

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039608.D
 Acq On : 26 Feb 2019 20:00
 Operator : JU/SJ
 Sample : K1620-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04

Quant Time: Feb 27 00:00:11 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	8.16	152	56828	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	239319	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161360	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	405979	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	422375	20.00	ng	-0.03
87) Perylene-d12	25.20	264	432431	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	480458	144.70	ng	0.00
7) Phenol-d6	7.32	99	689502	141.08	ng	0.00
23) Nitrobenzene-d5	9.34	82	409396	106.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	272470	156.81	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	894052	79.48	ng	-0.02
79) Terphenyl-d14	20.12	244	1338055	67.06	ng	-0.03

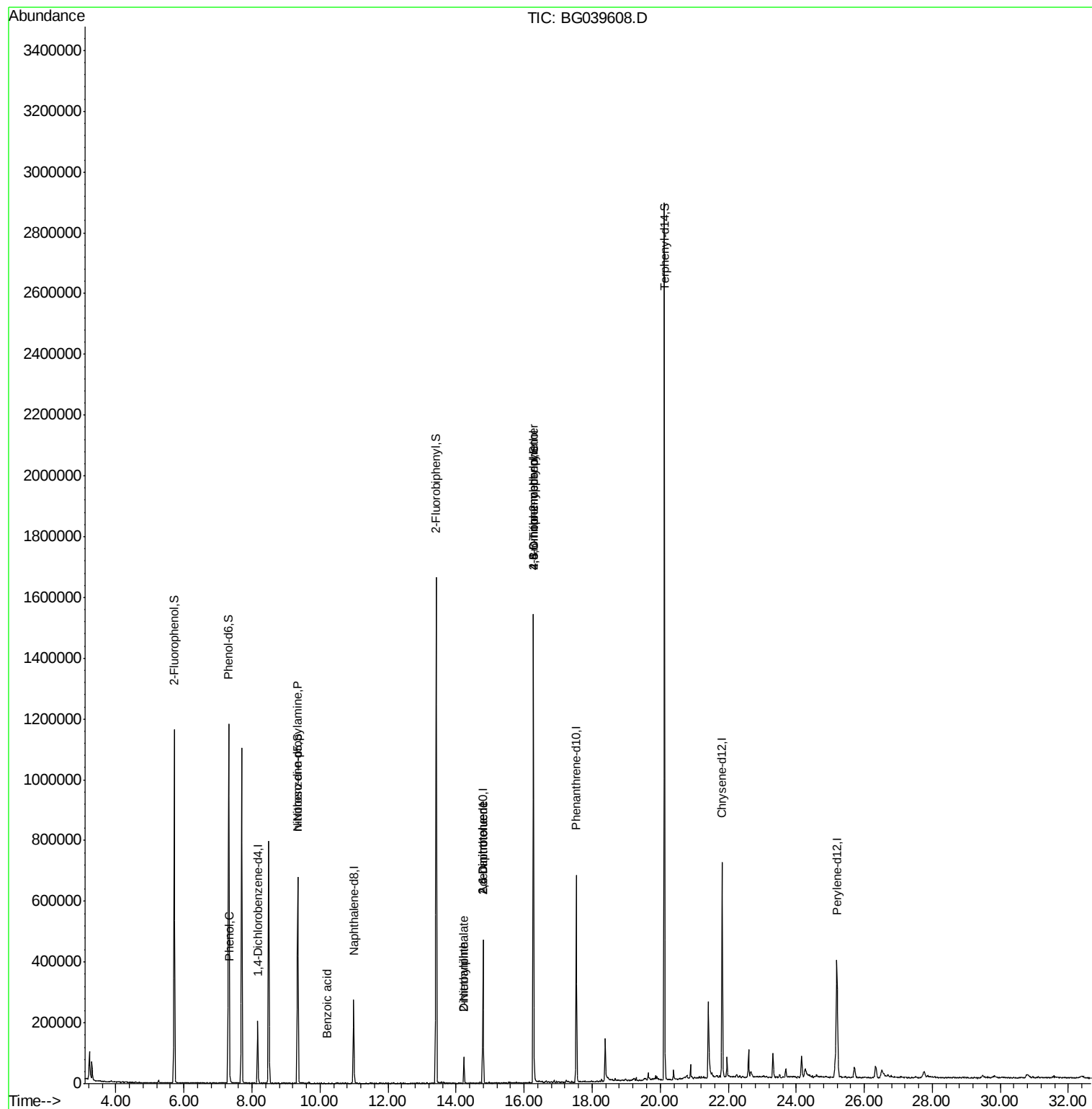
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	1239	Below Cal		# 4
10) Phenol	7.34	94	16691	3.276	ng	# 95
19) n-Nitroso-di-n-propylamine	9.34	70	53189	15.333	ng	# 67
32) Benzoic acid	10.23	122	110	9.061	ng	# 1
48) 2-Nitroaniline	14.23	65	510	8.442	ng	# 1
50) Dimethylphthalate	14.23	163	58943	4.523	ng	# 98
51) 2,6-Dinitrotoluene	14.79	165	21466	14.168	ng	# 24
57) 2,4-Dinitrotoluene	14.79	165	21466	13.584	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.27	198	867	4.860	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	20952	4.652	ng	# 1

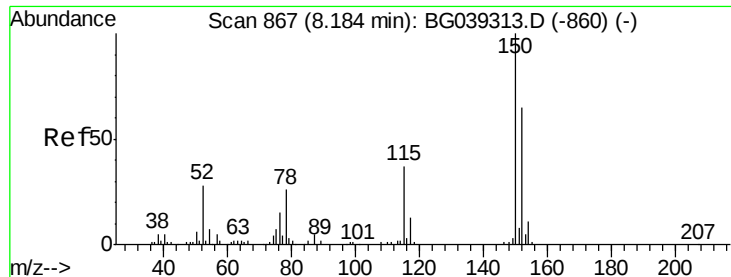
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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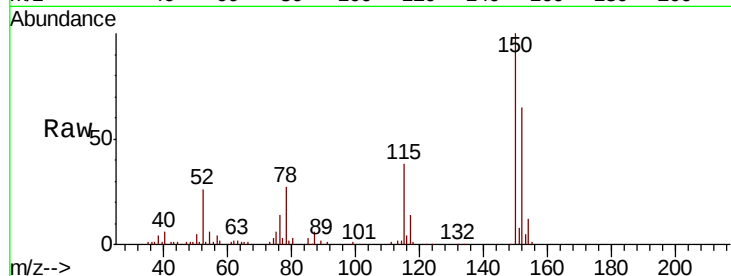


