

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039621.D
 Acq On : 27 Feb 2019 5:18
 Operator : JU/SJ
 Sample : K1595-04RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 27 06:36:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

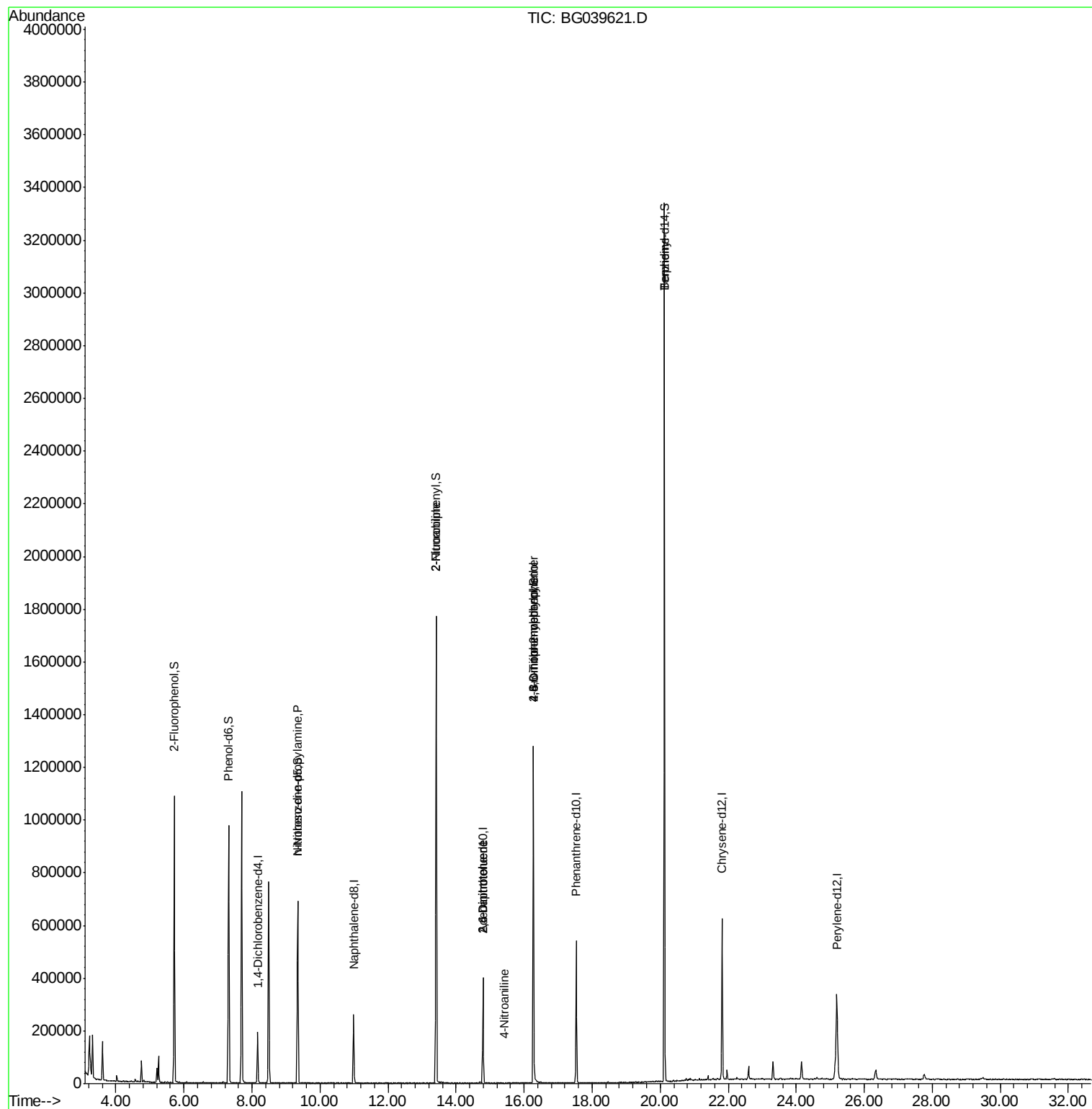
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55184	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	223802	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141001	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	339764	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	377579	20.00	ng	-0.03
87) Perylene-d12	25.19	264	373024	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	441593	136.96	ng	0.00
7) Phenol-d6	7.31	99	565409	119.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	410096	114.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233190	153.58	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	951872	96.84	ng	-0.02
79) Terphenyl-d14	20.12	244	1537182	86.17	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.31	77	943	Below Cal		Qvalue # 17
19) n-Nitroso-di-n-propylamine	9.34	70	54961	16.316 ng	#	68
48) 2-Nitroaniline	13.42	65	1641	8.832 ng	#	1
51) 2,6-Dinitrotoluene	14.79	165	18463	14.049 ng	#	26
57) 2,4-Dinitrotoluene	14.79	165	18463	13.493 ng	#	21
62) 4-Nitroaniline	15.42	138	55	4.224 ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	869	4.995 ng	#	1
67) 4-Bromophenyl-phenylether	16.27	248	18533	4.917 ng	#	1
77) Benzydine	20.12	184	28161	2.275 ng	#	94

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

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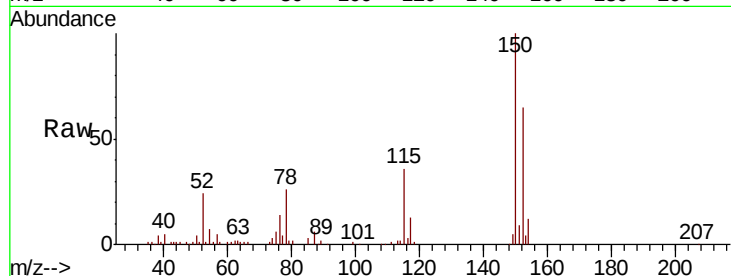


#1

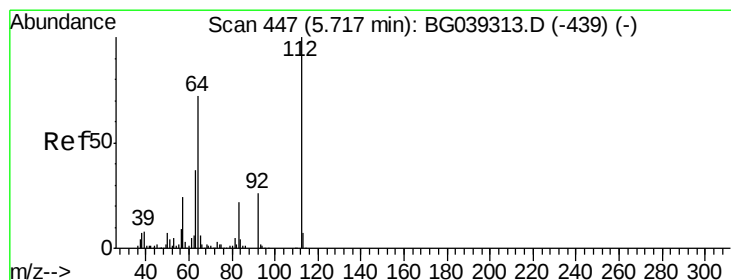
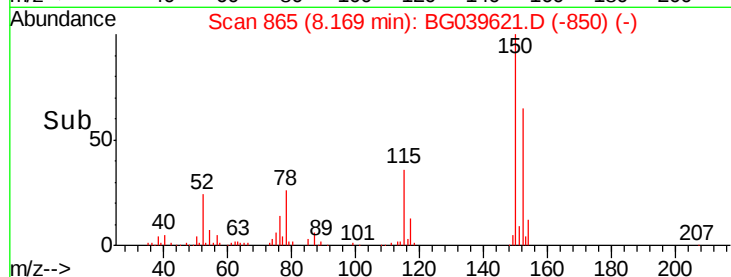
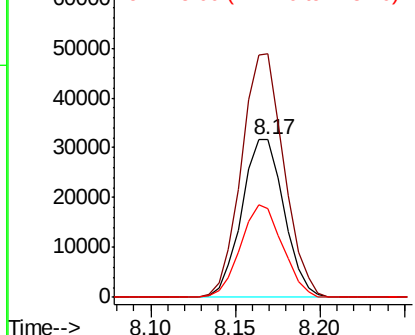
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

