

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022251.D
 Acq On : 9 Jun 2016 2:46
 Operator : UM/SJ
 Sample : H3381-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-53

Quant Time: Jun 09 06:37:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

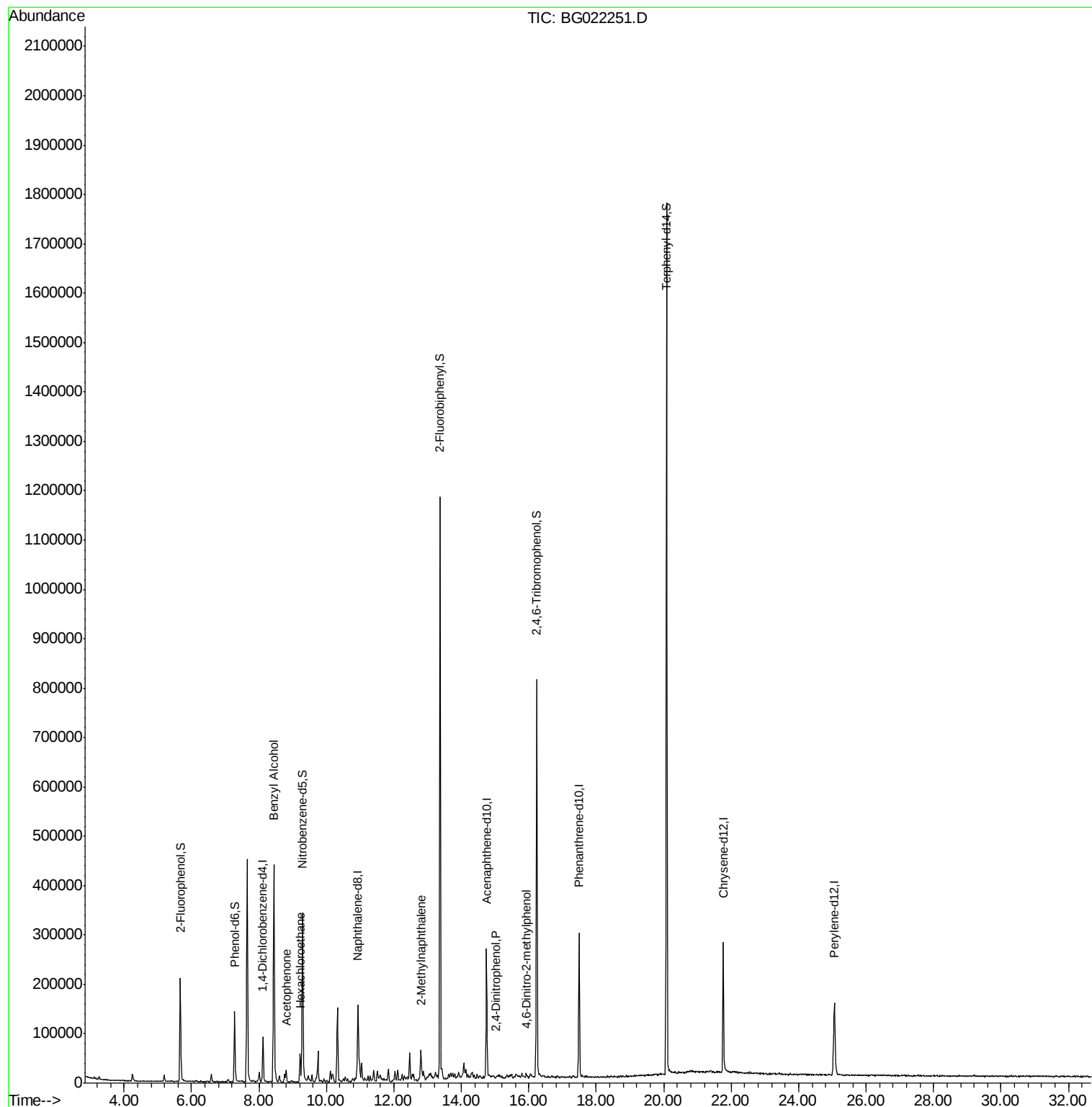
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33775	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	168414	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	99420	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	205417	20.00	ng	0.00
75) Chrysene-d12	21.76	240	181393	20.00	ng	0.00
86) Perylene-d12	25.06	264	172507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	142029	81.30	ng	0.00
7) Phenol-d6	7.28	99	128452	46.77	ng	0.00
23) Nitrobenzene-d5	9.29	82	256535	106.20	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	174039	154.92	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	707265	108.41	ng	0.00
78) Terphenyl-d14	20.08	244	830978	108.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.44	79	3915	2.21	ng	# 47
18) Hexachloroethane	9.23	117	16783	17.82	ng	# 43
22) Acetophenone	8.80	105	10267	2.83	ng	# 63
37) 2-Methylnaphthalene	12.80	142	32568	5.25	ng	93
53) 2,4-Dinitrophenol	15.02	184	56	10.99	ng	# 15
64) 4,6-Dinitro-2-methylphenol	15.92	198	302	5.73	ng	# 60

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

Instrument :

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W-53

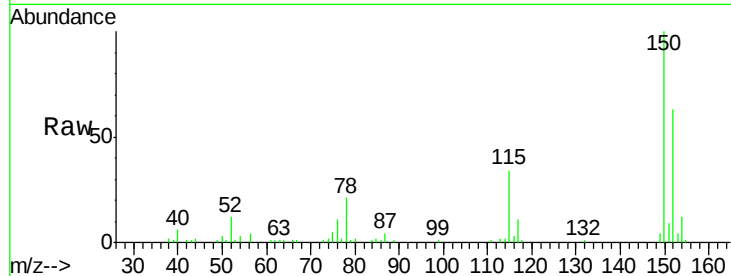
Tgt Ion:152 Resp: 33775

Ion Ratio Lower Upper

152 100

150 158.2 130.1 195.1

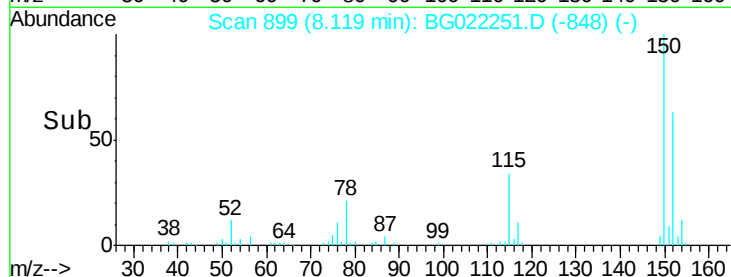
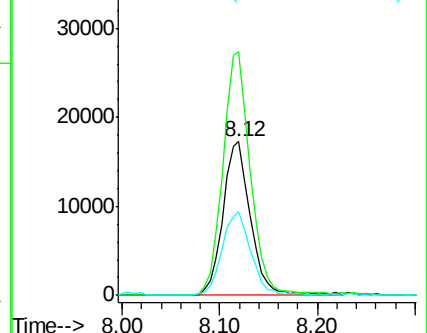
115 54.2 62.2 93.2#



