

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022559.D
 Acq On : 25 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3630-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1409-TP-RB01-0616

Quant Time: Jun 25 05:42:28 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

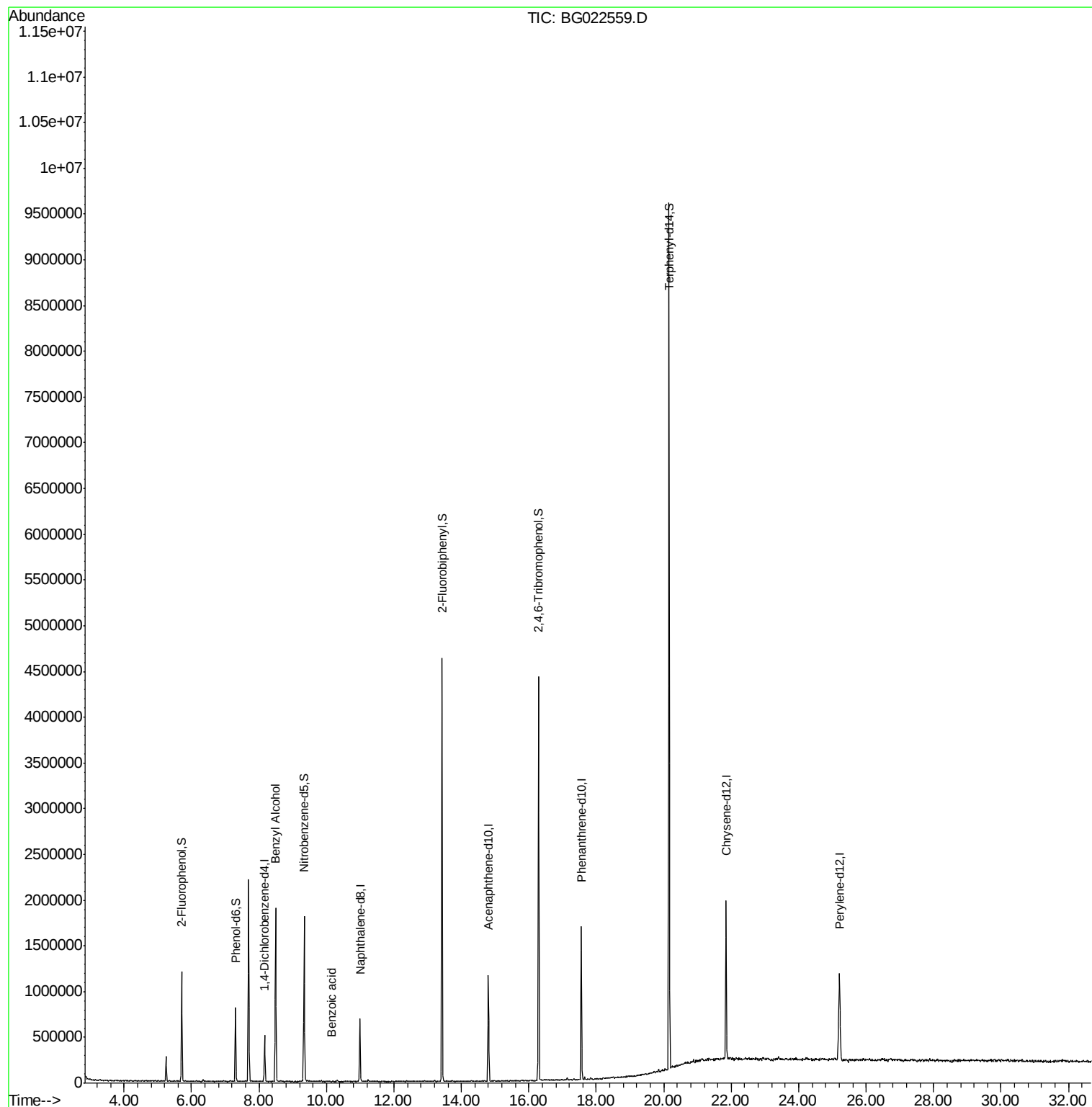
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	123665	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	531911	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	380080	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	992336	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1069900	20.00	ng	0.00
86) Perylene-d12	25.21	264	1102722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	461379	59.84	ng	0.00
7) Phenol-d6	7.30	99	440968	40.58	ng	0.00
23) Nitrobenzene-d5	9.34	82	1137917	90.54	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	786735	131.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2162598	90.23	ng	0.00
78) Terphenyl-d14	20.16	244	3143065	77.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	20382	2.03	ng	# 58
32) Benzoic acid	10.15	122	146	5.13	ng	# 21

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Instrument :

BNA_G

ClientSampleId :

