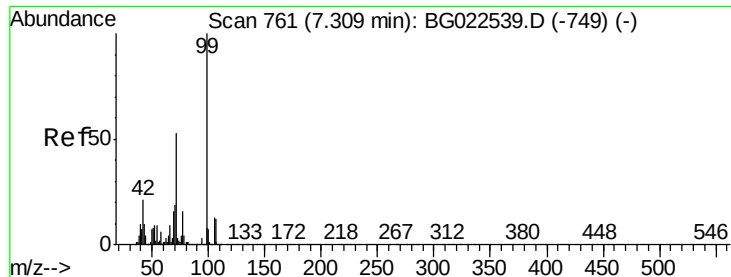
Ion Ratio Lower Upper

112 100

64 67.4 59.0 88.4

63 40.5 37.8 56.8





#7

Phenol-d6

Concen: 108.47 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

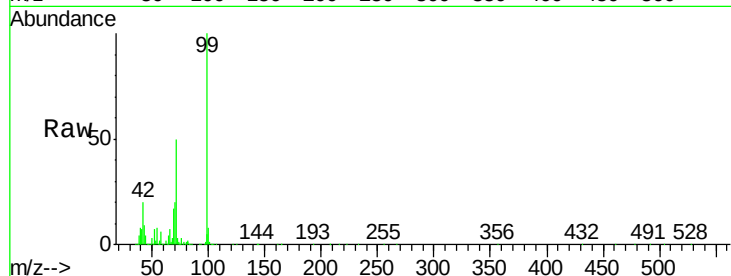
Tgt Ion: 99 Resp: 1313651

Ion Ratio Lower Upper

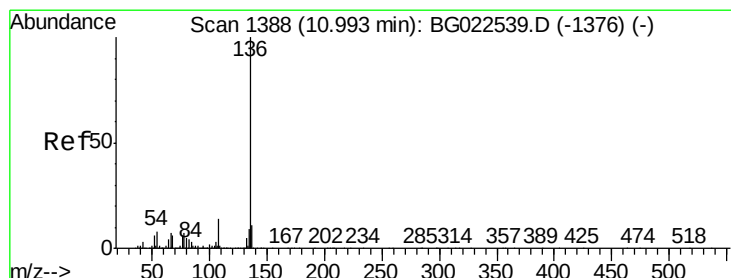
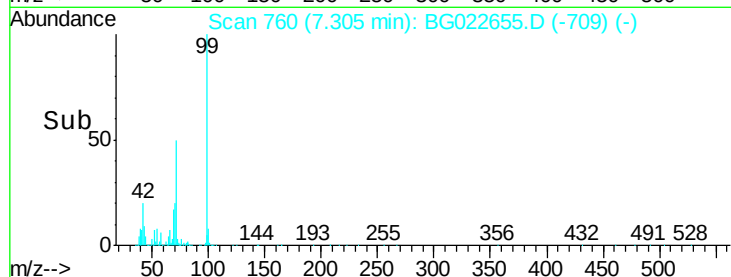
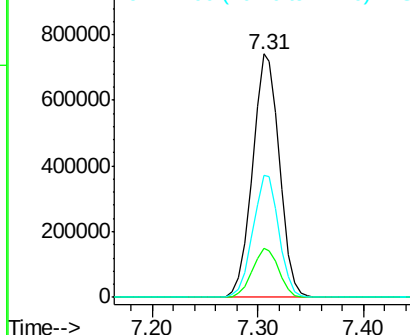
99 100

42 20.1 17.8 26.6

71 50.3 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: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion: 136 Resp: 580282

