

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022581.D
 Acq On : 25 Jun 2016 19:26
 Operator : UM/SJ
 Sample : PB91573BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91573BL

Quant Time: Jun 26 06:48:10 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

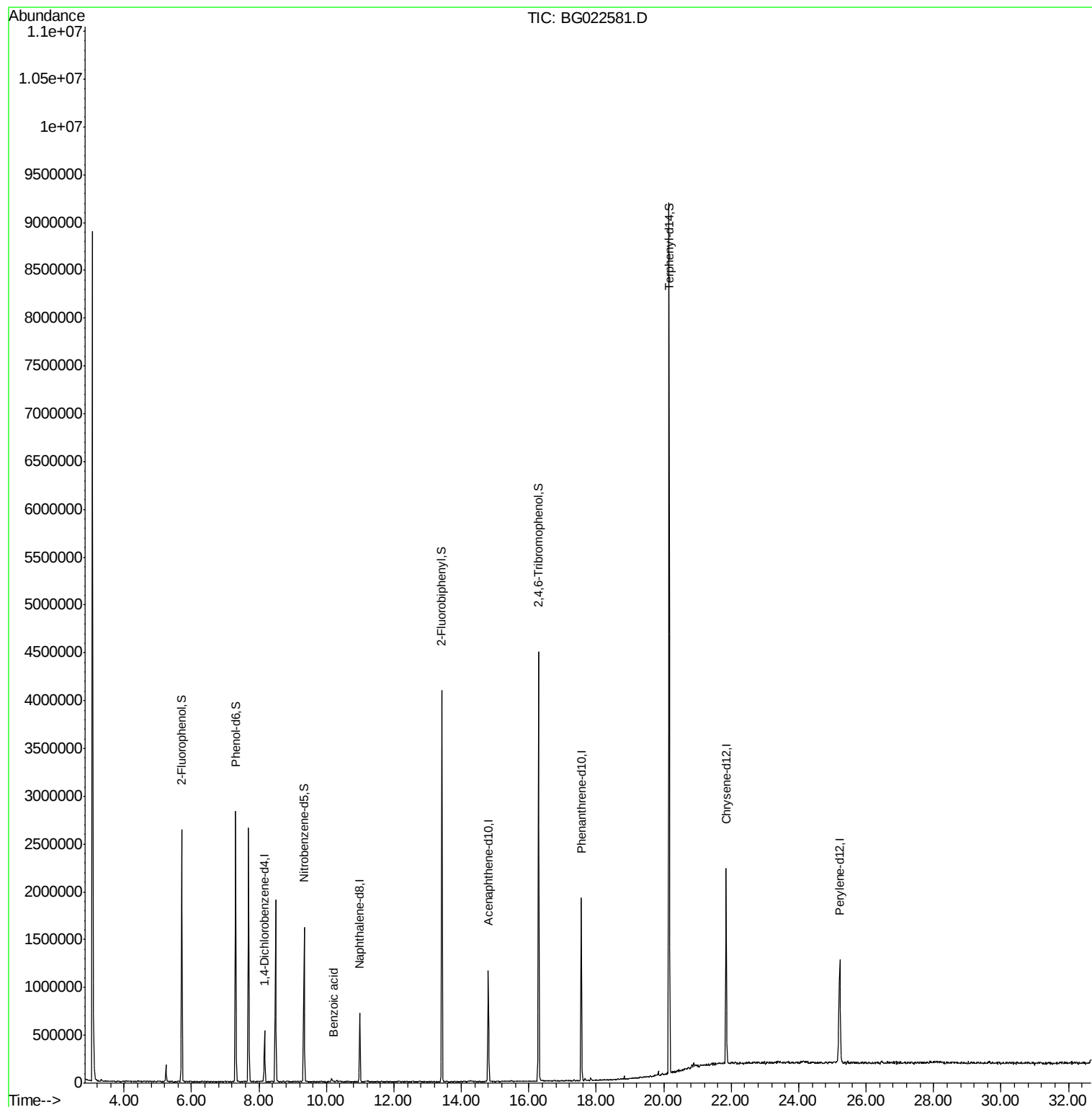
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	137735	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	564949	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	405423	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1099088	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1292274	20.00	ng	0.00
86) Perylene-d12	25.22	264	1282963	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1047932	122.03	ng	0.00
7) Phenol-d6	7.31	99	1527290	126.18	ng	0.00
23) Nitrobenzene-d5	9.34	82	1061419	79.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	816344	128.02	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2025344	79.22	ng	0.00
78) Terphenyl-d14	20.16	244	3210648	65.82	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	197	5.14	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: BG022581.D

