

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
 Data File : BG041039.D
 Acq On : 3 Jun 2019 18:09
 Operator : HP/JU
 Sample : K3097-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Quant Time: Jun 04 08:05:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

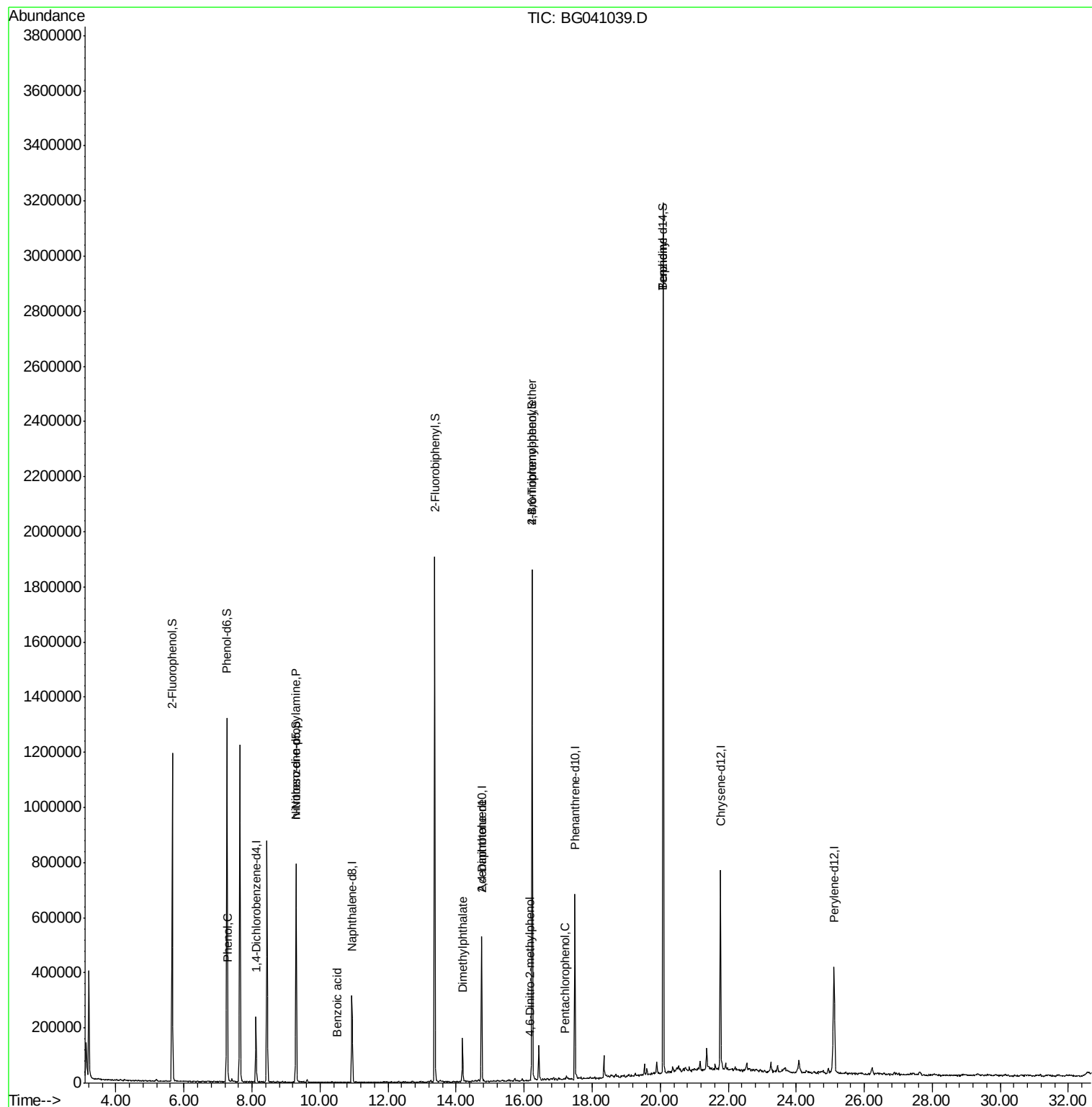
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61735	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	250260	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	176414	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	425756	20.00	ng	0.00
76) Chrysene-d12	21.77	240	428536	20.00	ng	-0.01
87) Perylene-d12	25.11	264	462429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	466453	136.25	ng	0.00
7) Phenol-d6	7.27	99	684916	129.54	ng	0.00
23) Nitrobenzene-d5	9.30	82	472982	83.90	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	348166	132.94	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	968952	79.10	ng	-0.01
79) Terphenyl-d14	20.09	244	1490860	73.84	ng	0.00
Target Compounds						
10) Phenol	7.29	94	21654	3.820	ng	Qvalue 100
19) n-Nitroso-di-n-propylamine	9.30	70	67881	16.683	ng	# 77
32) Benzoic acid	10.50	122	54	8.145	ng	# 1
50) Dimethylphthalate	14.19	163	106882	7.157	ng	98
57) 2,4-Dinitrotoluene	14.75	165	22700	4.991	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.16	198	62	8.612	ng	# 1
67) 4-Bromophenyl-phenylether	16.24	248	26610	4.631	ng	# 1
70) Pentachlorophenol	17.20	266	80	4.279	ng	# 18
77) Benzidine	20.09	184	27653	2.705	ng	# 96

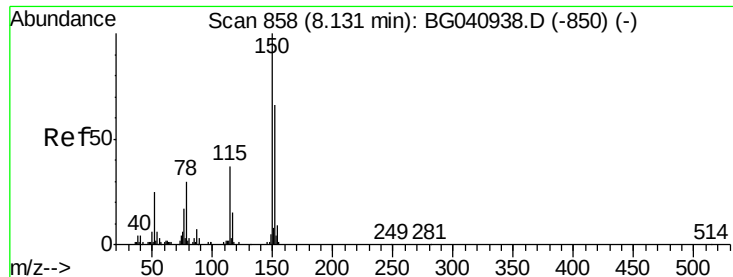
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

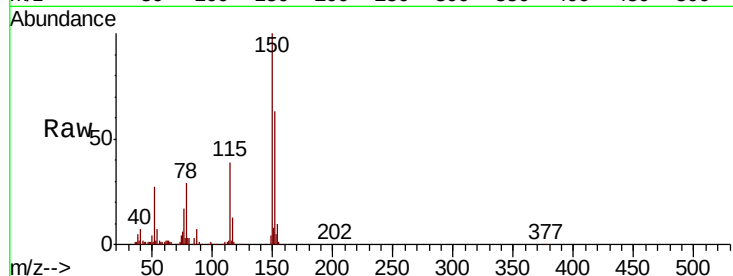
Tgt Ion:152 Resp: 61735

Ion Ratio Lower Upper

152 100

150 160.0 120.6 180.8

115 62.0 45.1 67.7

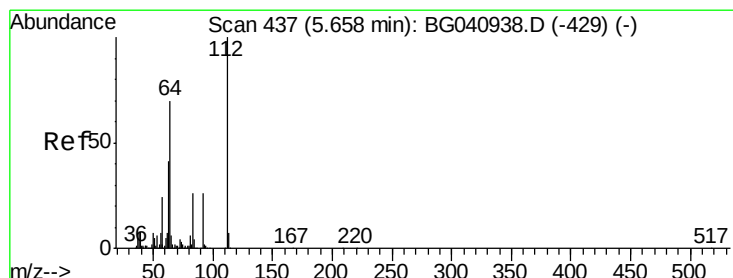
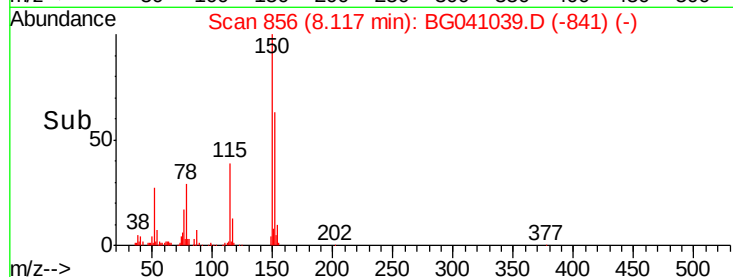
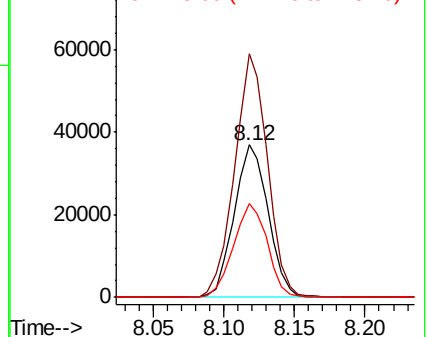