Tgt Ion:152 Resp: 55184
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 56.4 45.9 68.9



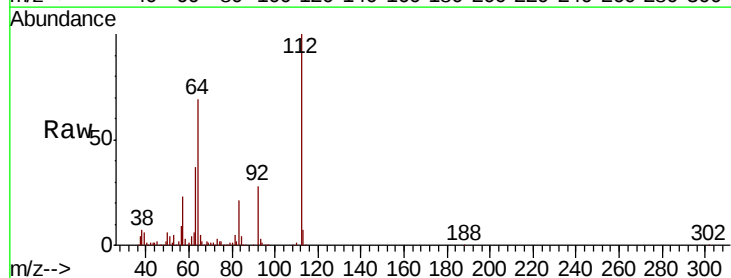
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



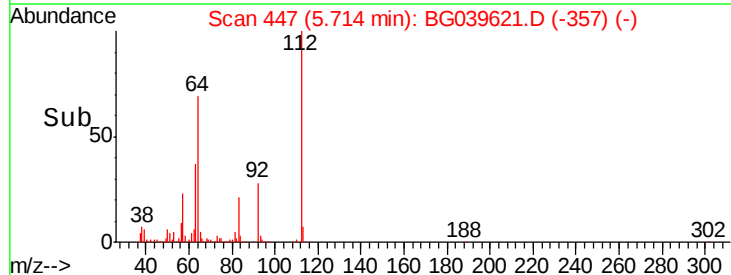
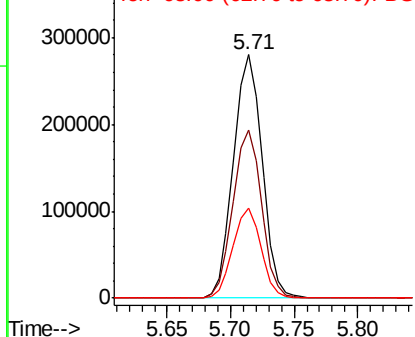
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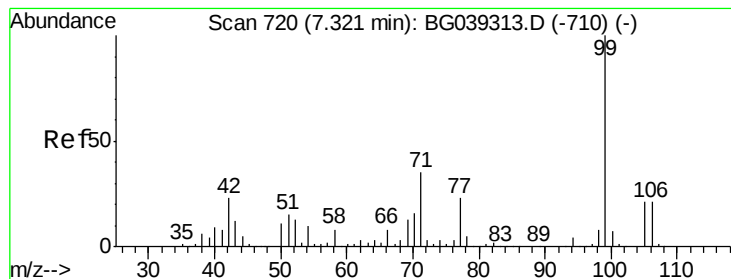
2-Fluorophenol
Concen: 136.958 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion:112 Resp: 441593
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.8 29.8 44.6



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: 119.132 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Instrument :

BNA_G

ClientSampleId :

TP-CBF-B11

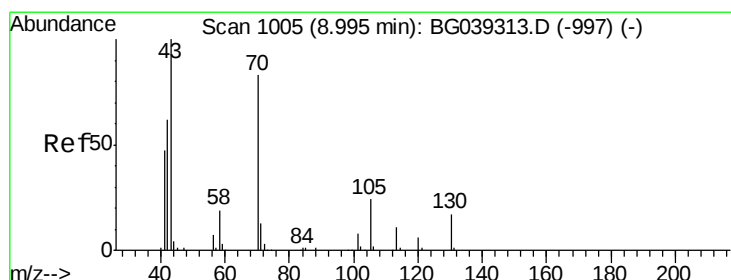
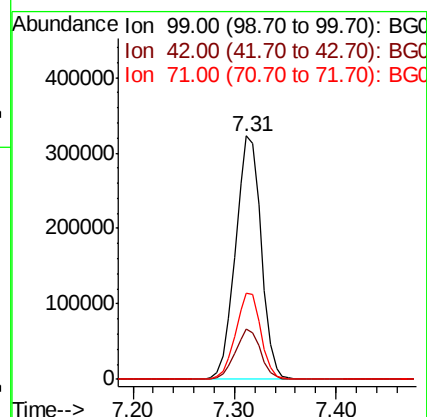
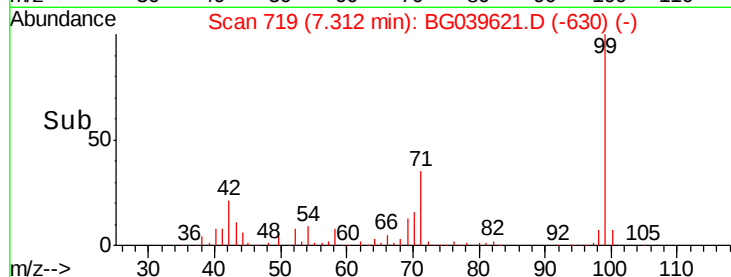
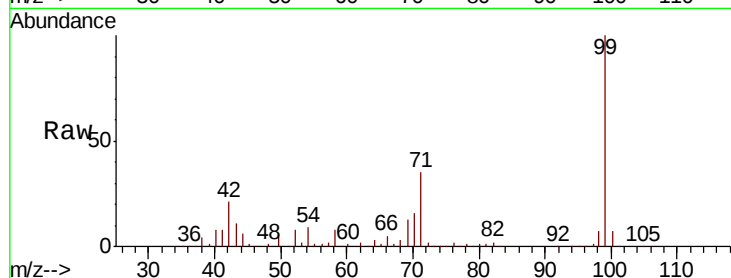
Tgt Ion: 99 Resp: 565409

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 35.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.316 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Tgt Ion: 70 Resp: 54961