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BNA_G

ClientSampleId :

PB91573BL

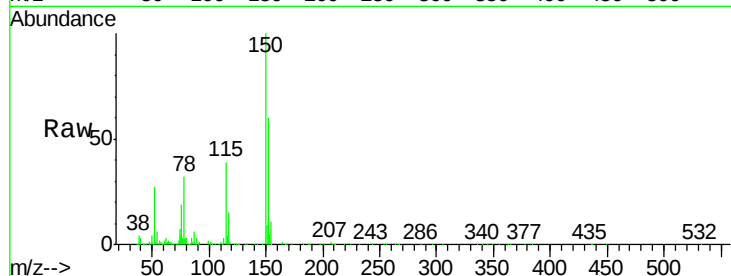
Tgt Ion:152 Resp: 137735

Ion Ratio Lower Upper

152 100

150 166.2 144.7 217.1

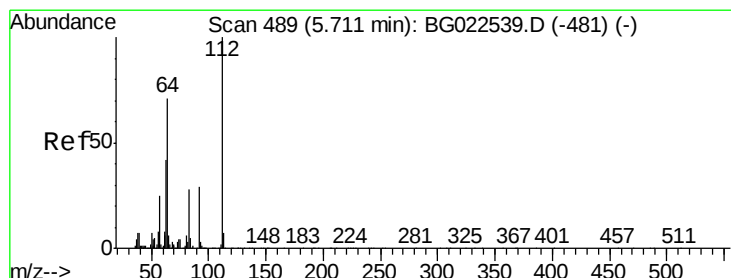
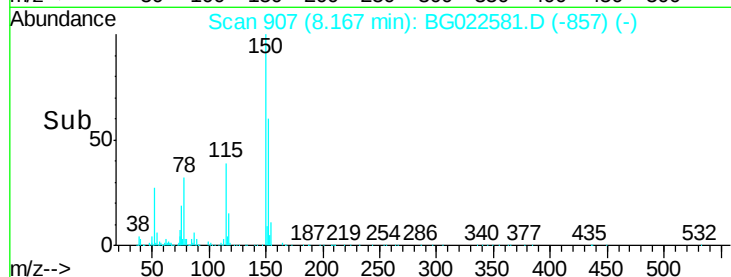
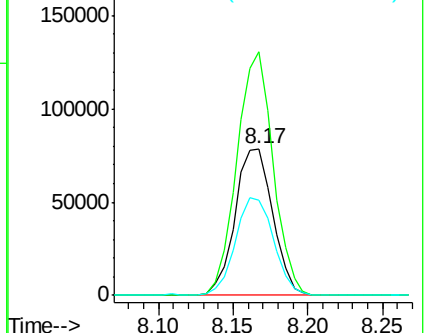
115 64.8 64.0 96.0



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: 122.03 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

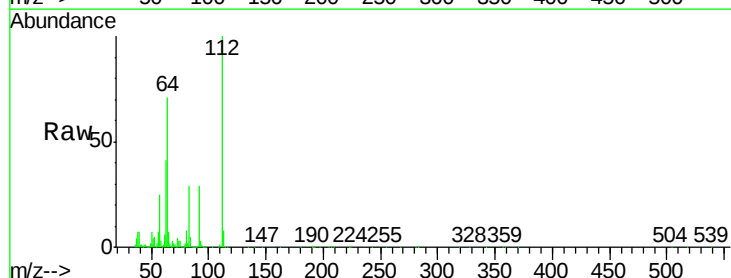
Tgt Ion:112 Resp: 1047932

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

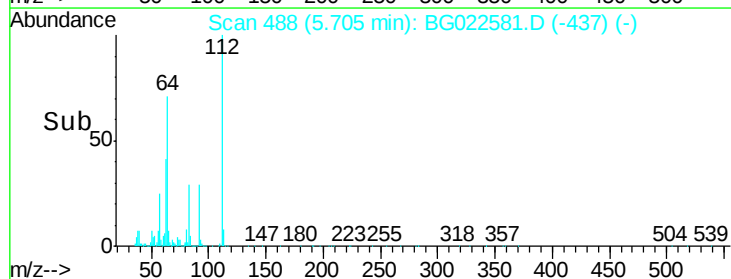
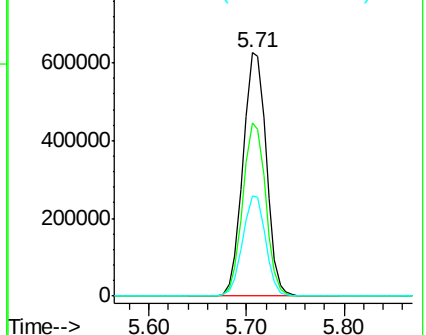
63 41.3 37.8 56.8



