

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039297.D
 Acq On : 26 Jan 2019 5:11
 Operator : JU/SJ
 Sample : K1238-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1

Quant Time: Jan 28 03:16:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

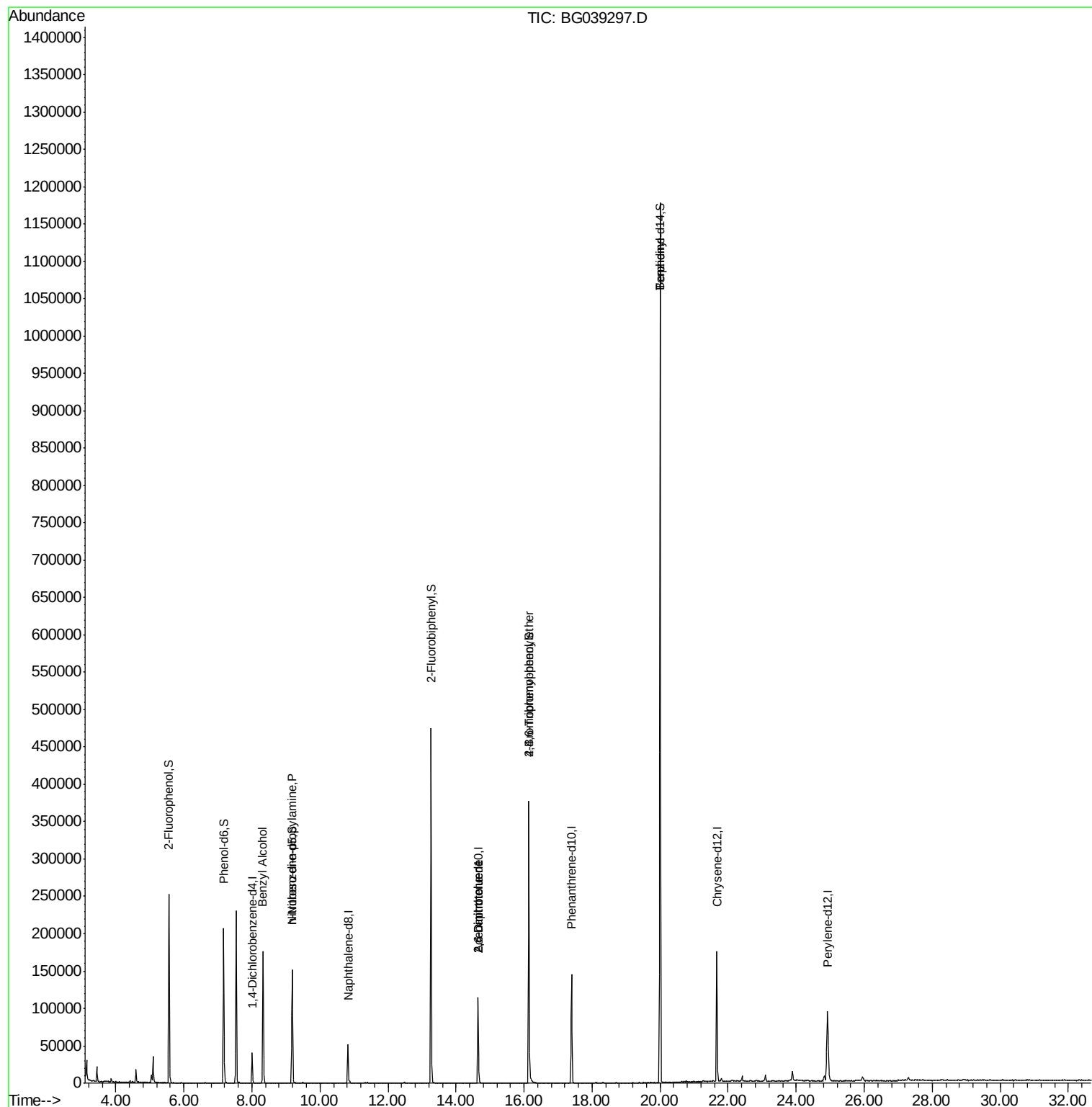
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	12682	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	50210	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43290	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	100877	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	129804	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	116503	174.27	ng	0.00
7) Phenol-d6	7.17	99	121300	126.08	ng	0.00
23) Nitrobenzene-d5	9.18	82	92005	100.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	88273	121.65	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	261619	82.71	ng	0.00
79) Terphenyl-d14	20.00	244	589098	92.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.32	79	1455	2.008	ng	# 54
19) n-Nitroso-di-n-propylamine	9.18	70	12410	19.642	ng	# 67
51) 2,6-Dinitrotoluene	14.65	165	5508	6.734	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5508	4.694	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5408	4.170	ng	# 1
77) Benzidine	20.00	184	9162	2.547	ng	# 92

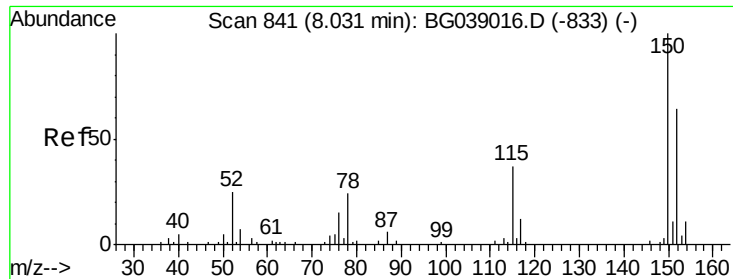
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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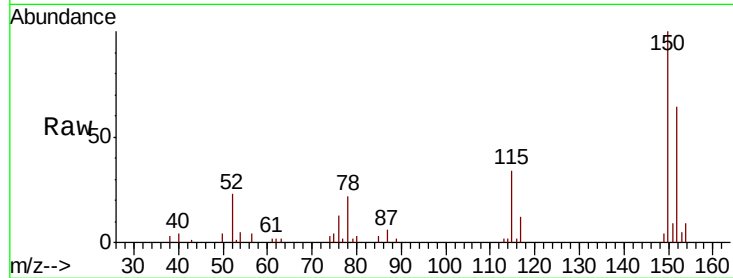


