

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090616\
 Data File : BG023952.D
 Acq On : 6 Sep 2016 18:12
 Operator : UM/SJ
 Sample : H4680-32
 Misc :
 ALS Vial : 7 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 18:47:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

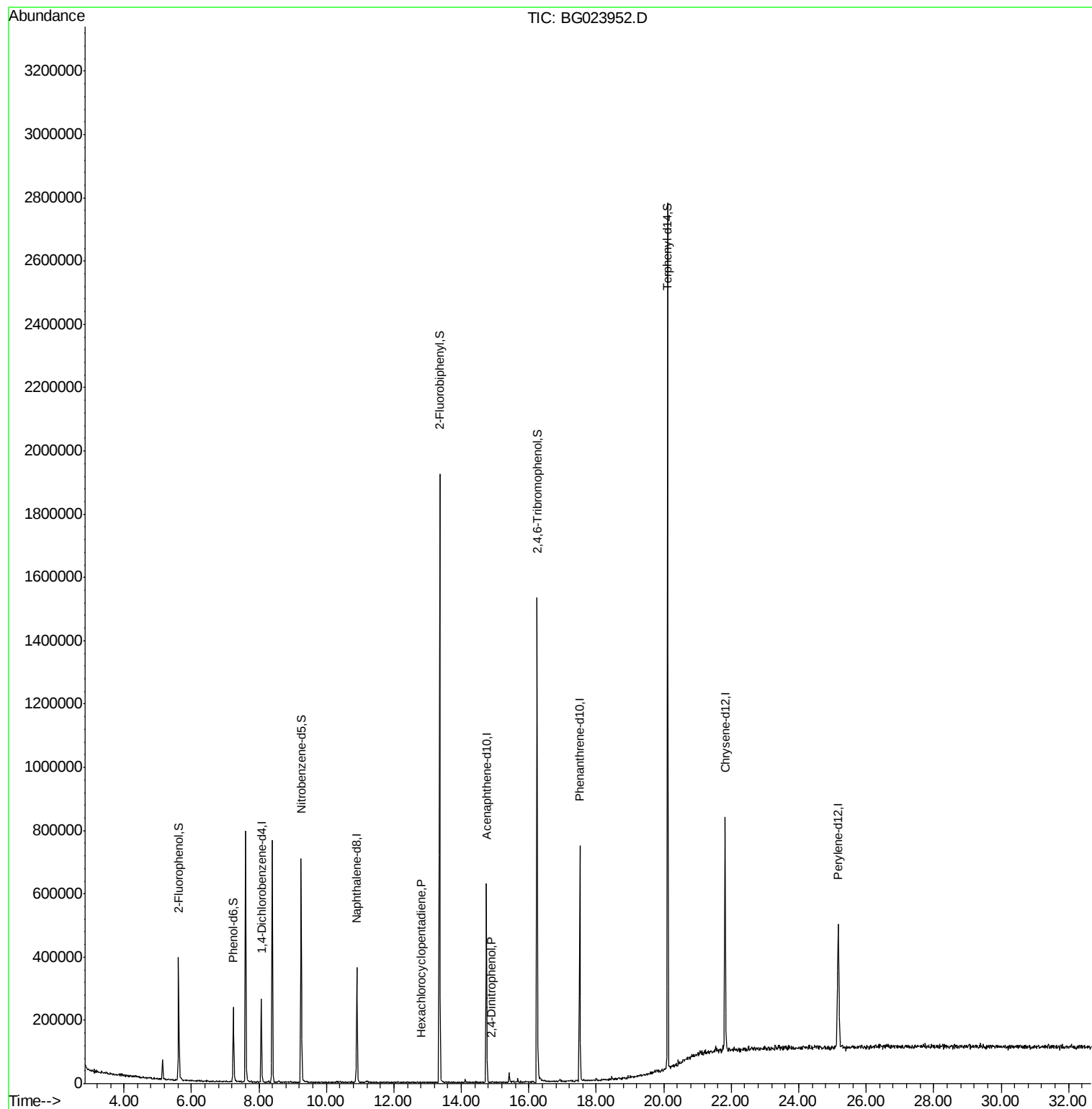
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63524	40.00	ng	-0.02
21) Naphthalene-d8	10.91	136	284724	40.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	211310	40.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	452683	40.00	ng	-0.02
75) Chrysene-d12	21.82	240	481077	40.00	ng	-0.03
86) Perylene-d12	25.17	264	494623	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	147291	81.42	ng	-0.02
7) Phenol-d6	7.24	99	127382	45.74	ng	-0.02
23) Nitrobenzene-d5	9.25	82	440446	138.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	288388	151.50	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	936121	127.03	ng	-0.02
78) Terphenyl-d14	20.11	244	1149679	108.85	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.39	79	9126	3.72	ng	# 74
40) Hexachlorocyclopentadiene	12.82	237	63	14.19	ng	# 26
53) 2,4-Dinitrophenol	14.88	184	78	13.07	ng	# 10

