

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039634.D
 Acq On : 27 Feb 2019 14:40
 Operator : JU/SJ
 Sample : K1594-34
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(9-10)

Quant Time: Feb 27 23:56:30 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	51578	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	217328	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	146520	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	379014	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	382605	20.00	ng	-0.03
87) Perylene-d12	25.20	264	387932	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	432655	143.57	ng	0.00
7) Phenol-d6	7.32	99	618214	139.37	ng	0.00
23) Nitrobenzene-d5	9.34	82	363888	104.60	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	256051	162.29	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	862487	84.44	ng	-0.02
79) Terphenyl-d14	20.13	244	1352691	74.84	ng	-0.02

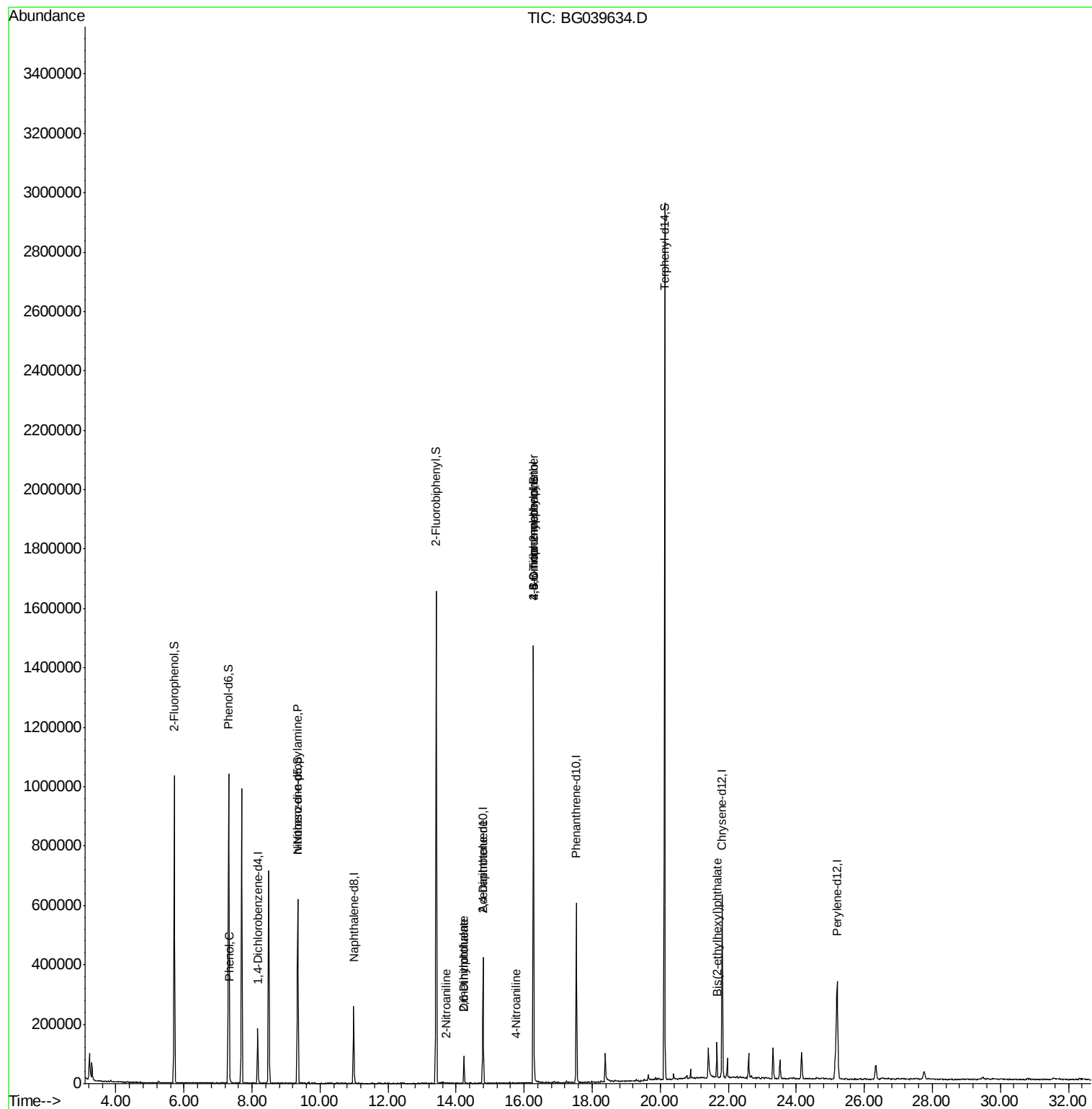
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	1064	Below Cal		# 4
10) Phenol	7.34	94	10581	2.288	ng	# 94
19) n-Nitroso-di-n-propylamine	9.34	70	46836	14.876	ng	# 70
48) 2-Nitroaniline	13.71	65	55	8.314	ng	# 10
50) Dimethylphthalate	14.23	163	64088	5.416	ng	# 96
51) 2,6-Dinitrotoluene	14.23	165	643	6.810	ng	# 10
57) 2,4-Dinitrotoluene	14.79	165	18597	13.320	ng	# 18
62) 4-Nitroaniline	15.76	138	61	4.225	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	1014	5.033	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	19932	4.740	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.67	149	51338	3.582	ng	# 94

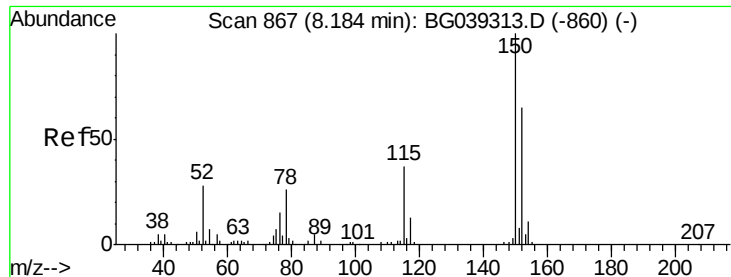
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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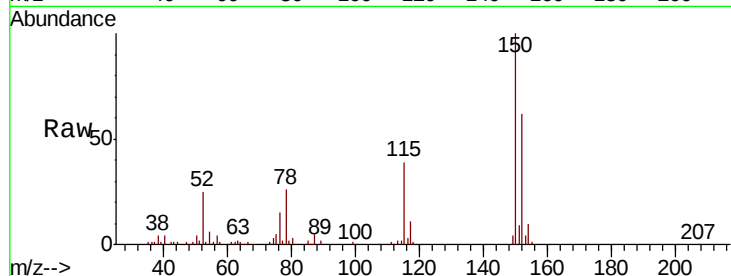


#1

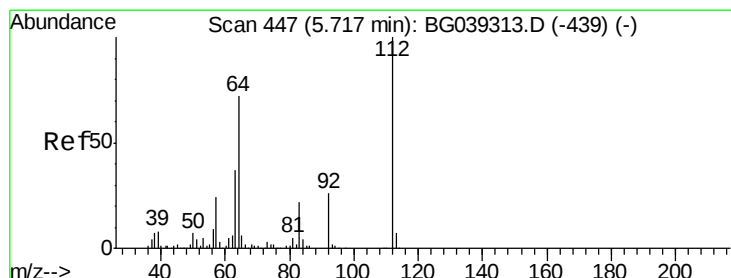
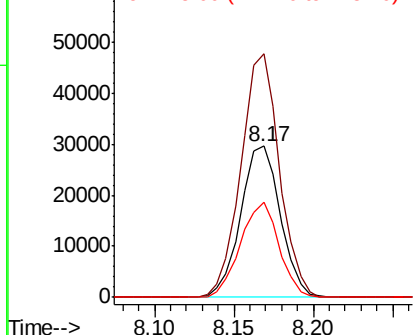
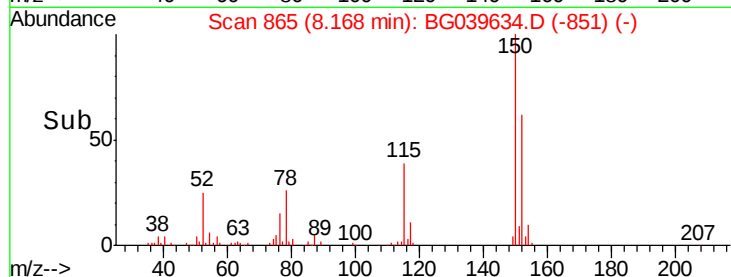
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