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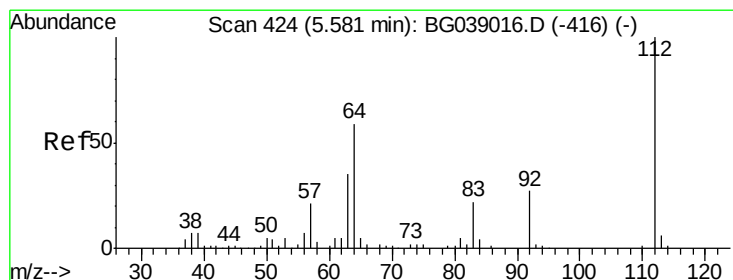
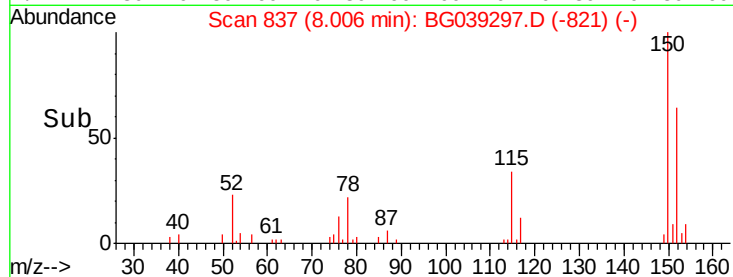
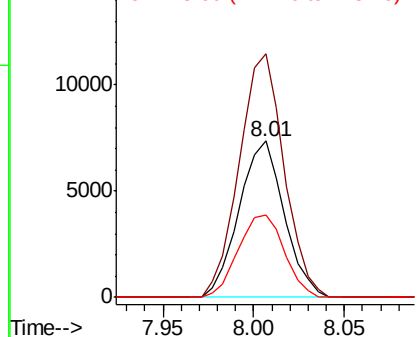
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

Instrument :
BNA_G
ClientSampled :
S1

Tgt Ion:152 Resp: 12682
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 52.5 46.5 69.7



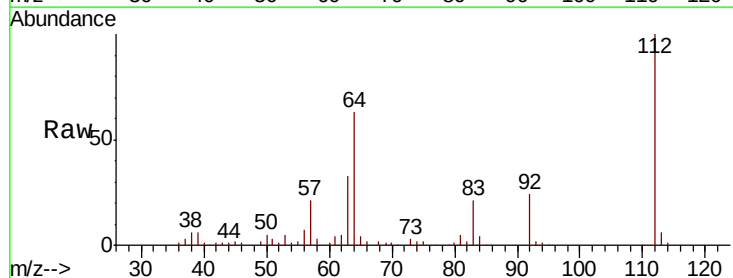
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



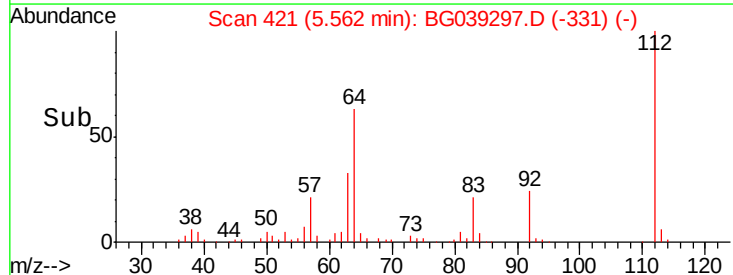
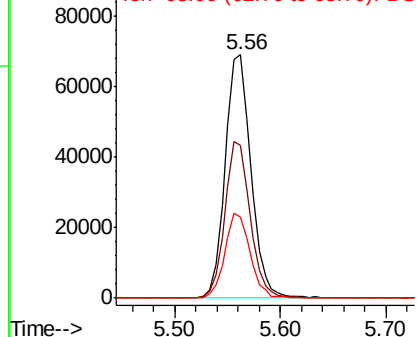
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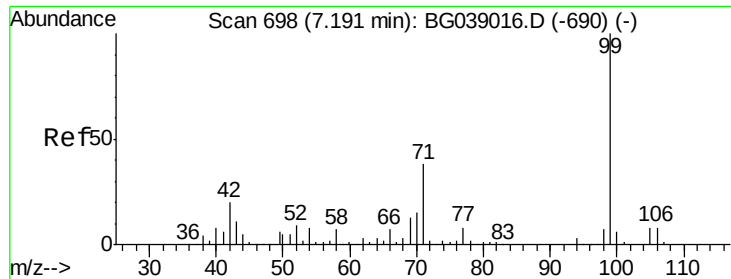
2-Fluorophenol
Concen: 174.266 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

Tgt Ion:112 Resp: 116503
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 33.3 28.0 42.0



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: 126.077 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Instrument :

BNA_G

ClientSampleId :

S1

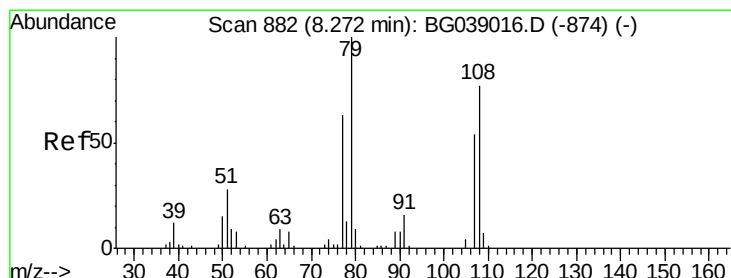
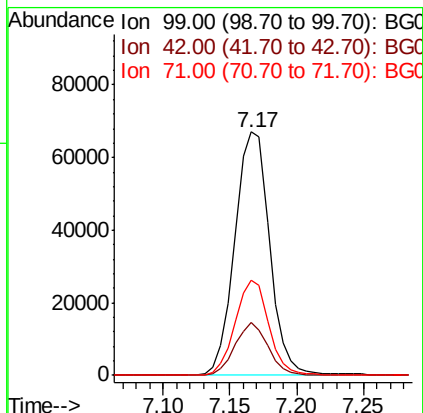
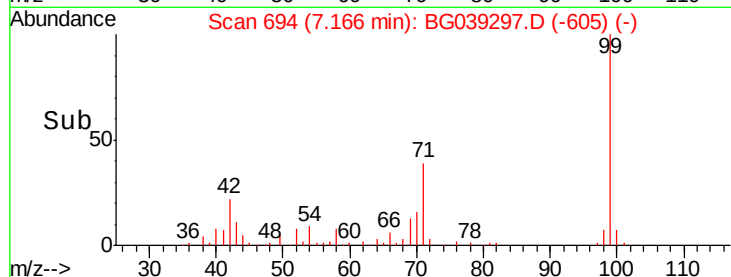
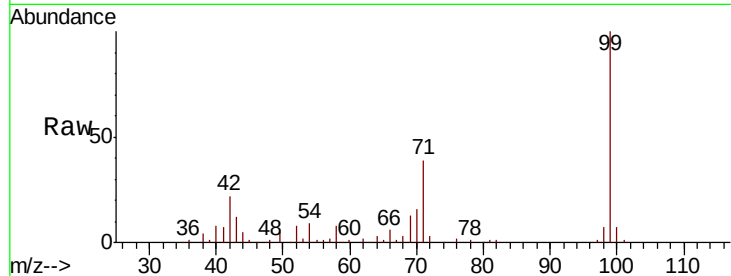
Tgt Ion: 99 Resp: 121300