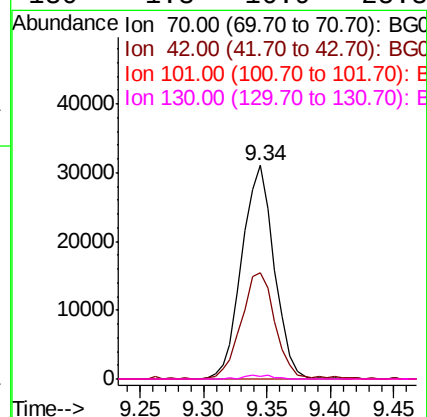
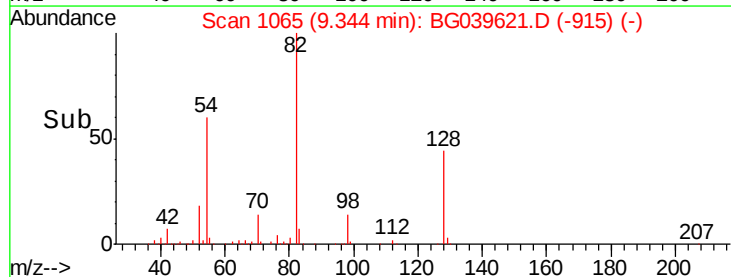
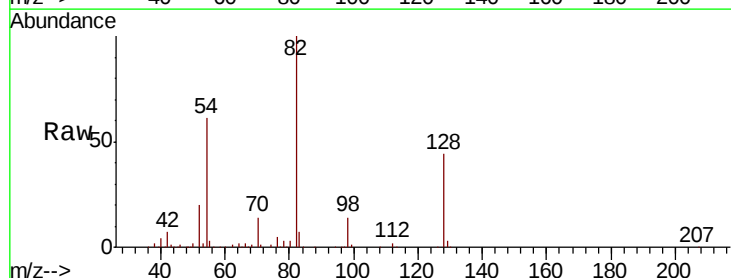
Ion Ratio Lower Upper

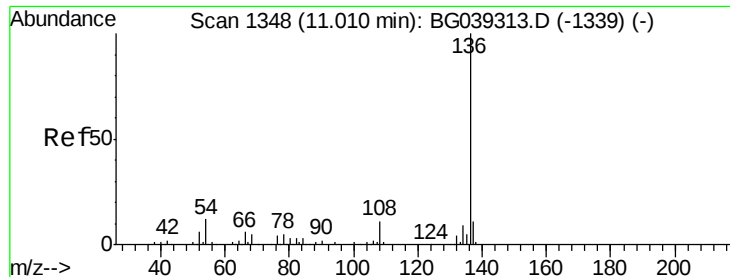
70 100

42 49.7 60.4 90.6#

101 0.0 7.5 11.3#

130 1.3 16.9 25.3#

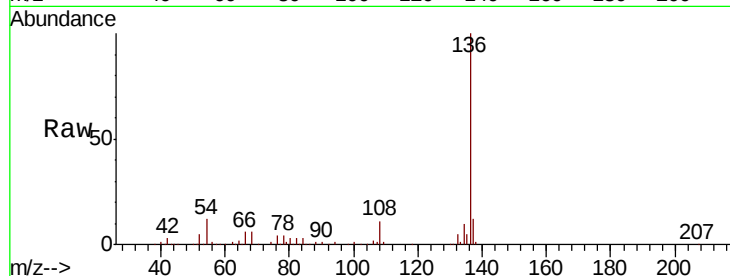




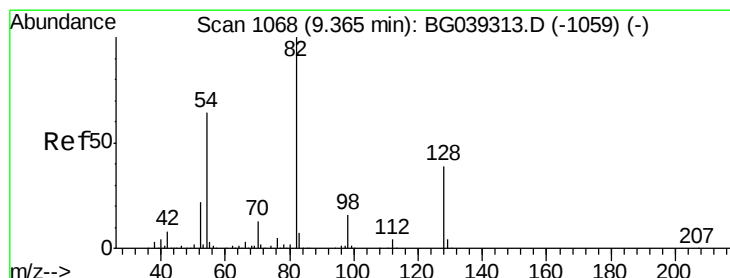
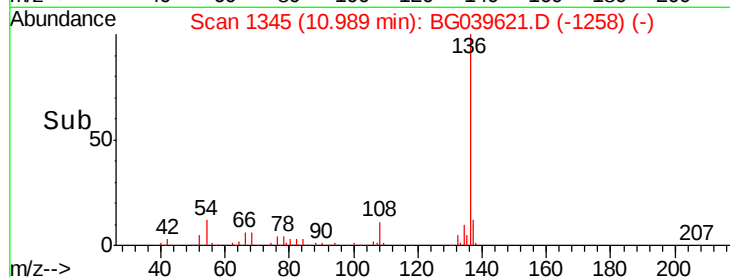
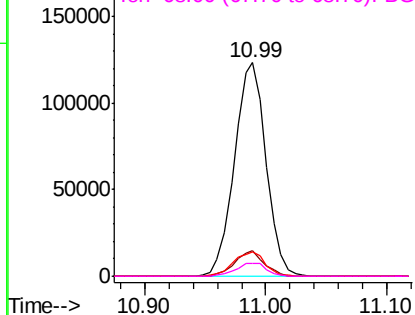
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

Tgt Ion:	136	Resp:	223802
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	11.7	9.4	14.2
68	6.2	4.2	6.4

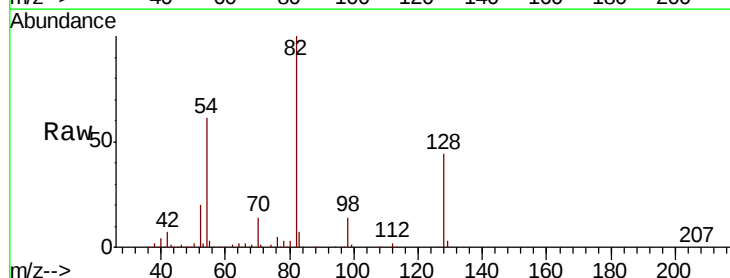


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

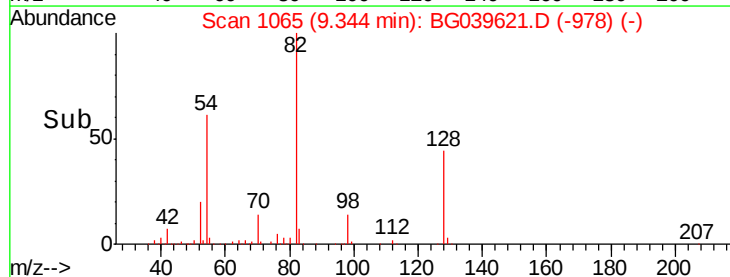
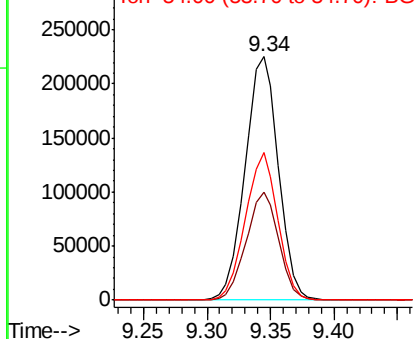