Tgt Ion:152 Resp: 51578
Ion Ratio Lower Upper
152 100
150 161.4 123.7 185.5
115 63.0 45.9 68.9



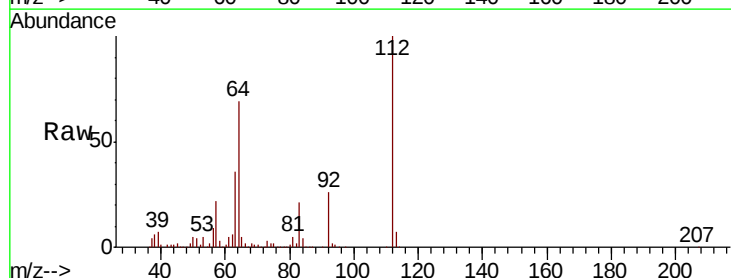
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



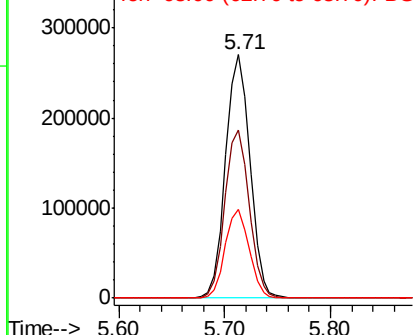
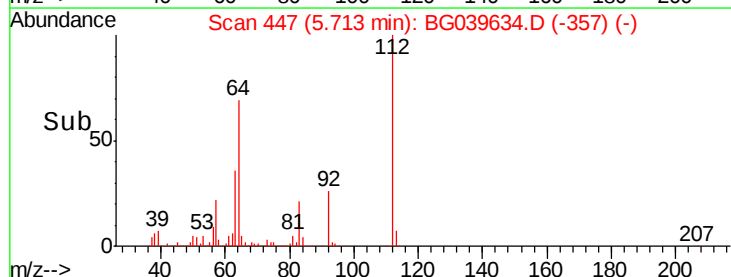
#5

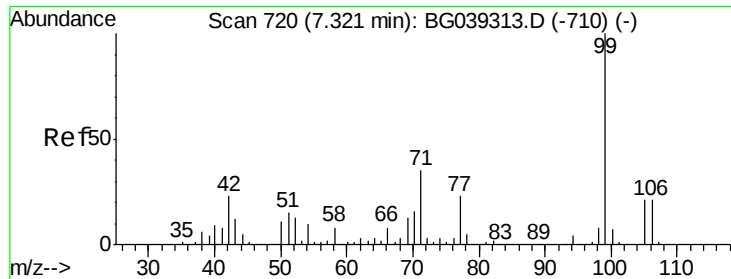
2-Fluorophenol
Concen: 143.568 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

Tgt Ion:112 Resp: 432655
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 36.4 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: 139.365 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

B-6(9-10)

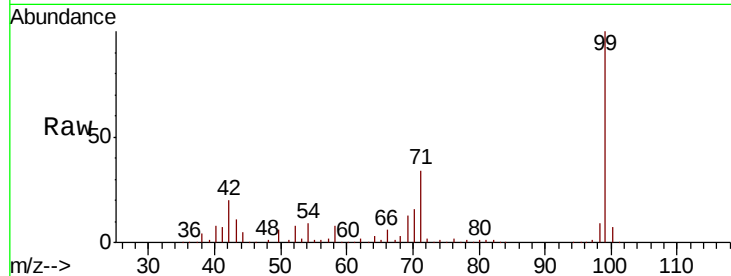
Tgt Ion: 99 Resp: 618214

Ion Ratio Lower Upper

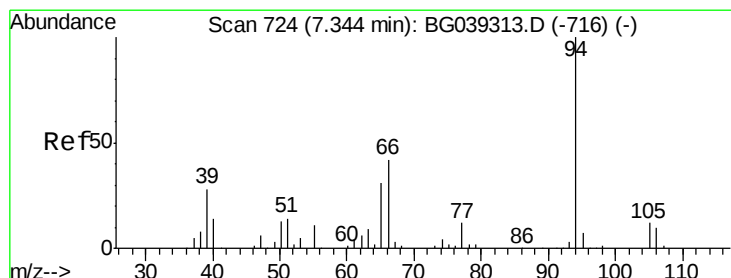
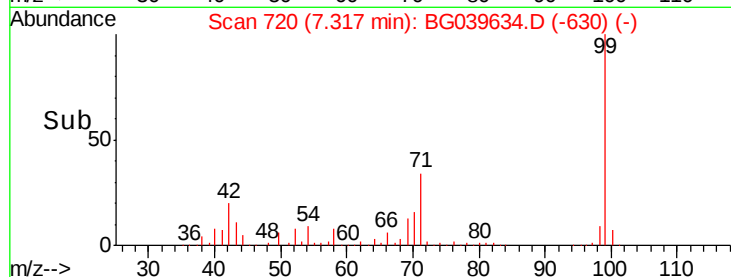
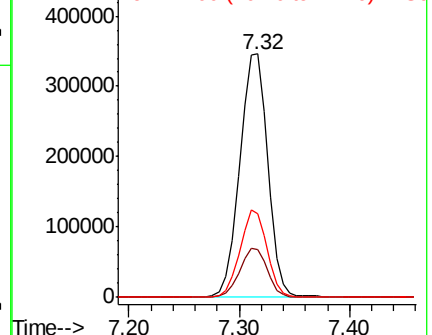
99 100

42 19.9 18.2 27.2

71 34.4 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: 2.288 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

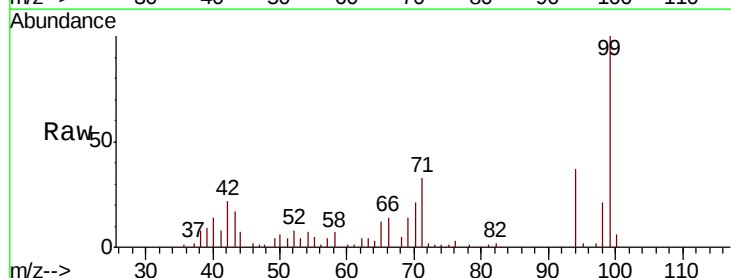
Tgt Ion: 94 Resp: 10581

Ion Ratio Lower Upper

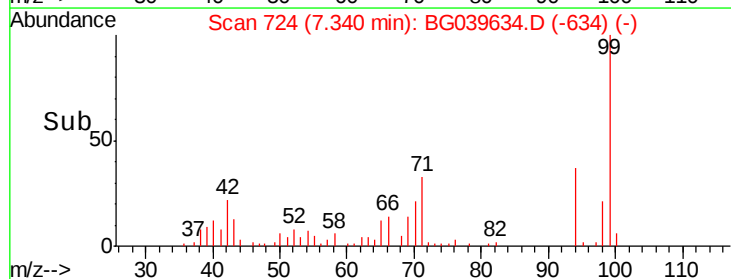
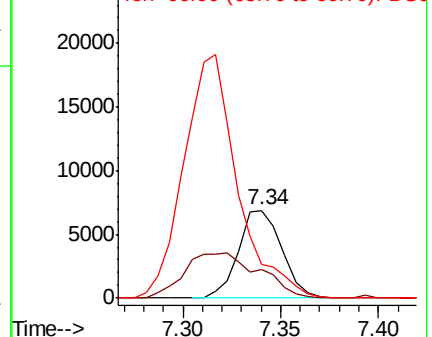
94 100