Ion Ratio Lower Upper

99 100

42 21.8 15.8 23.6

71 39.0 30.2 45.4



#15

Benzyl Alcohol

Concen: 2.008 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.06 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

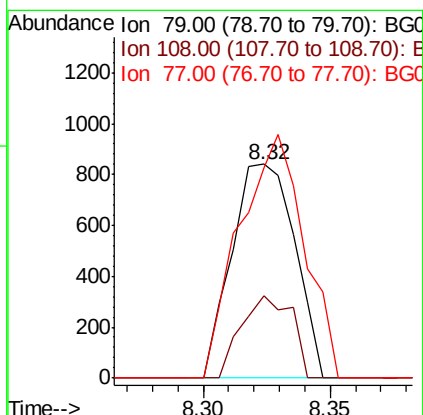
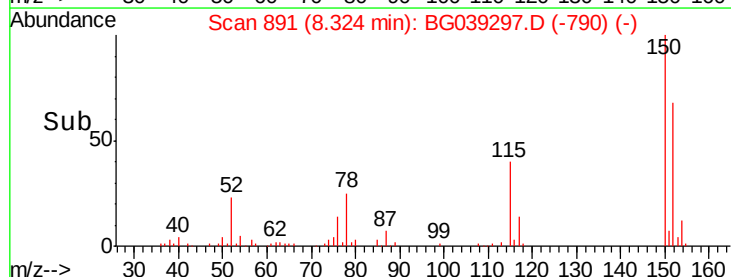
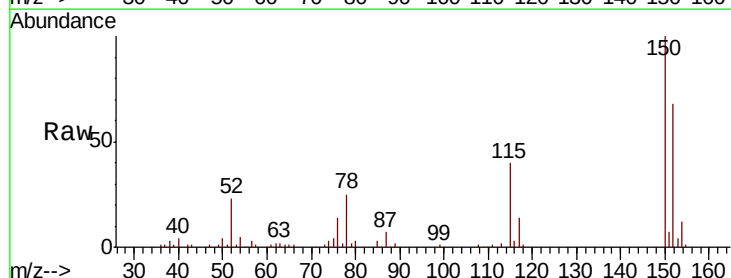
Tgt Ion: 79 Resp: 1455

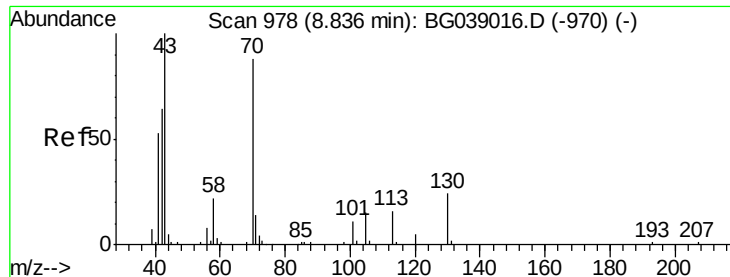
Ion Ratio Lower Upper

79 100

108 38.4 62.0 93.0#

77 98.3 50.1 75.1#

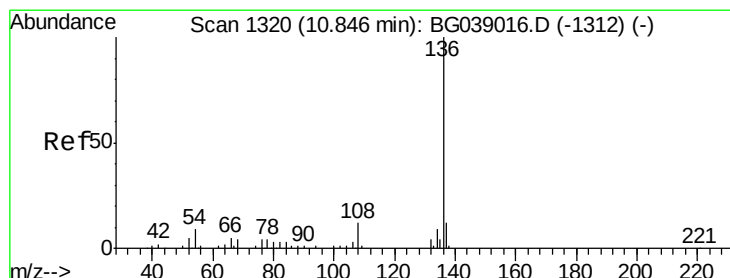
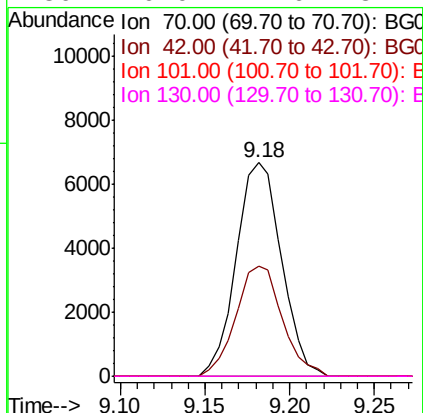
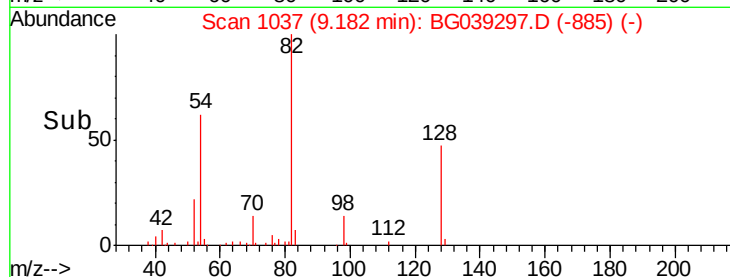
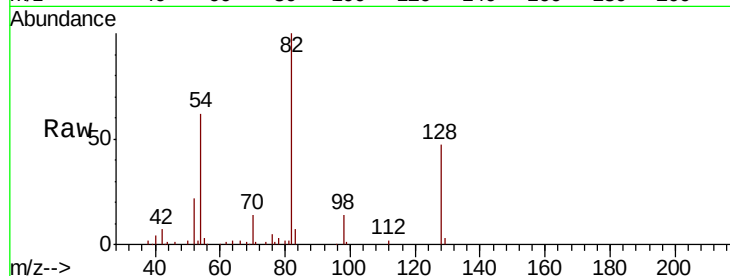




#19
n-Nitroso-di-n-propylamine
Concen: 19.642 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.36 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

