

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022253.D
 Acq On : 9 Jun 2016 4:06
 Operator : UM/SJ
 Sample : H3381-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-41

Quant Time: Jun 09 06:38:22 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

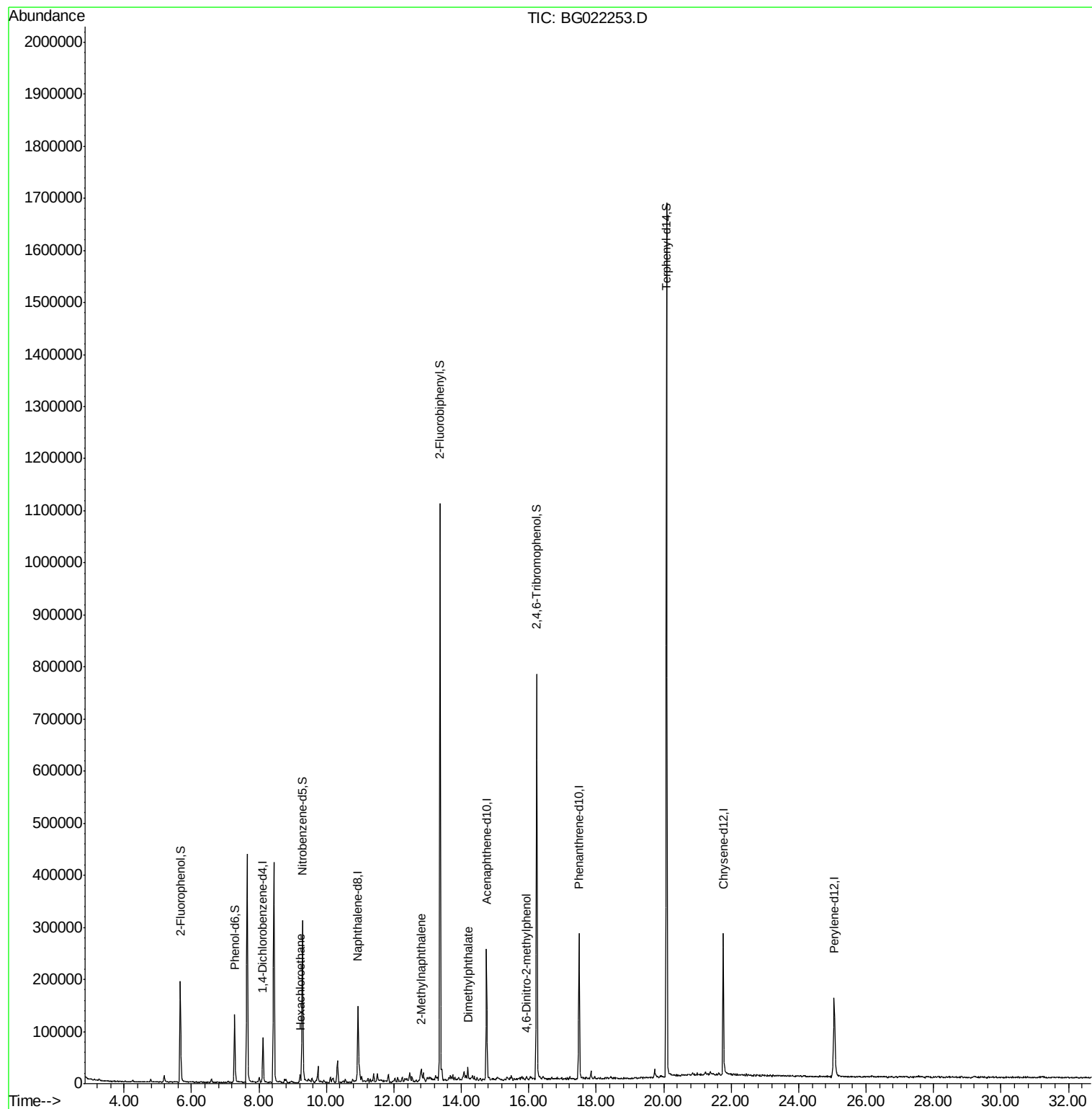
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32618	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	159474	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	94496	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196894	20.00	ng	0.00
75) Chrysene-d12	21.76	240	183528	20.00	ng	0.00
86) Perylene-d12	25.05	264	174073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	131677	78.05	ng	0.00
7) Phenol-d6	7.27	99	119689	45.12	ng	0.00
23) Nitrobenzene-d5	9.29	82	250600	109.56	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	167303	156.69	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	674461	108.77	ng	0.00
78) Terphenyl-d14	20.08	244	804983	104.13	ng	0.00
Target Compounds						
18) Hexachloroethane	9.22	117	3960	4.35	ng	# 20
37) 2-Methylnaphthalene	12.80	142	12232	2.08	ng	98
49) Dimethylphthalate	14.19	163	16409	2.09	ng	# 99
64) 4,6-Dinitro-2-methylphenol	15.92	198	87	5.55	ng	# 4

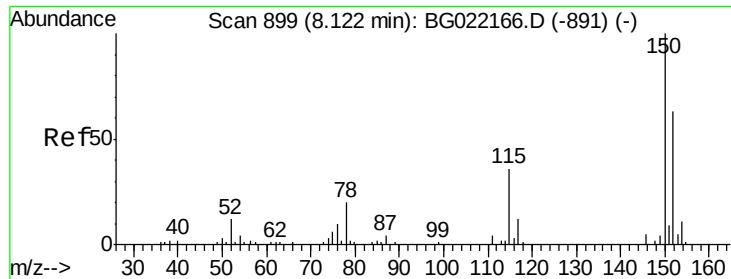
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022253.D

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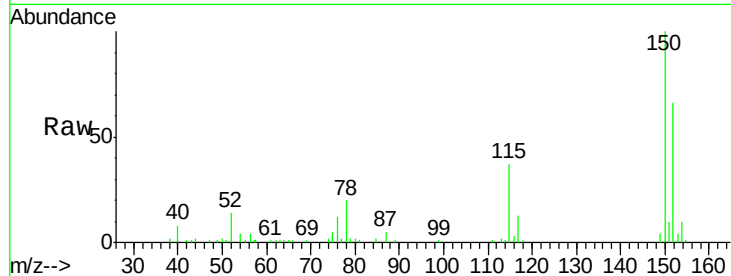
Tgt Ion:152 Resp: 32618

