

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022555.D
 Acq On : 25 Jun 2016 2:07
 Operator : UM/SJ
 Sample : H3633-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB2

Quant Time: Jun 25 03:23:04 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

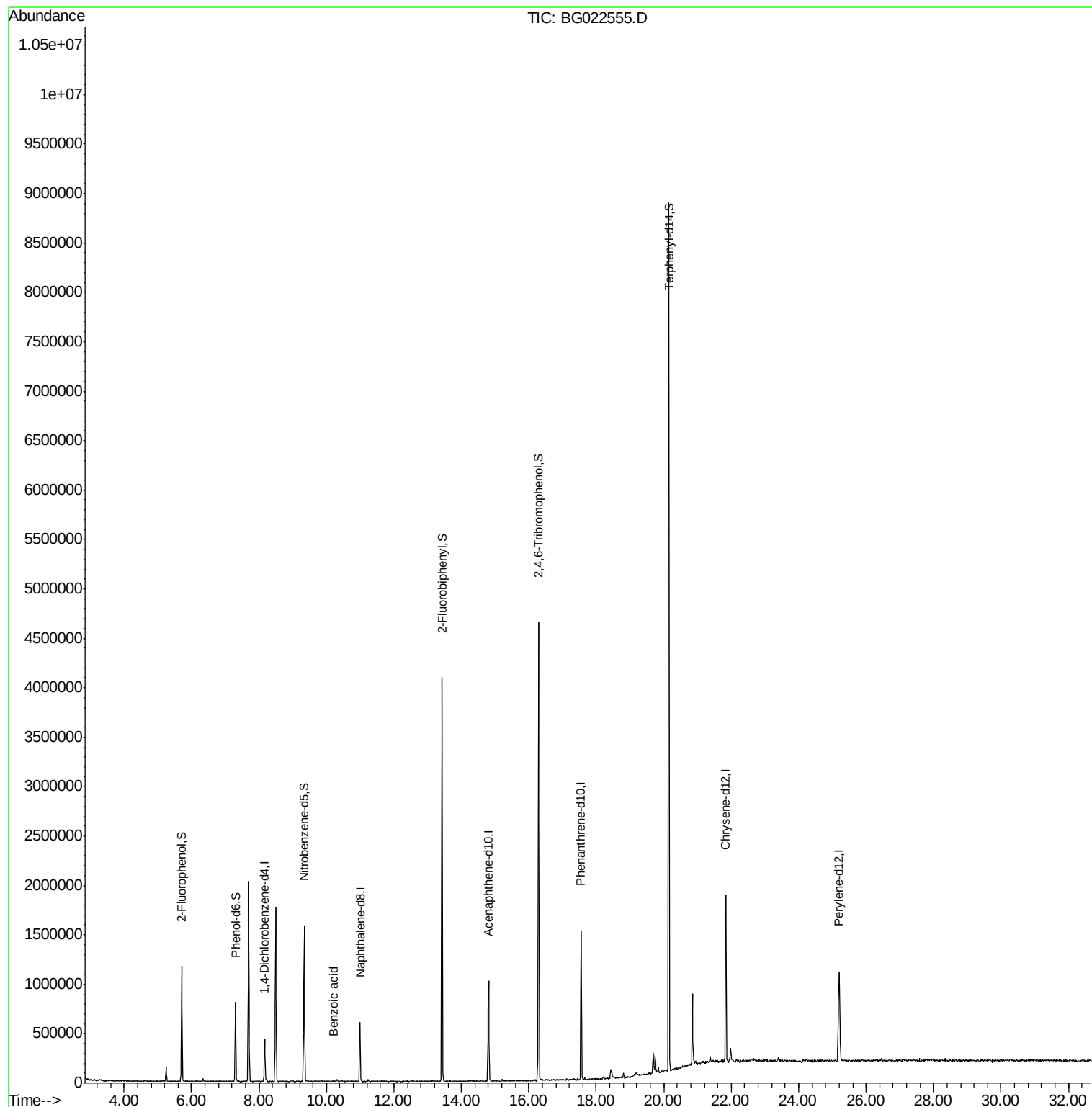
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	110741	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	460644	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	343030	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	931105	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1052498	20.00	ng	0.00
86) Perylene-d12	25.20	264	1078061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	449446	65.10	ng	0.00
7) Phenol-d6	7.30	99	424401	43.61	ng	0.00
23) Nitrobenzene-d5	9.34	82	990334	90.99	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	794842	147.32	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1973563	91.24	ng	0.00
78) Terphenyl-d14	20.15	244	3118935	78.51	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	53	5.12	ng	Qvalue # 1