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: 126.18 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

Instrument :

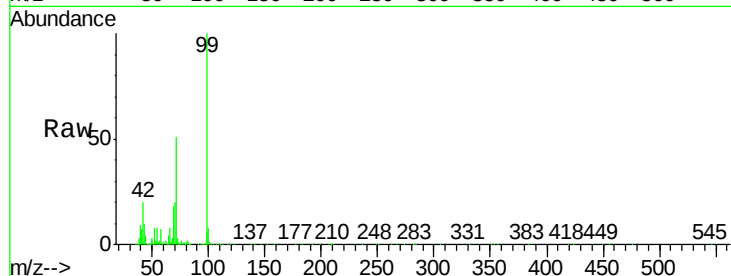
BNA_G

ClientSampleId :

PB91573BL

Tgt Ion: 99 Resp: 1527290

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	51.1	41.5	62.3

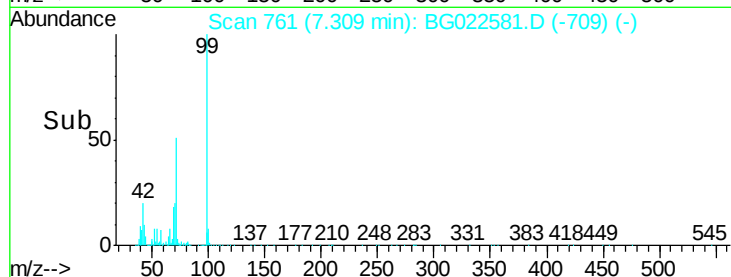
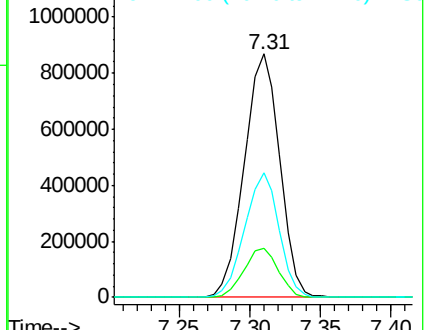


Abundance

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: BG022581.D

Acq: 25 Jun 2016 19:26

Tgt Ion: 136 Resp: 564949

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	8.5	7.3	10.9
68	6.6	5.3	7.9

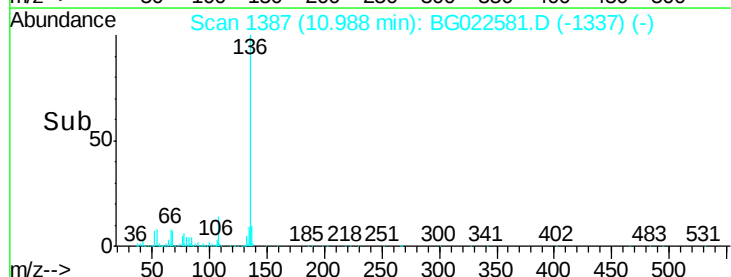
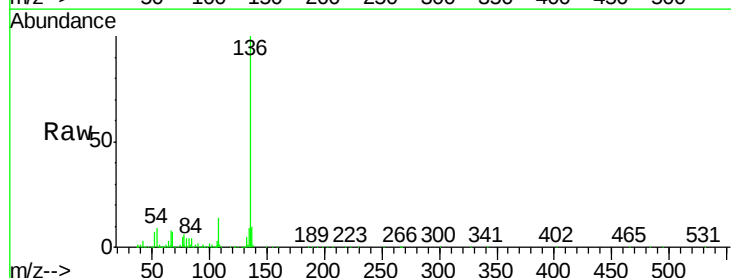
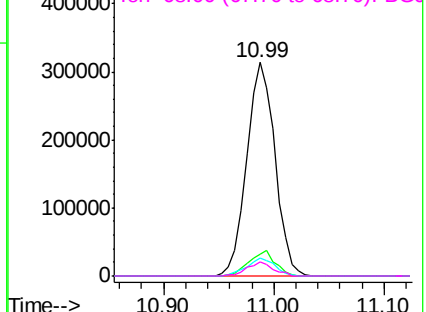
Abundance