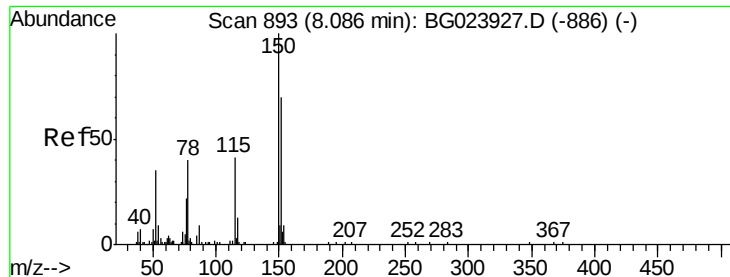
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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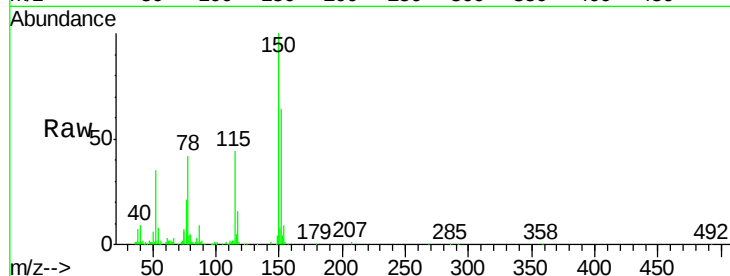


#1

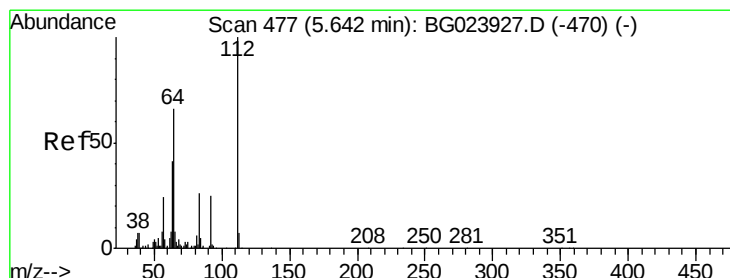
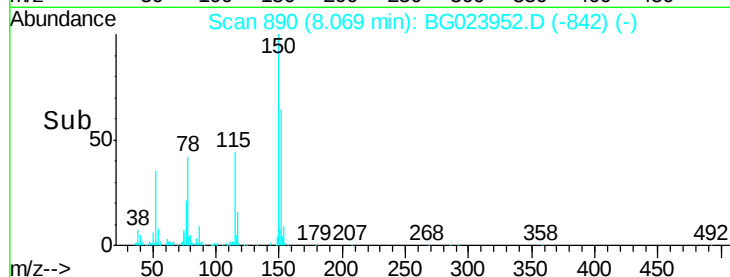
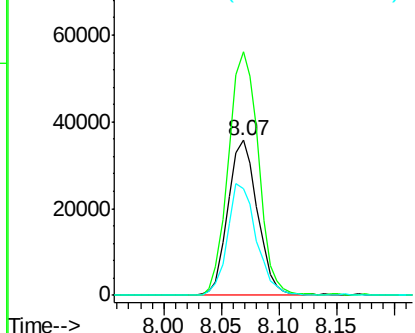
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63524
Ion Ratio Lower Upper
152 100
150 156.9 144.7 217.1
115 69.0 64.0 96.0



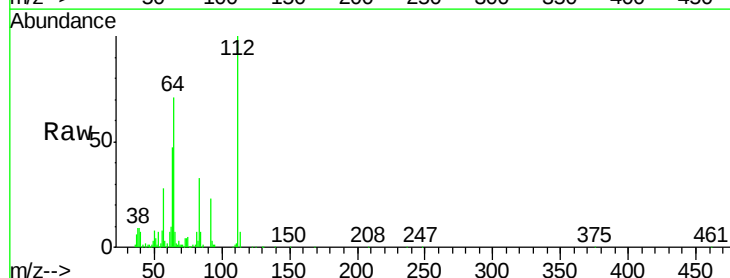
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



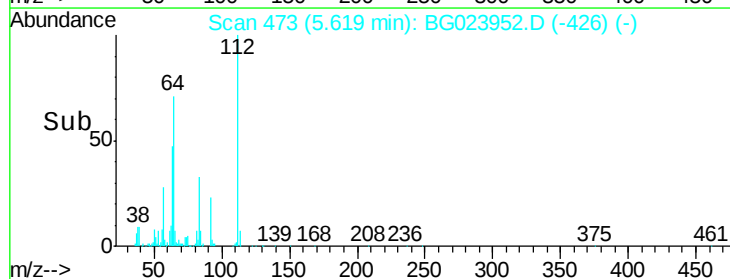
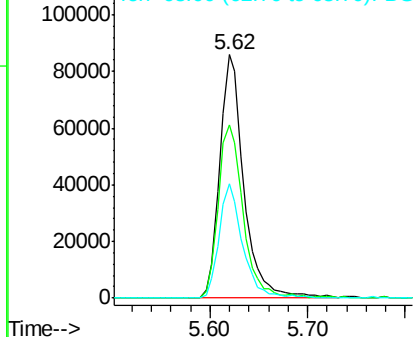
#5

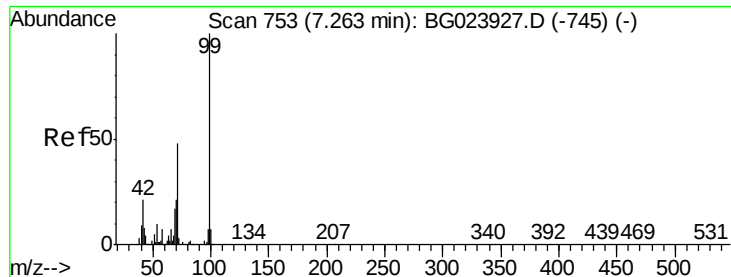
2-Fluorophenol
Concen: 81.42 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Tgt Ion:112 Resp: 147291
Ion Ratio Lower Upper
112 100
64 71.4 59.0 88.4
63 47.1 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: 45.74 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