Ion Ratio Lower Upper

152 100

150 152.6 130.1 195.1

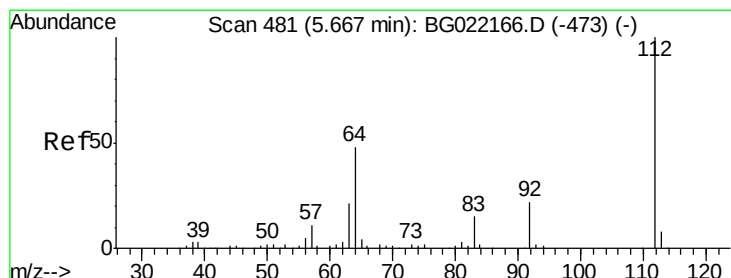
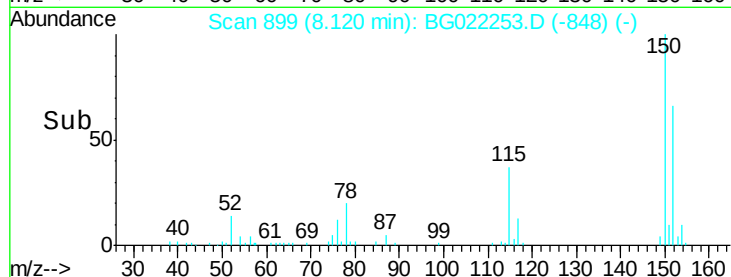
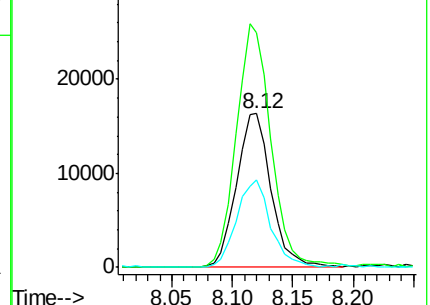
115 56.6 62.2 93.2#



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: 78.05 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

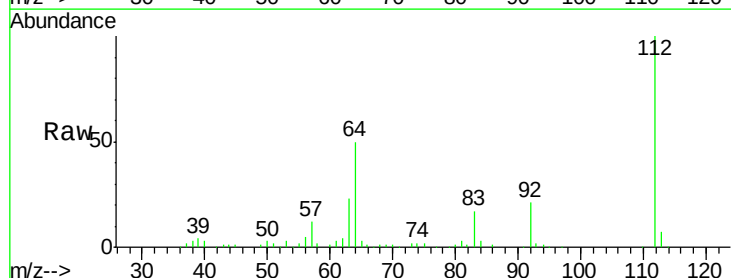
Tgt Ion:112 Resp: 131677

Ion Ratio Lower Upper

112 100

64 49.6 51.1 76.7#

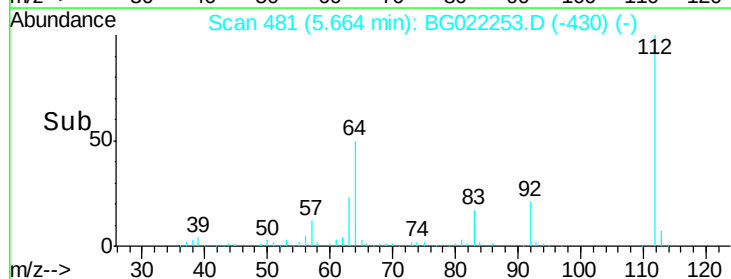
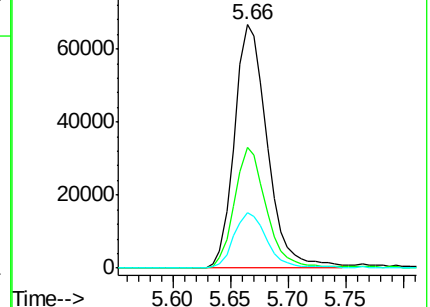
63 22.7 24.6 37.0#

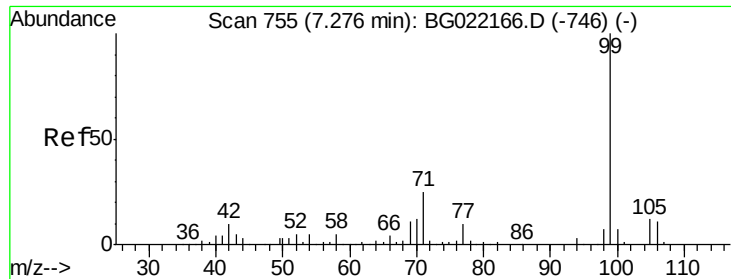


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.12 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampled :