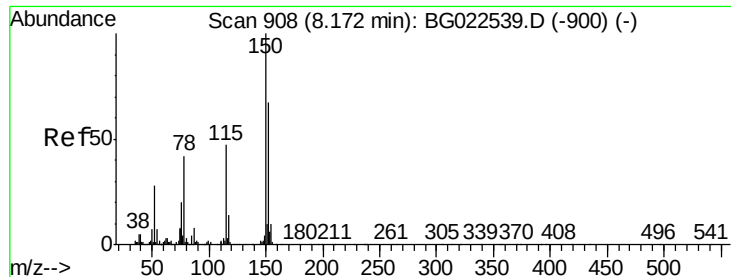
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FB2

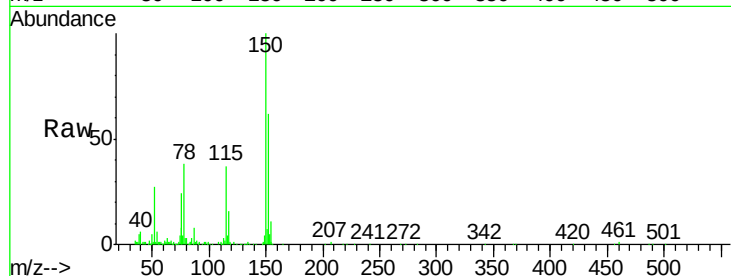
Tgt Ion:152 Resp: 110741

Ion Ratio Lower Upper

152 100

150 162.1 144.7 217.1

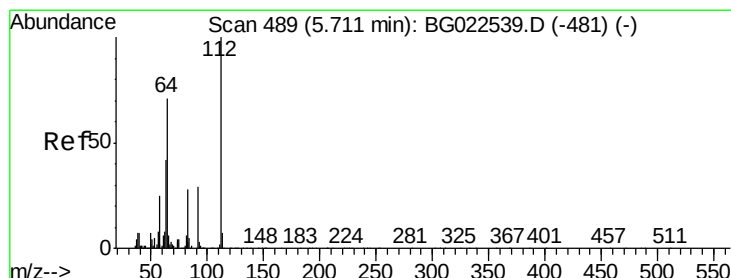
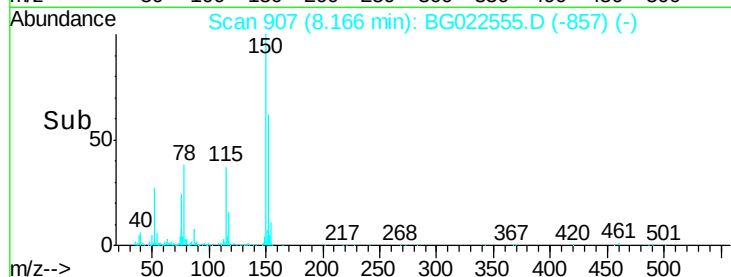
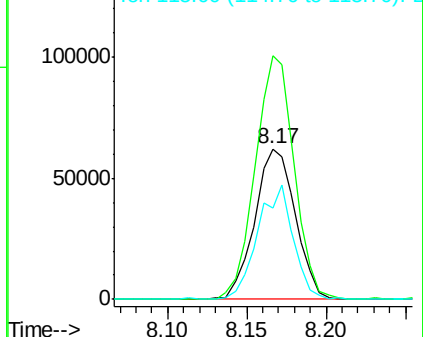
115 60.7 64.0 96.0#



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: 65.10 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

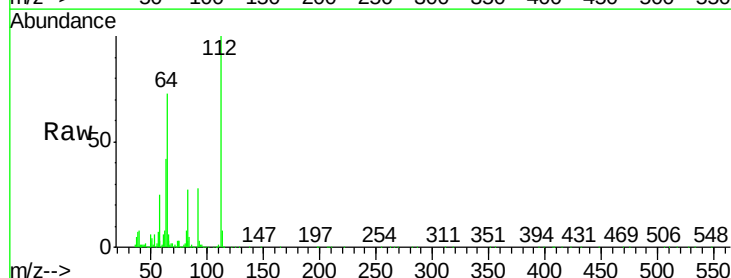
Tgt Ion:112 Resp: 449446

Ion Ratio Lower Upper

112 100

64 72.8 59.0 88.4

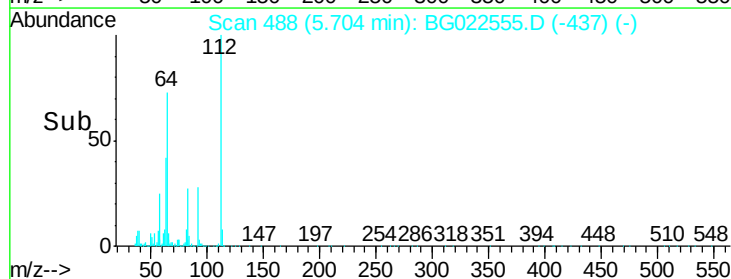
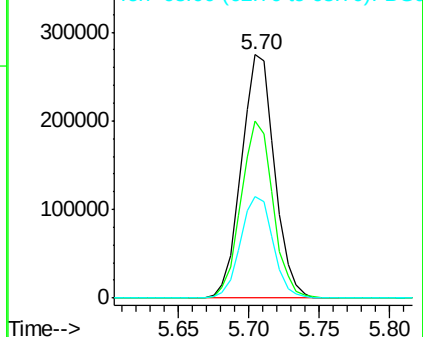
63 42.0 37.8 56.8