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: 81.30 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

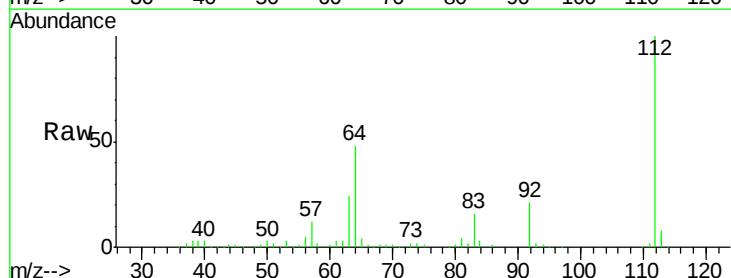
Tgt Ion:112 Resp: 142029

Ion Ratio Lower Upper

112 100

64 48.3 51.1 76.7#

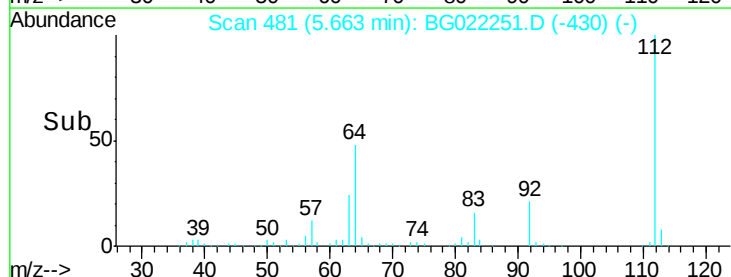
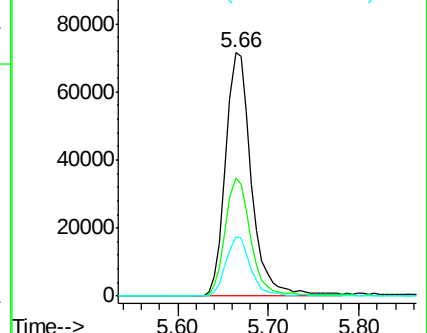
63 24.3 24.6 37.0#



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: 46.77 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

W-53

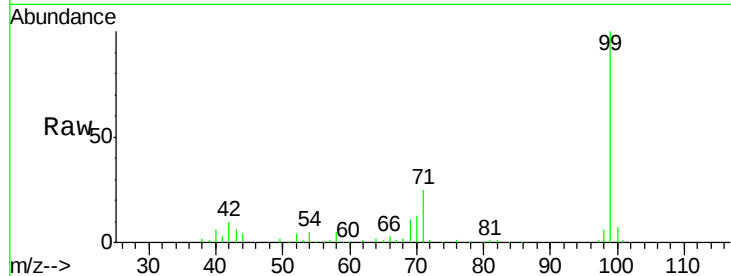
Tgt Ion: 99 Resp: 128452

Ion Ratio Lower Upper

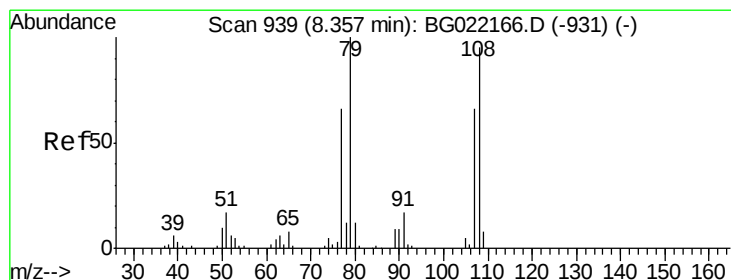
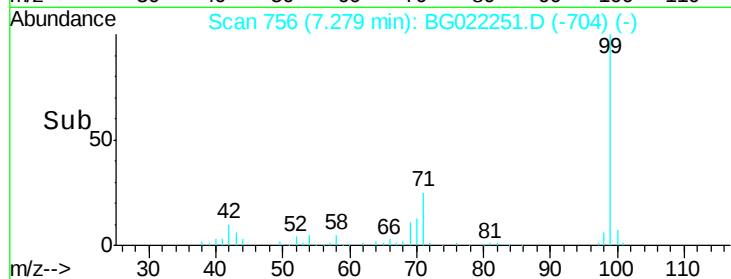
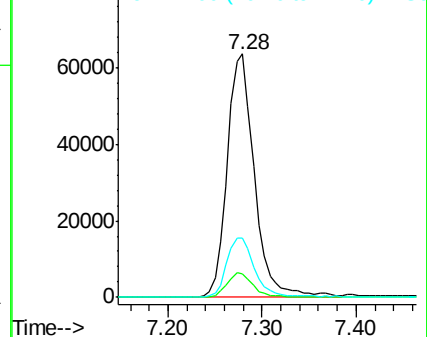
99 100

42 9.8 16.4 24.6#

71 24.6 25.0 37.4#



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.08 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

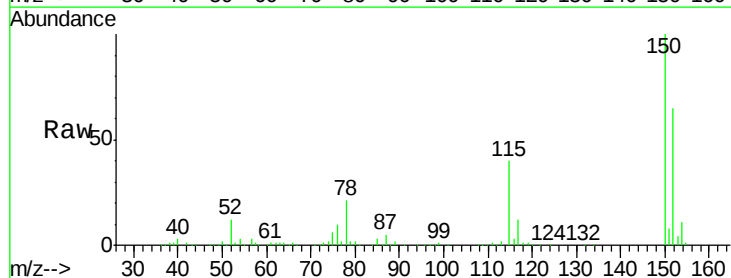
Tgt Ion: 79 Resp: 3915

Ion Ratio Lower Upper

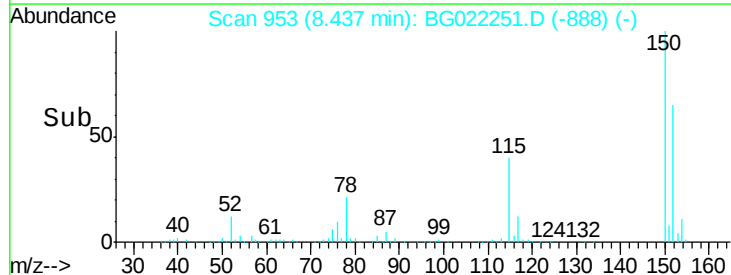
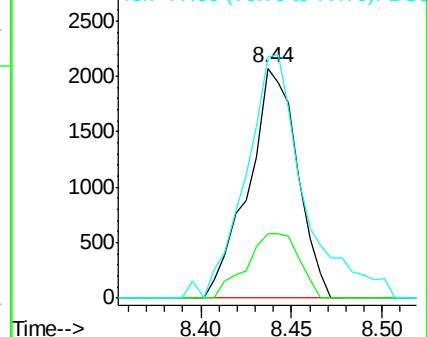
79 100

