

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041130.D
 Acq On : 8 Jun 2019 12:58
 Operator : HP/JU
 Sample : K3153-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:00:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

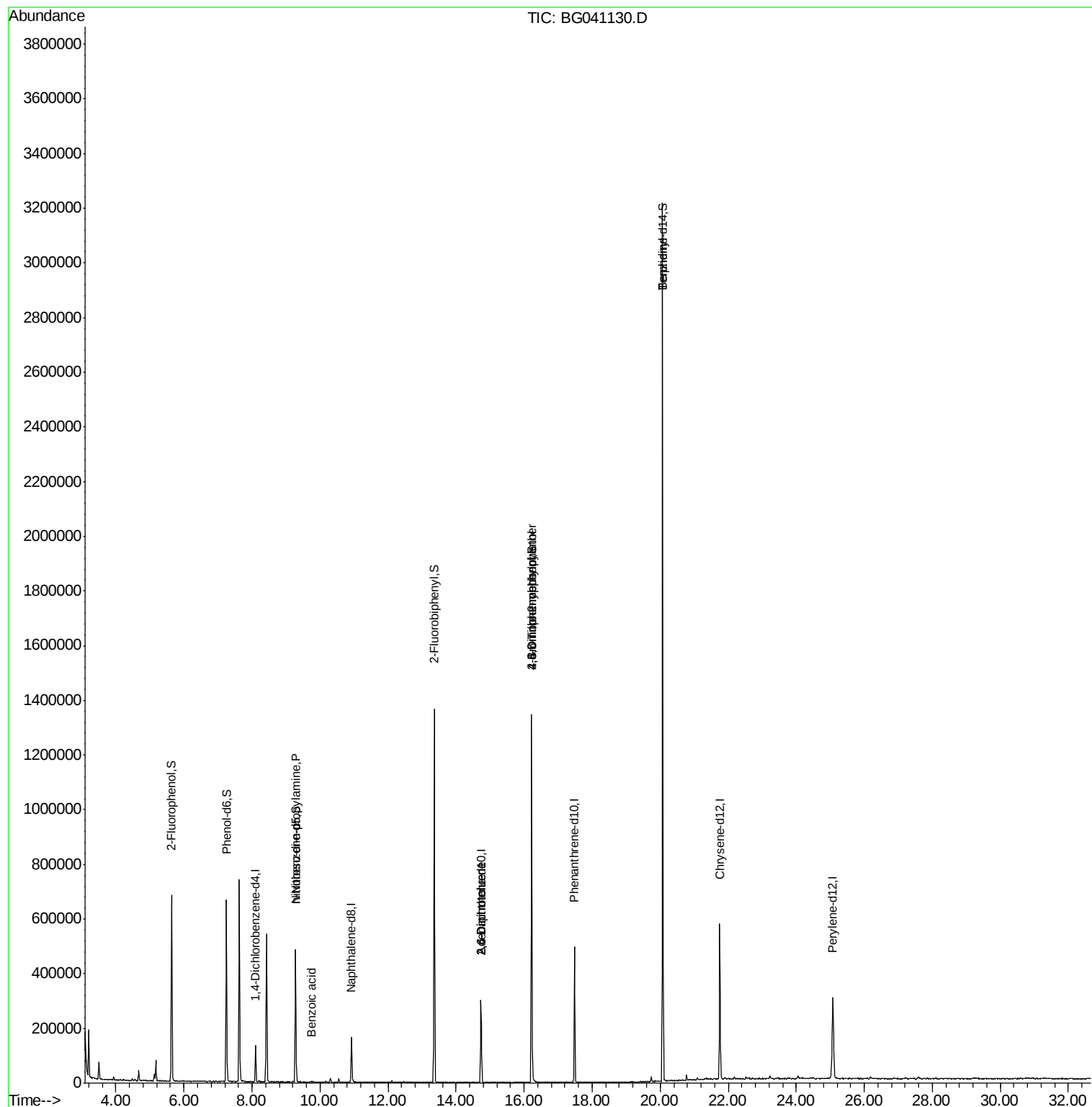
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35267	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	135633	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	109510	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	316879	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	340166	20.00	ng	-0.03
87) Perylene-d12	25.07	264	351907	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	260877	133.39	ng	-0.02
7) Phenol-d6	7.25	99	342700	113.46	ng	-0.02
23) Nitrobenzene-d5	9.28	82	290352	95.03	ng	-0.03
42) 2,4,6-Tribromophenol	16.22	330	256829	157.98	ng	-0.03
45) 2-Fluorobiphenyl	13.36	172	696058	91.53	ng	-0.03
79) Terphenyl-d14	20.07	244	1539632	96.06	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	42035	18.084	ng	# 72
32) Benzoic acid	9.74	122	56	8.158	ng	# 84
51) 2,6-Dinitrotoluene	14.73	165	14212	7.111	ng	# 21
57) 2,4-Dinitrotoluene	14.73	165	14212	5.034	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	716	8.936	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	18920	4.424	ng	# 1
77) Benzidine	20.07	184	26066	3.212	ng	# 96

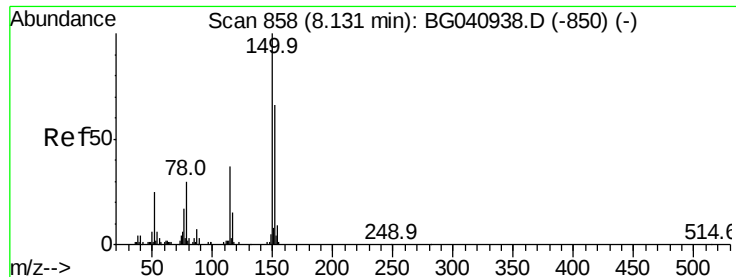
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG041130.D
Acq On : 8 Jun 2019 12:58
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Sample : K3153-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 09 23:00:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
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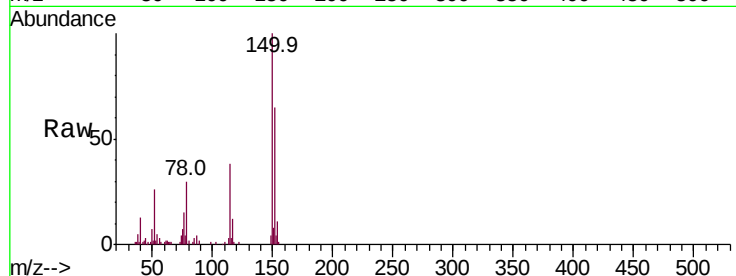