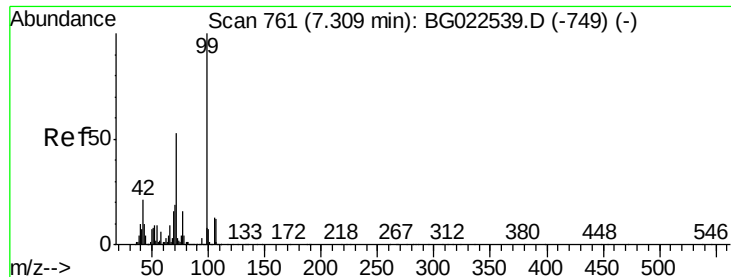


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.61 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FB2

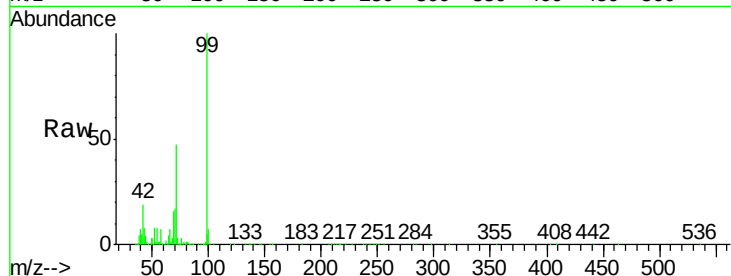
Tgt Ion: 99 Resp: 424401

Ion Ratio Lower Upper

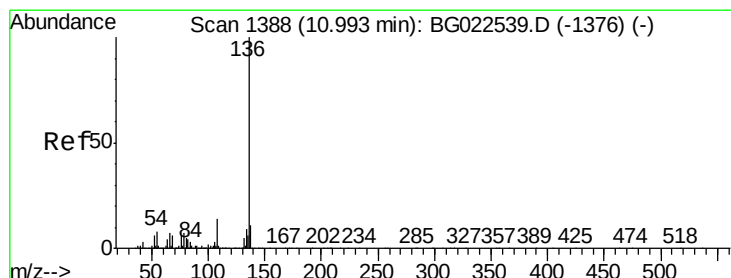
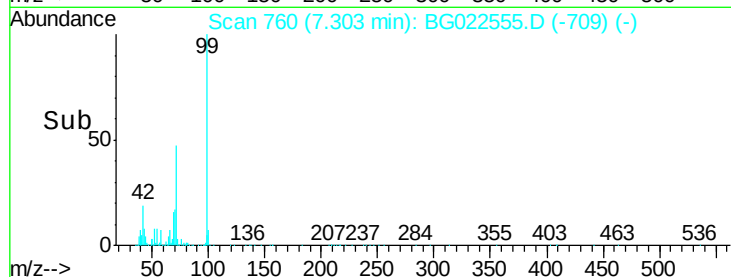
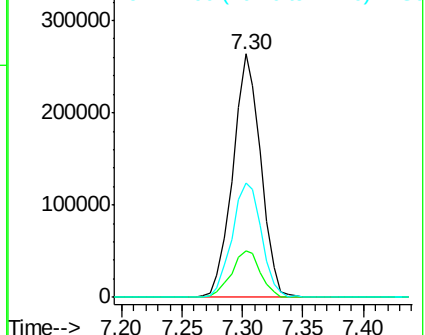
99 100