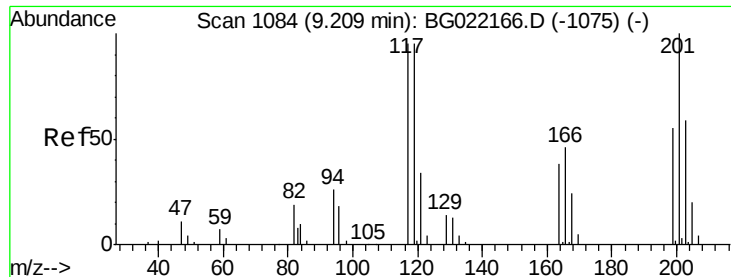
108 28.0 59.4 89.0#

77 105.1 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

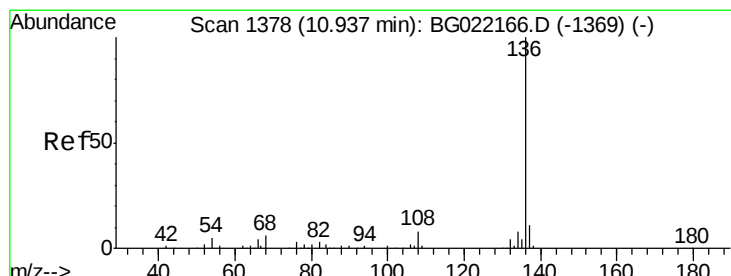
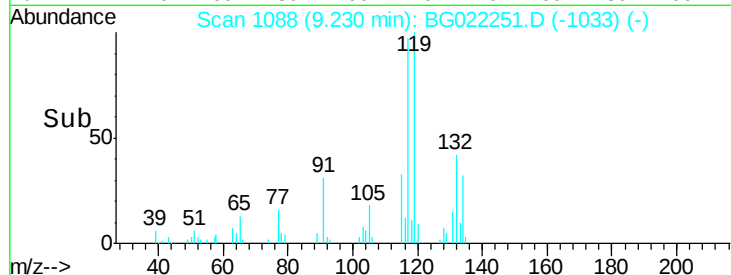
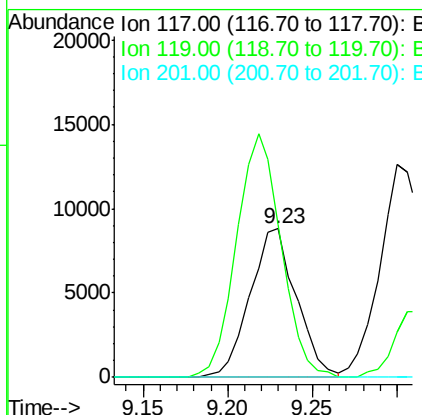
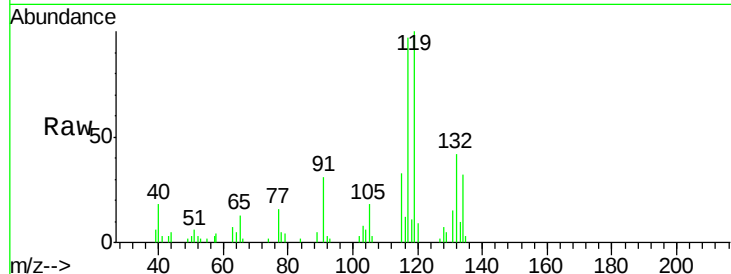




#18
Hexachloroethane
Concen: 17.82 ng
RT: 9.23 min Scan# 1088
Delta R.T. 0.02 min
Lab File: BG022251.D
Acq: 9 Jun 2016 2:46

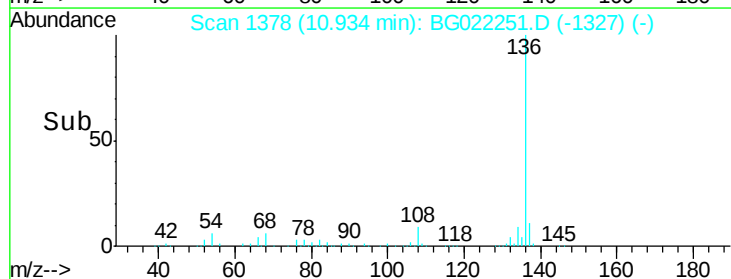
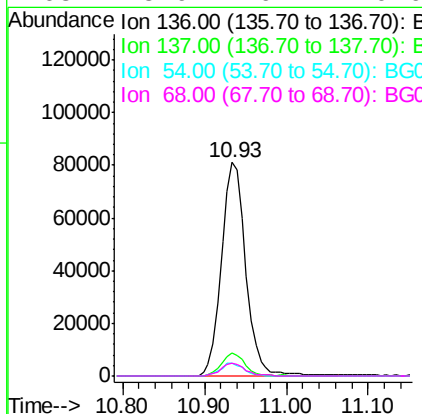
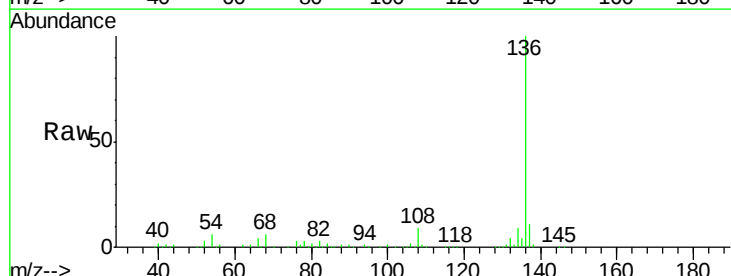
Instrument :
BNA_G
ClientSampleId :
W-53

