

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022653.D
 Acq On : 27 Jun 2016 21:58
 Operator : UM/SJ
 Sample : H3629-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5D(9-11)

Quant Time: Jun 28 01:09:46 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

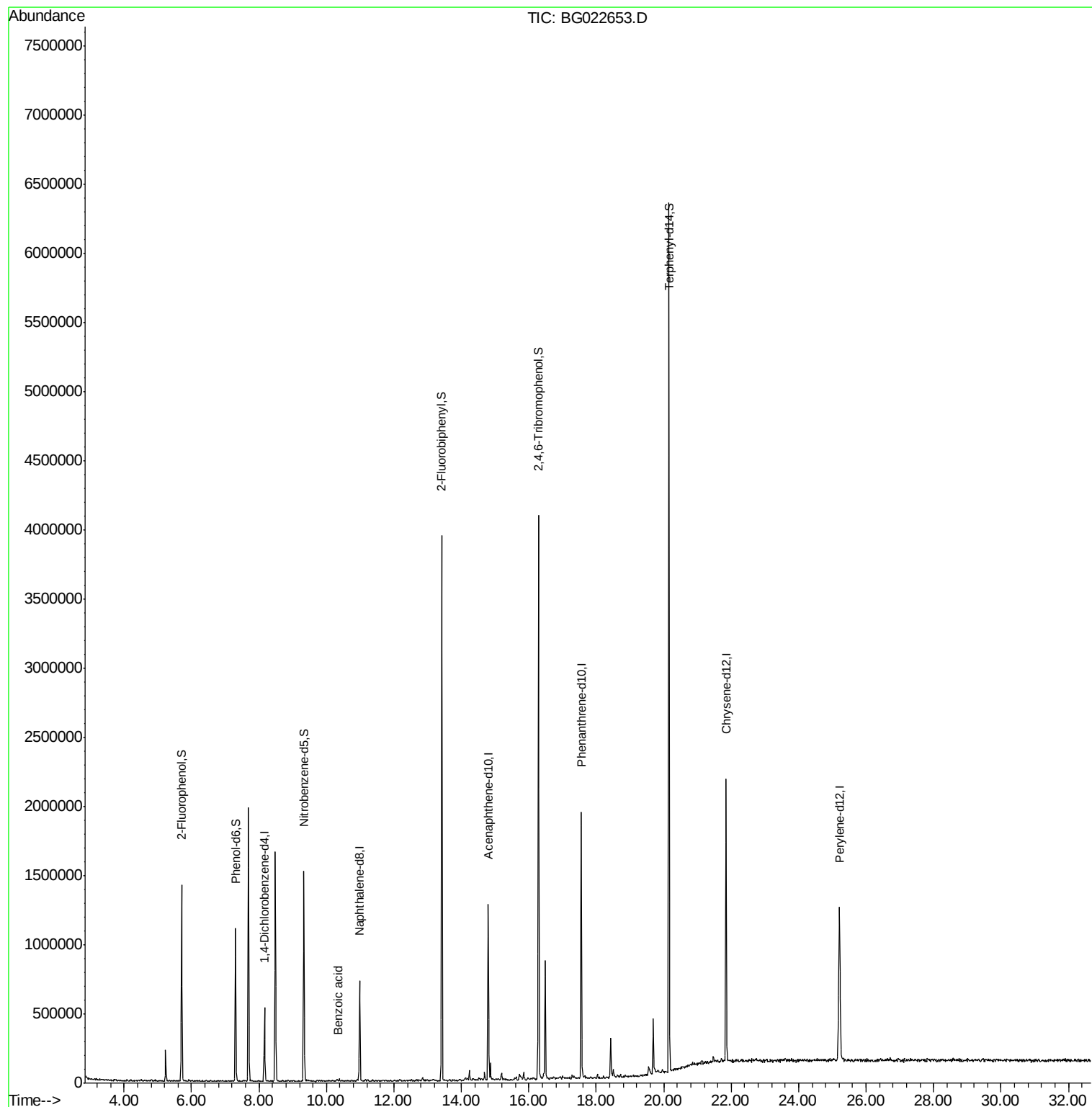
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	134334	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	577907	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	441225	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1142493	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1317287	20.00	ng	0.00
86) Perylene-d12	25.21	264	1346672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	570458	68.11	ng	0.00
7) Phenol-d6	7.30	99	623654	52.83	ng	0.00
23) Nitrobenzene-d5	9.33	82	939650	68.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	751950	108.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1870645	67.24	ng	0.00
78) Terphenyl-d14	20.15	244	2534001	50.97	ng	0.00
Target Compounds						
32) Benzoic acid	10.35	122	64	5.12	ng	Qvalue 96