42 18.9 17.8 26.6

71 47.2 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# 1388

Delta R.T. -0.00 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

Tgt Ion: 136 Resp: 460644

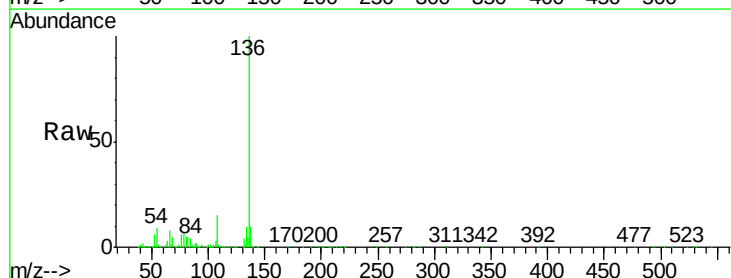
Ion Ratio Lower Upper

136 100

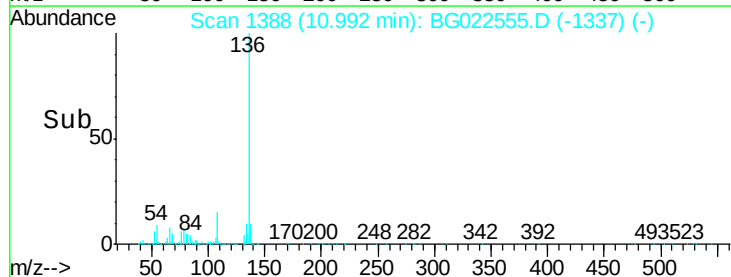
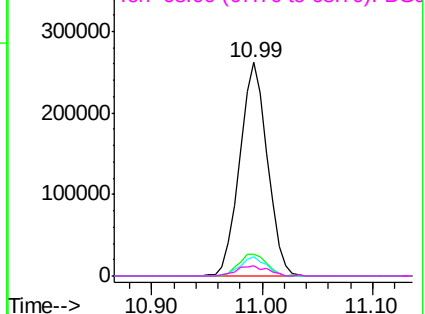
137 10.0 9.6 14.4

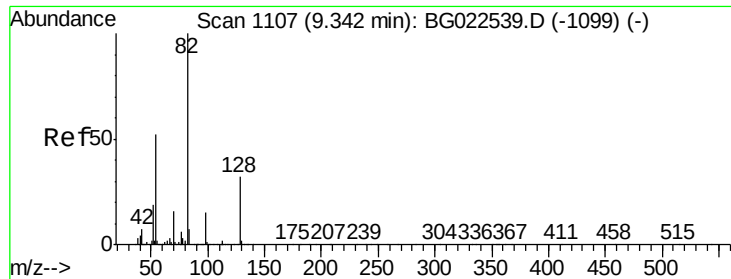
54 9.2 7.3 10.9

68 4.7 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

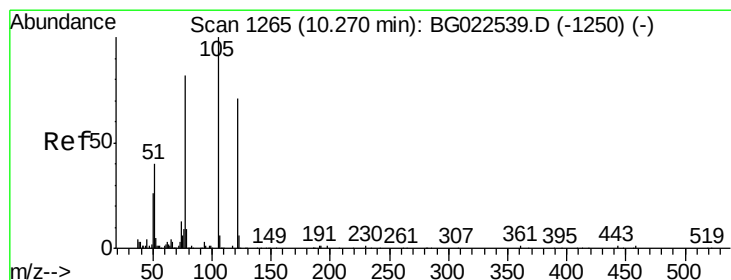
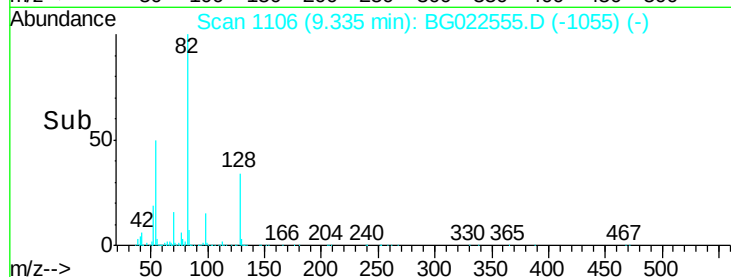
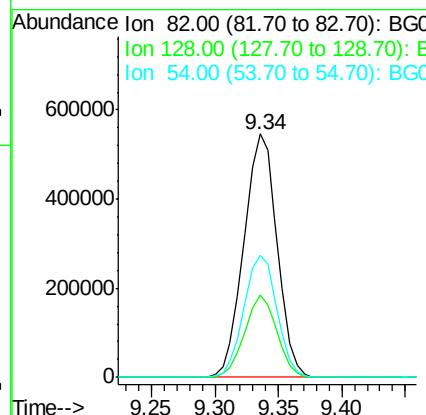
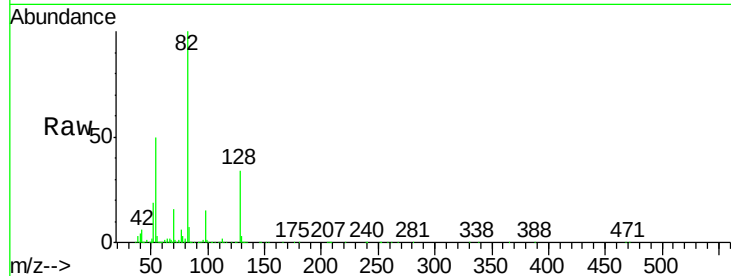




#23
Nitrobenzene-d5
Concen: 90.99 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022555.D
Acq: 25 Jun 2016 2:07

