

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039423.D
 Acq On : 8 Feb 2019 19:54
 Operator : JU/SJ
 Sample : K1404-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Quant Time: Feb 08 23:36:20 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	8.18	152	55305	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	242788	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	158184	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	374718	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	401149	20.00	ng	-0.02
87) Perylene-d12	25.21	264	412414	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	511243	158.21	ng	0.00
7) Phenol-d6	7.31	99	737375	155.03	ng	0.00
23) Nitrobenzene-d5	9.35	82	440191	113.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	276691	162.44	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	960027	87.06	ng	-0.01
79) Terphenyl-d14	20.14	244	1399860	73.86	ng	-0.01

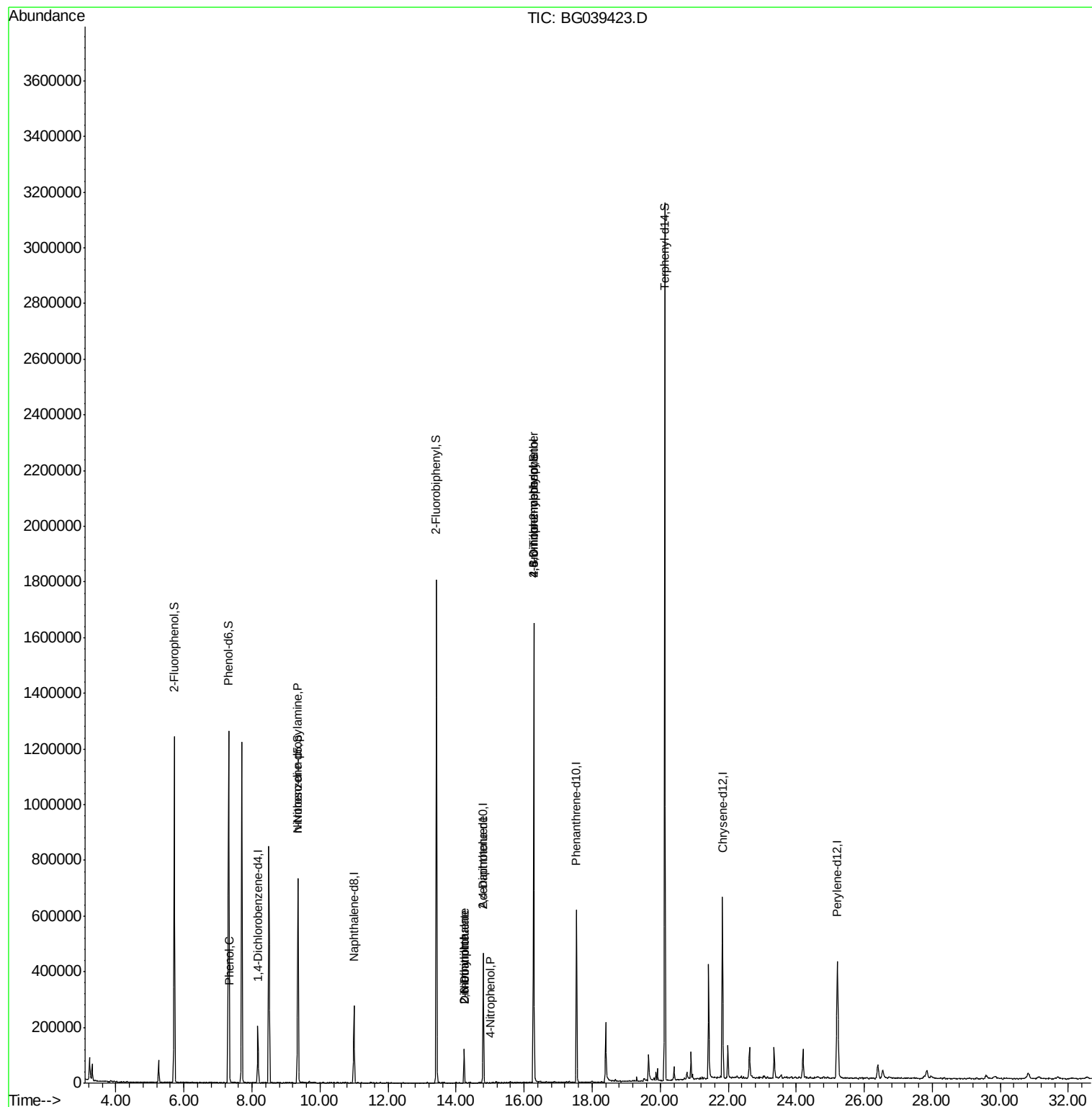
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	1308	Below Cal		# 4
10) Phenol	7.34	94	11801	2.380	ng	94
19) n-Nitroso-di-n-propylamine	9.35	70	57603	17.063	ng	# 69
48) 2-Nitroaniline	14.23	65	758	8.517	ng	# 1
50) Dimethylphthalate	14.24	163	81827	6.405	ng	99
51) 2,6-Dinitrotoluene	14.24	165	991	6.917	ng	# 5
56) 4-Nitrophenol	15.02	139	53	5.815	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	20581	13.457	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	872	4.921	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	20879	5.023	ng	# 1

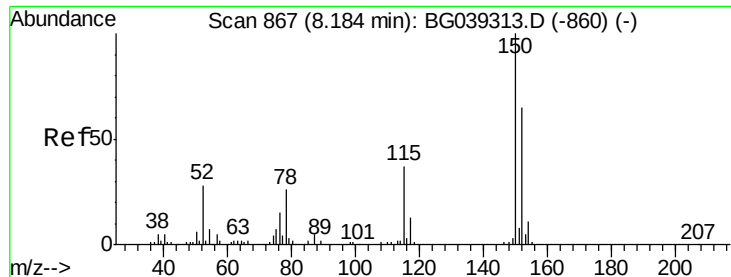
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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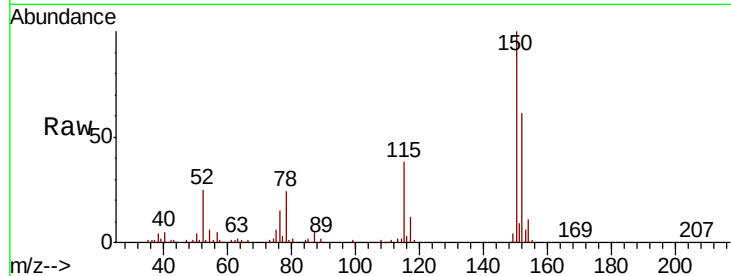


#1

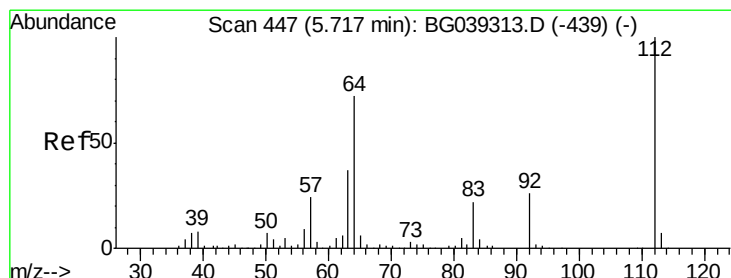
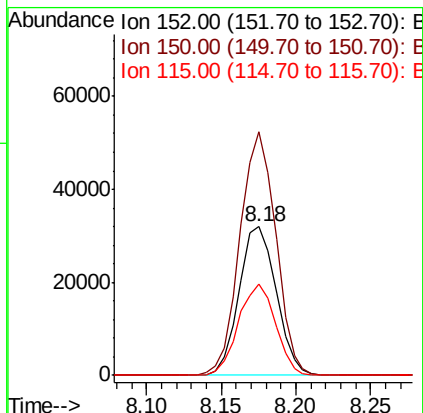
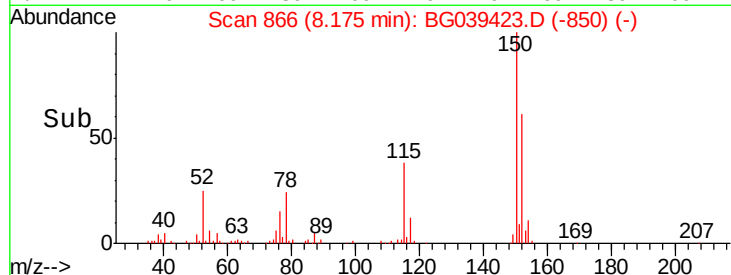
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