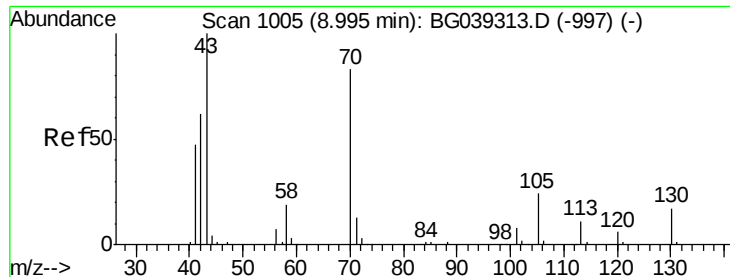
65 32.4 11.7 51.7

66 37.8 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: 14.876 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

B-6(9-10)

Tgt Ion: 70 Resp: 46836

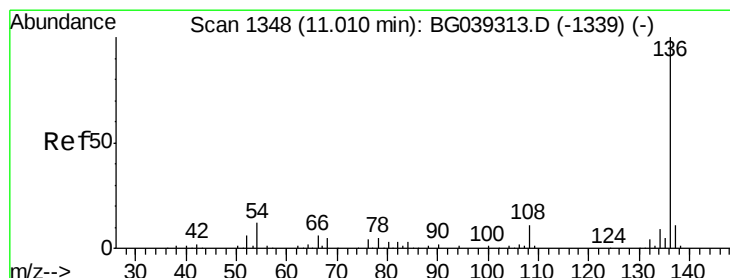
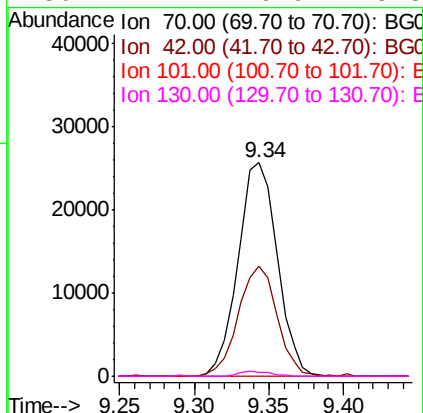
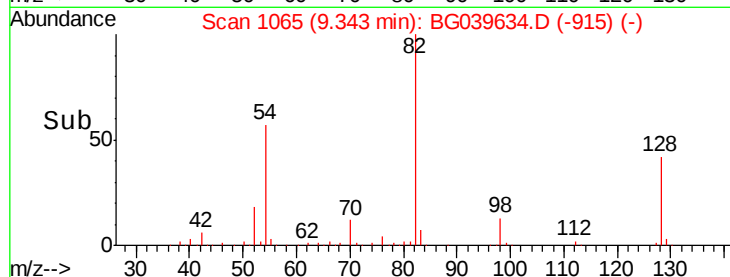
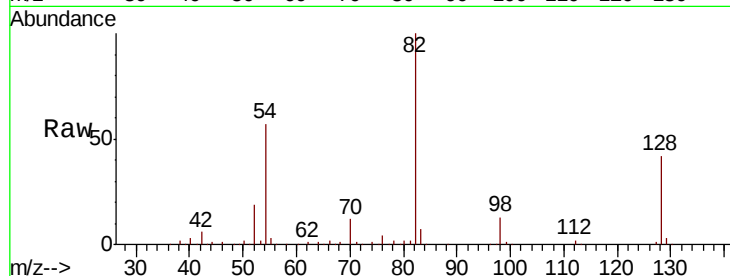
Ion Ratio Lower Upper

70 100

42 51.7 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 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: BG039634.D

Acq: 27 Feb 2019 14:40

Tgt Ion: 136 Resp: 217328

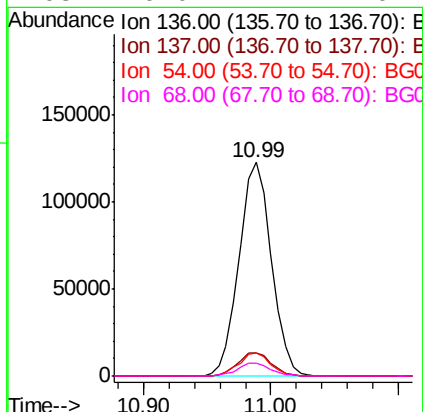
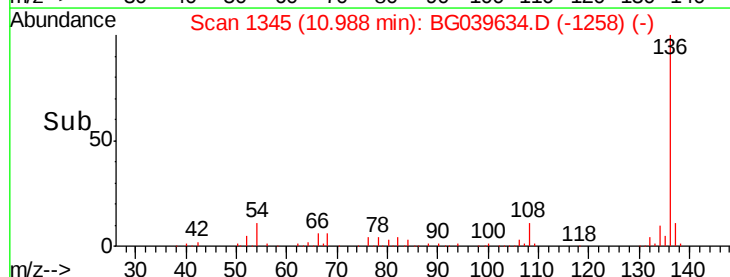
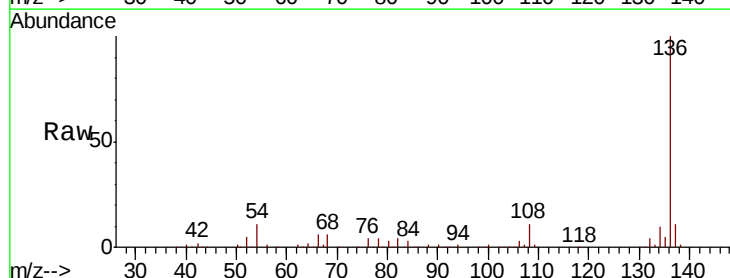
Ion Ratio Lower Upper

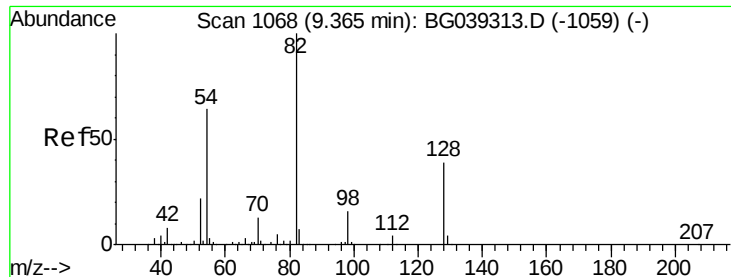
136 100

137 10.7 9.1 13.7

54 10.6 9.4 14.2

68 6.0 4.2 6.4

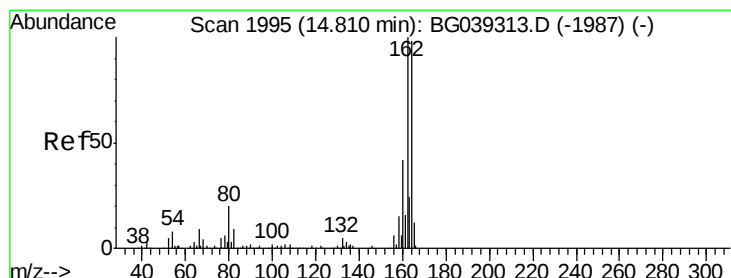
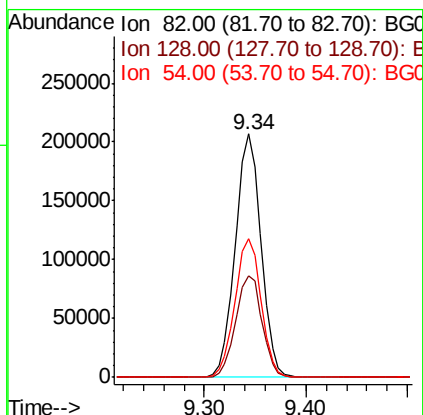
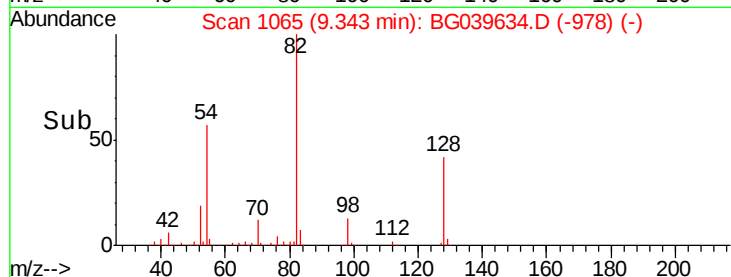
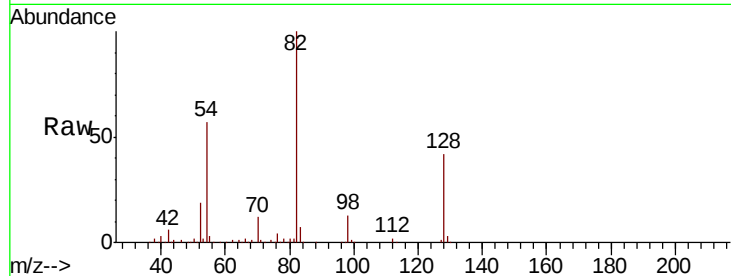