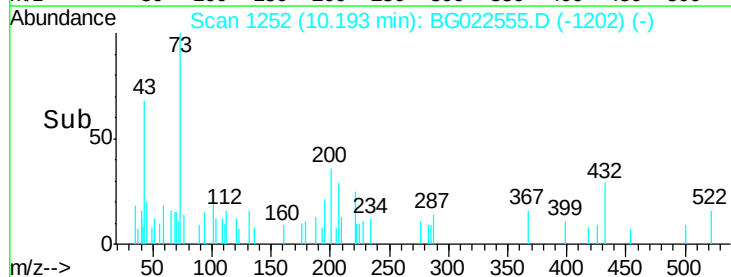
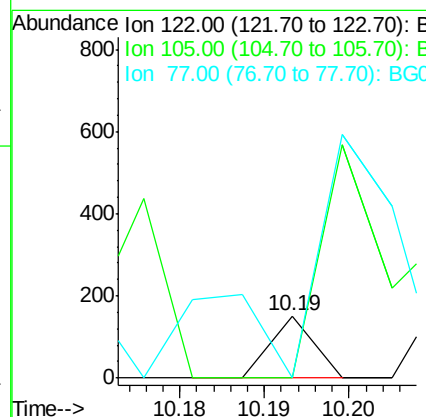
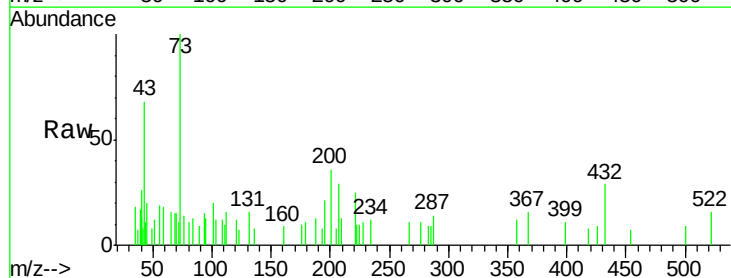
Instrument :
BNA_G
ClientSampleId :
FB2

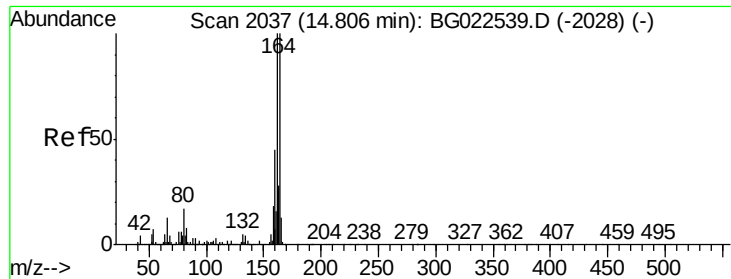
Tgt Ion: 82 Resp: 990334
Ion Ratio Lower Upper
82 100
128 34.0 24.4 36.6
54 50.0 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG022555.D
Acq: 25 Jun 2016 2:07

Tgt Ion: 122 Resp: 53
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: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

Instrument :

BNA_G

ClientSampled :

FB2

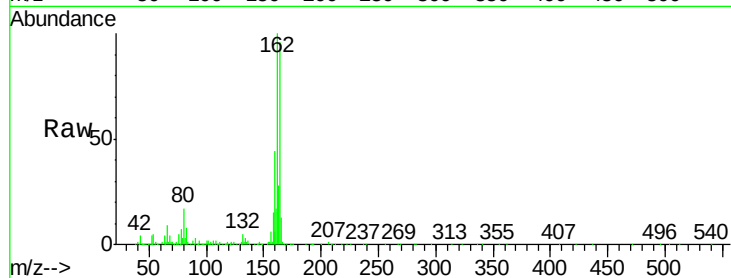
Tgt Ion:164 Resp: 343030

Ion Ratio Lower Upper

164 100

162 103.8 87.7 131.5

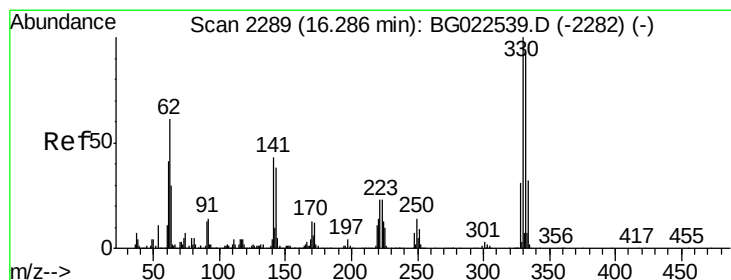
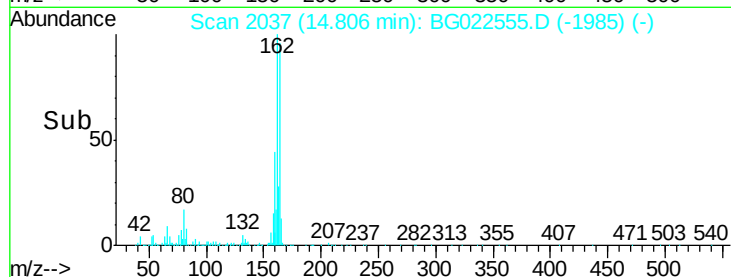
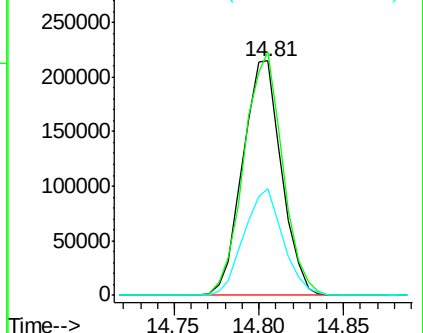
160 45.7 37.2 55.8