W-41

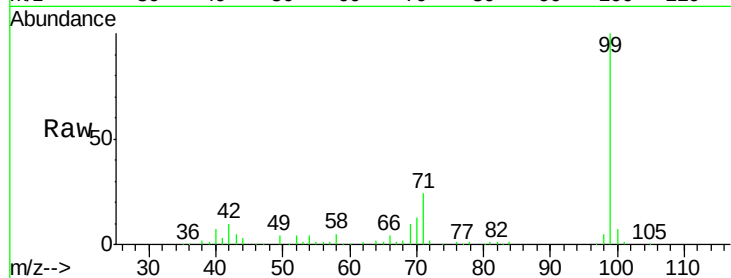
Tgt Ion: 99 Resp: 119689

Ion Ratio Lower Upper

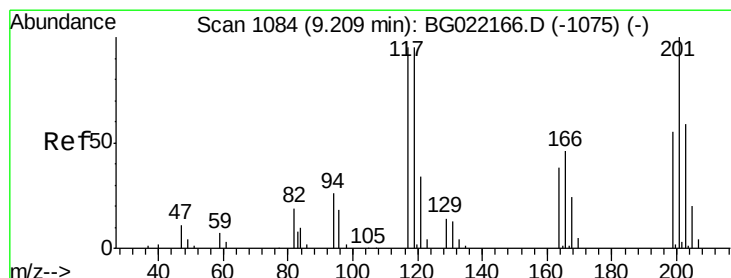
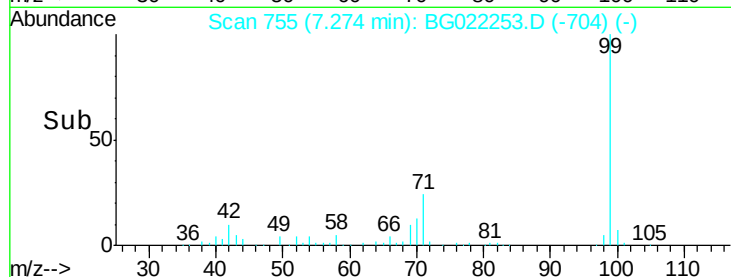
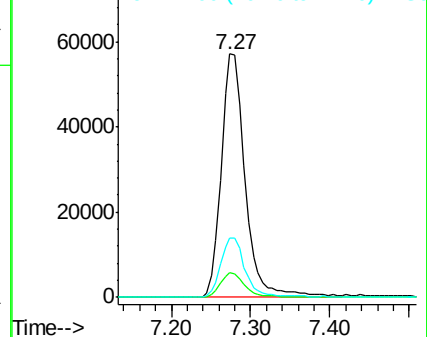
99 100

42 10.2 16.4 24.6#

71 24.5 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



#18

Hexachloroethane

Concen: 4.35 ng

RT: 9.22 min Scan# 1087

Delta R.T. 0.02 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

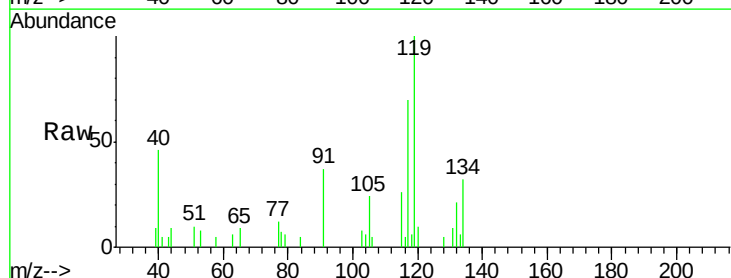
Tgt Ion: 117 Resp: 3960

Ion Ratio Lower Upper

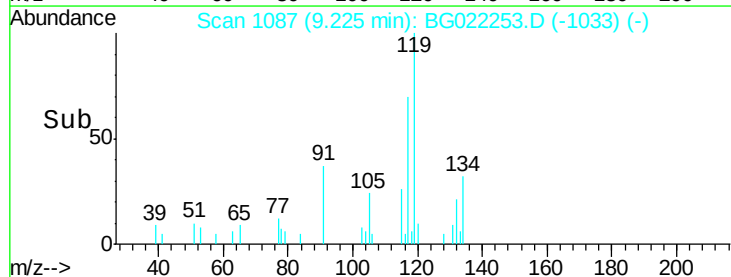
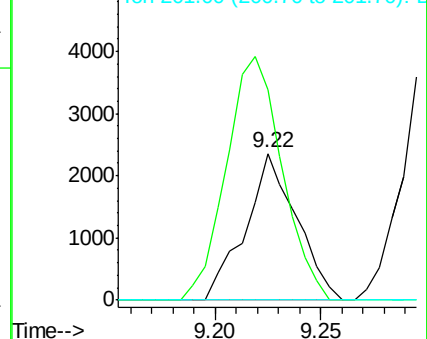
117 100

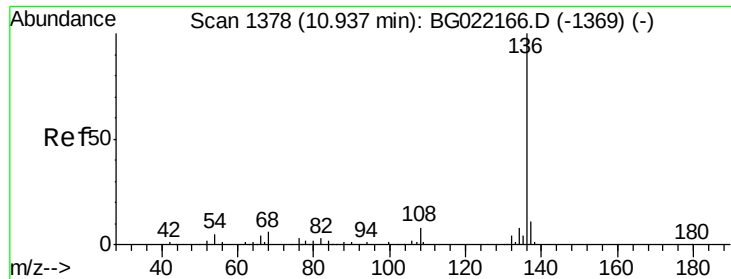
119 143.3 63.9 95.9#

201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

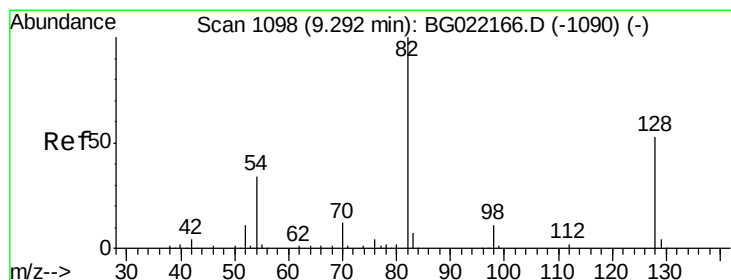
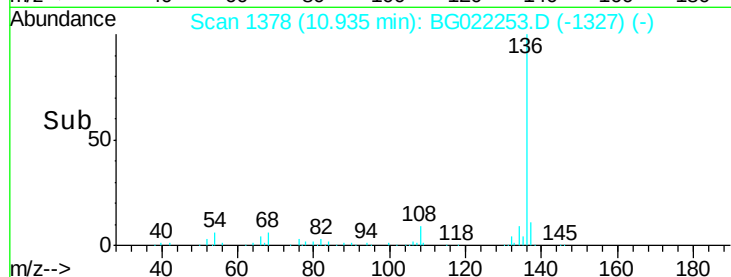
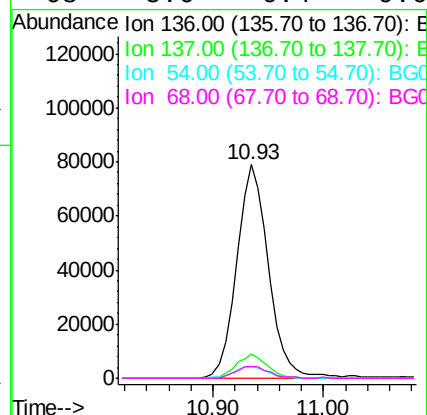
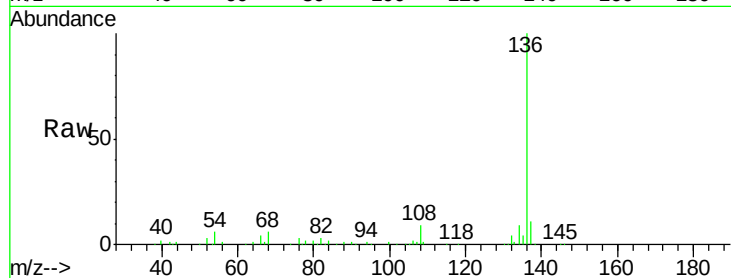