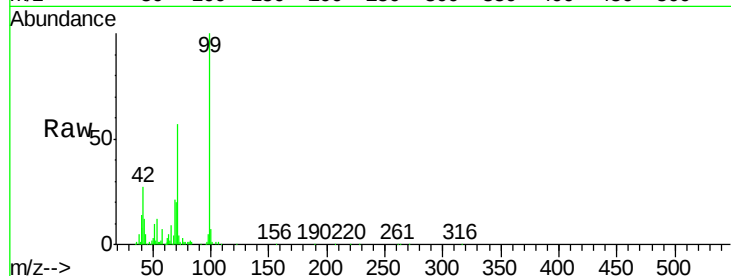
Tot Ion: 99 Resp: 127382

Ion Ratio Lower Upper

99 100

42 26.6 17.8 26.6#

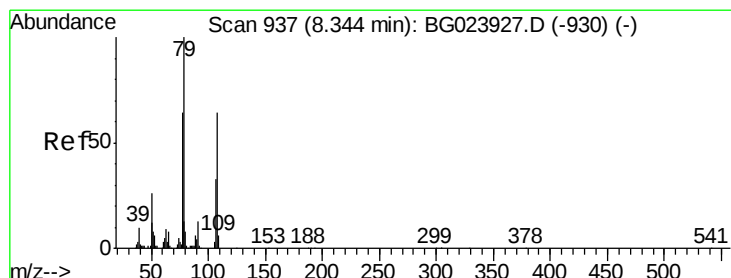
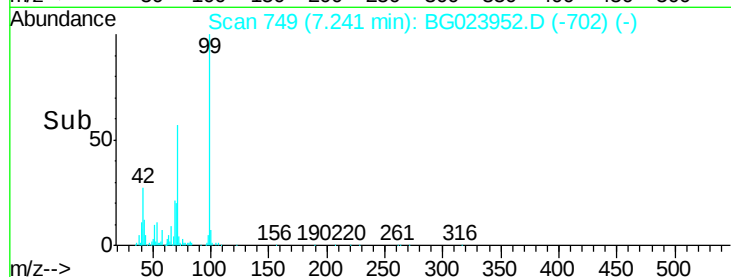
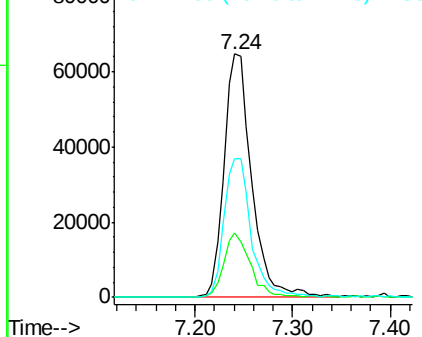
71 56.9 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 3.72 ng

RT: 8.39 min Scan# 945

Delta R.T. 0.05 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

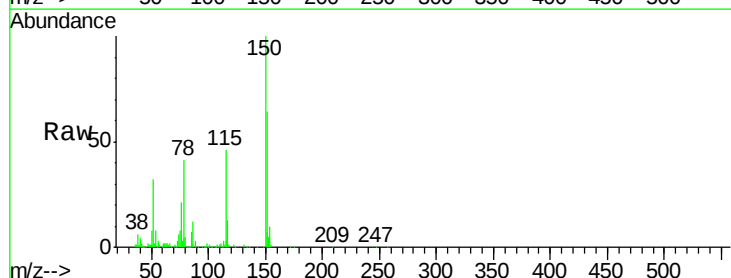
Tgt Ion: 79 Resp: 9126

Ion Ratio Lower Upper

79 100

108 29.1 46.5 69.7#

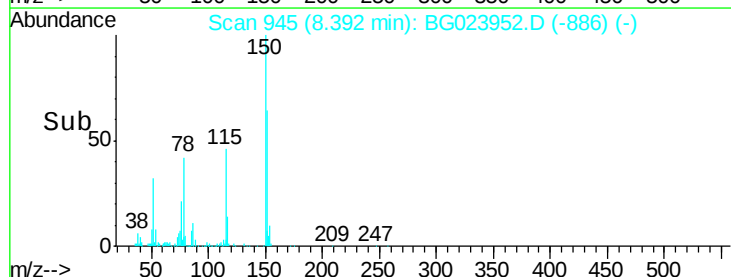
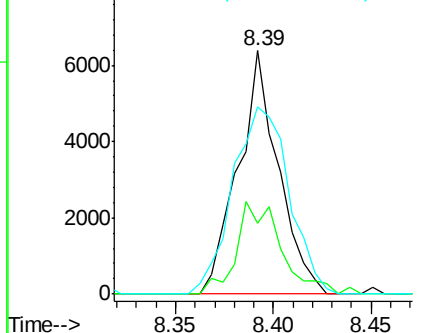
77 77.0 52.3 78.5

