

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022565.D
 Acq On : 25 Jun 2016 8:47
 Operator : UM/SJ
 Sample : H3633-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P0-010

Quant Time: Jun 27 01:04:50 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

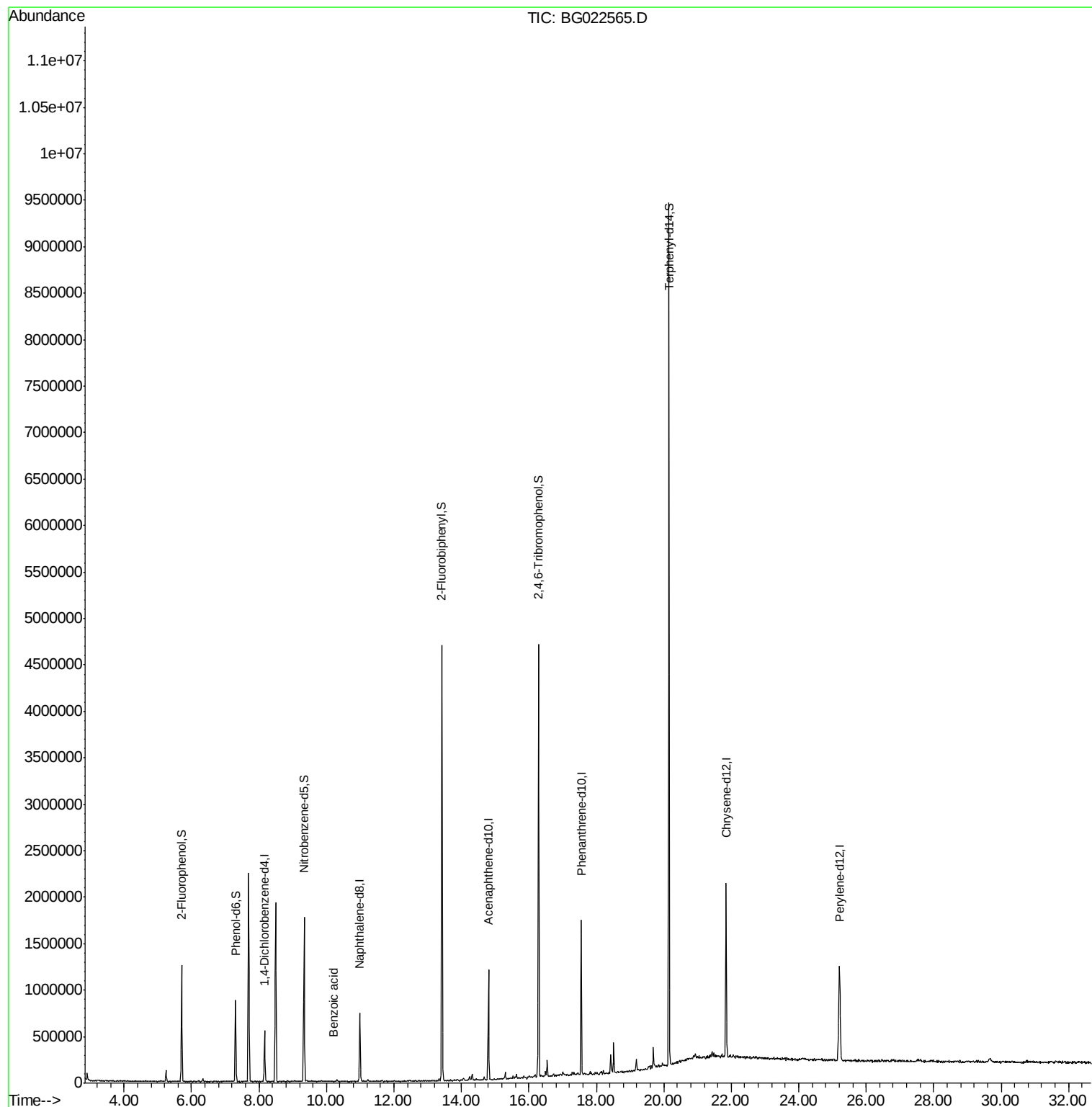
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	137513	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	578567	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	402149	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1001222	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1152113	20.00	ng	0.00
86) Perylene-d12	25.21	264	1231486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	490713	57.24	ng	0.00
7) Phenol-d6	7.30	99	475741	39.37	ng	0.00
23) Nitrobenzene-d5	9.34	82	1137839	83.24	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	868274	137.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2218241	87.48	ng	0.00
78) Terphenyl-d14	20.15	244	3105869	71.42	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	114	5.13	ng	Qvalue # 37

