

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022574.D
 Acq On : 25 Jun 2016 14:46
 Operator : UM/SJ
 Sample : PB91578BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BL

Quant Time: Jun 27 01:08:29 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

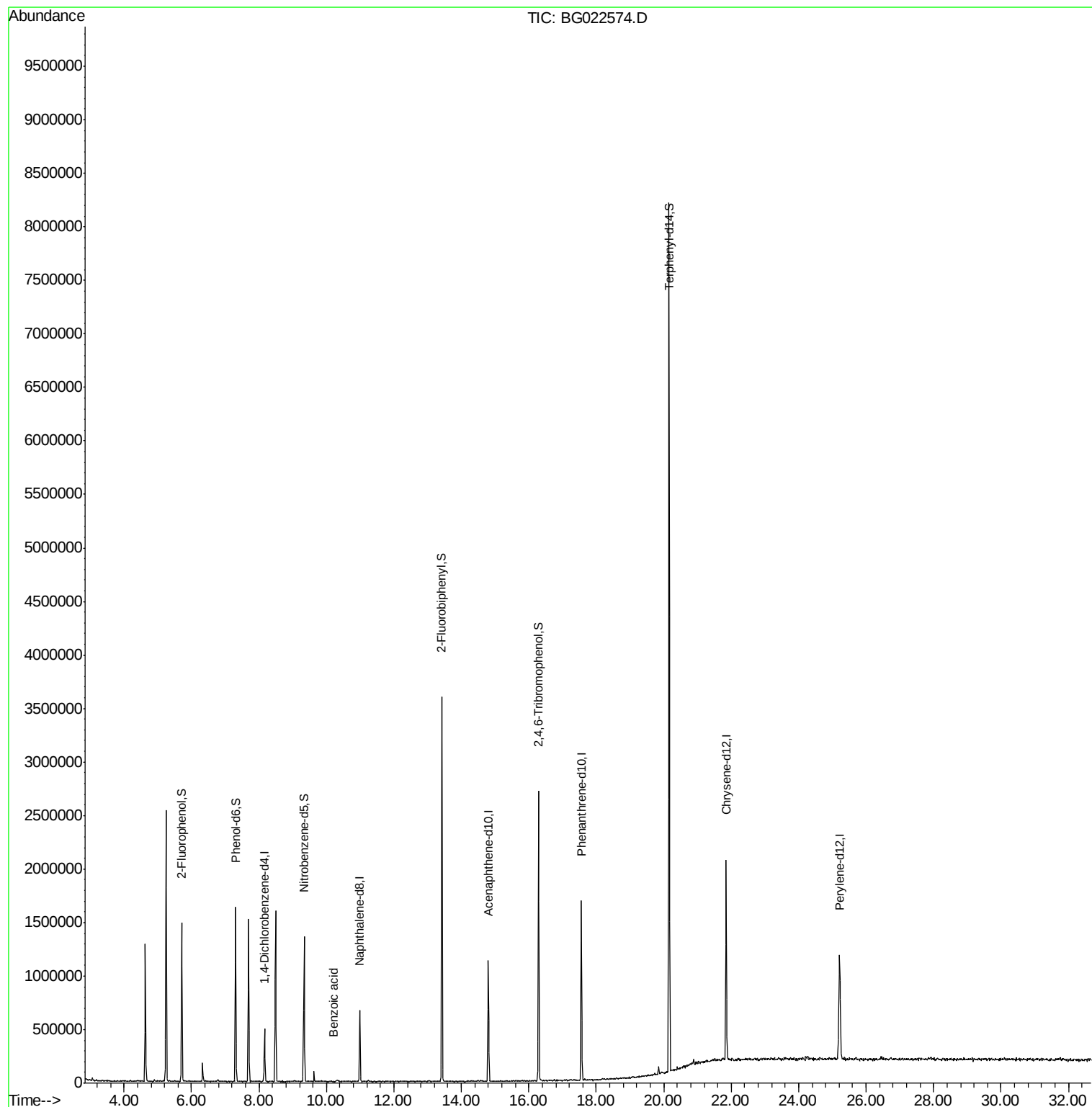
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	124066	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	530187	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	374220	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1025755	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1177826	20.00	ng	0.00
86) Perylene-d12	25.21	264	1175968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	588590	76.09	ng	0.00
7) Phenol-d6	7.31	99	886994	81.35	ng	0.00
23) Nitrobenzene-d5	9.33	82	888298	70.91	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	488352	82.97	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1759729	74.57	ng	0.00
78) Terphenyl-d14	20.16	244	2903093	65.30	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	86	5.13	ng	Qvalue # 24