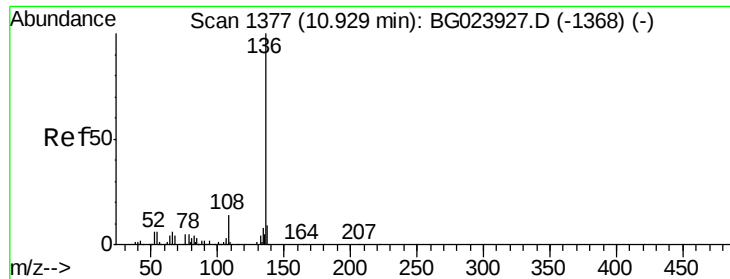


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

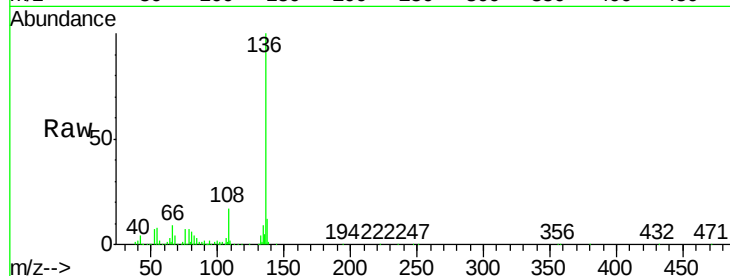




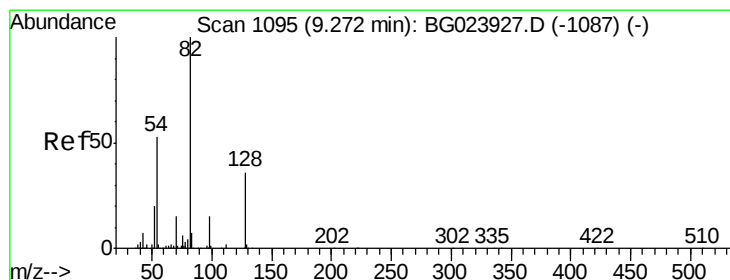
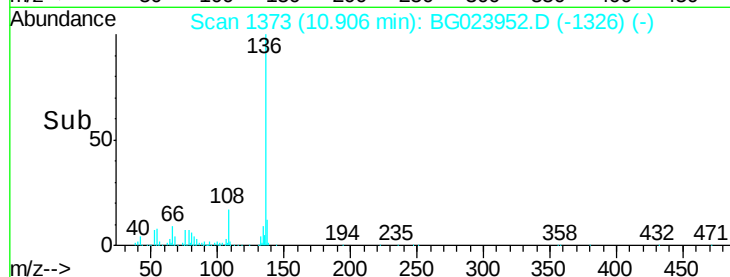
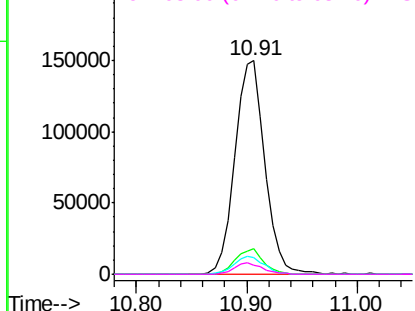
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.91 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	284724
Ion Ratio	Lower	Upper
136 100		
137 12.1	9.6	14.4
54 7.8	7.3	10.9
68 4.3	5.3	7.9#

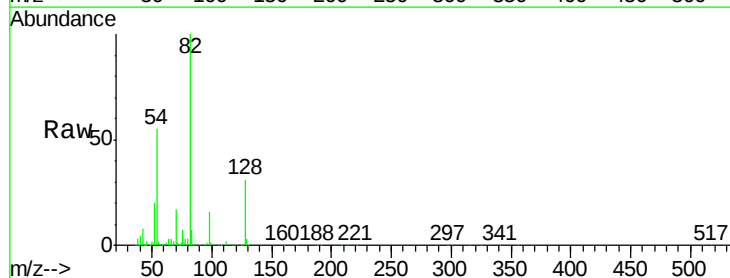


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

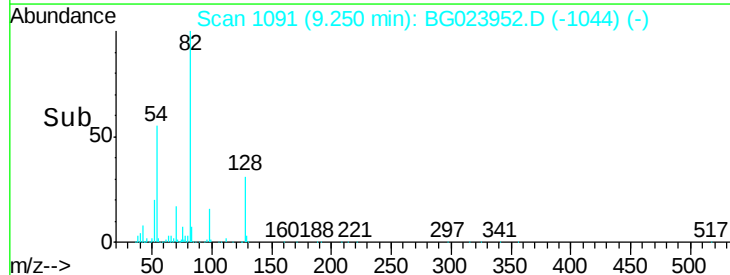
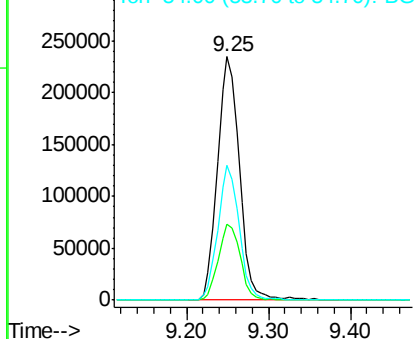


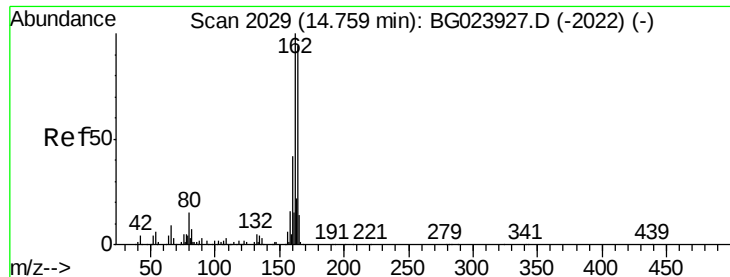
#23
Nitrobenzene-d5
Concen: 138.12 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Tgt Ion: 82	Resp: 440446
Ion Ratio	Lower Upper
82 100	
128 31.0	24.4 36.6
54 55.2	41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