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: 147.32 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

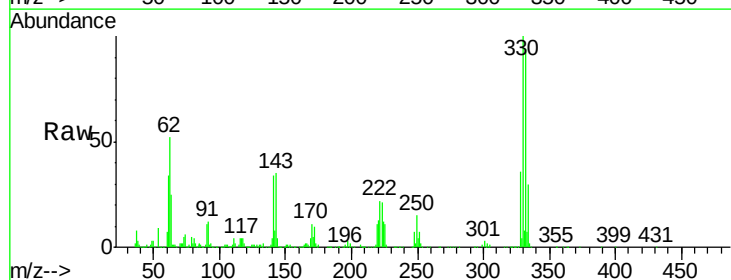
Tgt Ion:330 Resp: 794842

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

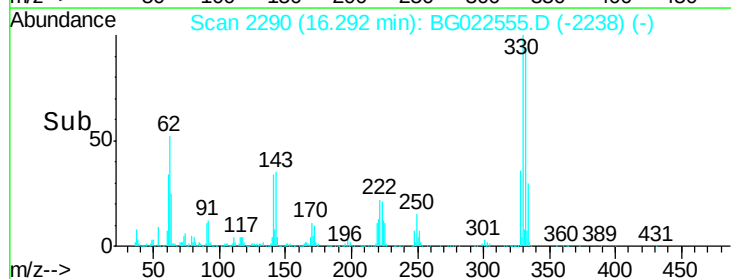
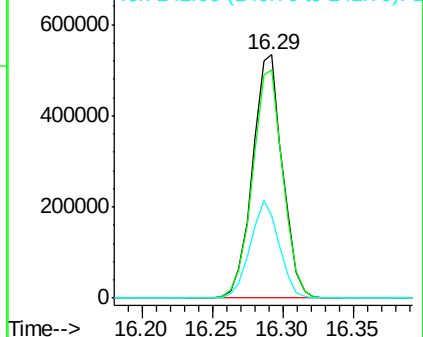
141 38.8 31.7 47.5

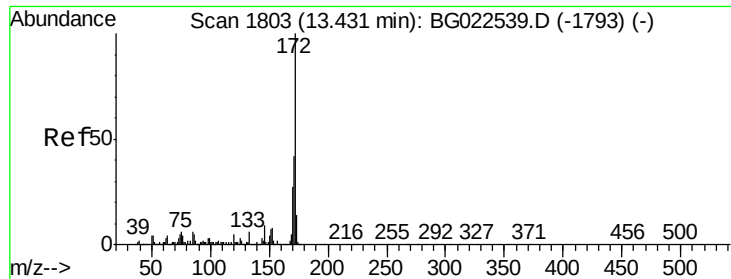


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

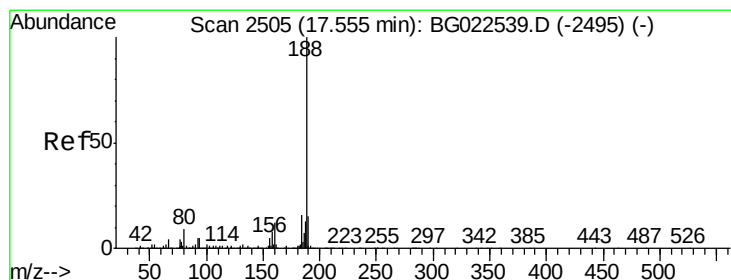
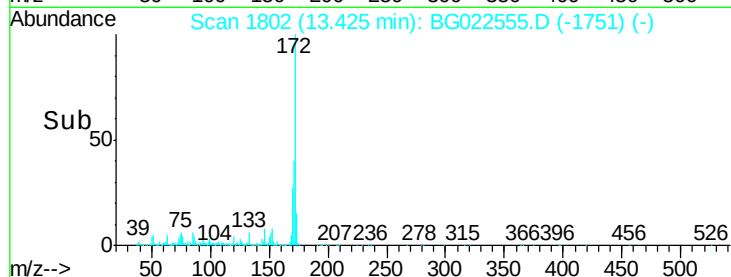
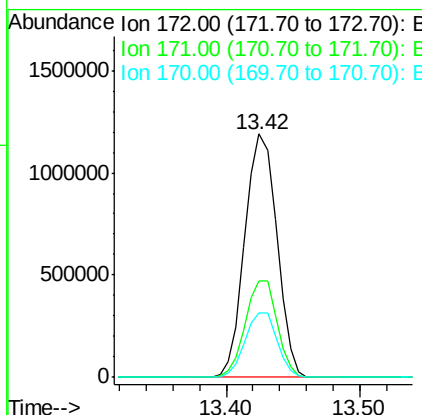
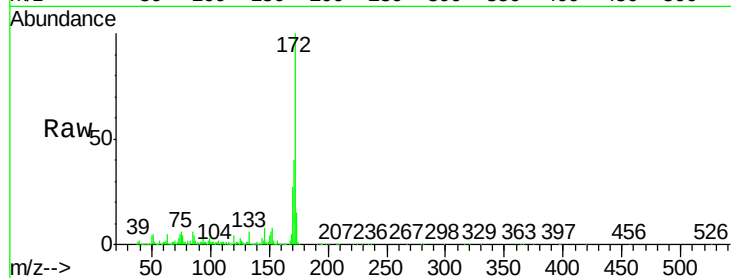