Tgt Ion:152 Resp: 55305
Ion Ratio Lower Upper
152 100
150 163.8 123.7 185.5
115 61.6 45.9 68.9



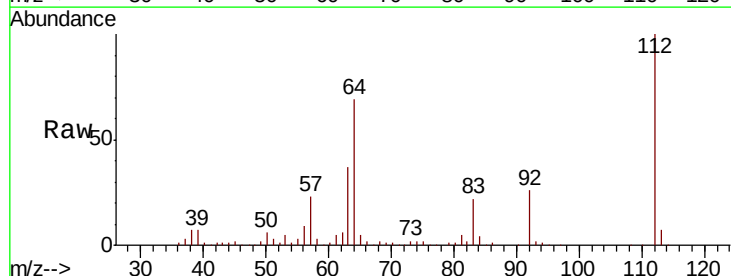
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



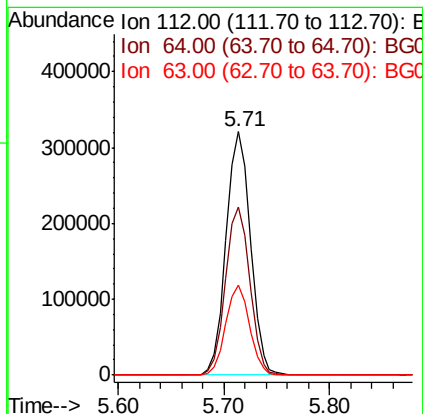
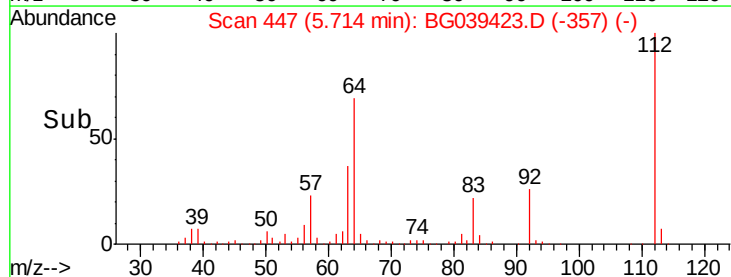
#5

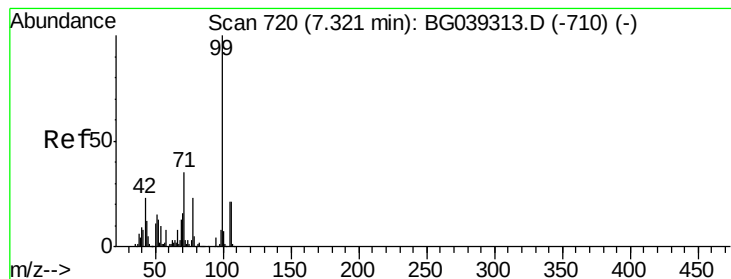
2-Fluorophenol
Concen: 158.213 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion:112 Resp: 511243
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 37.1 29.8 44.6



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: 155.026 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

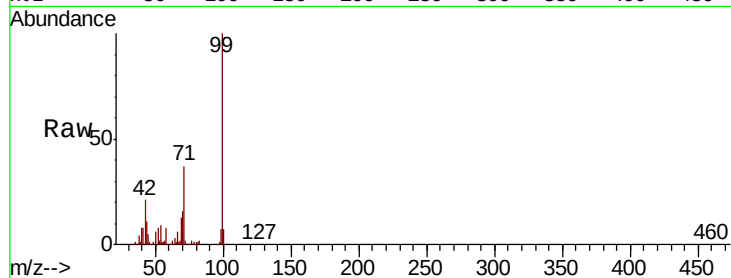
Tgt Ion: 99 Resp: 737375

Ion Ratio Lower Upper

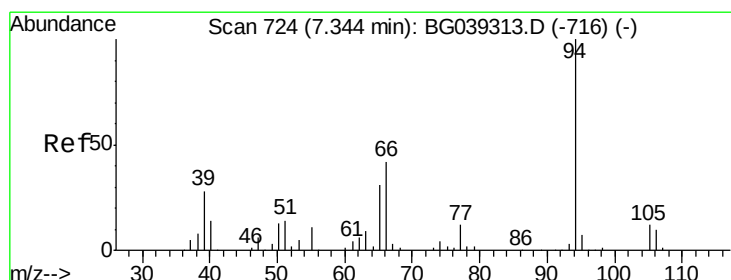
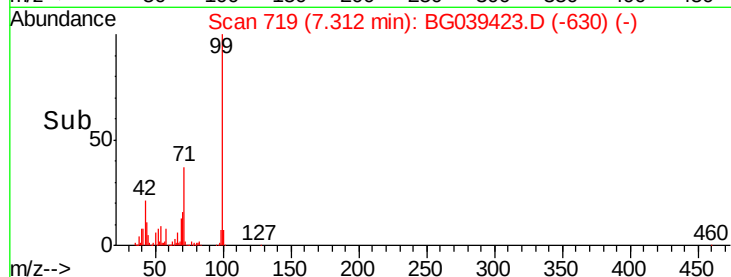
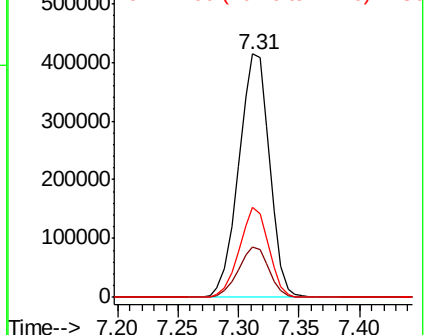
99 100

42 20.7 18.2 27.2

71 37.1 28.0 42.0



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



#10

Phenol

Concen: 2.380 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

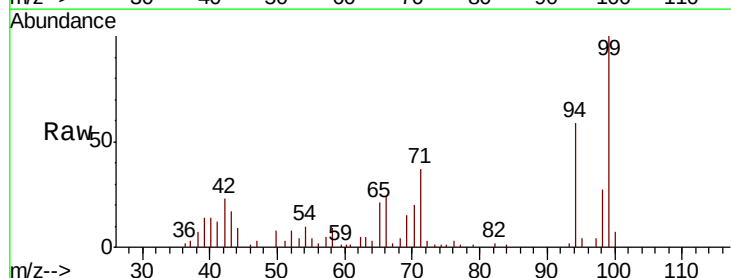
Tgt Ion: 94 Resp: 11801

Ion Ratio Lower Upper

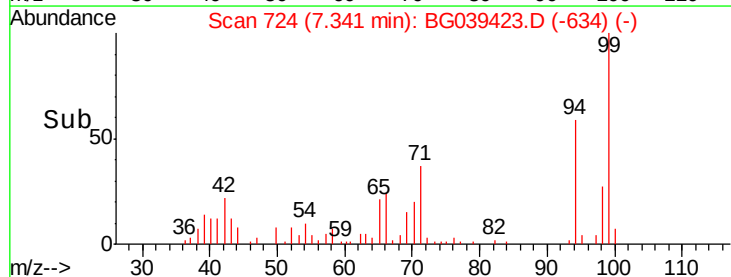
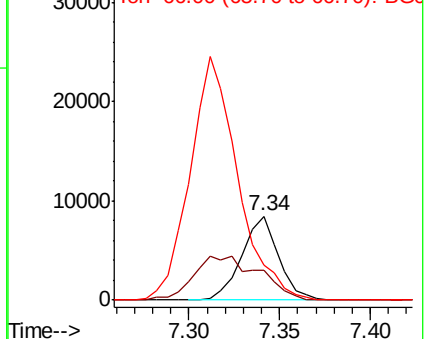
94 100

