

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
 Data File : BG041041.D
 Acq On : 3 Jun 2019 19:25
 Operator : HP/JU
 Sample : K3097-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0437-HR-17(HACKENSACK)

Quant Time: Jun 04 08:05:56 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

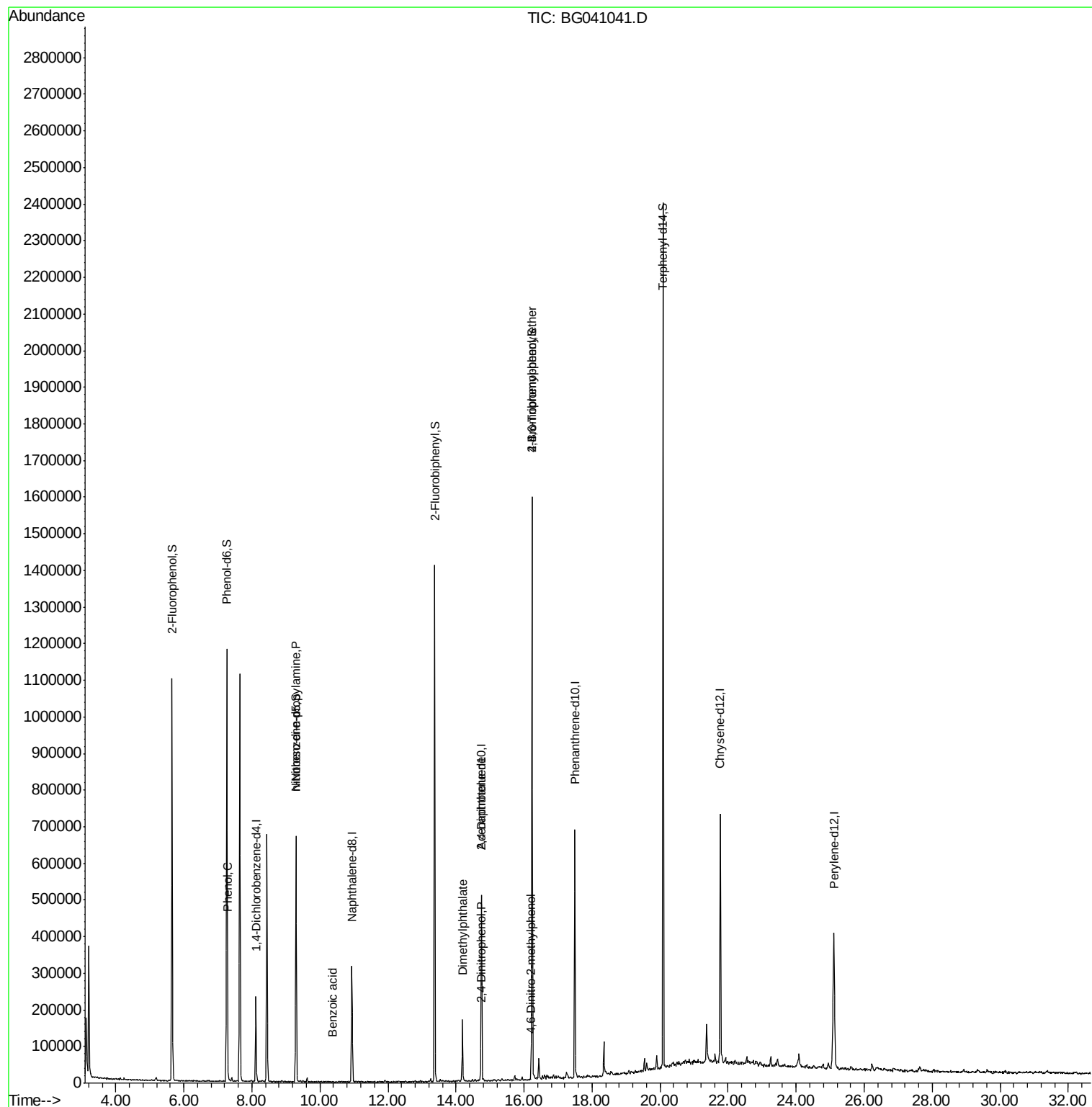
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61315	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	243135	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	172944	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	419574	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	421083	20.00	ng	-0.02
87) Perylene-d12	25.11	264	450545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	406890	119.66	ng	0.00
7) Phenol-d6	7.26	99	605118	115.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	406912	74.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	293179	114.19	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	691594	57.59	ng	-0.01
79) Terphenyl-d14	20.09	244	1093718	55.13	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	21224	3.769	ng	86
19) n-Nitroso-di-n-propylamine	9.29	70	58109	14.379	ng	# 79
32) Benzoic acid	10.39	122	72	8.150	ng	# 1
50) Dimethylphthalate	14.19	163	100804	6.886	ng	98
54) 2,4-Dinitrophenol	14.72	184	55	8.293	ng	# 18
57) 2,4-Dinitrotoluene	14.75	165	22969	5.151	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.19	198	53	8.609	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	21462	3.790	ng	# 1

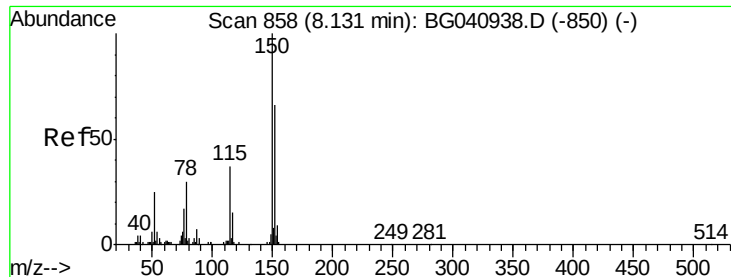
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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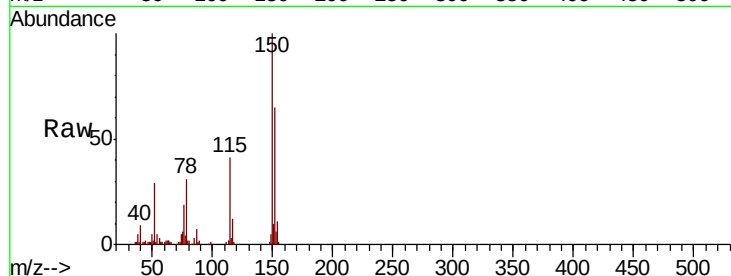