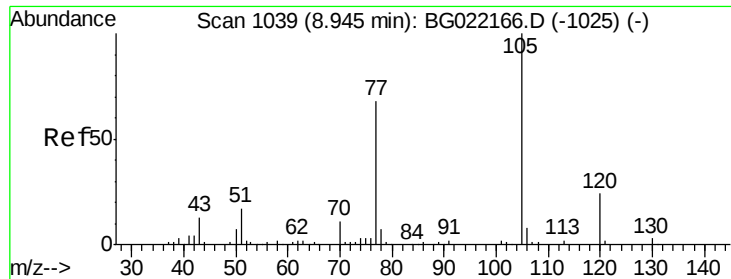
Tgt Ion:117 Resp: 16783
Ion Ratio Lower Upper
117 100
119 102.8 63.9 95.9#
201 0.0 61.2 91.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022251.D
Acq: 9 Jun 2016 2:46

Tgt Ion:136 Resp: 168414
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.8 9.6 14.4#
68 5.9 6.4 9.6#

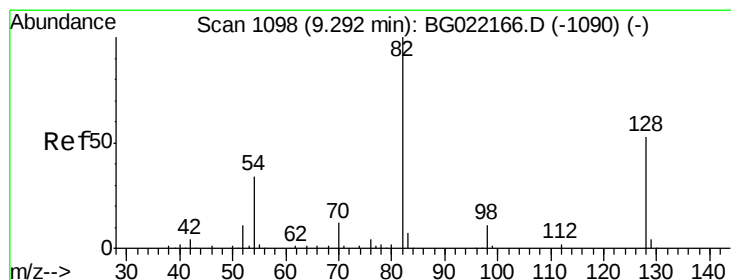
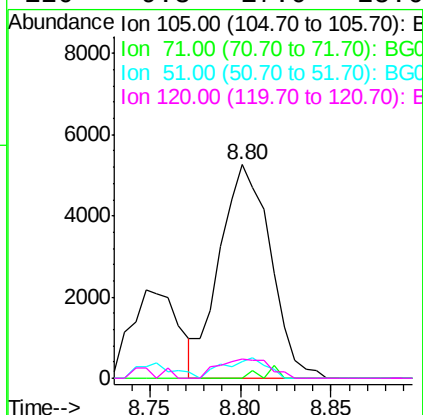
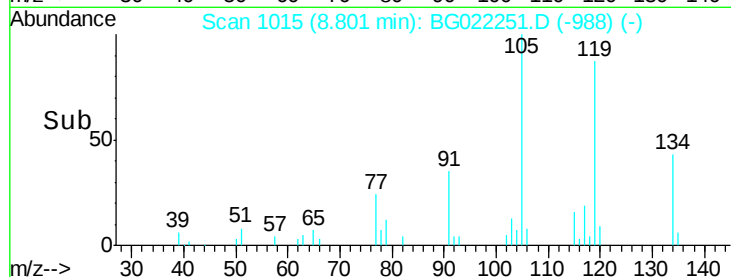
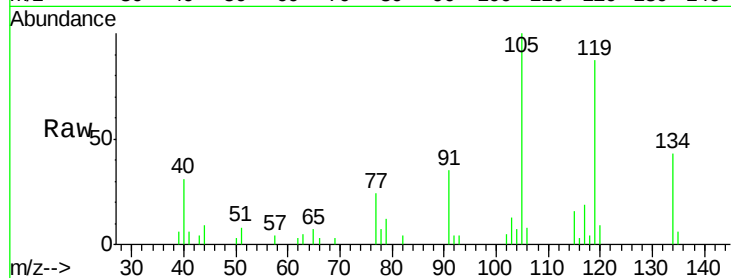




#22
Acetophenone
Concen: 2.83 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.14 min
Lab File: BG022251.D
Acq: 9 Jun 2016 2:46

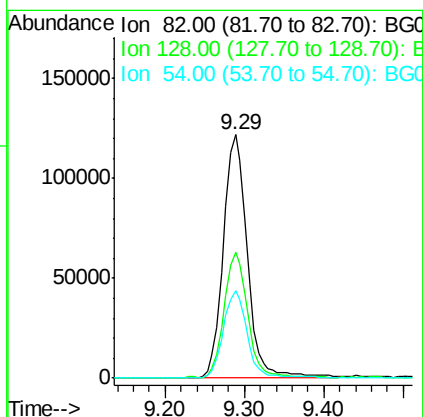
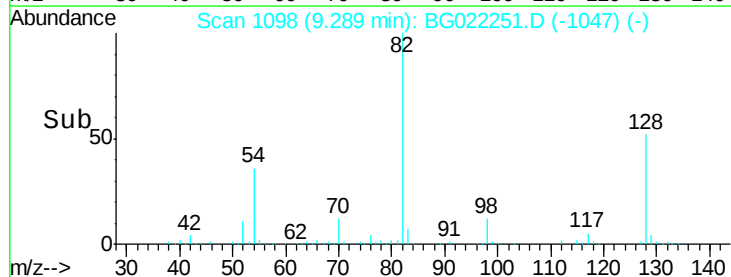
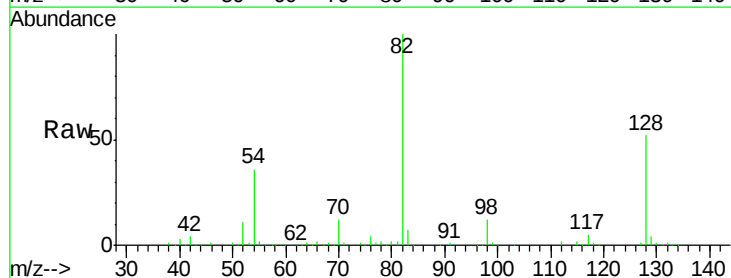
Instrument :
BNA_G
ClientSampleId :
W-53

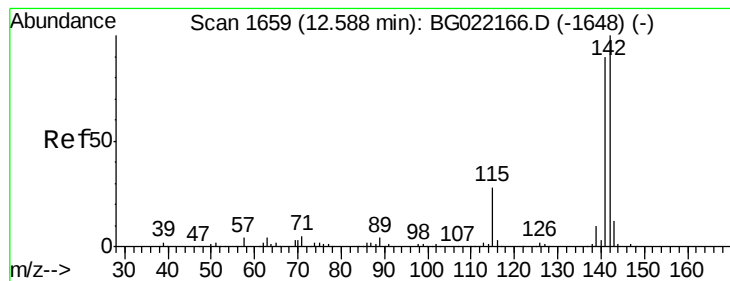
Tgt Ion: 105 Resp: 10267
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 7.5 25.7 38.5#
120 9.3 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 106.20 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022251.D
Acq: 9 Jun 2016 2:46