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	180.8
115	58.0	45.1	67.7

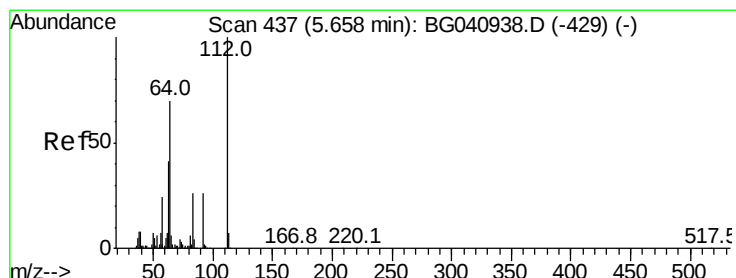
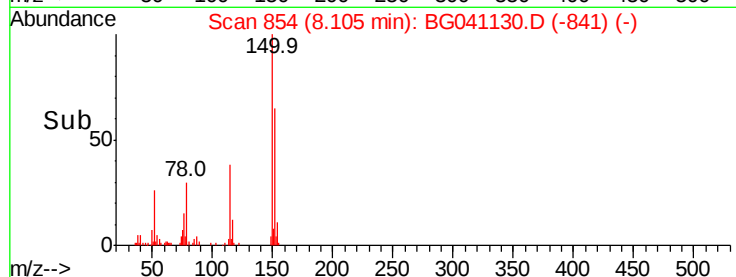
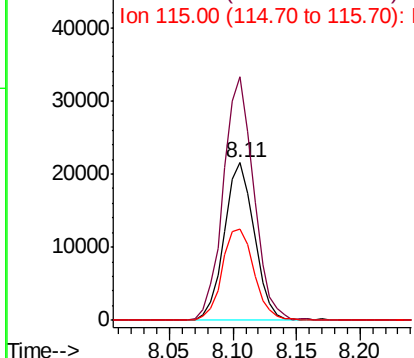


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

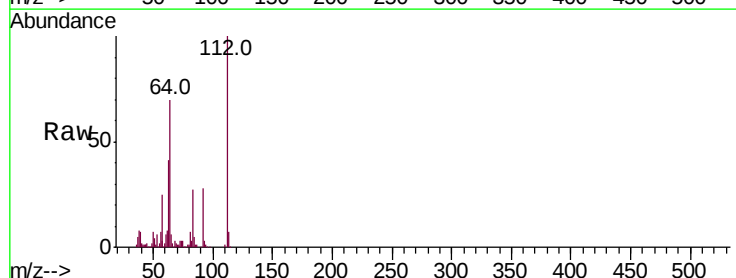
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.387 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.2	84.2
63	40.5	32.8	49.2

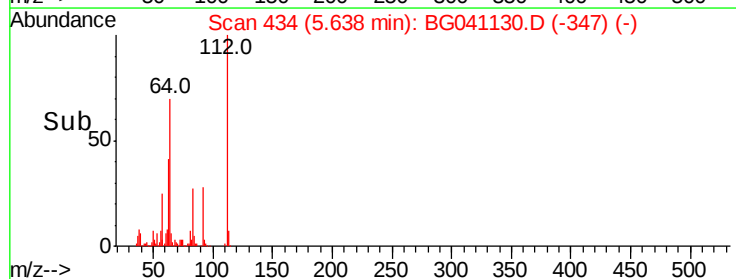
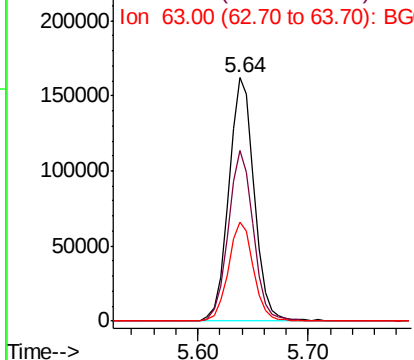


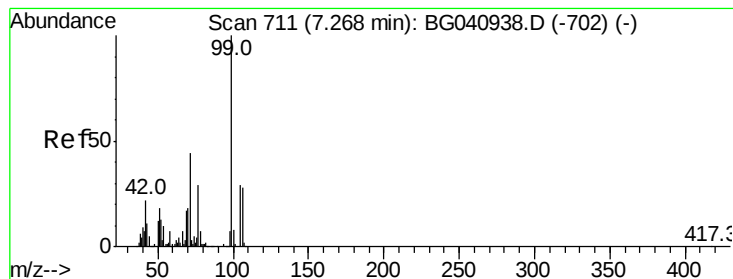
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.458 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

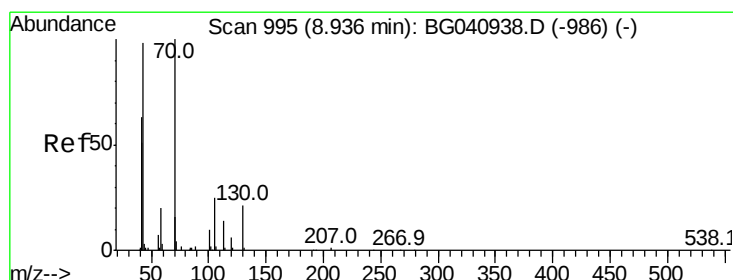
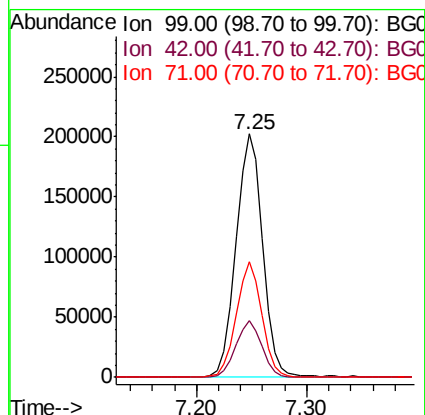
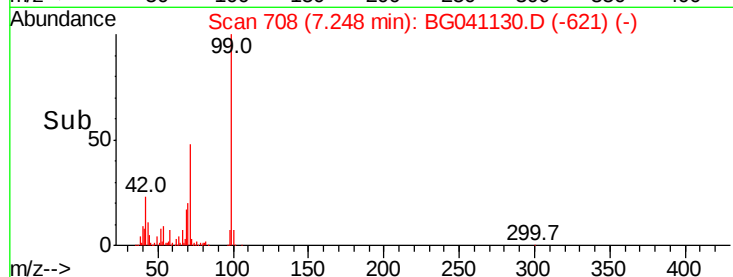
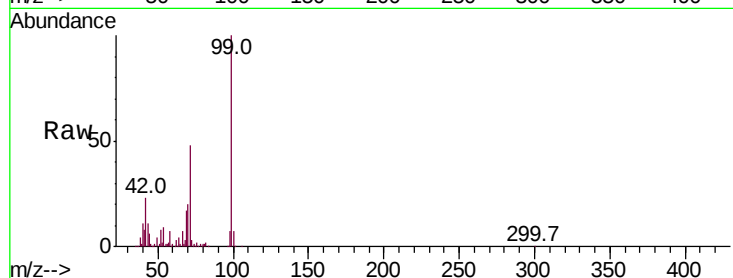
Tot Ion: 99 Resp: 342700