#1

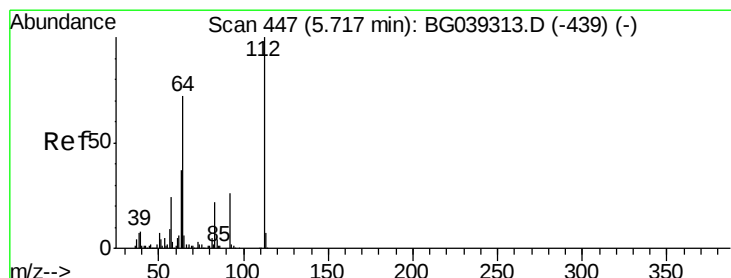
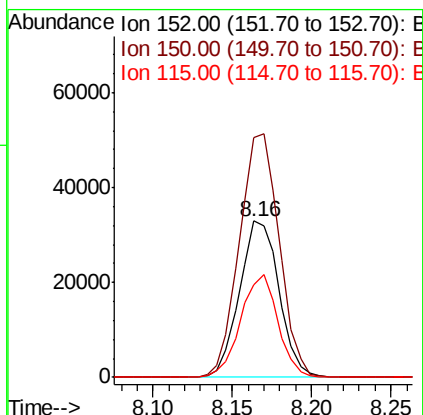
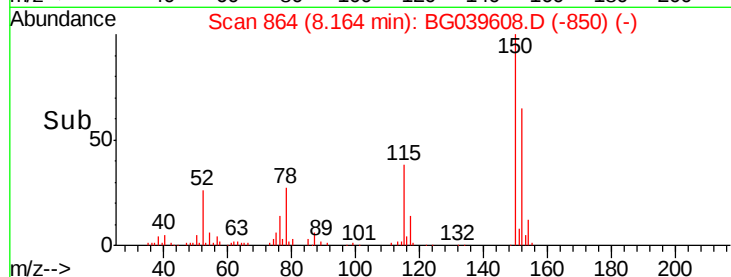
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Instrument :
BNA_G
ClientSampleId :
SB-04

Tgt Ion:152 Resp: 56828
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 58.9 45.9 68.9



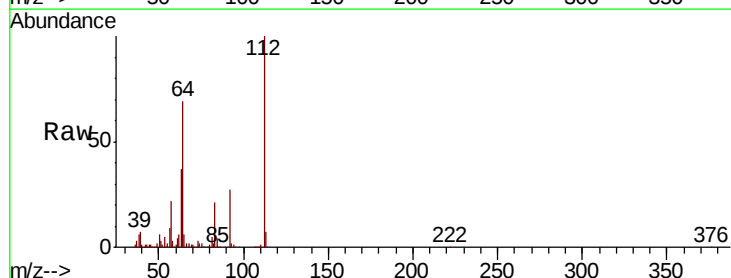
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



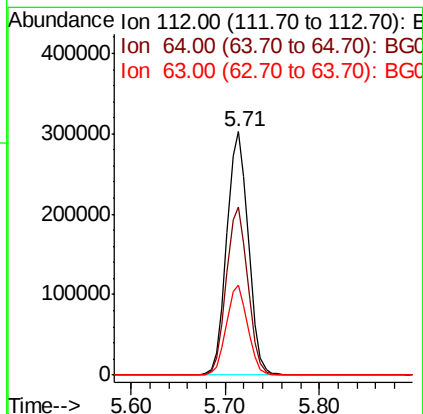
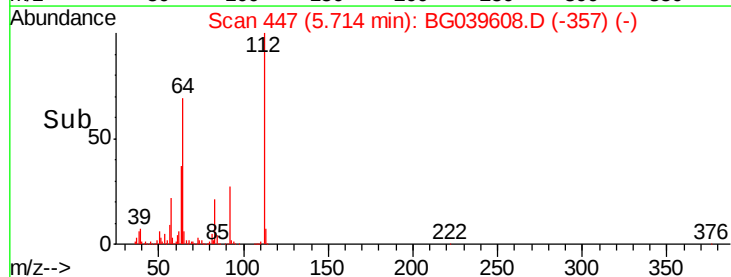
#5

2-Fluorophenol
Concen: 144.701 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion:112 Resp: 480458
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.7 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: 141.076 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

BNA_G

ClientSampleId :

SB-04

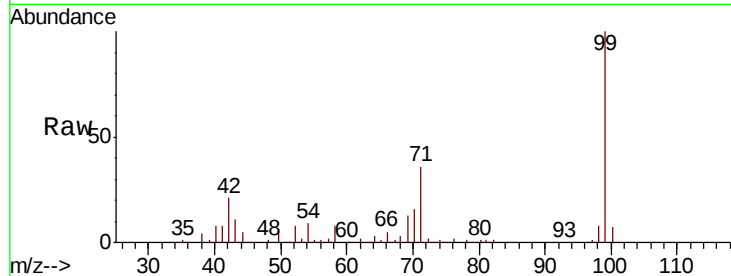
Tgt Ion: 99 Resp: 689502

Ion Ratio Lower Upper

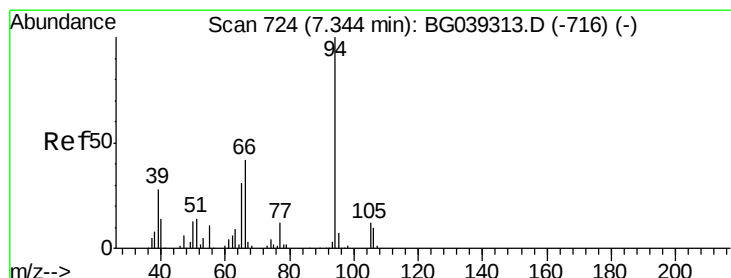
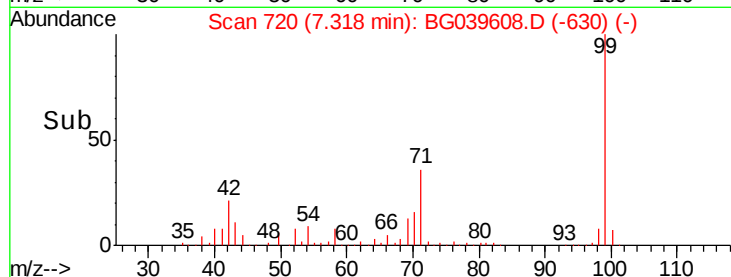
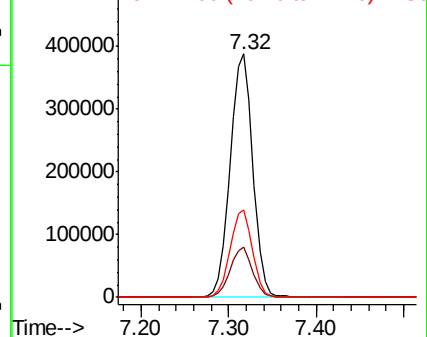
99 100

42 20.5 18.2 27.2

71 36.0 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: 3.276 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

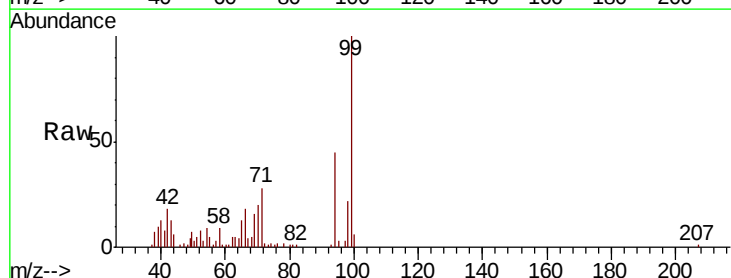
Tgt Ion: 94 Resp: 16691

Ion Ratio Lower Upper

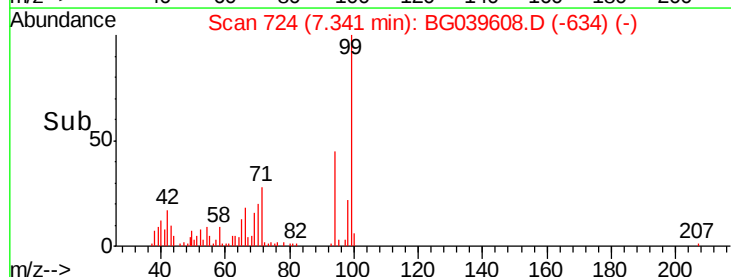
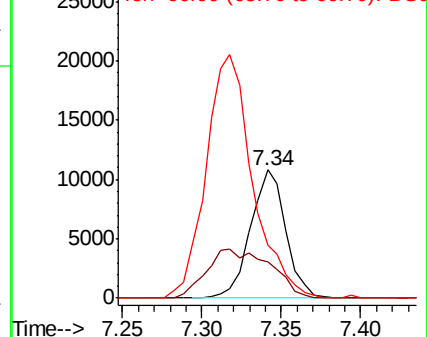
94 100