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Instrument :
BNA_G
ClientSampleId :
0437-HR-17(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.6	180.8
115	63.1	45.1	67.7

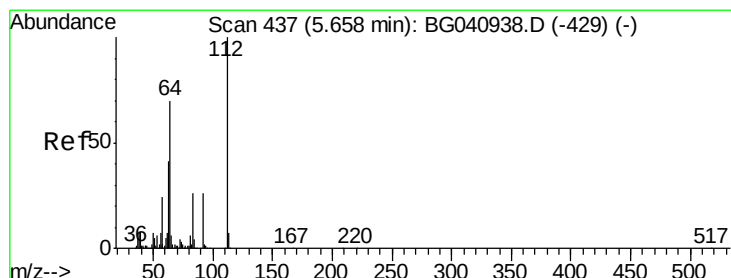
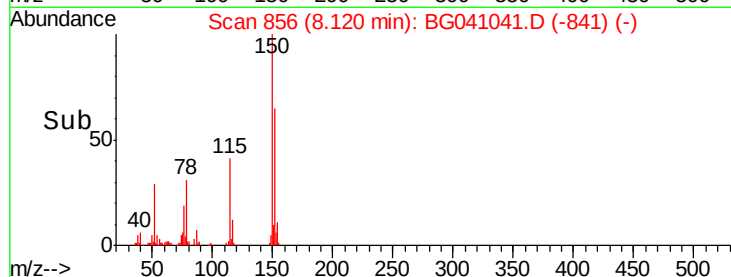
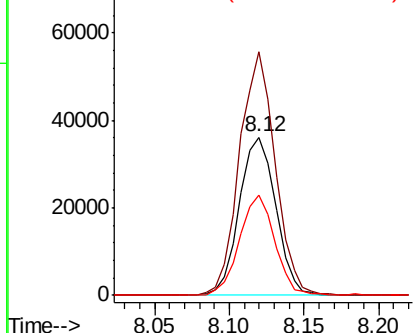


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

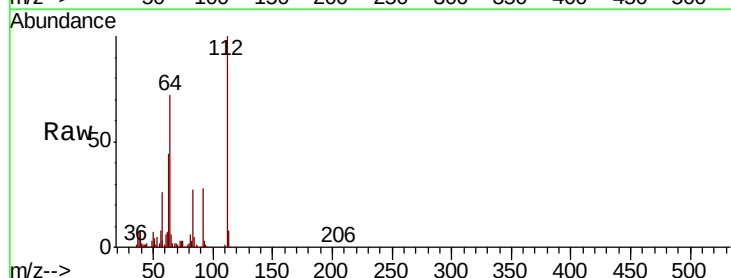
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.662 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.2	84.2
63	44.3	32.8	49.2

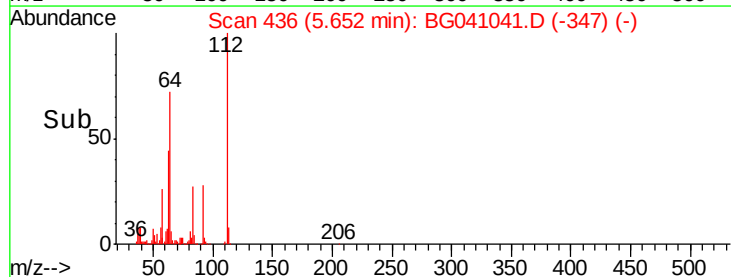
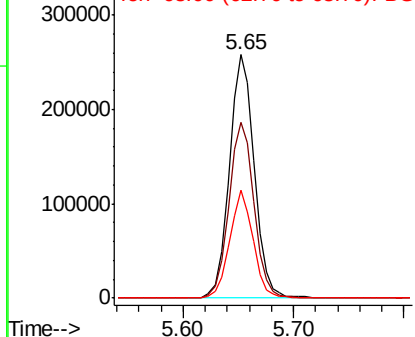


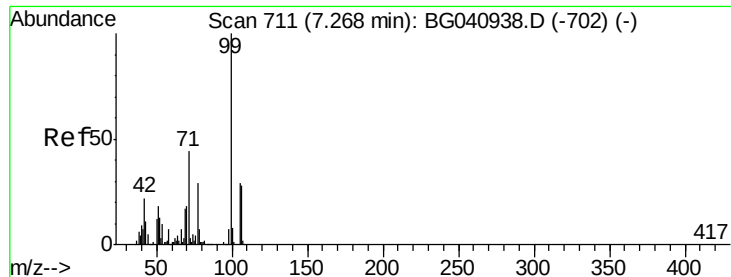
Abundance

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: 115.229 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

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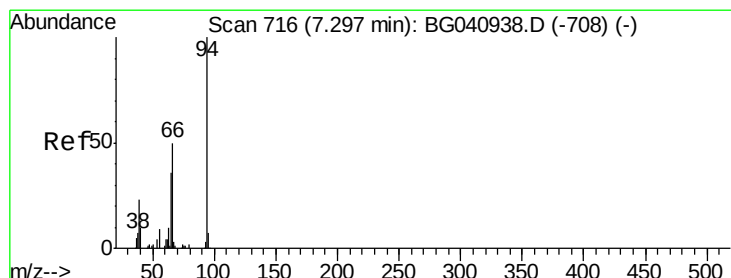
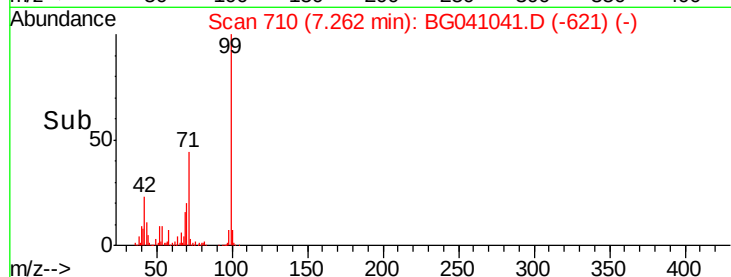
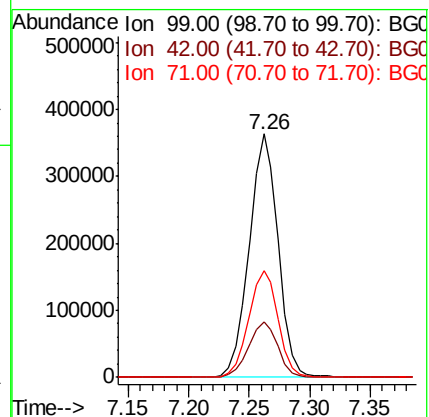
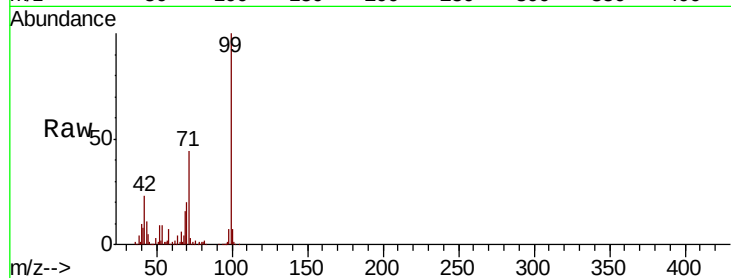
Tgt Ion: 99 Resp: 605118