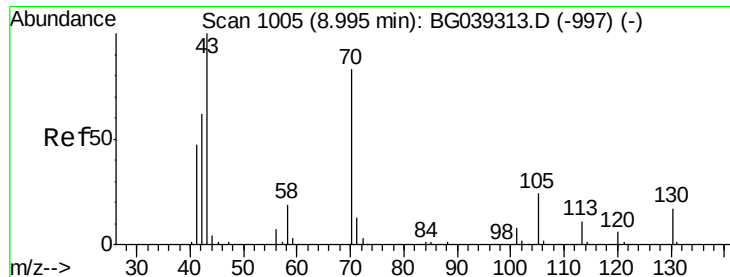
65 36.3 11.7 51.7

66 41.1 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

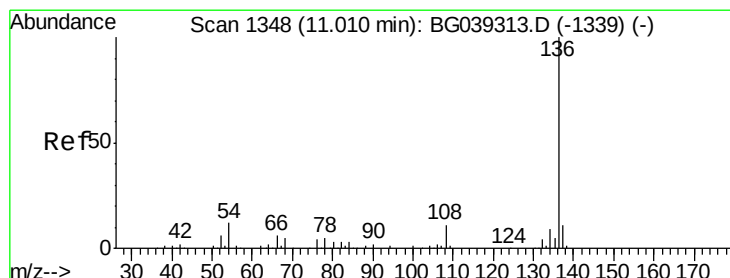
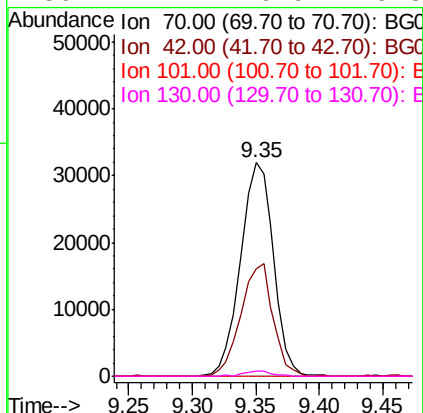
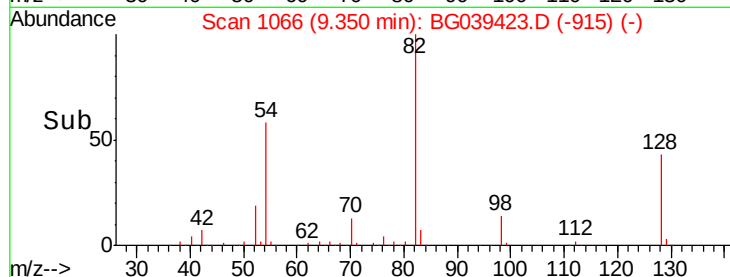
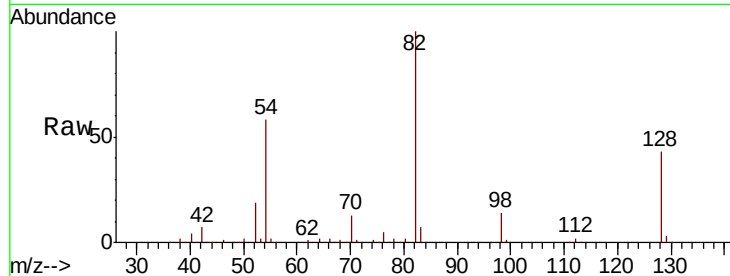




#19
n-Nitroso-di-n-propylamine
Concen: 17.063 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

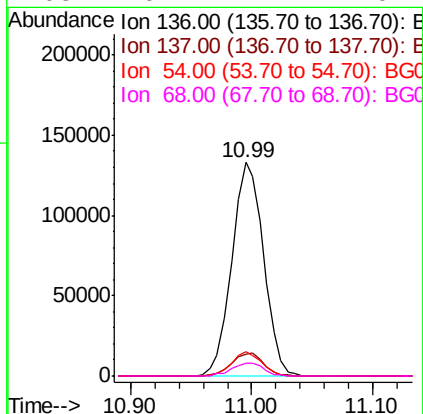
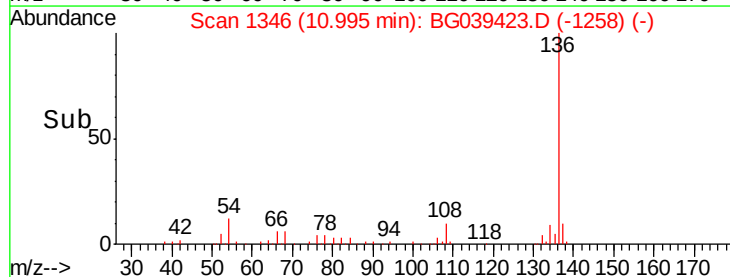
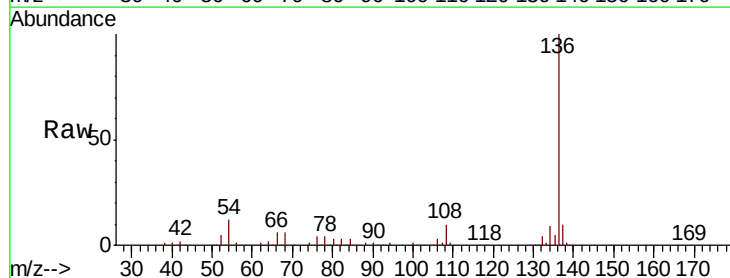
Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

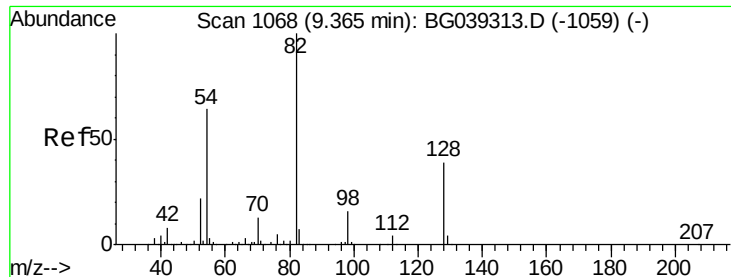
Tgt Ion: 70 Resp: 57603
Ion Ratio Lower Upper
70 100
42 50.5 60.4 90.6#
101 0.0 7.5 11.3#
130 2.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion: 136 Resp: 242788
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 11.6 9.4 14.2
68 6.2 4.2 6.4