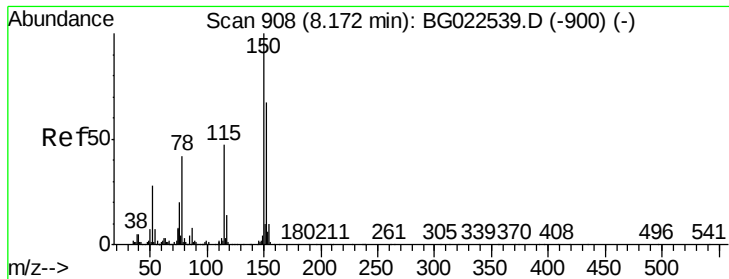
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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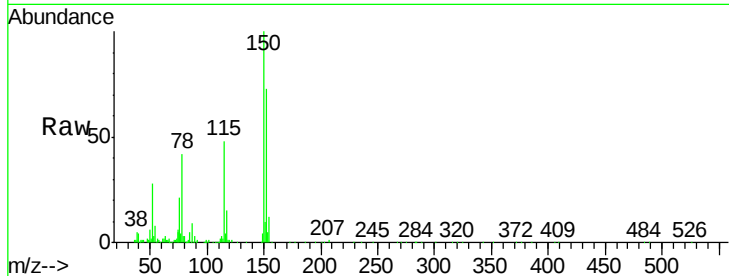


#1

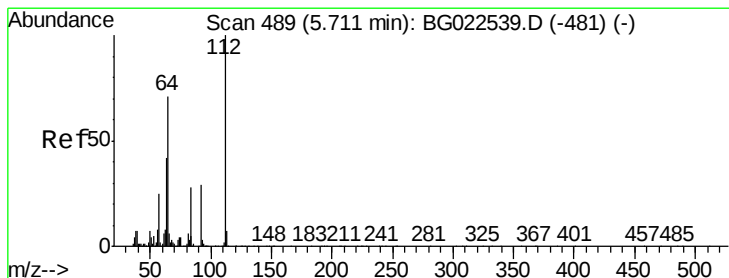
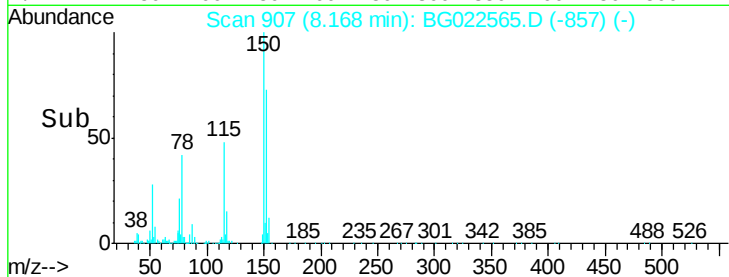
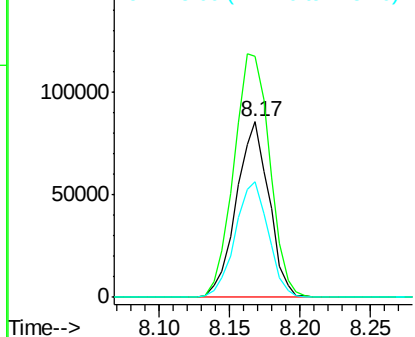
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG022565.D
Acq: 25 Jun 2016 8:47

Instrument :
BNA_G
ClientSampleId :
P0-010

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.4	144.7	217.1#
115	66.2	64.0	96.0



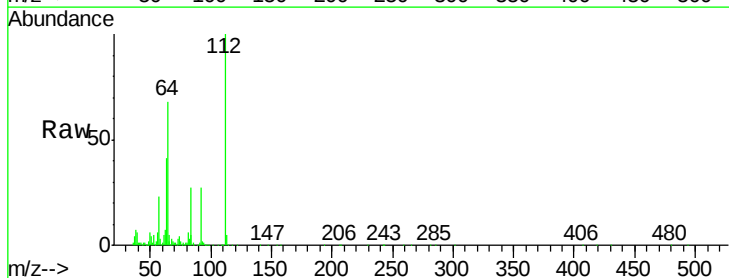
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



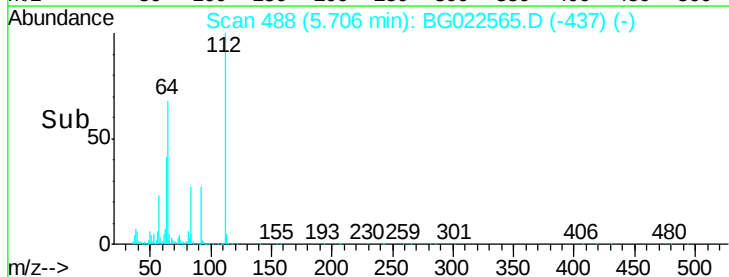
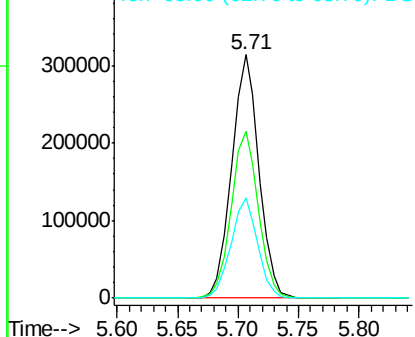
#5