B1409-TP-RB01-0616

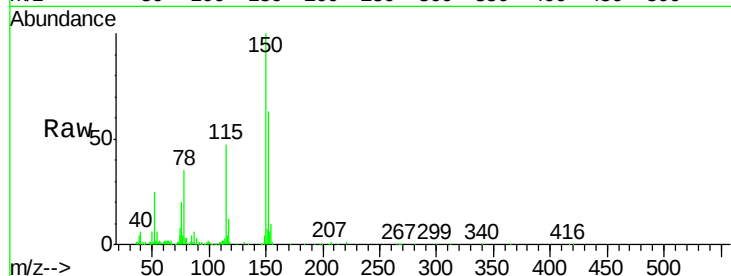
Tgt Ion:152 Resp: 123665

Ion Ratio Lower Upper

152 100

150 159.7 144.7 217.1

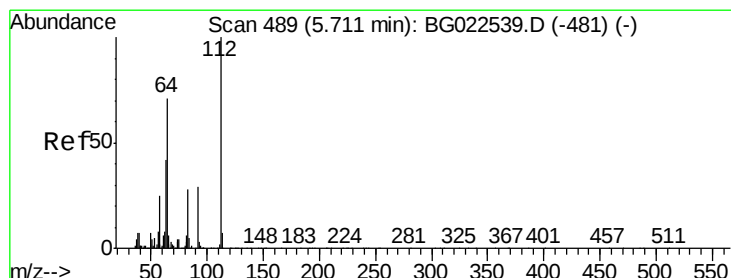
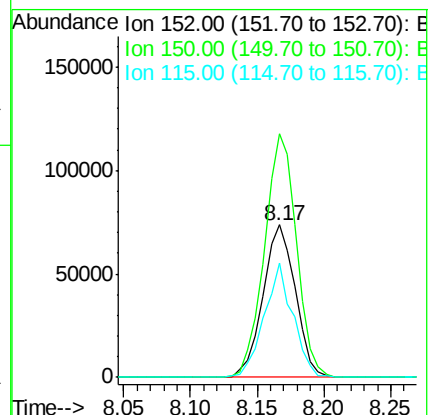
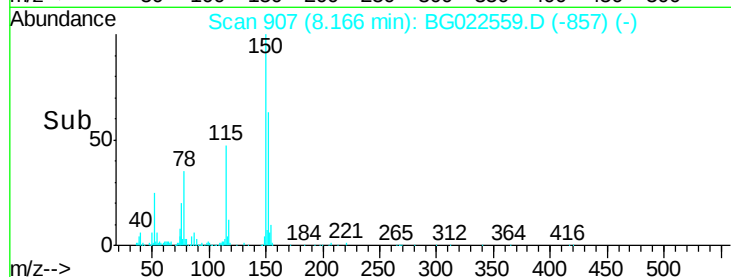
115 75.0 64.0 96.0



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: 59.84 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

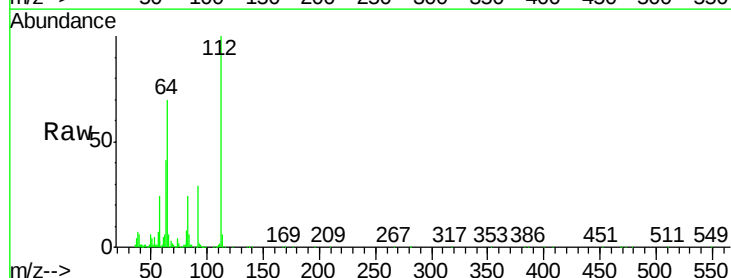
Tgt Ion:112 Resp: 461379

Ion Ratio Lower Upper

112 100

64 69.9 59.0 88.4

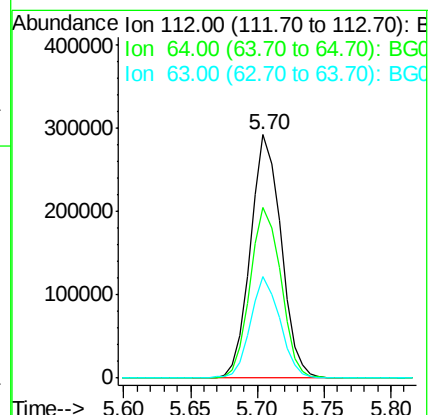
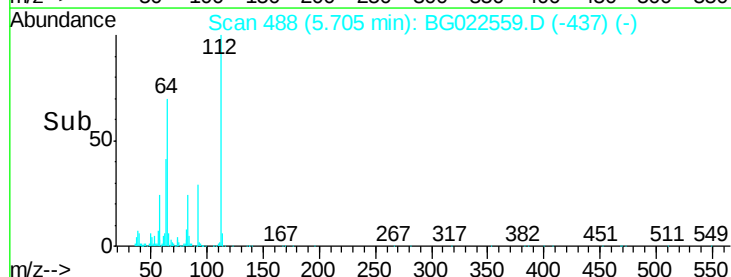
63 41.4 37.8 56.8



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: 40.58 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Instrument :

BNA_G

ClientSampleId :