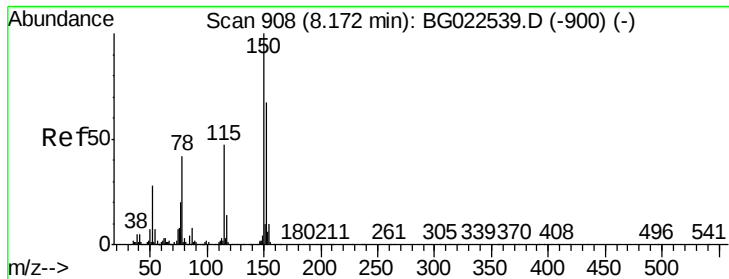
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022574.D
Acq On : 25 Jun 2016 14:46
Operator : UM/SJ
Sample : PB91578BL
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91578BL

Quant Time: Jun 27 01:08:29 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



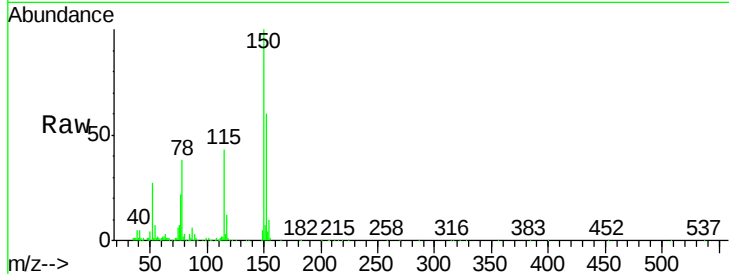


#1

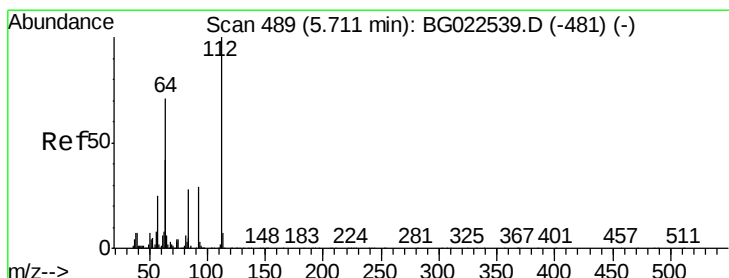
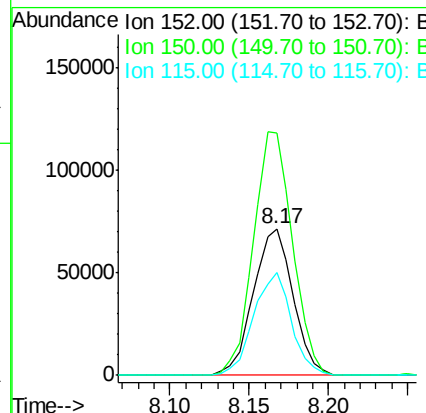
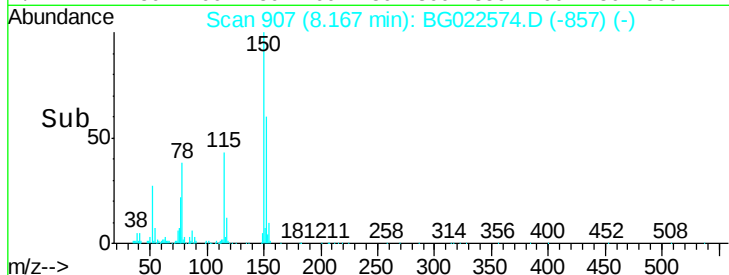
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB91578BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.6	144.7	217.1
115	70.5	64.0	96.0



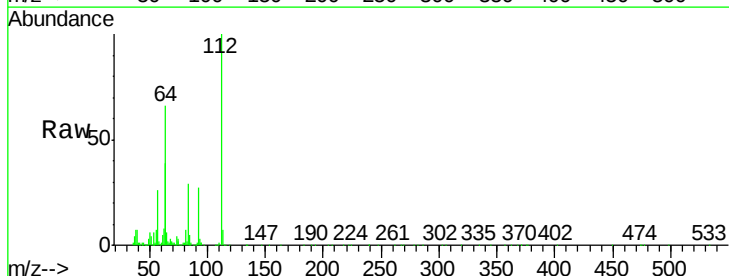
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