Abundance

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



#5

2-Fluorophenol

Concen: 136.246 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

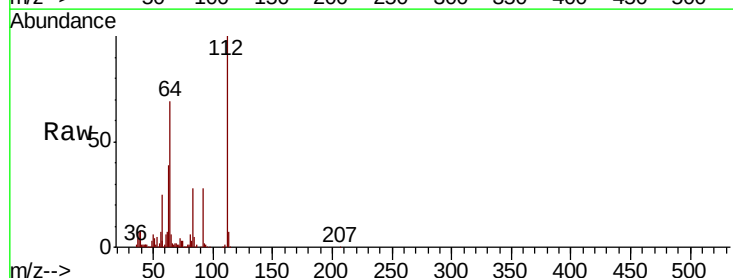
Tgt Ion:112 Resp: 466453

Ion Ratio Lower Upper

112 100

64 69.3 56.2 84.2

63 39.4 32.8 49.2

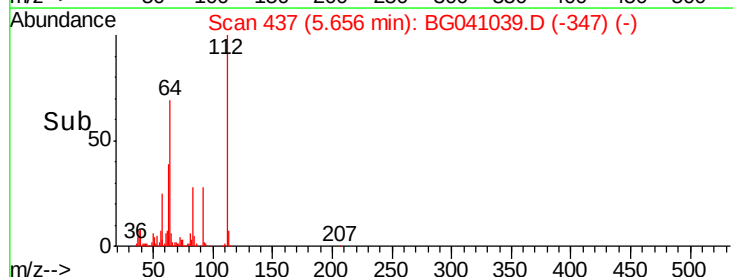
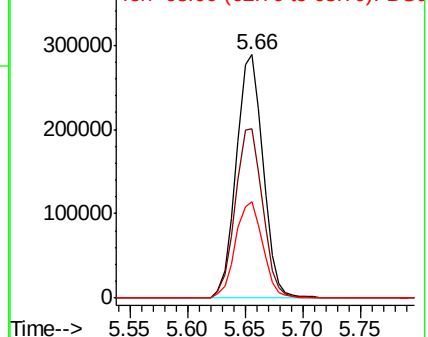


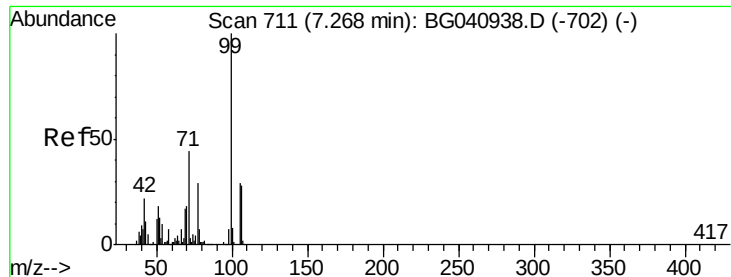
Abundance

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: 129.537 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

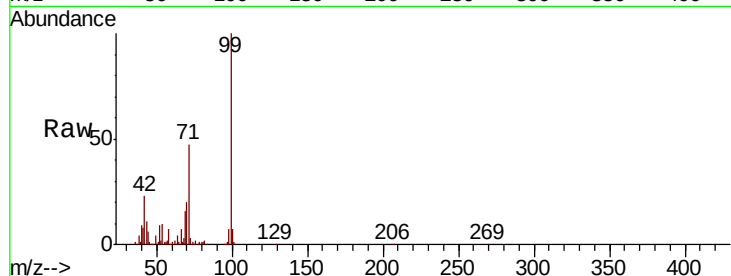
Tgt Ion: 99 Resp: 684916

Ion Ratio Lower Upper

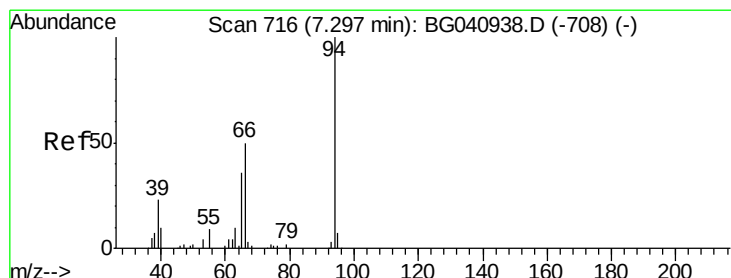
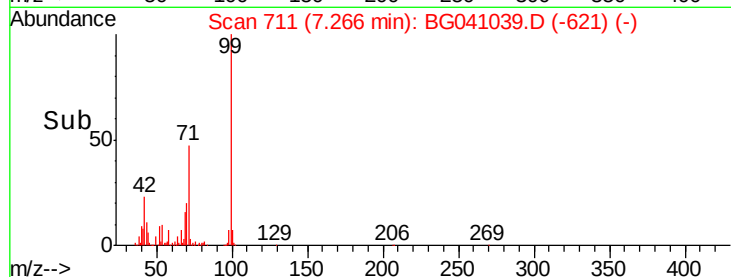
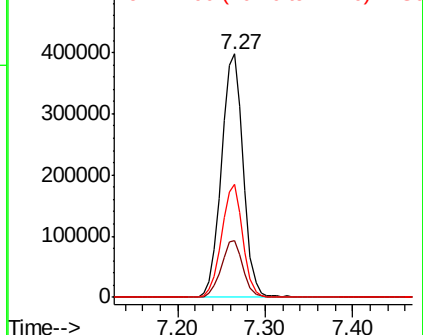
99 100

42 23.4 17.9 26.9

71 46.5 35.4 53.0



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: 3.820 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