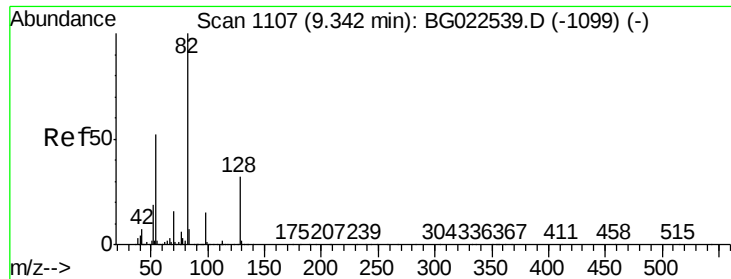
Ion 136.00 (135.70 to 136.70): BGC

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

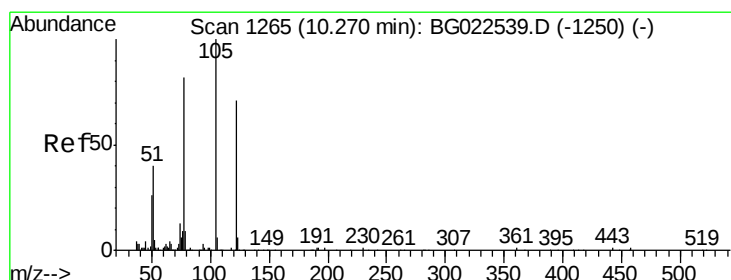
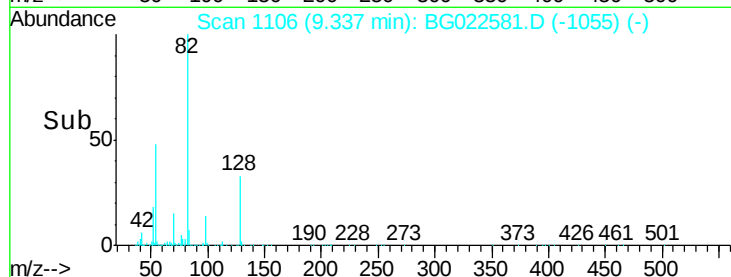
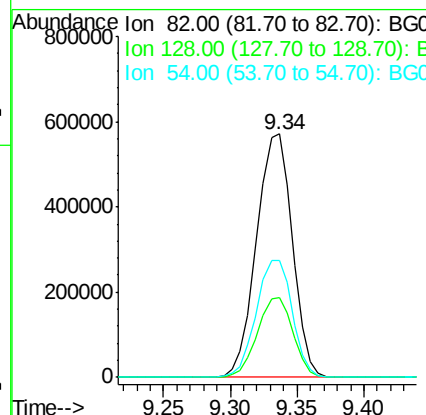
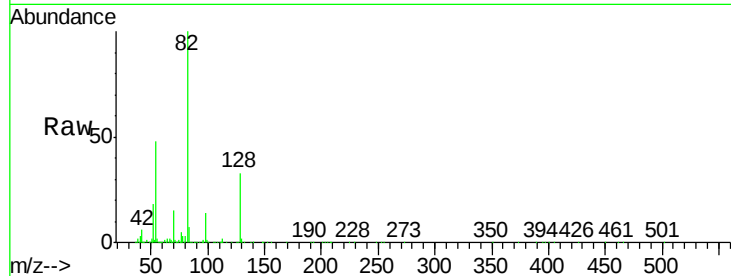




#23
Nitrobenzene-d5
Concen: 79.52 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022581.D
Acq: 25 Jun 2016 19:26

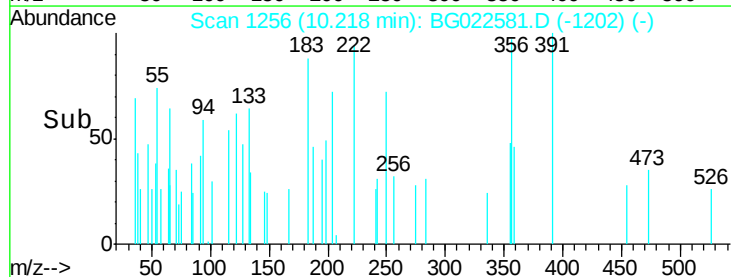
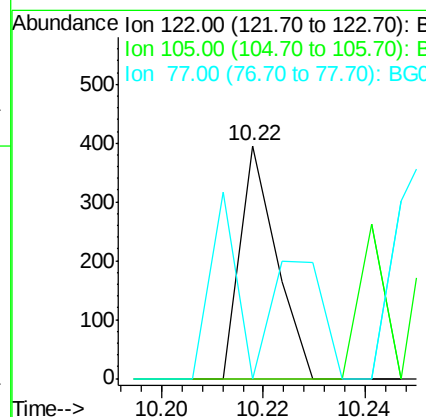
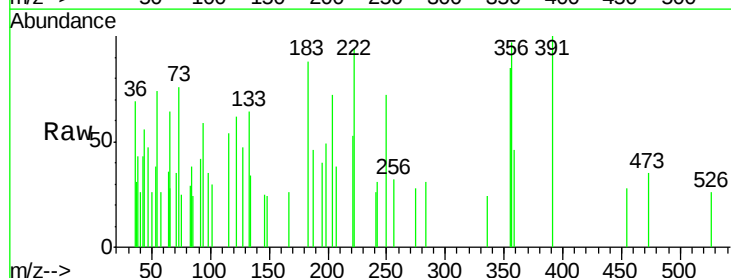
Instrument :
BNA_G
ClientSampleId :
PB91573BL