B1409-TP-RB01-0616

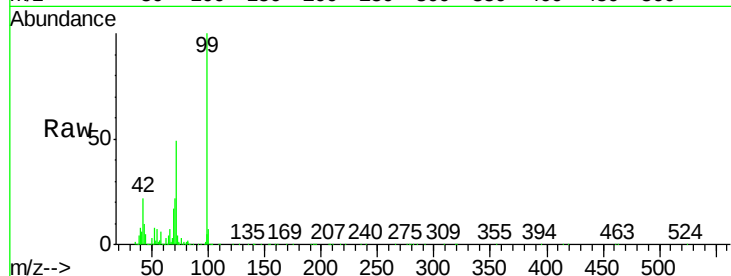
Tgt Ion: 99 Resp: 440968

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

71 49.5 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

300000

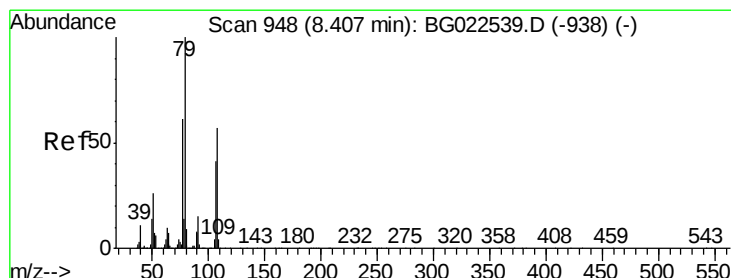
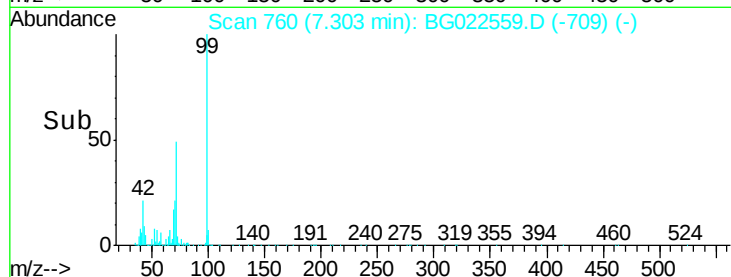
200000

100000

0

7.20 7.30 7.40

Time-->



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.09 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