(#) = 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: BG022653.D

Acq: 27 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

LOCATION-5D(9-11)

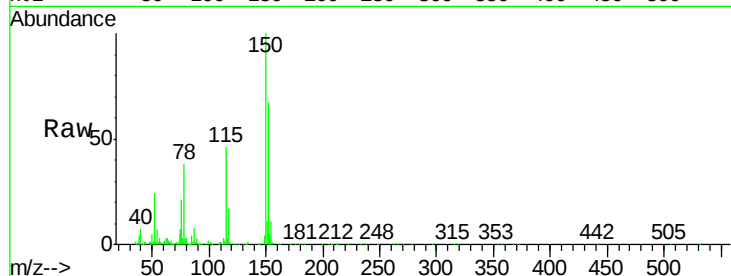
Tgt Ion:152 Resp: 134334

Ion Ratio Lower Upper

152 100

150 149.8 144.7 217.1

115 69.6 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

150000

100000

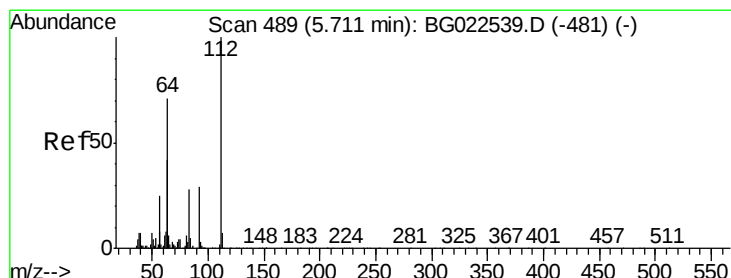
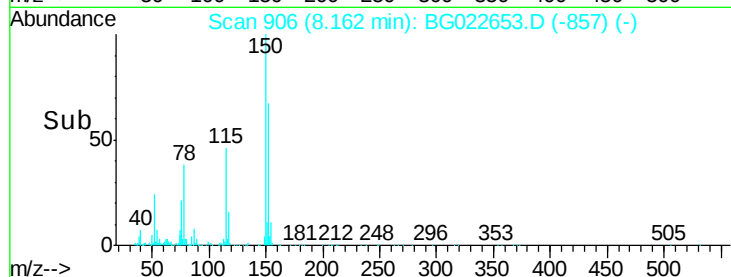
50000

0

8.16

8.10 8.15 8.20

Time-->



#5

2-Fluorophenol

Concen: 68.11 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

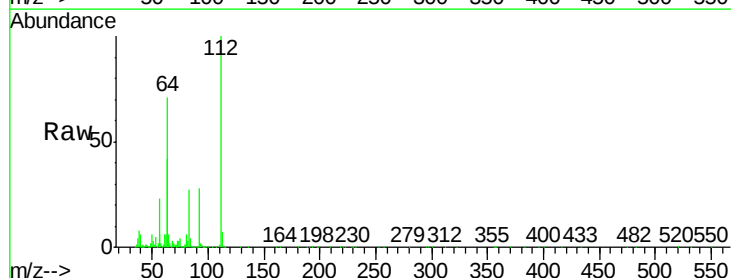
Tgt Ion:112 Resp: 570458

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

63 41.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

400000

300000

200000

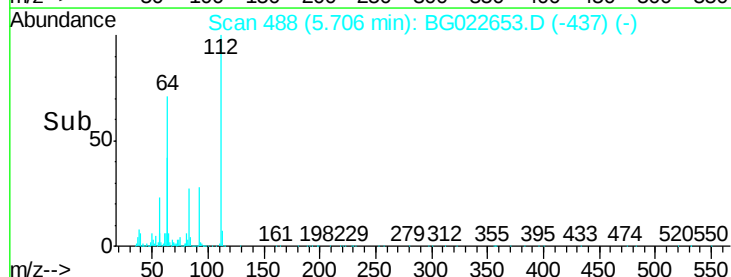
100000

0

5.71

5.65 5.70 5.75 5.80

Time-->





#7

Phenol-d6

Concen: 52.83 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

LOCATION-5D(9-11)