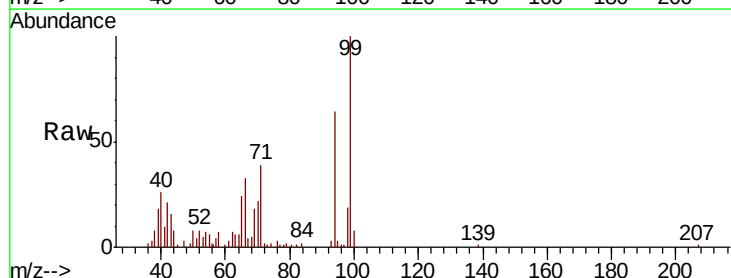
Tgt Ion: 94 Resp: 21654

Ion Ratio Lower Upper

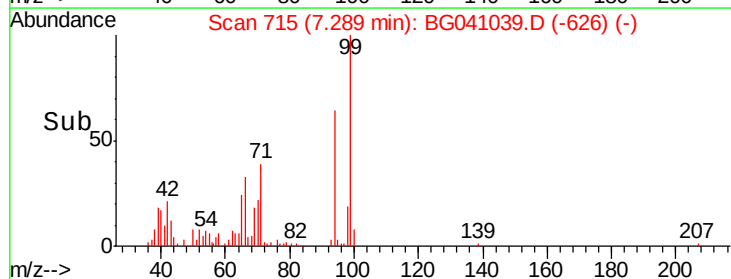
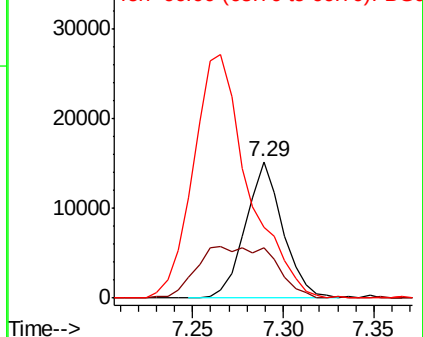
94 100

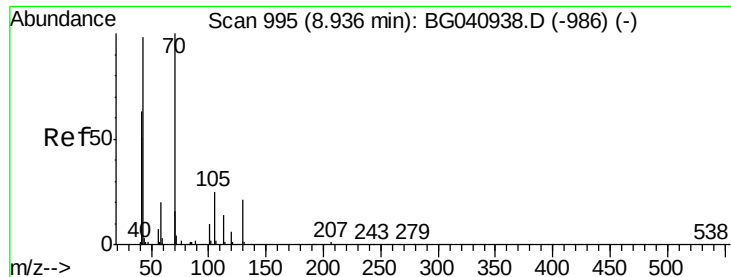
65 36.9 17.0 57.0

66 52.3 32.4 72.4



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: 16.683 ng

RT: 9.30 min Scan# 1057

Delta R.T. 0.36 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

Tgt Ion: 70 Resp: 67881

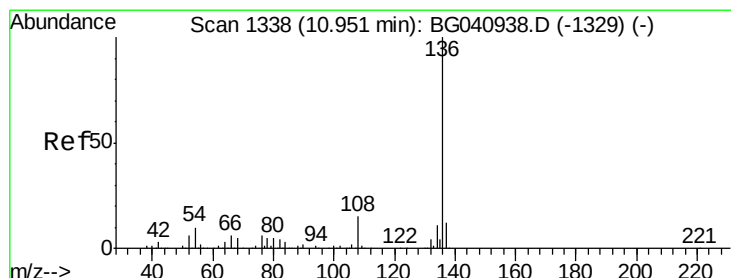
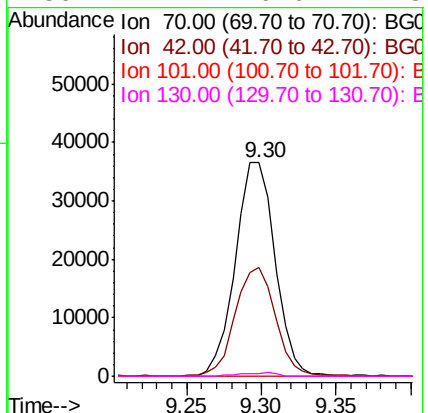
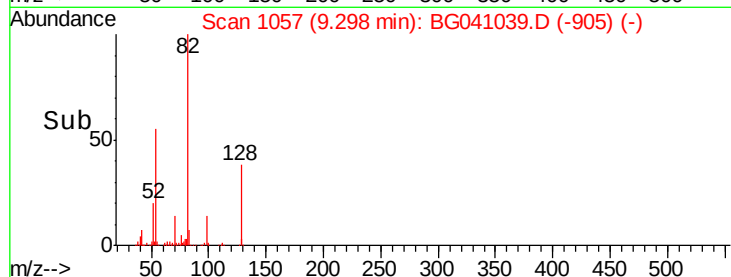
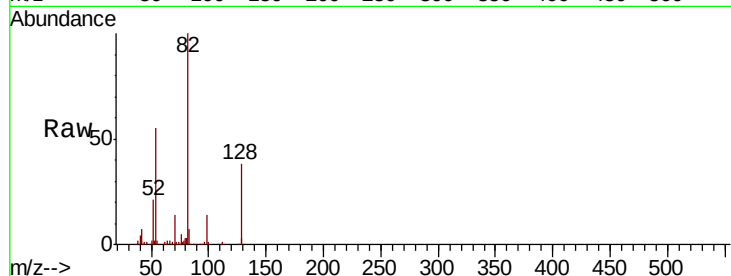
Ion Ratio Lower Upper

70 100

42 51.2 51.5 77.3#

101 0.0 8.1 12.1#

130 1.4 16.6 24.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Tgt Ion: 136 Resp: 250260

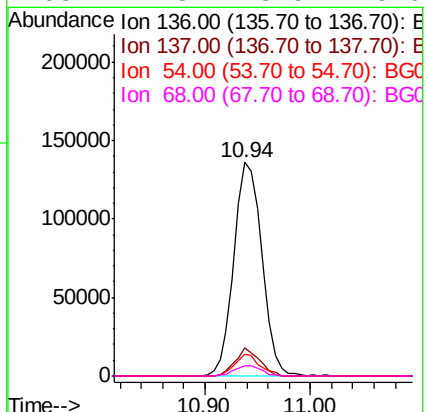
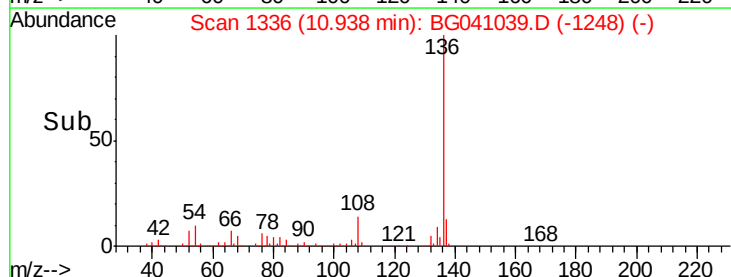
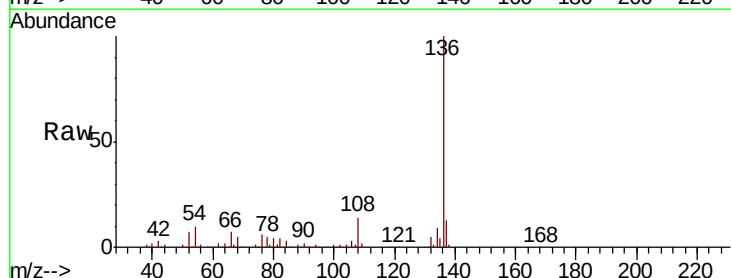
Ion Ratio Lower Upper