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 47.6 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.084 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.34 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Tgt Ion: 70 Resp: 42035

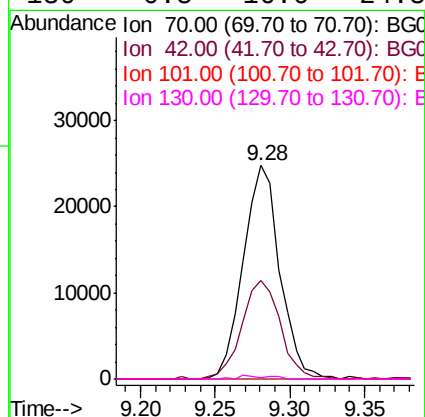
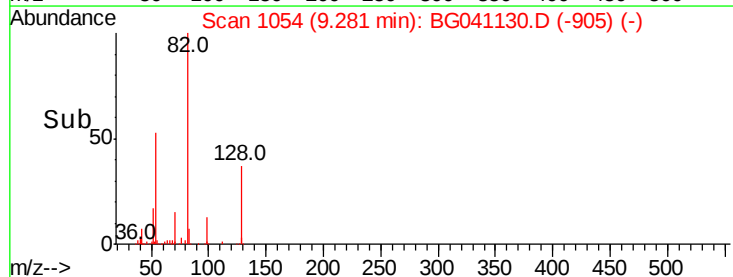
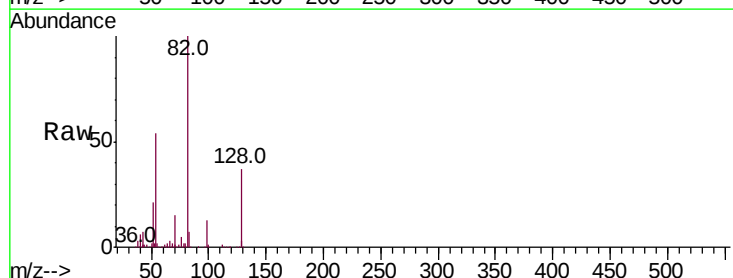
Ion Ratio Lower Upper

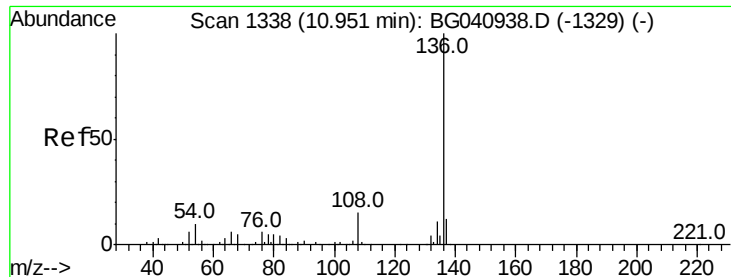
70 100

42 46.2 51.5 77.3#

101 0.0 8.1 12.1#

130 0.8 16.6 24.8#

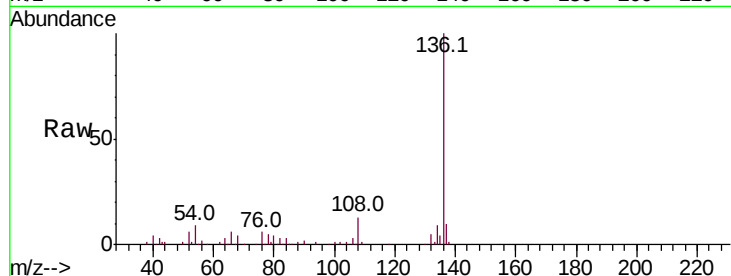




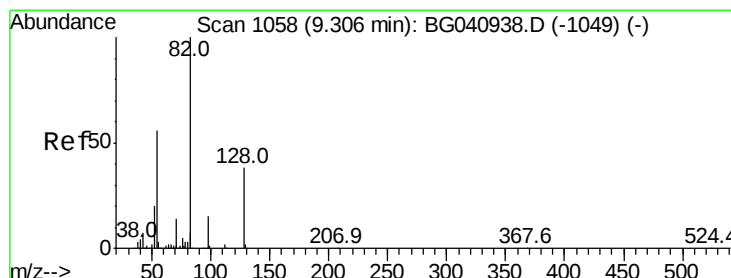
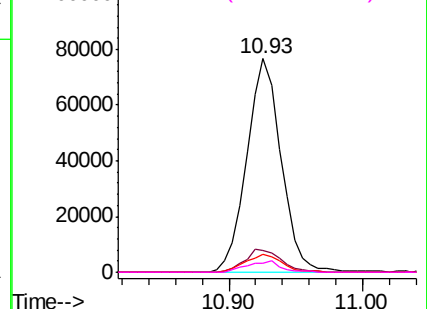
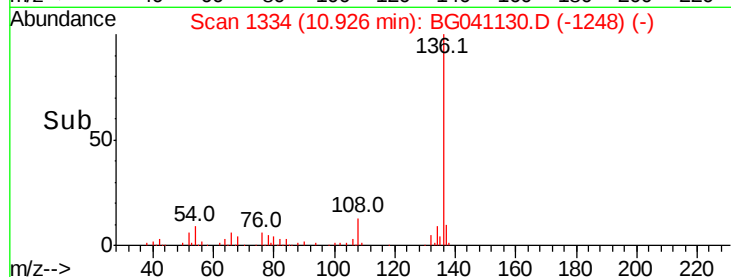
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	135633
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.5	14.3
54	8.6	7.6	11.4
68	4.2	3.9	5.9

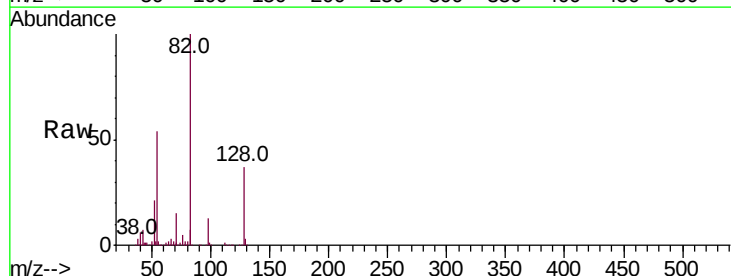


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

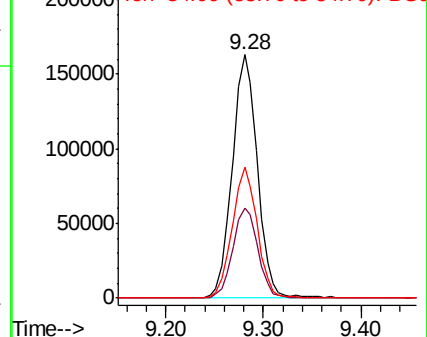
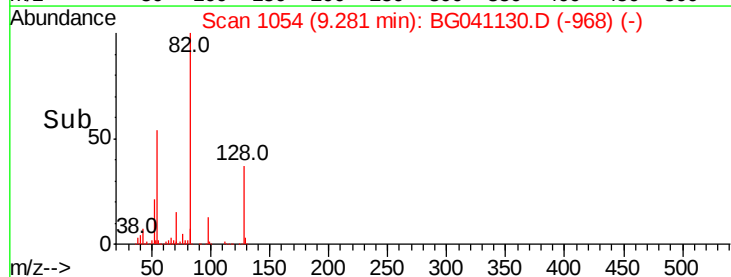