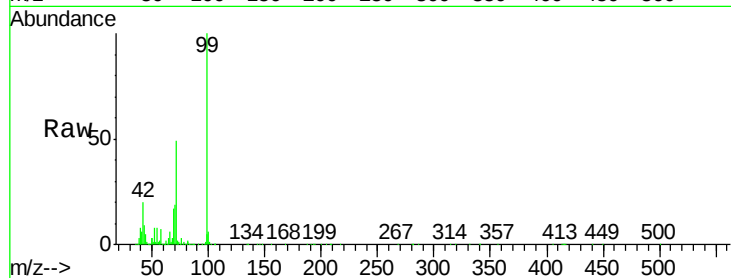
Tgt Ion: 99 Resp: 623654

Ion Ratio Lower Upper

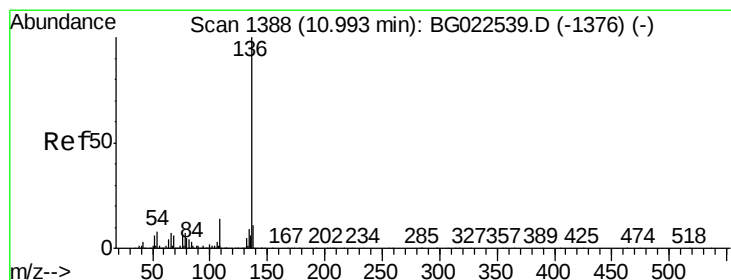
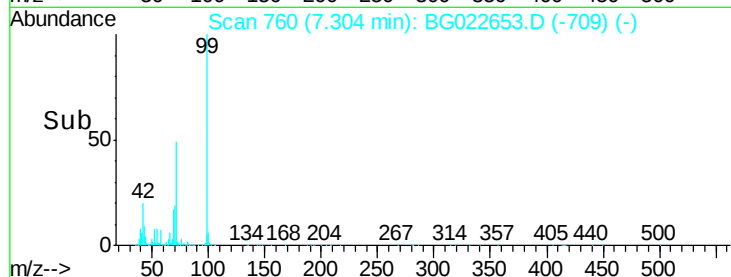
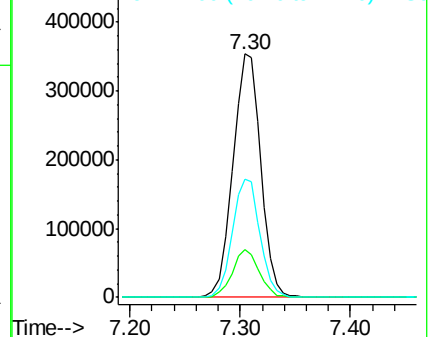
99 100

42 19.8 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: BG022653.D

Acq: 27 Jun 2016 21:58

Tgt Ion: 136 Resp: 577907

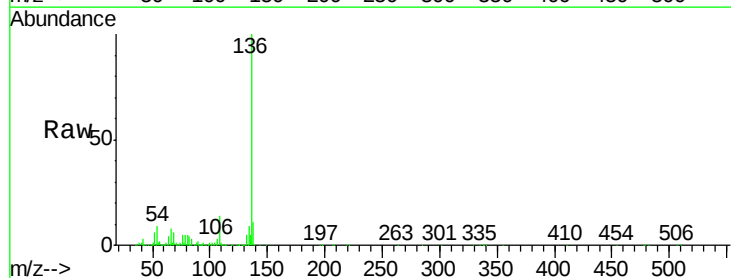
Ion Ratio Lower Upper

136 100

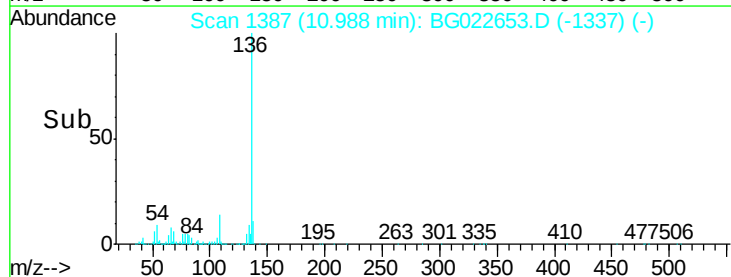
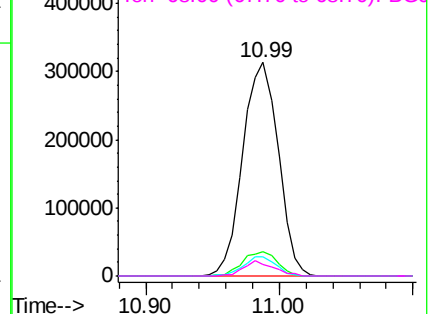
137 11.3 9.6 14.4