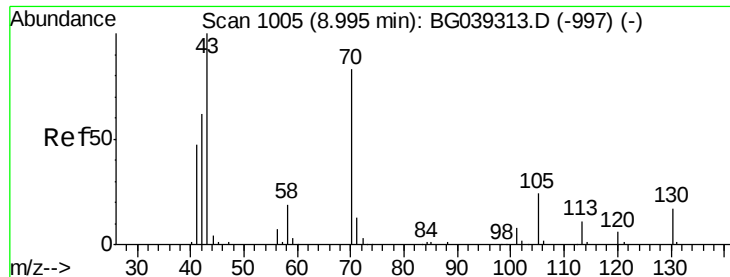
65 28.1 11.7 51.7

66 41.0 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

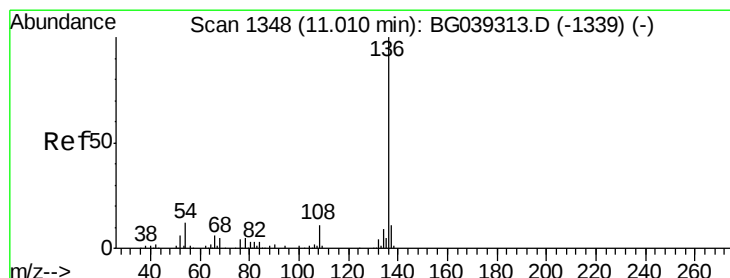
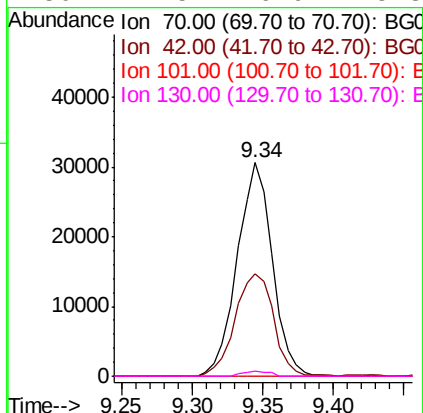
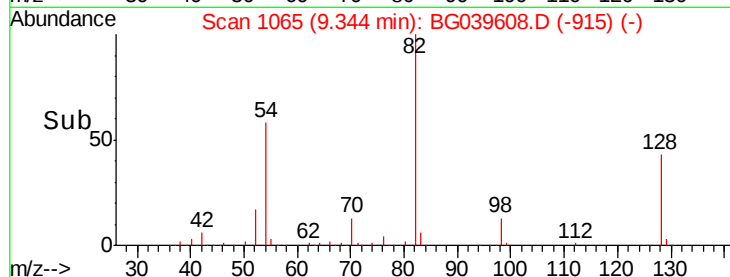
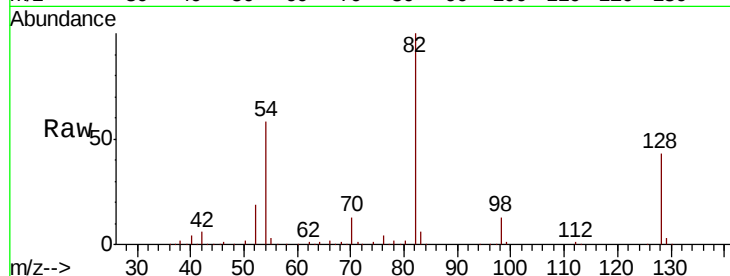




#19
n-Nitroso-di-n-propylamine
Concen: 15.333 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

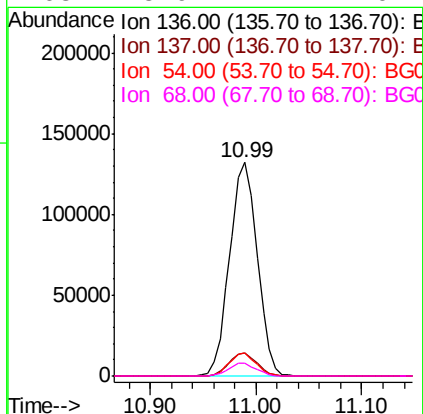
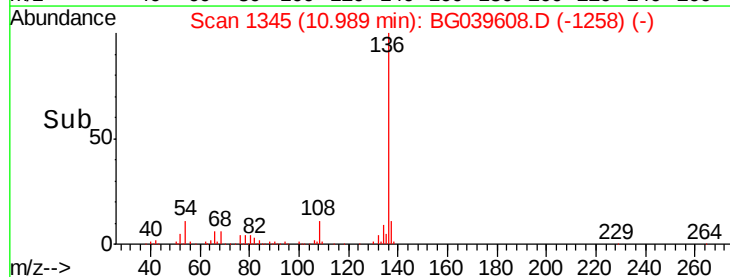
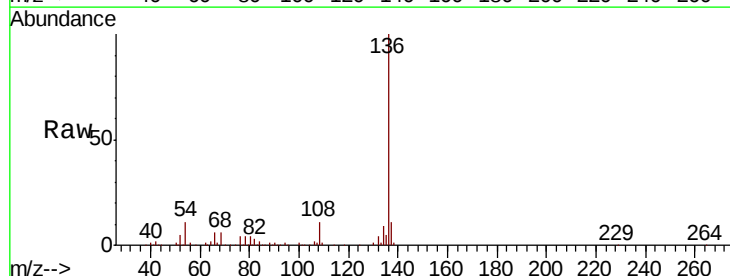
Instrument :
BNA_G
ClientSampled :
SB-04

Tgt Ion: 70 Resp: 53189
Ion Ratio Lower Upper
70 100
42 48.0 60.4 90.6#
101 0.0 7.5 11.3#
130 2.5 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: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion: 136 Resp: 239319
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.6 9.4 14.2
68 5.9 4.2 6.4