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

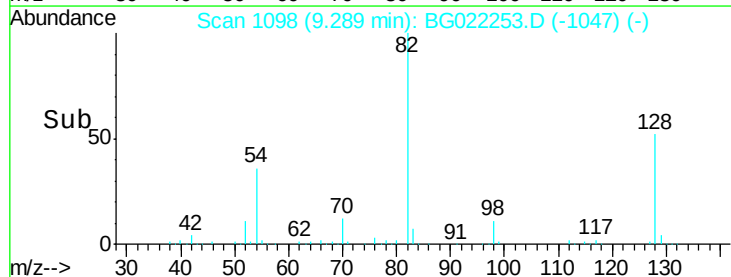
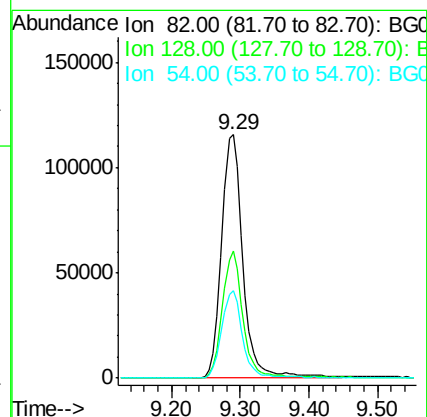
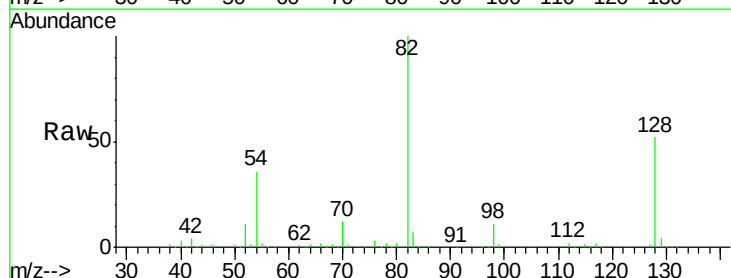
Instrument :
BNA_G
ClientSampleId :
W-41

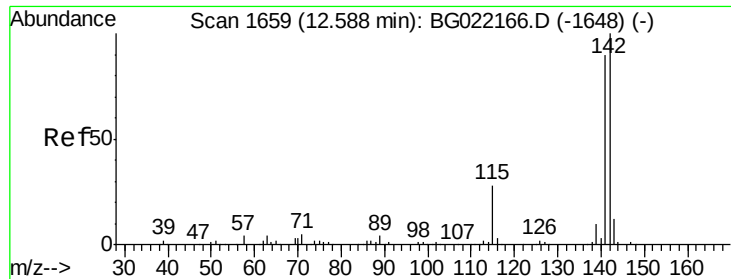
Tgt Ion:	136	Resp:	159474
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	9.6	14.4#
68	5.6	6.4	9.6#



#23
Nitrobenzene-d5
Concen: 109.56 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

Tgt Ion:	82	Resp:	250600
Ion	Ratio	Lower	Upper
82	100		
128	52.4	33.4	50.0#
54	35.7	46.1	69.1#

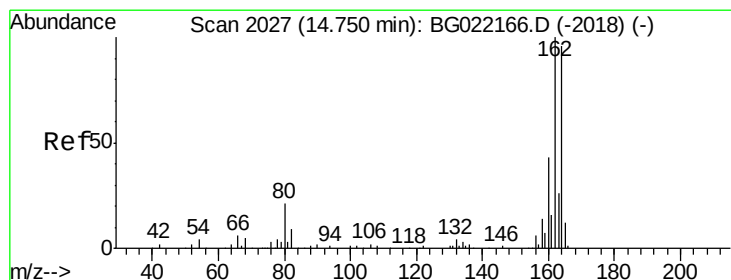
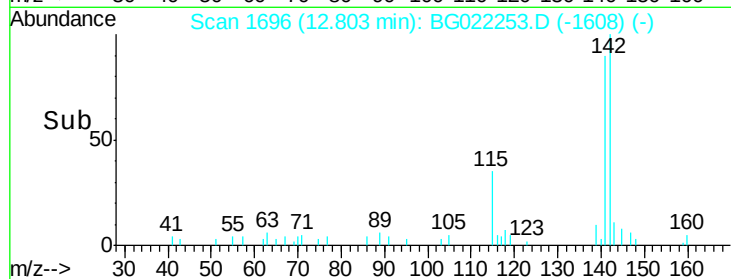
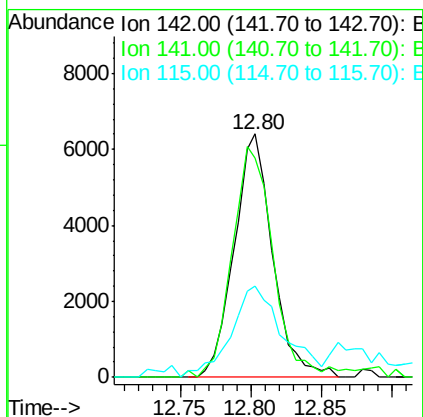
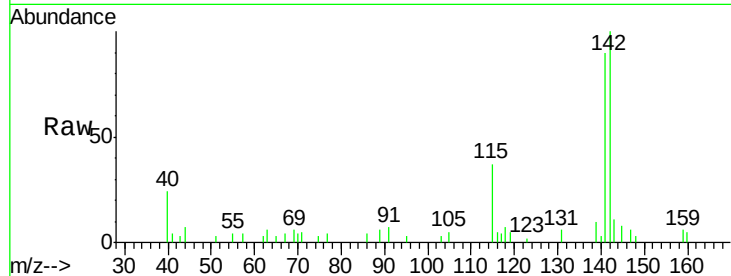