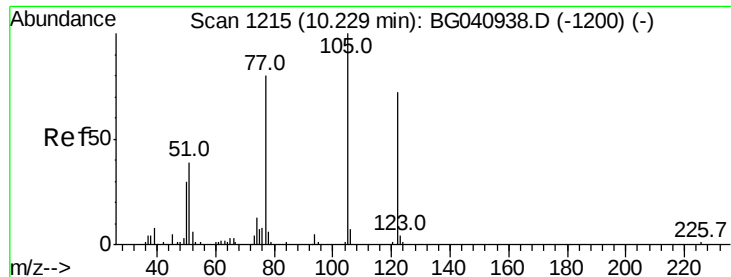
#23
Nitrobenzene-d5
Concen: 95.034 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Tgt Ion:	82	Resp:	290352
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	53.9	44.6	66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

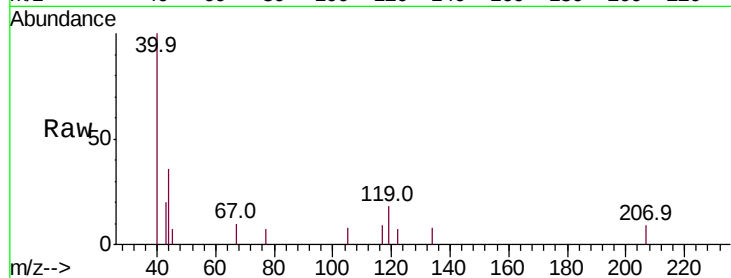




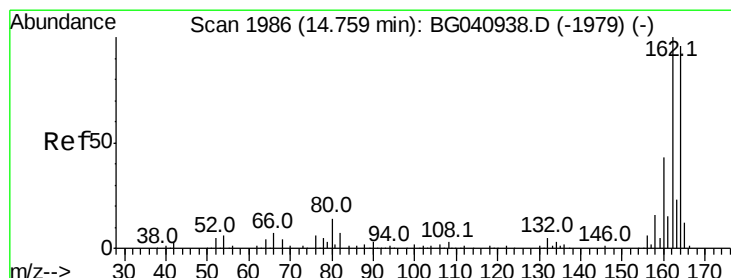
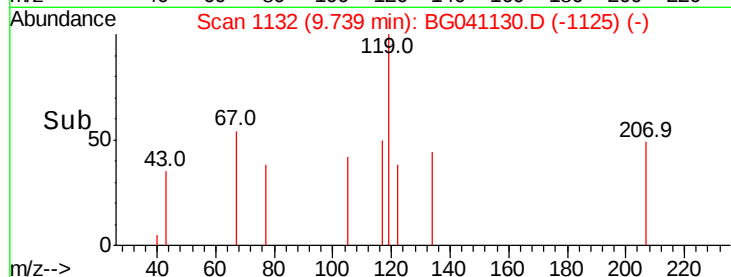
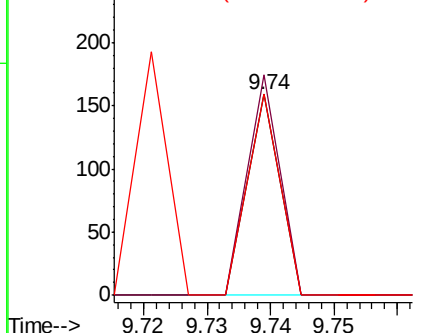
#32
Benzoic acid
Concen: 8.158 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.49 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 110.1 114.8 154.8#
77 100.0 89.9 129.9

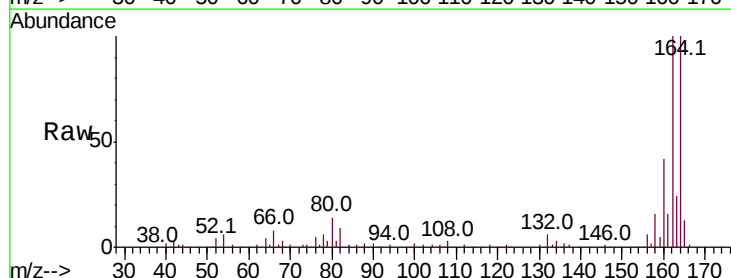


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

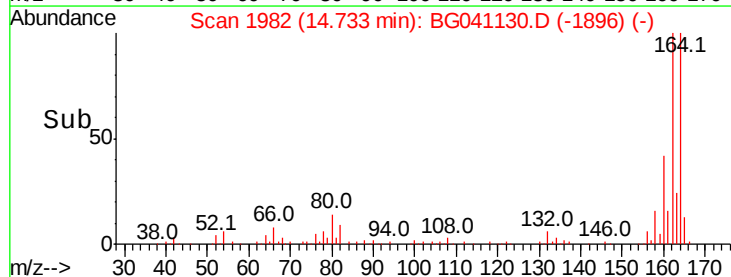
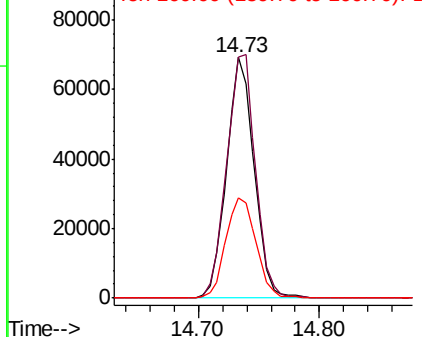


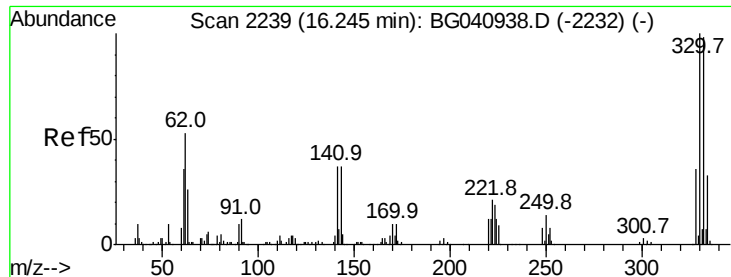
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Tgt Ion:164 Resp: 109510
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 41.8 35.6 53.4