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 44.0 35.4 53.0



#10

Phenol

Concen: 3.769 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

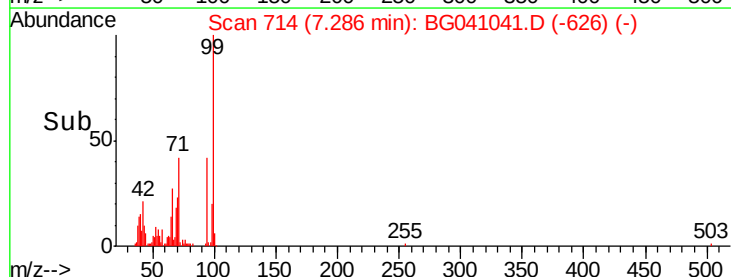
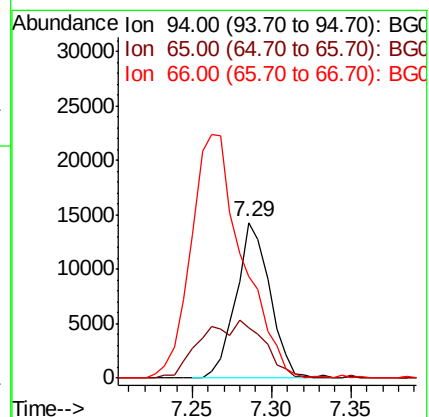
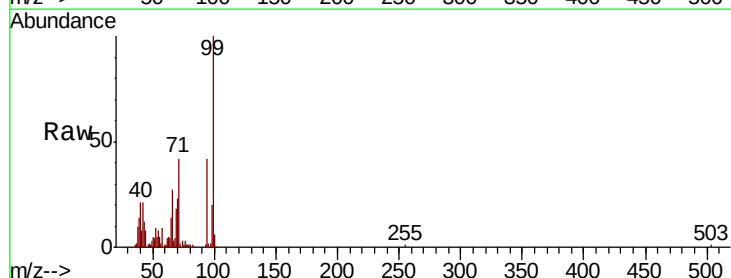
Tgt Ion: 94 Resp: 21224

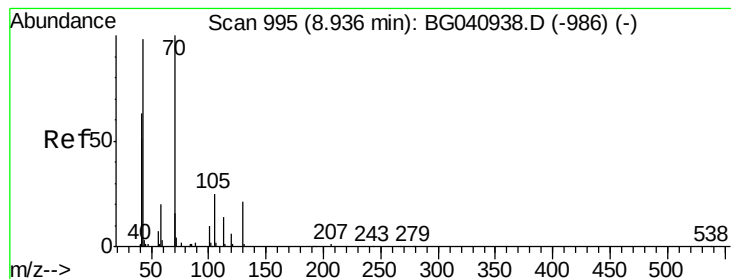
Ion Ratio Lower Upper

94 100

65 32.6 17.0 57.0

66 65.0 32.4 72.4





#19

n-Nitroso-di-n-propylamine

Concen: 14.379 ng

RT: 9.29 min Scan# 1056

Delta R.T. 0.36 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

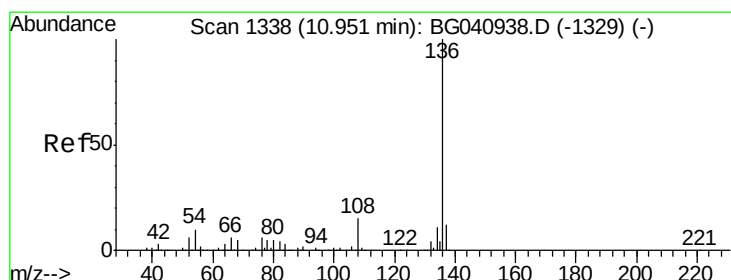
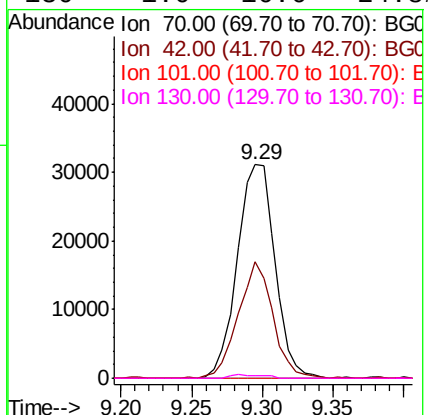
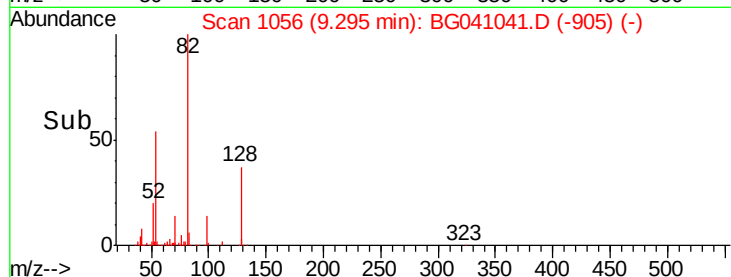
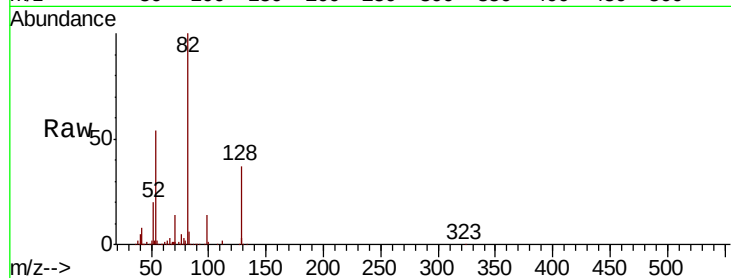
ClientSampleId :