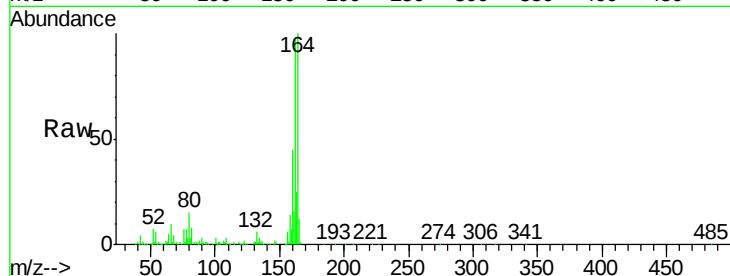
Tot Ion:164 Resp: 211310

Ion Ratio Lower Upper

164 100

162 97.4 87.7 131.5

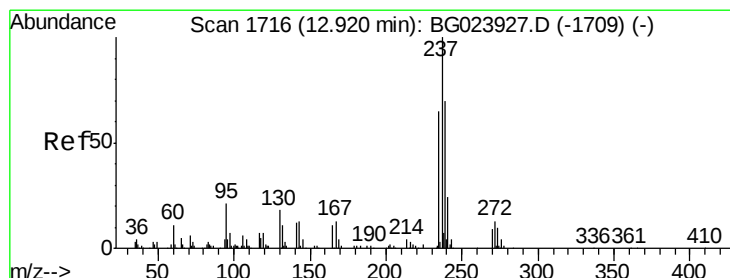
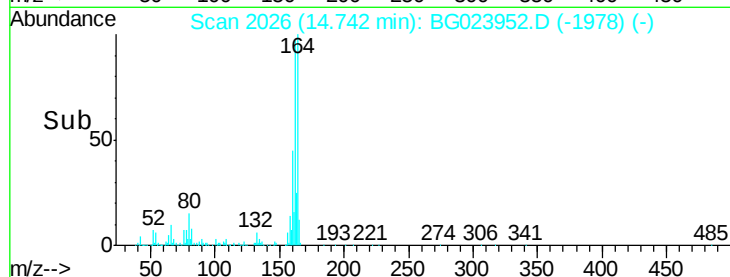
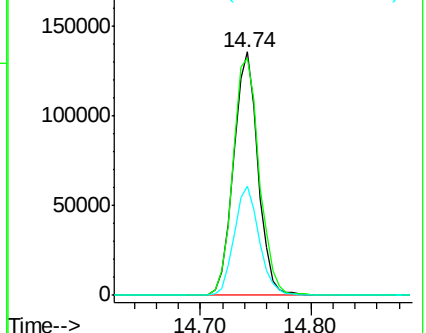
160 45.0 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 14.19 ng

RT: 12.82 min Scan# 1699

Delta R.T. -0.10 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

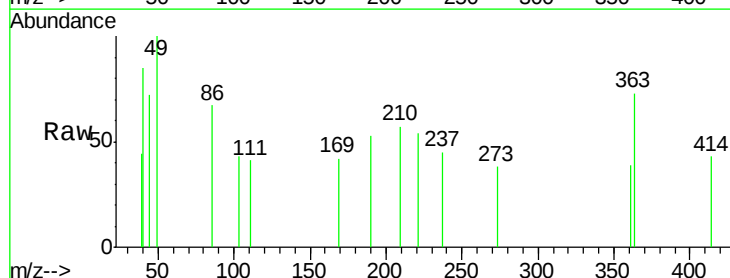
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

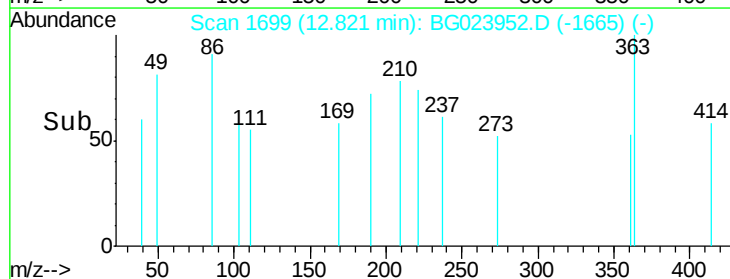
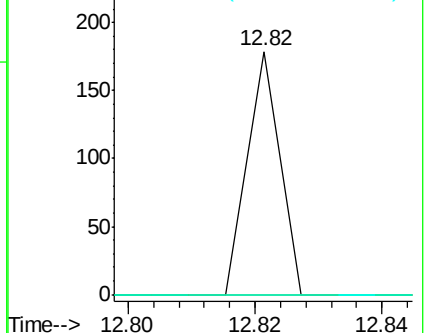
272 0.0 0.0 30.9