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





#42

2,4,6-Tribromophenol

Concen: 157.975 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampled :

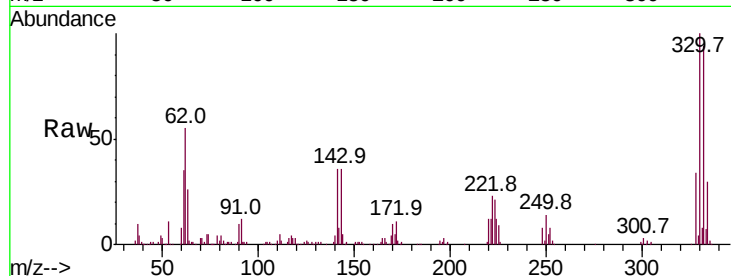
Tot Ion:330 Resp: 256829

Ion Ratio Lower Upper

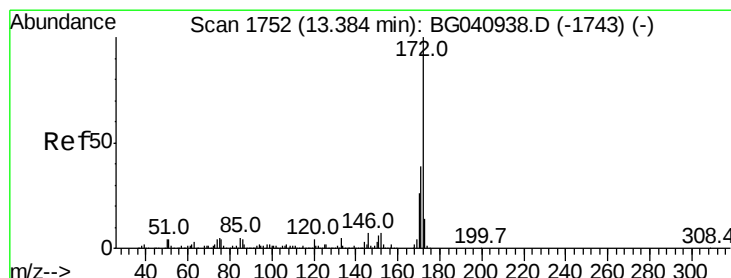
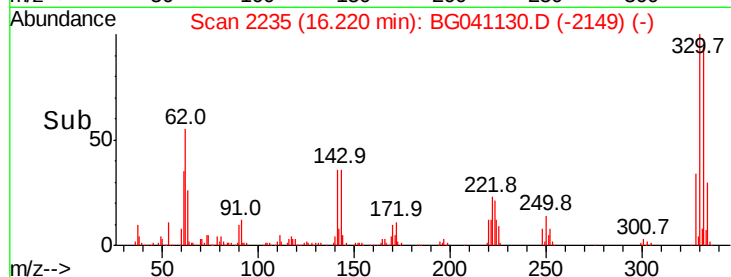
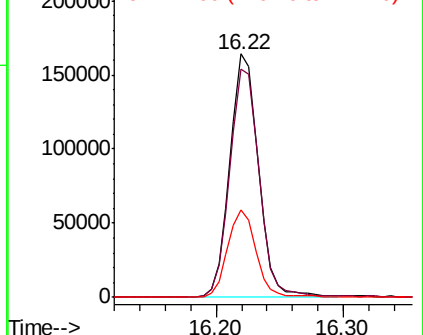
330 100

332 96.6 78.5 117.7

141 35.8 28.7 43.1



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



#45

2-Fluorobiphenyl

Concen: 91.535 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.03 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

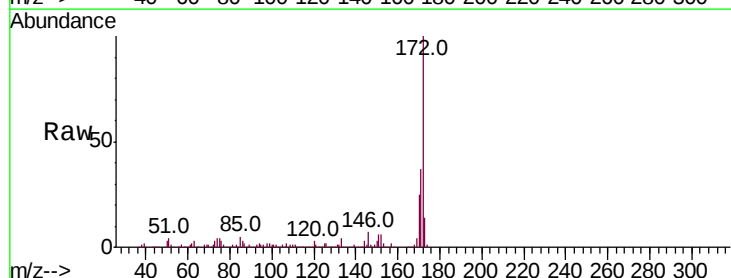
Tgt Ion:172 Resp: 696058

Ion Ratio Lower Upper

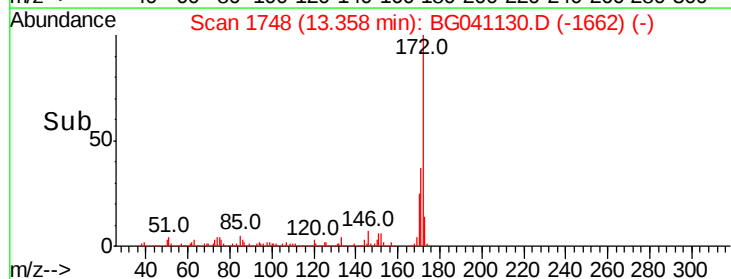
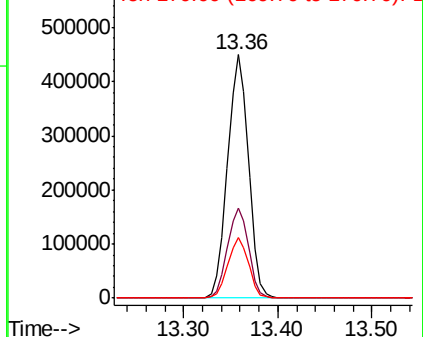
172 100