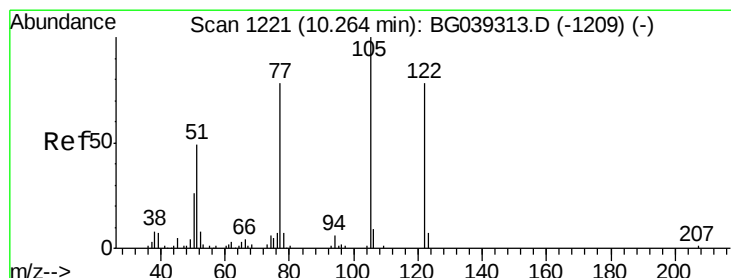
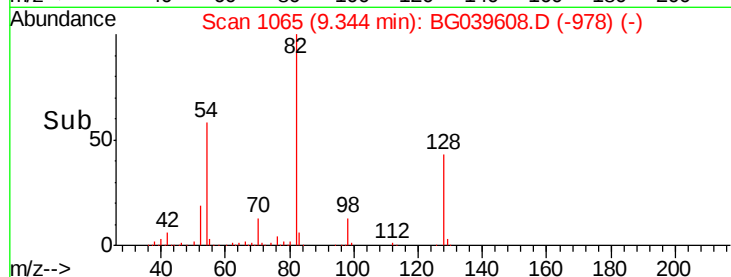
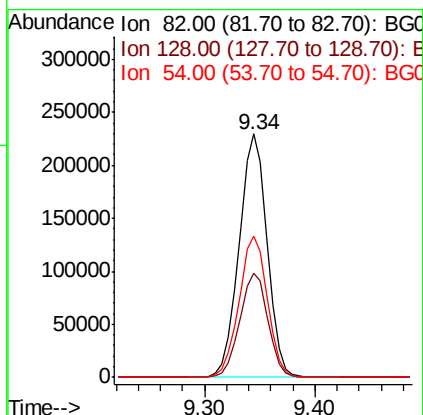
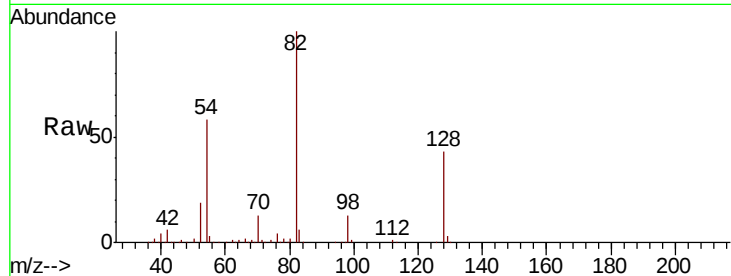




#23
Nitrobenzene-d5
Concen: 106.868 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

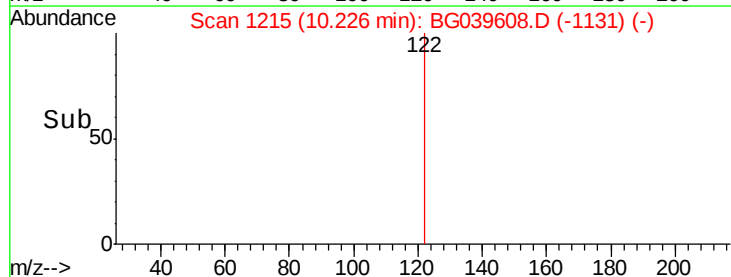
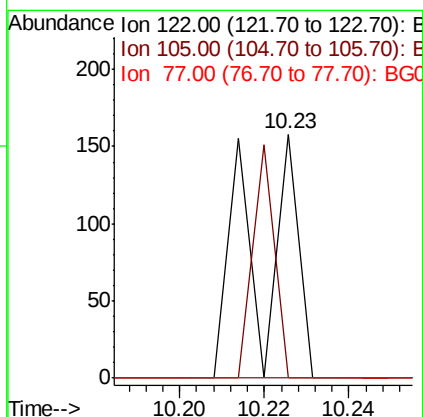
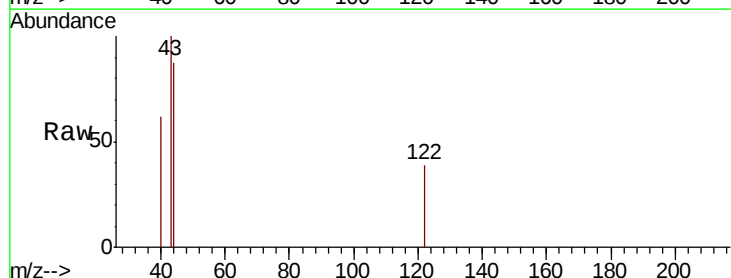
Instrument :
BNA_G
ClientSampleId :
SB-04

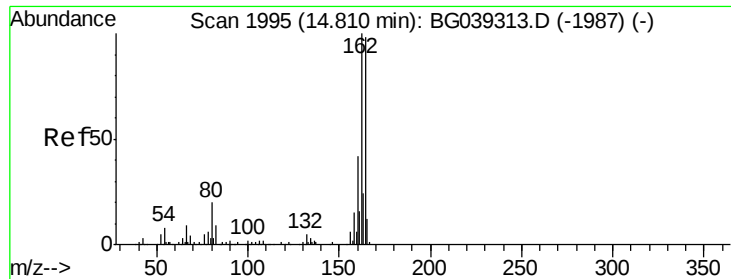
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	58.2	50.9	76.3



#32
Benzoic acid
Concen: 9.061 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

BNA_G

ClientSampled :

SB-04

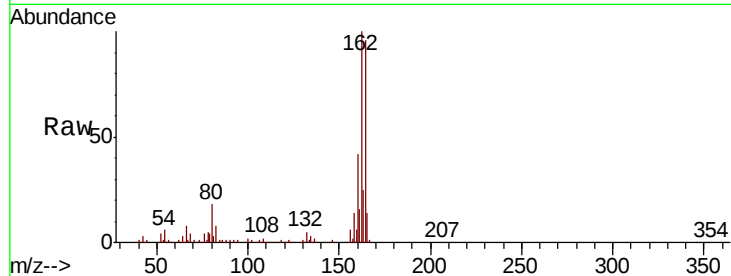
Tgt Ion:164 Resp: 161360

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.2 34.2 51.2

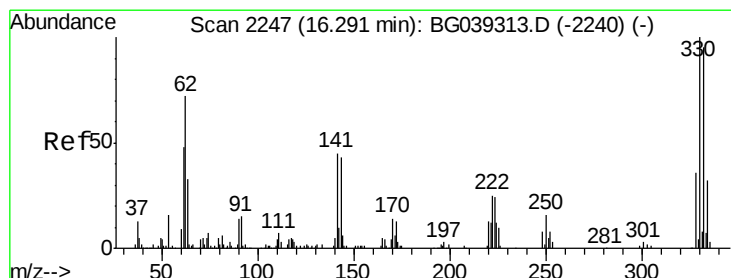
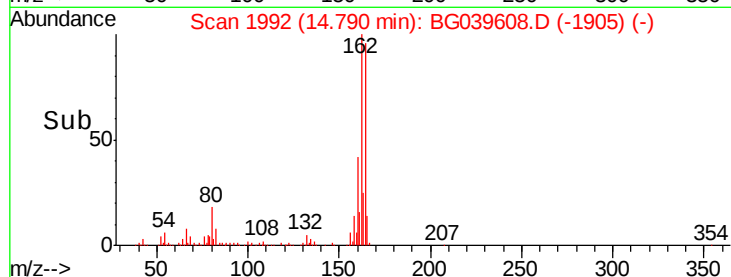
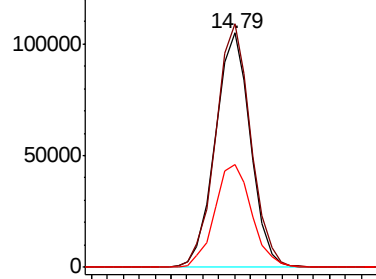


Abundance

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: 156.811 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