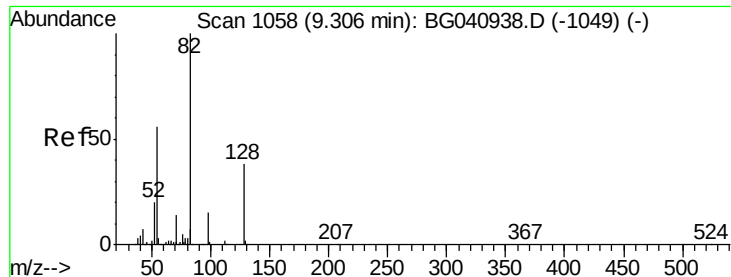
136 100

137 13.4 9.5 14.3

54 10.0 7.6 11.4

68 4.8 3.9 5.9

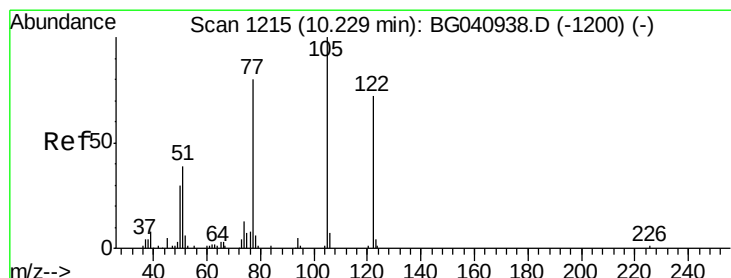
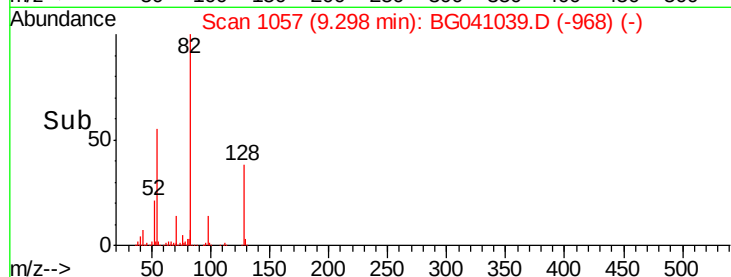
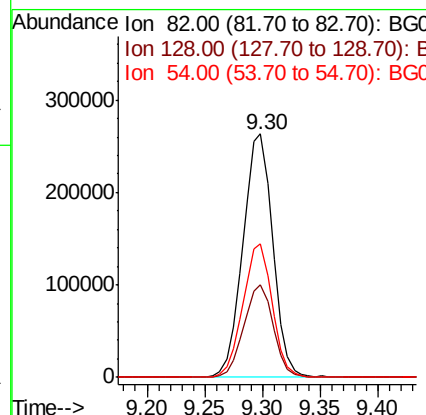
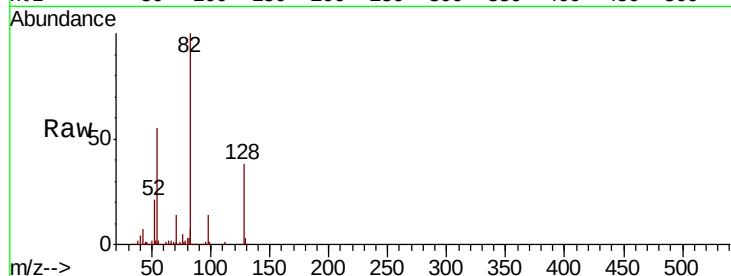




#23
 Nitrobenzene-d5
 Concen: 83.902 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

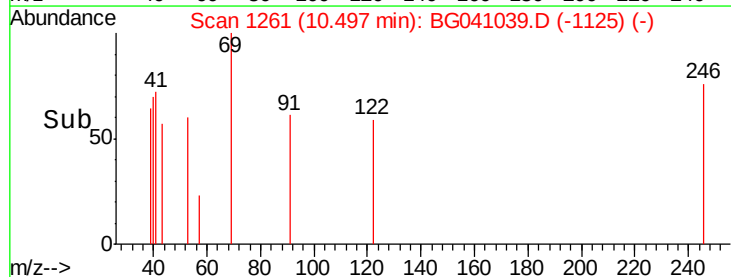
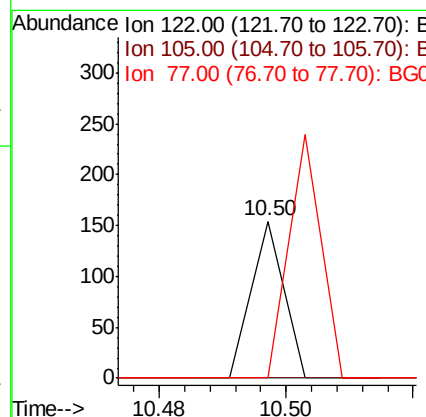
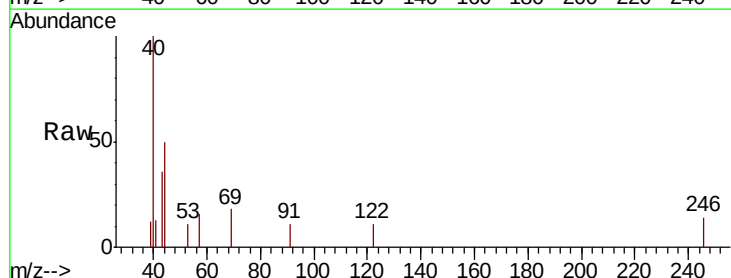
Instrument :
 BNA_G
 ClientSampleId :
 0435-HR-15(HACKENSACK)

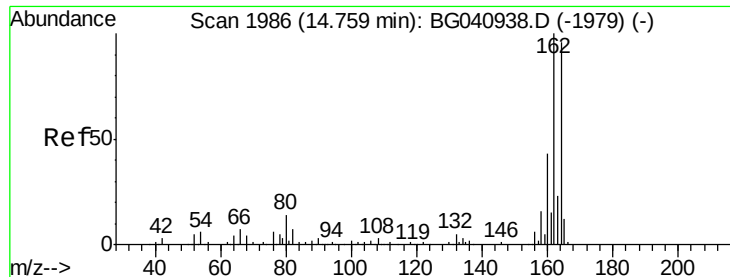
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	54.9	44.6	66.8



#32
 Benzoic acid
 Concen: 8.145 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.27 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

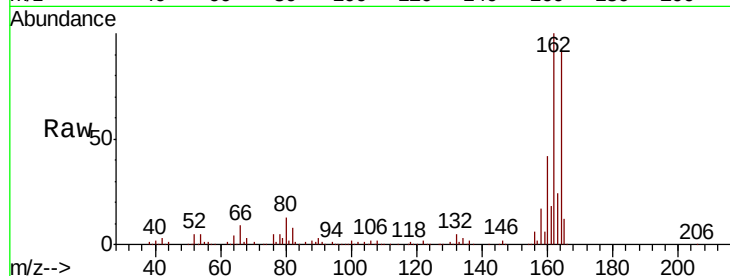
Tgt Ion:164 Resp: 176414

Ion Ratio Lower Upper

164 100

162 108.3 83.0 124.4

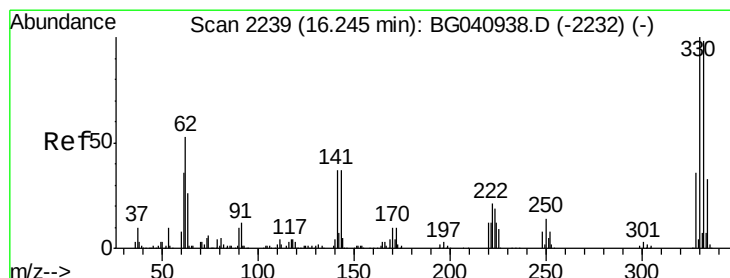
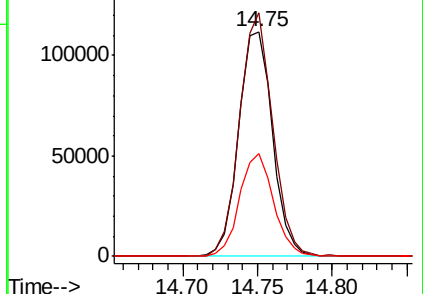
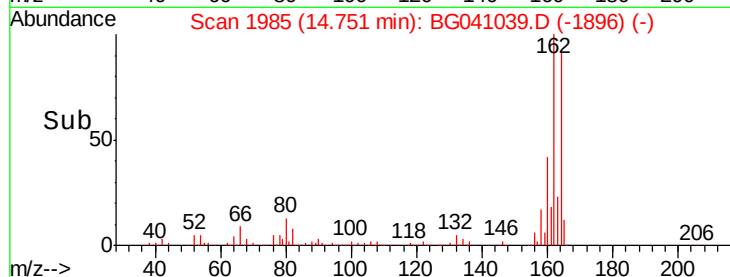
160 45.5 35.6 53.4