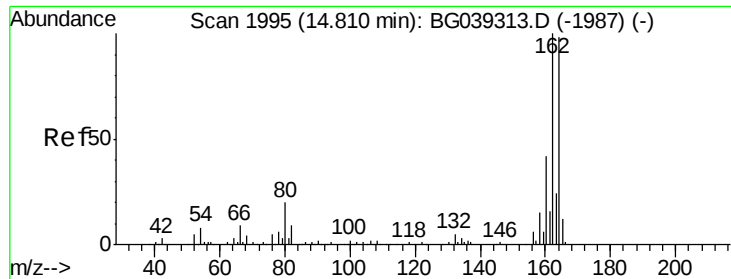
#23
Nitrobenzene-d5
Concen: 114.473 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion:	82	Resp:	410096
Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	60.7	50.9	76.3



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

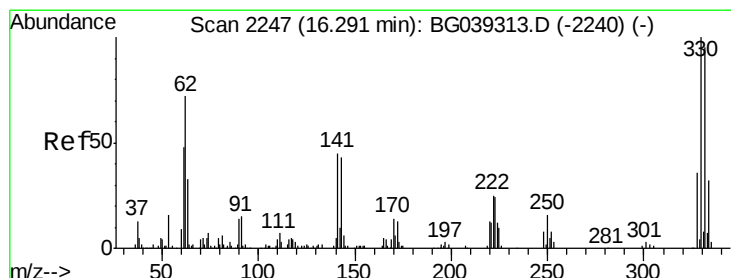
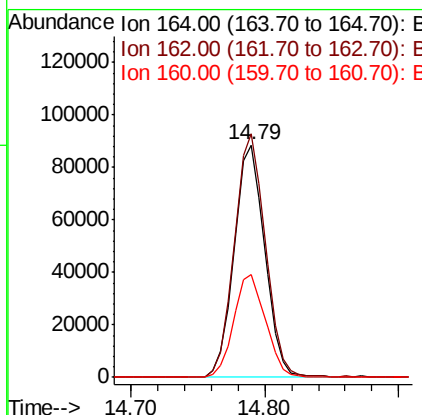
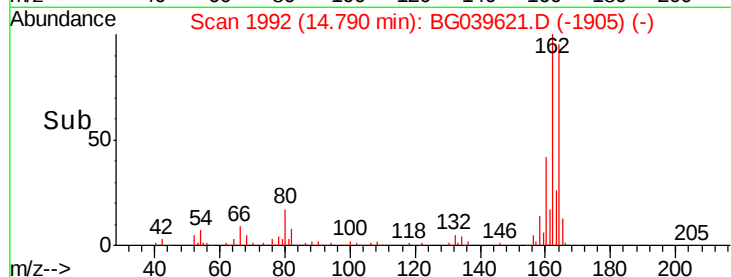
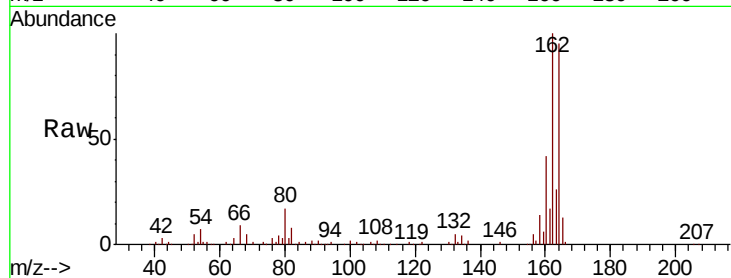




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

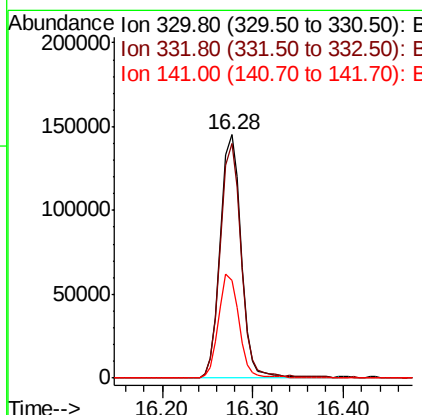
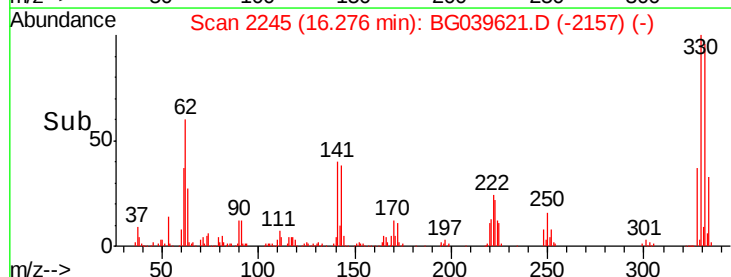
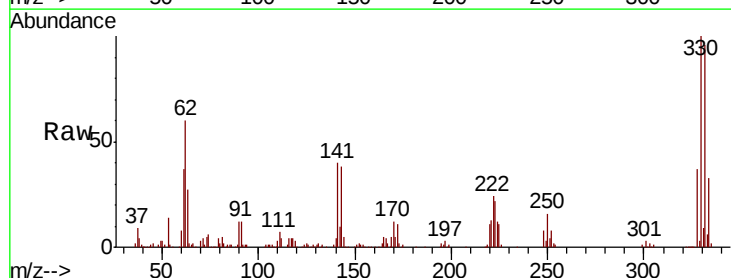
Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 141001
Ion Ratio Lower Upper
164 100
162 104.8 81.6 122.4
160 44.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 153.582 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion:330 Resp: 233190
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 41.9 35.6 53.4

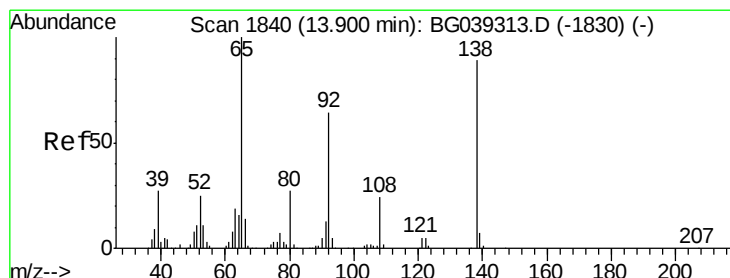
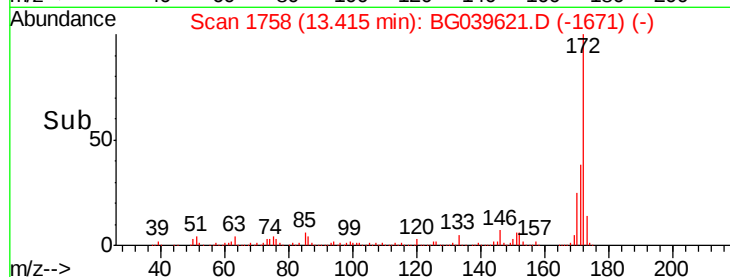
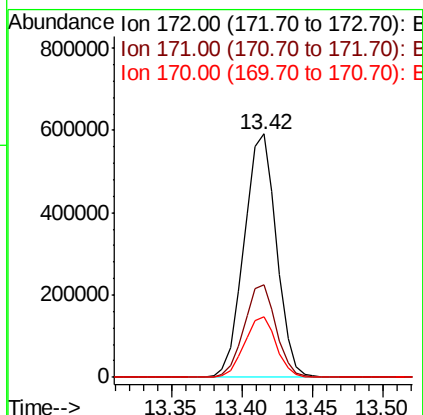
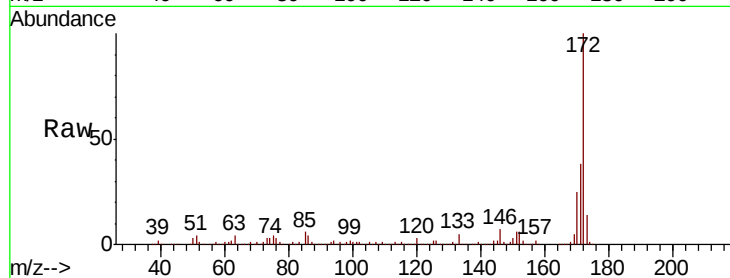