Tgt Ion: 82 Resp: 256535
Ion Ratio Lower Upper
82 100
128 51.7 33.4 50.0#
54 36.1 46.1 69.1#





#37

2-Methylnaphthalene

Concen: 5.25 ng

RT: 12.80 min Scan# 1696

Delta R.T. 0.21 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

W-53

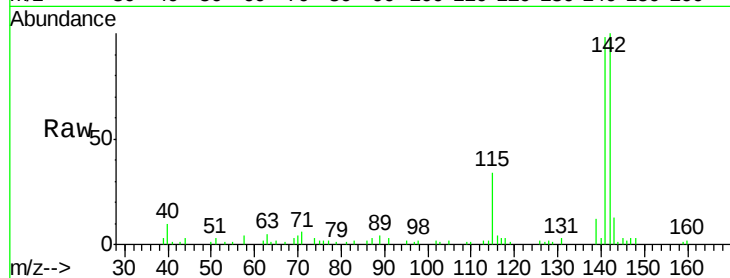
Tgt Ion:142 Resp: 32568

Ion Ratio Lower Upper

142 100

141 97.5 71.4 107.0

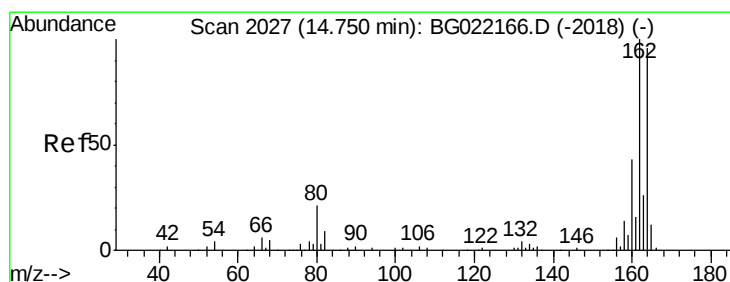
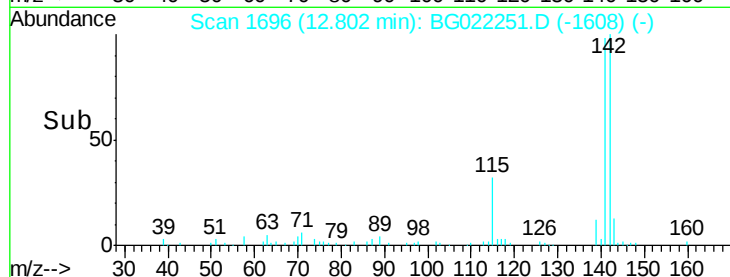
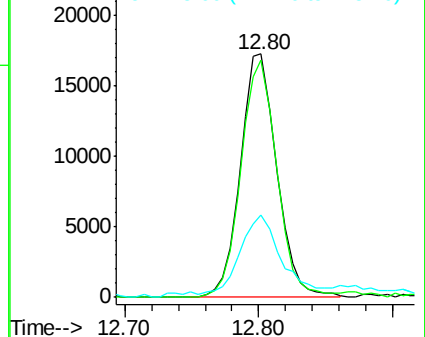
115 34.0 27.4 41.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

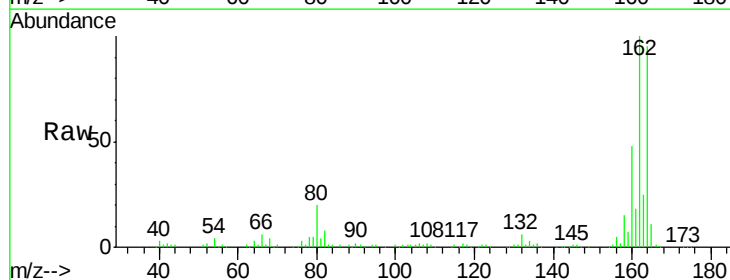
Tgt Ion:164 Resp: 99420

Ion Ratio Lower Upper

164 100

162 105.2 78.0 117.0

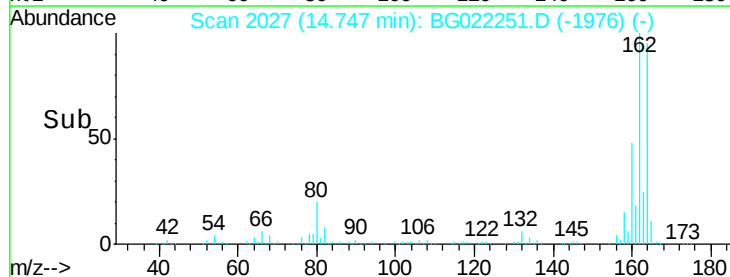
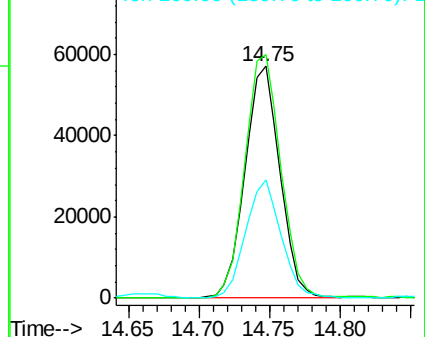
160 50.9 32.9 49.3#