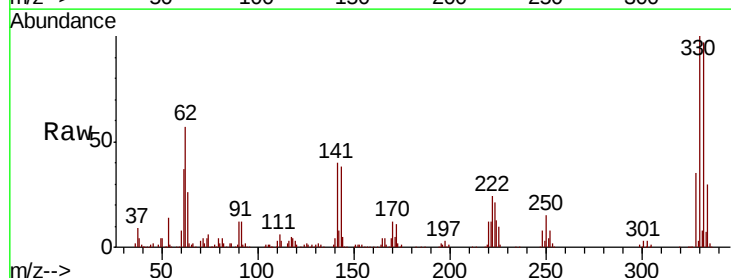
Tgt Ion:330 Resp: 272470

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

141 40.6 35.6 53.4

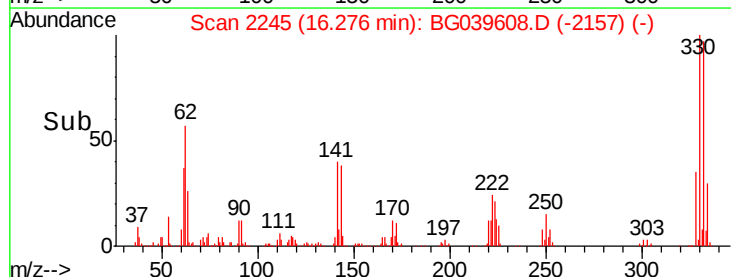
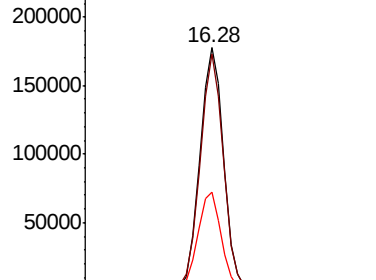


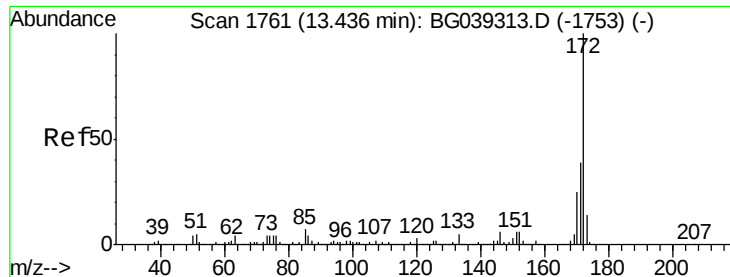
Abundance

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

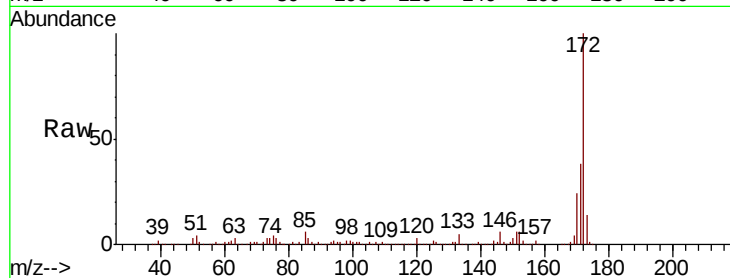




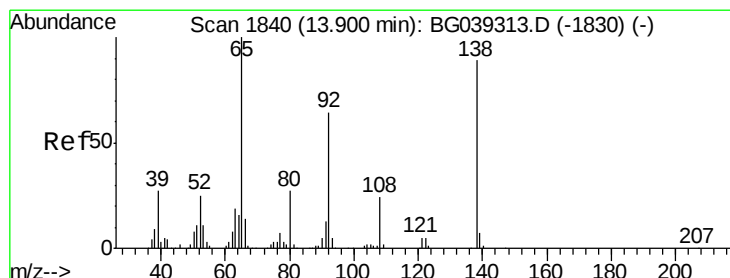
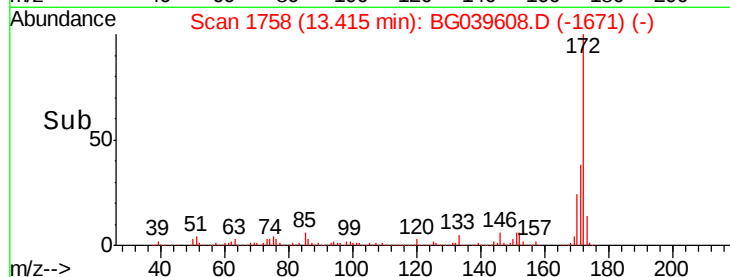
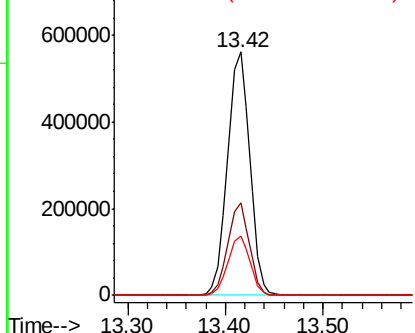
#45
2-Fluorobiphenyl
Concen: 79.485 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Instrument :
BNA_G
ClientSampleId :
SB-04

Tgt Ion: 172 Resp: 894052
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 24.4 20.2 30.4

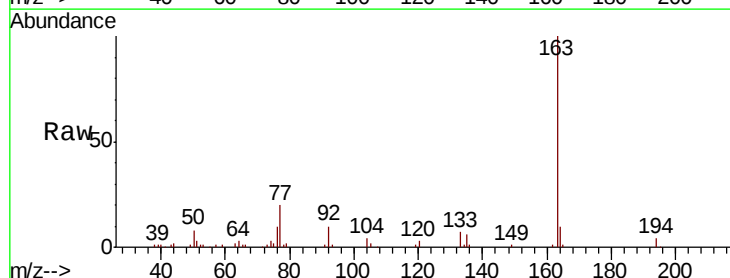


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

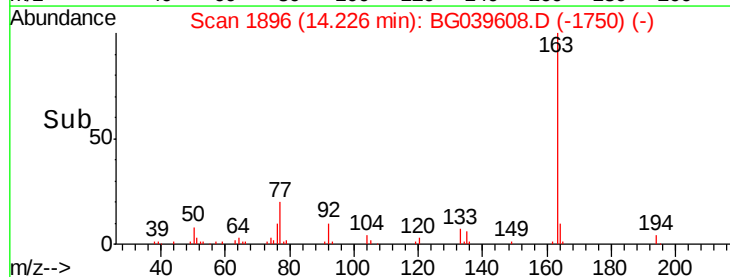
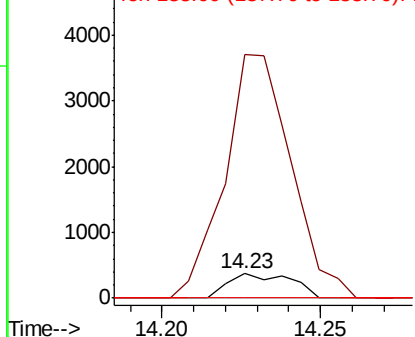


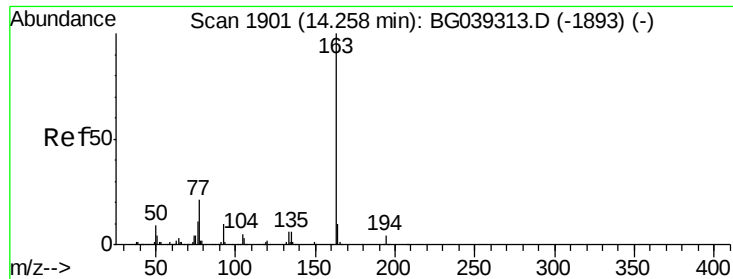
#48
2-Nitroaniline
Concen: 8.442 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.33 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion: 65 Resp: 510
Ion Ratio Lower Upper
65 100
92 1001.1 51.4 77.2#
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E