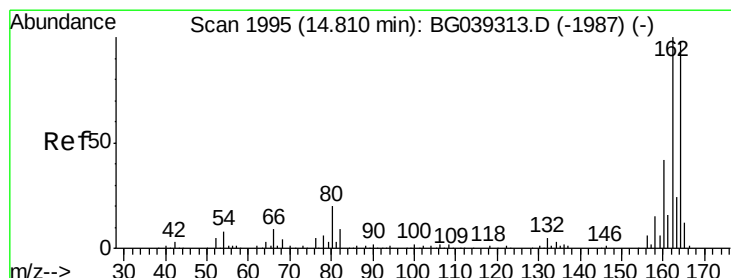
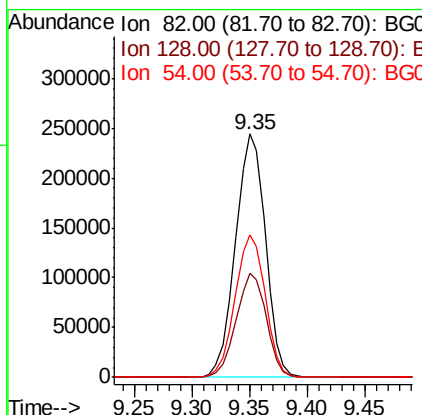
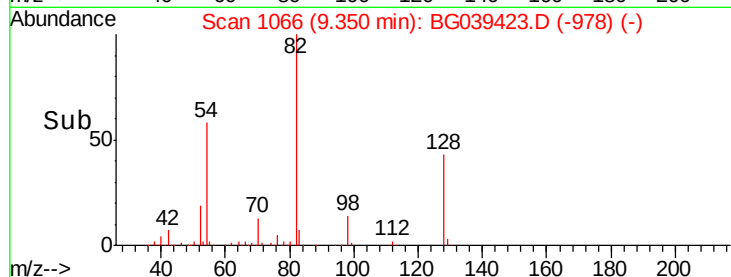
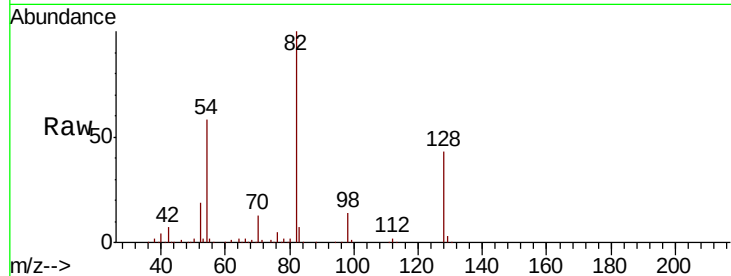




#23
 Nitrobenzene-d5
 Concen: 113.265 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

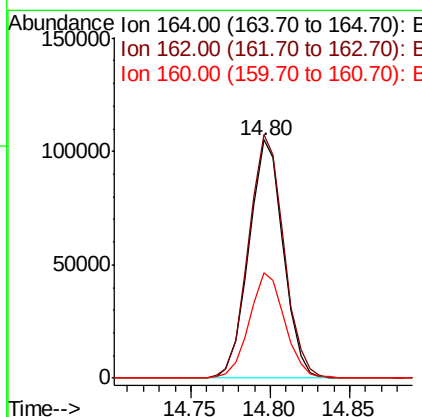
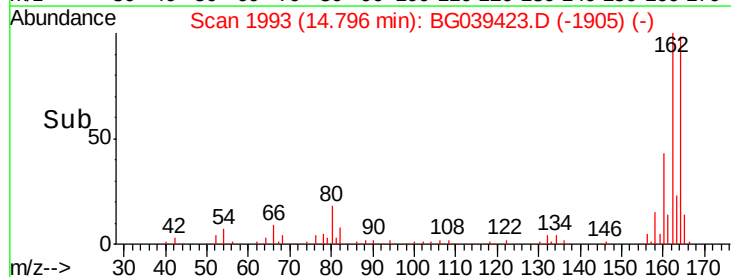
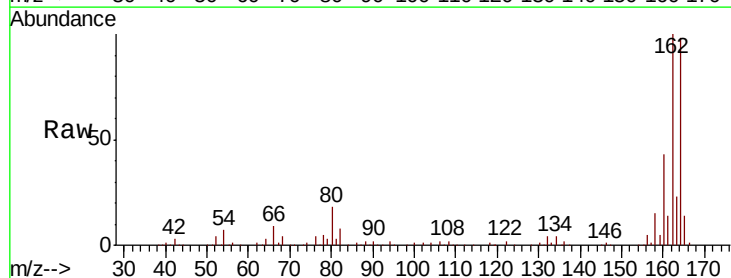
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

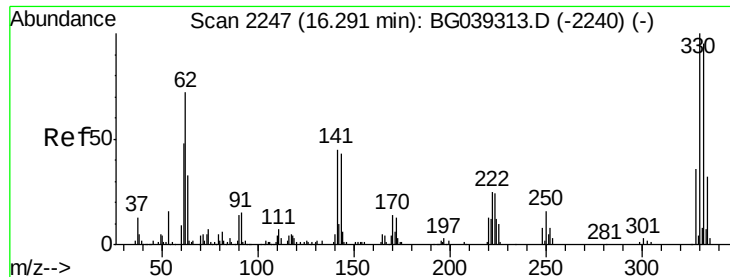
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	58.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	44.1	34.2	51.2

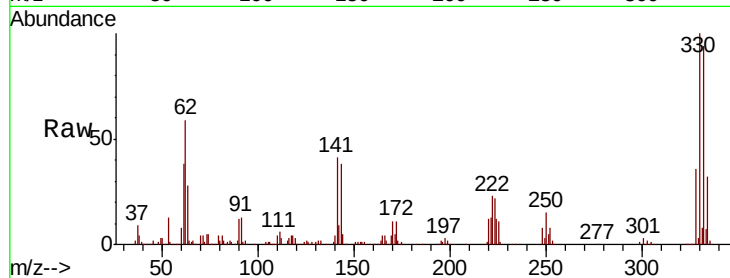




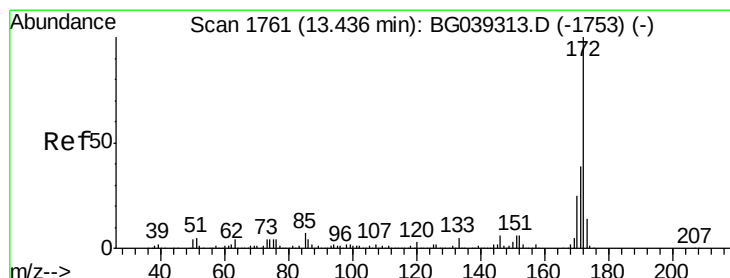
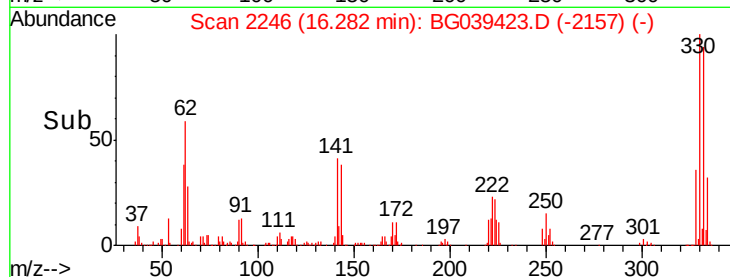
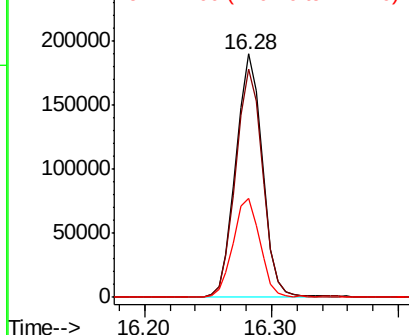
#42
 2,4,6-Tribromophenol
 Concen: 162.437 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Tgt Ion:330 Resp: 276691
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 41.0 35.6 53.4