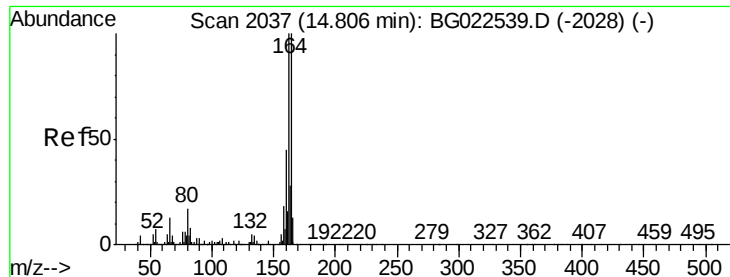
Tgt Ion: 82 Resp: 1061419
Ion Ratio Lower Upper
82 100
128 32.9 24.4 36.6
54 48.1 41.4 62.0



#32
Benzoic acid
Concen: 5.14 ng
RT: 10.22 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BG022581.D
Acq: 25 Jun 2016 19:26

Tgt Ion: 122 Resp: 197
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: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

Instrument :

BNA_G

ClientSampleId :

PB91573BL

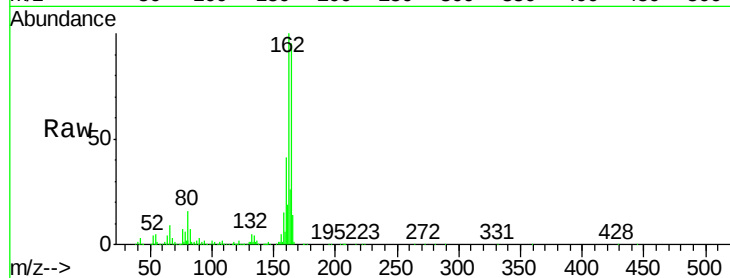
Tgt Ion:164 Resp: 405423

Ion Ratio Lower Upper

164 100

162 105.0 87.7 131.5

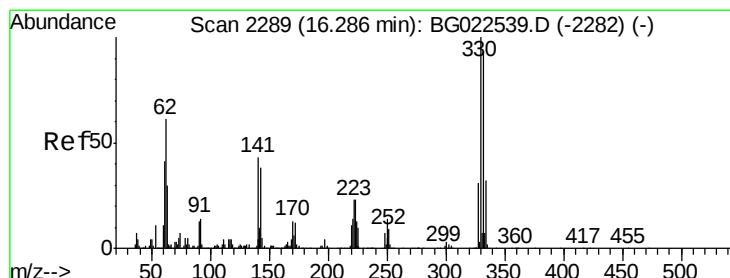
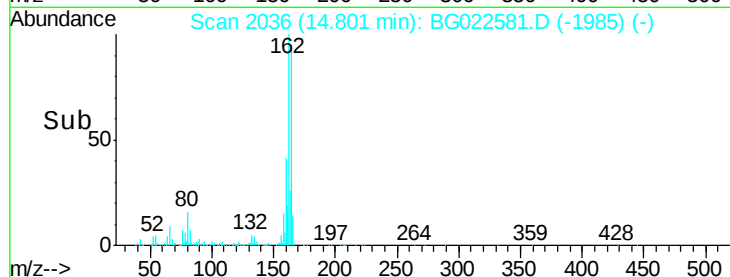
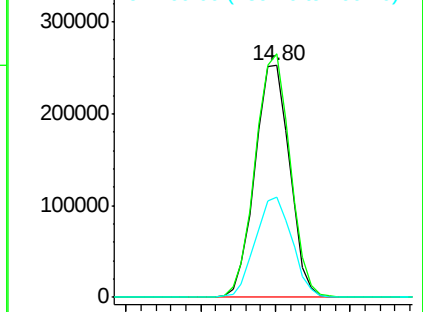
160 43.1 37.2 55.8



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: 128.02 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