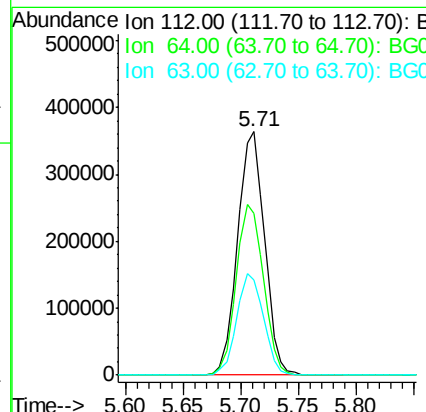
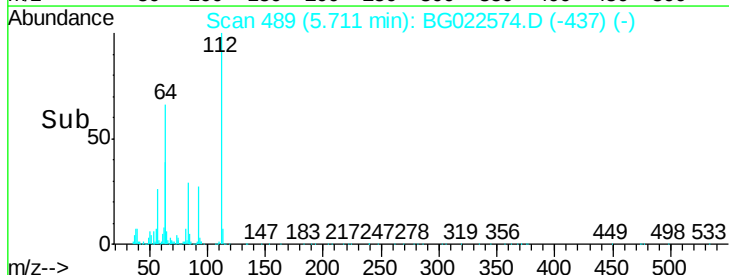
#5

2-Fluorophenol
Concen: 76.09 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	59.0	88.4
63	39.3	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





#7

Phenol-d6

Concen: 81.35 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

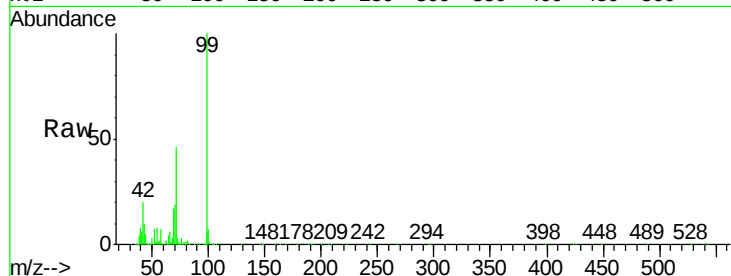
Tgt Ion: 99 Resp: 886994

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

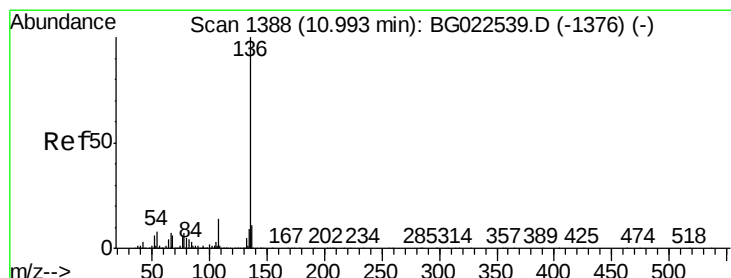
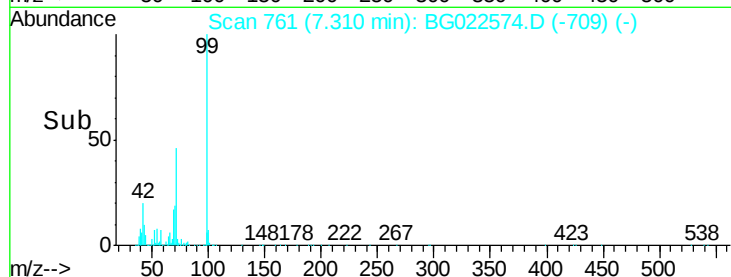
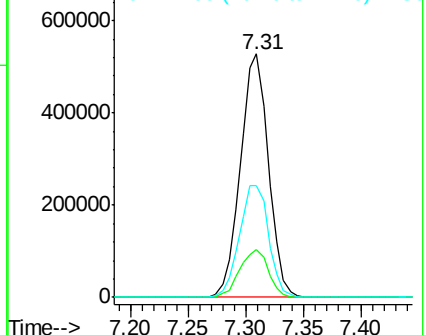
71 45.7 41.5 62.3



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: BG022574.D

Acq: 25 Jun 2016 14:46

Tgt Ion: 136 Resp: 530187

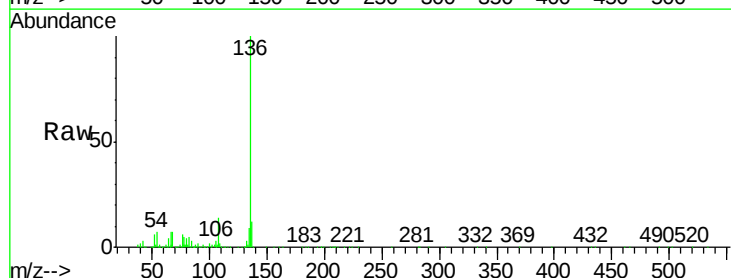
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 7.0 7.3 10.9#