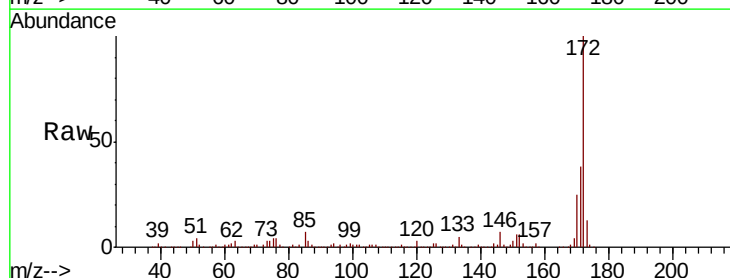


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

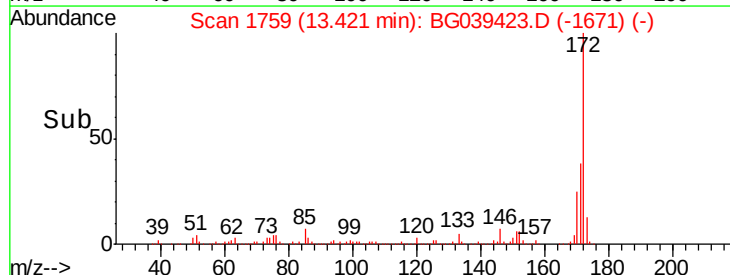
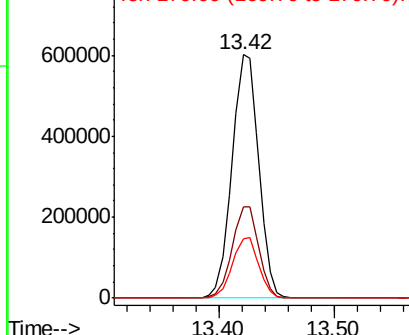


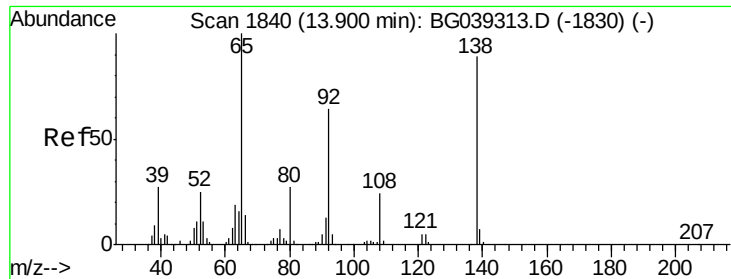
#45
 2-Fluorobiphenyl
 Concen: 87.064 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Tgt Ion:172 Resp: 960027
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.5 20.2 30.4



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





#48

2-Nitroaniline

Concen: 8.517 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.33 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

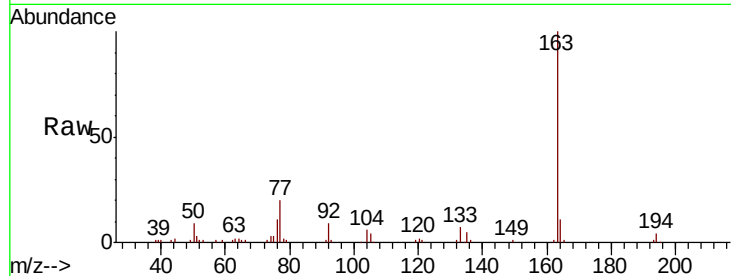
Tgt Ion: 65 Resp: 758

Ion Ratio Lower Upper

65 100

92 759.8 51.4 77.2#

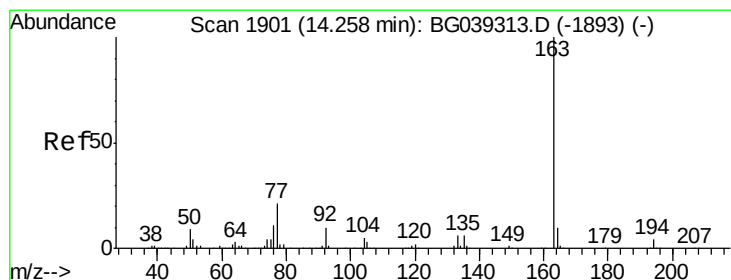
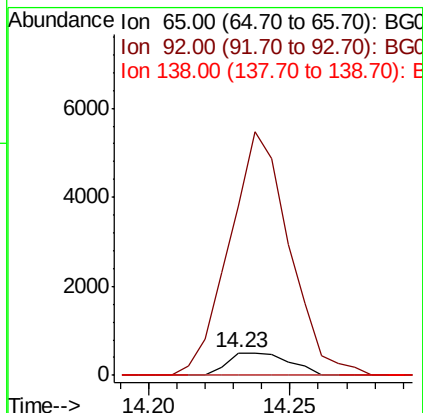
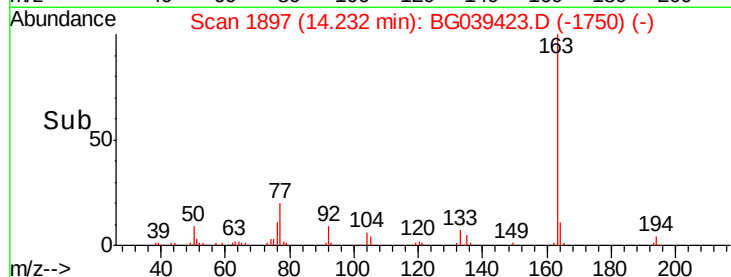
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BG039423.D (-1750) (-)

Ion 92.00 (91.70 to 92.70): BG039423.D (-1750) (-)

Ion 138.00 (137.70 to 138.70): BG039423.D (-1750) (-)



#50

Dimethylphthalate

Concen: 6.405 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

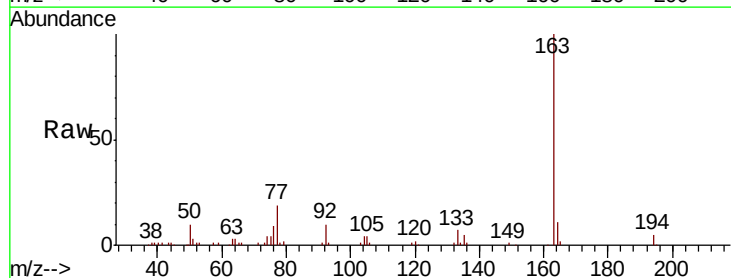
Tgt Ion: 163 Resp: 81827

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

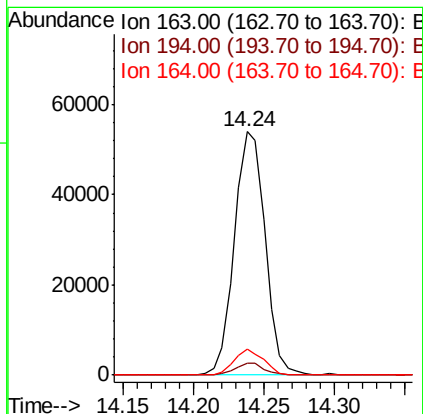
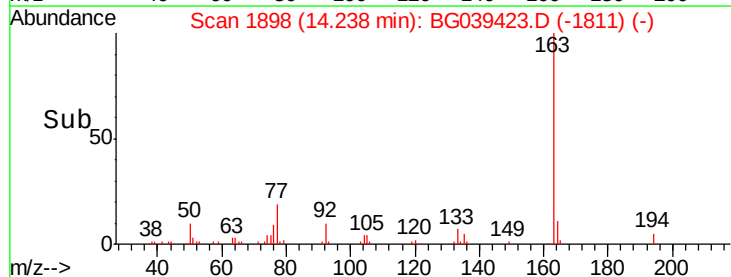
164 10.8 8.4 12.6