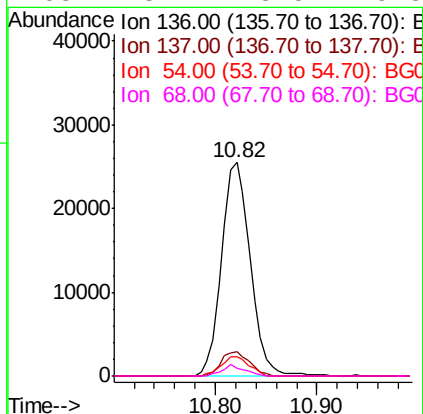
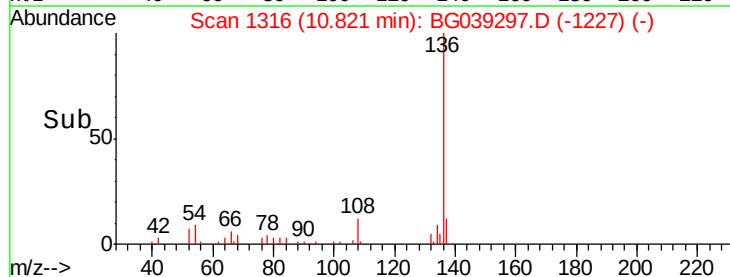
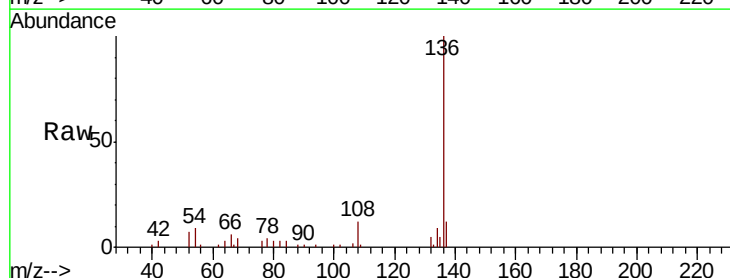
Instrument :
BNA_G
ClientSampled :
S1

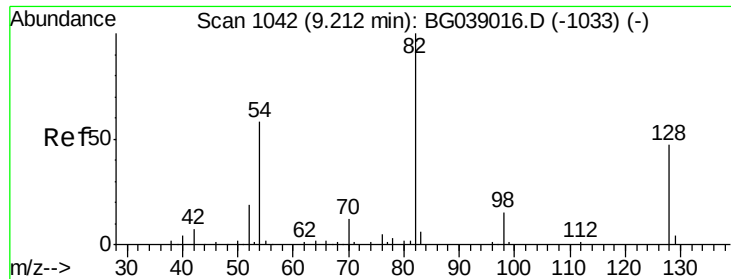
Tgt Ion: 70 Resp: 12410
Ion Ratio Lower Upper
70 100
42 51.8 59.0 88.4#
101 0.0 10.4 15.6#
130 0.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

Tgt Ion: 136 Resp: 50210
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 8.9 7.2 10.8
68 3.7 3.5 5.3

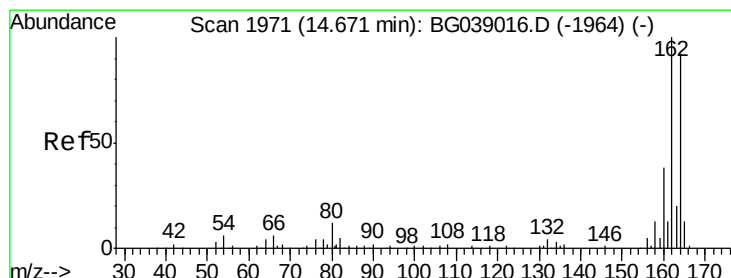
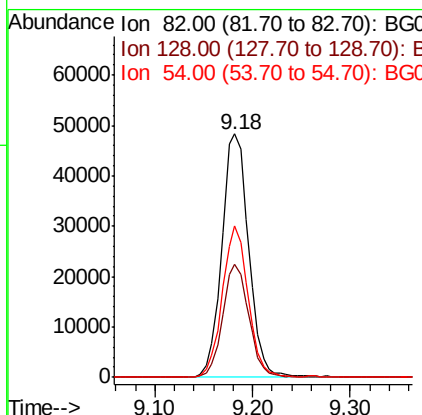
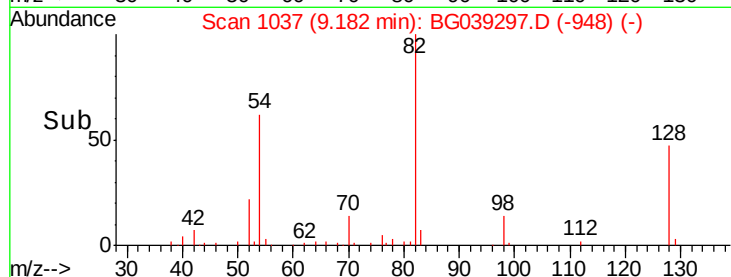
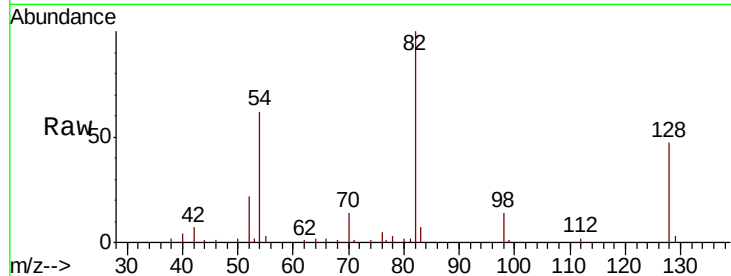




#23
 Nitrobenzene-d5
 Concen: 100.268 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

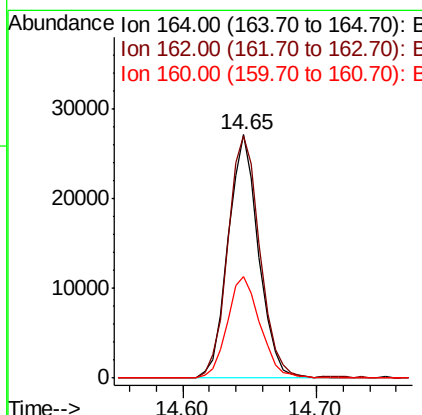
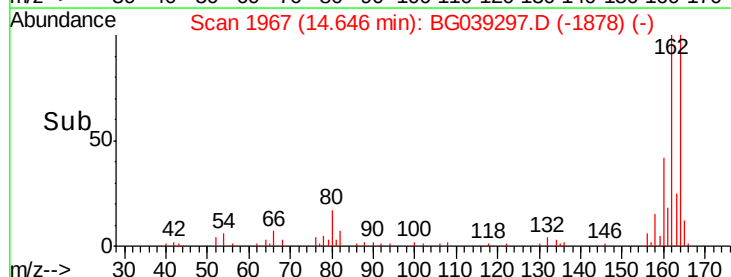
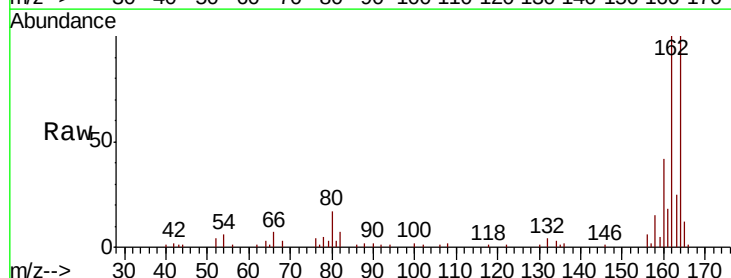
Instrument :
 BNA_G
 ClientSampled :
 S1