#45
2-Fluorobiphenyl
Concen: 96.844 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

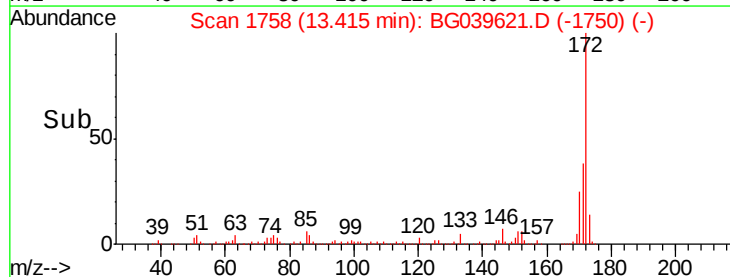
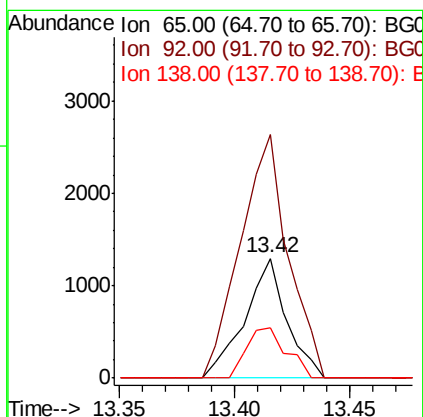
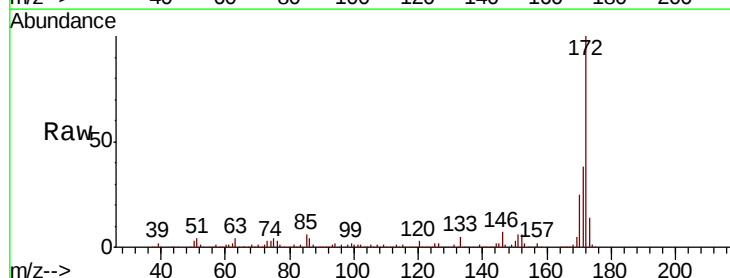
Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

Tgt Ion: 172 Resp: 951872
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 24.7 20.2 30.4



#48
2-Nitroaniline
Concen: 8.832 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion: 65 Resp: 1641
Ion Ratio Lower Upper
65 100
92 203.8 51.4 77.2#
138 42.0 71.4 107.2#

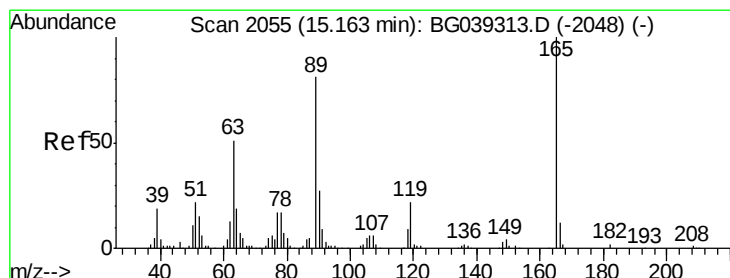
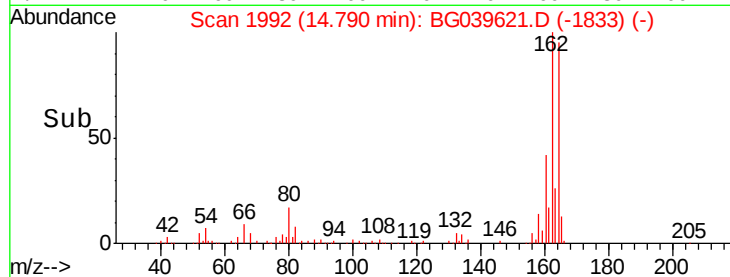
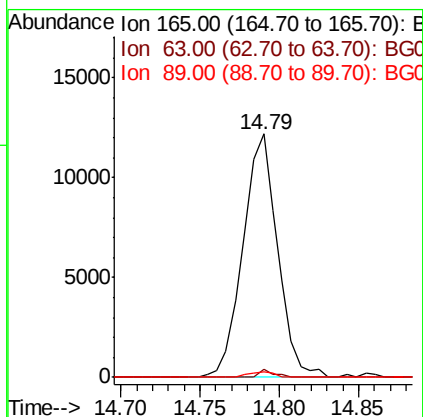
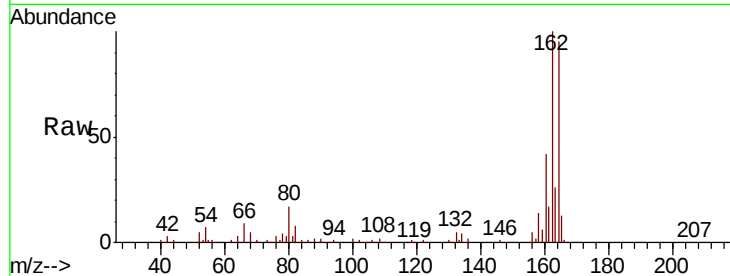




#51
 2,6-Dinitrotoluene
 Concen: 14.049 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.40 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