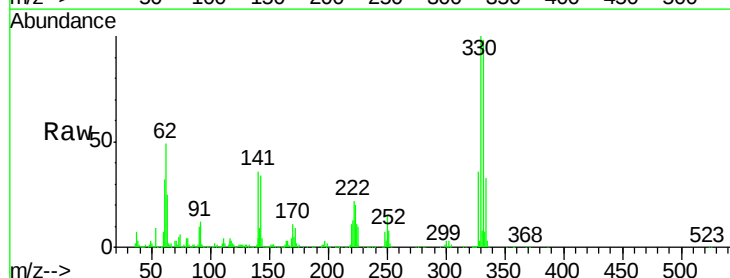
Tgt Ion:330 Resp: 816344

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

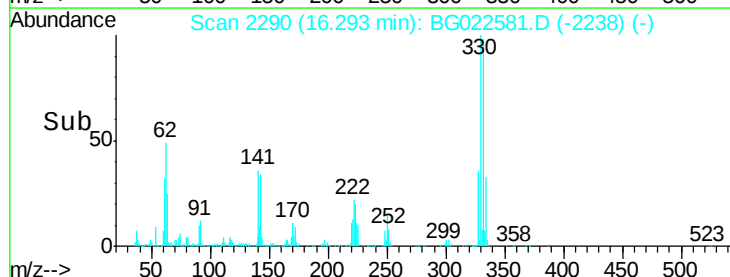
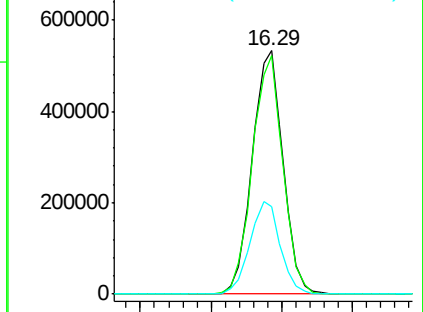
141 37.7 31.7 47.5

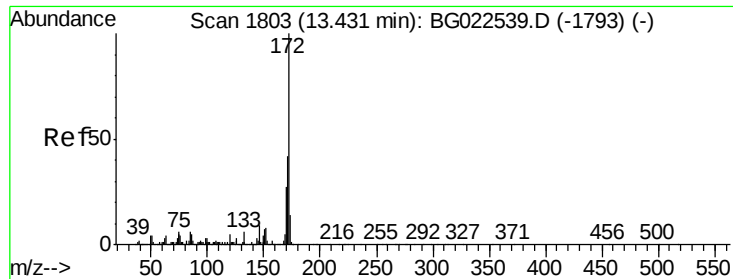


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.22 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

Instrument :

BNA_G

ClientSampleId :

PB91573BL

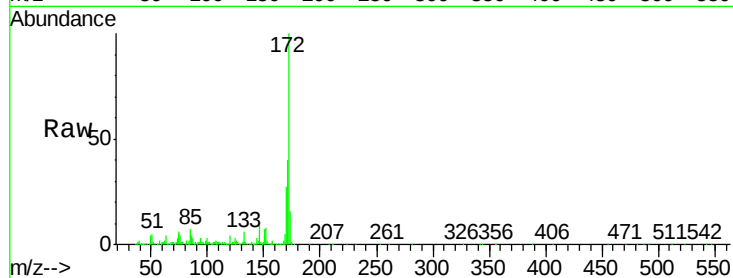
Tgt Ion:172 Resp: 2025344

Ion Ratio Lower Upper

172 100

171 40.0 31.6 47.4

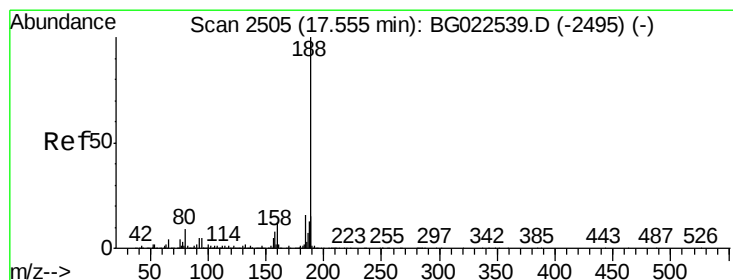
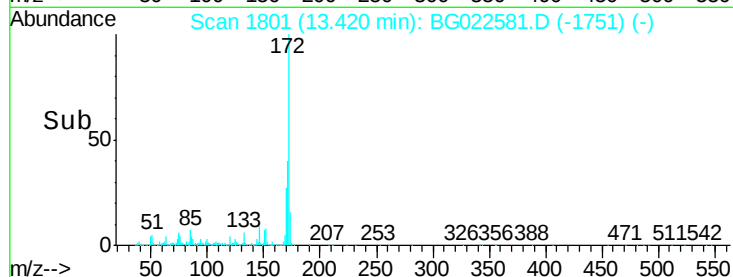
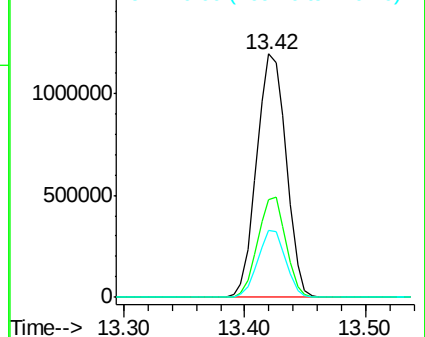
170 27.3 21.3 31.9