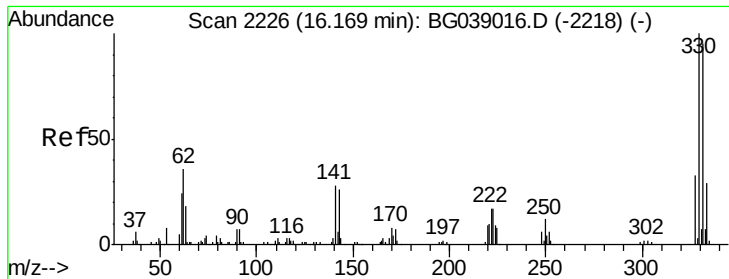
Tgt Ion: 82 Resp: 92005
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.3 55.9
 54 62.4 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion: 164 Resp: 43290
 Ion Ratio Lower Upper
 164 100
 162 99.8 87.2 130.8
 160 41.8 33.3 49.9

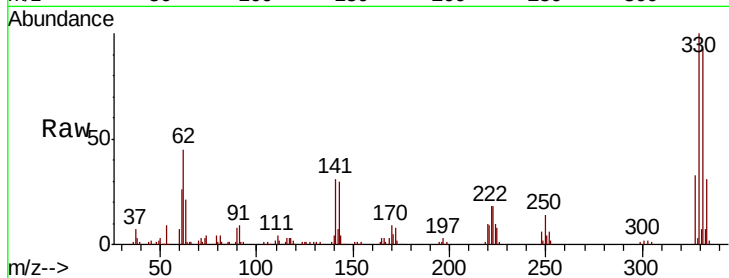




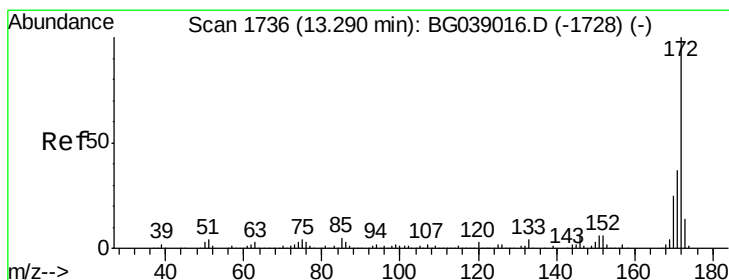
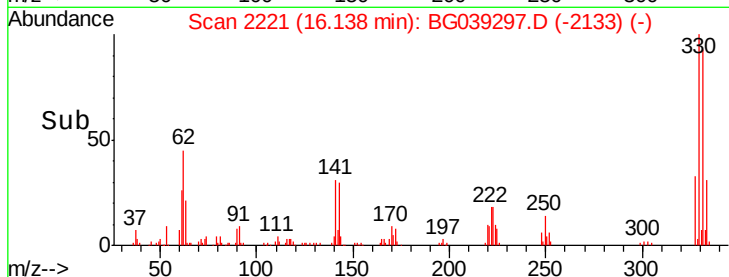
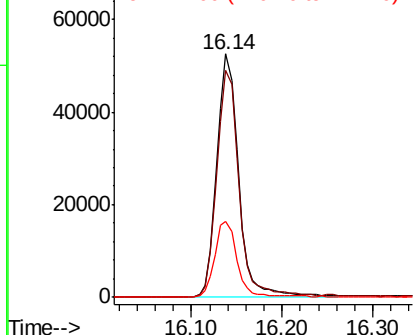
#42
 2,4,6-Tribromophenol
 Concen: 121.645 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Instrument :
 BNA_G
 ClientSampleId :
 S1

Tgt Ion:330 Resp: 88273
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.7 113.5
 141 32.0 24.9 37.3

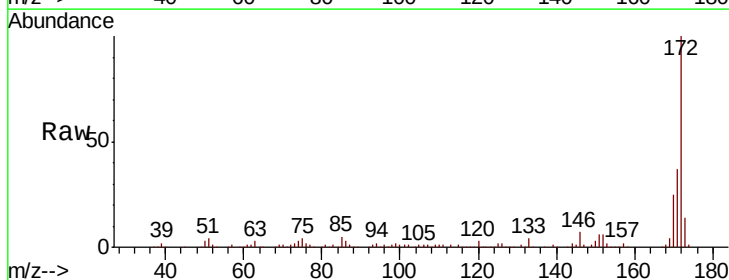


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

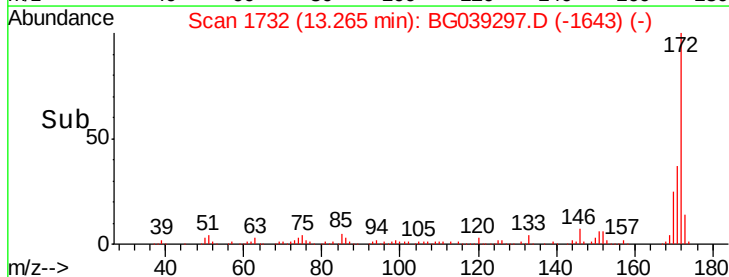
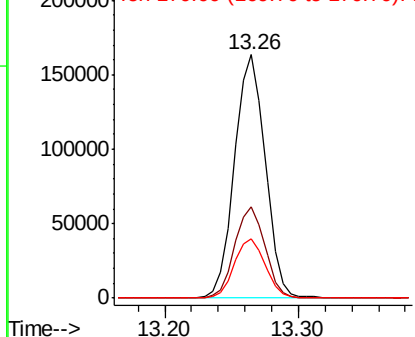


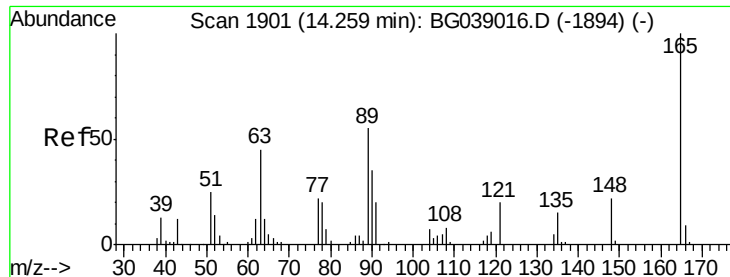
#45
 2-Fluorobiphenyl
 Concen: 82.708 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion:172 Resp: 261619
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 24.5 20.1 30.1