68 6.7 5.3 7.9

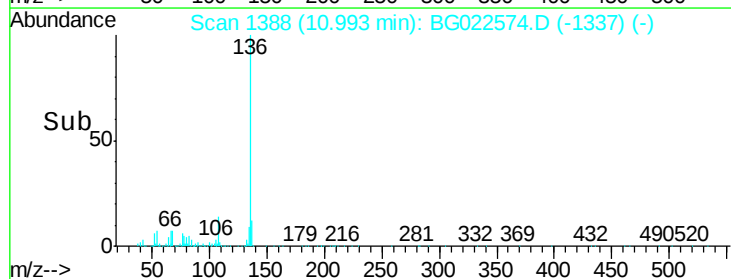
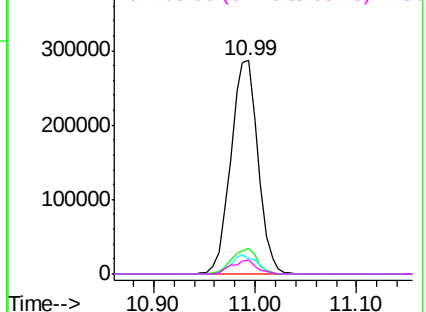


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

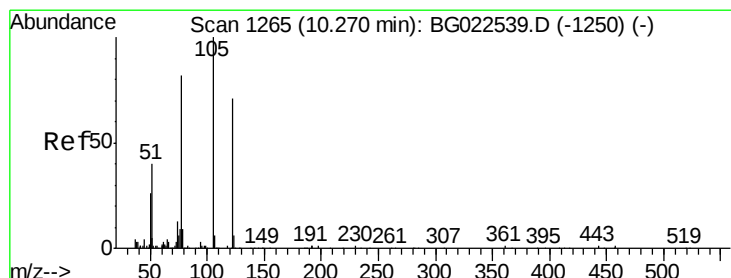
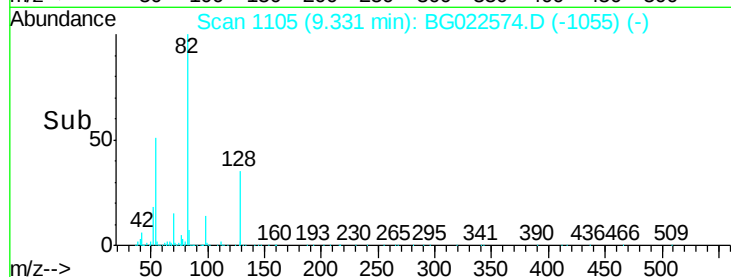
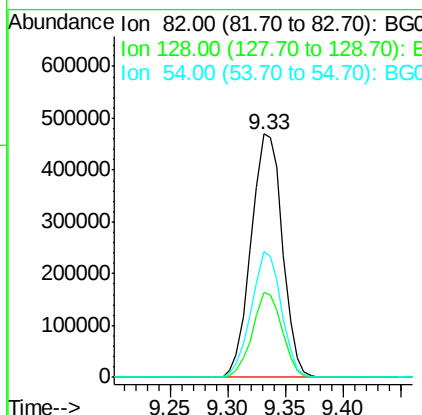
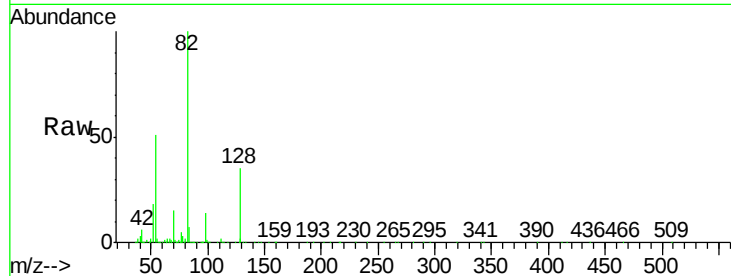




#23
Nitrobenzene-d5
Concen: 70.91 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