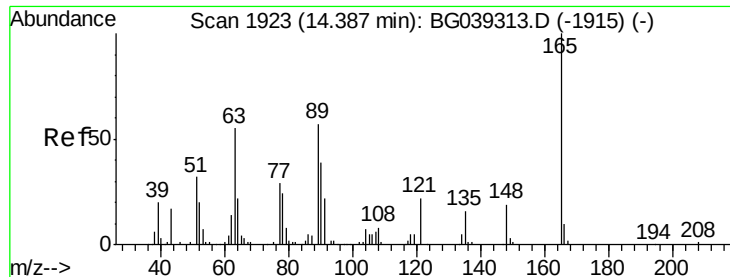


Abundance Ion 163.00 (162.70 to 163.70): BG039423.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BG039423.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BG039423.D (-1811) (-)

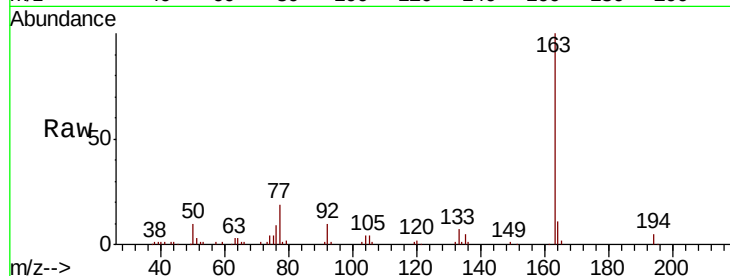




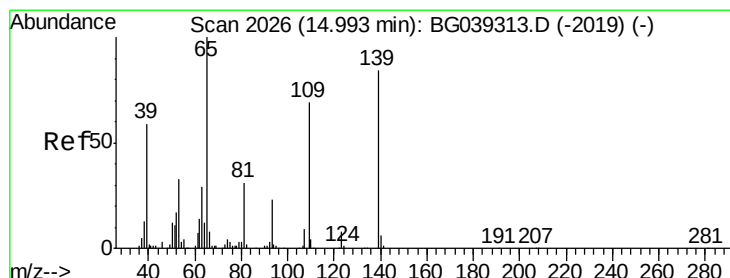
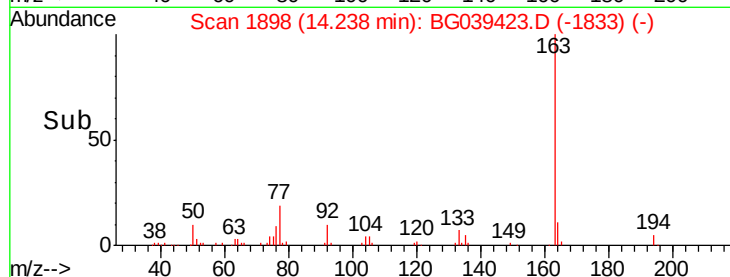
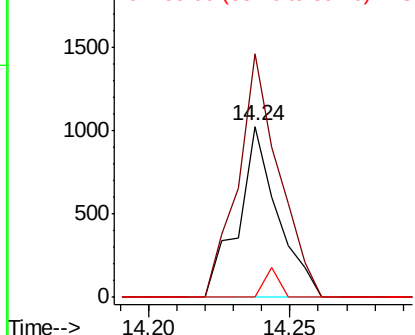
#51
 2,6-Dinitrotoluene
 Concen: 6.917 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.15 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Tgt Ion:165 Resp: 991
 Ion Ratio Lower Upper
 165 100
 63 142.3 47.0 70.6#
 89 0.0 45.8 68.8#

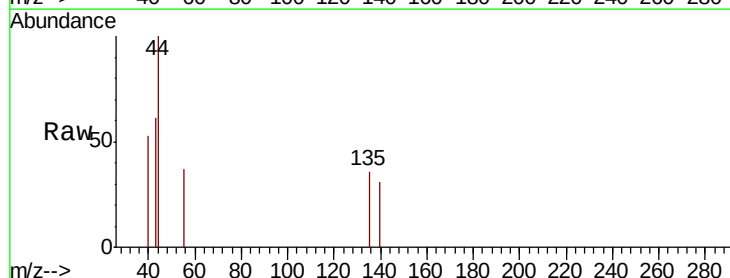


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

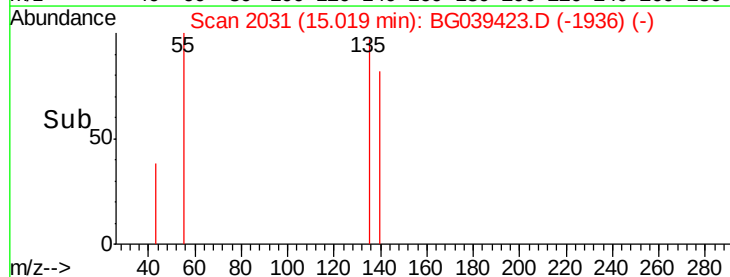
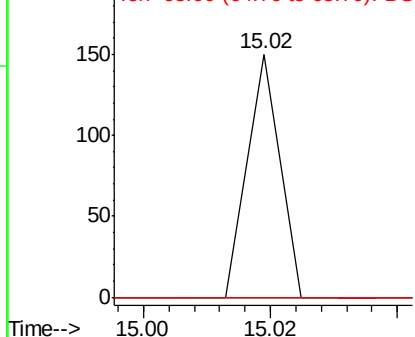


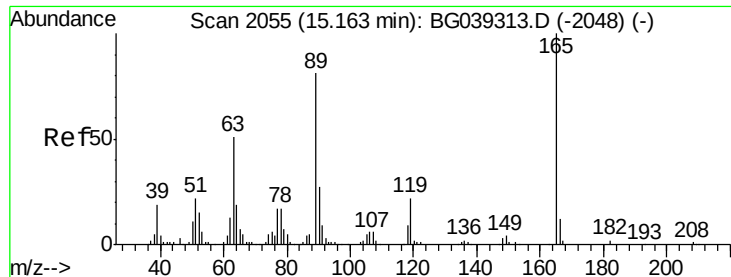
#56
 4-Nitrophenol
 Concen: 5.815 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. 0.03 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Tgt Ion:139 Resp: 53
 Ion Ratio Lower Upper
 139 100
 109 0.0 61.9 101.9#
 65 0.0 99.1 139.1#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.457 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.37 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