#23
 Nitrobenzene-d5
 Concen: 104.601 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

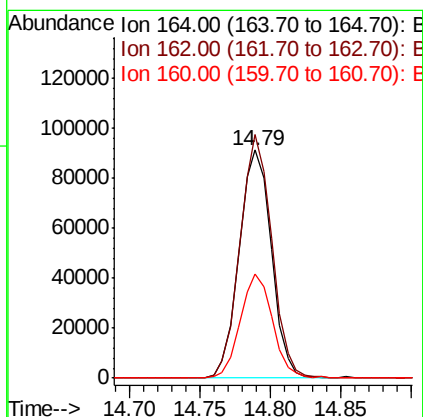
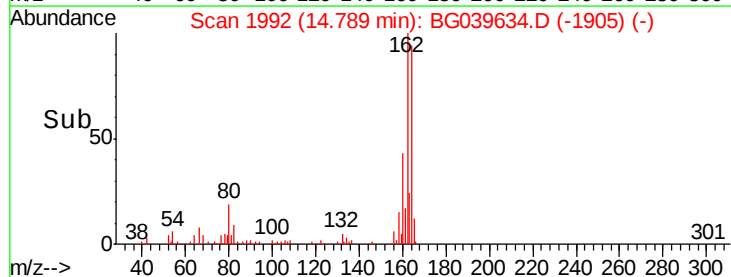
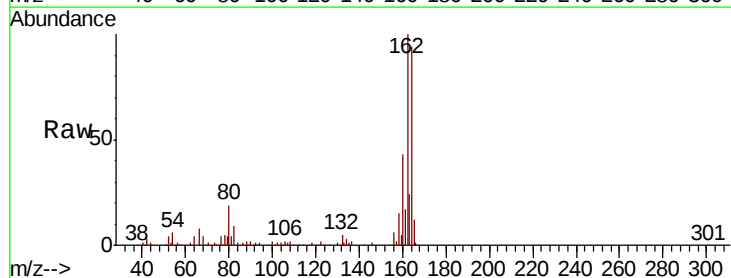
Instrument :
 BNA_G
 ClientSampled :
 B-6(9-10)

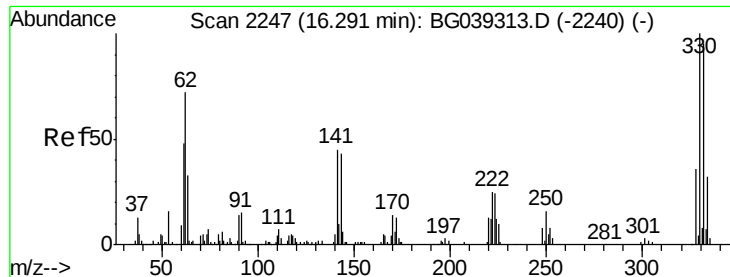
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	57.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.6	122.4
160	45.5	34.2	51.2

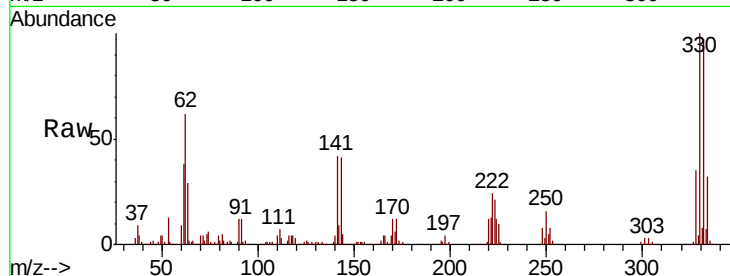




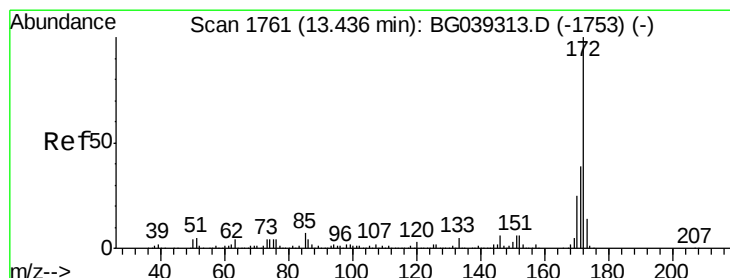
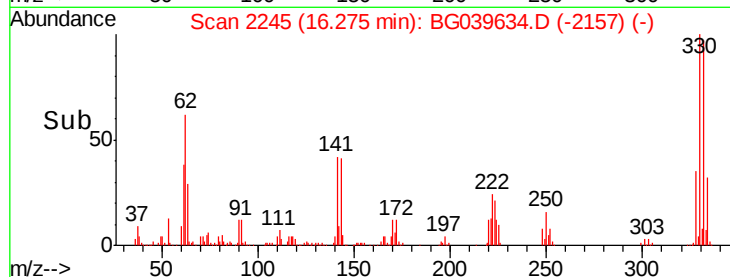
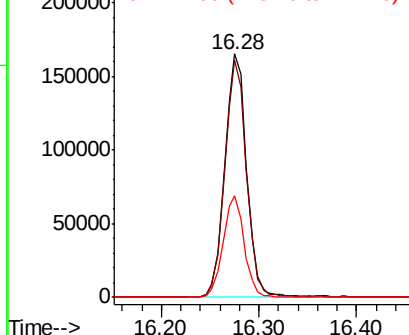
#42
 2,4,6-Tribromophenol
 Concen: 162.287 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

Instrument :
 BNA_G
 ClientSampleId :
 B-6(9-10)

Tgt Ion:330 Resp: 256051
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 40.5 35.6 53.4

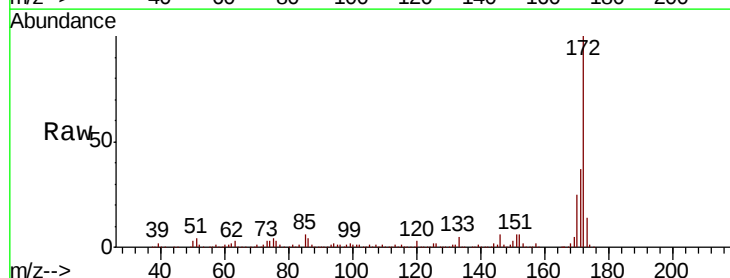


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

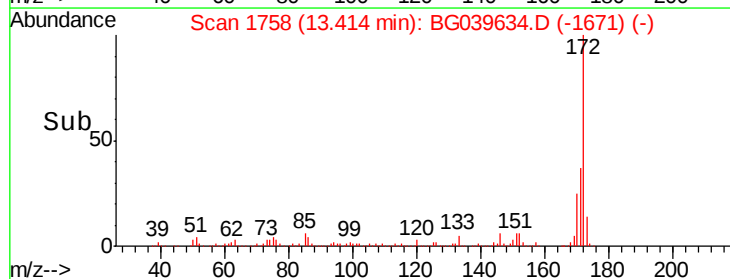
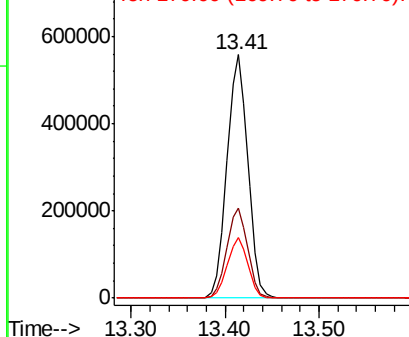