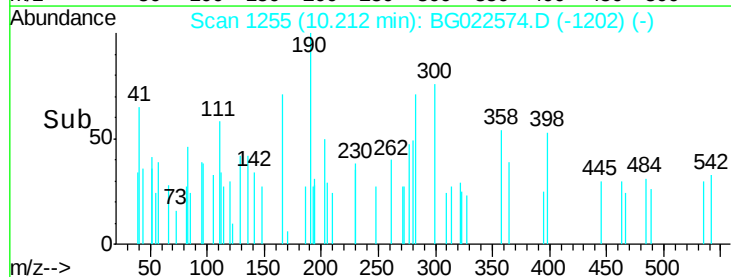
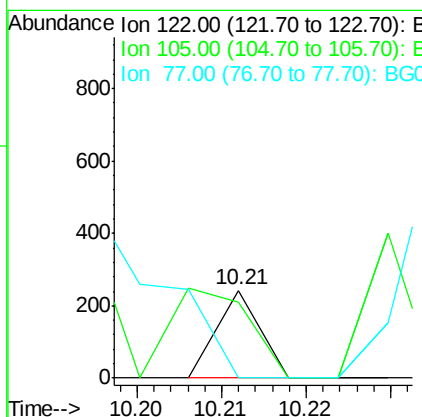
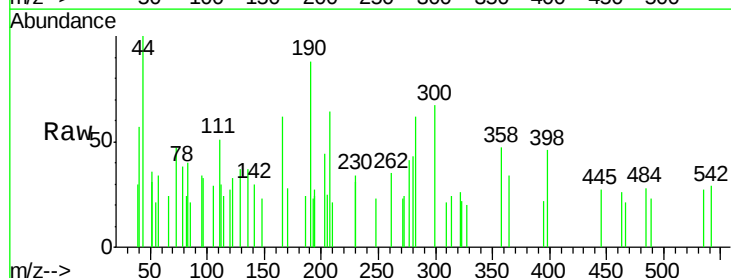
Instrument :
BNA_G
ClientSampleId :
PB91578BL

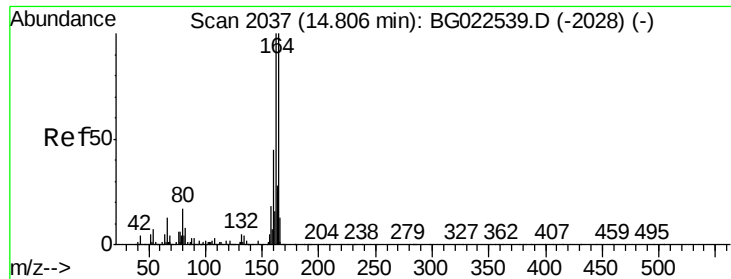
Tgt Ion: 82 Resp: 888298
Ion Ratio Lower Upper
82 100
128 34.7 24.4 36.6
54 51.5 41.4 62.0



#32
Benzoic acid
Concen: 5.13 ng
RT: 10.21 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion: 122 Resp: 86
Ion Ratio Lower Upper
122 100
105 86.4 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

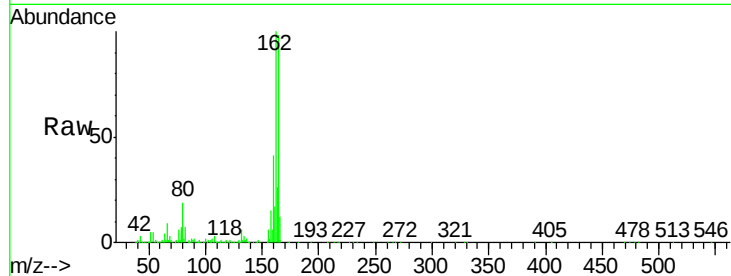
Tgt Ion:164 Resp: 374220

Ion Ratio Lower Upper

164 100

162 102.0 87.7 131.5

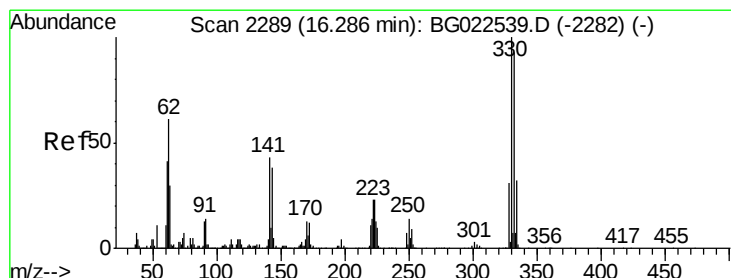
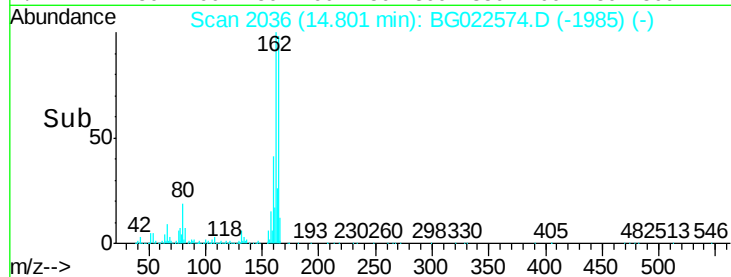
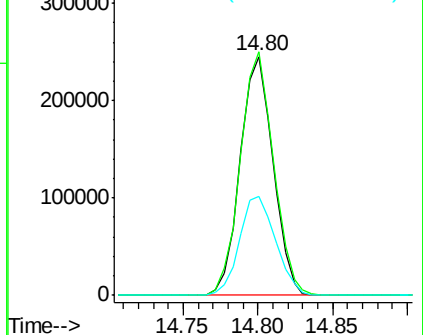
160 41.5 37.2 55.8