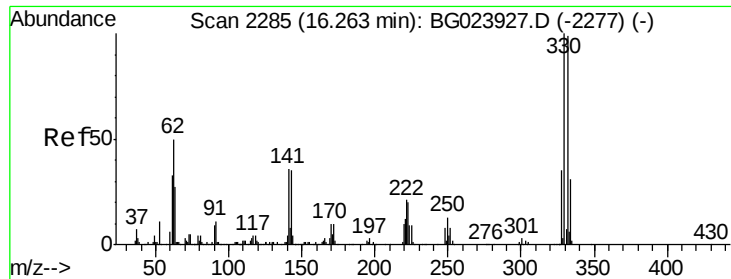


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

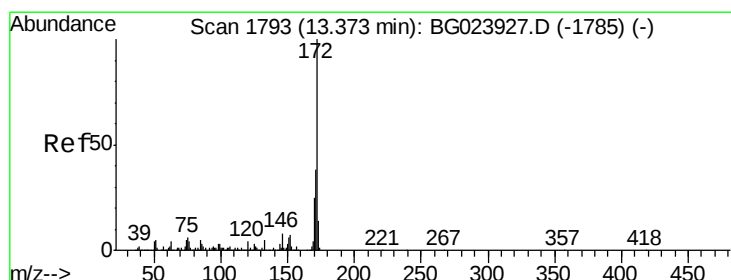
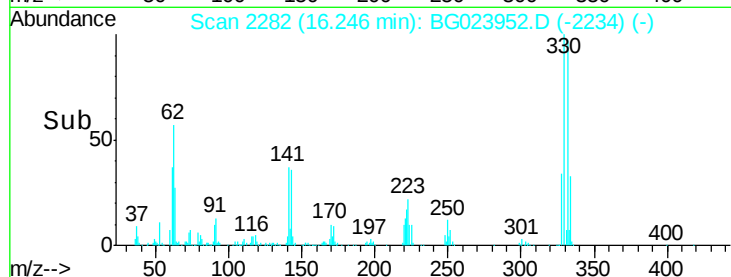
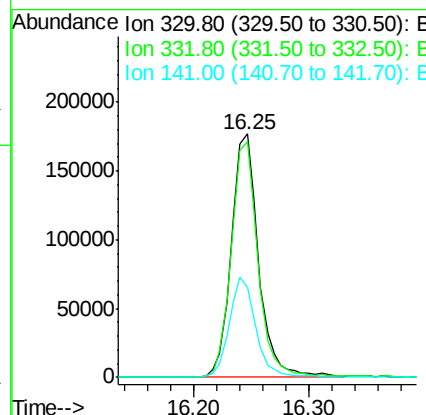
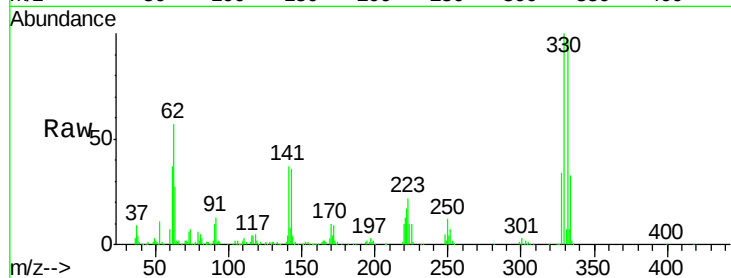




#41
 2,4,6-Tribromophenol
 Concen: 151.50 ng
 RT: 16.25 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

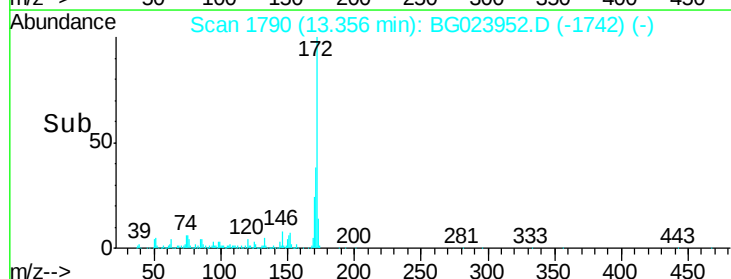
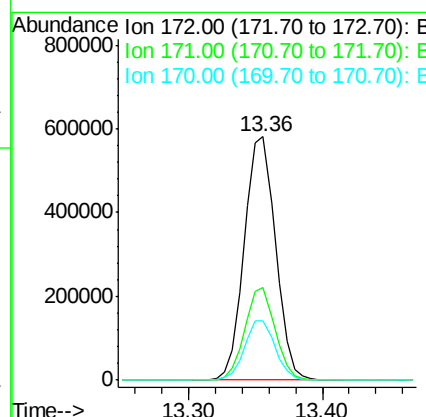
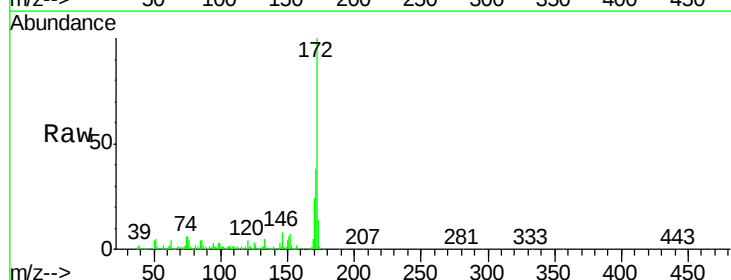
Instrument :
 BNA_G
 ClientSampleId :

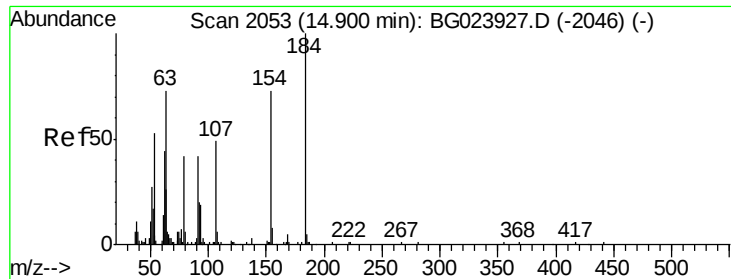
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	40.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 127.03 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	24.4	21.3	31.9