#44
2-Fluorobiphenyl
Concen: 91.24 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022555.D
Acq: 25 Jun 2016 2:07

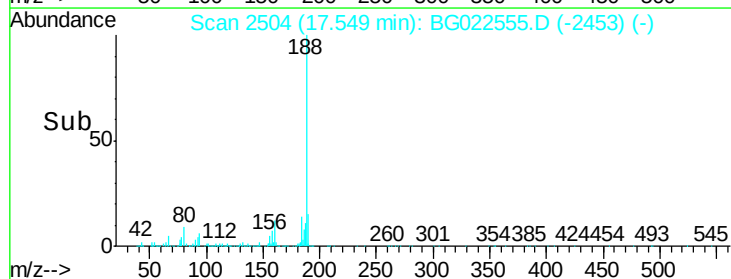
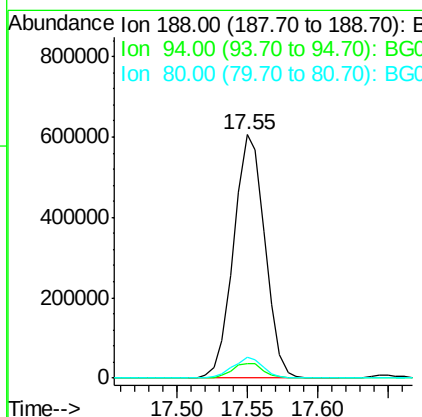
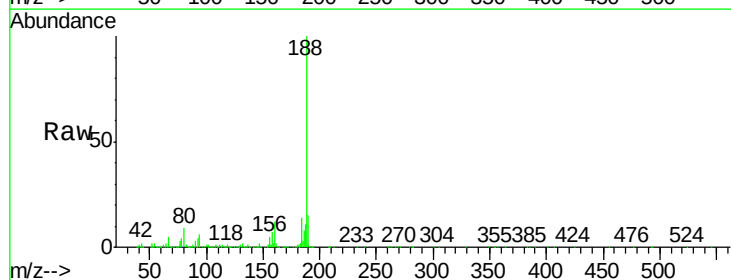
Instrument :
BNA_G
ClientSampleId :
FB2

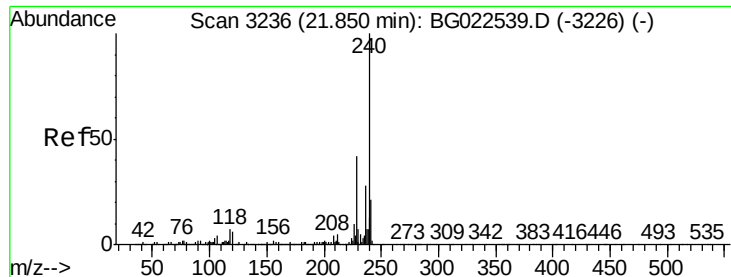
Tgt Ion:172 Resp: 1973563
Ion Ratio Lower Upper
172 100
171 39.6 31.6 47.4
170 26.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022555.D
Acq: 25 Jun 2016 2:07

Tgt Ion:188 Resp: 931105
Ion Ratio Lower Upper
188 100
94 6.1 5.2 7.8
80 8.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FB2