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: 82.97 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

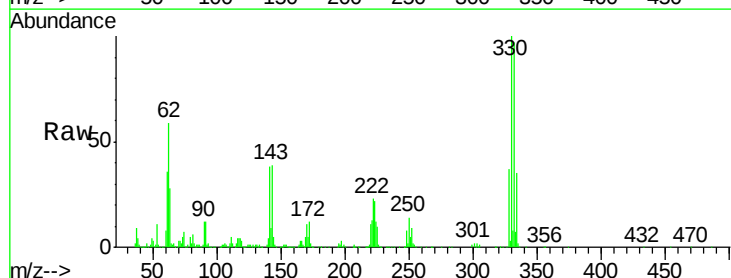
Tgt Ion:330 Resp: 488352

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

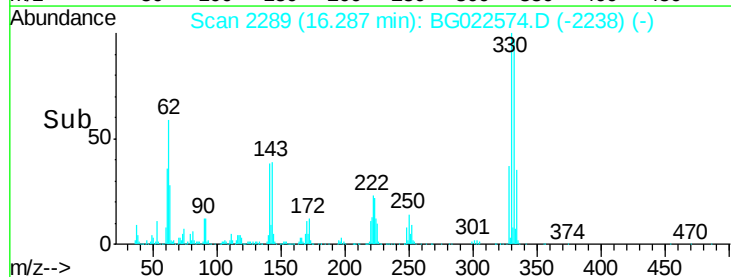
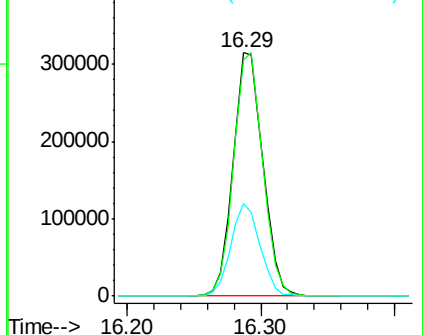
141 37.3 31.7 47.5

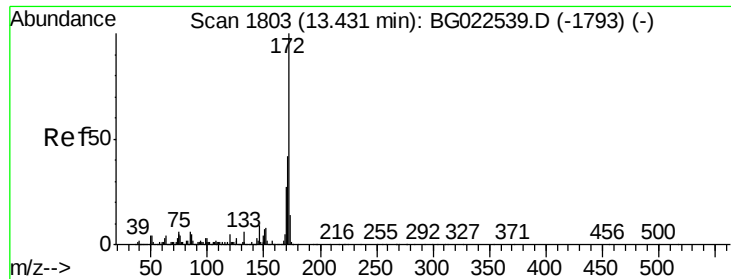


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

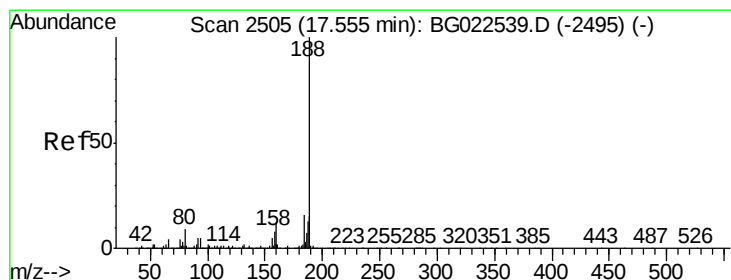
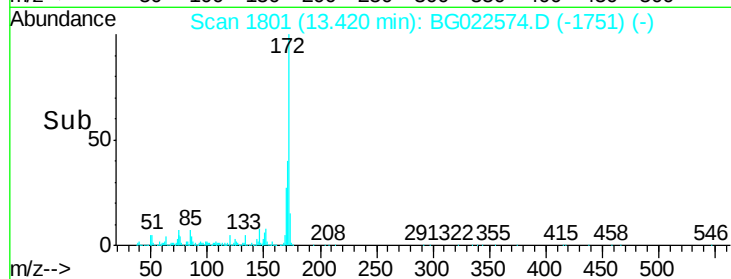
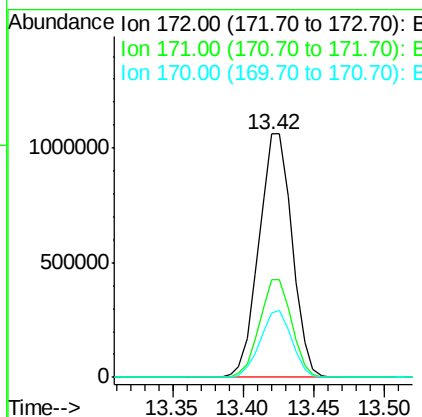
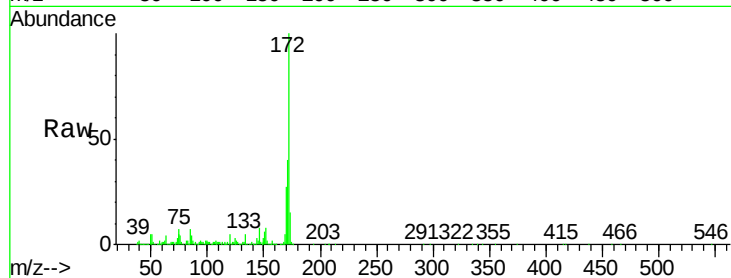