0437-HR-17(HACKENSACK)

Tgt Ion: 70 Resp: 58109

Ion Ratio Lower Upper

70	100		
42	54.6	51.5	77.3
101	0.0	8.1	12.1#
130	1.0	16.6	24.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

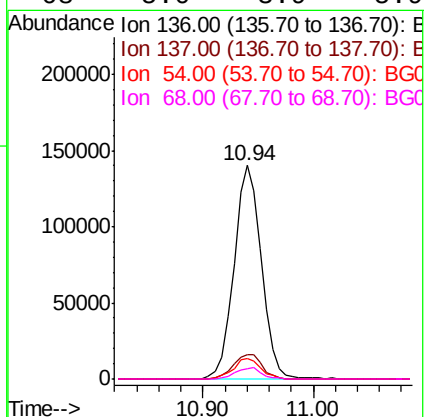
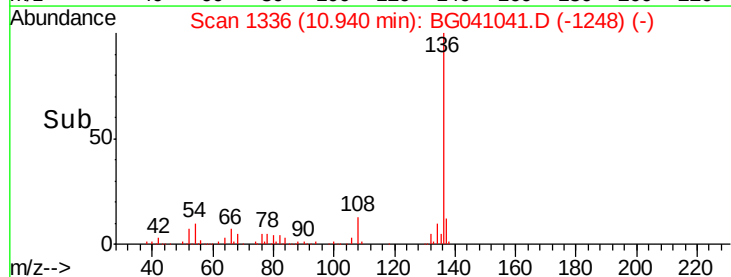
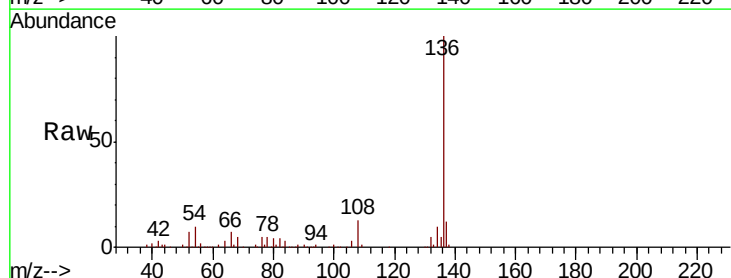
Lab File: BG041041.D

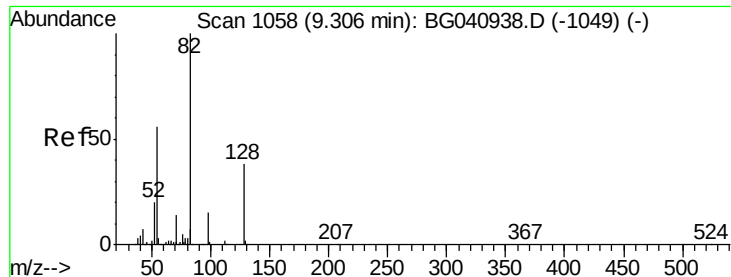
Acq: 3 Jun 2019 19:25

Tgt Ion: 136 Resp: 243135

Ion Ratio Lower Upper

136	100		
137	11.5	9.5	14.3
54	9.6	7.6	11.4
68	5.0	3.9	5.9

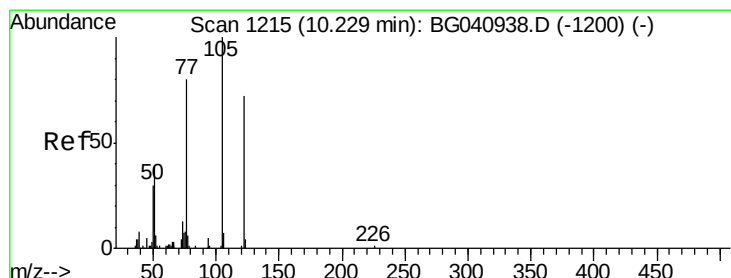
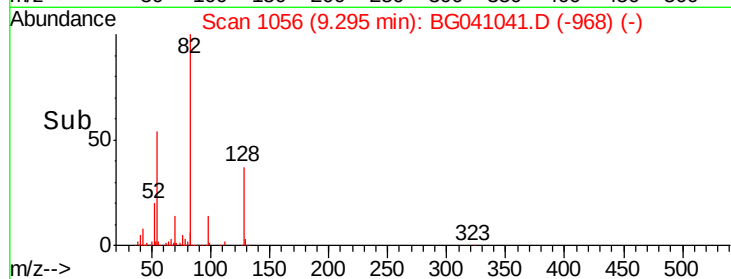
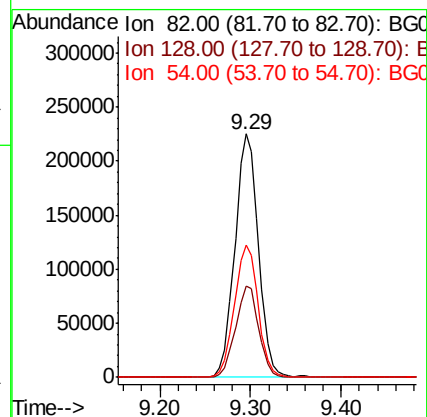
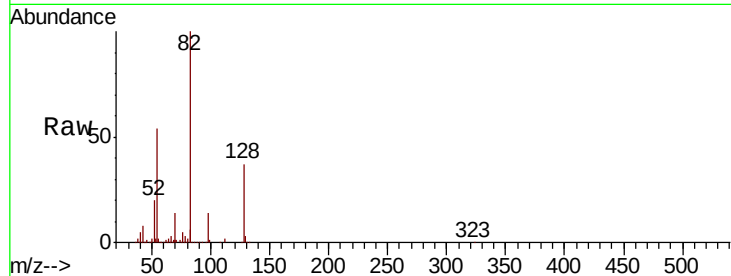