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: 132.939 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

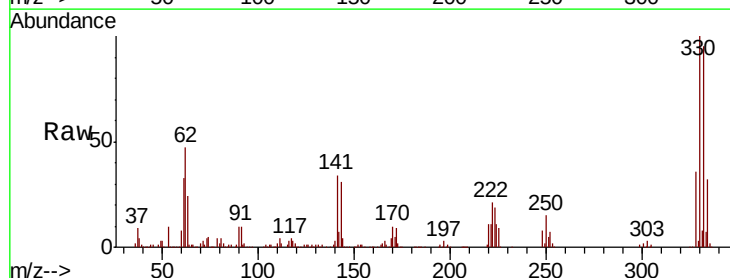
Tgt Ion:330 Resp: 348166

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

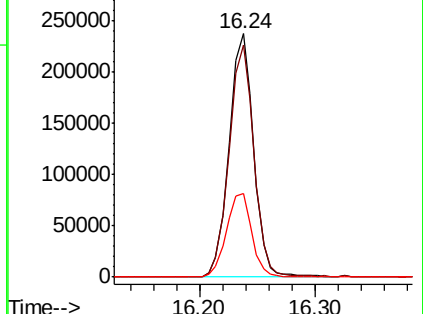
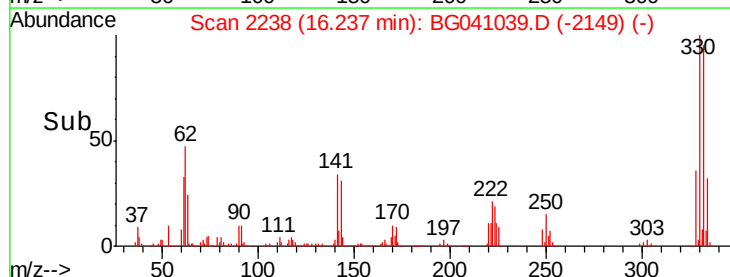
141 35.8 28.7 43.1

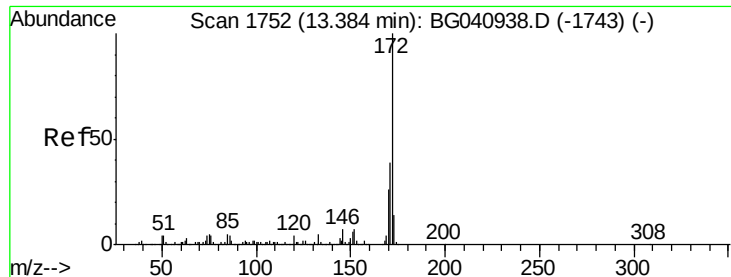


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

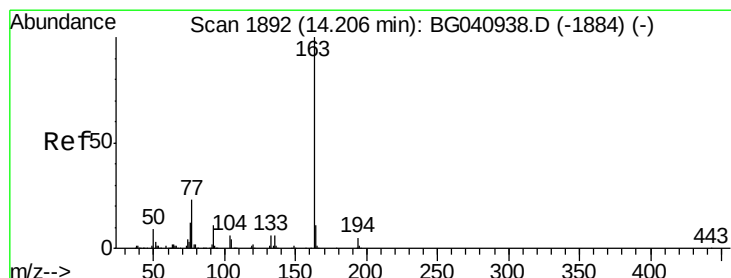
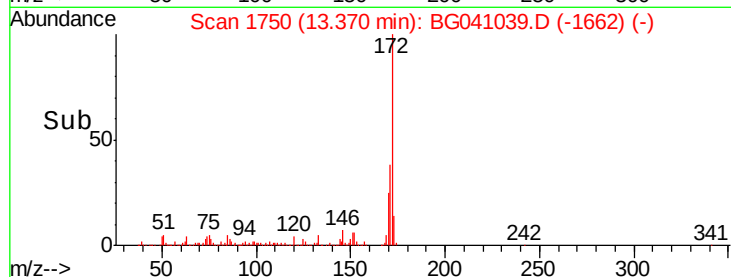
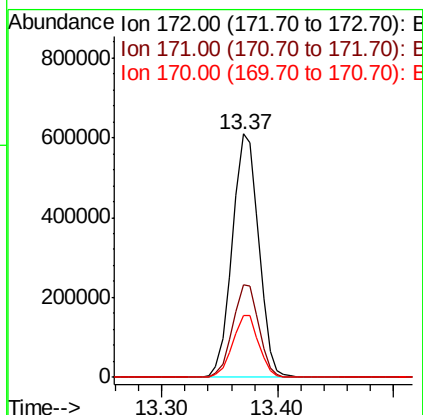
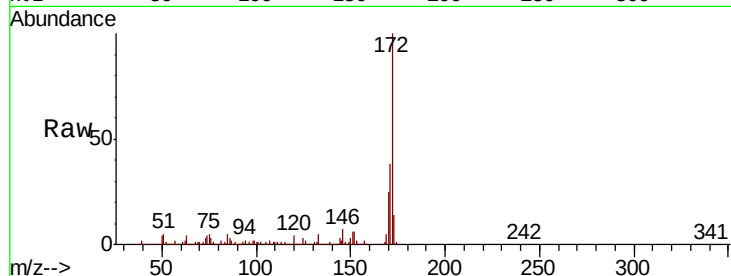




#45
 2-Fluorobiphenyl
 Concen: 79.098 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

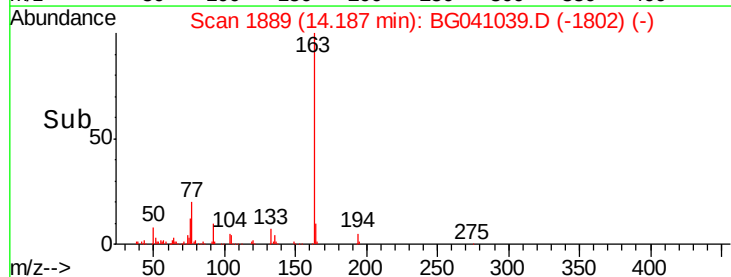
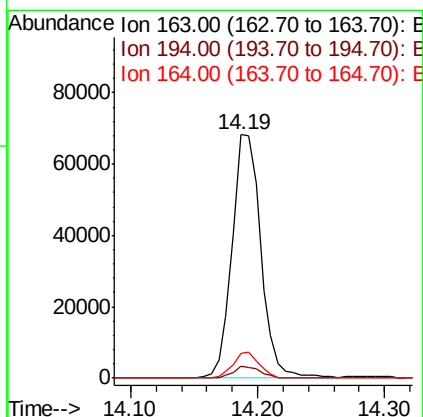
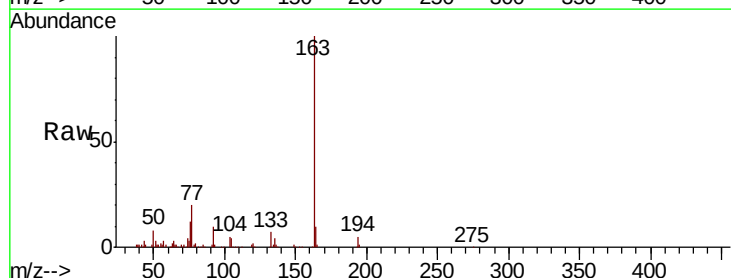
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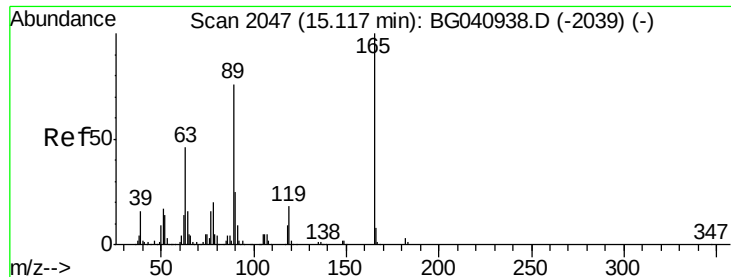
Tgt Ion:	172	Resp:	968952
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.1	46.7
170	25.5	20.5	30.7