#37
 2-Methylnaphthalene
 Concen: 2.08 ng
 RT: 12.80 min Scan# 1696
 Delta R.T. 0.22 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

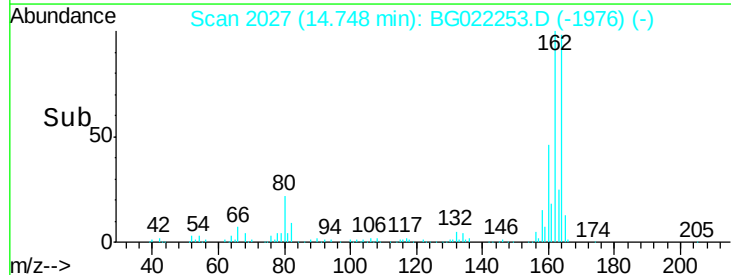
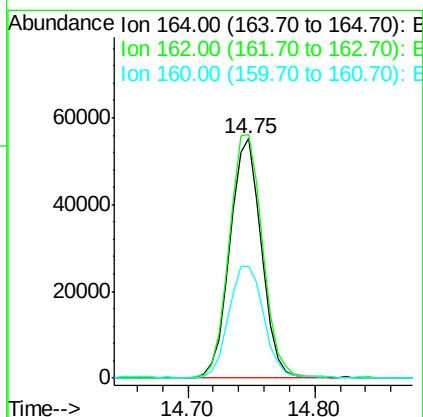
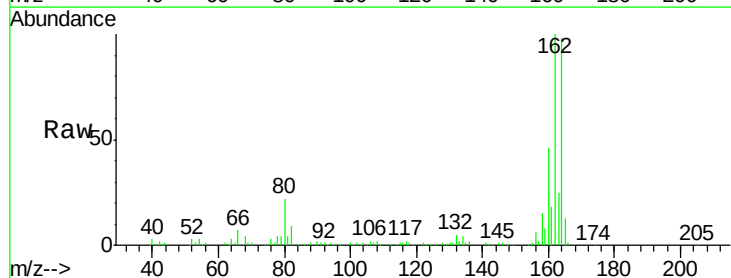
Instrument :
 BNA_G
 ClientSampleId :
 W-41

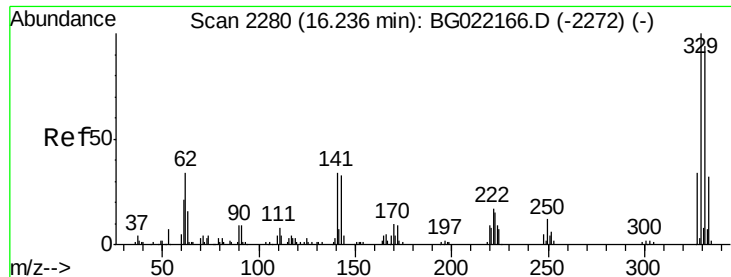
Tgt Ion:142 Resp: 12232
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.0
 115 37.3 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

Tgt Ion:164 Resp: 94496
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.0 117.0
 160 46.9 32.9 49.3

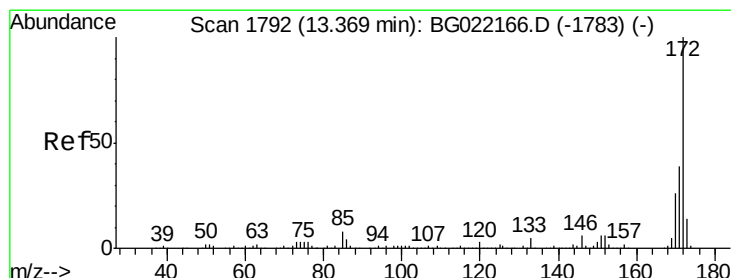
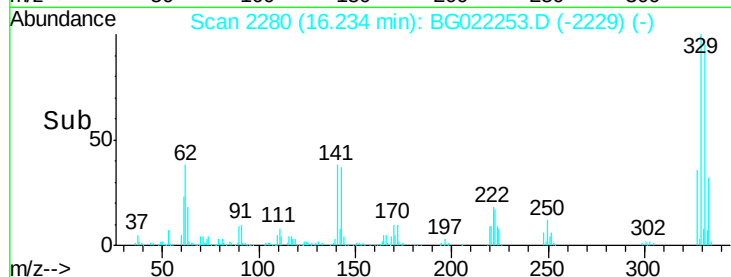
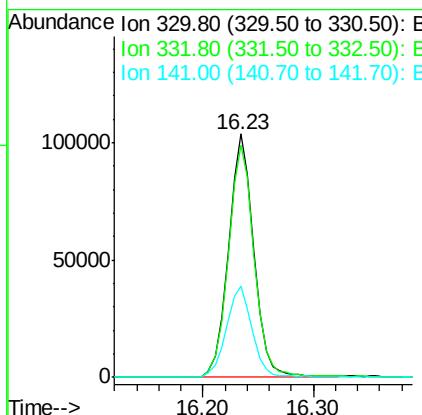
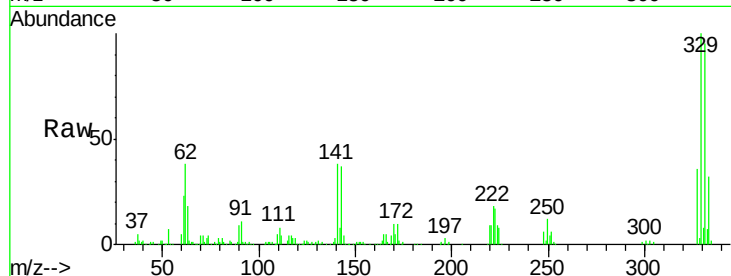