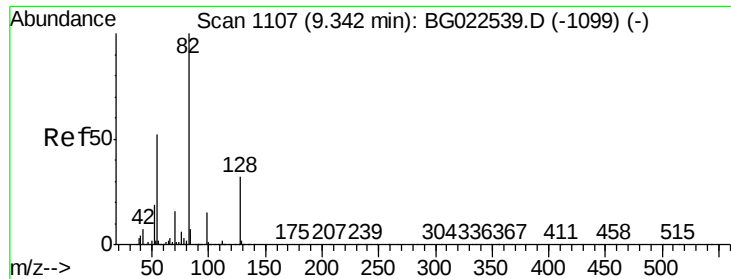
54 9.3 7.3 10.9

68 5.5 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

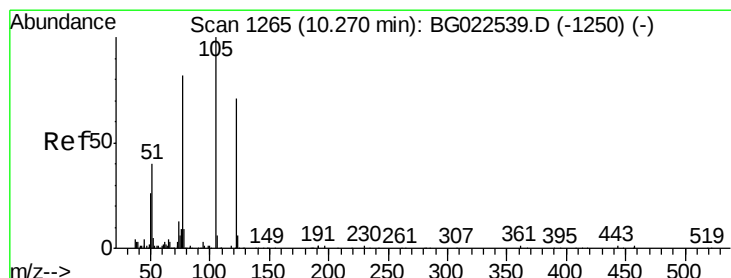
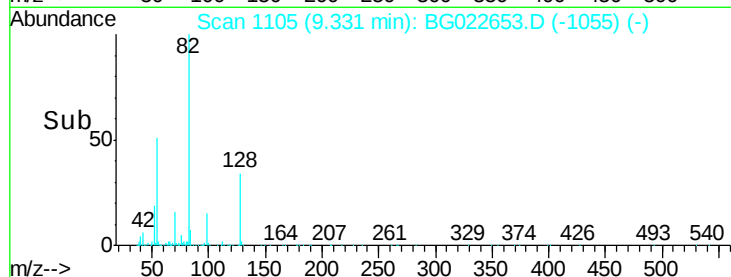
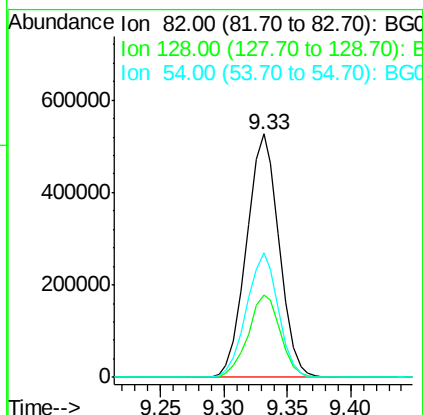
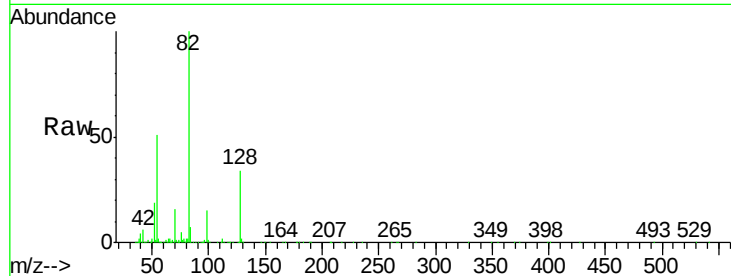




#23
Nitrobenzene-d5
Concen: 68.82 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022653.D
Acq: 27 Jun 2016 21:58