Tgt Ion:165 Resp: 20581

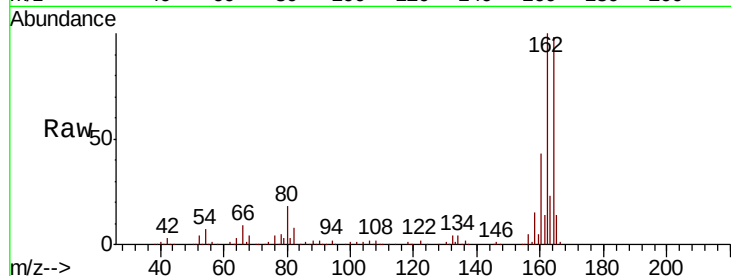
Ion Ratio Lower Upper

165 100

63 1.9 41.0 61.6#

89 1.2 64.6 96.8#

182 0.0 2.0 3.0#

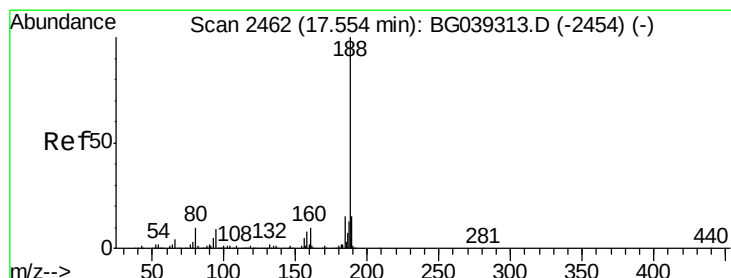
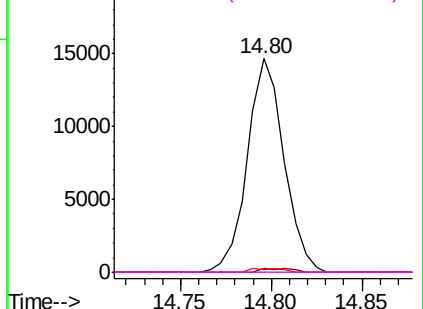
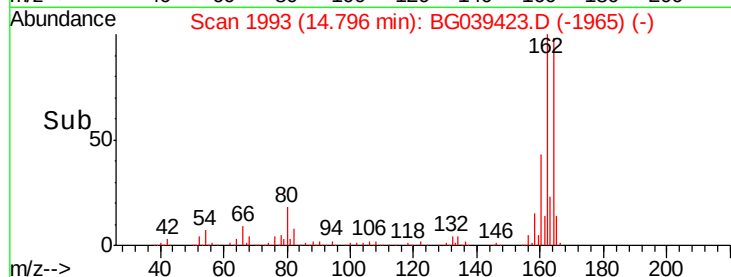


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

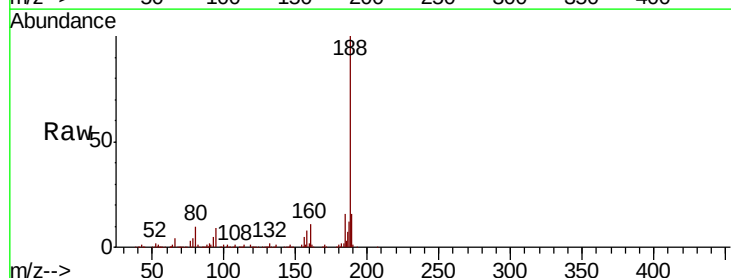
Tgt Ion:188 Resp: 374718

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

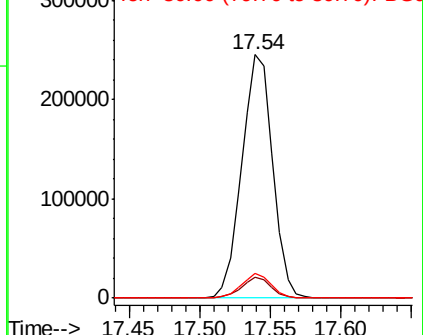
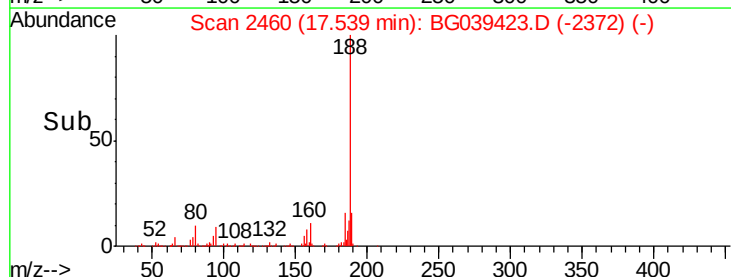
80 10.2 8.1 12.1

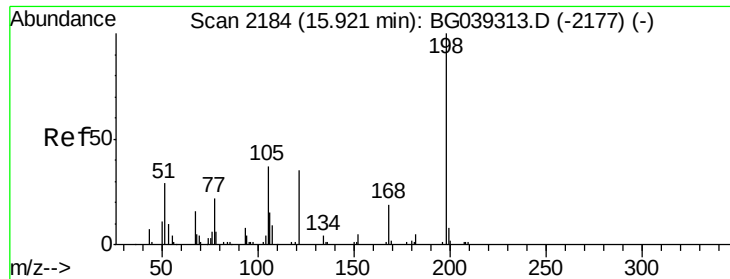


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

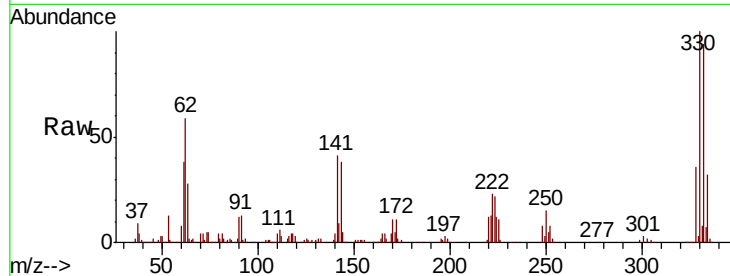




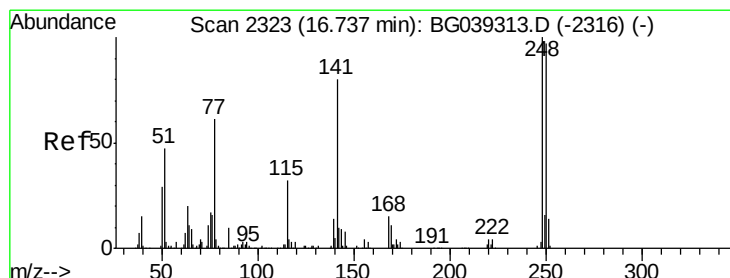
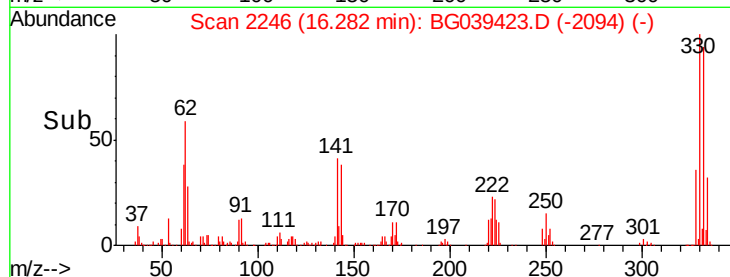
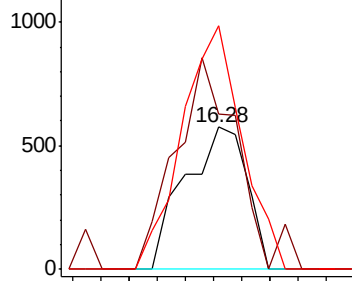
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.921 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Tgt Ion:198 Resp: 872
 Ion Ratio Lower Upper
 198 100
 51 109.0 27.4 67.4#
 105 171.2 19.7 59.7#