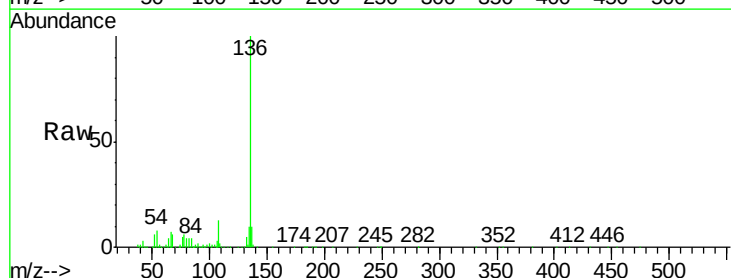
Ion Ratio Lower Upper

136 100

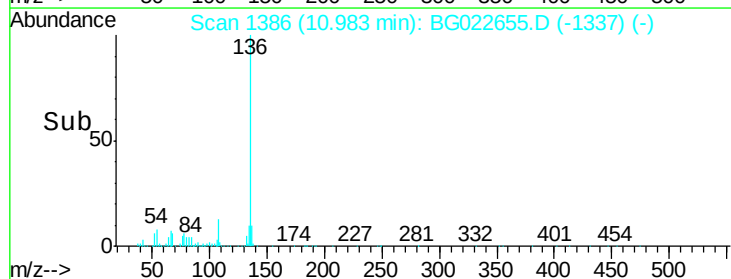
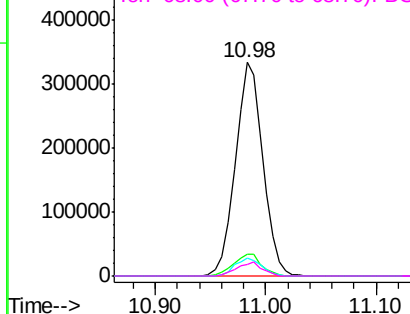
137 10.2 9.6 14.4

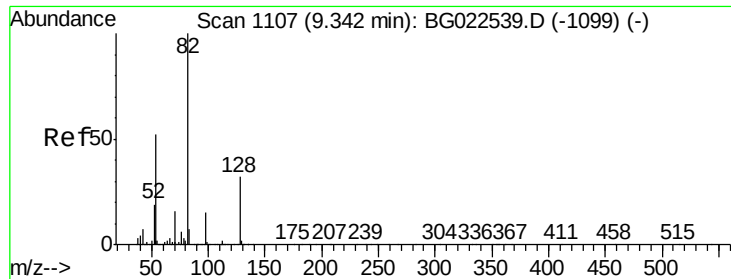
54 8.3 7.3 10.9

68 5.7 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

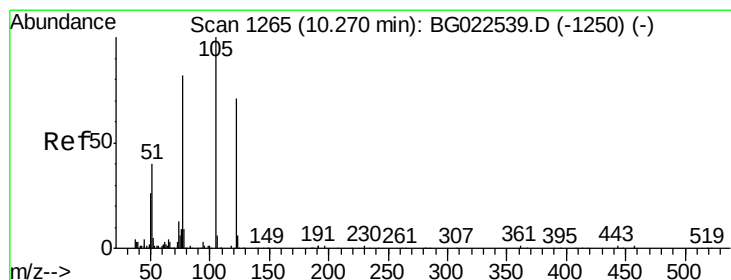
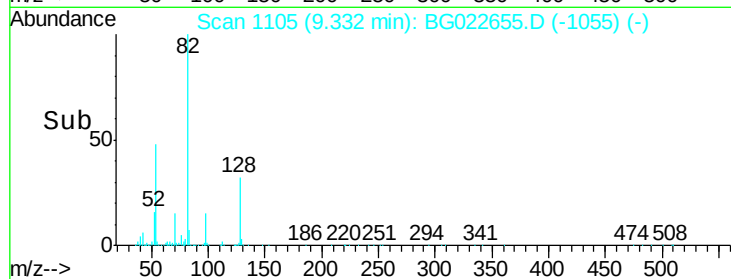
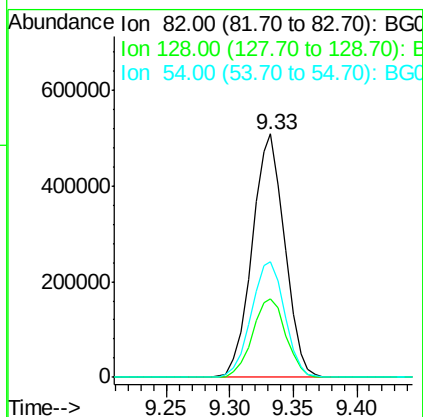
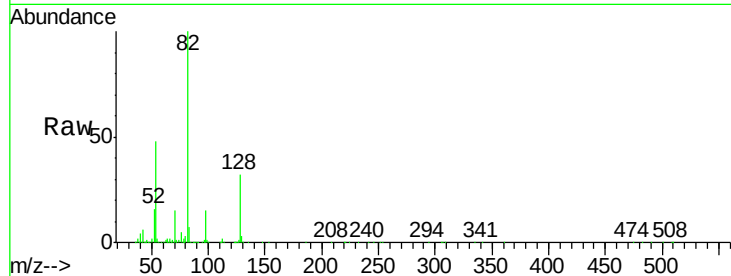