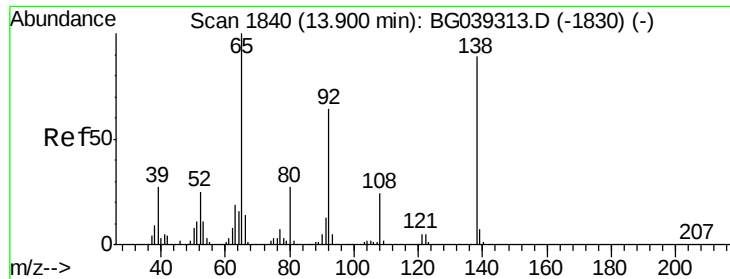
#45
 2-Fluorobiphenyl
 Concen: 84.444 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

Tgt Ion:172 Resp: 862487
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.7 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

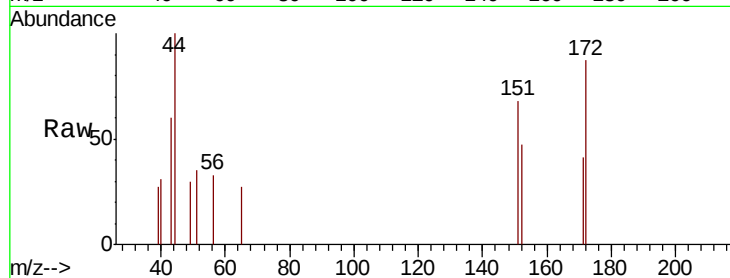




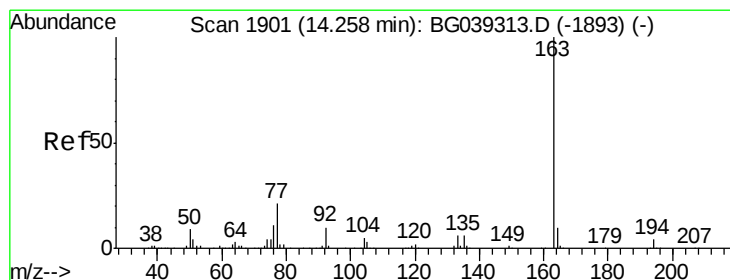
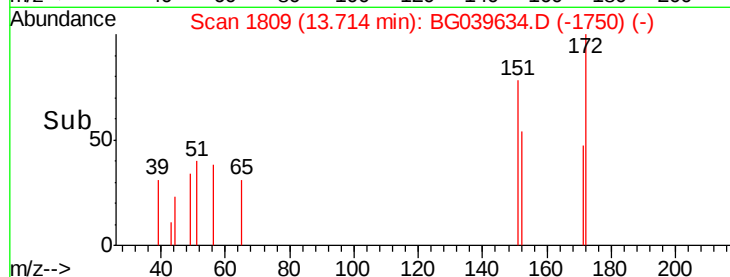
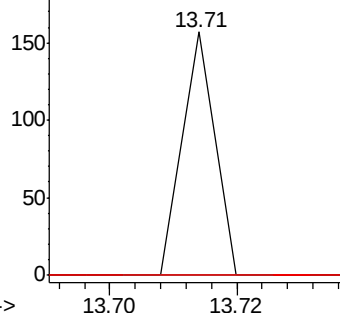
#48
2-Nitroaniline
Concen: 8.314 ng
RT: 13.71 min Scan# 1809
Delta R.T. -0.19 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#

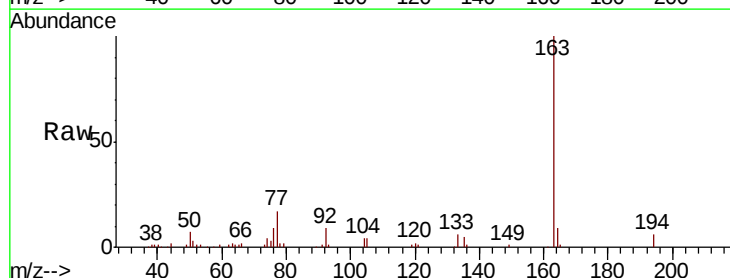


Abundance Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0
Ion 138.00 (137.70 to 138.70): E

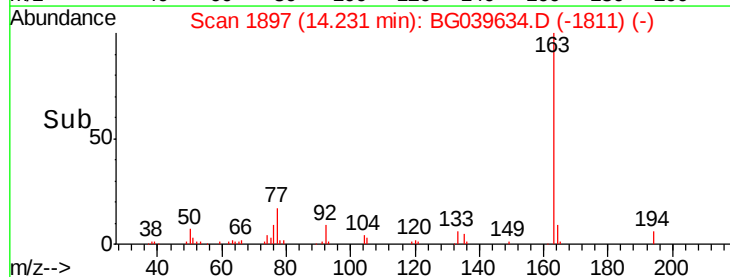
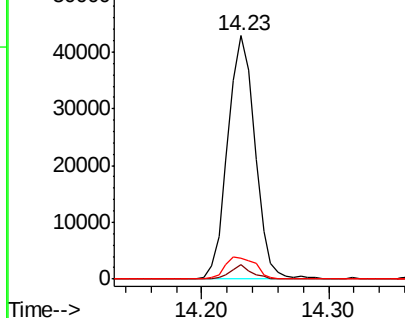


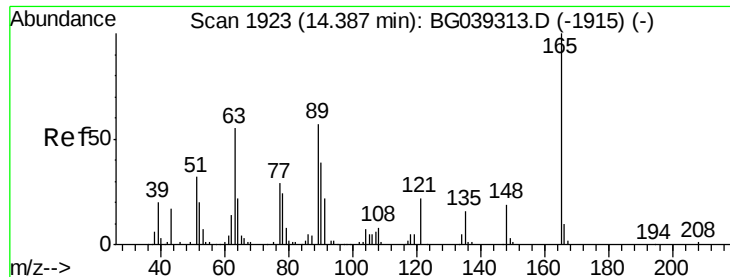
#50
Dimethylphthalate
Concen: 5.416 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

Tgt Ion: 163 Resp: 64088
Ion Ratio Lower Upper
163 100
194 5.8 3.6 5.4#
164 8.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 6.810 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.16 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

B-6(9-10)

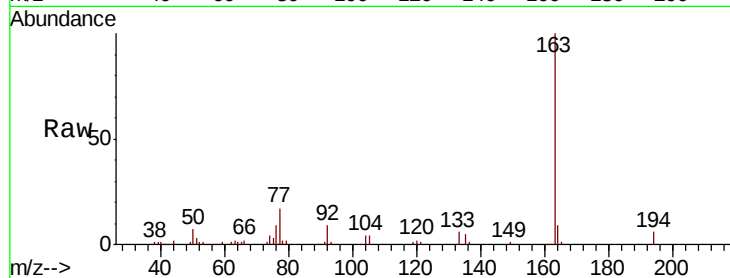
Tgt Ion:165 Resp: 643

Ion Ratio Lower Upper

165 100

63 177.3 47.0 70.6#

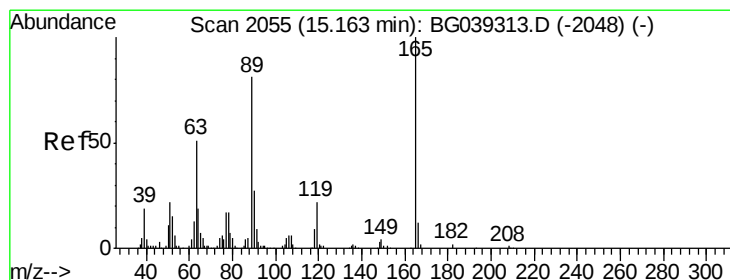
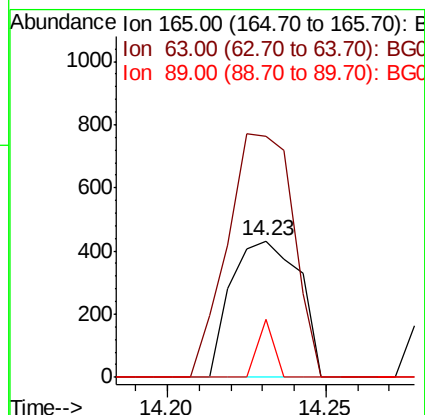
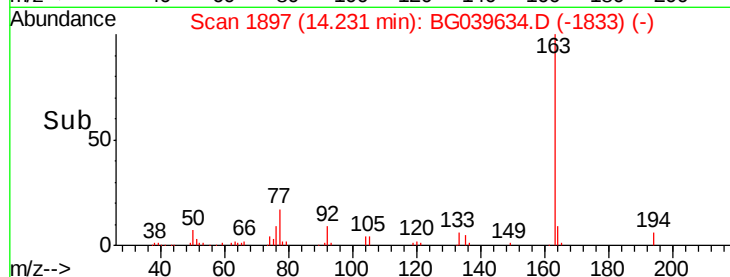
89 42.2 45.8 68.8#