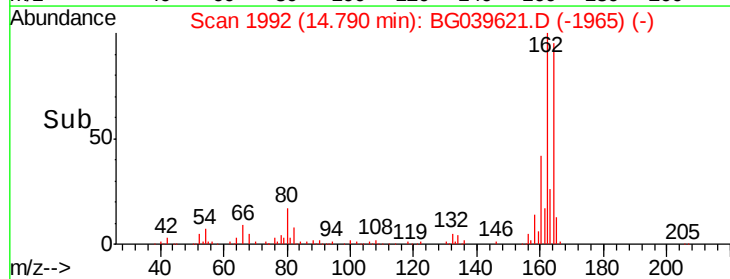
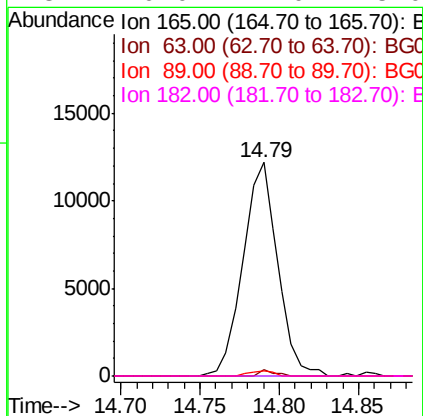
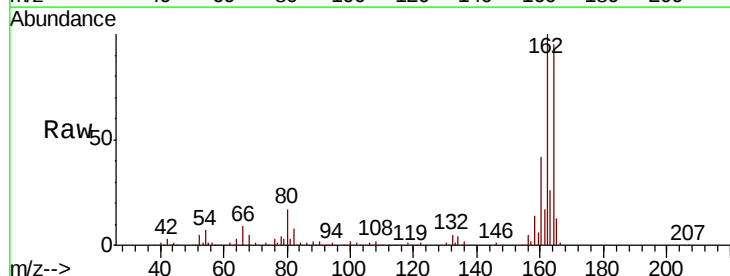
Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

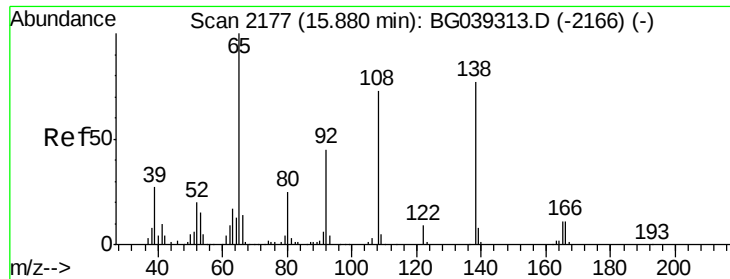
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	47.0	70.6#
89	2.3	45.8	68.8#



#57
 2,4-Dinitrotoluene
 Concen: 13.493 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.37 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	41.0	61.6#
89	2.3	64.6	96.8#
182	0.0	2.0	3.0#

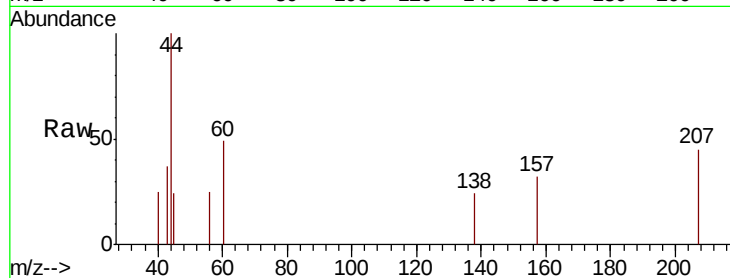




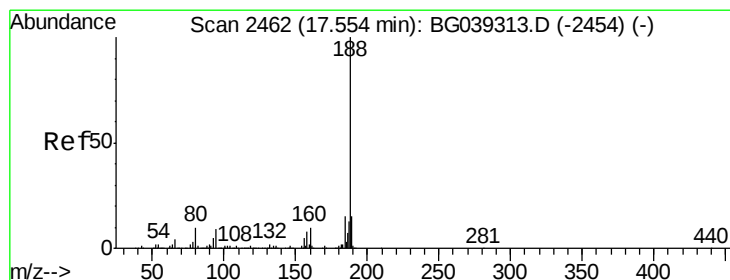
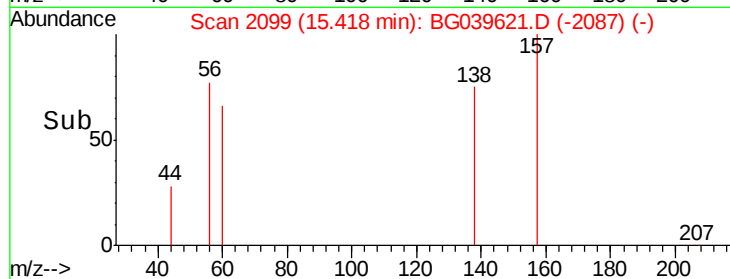
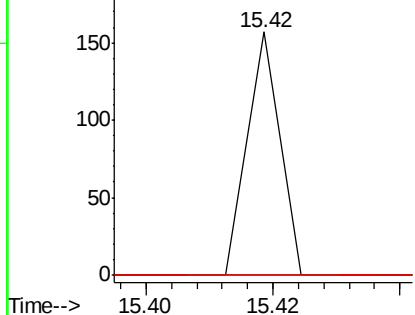
#62
4-Nitroaniline
Concen: 4.224 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.46 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 38.7 78.7#
108 0.0 74.6 114.6#

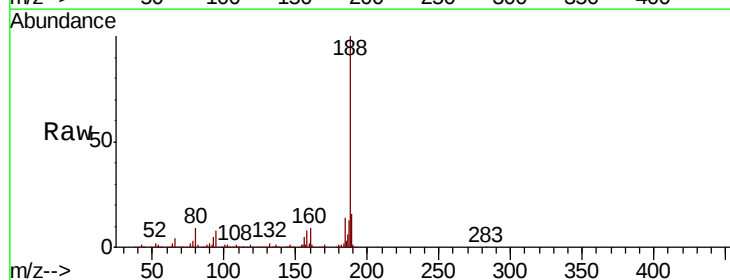


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

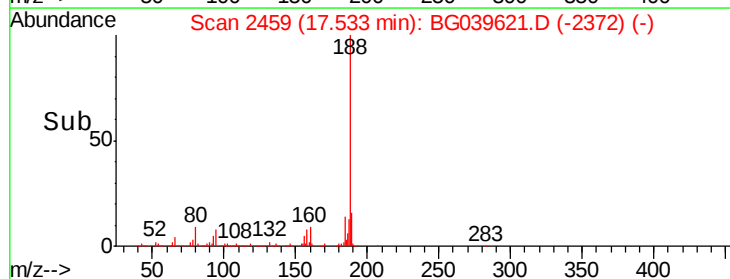
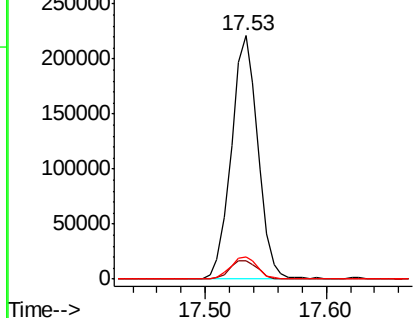