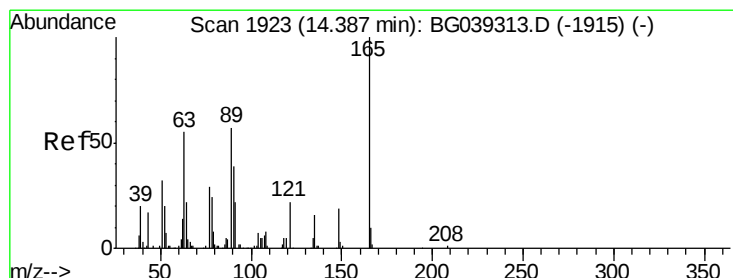
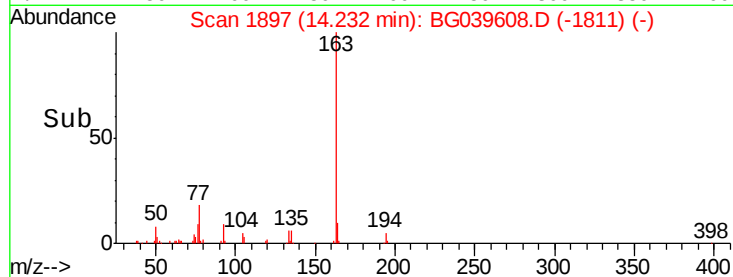
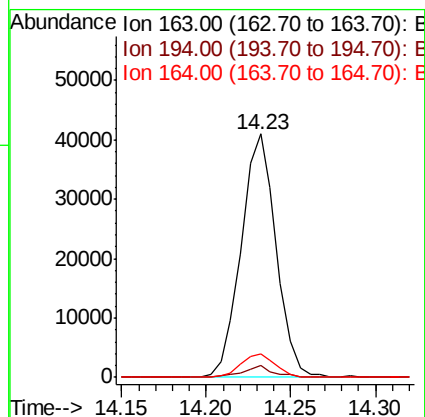
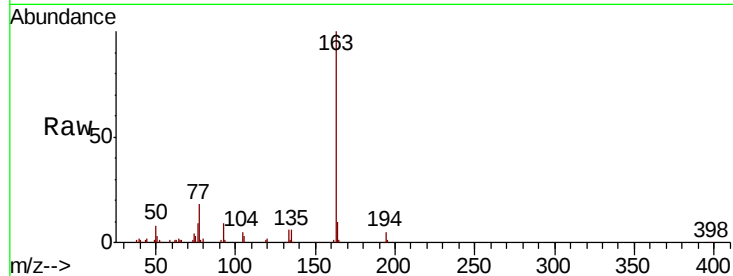




#50
 Dimethylphthalate
 Concen: 4.523 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.03 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

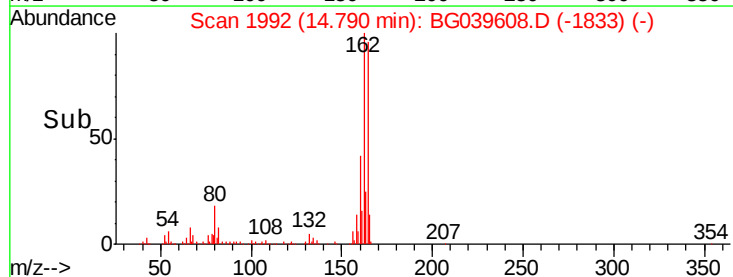
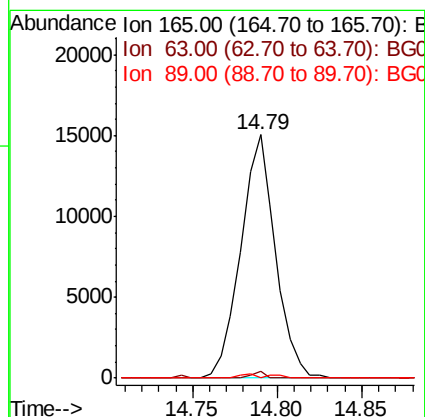
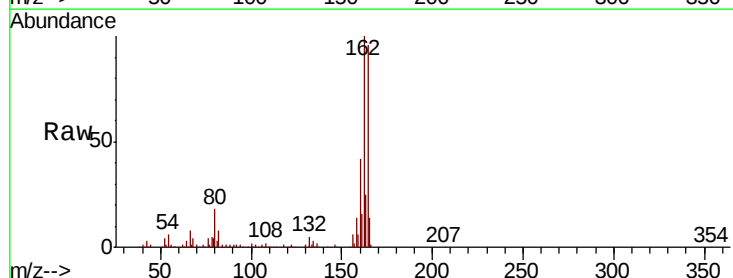
Instrument :
 BNA_G
 ClientSampled :
 SB-04

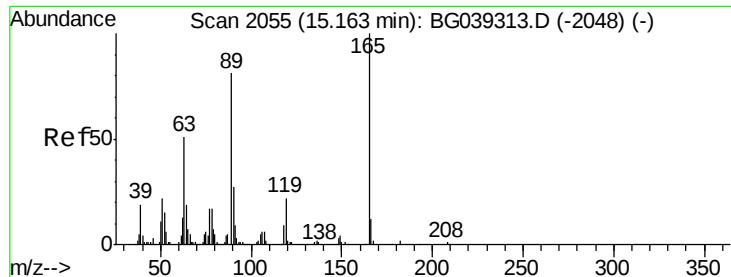
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.6	8.4	12.6



#51
 2,6-Dinitrotoluene
 Concen: 14.168 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.40 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	47.0	70.6#
89	0.0	45.8	68.8#

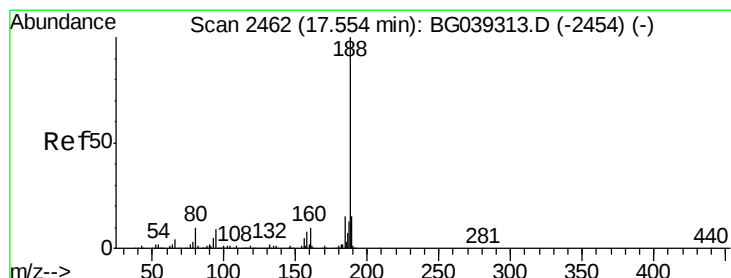
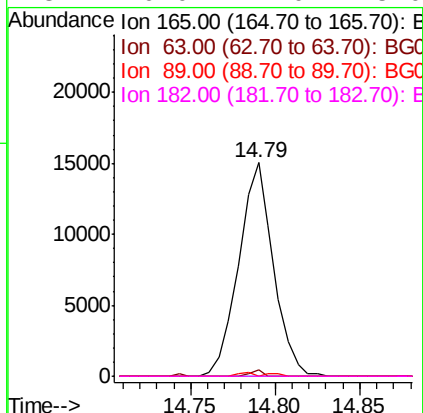
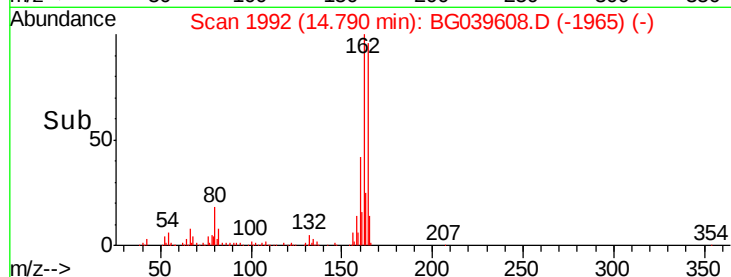
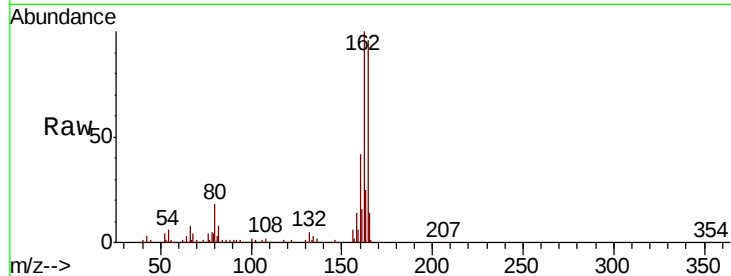