#23
 Nitrobenzene-d5
 Concen: 66.06 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

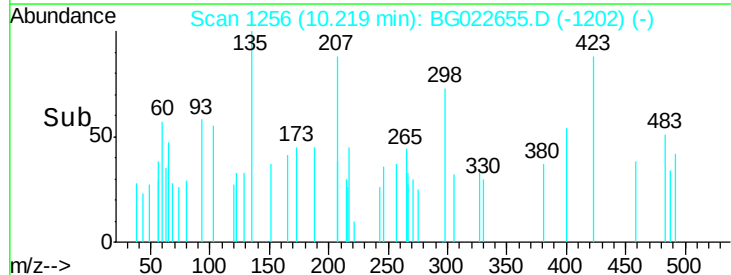
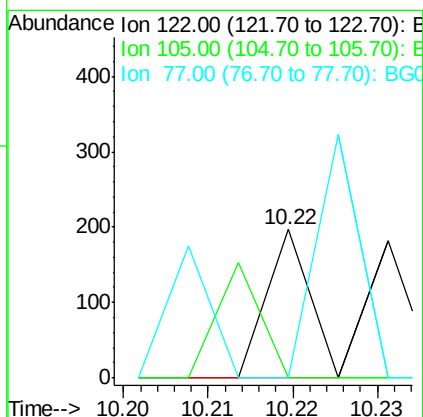
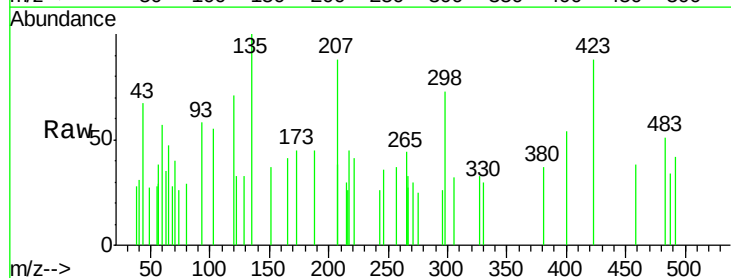
Instrument :
 BNA_G
 ClientSampleId :
 PB91542BL

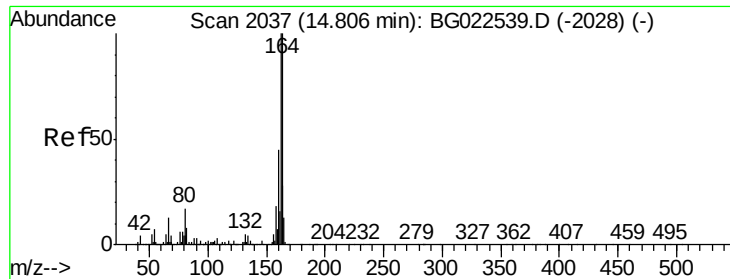
Tgt Ion: 82 Resp: 905661
 Ion Ratio Lower Upper
 82 100
 128 32.2 24.4 36.6
 54 47.7 41.4 62.0



#32
 Benzoic acid
 Concen: 5.12 ng
 RT: 10.22 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