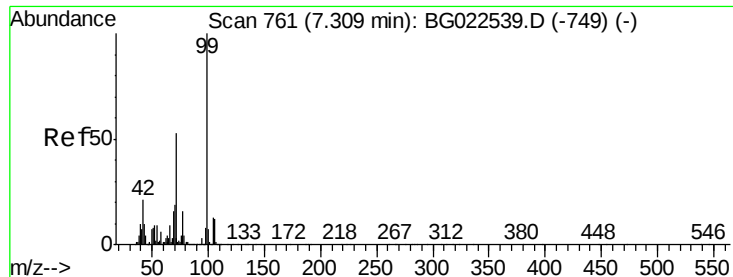
2-Fluorophenol
Concen: 57.24 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022565.D
Acq: 25 Jun 2016 8:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	41.2	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: 39.37 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

Instrument :

BNA_G

ClientSampleId :

P0-010

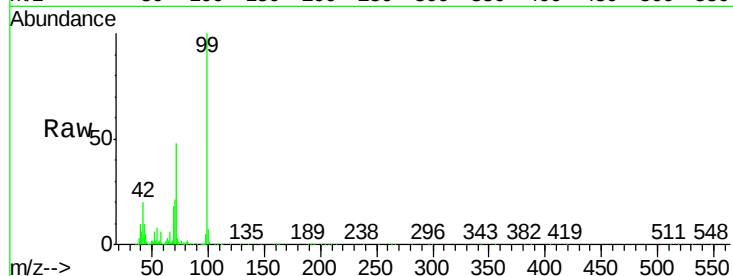
Tgt Ion: 99 Resp: 475741

Ion Ratio Lower Upper

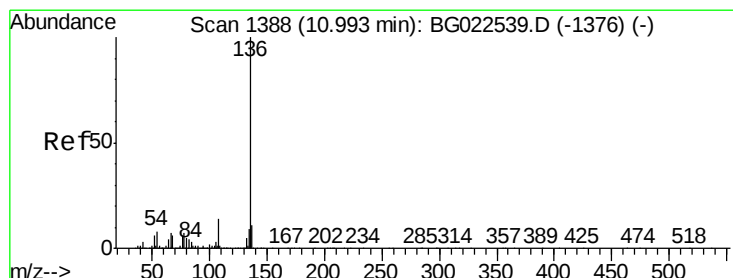
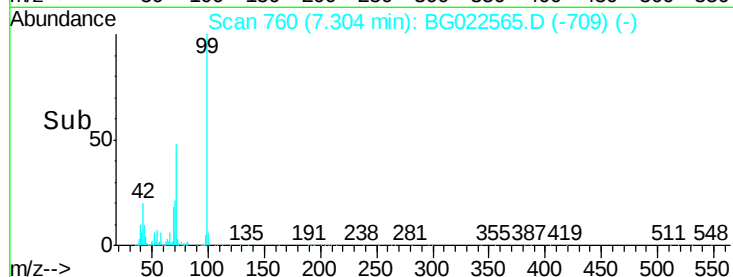
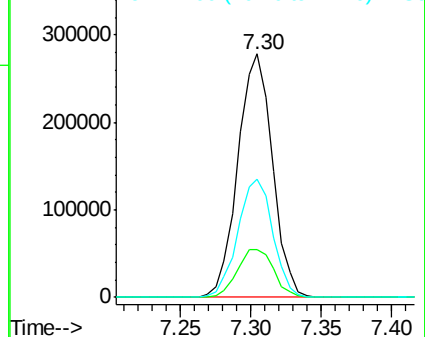
99 100

42 19.9 17.8 26.6

71 48.4 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. -0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