#44
2-Fluorobiphenyl
Concen: 74.57 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

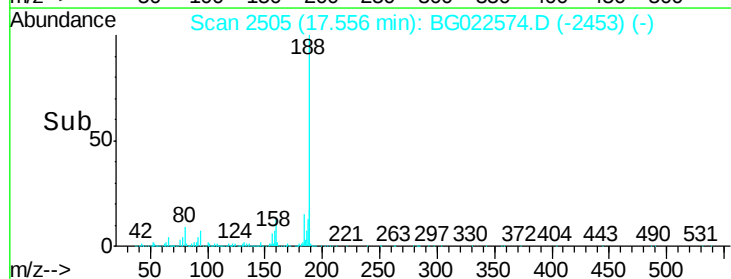
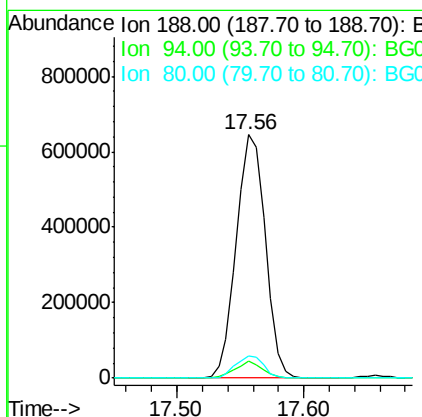
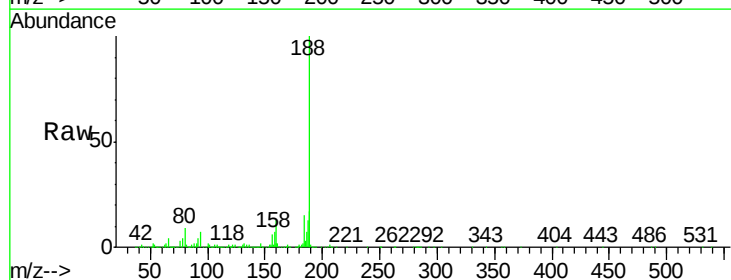
Instrument :
BNA_G
ClientSampleId :
PB91578BL

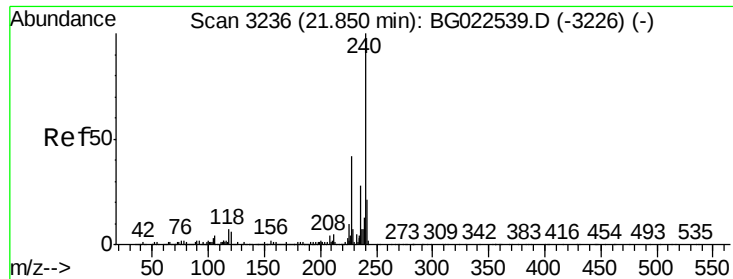
Tgt Ion:172 Resp: 1759729
Ion Ratio Lower Upper
172 100
171 40.1 31.6 47.4
170 26.6 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion:188 Resp: 1025755
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.9 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: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