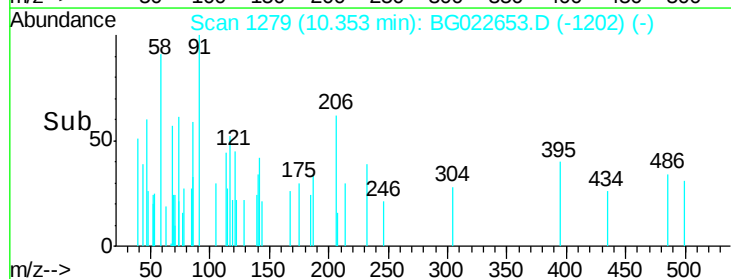
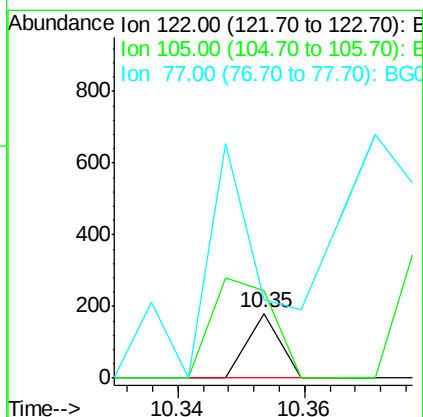
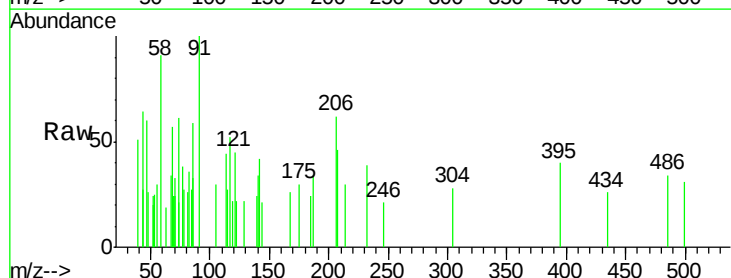
Instrument :
BNA_G
ClientSampleId :
LOCATION-5D(9-11)

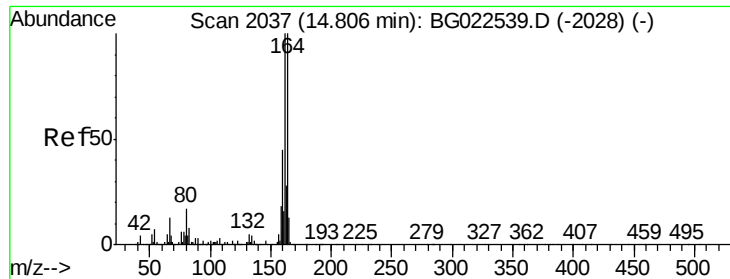
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	51.1	41.4	62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.15 min
Lab File: BG022653.D
Acq: 27 Jun 2016 21:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	117.2	157.2
77	122.1	109.2	149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

LOCATION-5D(9-11)

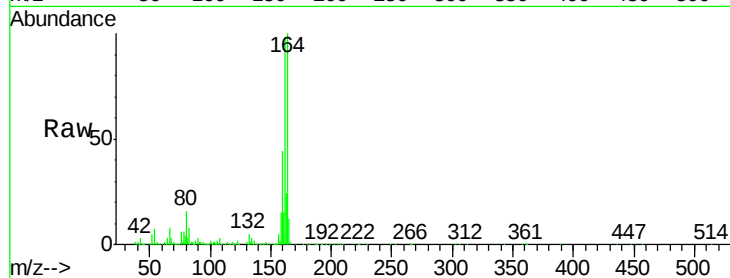
Tgt Ion:164 Resp: 441225

Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

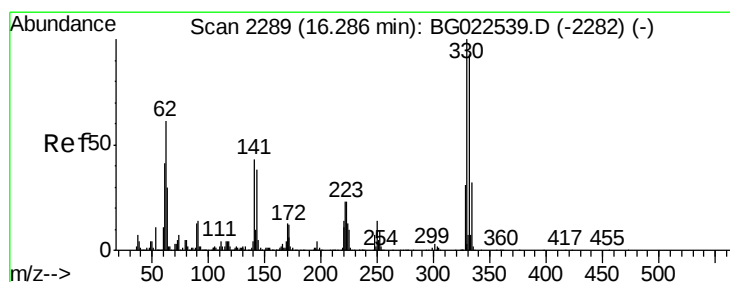
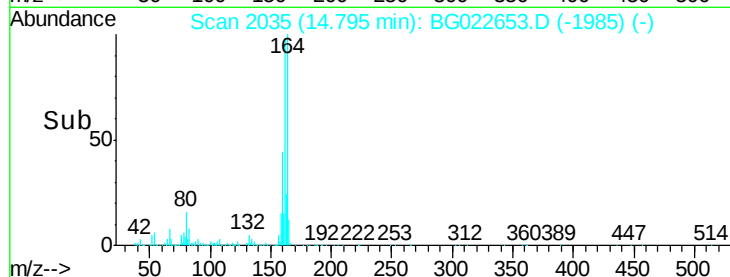
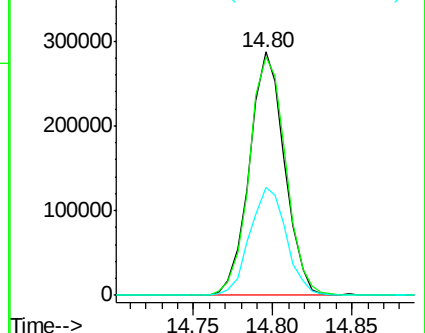
160 44.4 37.2 55.8