Tgt Ion: 136 Resp: 578567

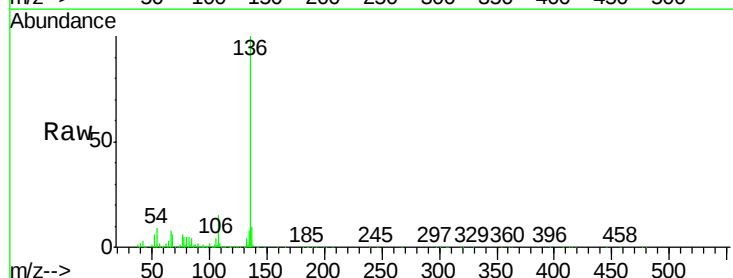
Ion Ratio Lower Upper

136 100

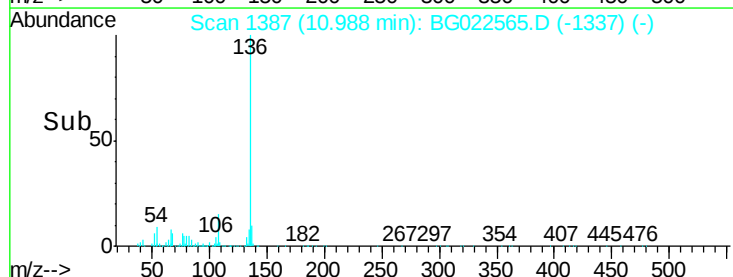
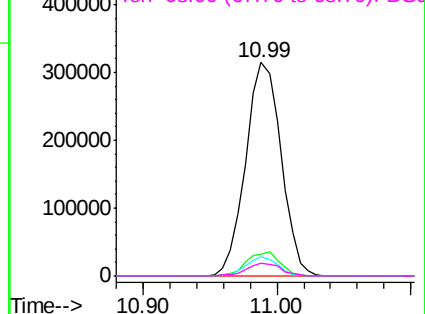
137 10.4 9.6 14.4

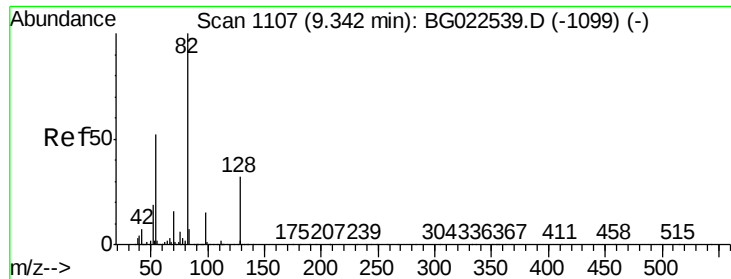
54 8.7 7.3 10.9

68 6.0 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

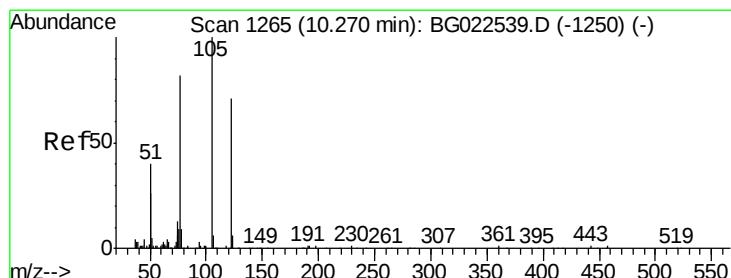
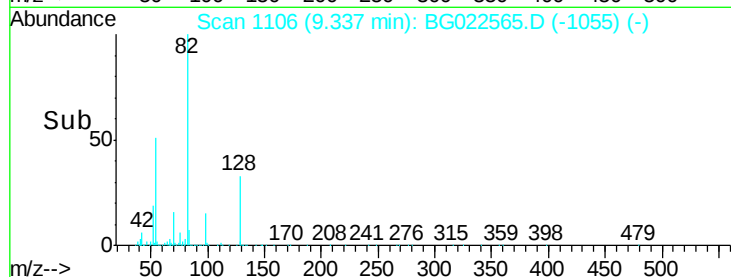
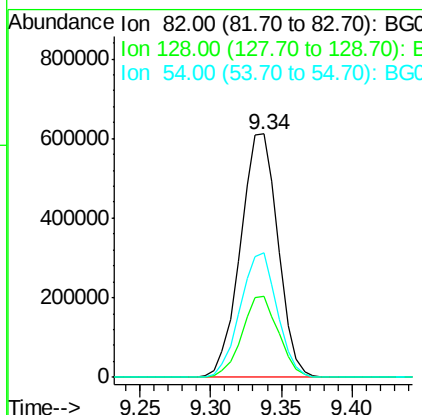
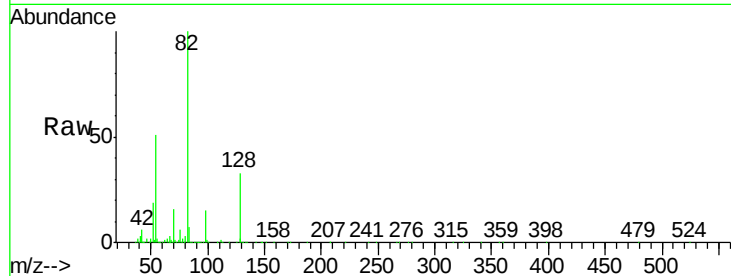




#23
 Nitrobenzene-d5
 Concen: 83.24 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022565.D
 Acq: 25 Jun 2016 8:47