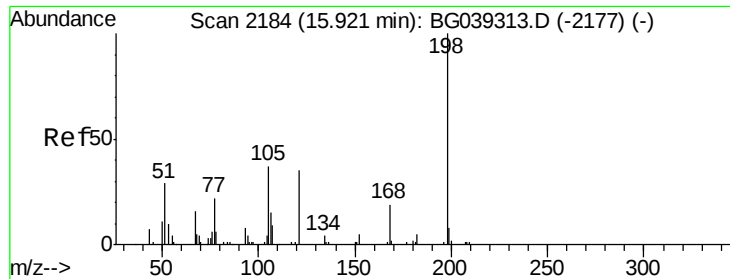
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion:188 Resp: 339764
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.1 8.1 12.1



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

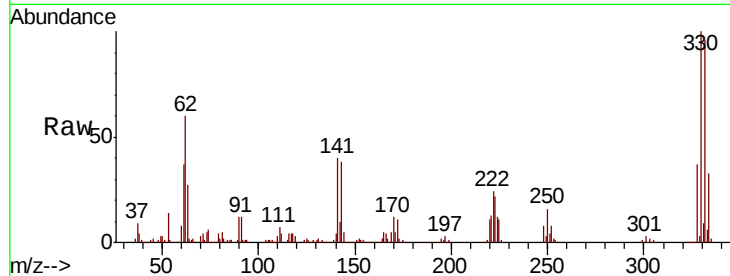




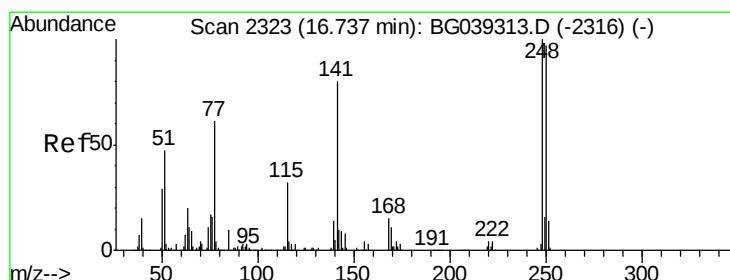
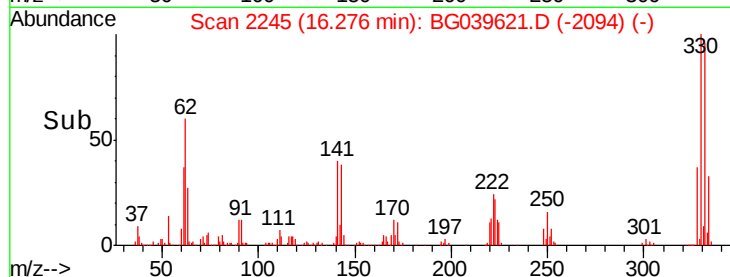
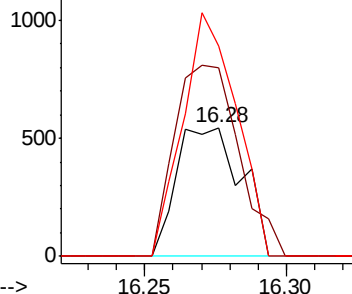
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.995 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.36 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

Tgt Ion:198 Resp: 869
 Ion Ratio Lower Upper
 198 100
 51 146.9 27.4 67.4#
 105 163.0 19.7 59.7#

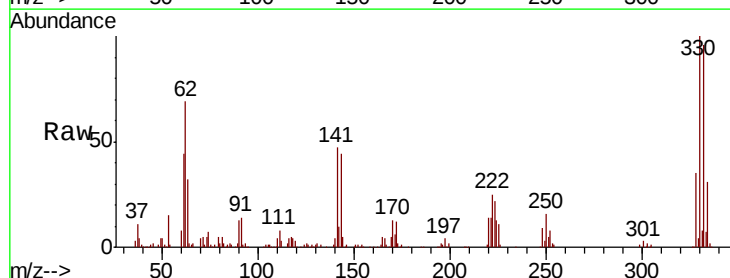


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)
 Ion 105.00 (104.70 to 105.70): E

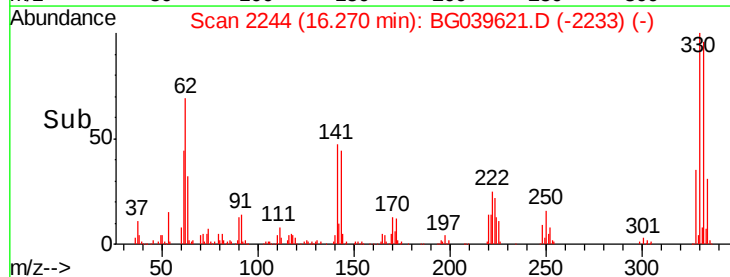
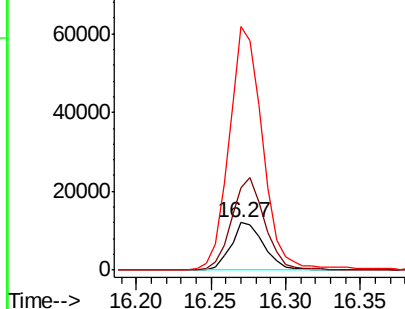


#67
 4-Bromophenyl-phenylether
 Concen: 4.917 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.47 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Tgt Ion:248 Resp: 18533
 Ion Ratio Lower Upper
 248 100
 250 173.5 77.6 116.4#
 141 511.4 63.9 95.9#



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

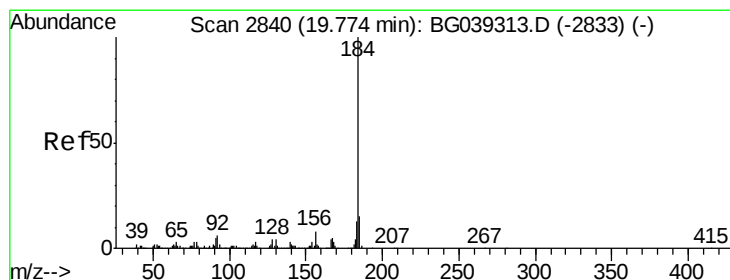
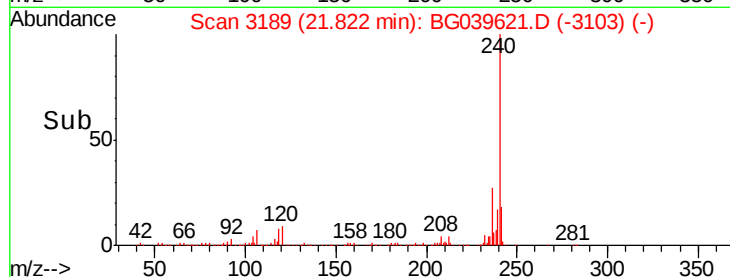
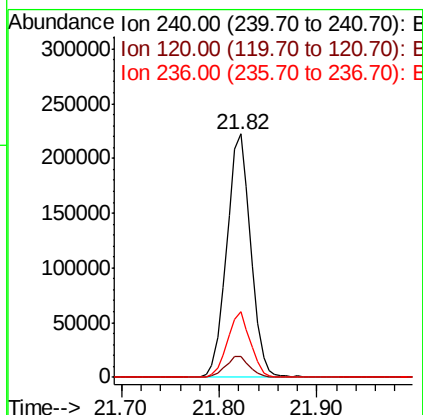
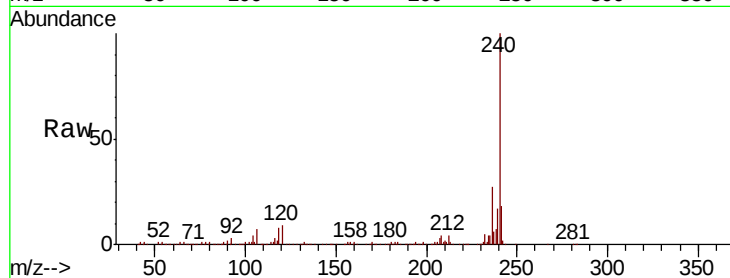