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

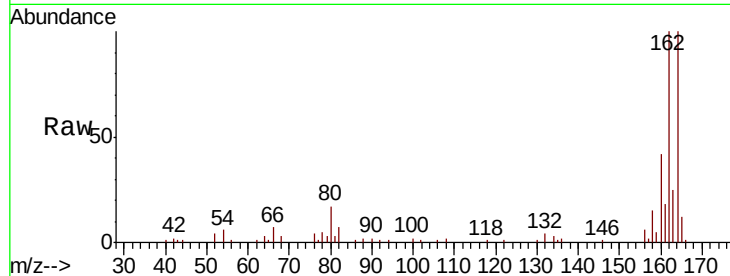




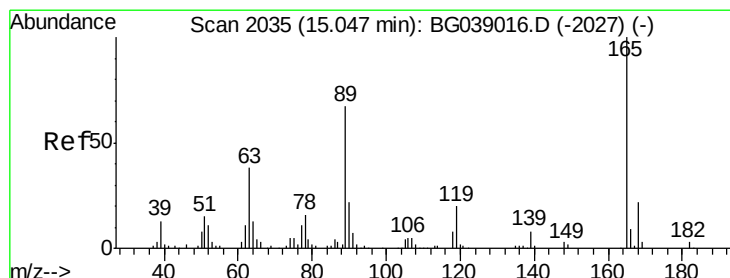
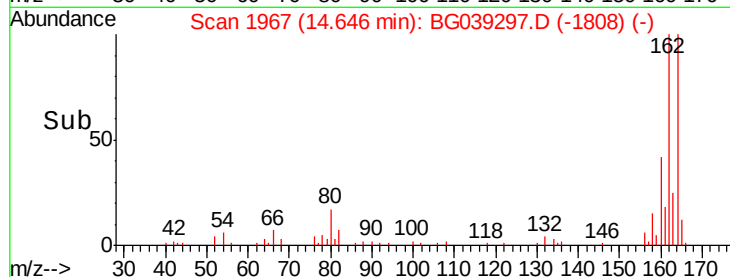
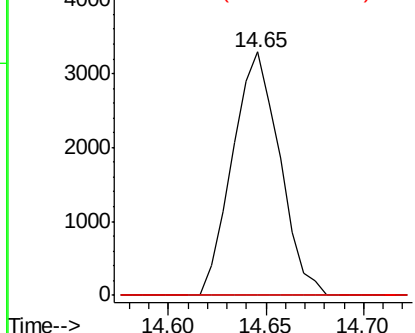
#51
 2,6-Dinitrotoluene
 Concen: 6.734 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Instrument :
 BNA_G
 ClientSampleId :
 S1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



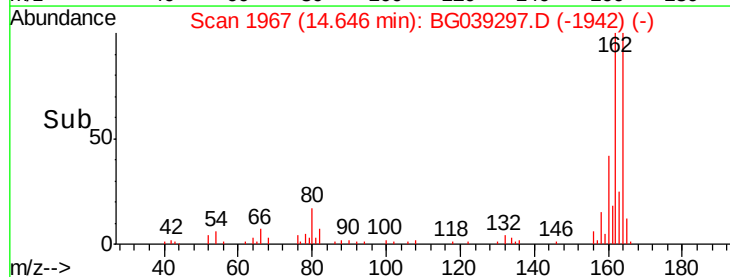
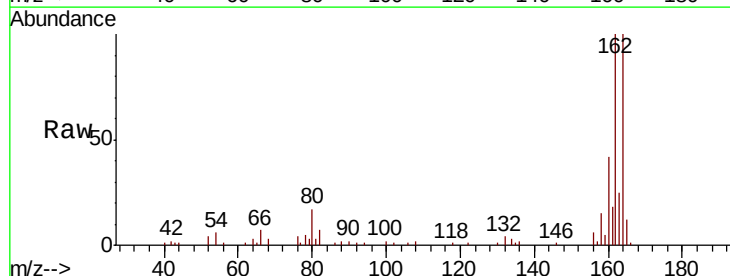
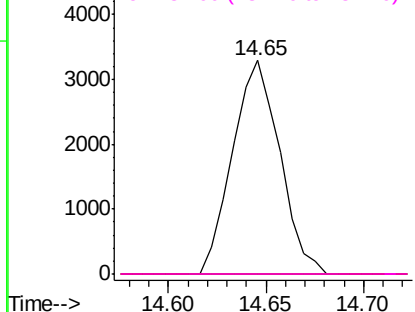
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

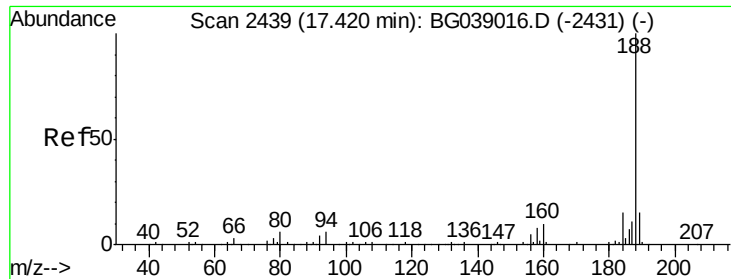


#57
 2,4-Dinitrotoluene
 Concen: 4.694 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.38 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