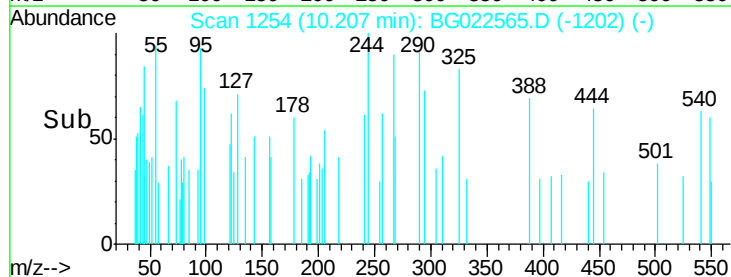
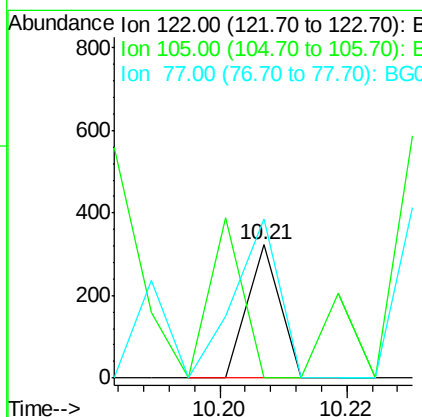
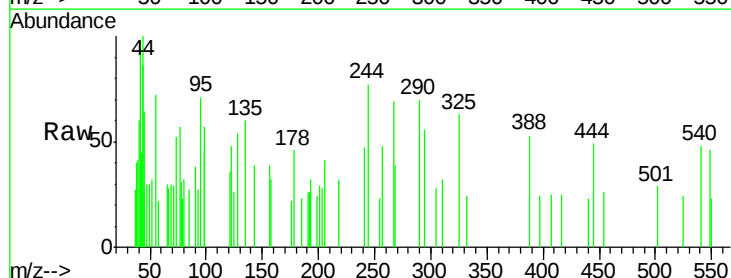
Instrument :
 BNA_G
 ClientSampleId :
 P0-010

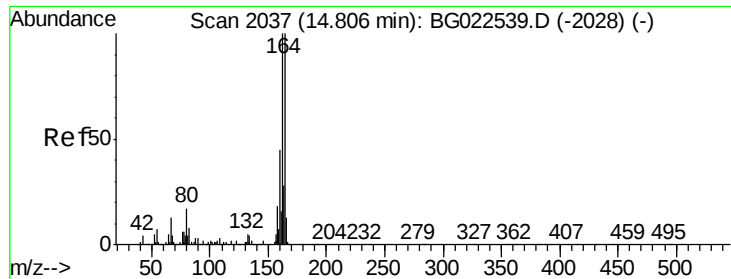
Tgt Ion: 82 Resp: 1137839
 Ion Ratio Lower Upper
 82 100
 128 33.4 24.4 36.6
 54 51.2 41.4 62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG022565.D
 Acq: 25 Jun 2016 8:47

Tgt Ion: 122 Resp: 114
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 119.6 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

Instrument :

BNA_G

ClientSampleId :

P0-010

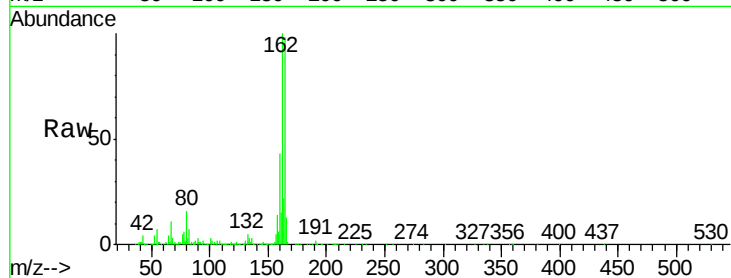
Tgt Ion:164 Resp: 402149

Ion Ratio Lower Upper

164 100

162 101.9 87.7 131.5

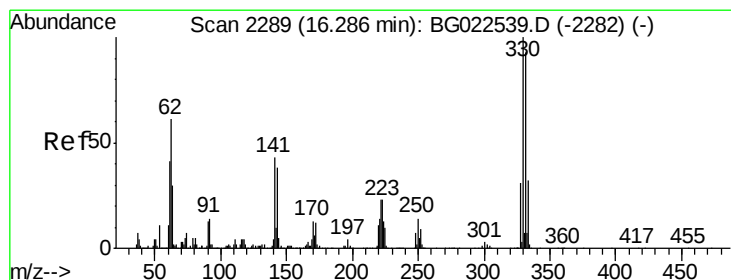
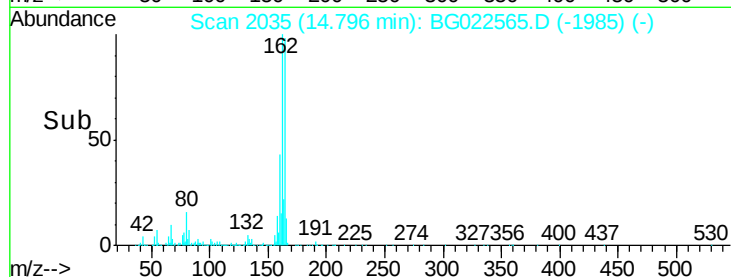
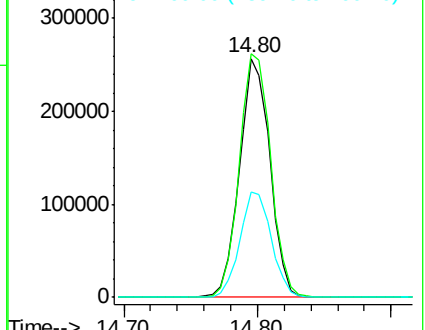
160 43.9 37.2 55.8