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: 108.35 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

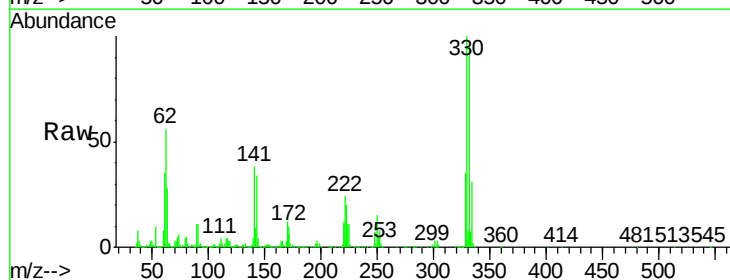
Tgt Ion:330 Resp: 751950

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

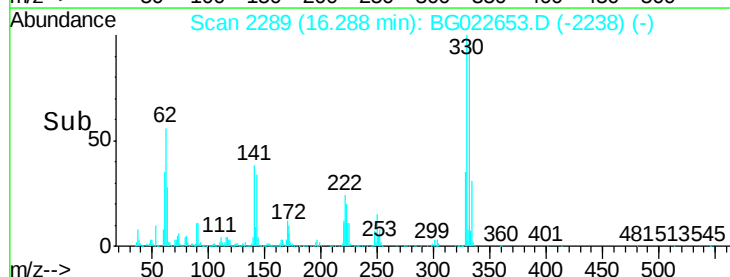
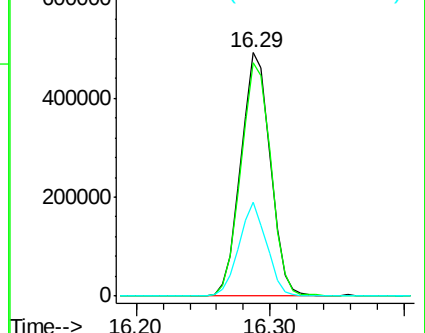
141 36.1 31.7 47.5

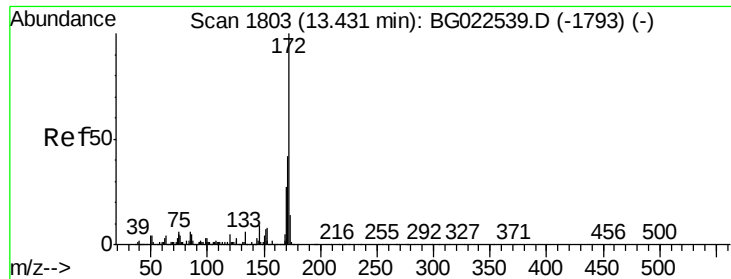


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

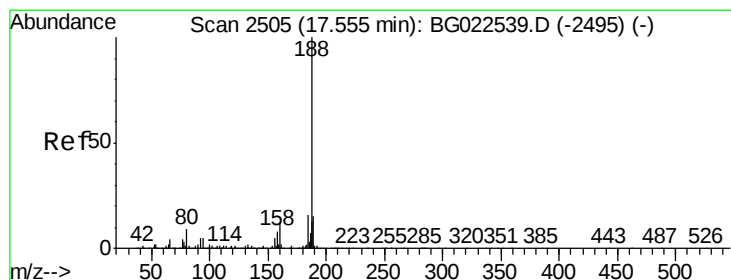
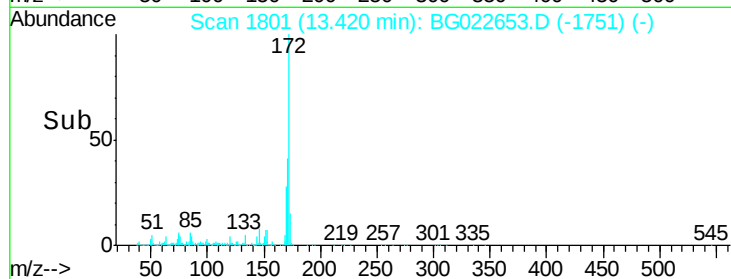
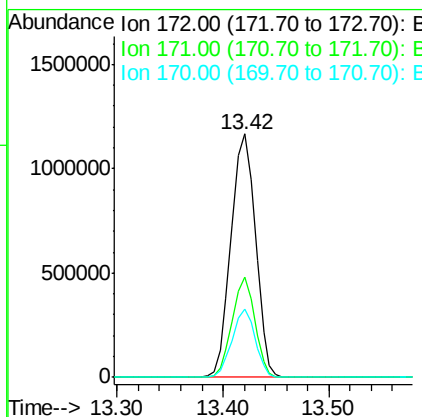
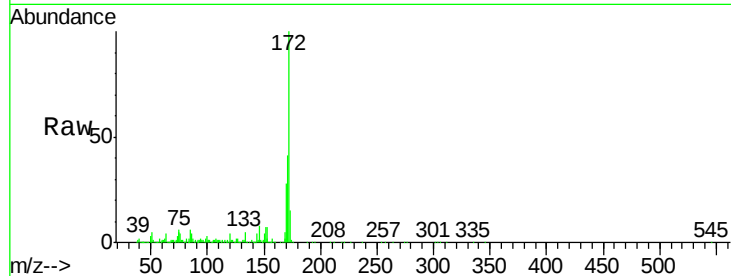