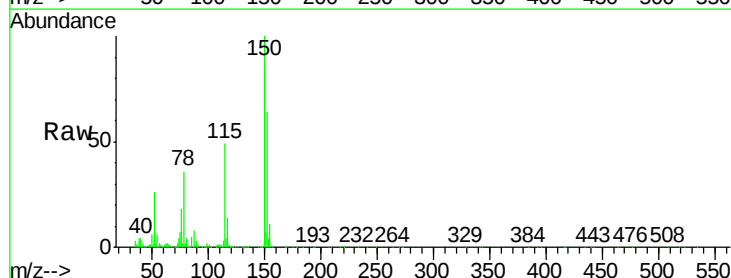
Tgt Ion: 79 Resp: 20382

Ion Ratio Lower Upper

79 100

108 20.8 46.5 69.7#

77 92.3 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

15000

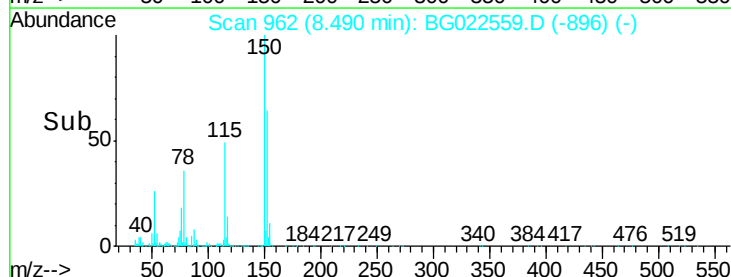
10000

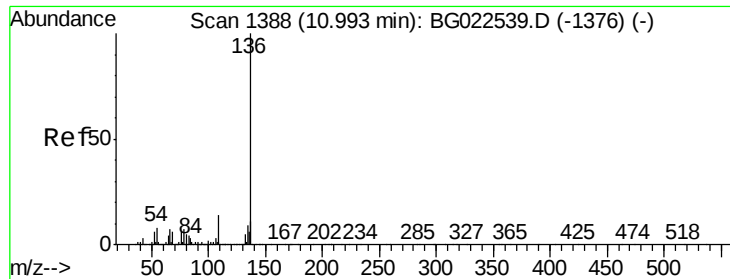
5000

0

8.45 8.49 8.55

Time-->

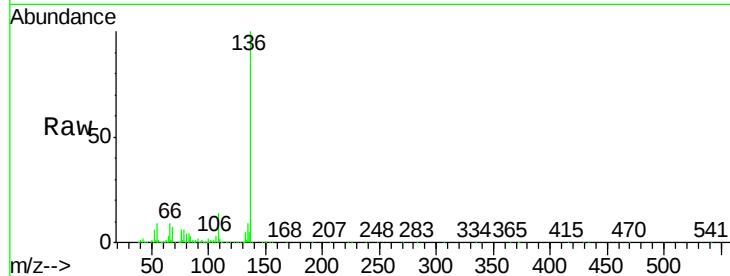




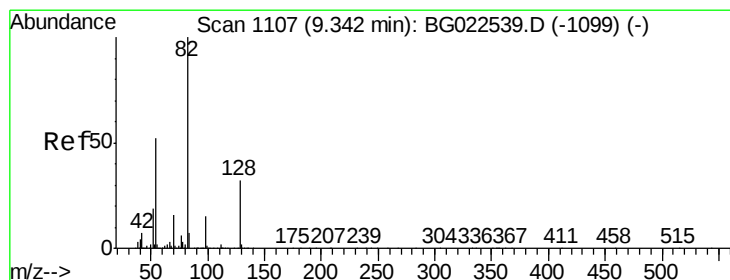
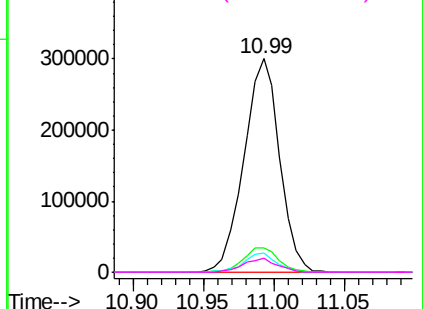
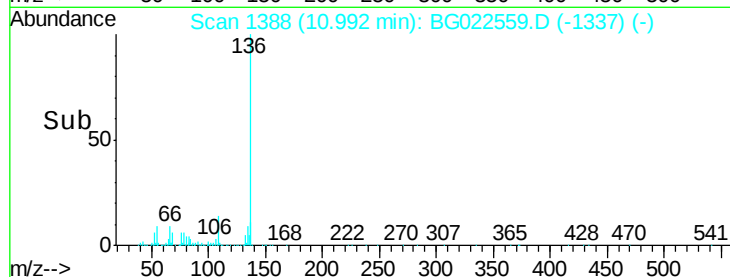
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022559.D
Acq: 25 Jun 2016 4:47

Instrument :
BNA_G
ClientSampleId :
B1409-TP-RB01-0616

Tgt Ion:	136	Resp:	531911
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.1	7.3	10.9
68	6.5	5.3	7.9

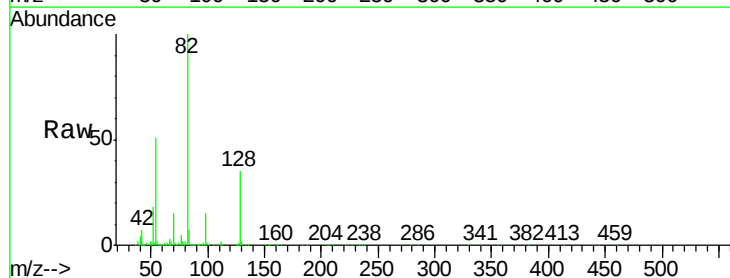


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

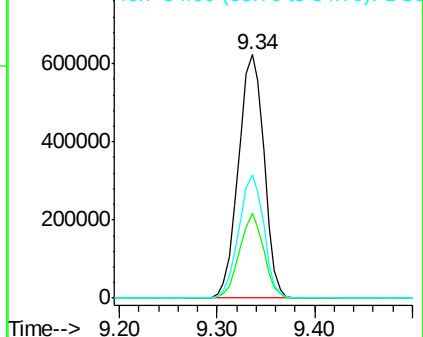
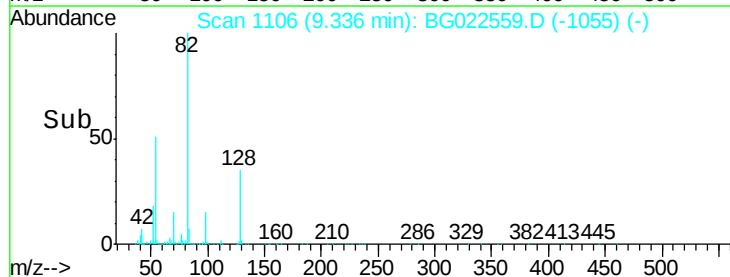


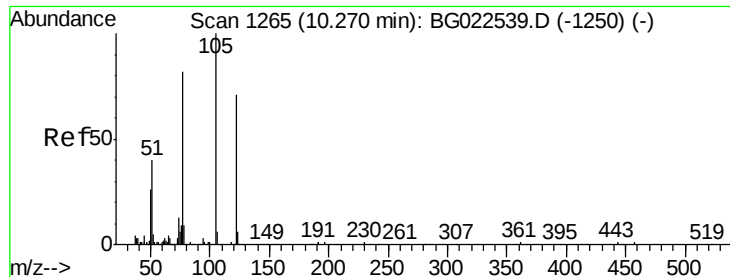
#23
Nitrobenzene-d5
Concen: 90.54 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022559.D
Acq: 25 Jun 2016 4:47

Tgt Ion:	82	Resp:	1137917
Ion	Ratio	Lower	Upper
82	100		
128	35.0	24.4	36.6
54	50.8	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#32

Benzoic acid

Concen: 5.13 ng

RT: 10.15 min Scan# 1245

Delta R.T. -0.05 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Instrument :

BNA_G

ClientSampleId :