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



#57

2,4-Dinitrotoluene

Concen: 13.320 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.37 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Tgt Ion:165 Resp: 18597

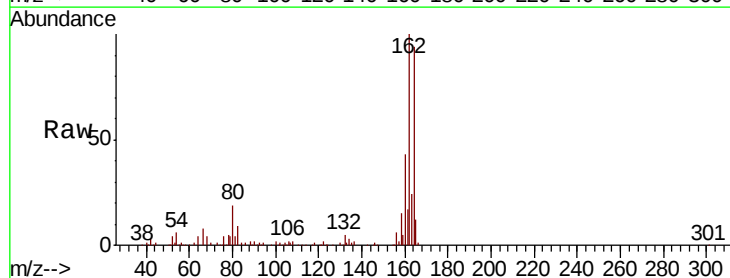
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.9 64.6 96.8#

182 0.0 2.0 3.0#

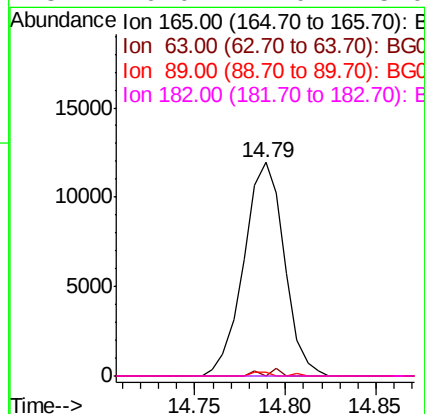
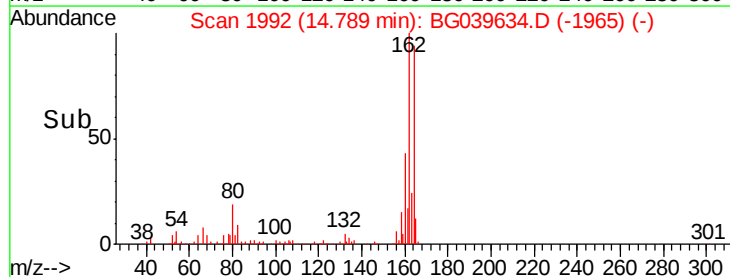


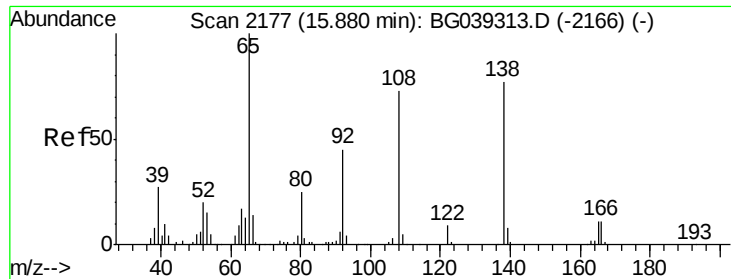
Abundance Ion 165.00 (164.70 to 165.70): E

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

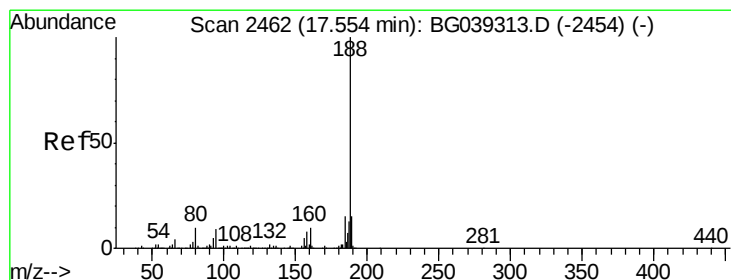
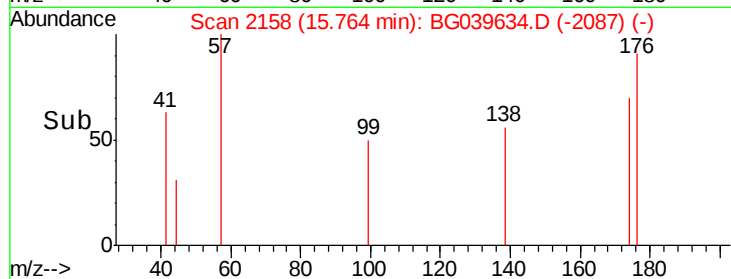
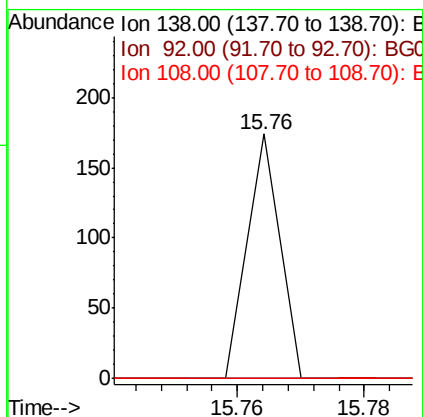
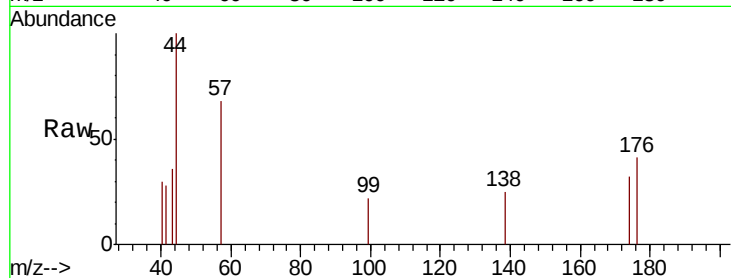




#62
 4-Nitroaniline
 Concen: 4.225 ng
 RT: 15.76 min Scan# 2158
 Delta R.T. -0.11 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

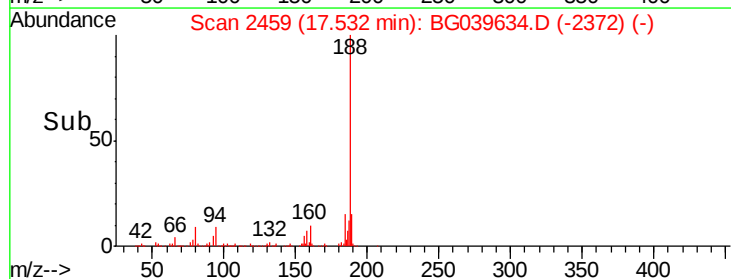
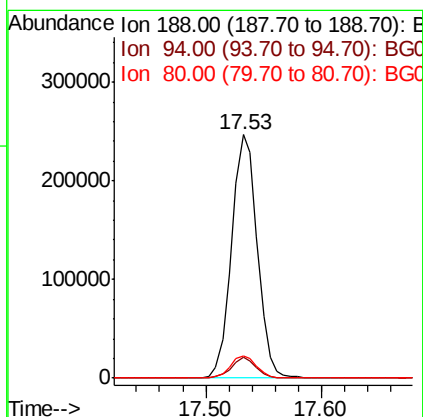
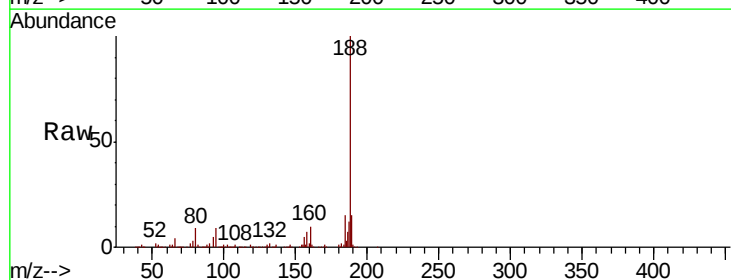
Instrument :
 BNA_G
 ClientSampleId :
 B-6(9-10)