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: 137.27 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

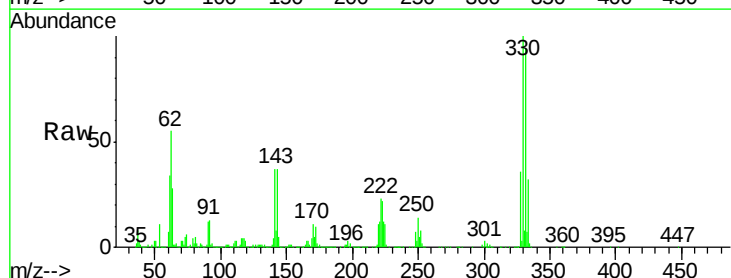
Tgt Ion:330 Resp: 868274

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

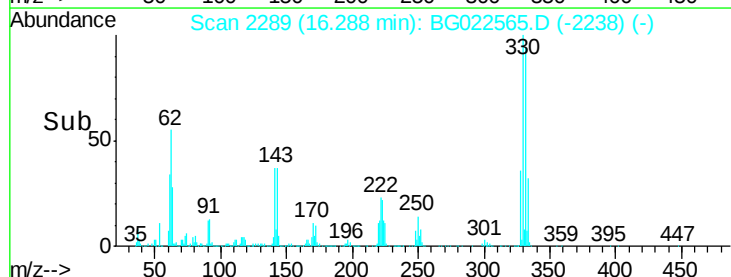
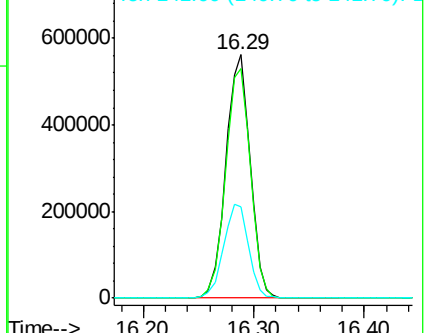
141 39.3 31.7 47.5

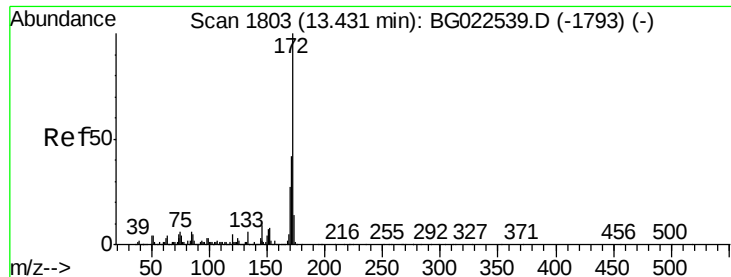


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

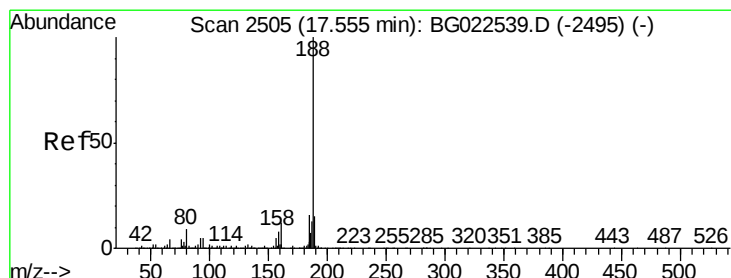
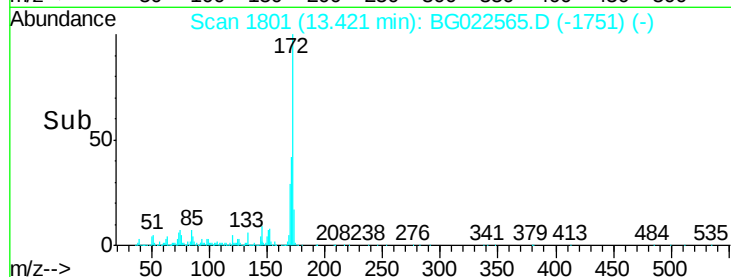
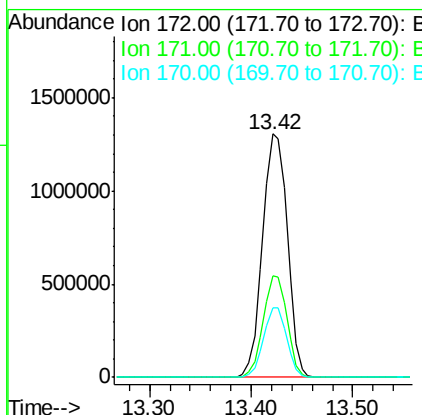
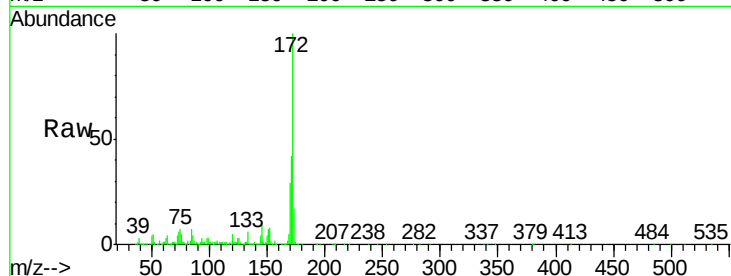