#50
 Dimethylphthalate
 Concen: 7.157 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.02 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

Tgt Ion:	163	Resp:	106882
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.0	8.7	13.1

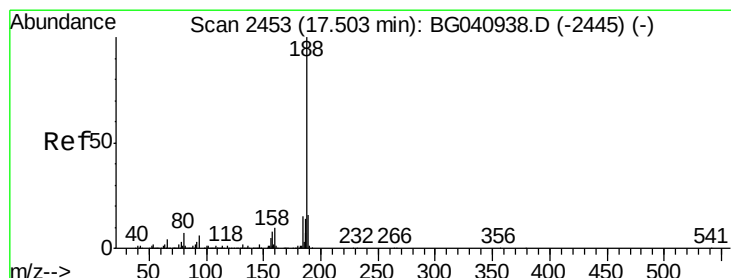
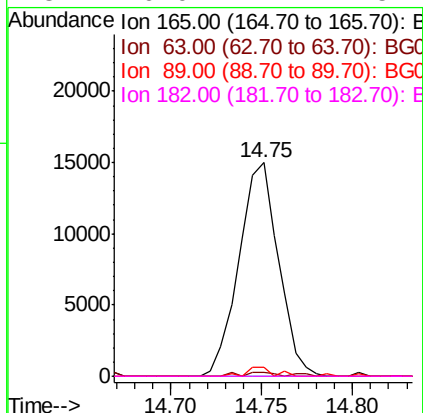
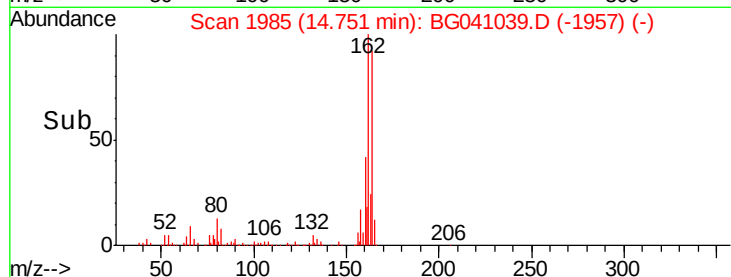
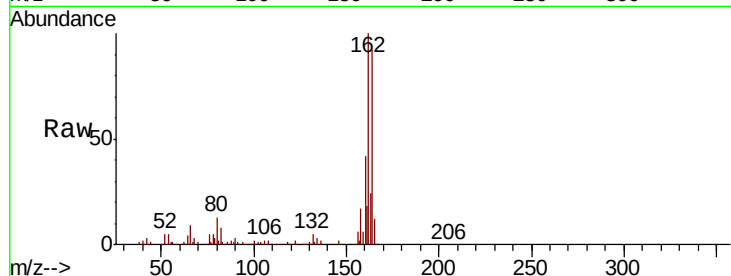




#57
 2,4-Dinitrotoluene
 Concen: 4.991 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.37 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

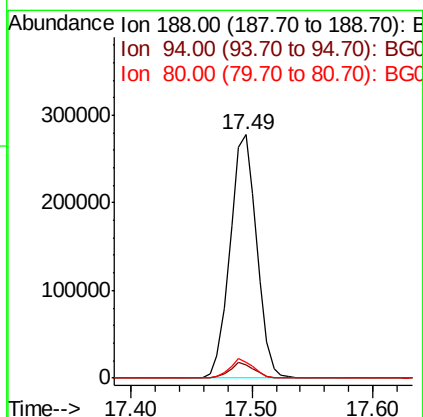
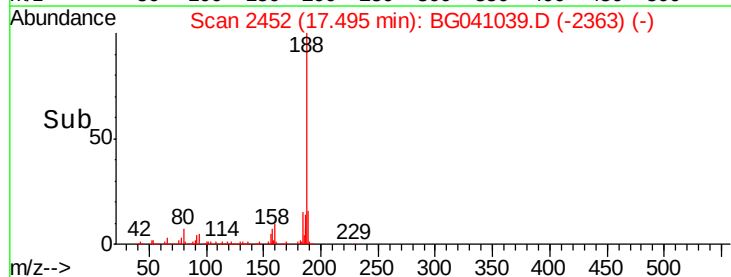
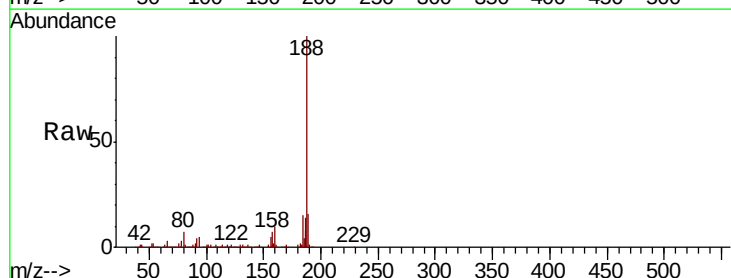
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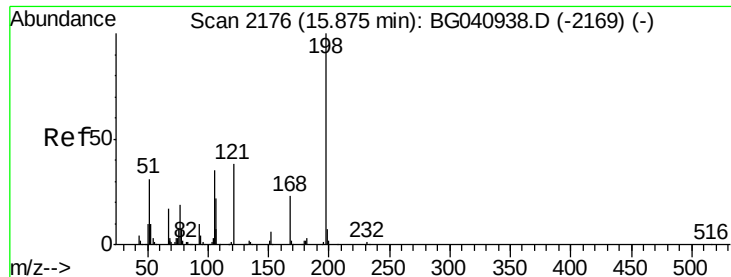
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	37.3	55.9#
89	4.4	61.0	91.6#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.7	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.612 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.29 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