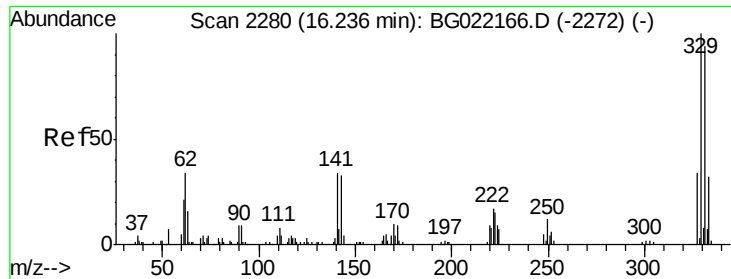


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

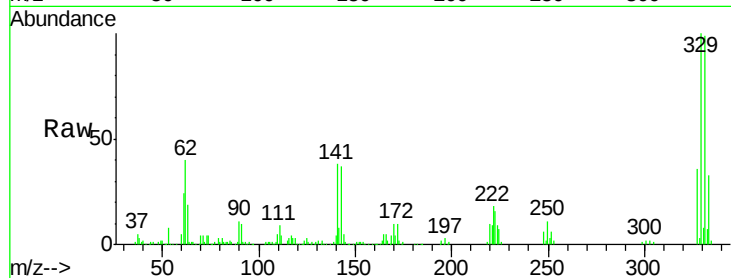




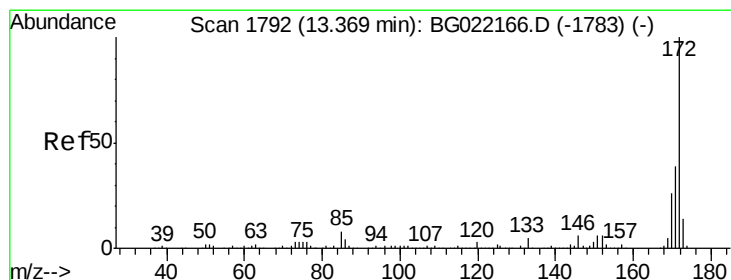
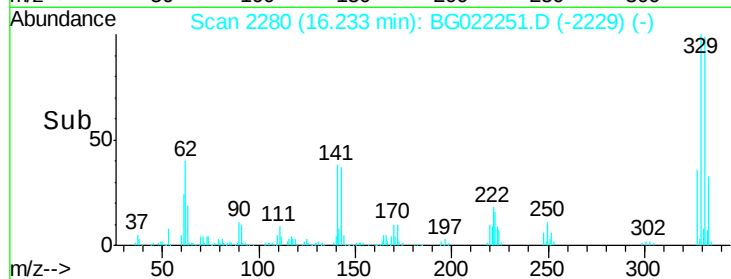
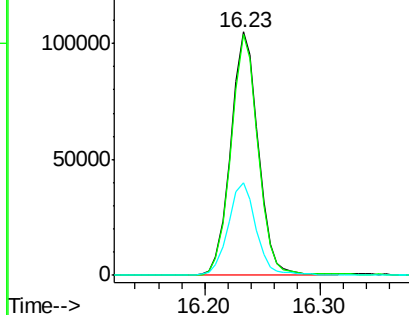
#41
 2,4,6-Tribromophenol
 Concen: 154.92 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

Instrument :
 BNA_G
 ClientSampleId :
 W-53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	38.6	33.8	50.8

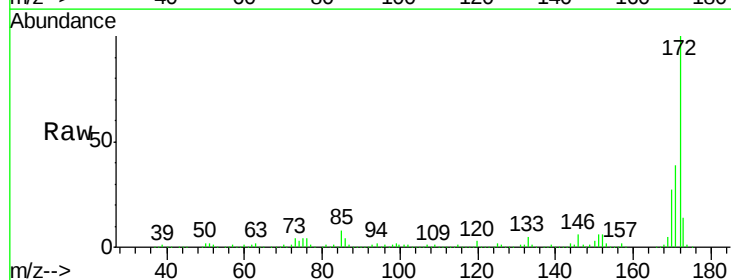


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

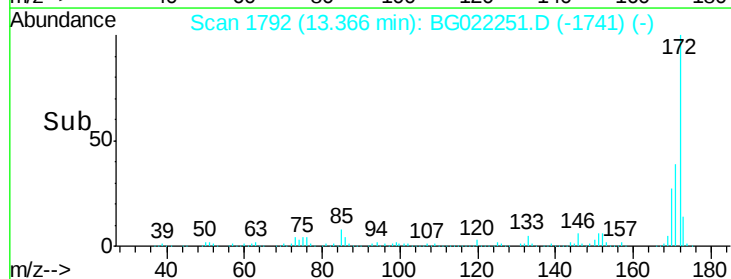
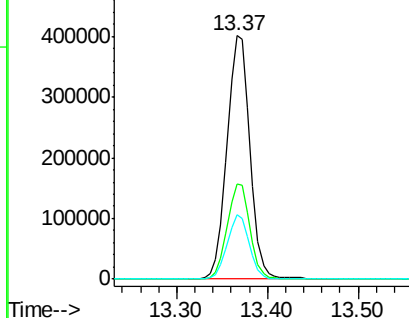


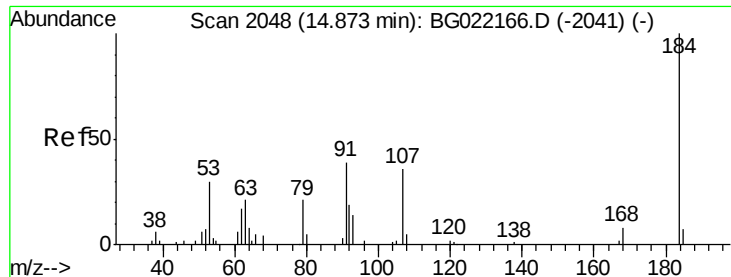
#44
 2-Fluorobiphenyl
 Concen: 108.41 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	26.5	19.6	29.4



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

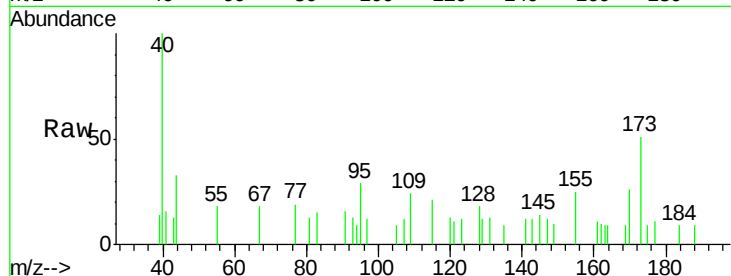




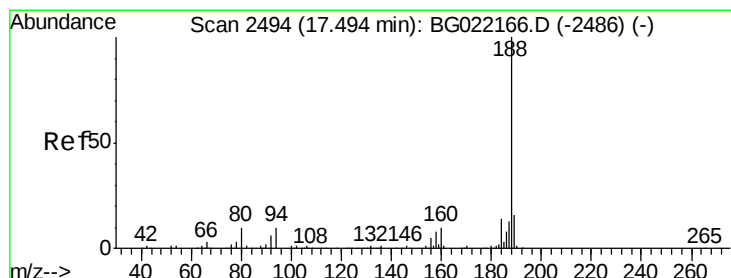
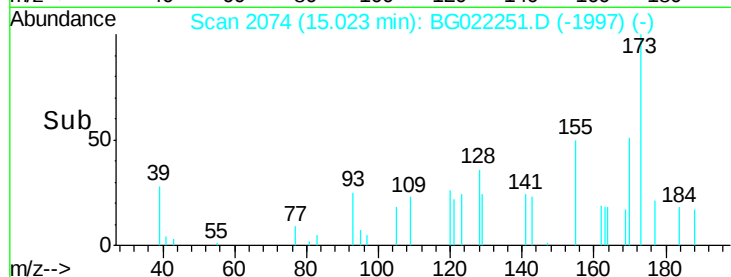
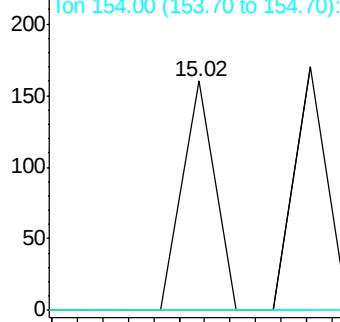
#53
 2,4-Dinitrophenol
 Concen: 10.99 ng
 RT: 15.02 min Scan# 2074
 Delta R.T. 0.15 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