Tgt Ion: 122 Resp: 69
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

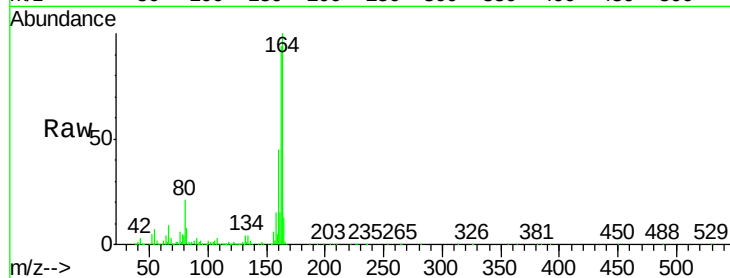
Tgt Ion:164 Resp: 417871

Ion Ratio Lower Upper

164 100

162 94.0 87.7 131.5

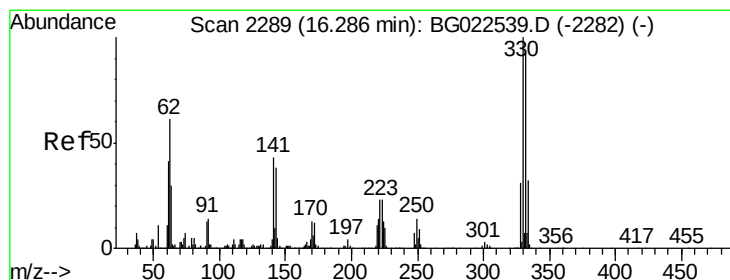
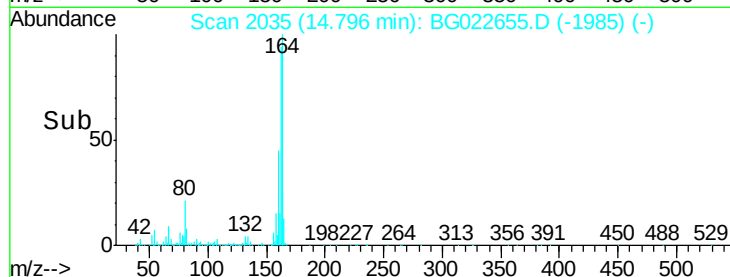
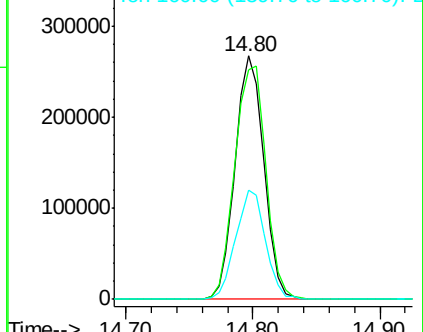
160 44.9 37.2 55.8



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: 113.70 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

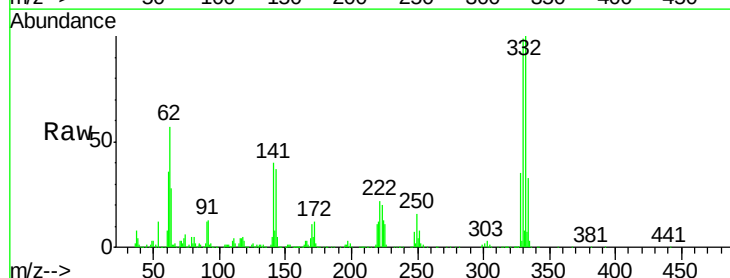
Tgt Ion:330 Resp: 747298

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

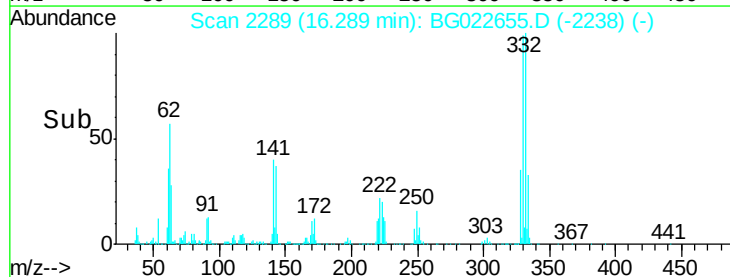
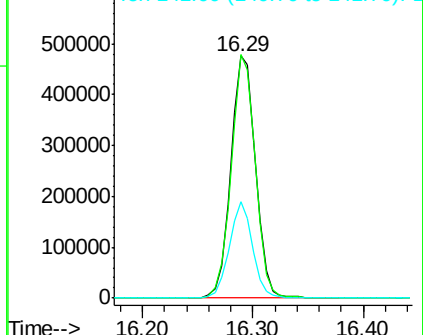
141 37.6 31.7 47.5