#41
 2,4,6-Tribromophenol
 Concen: 156.69 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

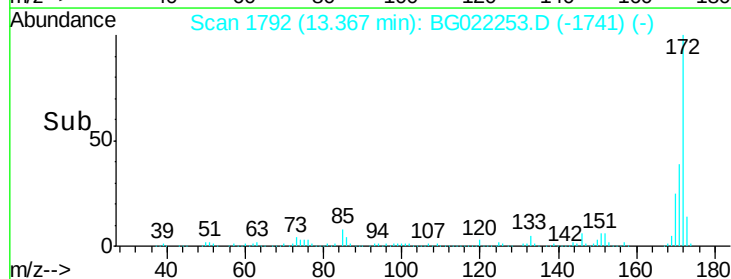
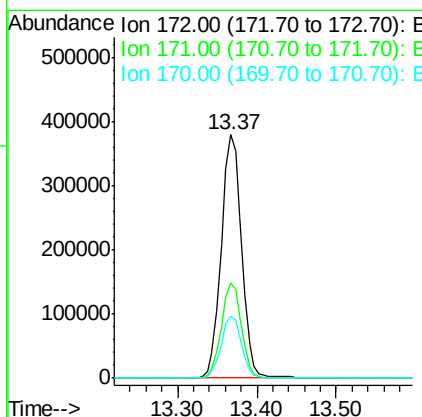
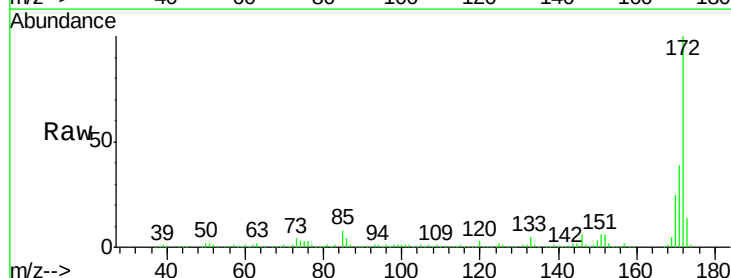
Instrument :
 BNA_G
 ClientSampleId :
 W-41

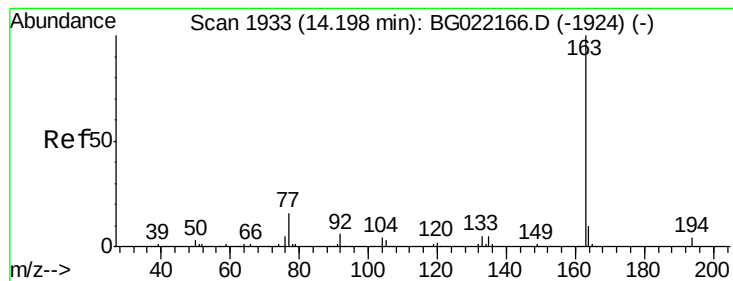
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	38.4	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 108.77 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	25.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.09 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

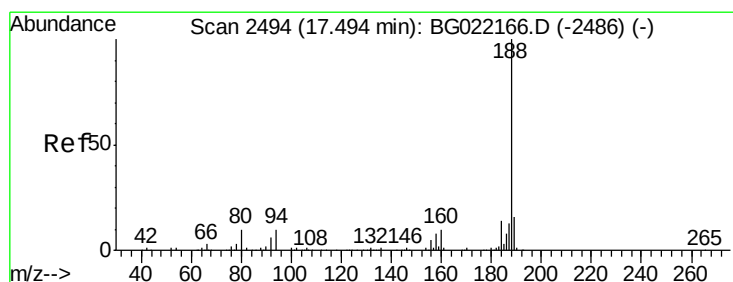
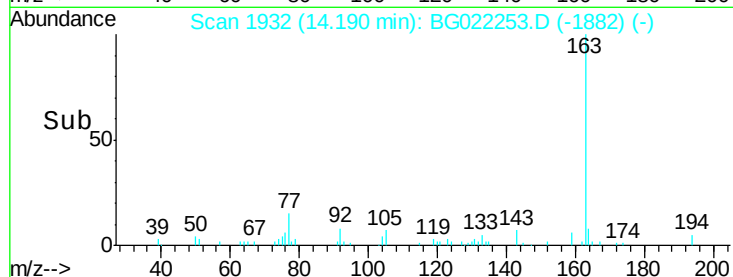
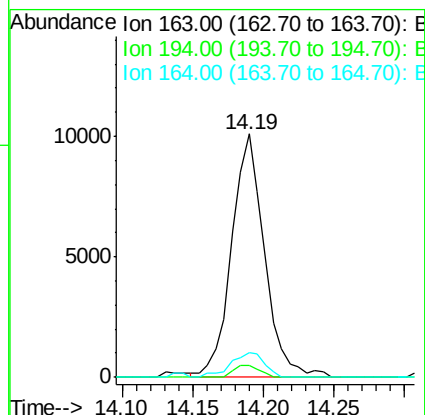
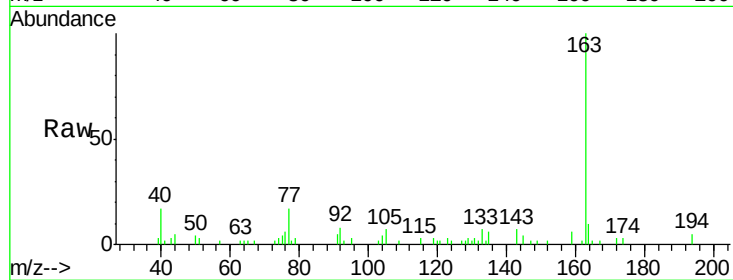
BNA_G

ClientSampleId :

W-41

Tgt Ion:163 Resp: 16409

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	10.2	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