B1409-TP-RB01-0616

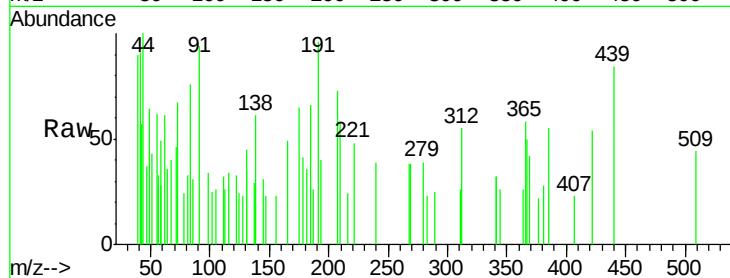
Tgt Ion:122 Resp: 146

Ion Ratio Lower Upper

122 100

105 78.9 117.2 157.2#

77 0.0 109.2 149.2#

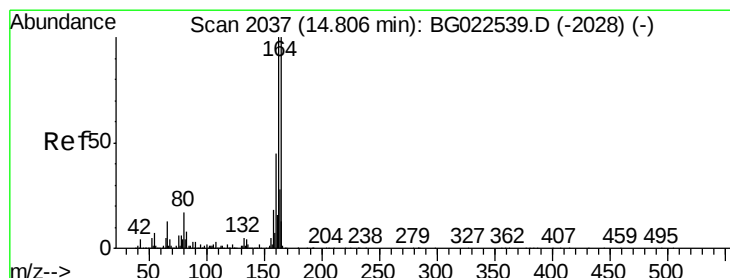
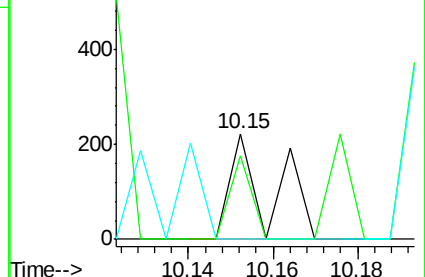
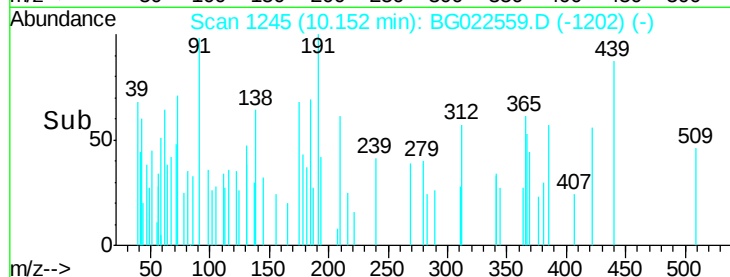


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

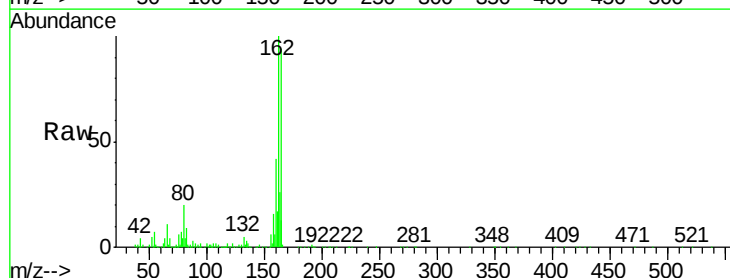
Tgt Ion:164 Resp: 380080

Ion Ratio Lower Upper

164 100

162 106.7 87.7 131.5

160 44.6 37.2 55.8

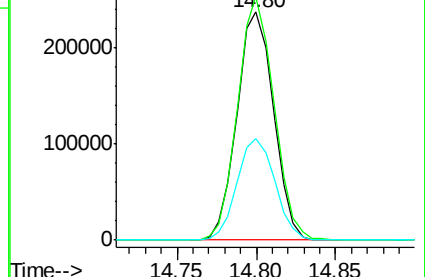
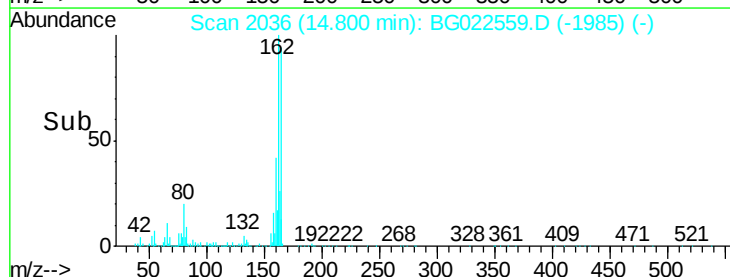


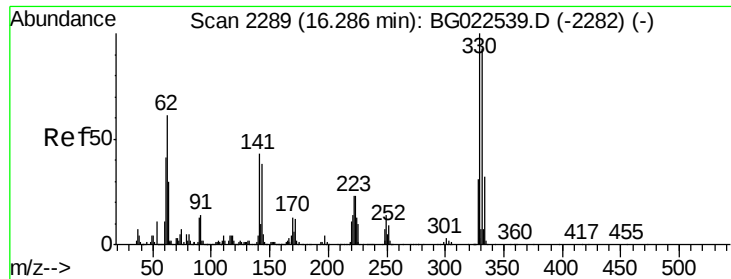
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#41