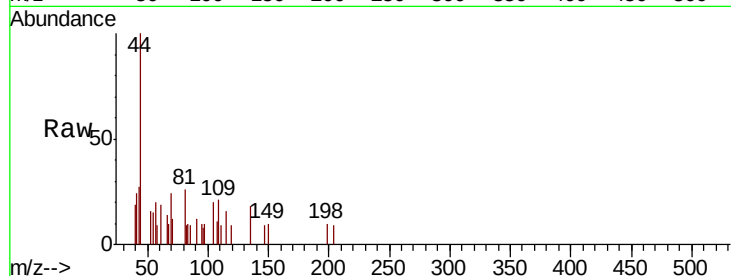
Tgt Ion:198 Resp: 62

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

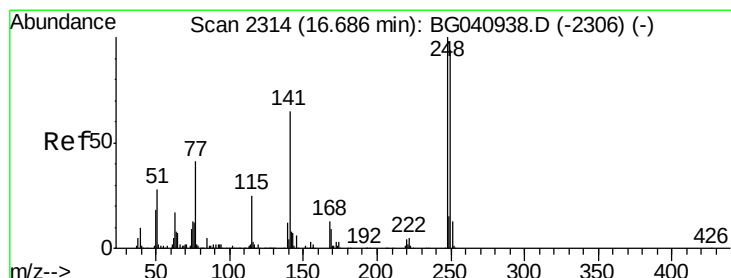
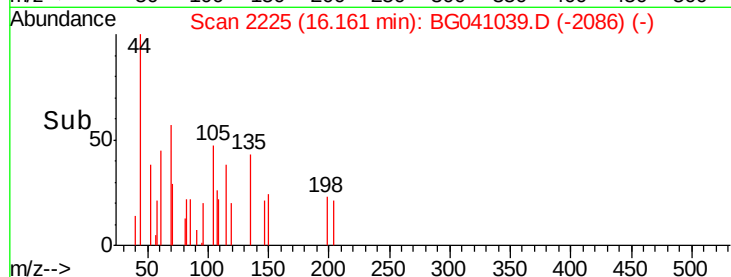
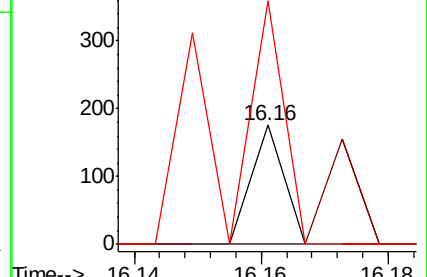
105 204.0 17.5 57.5#



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: 4.631 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.45 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

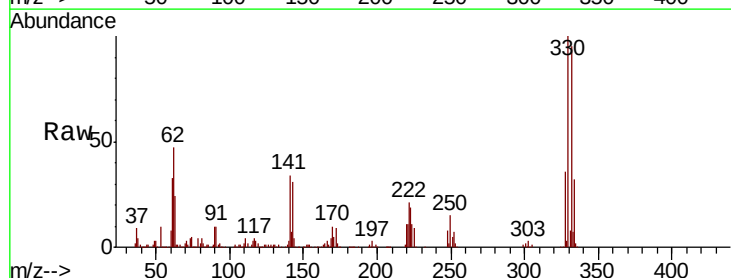
Tgt Ion:248 Resp: 26610

Ion Ratio Lower Upper

248 100

250 188.0 75.0 112.4#

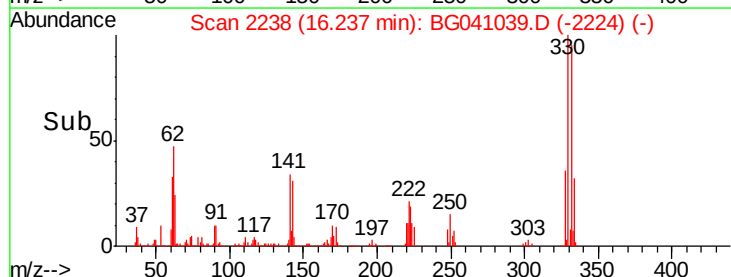
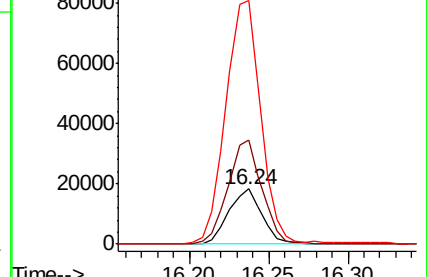
141 440.6 52.4 78.6#

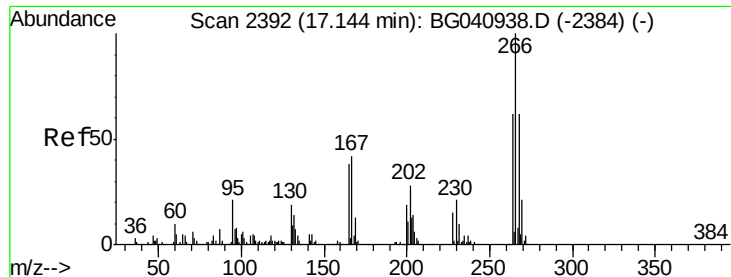


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

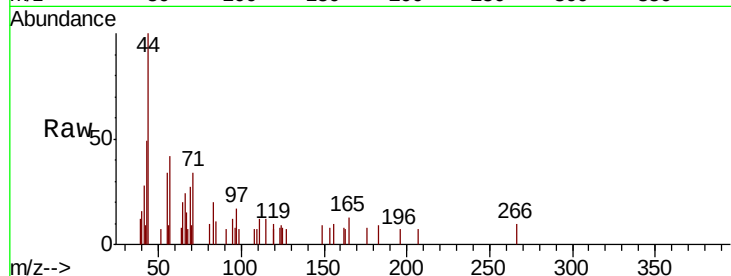




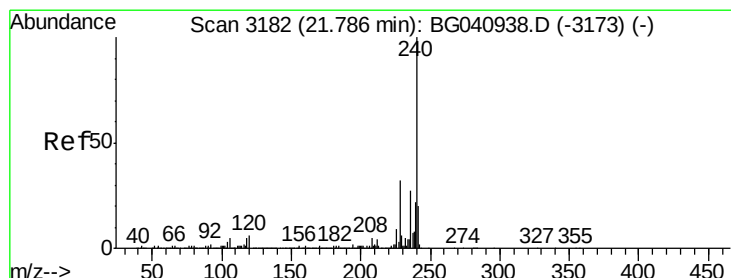
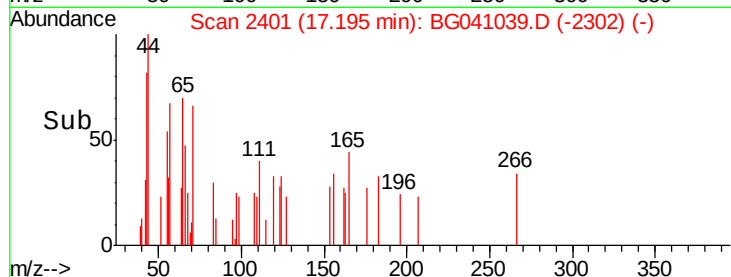
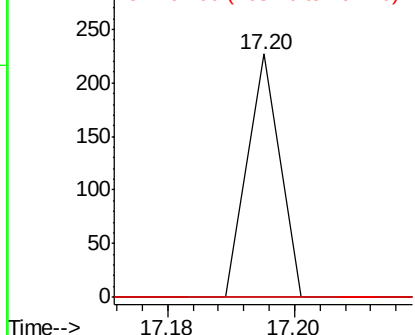
#70
 Pentachlorophenol
 Concen: 4.279 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. 0.05 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