Instrument :
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 ClientSampleId :
 W-53

Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 57.3 85.9#
 154 0.0 55.2 82.8#

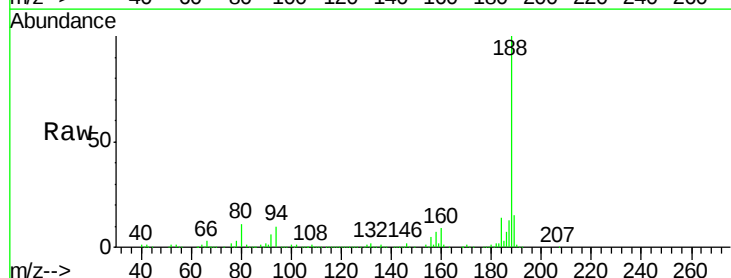


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

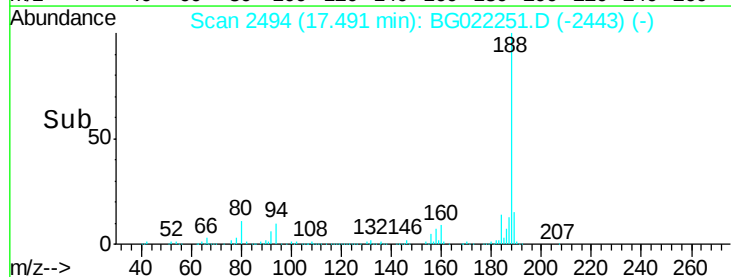
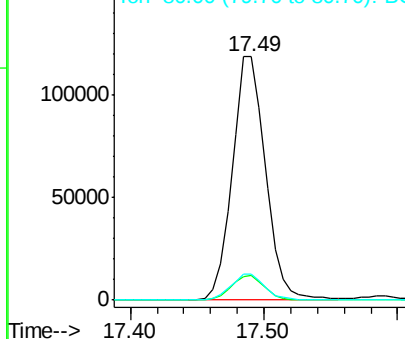


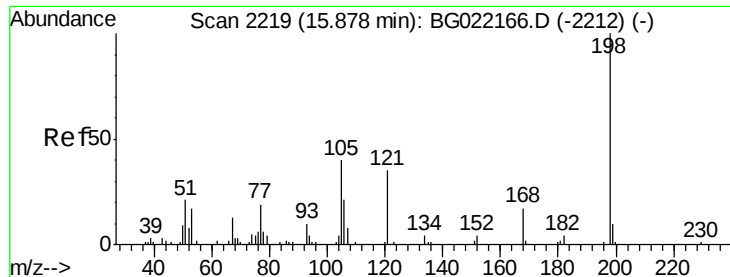
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

Tgt Ion:188 Resp: 205417
 Ion Ratio Lower Upper
 188 100
 94 10.4 7.5 11.3
 80 10.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

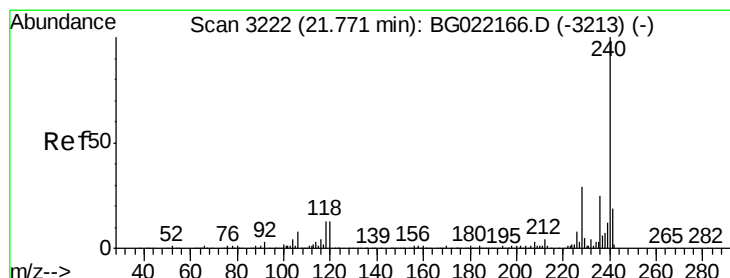
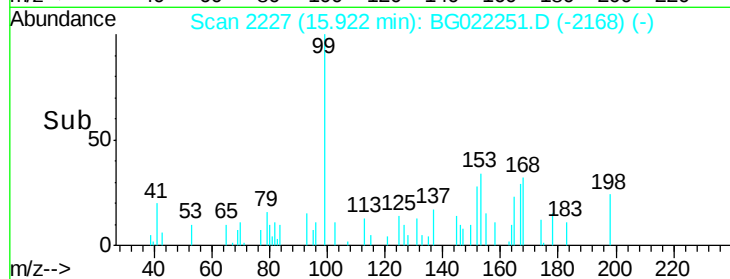
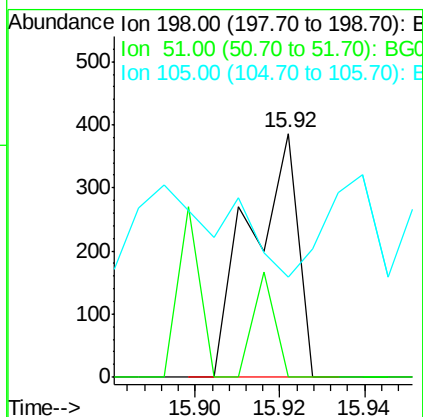
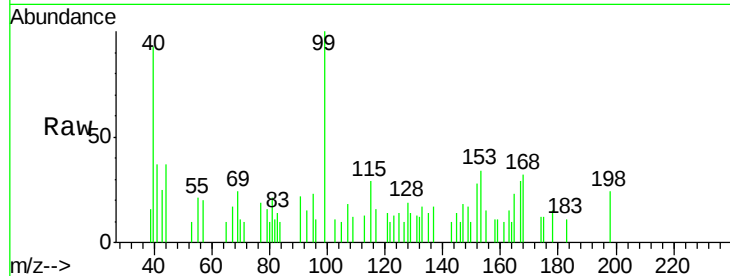




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.73 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. 0.04 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