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: BG022581.D

Acq: 25 Jun 2016 19:26

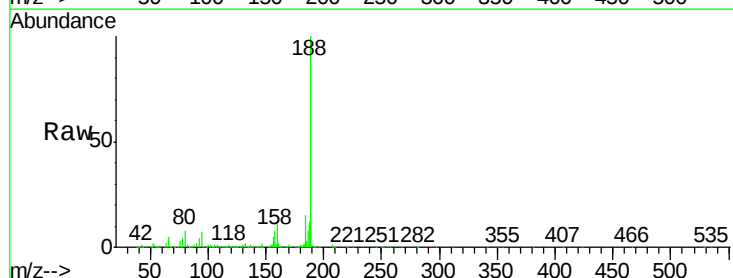
Tgt Ion:188 Resp: 1099088

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

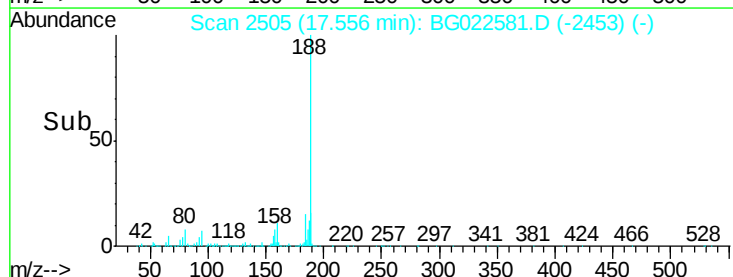
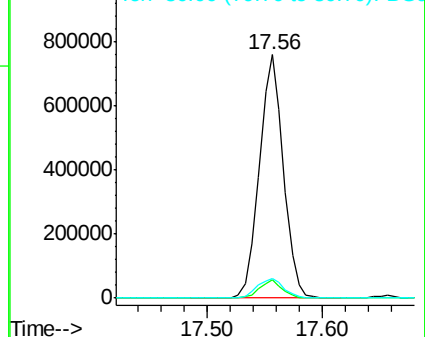
80 7.8 7.2 10.8

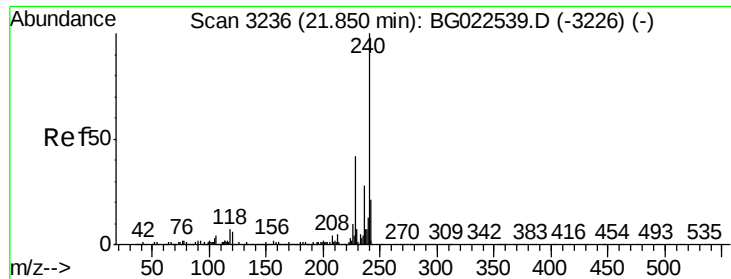


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

Instrument :

BNA_G

ClientSampleId :