#23
 Nitrobenzene-d5
 Concen: 74.297 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041041.D
 Acq: 3 Jun 2019 19:25

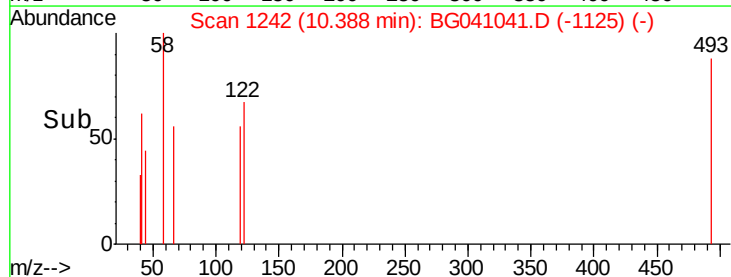
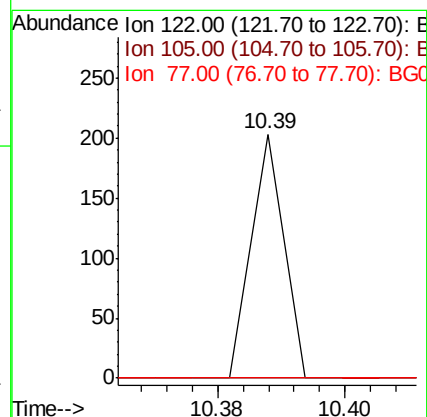
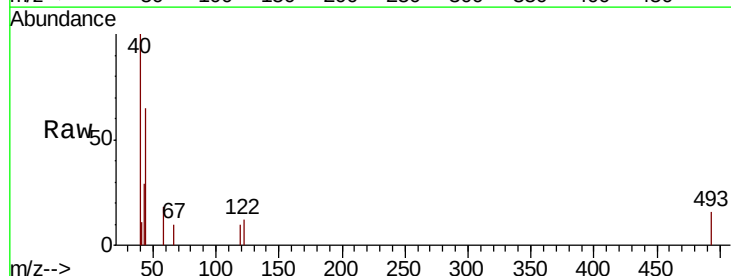
Instrument :
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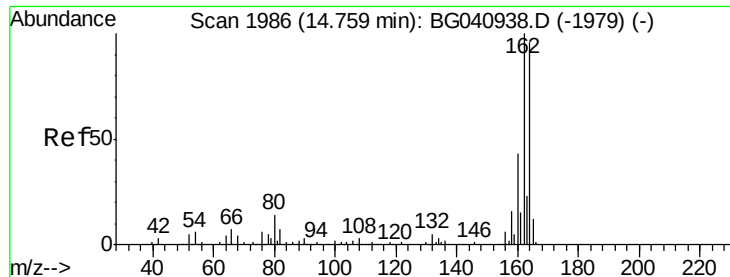
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	54.4	44.6	66.8



#32
 Benzoic acid
 Concen: 8.150 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. 0.16 min
 Lab File: BG041041.D
 Acq: 3 Jun 2019 19:25

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# 1984

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

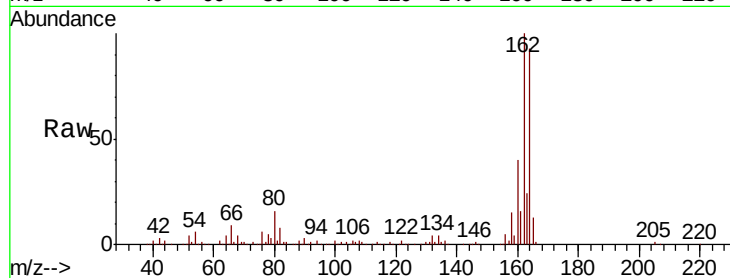
Tgt Ion:164 Resp: 172944

Ion Ratio Lower Upper

164 100

162 107.5 83.0 124.4

160 43.1 35.6 53.4

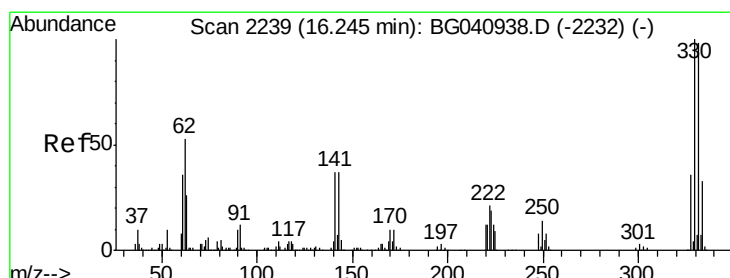
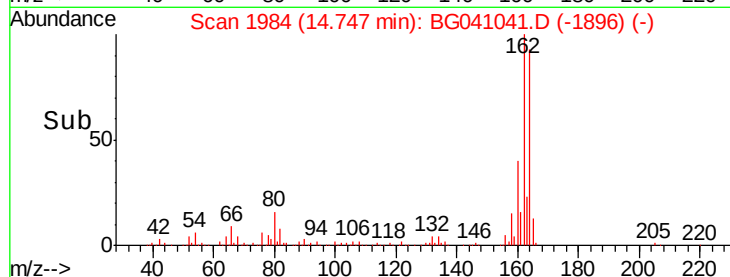
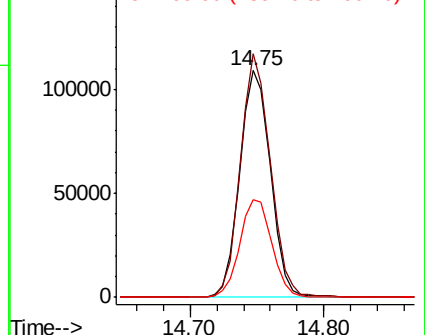