2,4,6-Tribromophenol

Concen: 131.60 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Instrument :

BNA_G

ClientSampleId :

B1409-TP-RB01-0616

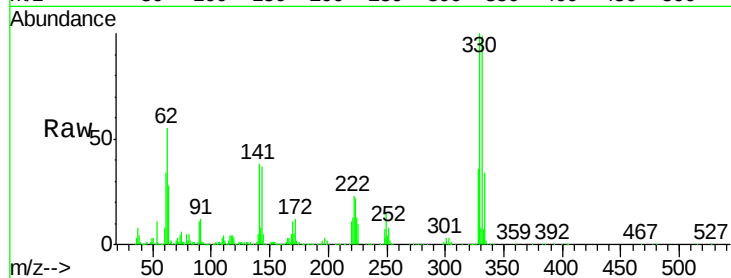
Tgt Ion:330 Resp: 786735

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

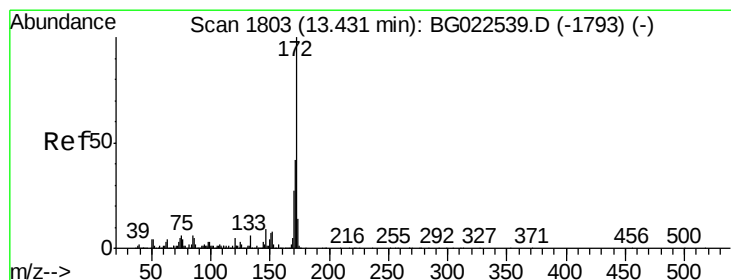
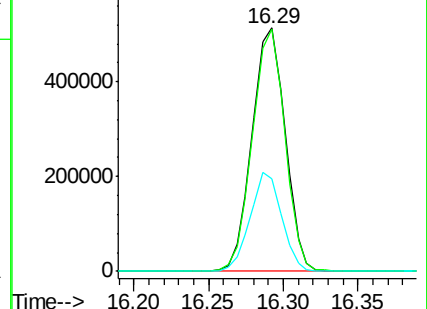
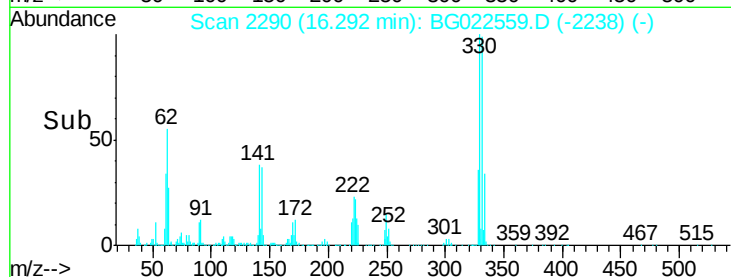
141 38.8 31.7 47.5



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: 90.23 ng

RT: 13.42 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

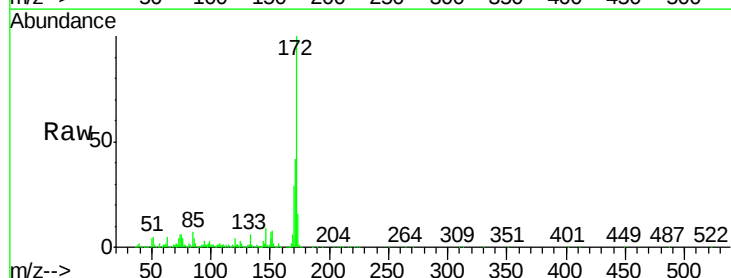
Tgt Ion:172 Resp: 2162598

Ion Ratio Lower Upper

172 100

171 41.5 31.6 47.4

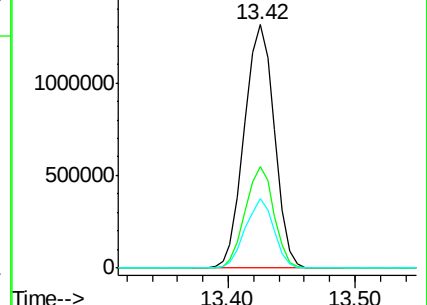
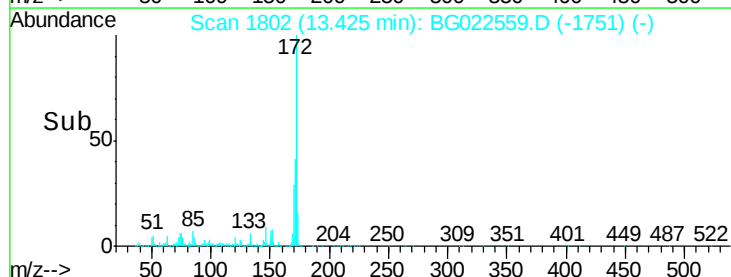
170 28.8 21.3 31.9