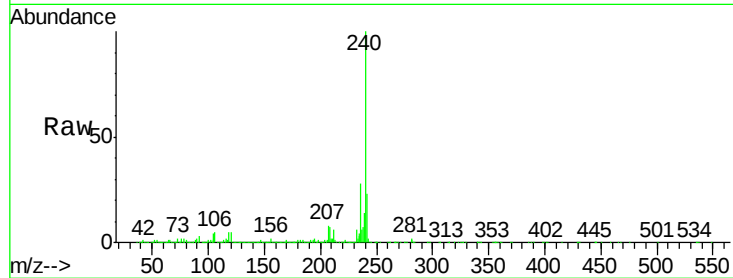
Tgt Ion:240 Resp: 1177826

Ion Ratio Lower Upper

240 100

120 4.6 4.1 6.1

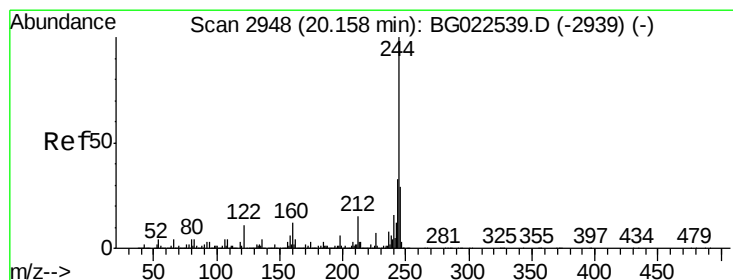
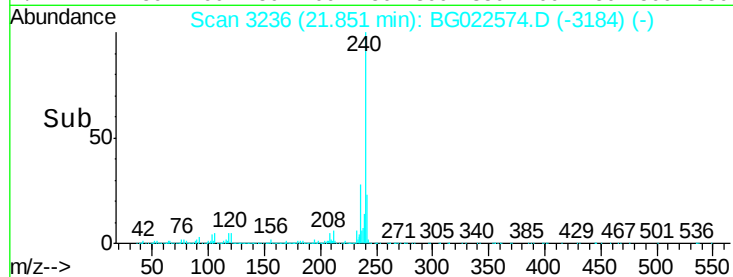
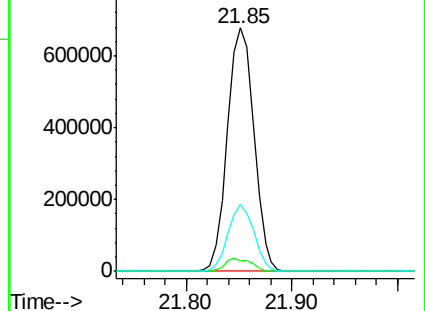
236 27.6 21.1 31.7



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: 65.30 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

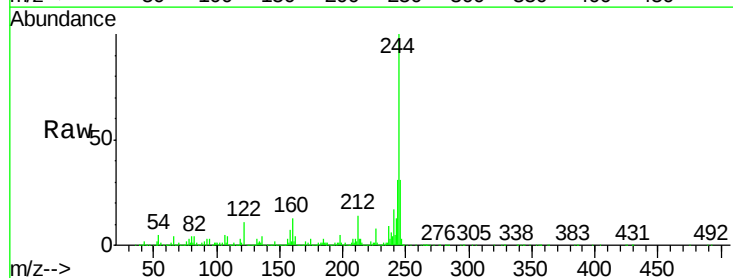
Tgt Ion:244 Resp: 2903093

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

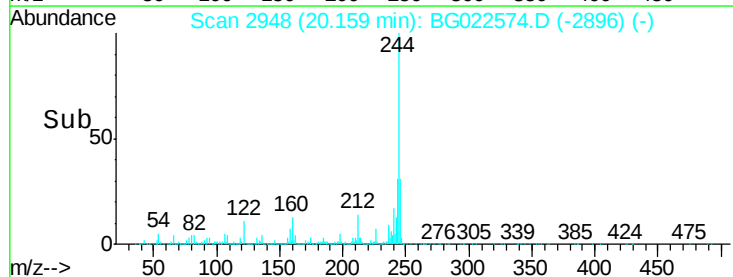
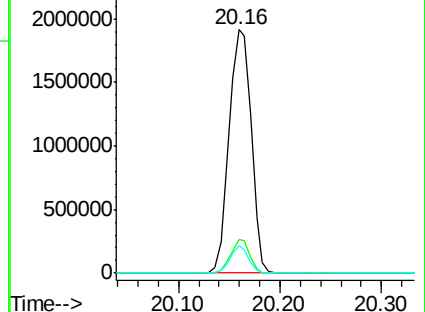
122 11.2 8.0 12.0

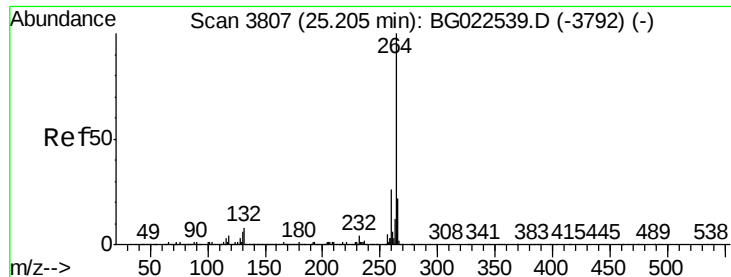


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022574.D
 Acq: 25 Jun 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BL

Tgt Ion: 264 Resp: 1175968
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.9 18.9 28.3