Abundance

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: 114.190 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

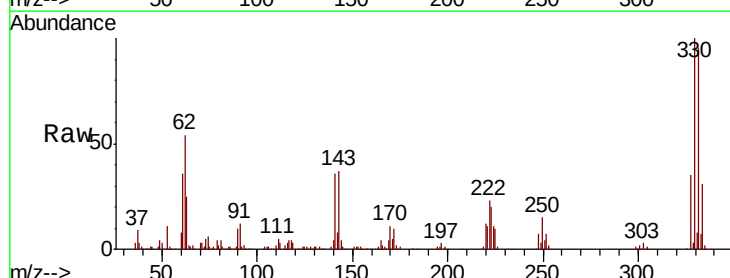
Tgt Ion:330 Resp: 293179

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

141 36.1 28.7 43.1

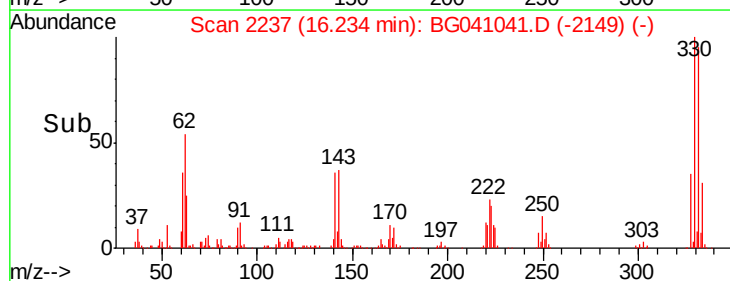
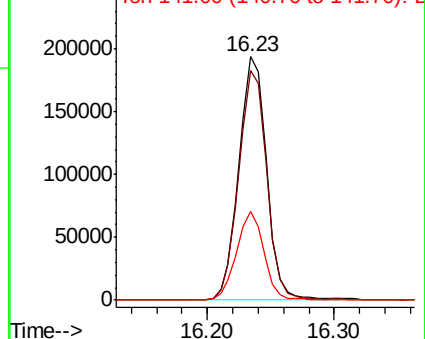


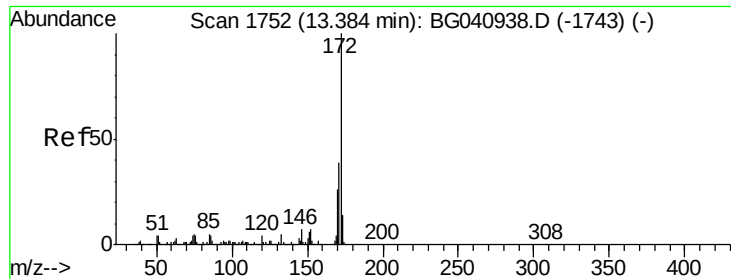
Abundance

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

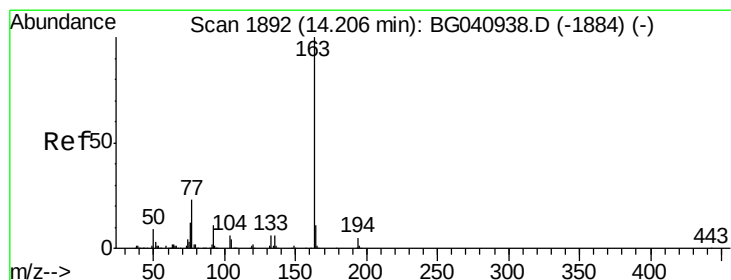
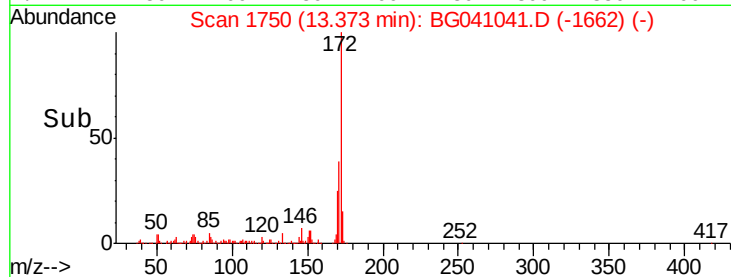
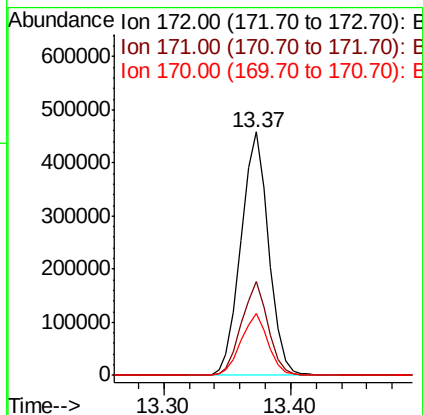
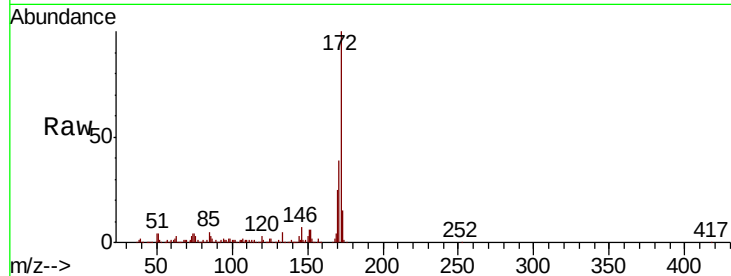




#45
2-Fluorobiphenyl
Concen: 57.589 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