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

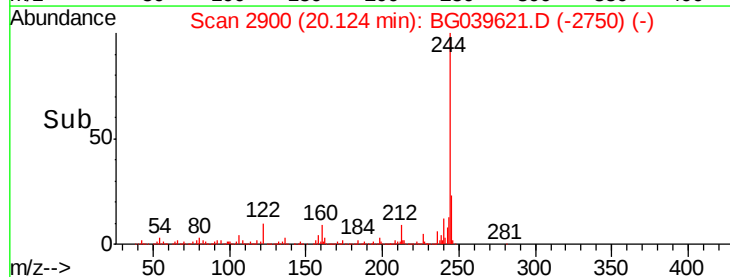
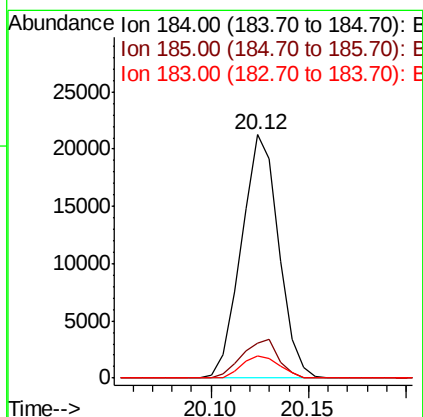
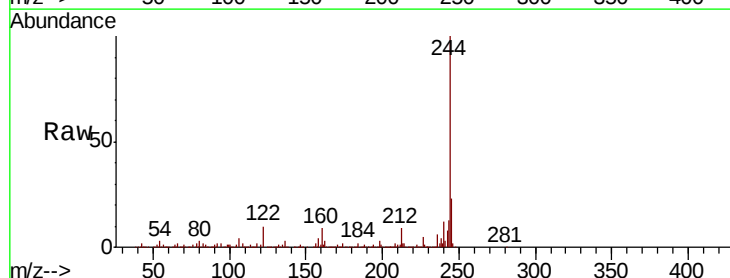
Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

Tgt Ion:240 Resp: 377579
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.0 10.6
 236 27.0 21.0 31.4



#77
 Benzidine
 Concen: 2.275 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. 0.35 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Tgt Ion:184 Resp: 28161
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.2 18.2
 183 9.2 10.6 15.8#

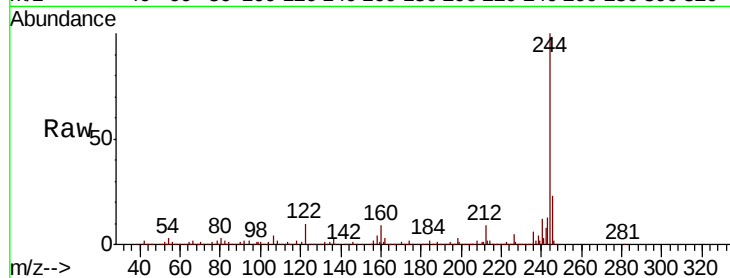




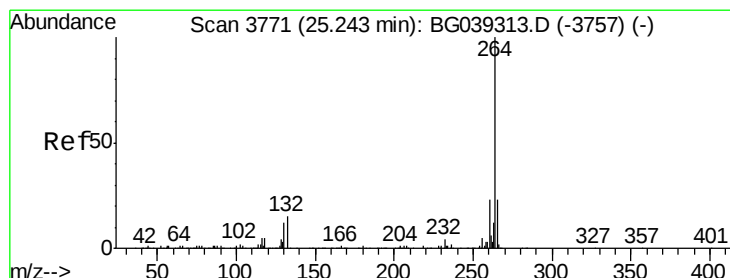
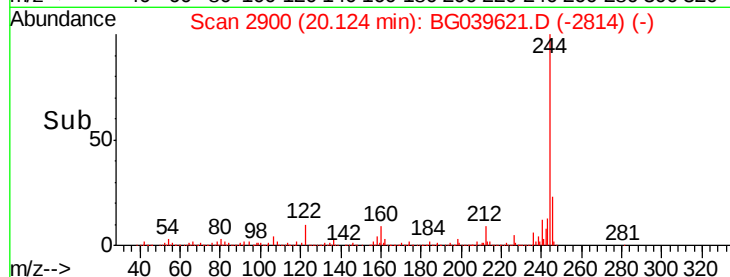
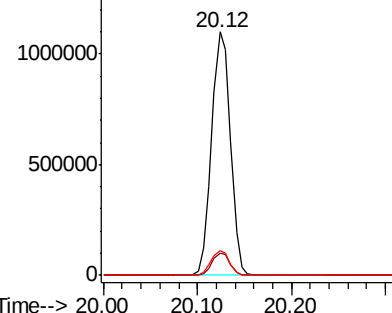
#79
 Terphenyl-d14
 Concen: 86.174 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Instrument :
 BNA_G
 ClientSampled :
 TP-CBF-B11

Tgt Ion:244 Resp: 1537182
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.3 10.9
 122 10.4 8.4 12.6

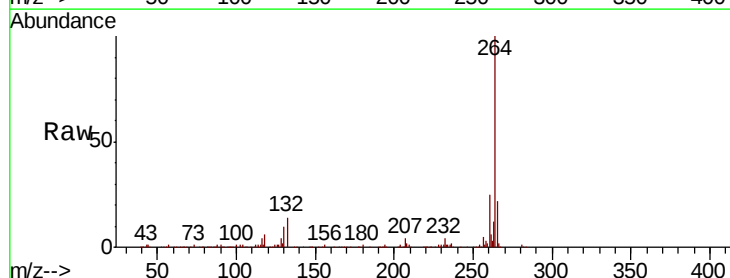


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3763
 Delta R.T. -0.05 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Tgt Ion:264 Resp: 373024
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