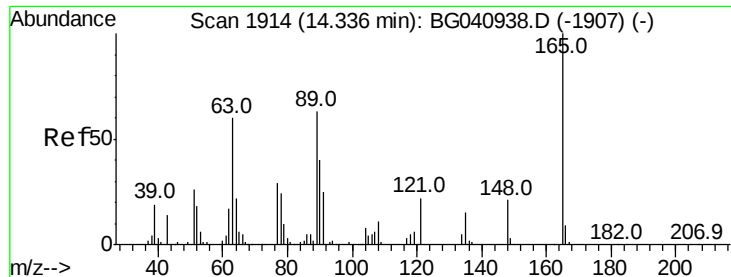
171 36.8 31.1 46.7

170 25.1 20.5 30.7



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

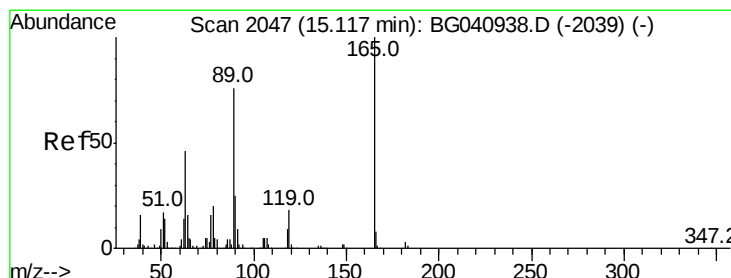
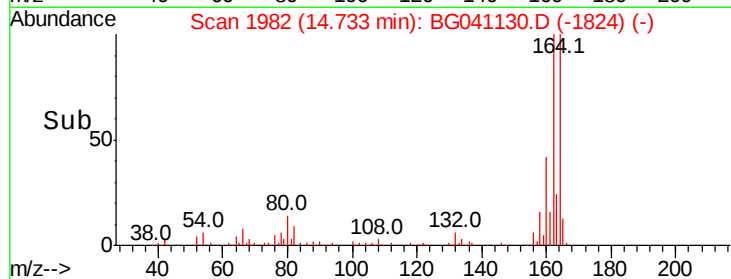
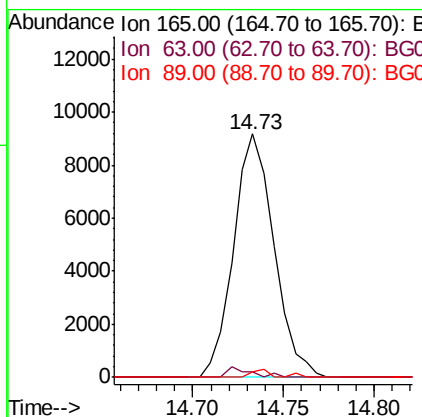
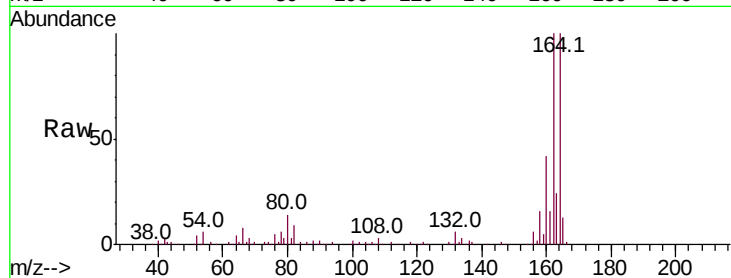




#51
 2,6-Dinitrotoluene
 Concen: 7.111 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.40 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

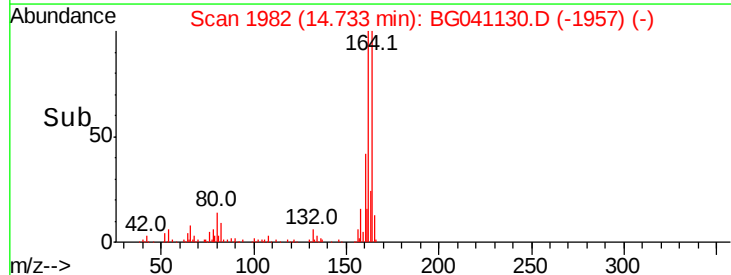
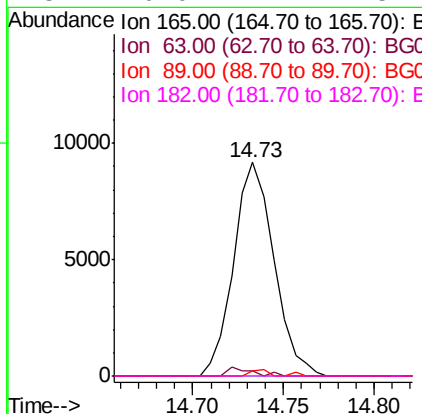
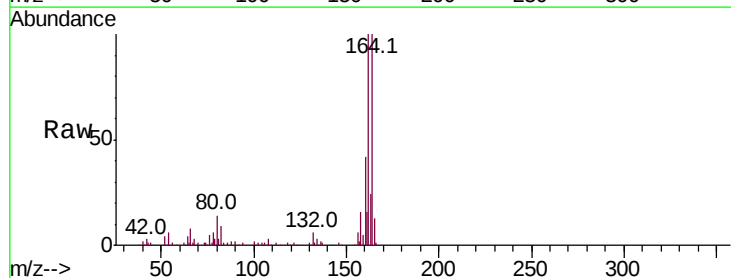
Instrument :
 BNA_G
 ClientSampleId :

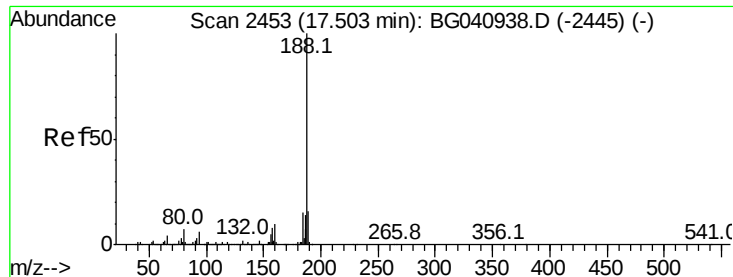
Tot Ion:165 Resp: 14212
 Ion Ratio Lower Upper
 165 100
 63 2.4 53.6 80.4#
 89 2.5 50.4 75.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.034 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.38 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Tgt Ion:165 Resp: 14212
 Ion Ratio Lower Upper
 165 100
 63 2.4 37.3 55.9#
 89 2.5 61.0 91.6#
 182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.03 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

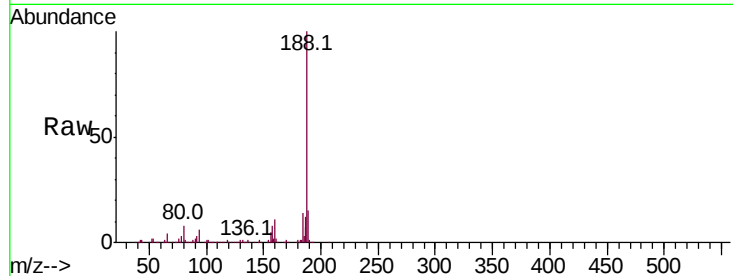
Tot Ion:188 Resp: 316879

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

80 7.8 5.8 8.8



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

250000

17.48

200000

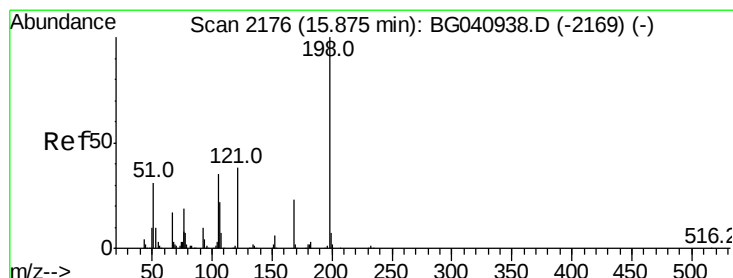
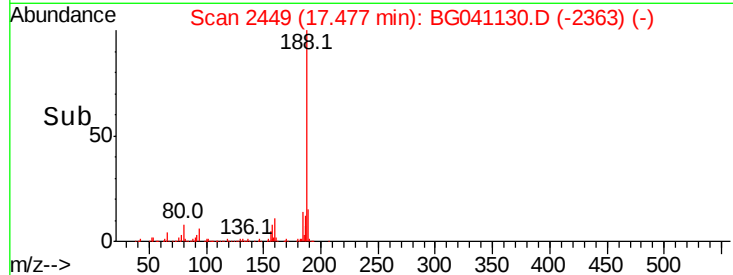
150000