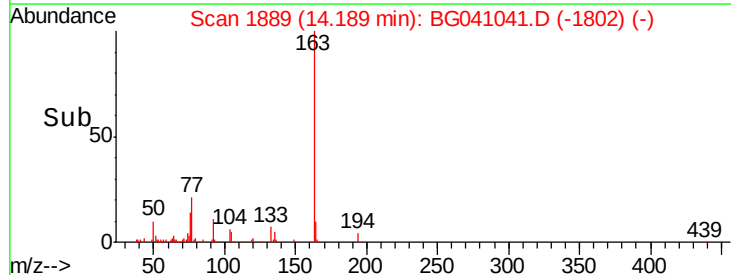
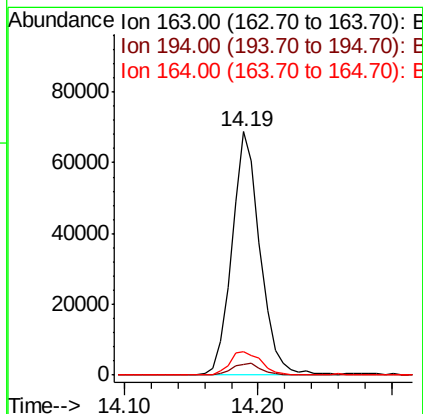
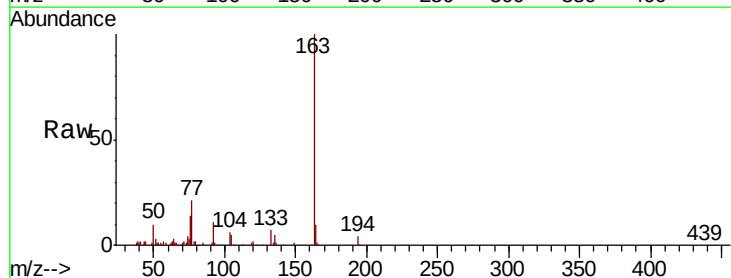
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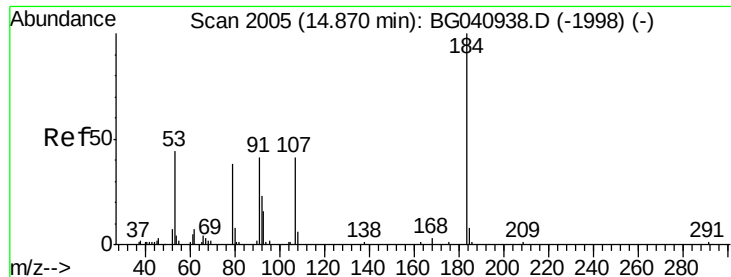
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	25.5	20.5	30.7



#50
Dimethylphthalate
Concen: 6.886 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	9.8	8.7	13.1

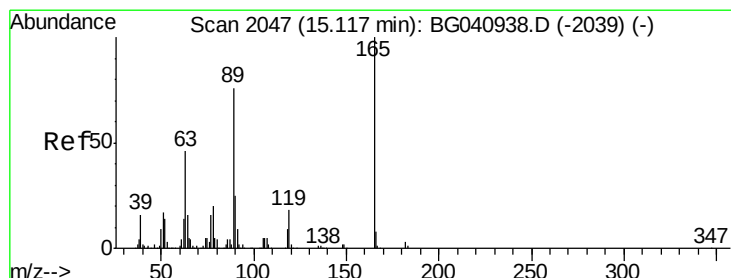
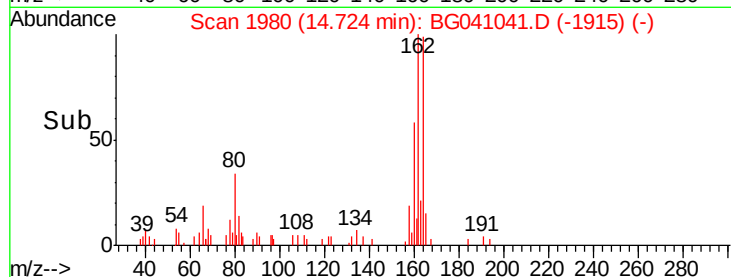
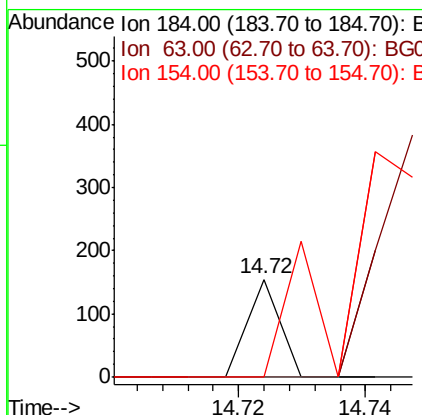
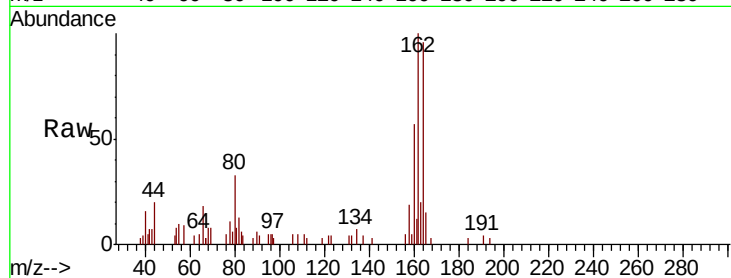




#54
2,4-Dinitrophenol
Concen: 8.293 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.15 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