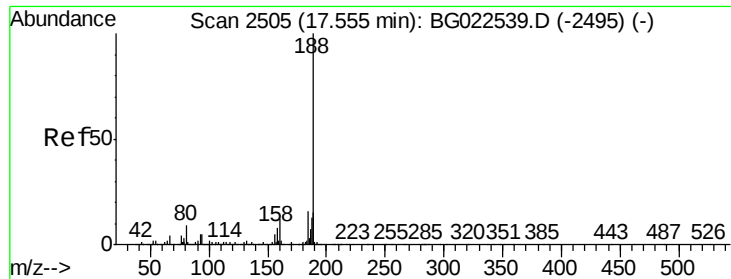


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

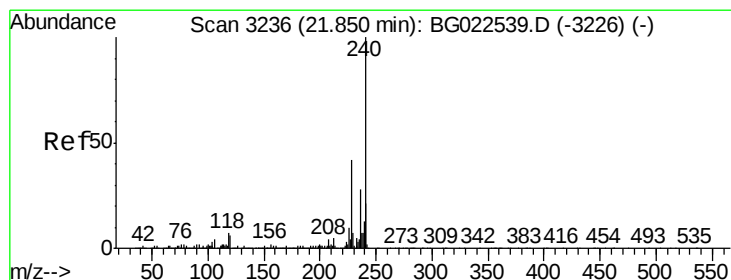
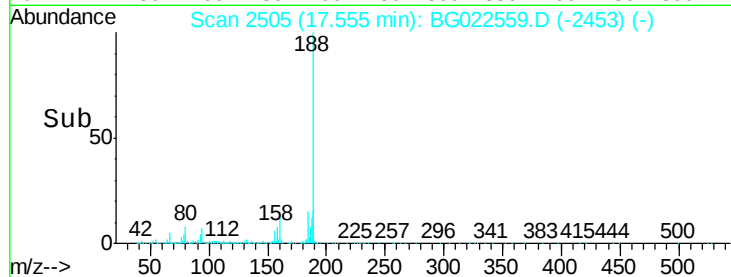
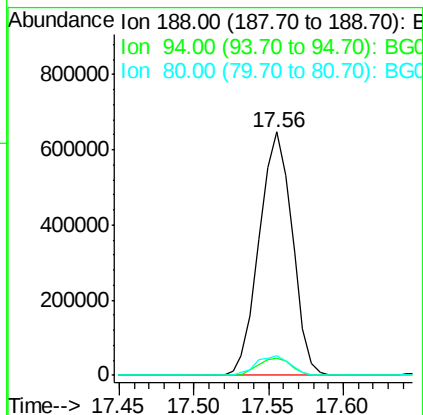
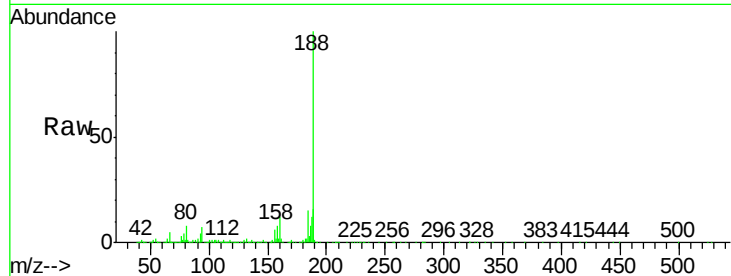




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022559.D
Acq: 25 Jun 2016 4:47

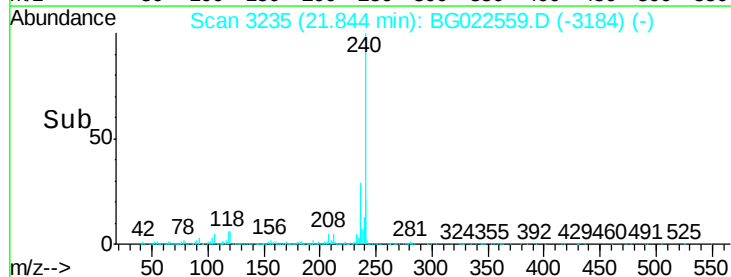
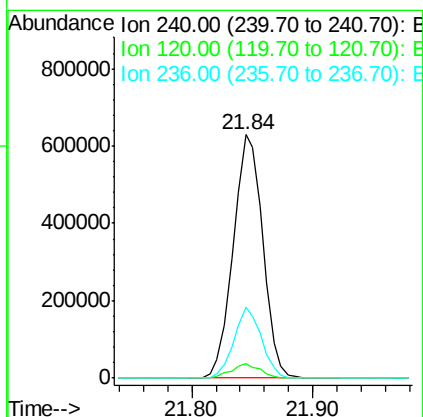
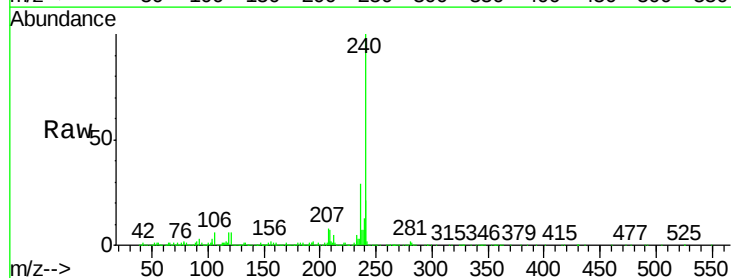
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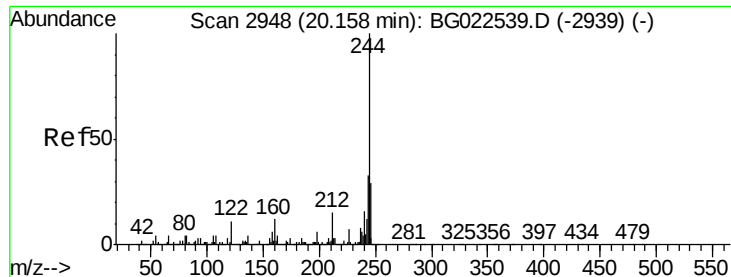
Tgt Ion:188 Resp: 992336
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 7.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022559.D
Acq: 25 Jun 2016 4:47