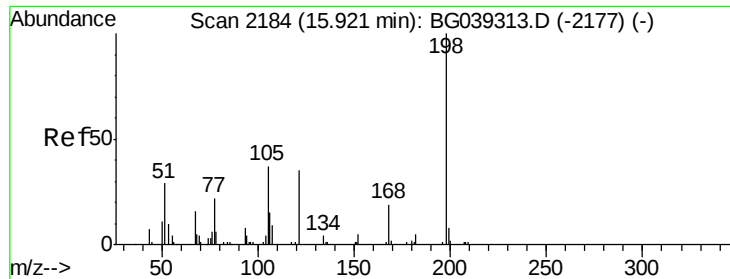
Tgt Ion:138 Resp: 61
 Ion Ratio Lower Upper
 138 100
 92 0.0 38.7 78.7#
 108 0.0 74.6 114.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BG039634.D
 Acq: 27 Feb 2019 14:40

Tgt Ion:188 Resp: 379014
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.9 10.3
 80 9.2 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.033 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.36 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

B-6(9-10)

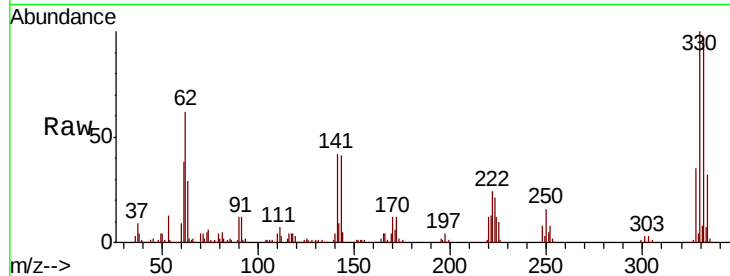
Tgt Ion:198 Resp: 1014

Ion Ratio Lower Upper

198 100

51 112.4 27.4 67.4#

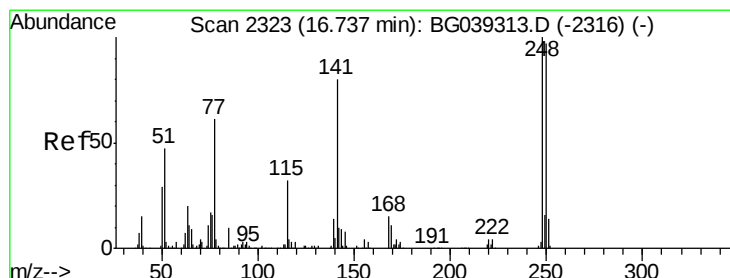
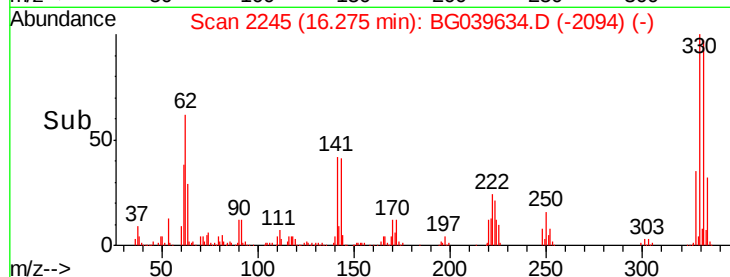
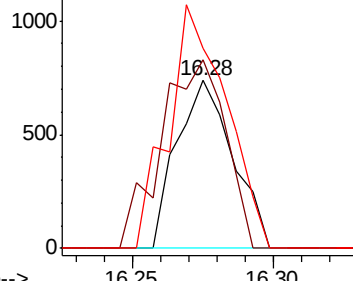
105 119.1 19.7 59.7#



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: 4.740 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.46 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

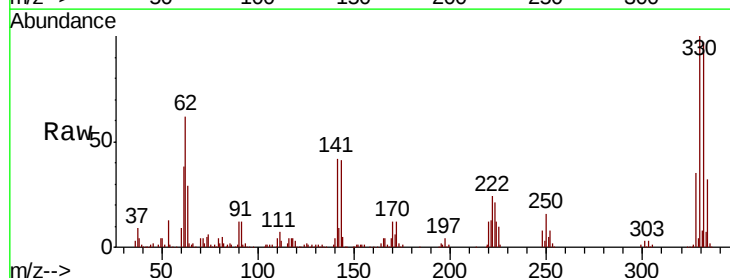
Tgt Ion:248 Resp: 19932

Ion Ratio Lower Upper

248 100

250 206.1 77.6 116.4#

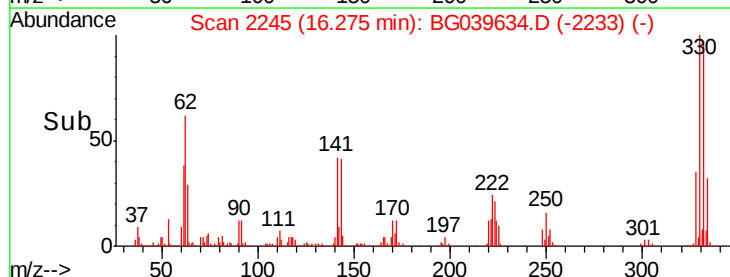
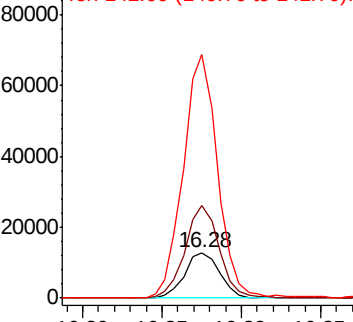
141 538.7 63.9 95.9#