#44
2-Fluorobiphenyl
Concen: 87.48 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022565.D
Acq: 25 Jun 2016 8:47

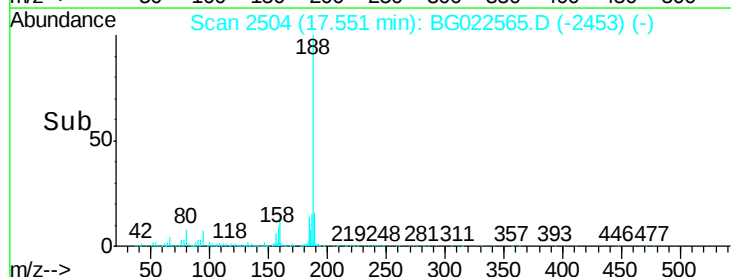
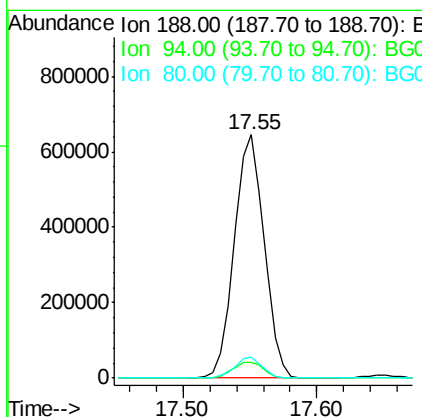
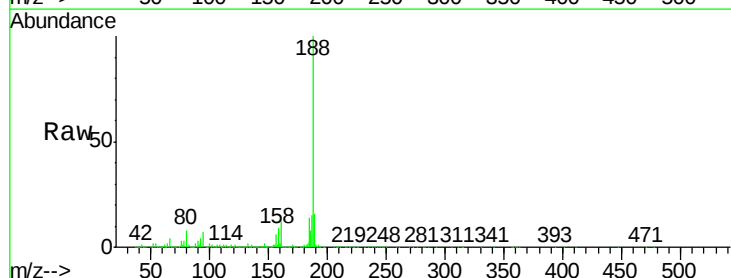
Instrument :
BNA_G
ClientSampleId :
P0-010

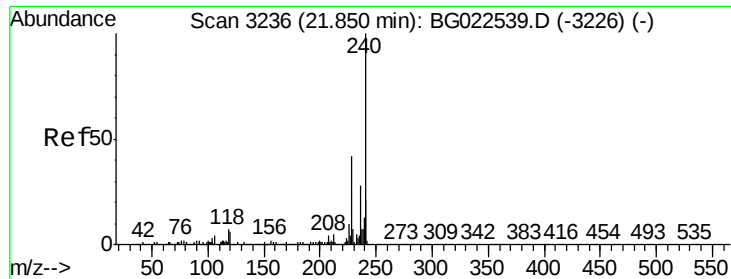
Tgt Ion:172 Resp: 2218241
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 28.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022565.D
Acq: 25 Jun 2016 8:47

Tgt Ion:188 Resp: 1001222
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 8.4 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

Instrument :

BNA_G

ClientSampleId :