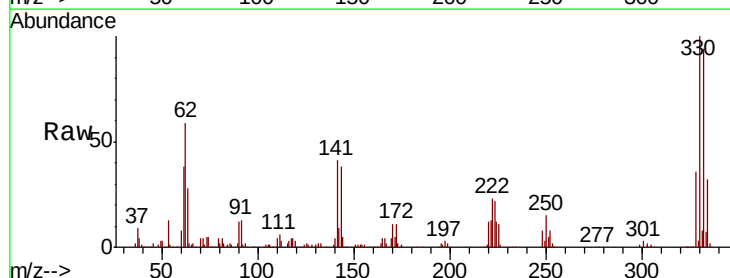


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

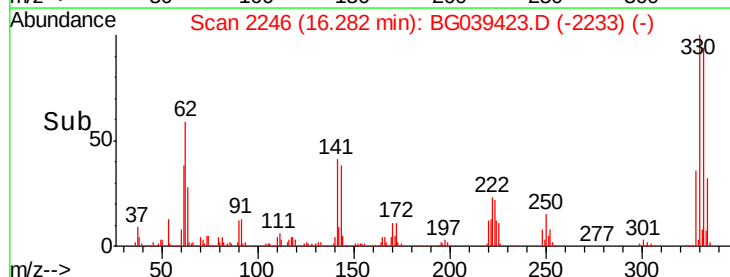
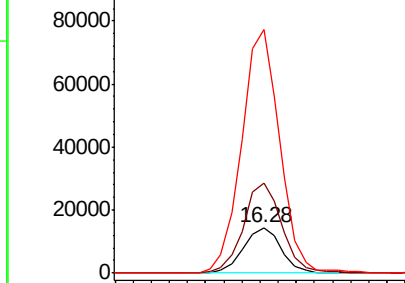


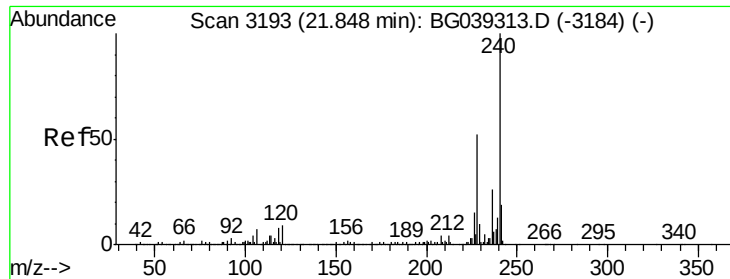
#67
 4-Bromophenyl-phenylether
 Concen: 5.023 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.46 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Tgt Ion:248 Resp: 20879
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.6 116.4#
 141 532.0 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

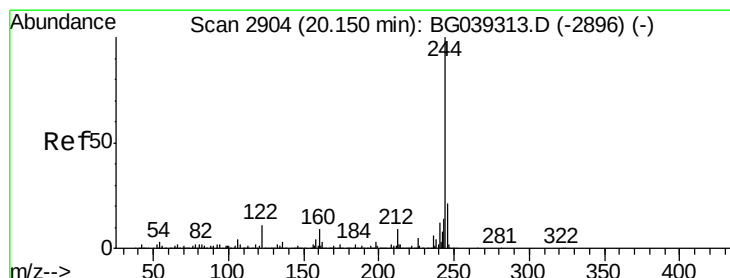
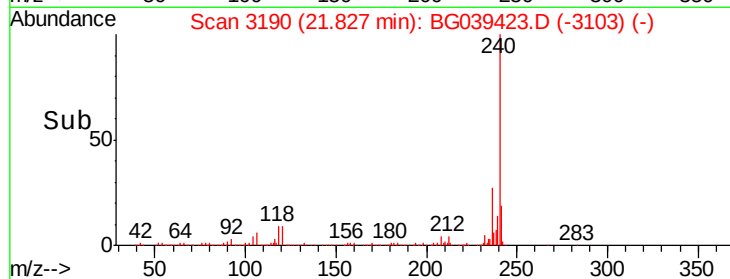
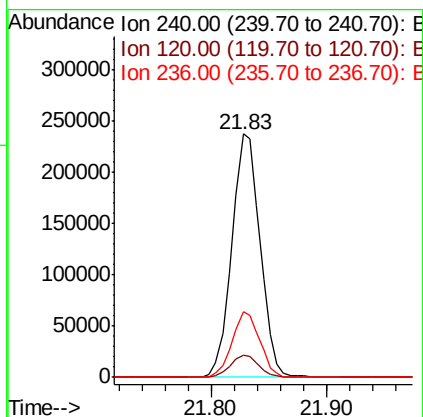
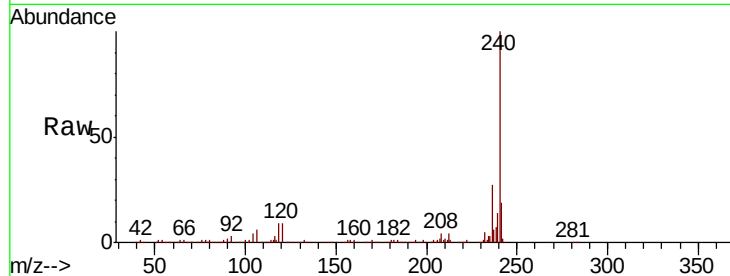




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

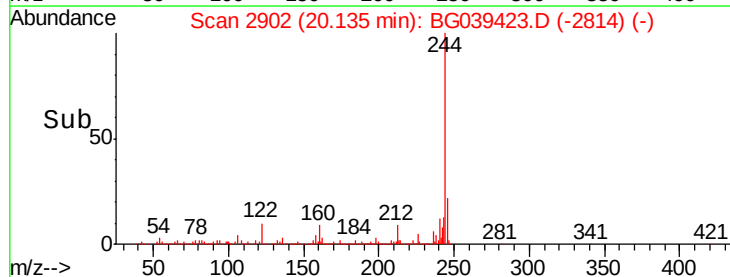
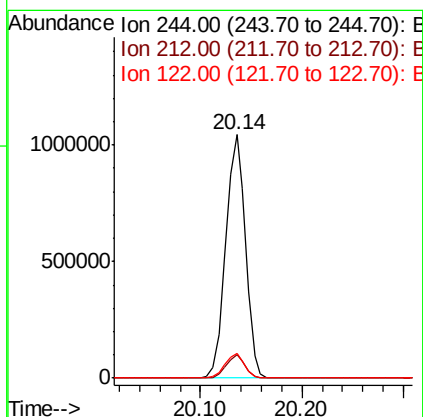
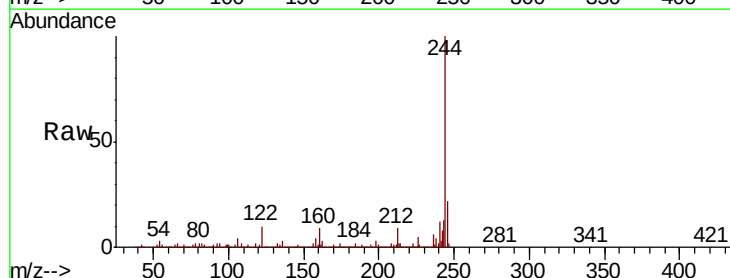
Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

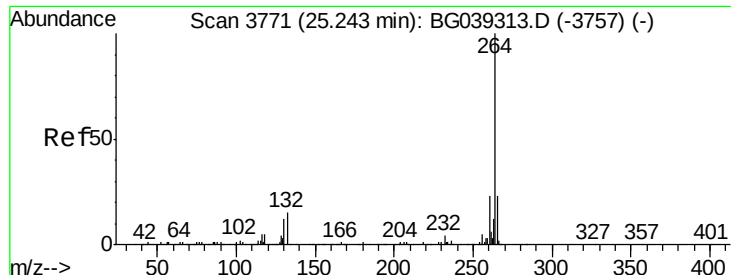
Tgt Ion:240 Resp: 401149
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.9 21.0 31.4



#79
Terphenyl-d14
Concen: 73.865 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion:244 Resp: 1399860
Ion Ratio Lower Upper
244 100
212 9.5 7.3 10.9
122 10.0 8.4 12.6





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039423.D
 Acq: 8 Feb 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Tgt Ion:	264	Resp:	412414
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.0	18.5	27.7