#44
 2-Fluorobiphenyl
 Concen: 67.24 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022653.D
 Acq: 27 Jun 2016 21:58

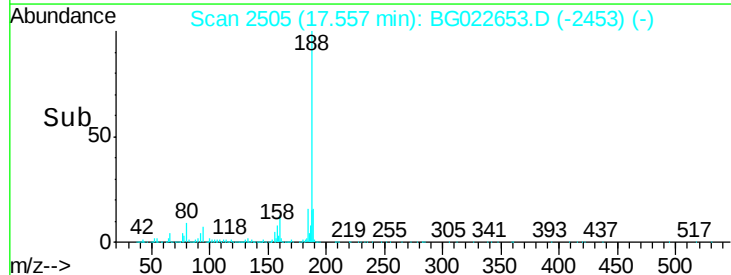
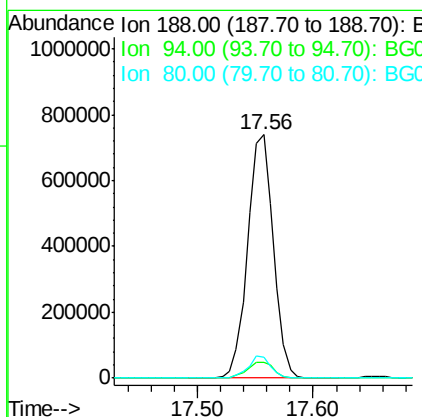
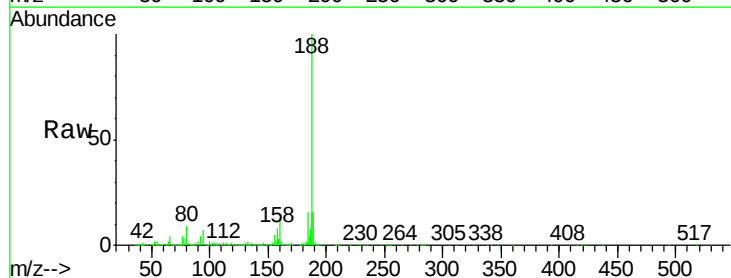
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5D(9-11)

Tgt Ion:172 Resp: 1870645
 Ion Ratio Lower Upper
 172 100
 171 41.3 31.6 47.4
 170 27.8 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: BG022653.D
 Acq: 27 Jun 2016 21:58

Tgt Ion:188 Resp: 1142493
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.2 7.8
 80 8.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

LOCATION-5D(9-11)