#57
2,4-Dinitrotoluene
Concen: 13.584 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

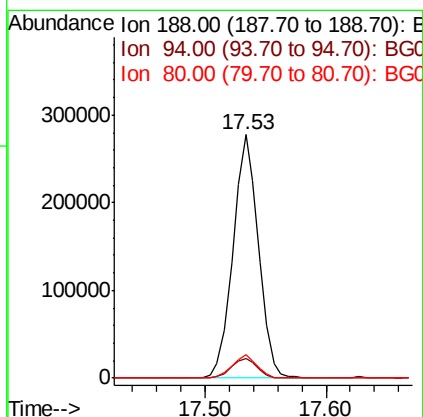
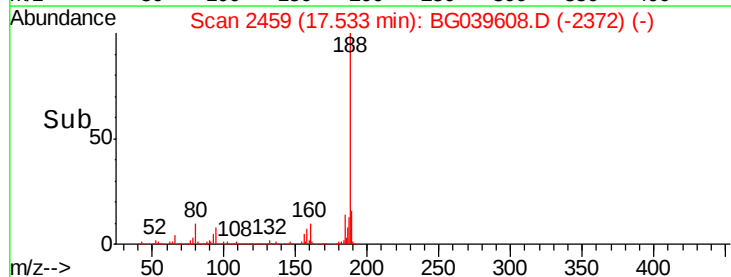
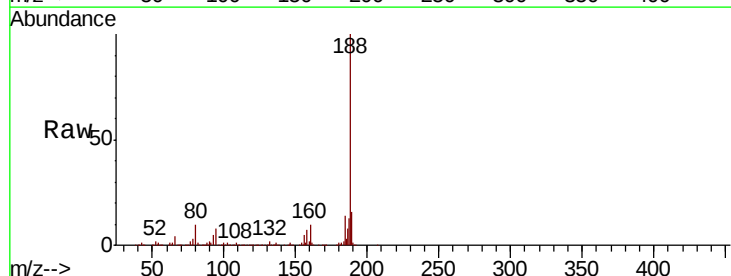
Instrument :
BNA_G
ClientSampleId :
SB-04

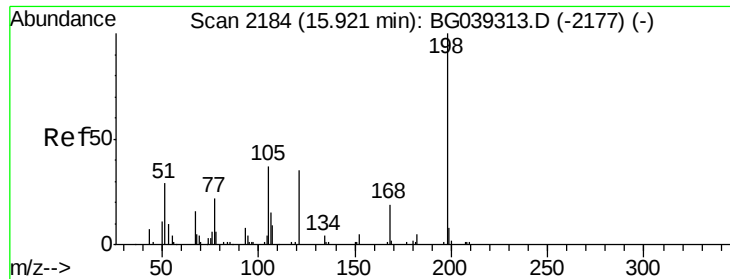
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.5	8.1	12.1

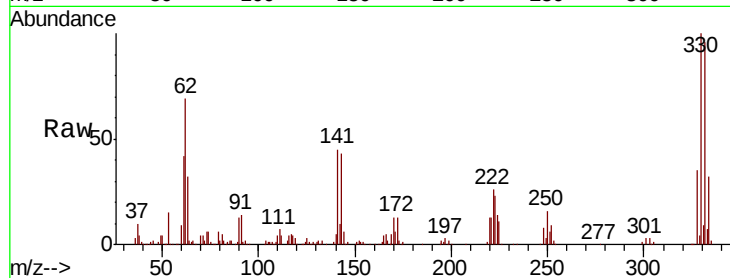




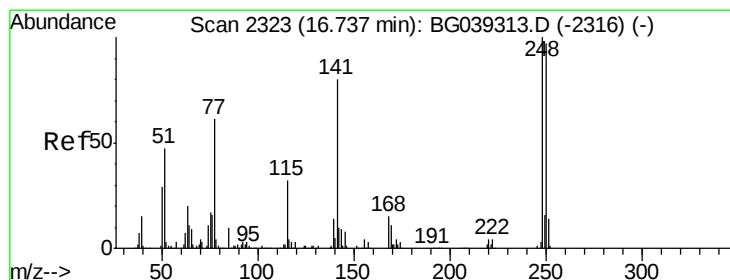
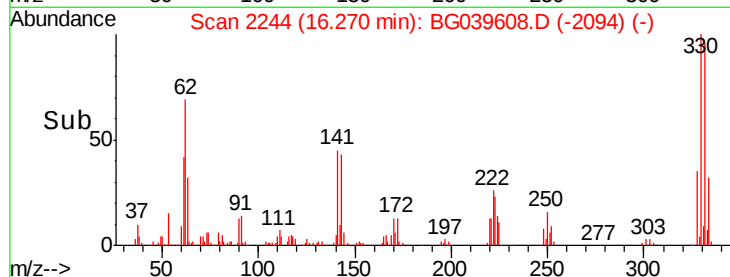
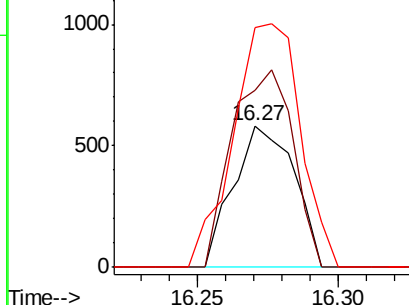
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.860 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.35 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

Instrument :
 BNA_G
 ClientSampled :
 SB-04

Tgt Ion:198 Resp: 867
 Ion Ratio Lower Upper
 198 100
 51 125.4 27.4 67.4#
 105 169.4 19.7 59.7#

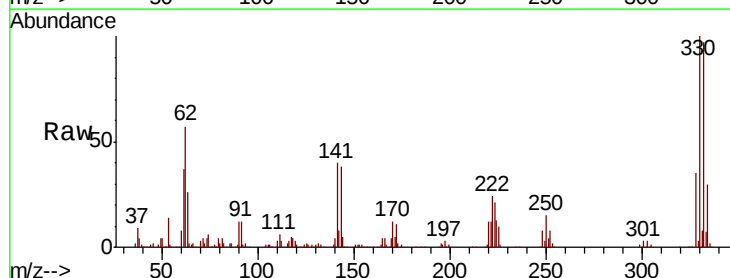


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

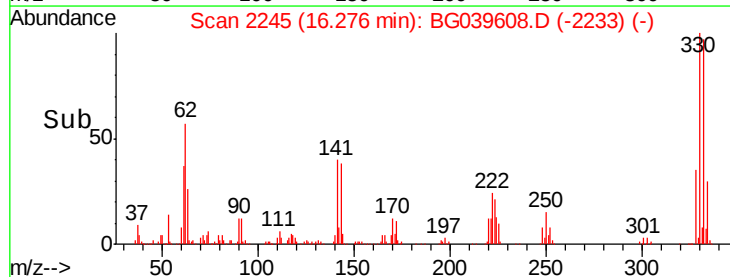
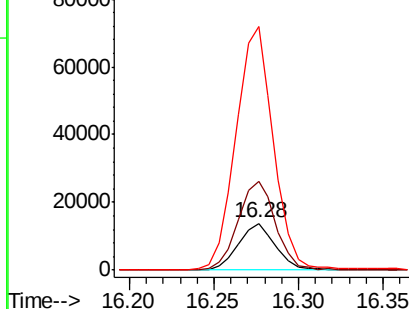