Tgt Ion:240 Resp: 1069900
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 29.1 21.1 31.7





#78

Terphenyl-d14

Concen: 77.83 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Instrument :

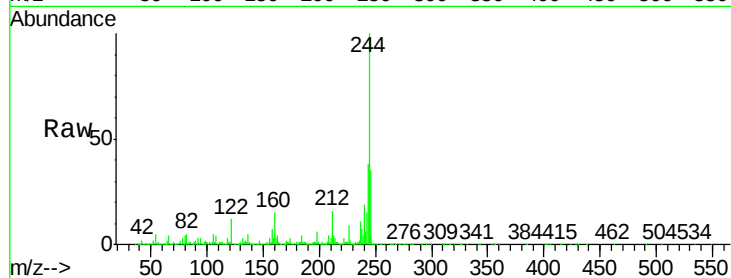
BNA_G

ClientSampleId :

B1409-TP-RB01-0616

Tgt Ion:244 Resp: 3143065

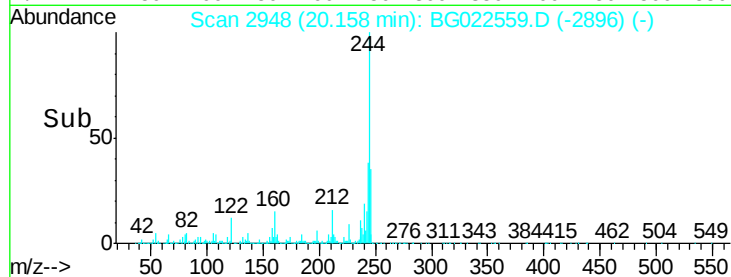
Ion	Ratio	Lower	Upper
244	100		
212	16.2	10.8	16.2
122	11.7	8.0	12.0



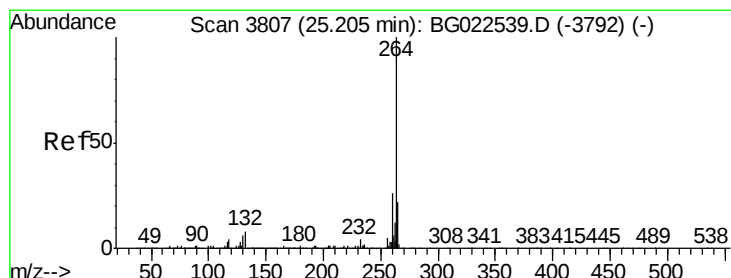
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

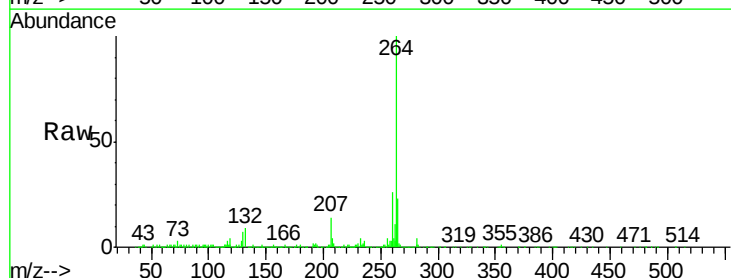
Delta R.T. -0.00 min

Lab File: BG022559.D

Acq: 25 Jun 2016 4:47

Tgt Ion:264 Resp: 1102722

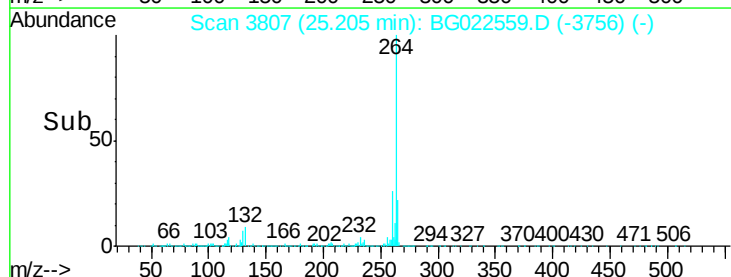
Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.4	27.6
265	23.0	18.9	28.3



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



Time-->