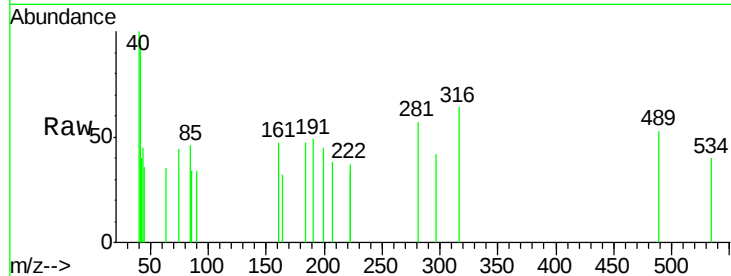




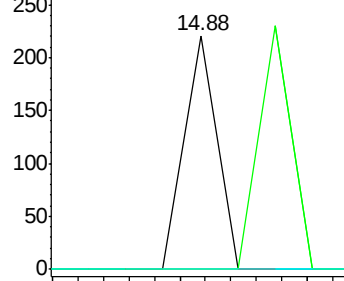
#53
 2,4-Dinitrophenol
 Concen: 13.07 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

Instrument :
 BNA_G
 ClientSampled :

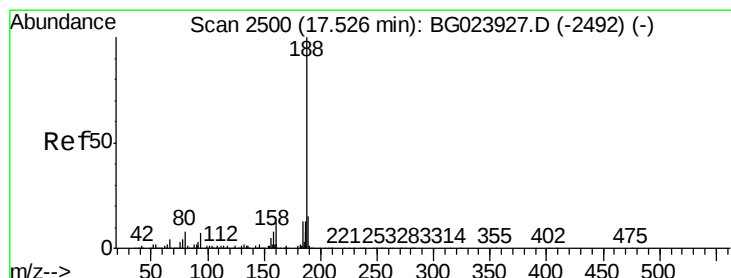
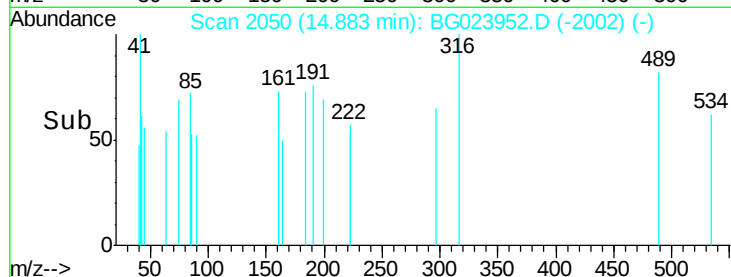
Tot Ion:184 Resp: 78
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#



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

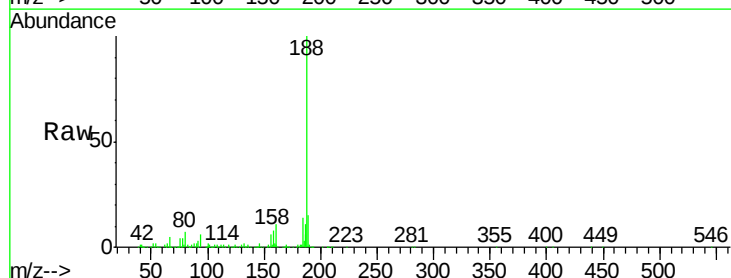


Time--> 14.86 14.88 14.90

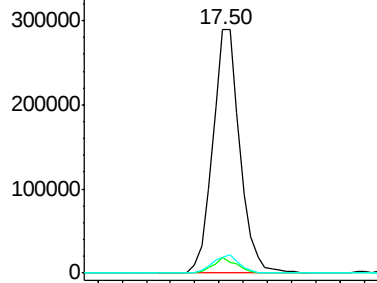


#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

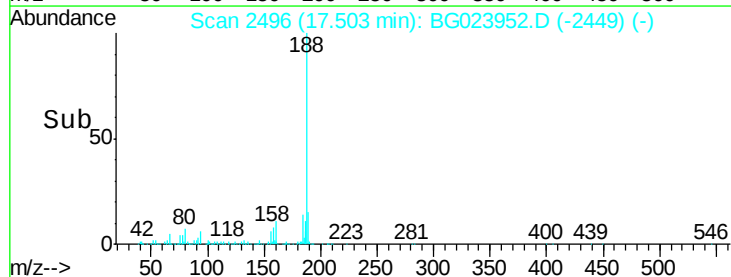
Tgt Ion:188 Resp: 452683
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.2 7.8
 80 6.7 7.2 10.8#

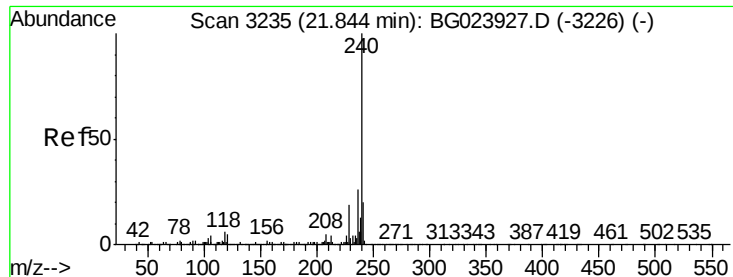


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG



Time--> 17.40 17.50 17.60





#75

Chrysene-d12

Concen: 40.00 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.03 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