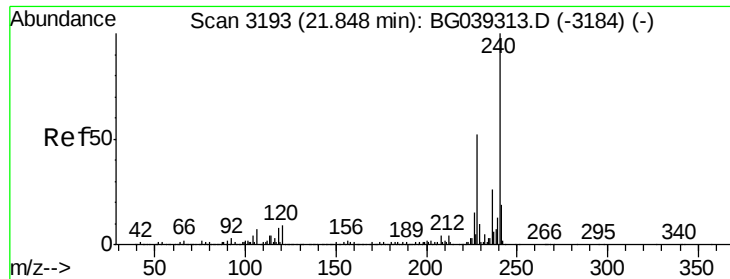


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

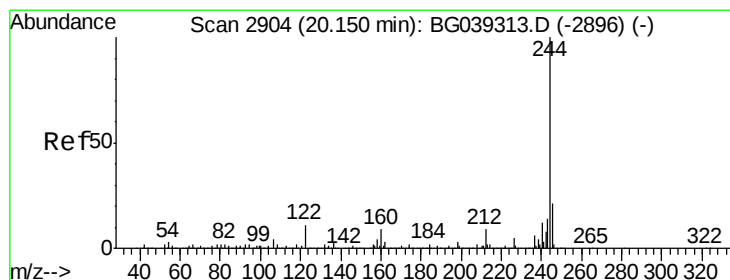
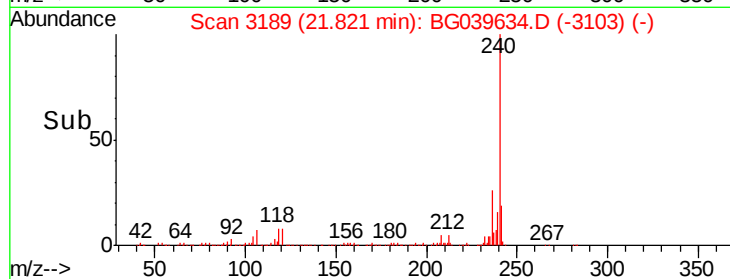
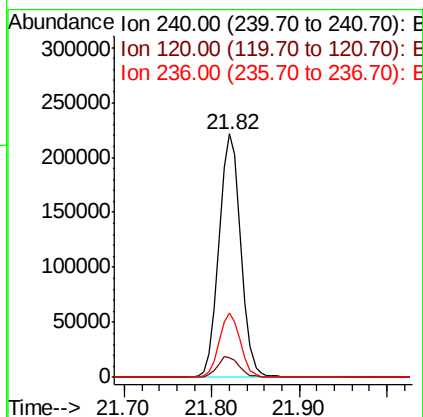
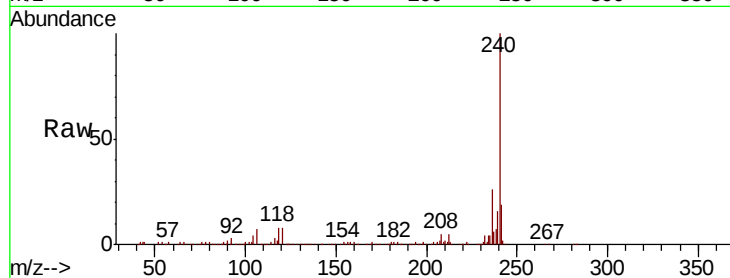




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

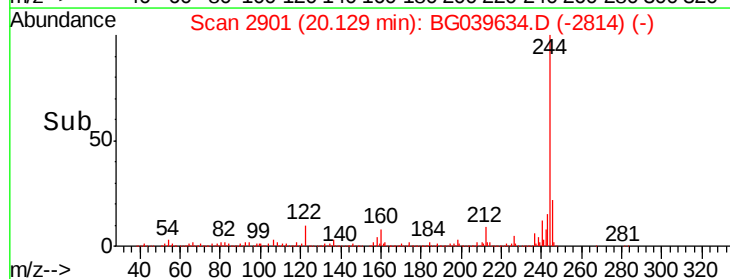
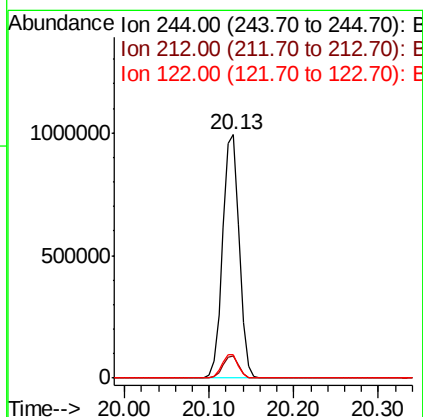
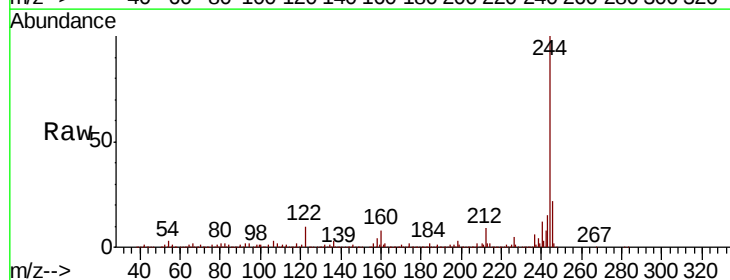
Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

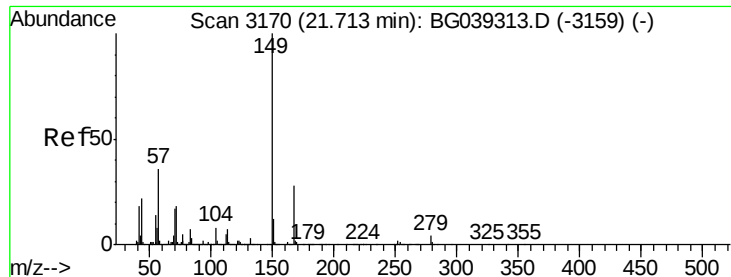
Tgt Ion:240 Resp: 382605
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.4 21.0 31.4



#79
Terphenyl-d14
Concen: 74.835 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039634.D
Acq: 27 Feb 2019 14:40

Tgt Ion:244 Resp: 1352691
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 9.5 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.582 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

B-6(9-10)

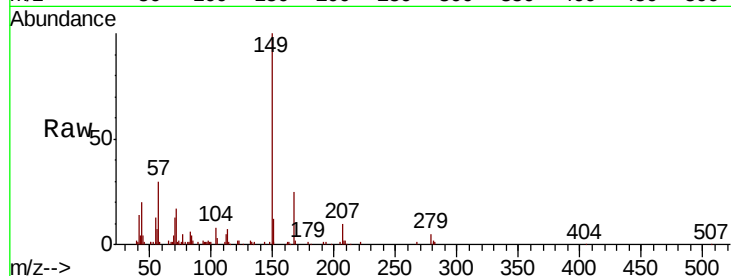
Tgt Ion:149 Resp: 51338

Ion Ratio Lower Upper

149 100

167 25.1 22.6 34.0

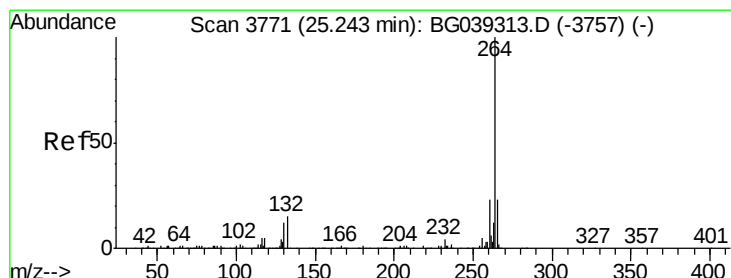
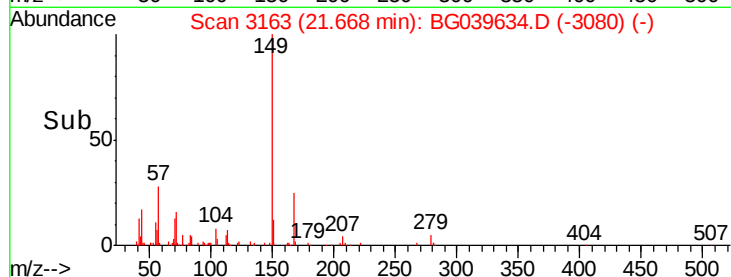
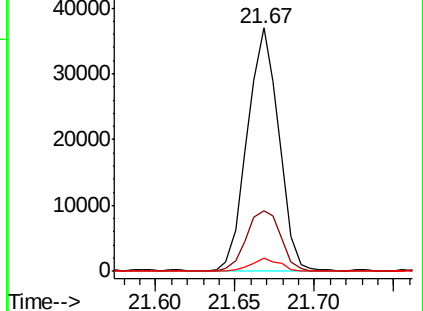
279 5.4 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039634.D

Acq: 27 Feb 2019 14:40

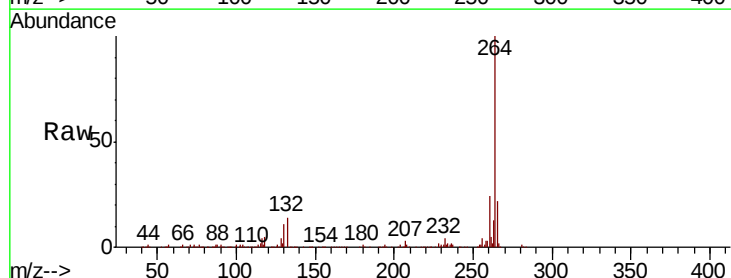
Tgt Ion:264 Resp: 387932

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.6 18.5 27.7



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