P0-010

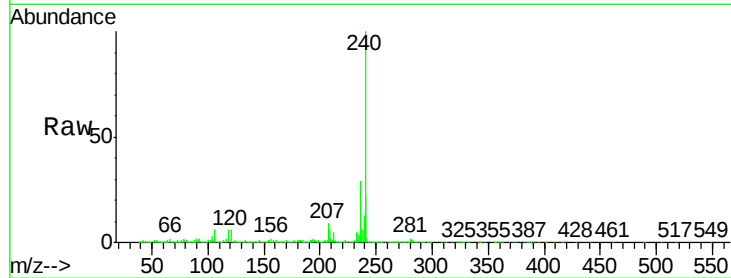
Tgt Ion:240 Resp: 1152113

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

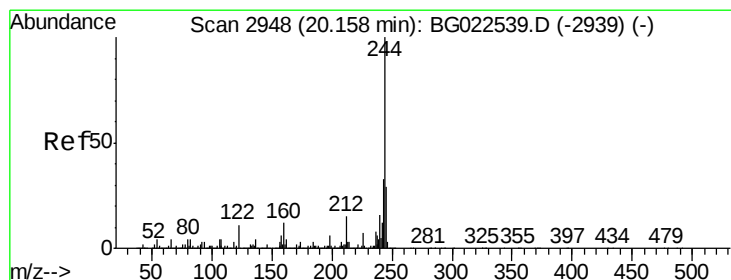
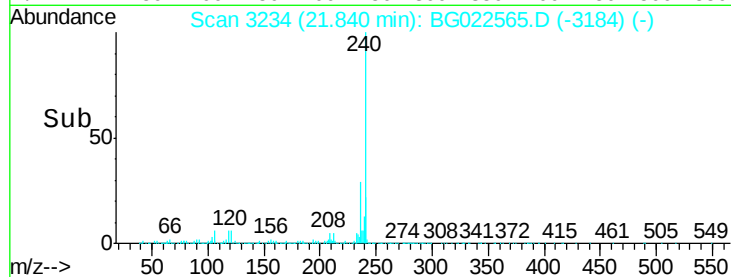
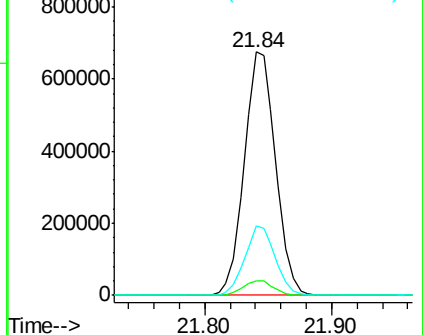
236 28.6 21.1 31.7



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: 71.42 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022565.D

Acq: 25 Jun 2016 8:47

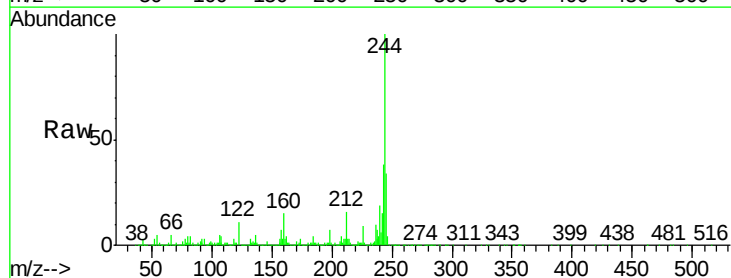
Tgt Ion:244 Resp: 3105869

Ion Ratio Lower Upper

244 100

212 16.2 10.8 16.2

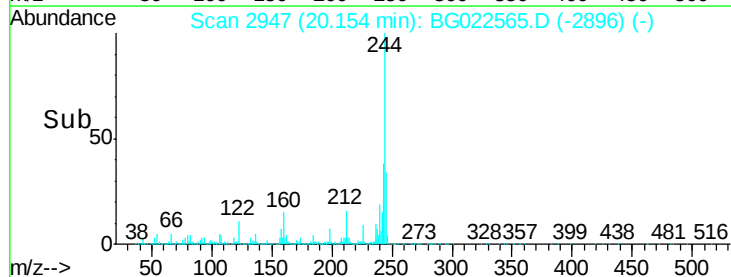
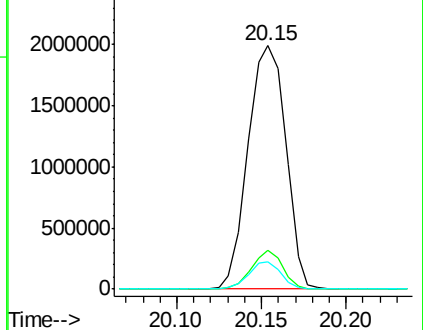
122 11.4 8.0 12.0

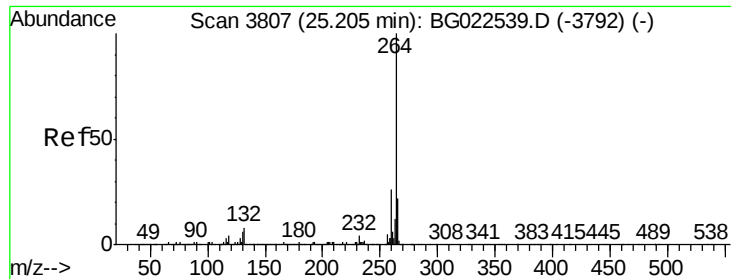


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022565.D
Acq: 25 Jun 2016 8:47

Instrument :
BNA_G
ClientSampleId :
P0-010

Tgt Ion: 264 Resp: 1231486

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.0	18.9	28.3