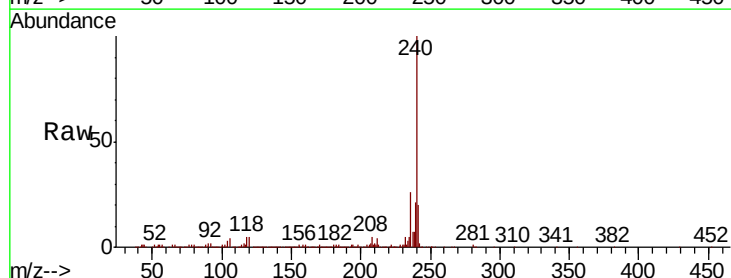


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

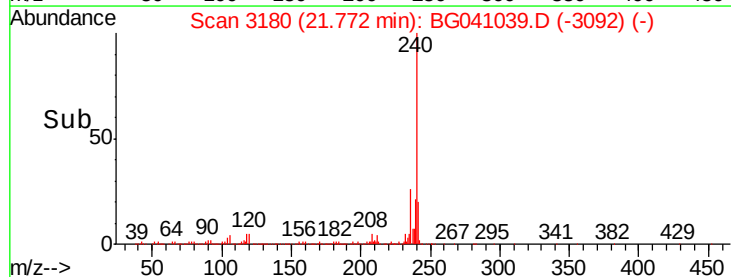
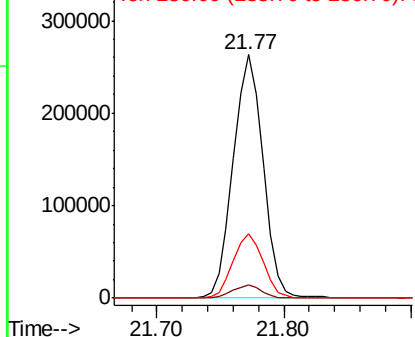


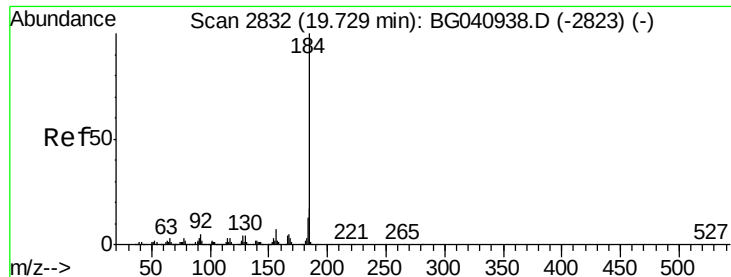
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG041039.D
 Acq: 3 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	26.4	21.3	31.9



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: 2.705 ng

RT: 20.09 min Scan# 2894

Delta R.T. 0.36 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

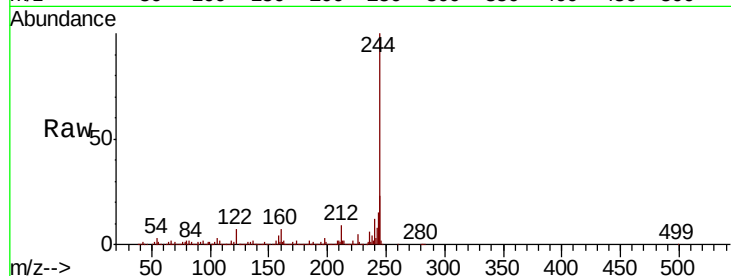
Tgt Ion:184 Resp: 27653

Ion Ratio Lower Upper

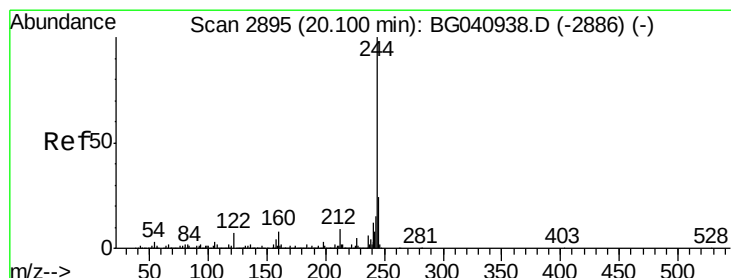
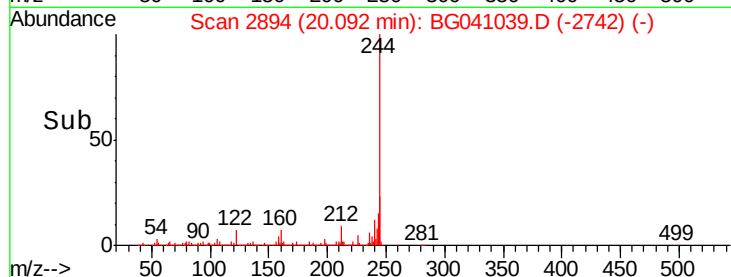
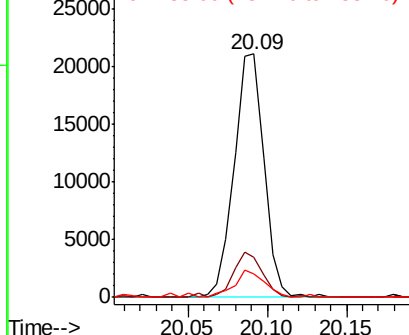
184 100

185 16.5 13.3 19.9

183 9.7 10.7 16.1#



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: 73.836 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

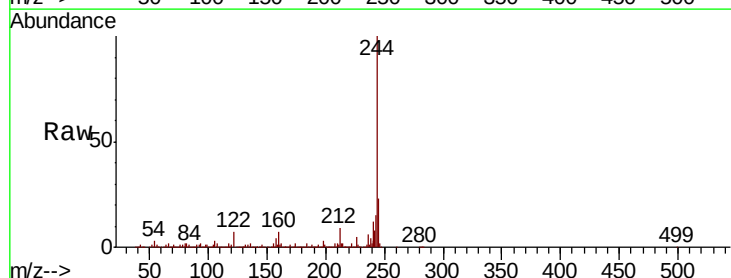
Tgt Ion:244 Resp: 1490860

Ion Ratio Lower Upper

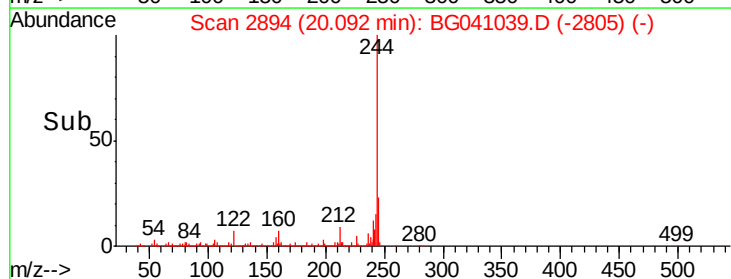
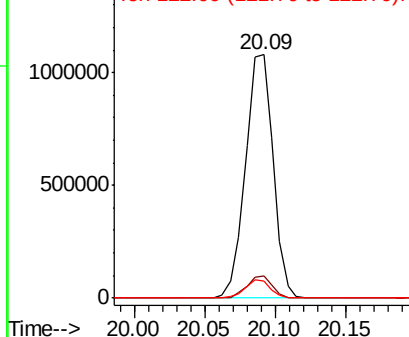
244 100

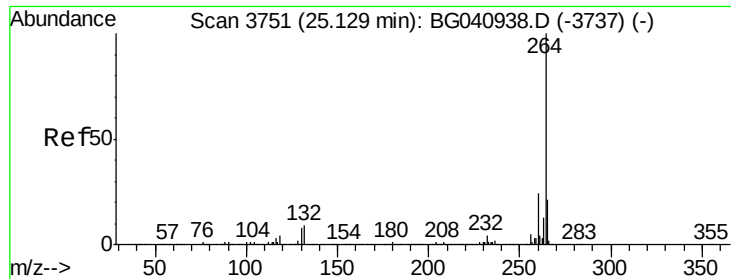
212 8.9 7.0 10.4

122 6.7 5.4 8.0



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: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041039.D
Acq: 3 Jun 2019 18:09

Instrument :
BNA_G
ClientSampleId :
0435-HR-15(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	22.0	17.0	25.4