100000

50000

0

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.936 ng

RT: 16.21 min Scan# 2234

Delta R.T. 0.34 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

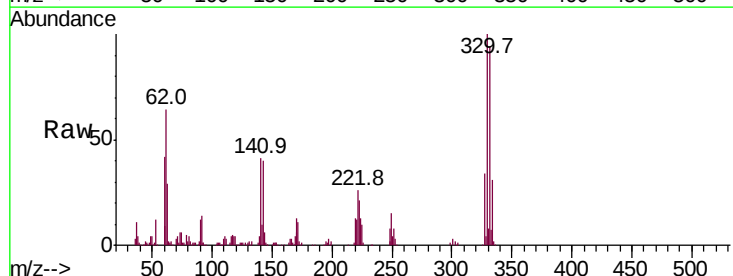
Tgt Ion:198 Resp: 716

Ion Ratio Lower Upper

198 100

51 80.9 21.6 61.6#

105 143.5 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

1000

800

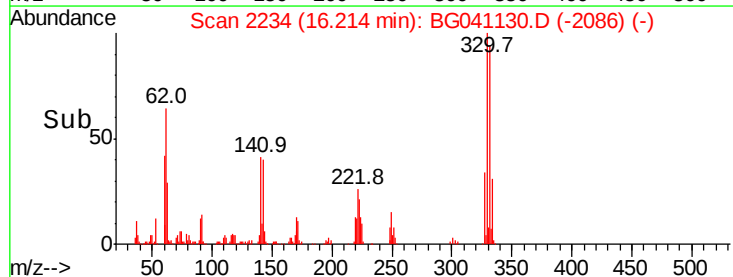
600

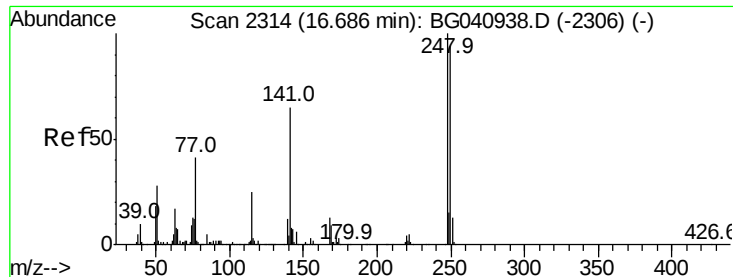
400

200

0

Time-->

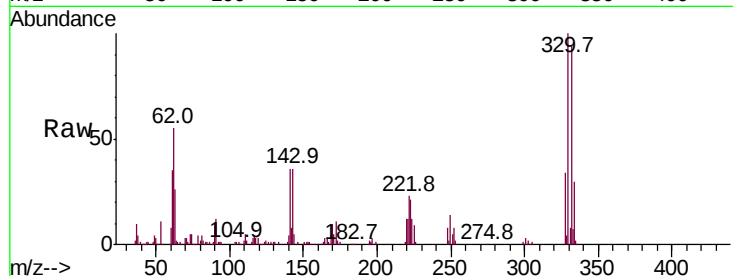




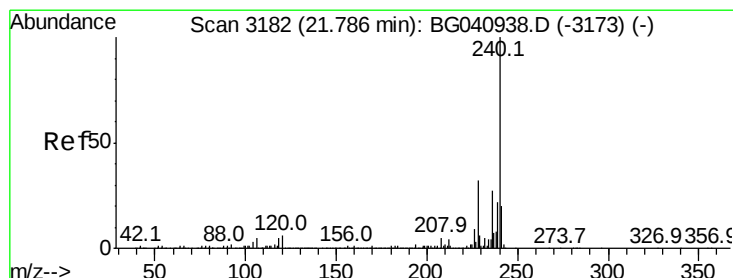
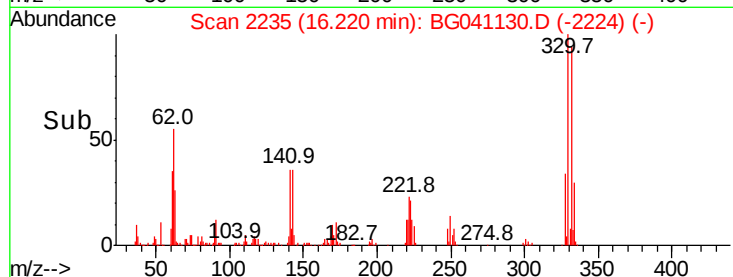
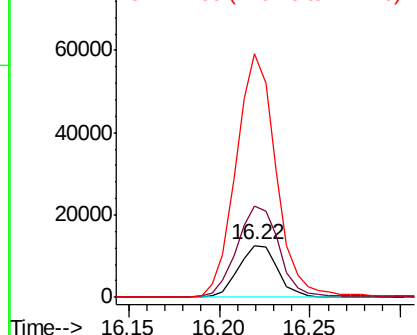
#67
 4-Bromophenyl-phenylether
 Concen: 4.424 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.47 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18920
 Ion Ratio Lower Upper
 248 100
 250 176.2 75.0 112.4#
 141 468.4 52.4 78.6#

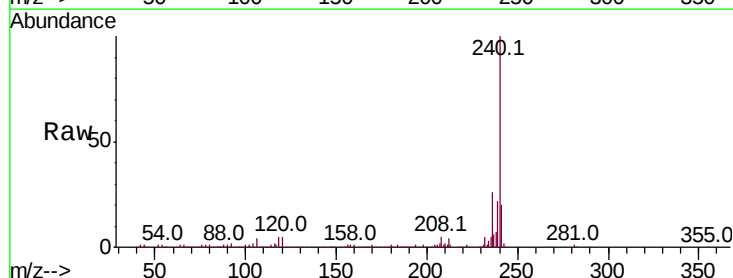


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

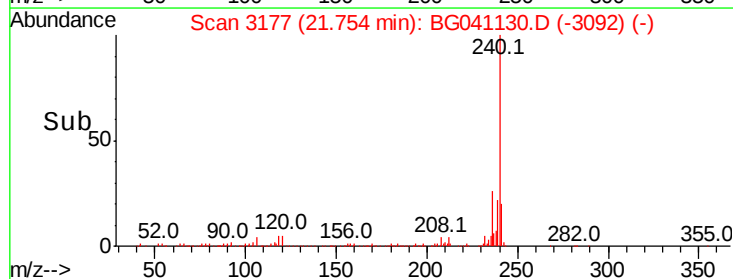
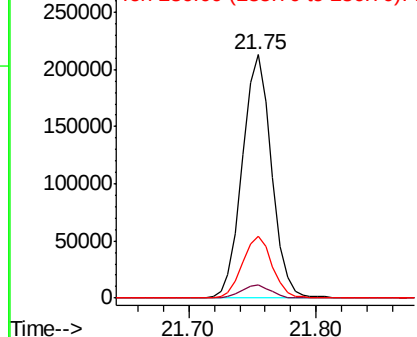