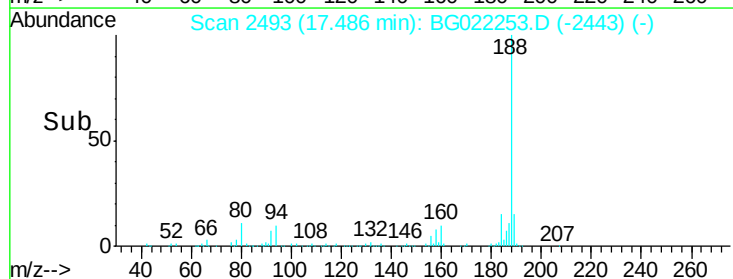
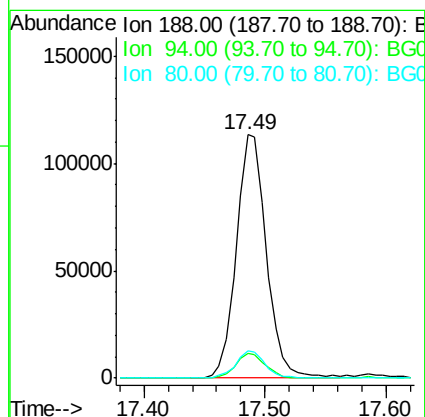
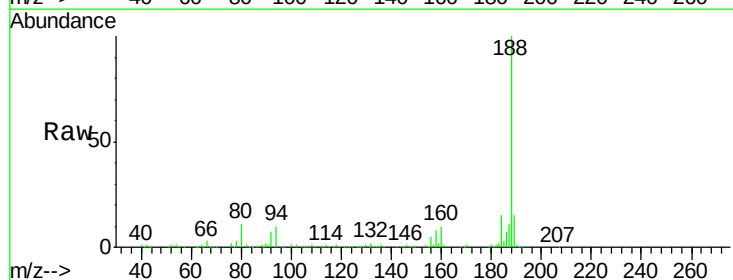
Delta R.T. -0.01 min

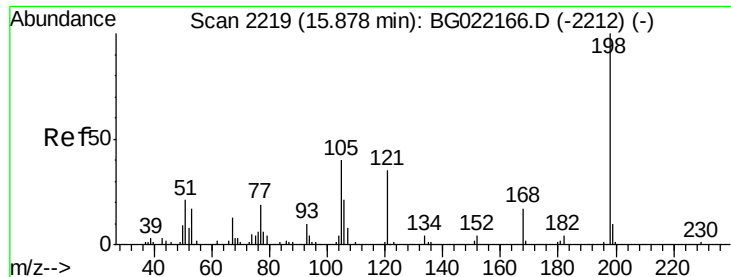
Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Tgt Ion:188 Resp: 196894

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.5	11.3
80	11.0	8.6	13.0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.55 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.04 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

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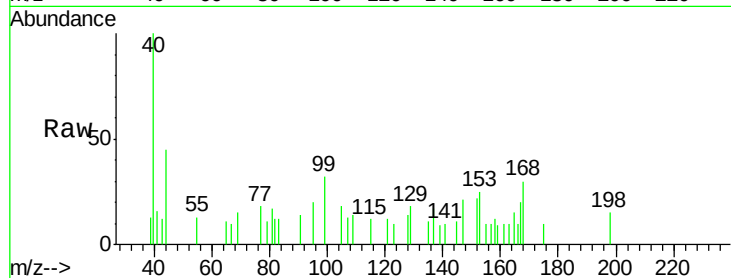
Tgt Ion:198 Resp: 87

Ion Ratio Lower Upper

198 100

51 0.0 29.2 69.2#

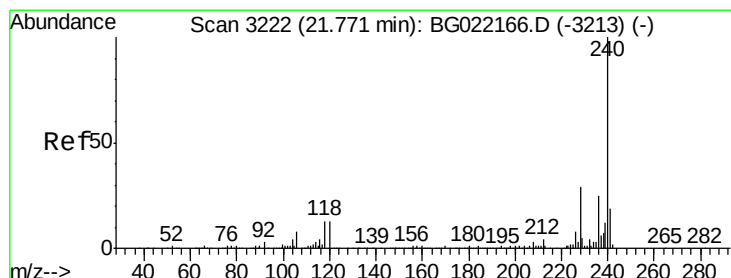
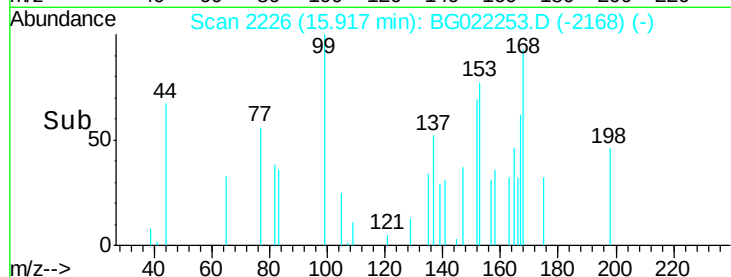
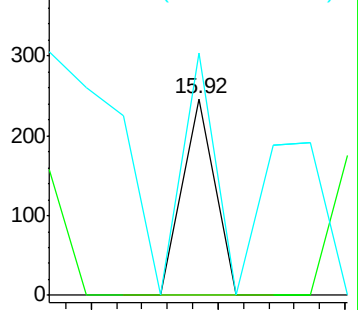
105 123.6 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022253.D (-2168) (-)