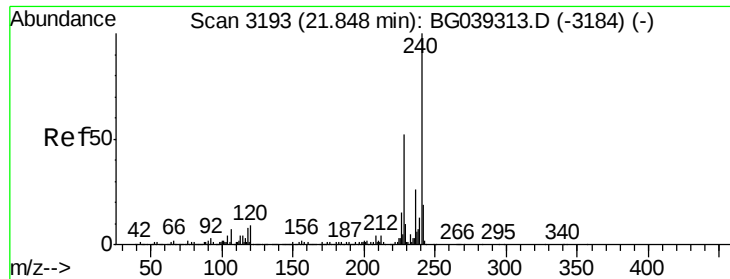
#67
 4-Bromophenyl-phenylether
 Concen: 4.652 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

Tgt Ion:248 Resp: 20952
 Ion Ratio Lower Upper
 248 100
 250 188.8 77.6 116.4#
 141 519.4 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

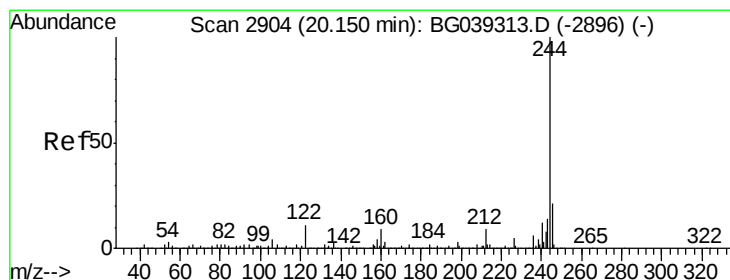
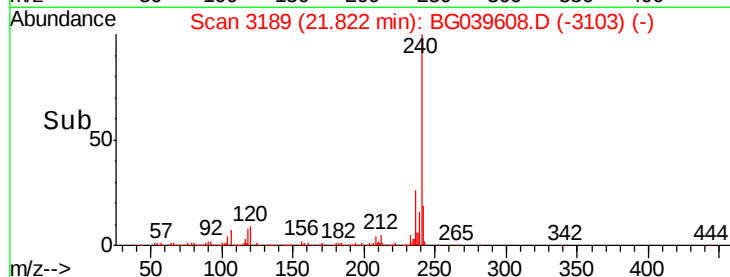
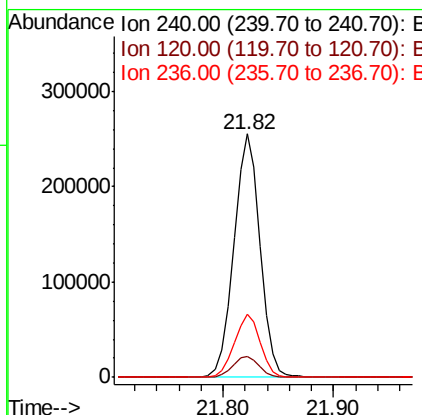
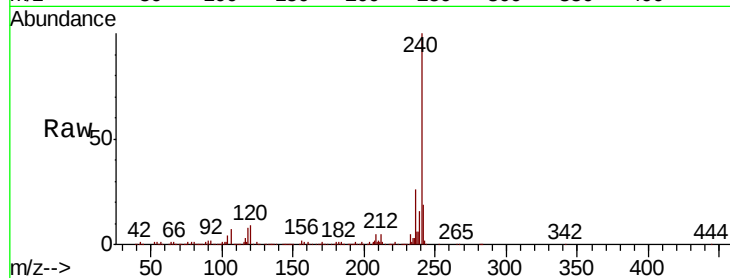




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

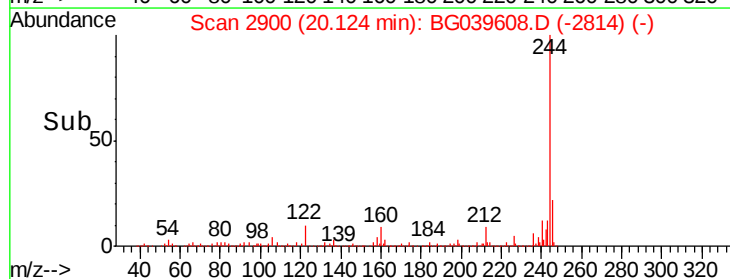
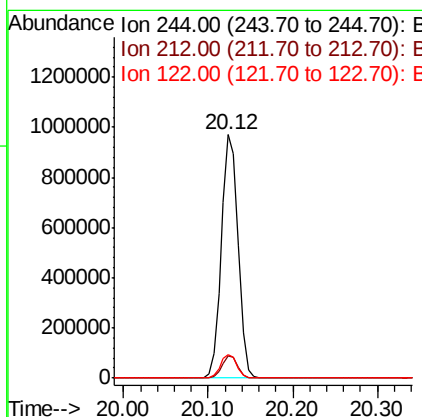
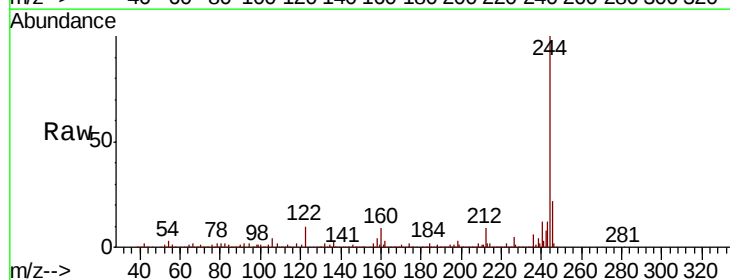
Instrument :
BNA_G
ClientSampleId :
SB-04

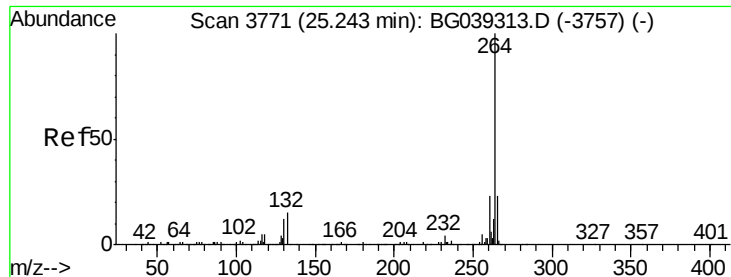
Tgt Ion:240 Resp: 422375
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 67.055 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion:244 Resp: 1338055
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 9.8 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Instrument :
BNA_G
ClientSampleId :
SB-04

Tgt Ion:	264	Resp:	432431
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.2	18.5	27.7