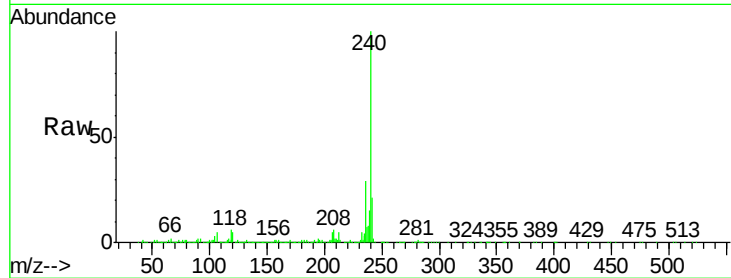
Tgt Ion:240 Resp: 1317287

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

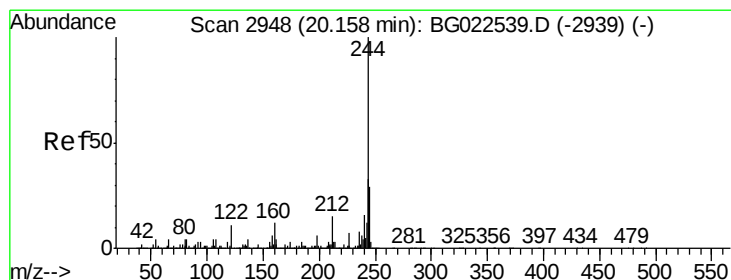
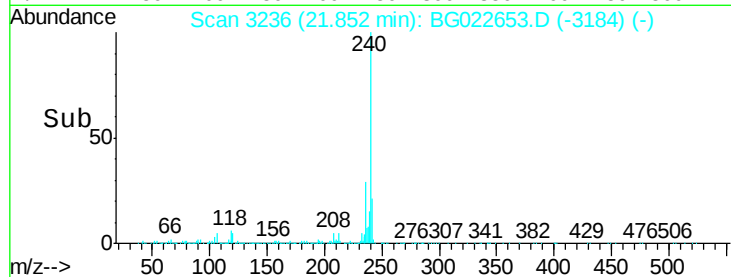
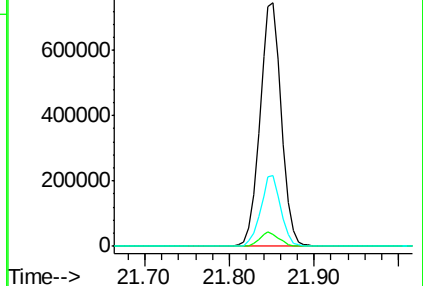
236 29.0 21.1 31.7



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: 50.97 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022653.D

Acq: 27 Jun 2016 21:58

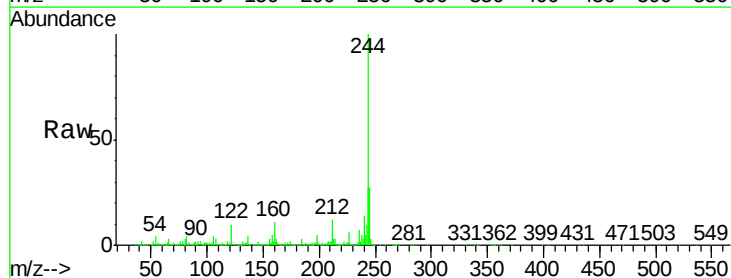
Tgt Ion:244 Resp: 2534001

Ion Ratio Lower Upper

244 100

212 12.4 10.8 16.2

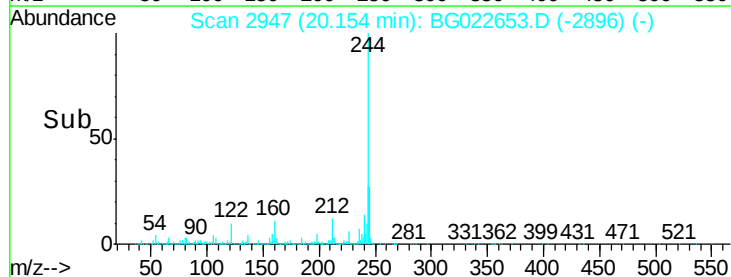
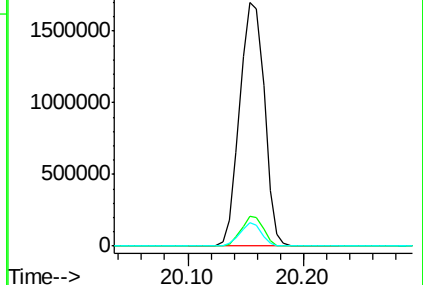
122 9.5 8.0 12.0

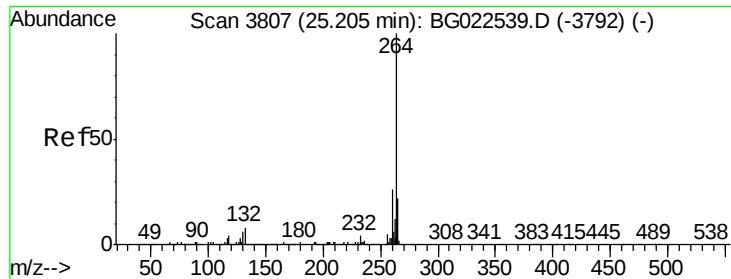


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3807
Delta R.T. 0.00 min
Lab File: BG022653.D
Acq: 27 Jun 2016 21:58

Instrument :
BNA_G
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion: 264 Resp: 1346672

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.5	18.9	28.3