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

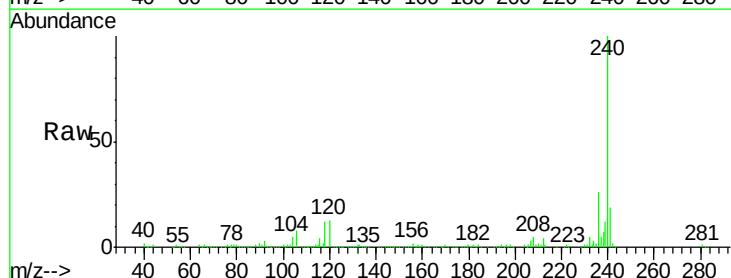
Tgt Ion:240 Resp: 183528

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

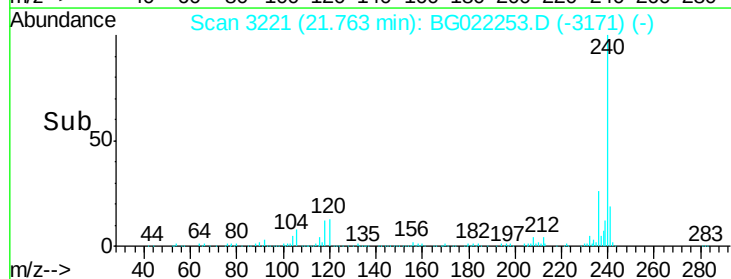
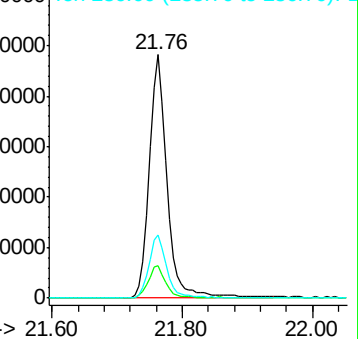
236 25.9 19.6 29.4

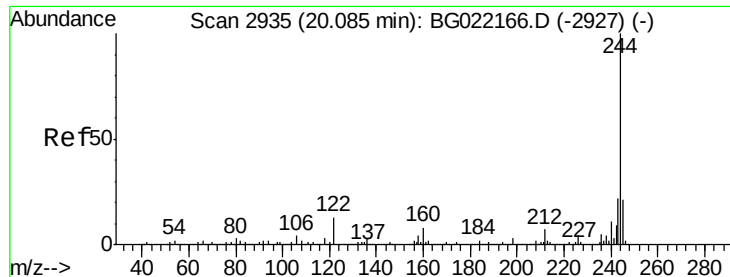


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.13 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

W-41

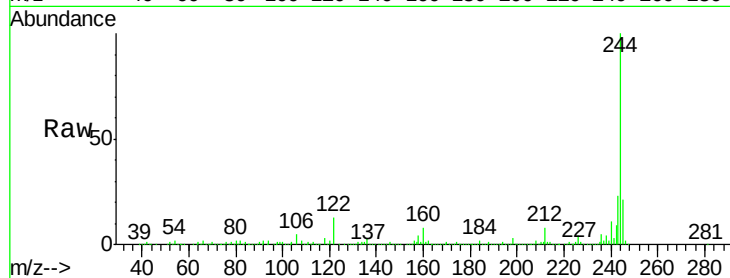
Tgt Ion:244 Resp: 804983

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

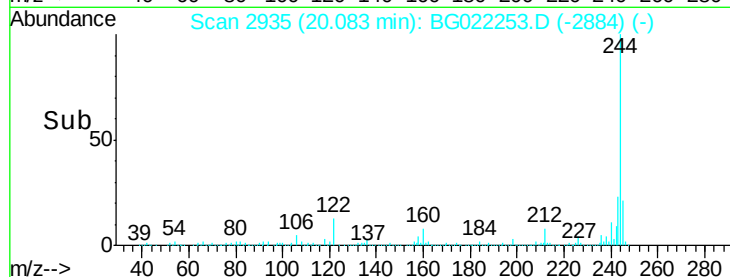
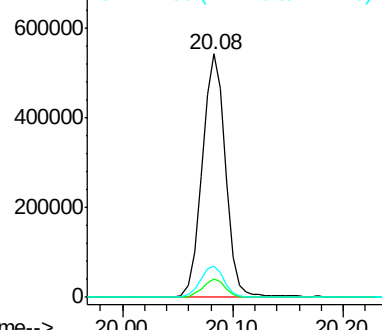
122 12.9 8.6 12.8#



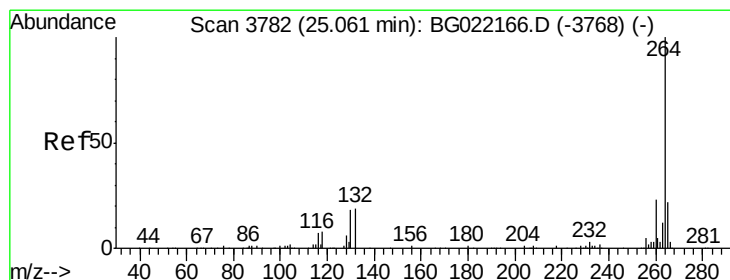
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

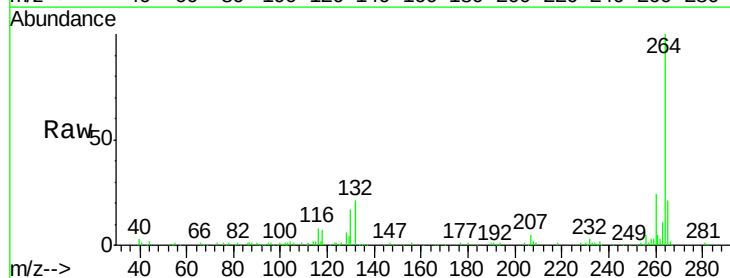
Tgt Ion:264 Resp: 174073

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

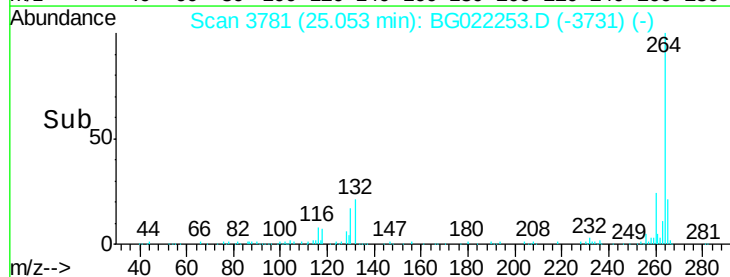
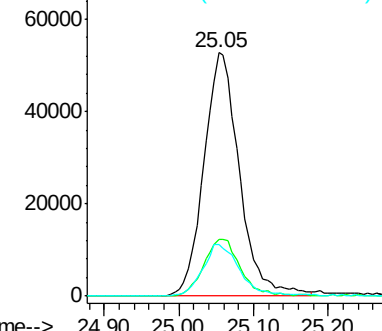
265 21.4 17.8 26.8



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



Time-->