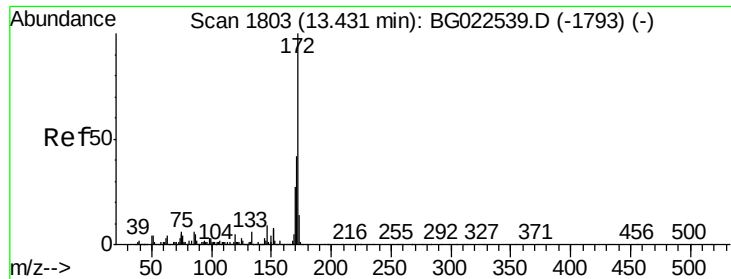


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

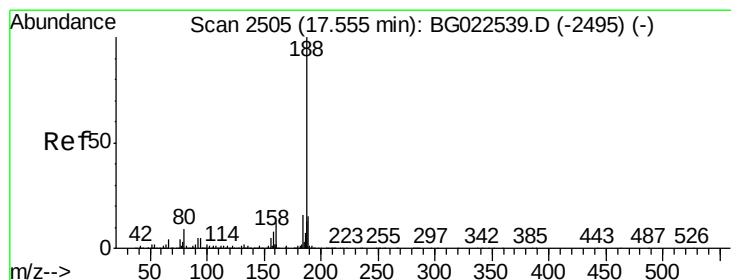
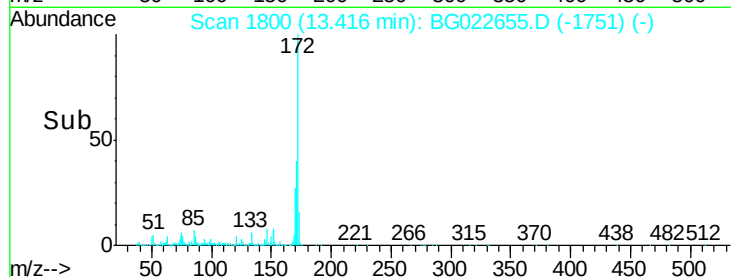
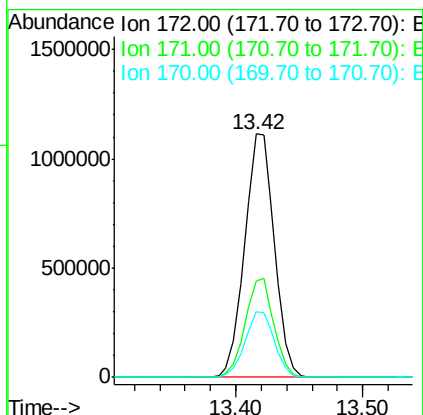
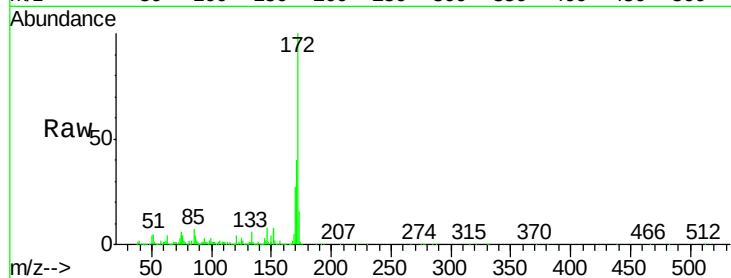




#44
2-Fluorobiphenyl
Concen: 68.60 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