PB91573BL

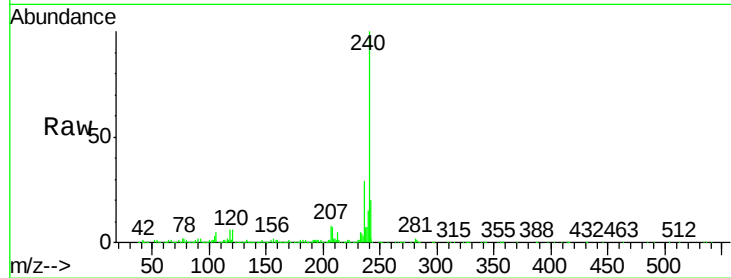
Tgt Ion:240 Resp: 1292274

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

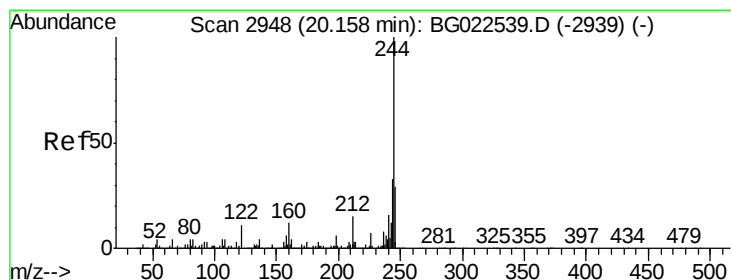
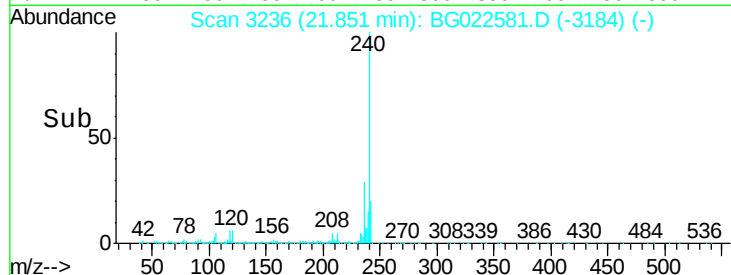
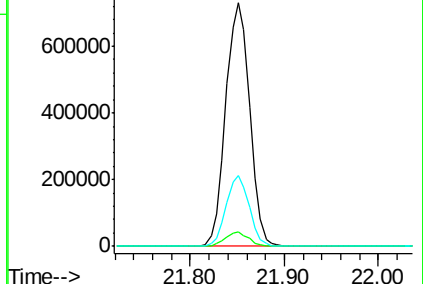
236 28.9 21.1 31.7



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: 65.82 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022581.D

Acq: 25 Jun 2016 19:26

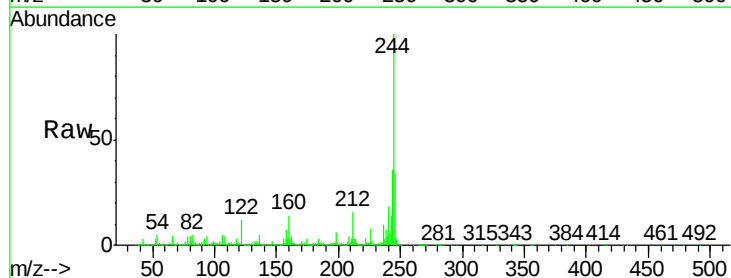
Tgt Ion:244 Resp: 3210648

Ion Ratio Lower Upper

244 100

212 16.2 10.8 16.2

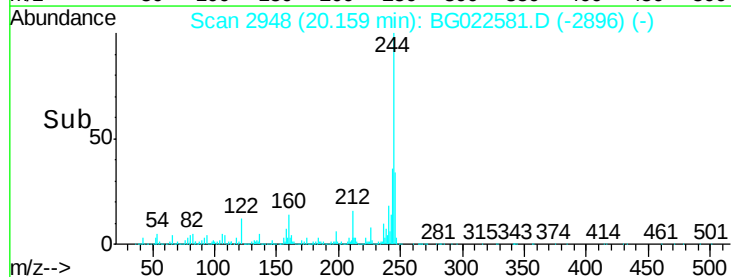
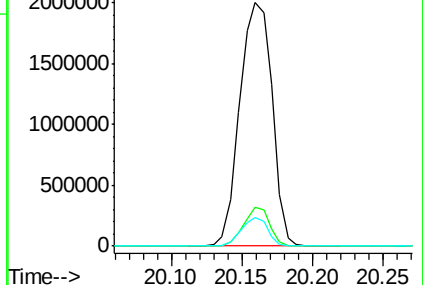
122 11.9 8.0 12.0

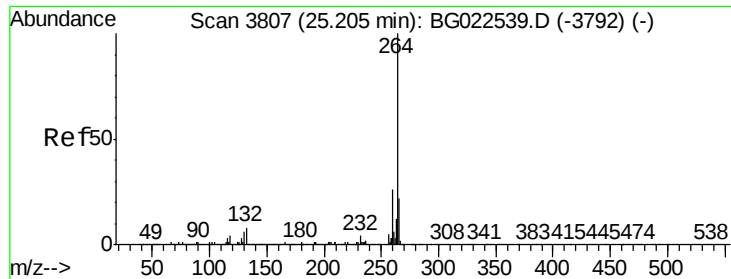


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022581.D
Acq: 25 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :
PB91573BL

Tgt Ion: 264 Resp: 1282963

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.6	18.9	28.3