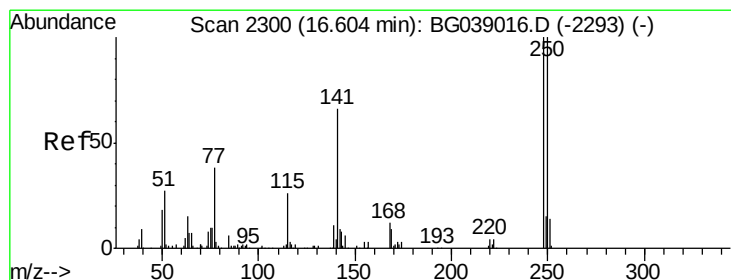
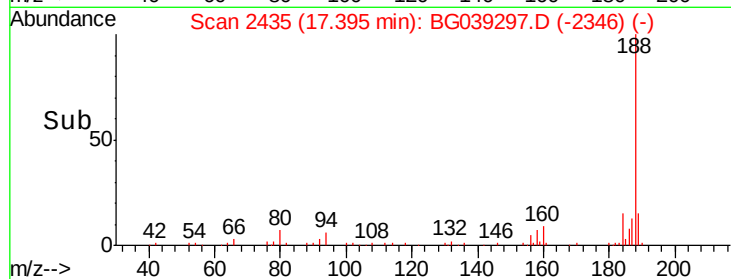
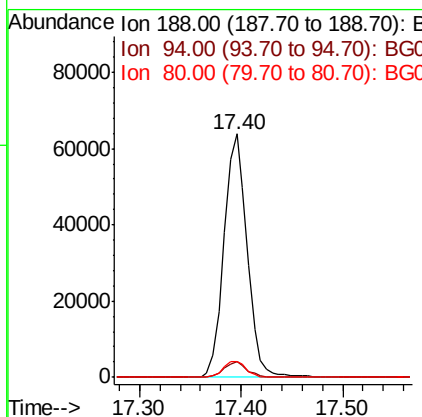
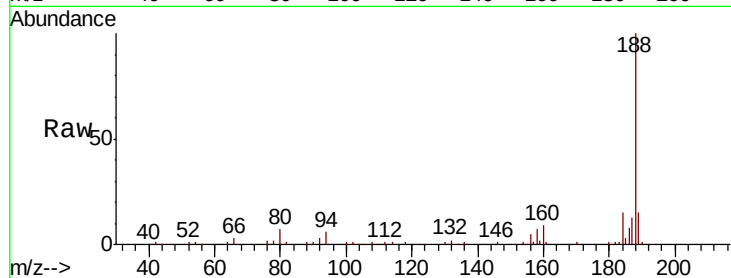




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

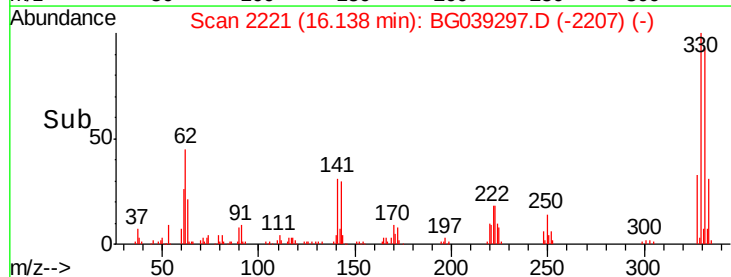
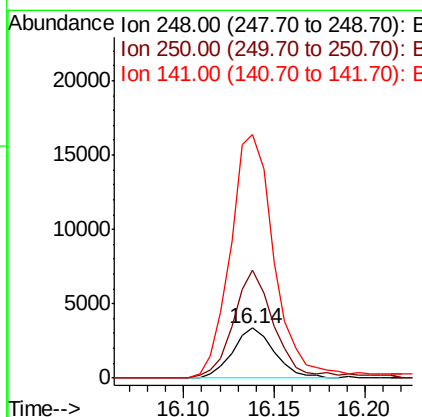
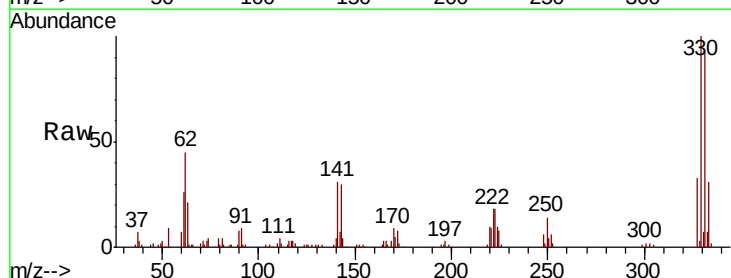
Instrument :
 BNA_G
 ClientSampleId :
 S1

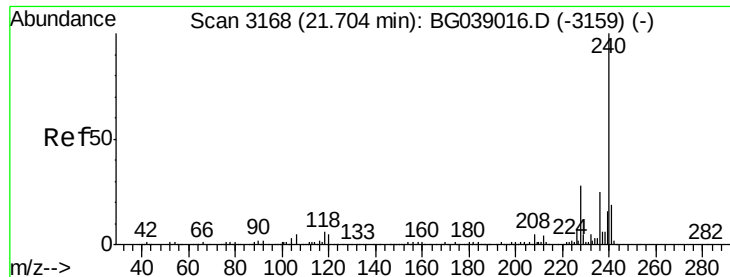
Tgt Ion:188 Resp: 100877
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.0 7.4
 80 6.7 4.7 7.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.170 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion:248 Resp: 5408
 Ion Ratio Lower Upper
 248 100
 250 216.1 79.9 119.9#
 141 375.8 52.7 79.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Instrument :

BNA_G

ClientSampleId :

S1

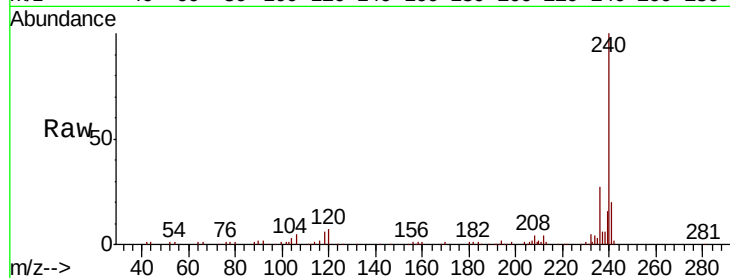
Tgt Ion:240 Resp: 117621

Ion Ratio Lower Upper

240 100

120 7.1 4.3 6.5#

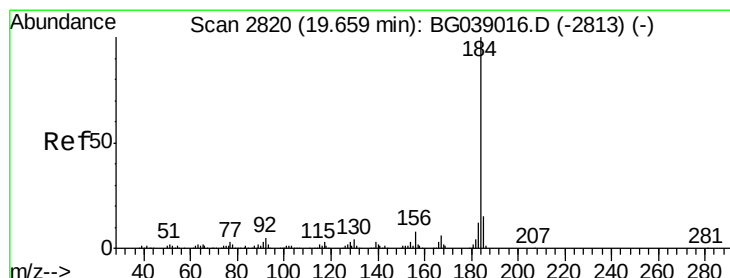
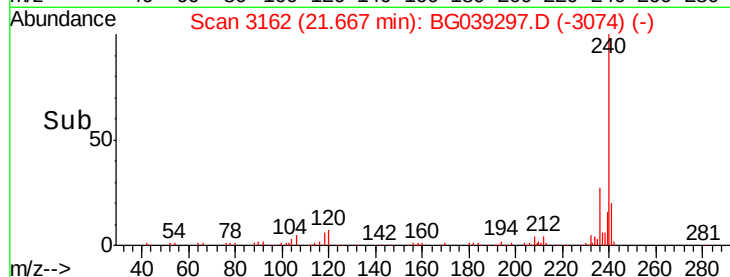
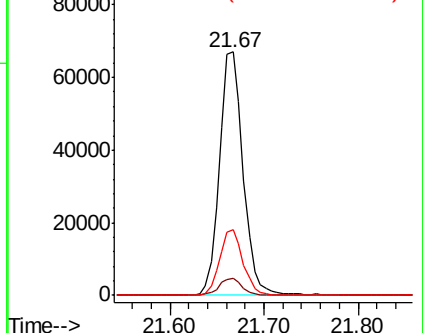
236 26.9 20.1 30.1