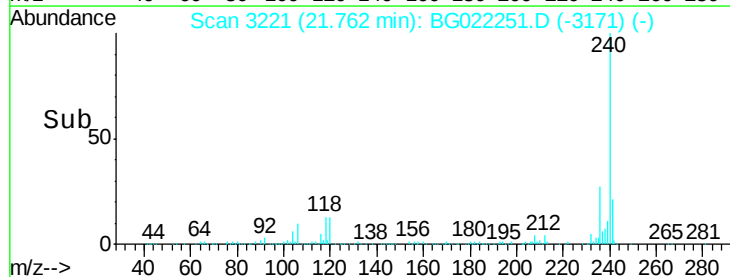
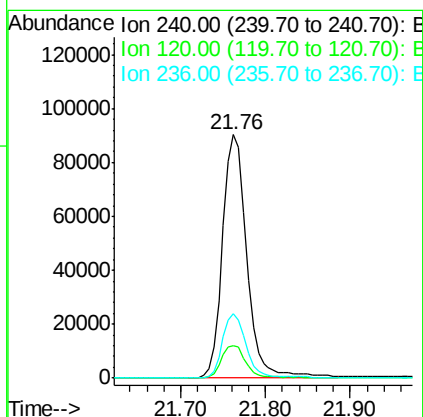
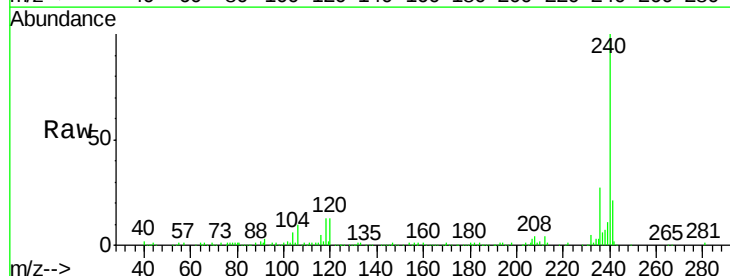
Instrument :
 BNA_G
 ClientSampled :
 W-53

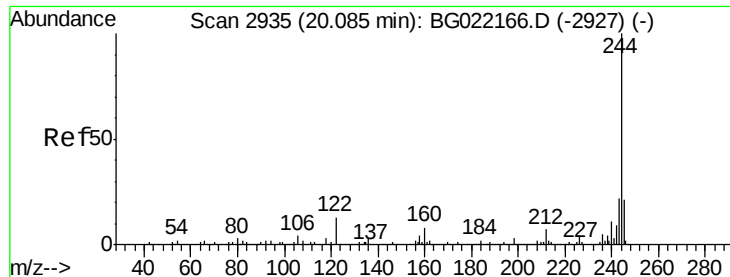
Tgt Ion:198 Resp: 302
 Ion Ratio Lower Upper
 198 100
 51 0.0 29.2 69.2#
 105 41.2 24.0 64.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG022251.D
 Acq: 9 Jun 2016 2:46

Tgt Ion:240 Resp: 181393
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.4 12.6#
 236 26.6 19.6 29.4





#78

Terphenyl-d14

Concen: 108.76 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

W-53

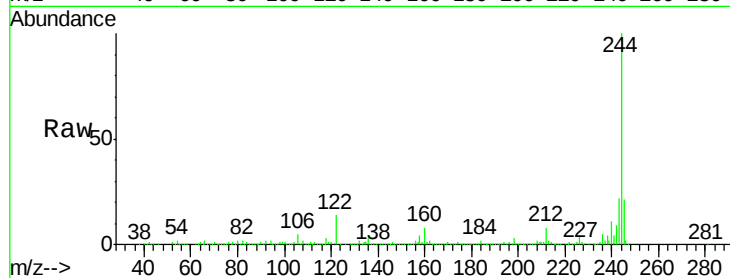
Tgt Ion:244 Resp: 830978

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

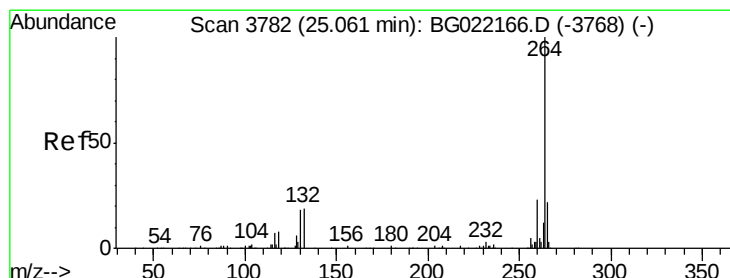
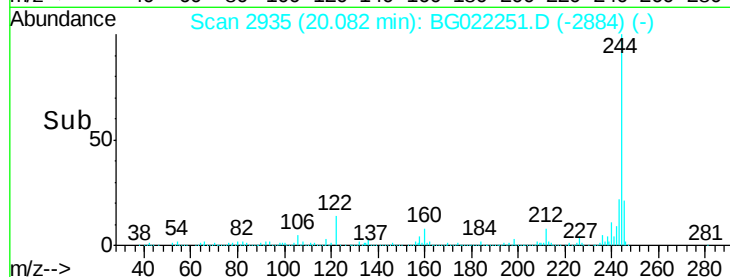
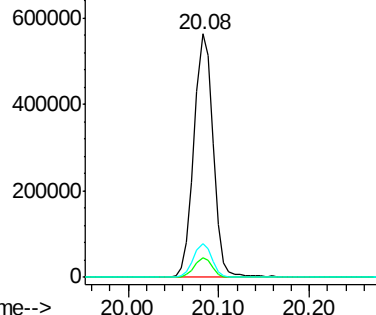
122 13.9 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022251.D

Acq: 9 Jun 2016 2:46

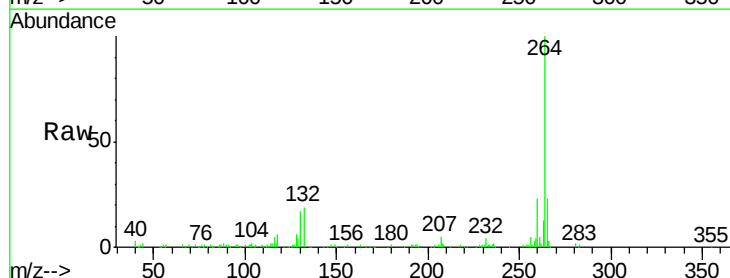
Tgt Ion:264 Resp: 172507

Ion Ratio Lower Upper

264 100

260 22.6 20.2 30.4

265 22.6 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