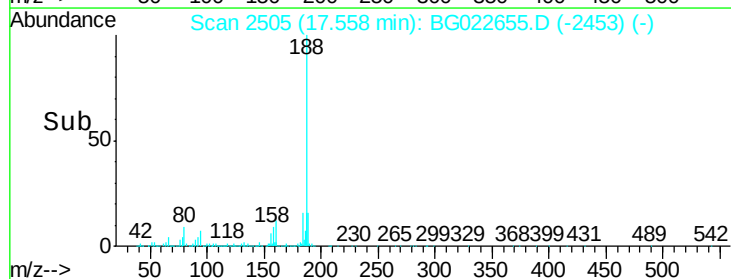
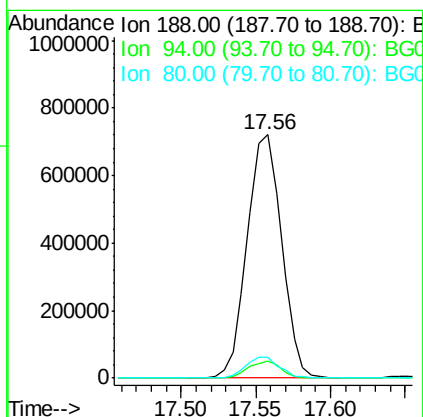
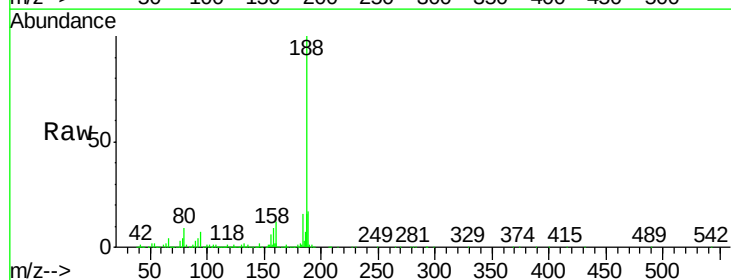
Instrument :
BNA_G
ClientSampled :
PB91542BL

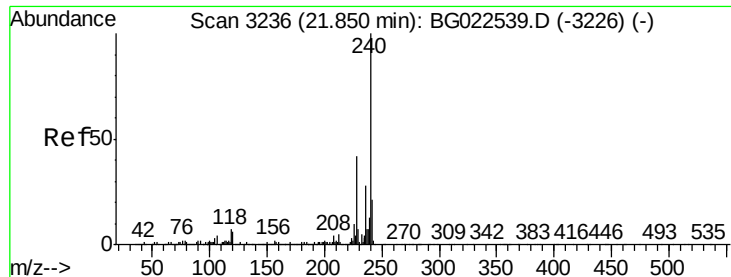
Tgt Ion:172 Resp: 1807482
Ion Ratio Lower Upper
172 100
171 39.6 31.6 47.4
170 26.9 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:188 Resp: 1149071
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.8 7.2 10.8

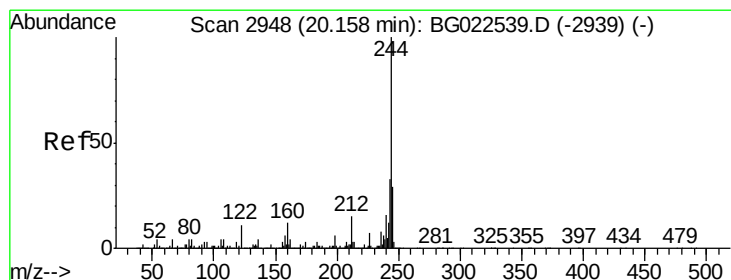
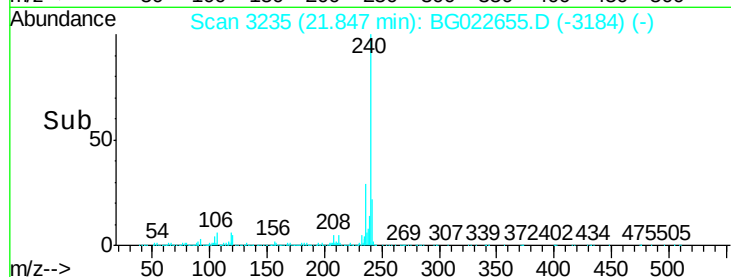
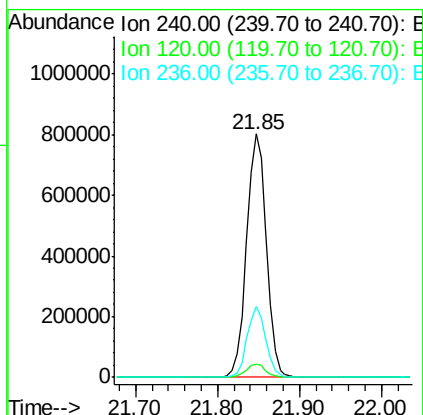
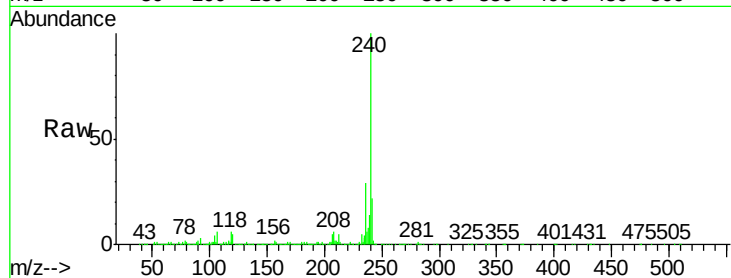