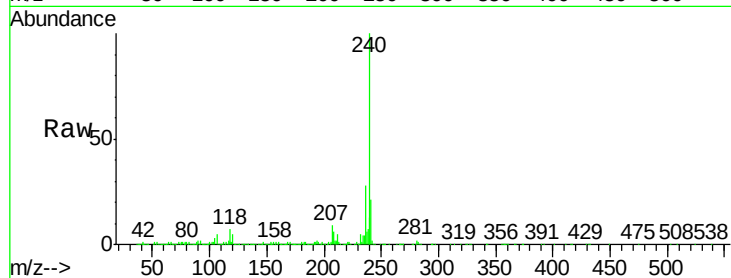
Tgt Ion:240 Resp: 1052498

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

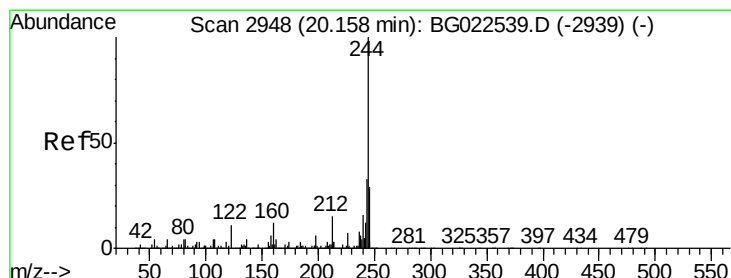
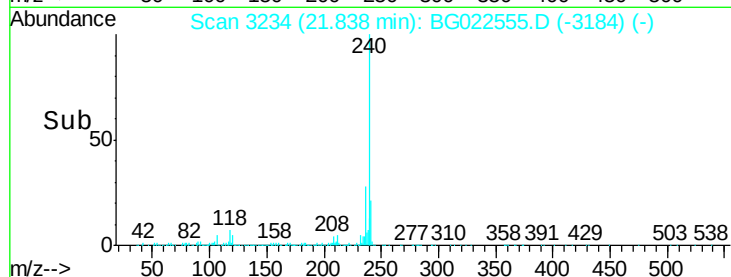
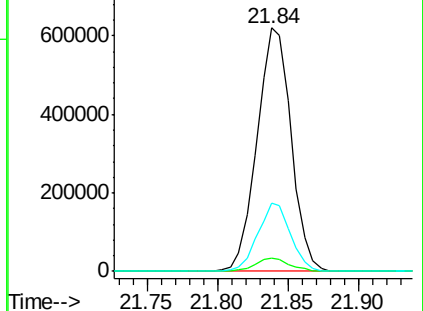
236 27.9 21.1 31.7



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: 78.51 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022555.D

Acq: 25 Jun 2016 2:07

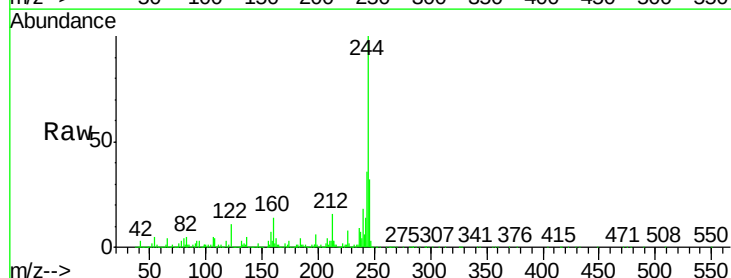
Tgt Ion:244 Resp: 3118935

Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

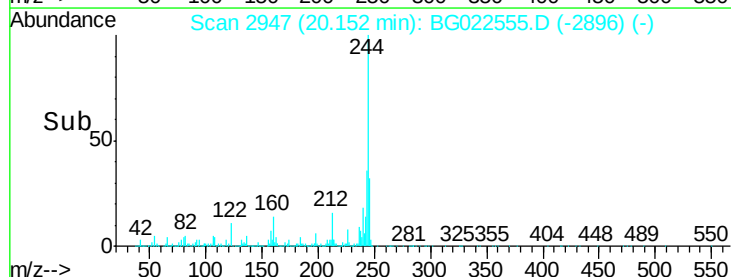
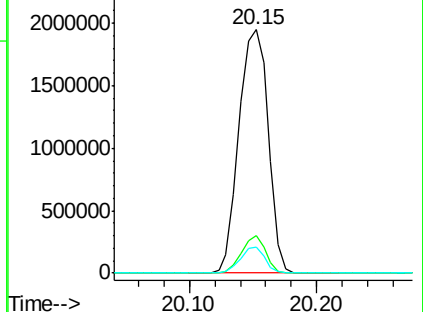
122 10.9 8.0 12.0

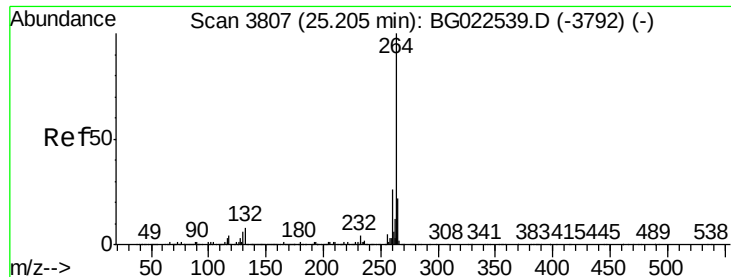


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG022555.D
Acq: 25 Jun 2016 2:07

Instrument :
BNA_G
ClientSampleId :
FB2

Tgt Ion: 264 Resp: 1078061

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	21.9	18.9	28.3