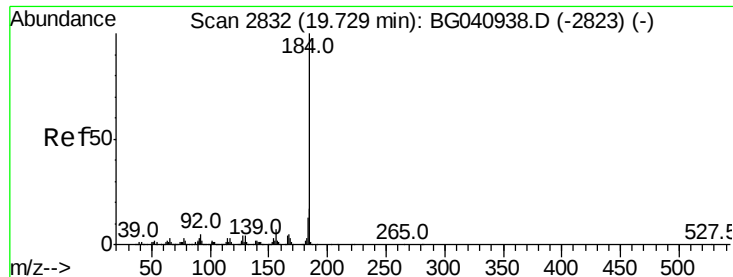
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.03 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Tgt Ion:240 Resp: 340166
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.5 6.7
 236 25.7 21.3 31.9



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





#77

Benzidine

Concen: 3.212 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.34 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

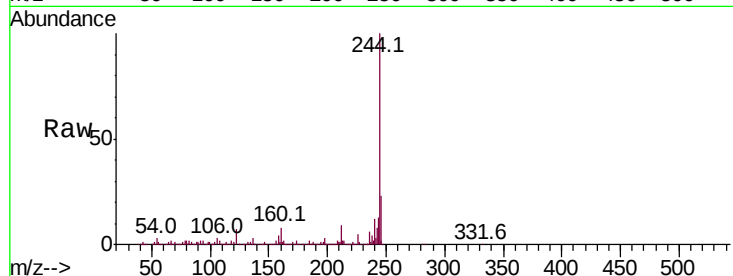
Tot Ion:184 Resp: 26066

Ion Ratio Lower Upper

184 100

185 17.4 13.3 19.9

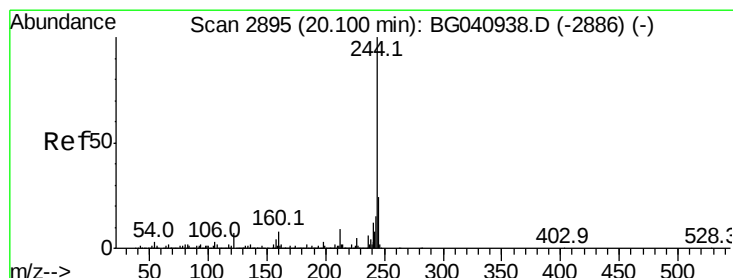
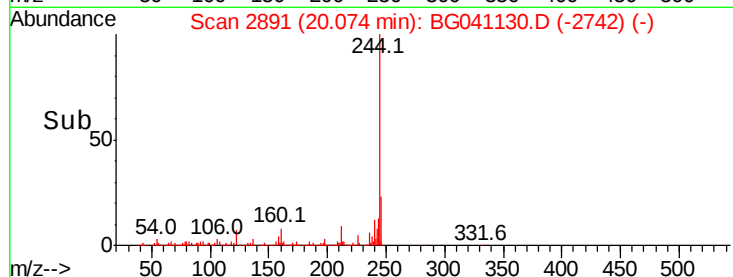
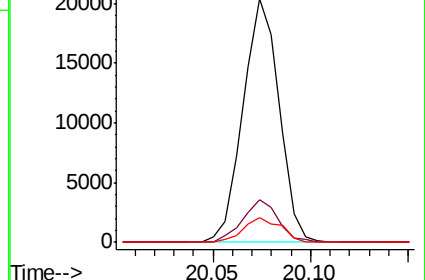
183 10.4 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 96.060 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

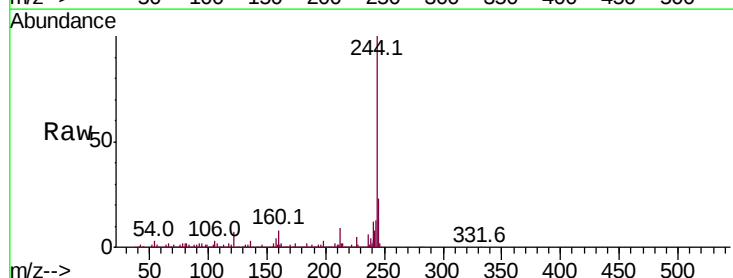
Tgt Ion:244 Resp: 1539632

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

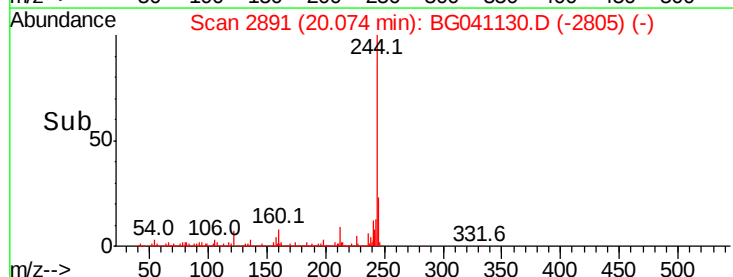
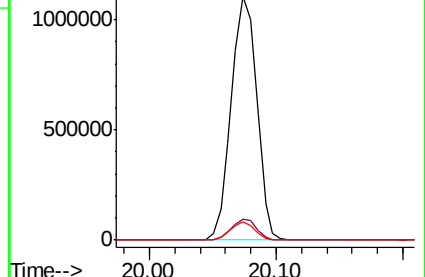
122 7.5 5.4 8.0

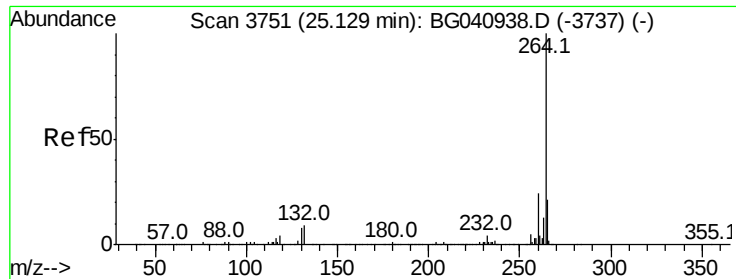


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3742
Delta R.T. -0.06 min
Lab File: BG041130.D
Acq: 8 Jun 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.1	17.0	25.4