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: 2.547 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.36 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

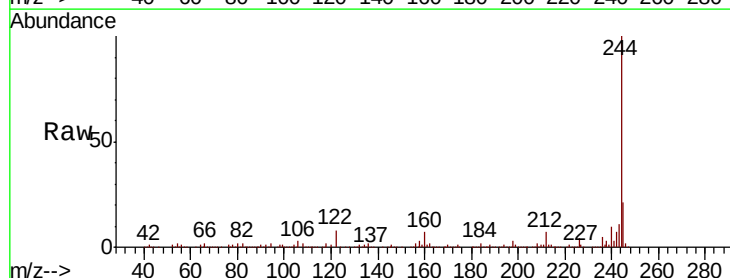
Tgt Ion:184 Resp: 9162

Ion Ratio Lower Upper

184 100

185 17.1 12.1 18.1

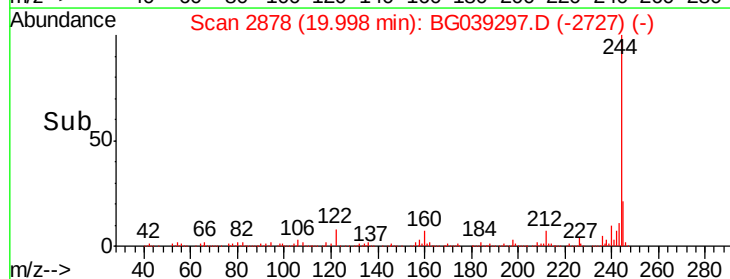
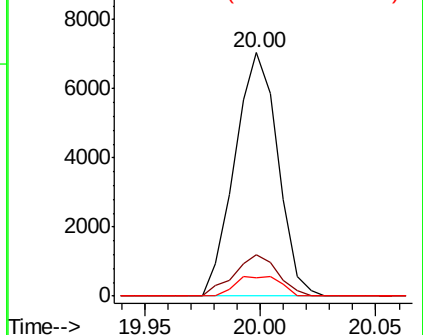
183 7.3 9.5 14.3#

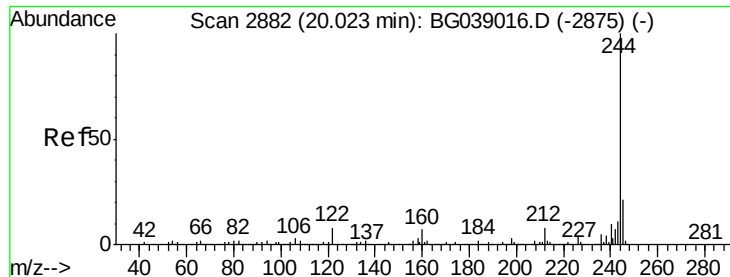


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.651 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Instrument :

BNA_G

ClientSampleId :

S1

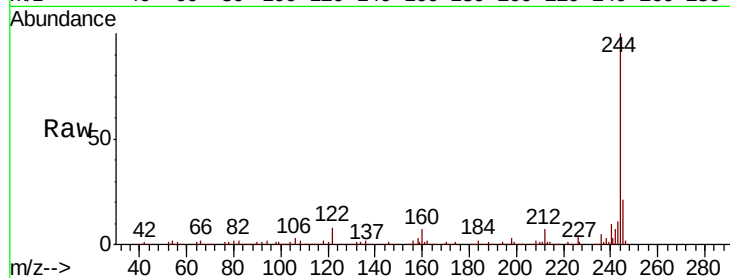
Tgt Ion:244 Resp: 589098

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

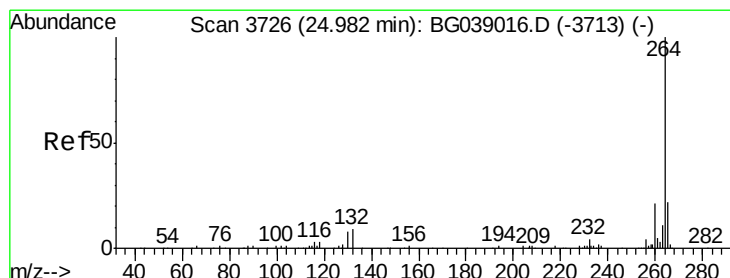
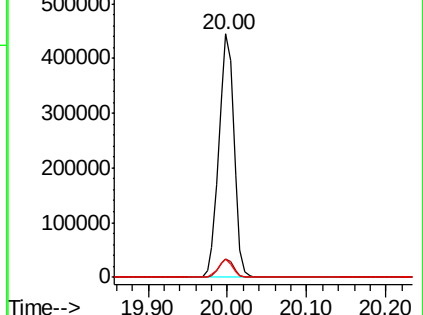
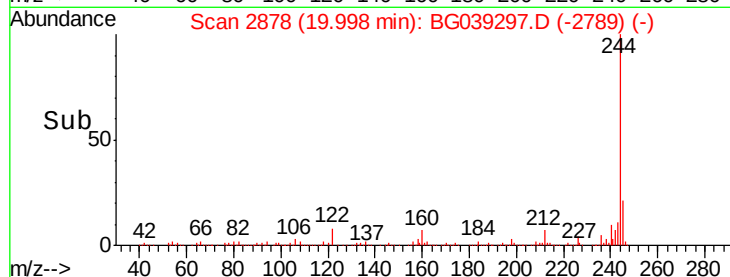
122 7.7 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

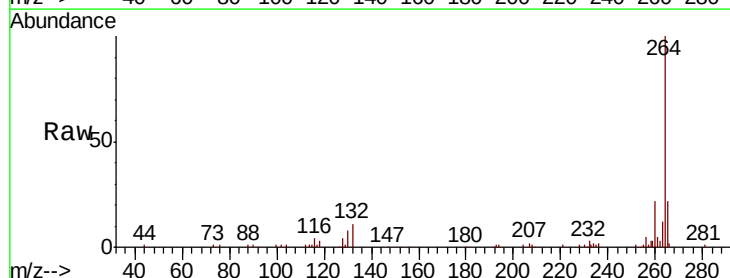
Tgt Ion:264 Resp: 129804

Ion Ratio Lower Upper

264 100

260 21.6 17.0 25.6

265 21.8 17.2 25.8



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