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

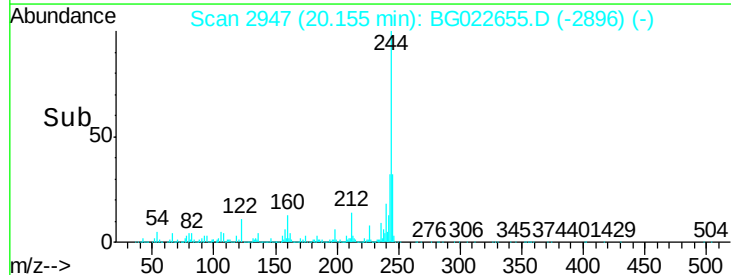
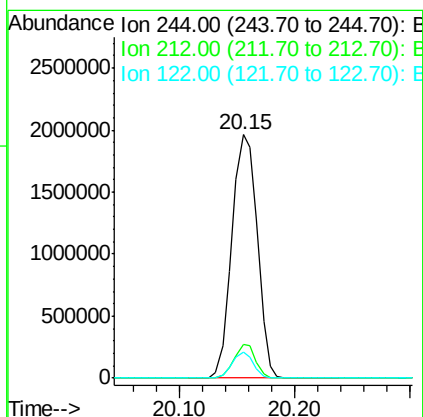
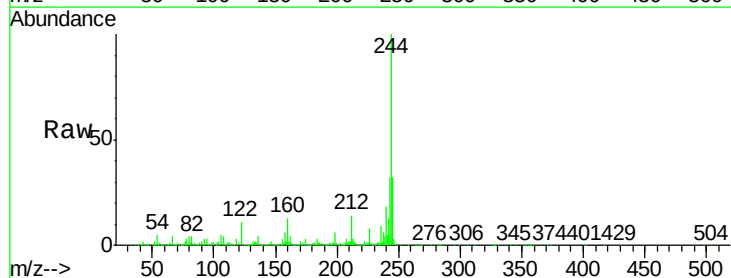
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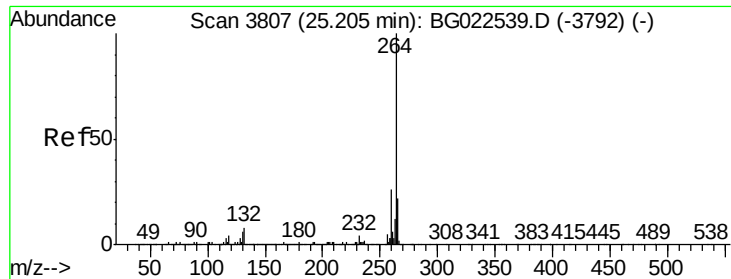
Tgt Ion:240 Resp: 1349232
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 29.3 21.1 31.7



#78
 Terphenyl-d14
 Concen: 58.61 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

Tgt Ion:244 Resp: 2984953
 Ion Ratio Lower Upper
 244 100
 212 13.6 10.8 16.2
 122 10.8 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
PB91542BL

Tgt Ion: 264 Resp: 1345376

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	18.9	28.3