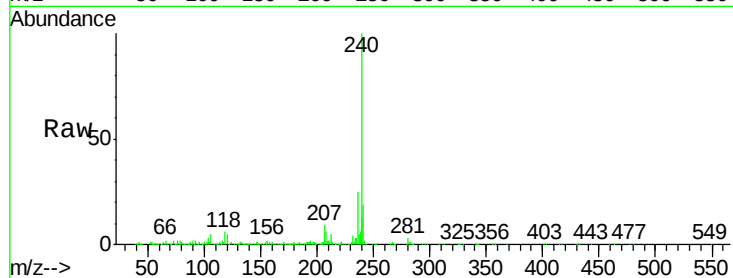
Tot Ion:240 Resp: 481077

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

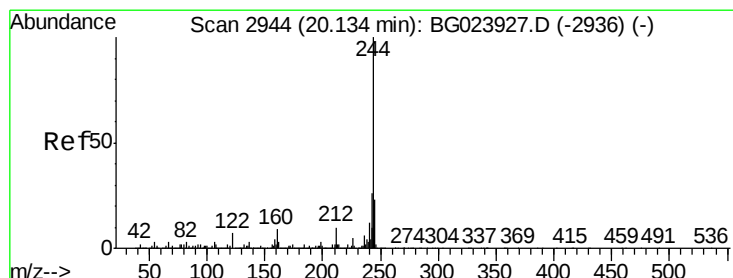
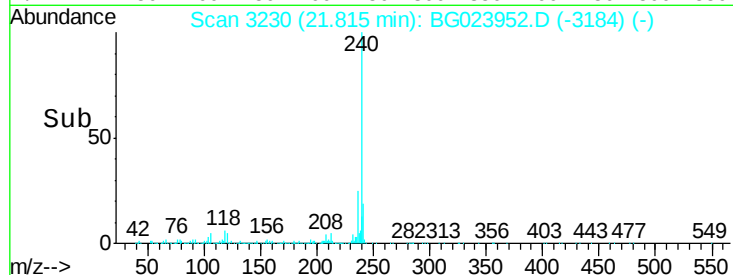
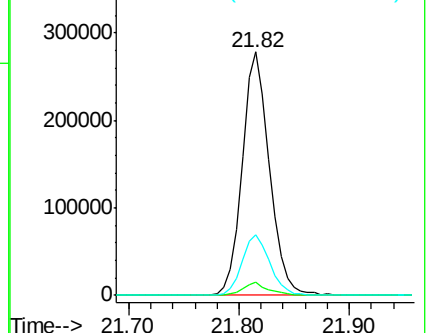
236 24.6 21.1 31.7



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: 108.85 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

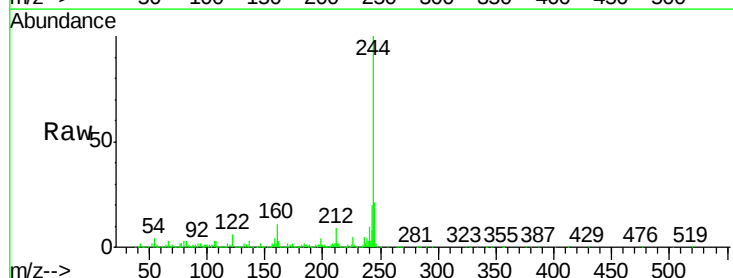
Tgt Ion:244 Resp: 1149679

Ion Ratio Lower Upper

244 100

212 9.4 10.8 16.2#

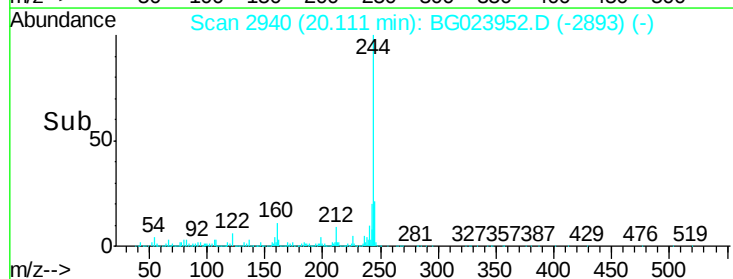
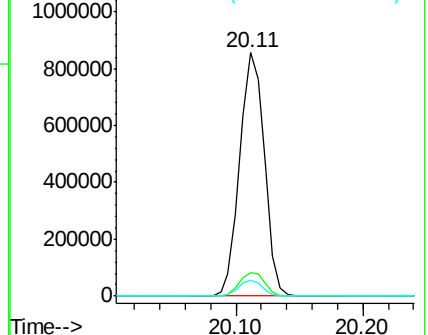
122 6.5 8.0 12.0#

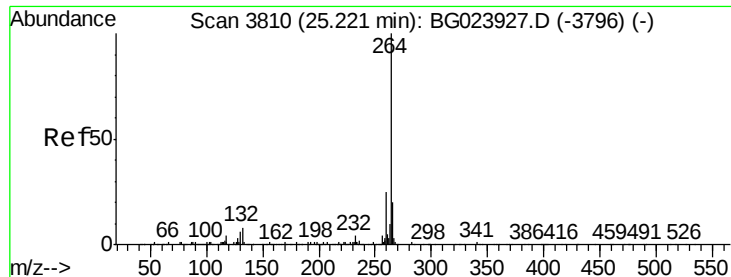


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 40.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. -0.05 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.4	27.6
265	21.1	18.9	28.3