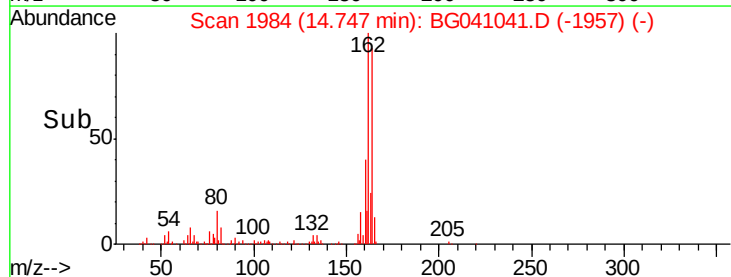
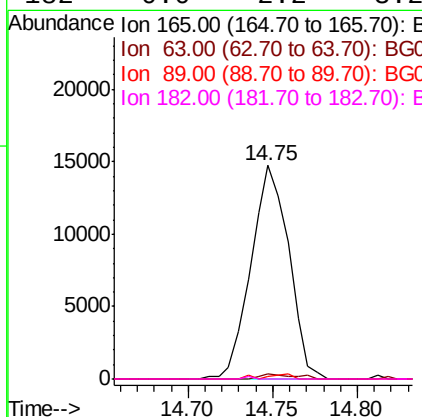
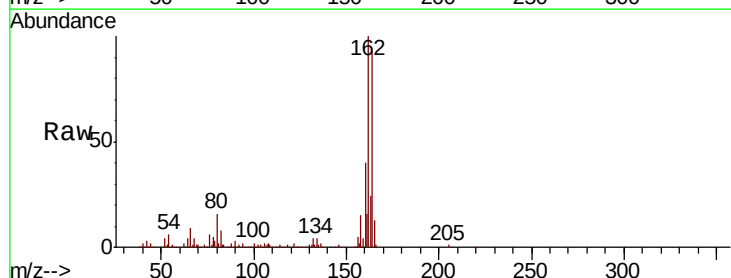
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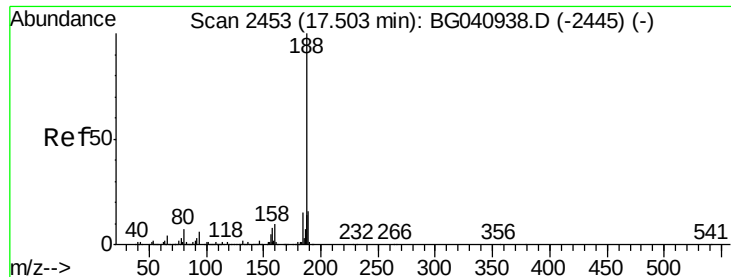
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 49.8 74.6#
154 0.0 52.2 78.4#



#57
2,4-Dinitrotoluene
Concen: 5.151 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion:165 Resp: 22969
Ion Ratio Lower Upper
165 100
63 2.6 37.3 55.9#
89 1.2 61.0 91.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

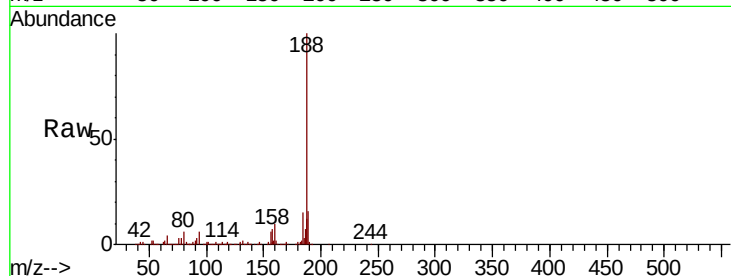
Tgt Ion:188 Resp: 419574

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

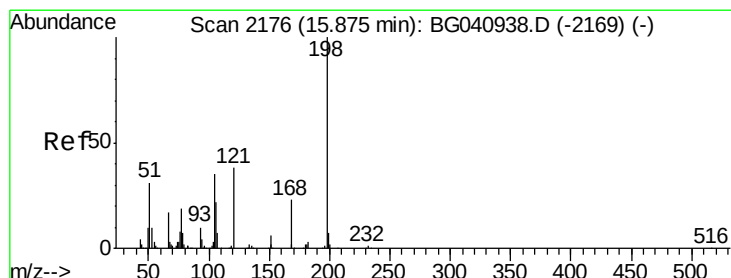
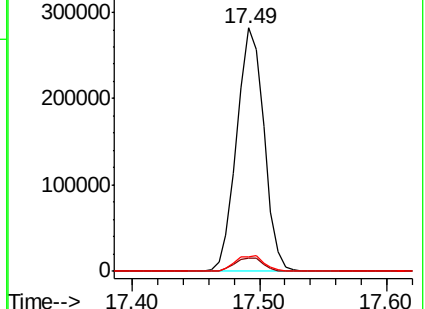
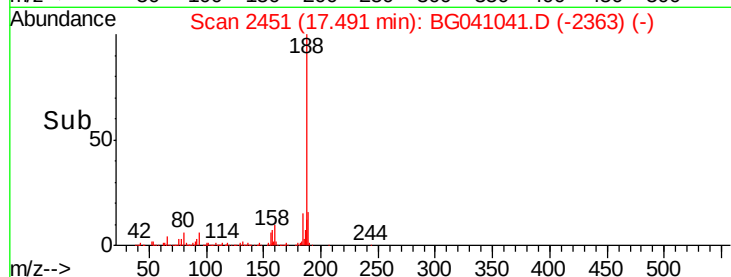
80 6.2 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 8.609 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.32 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

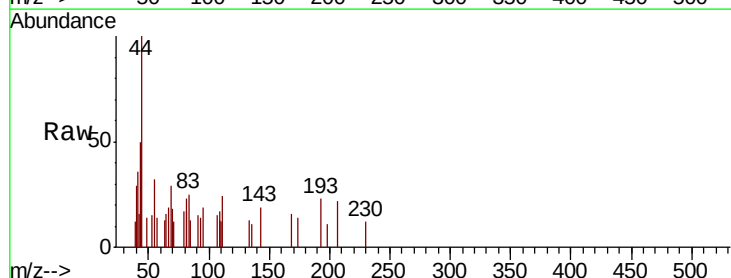
Tgt Ion:198 Resp: 53

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

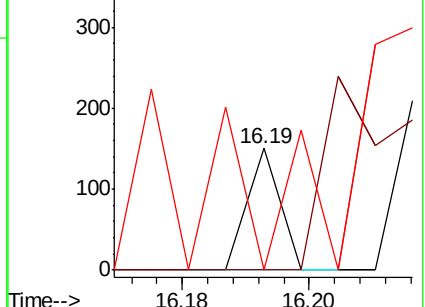
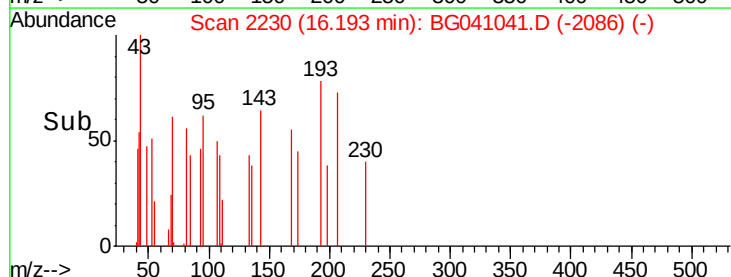
105 0.0 17.5 57.5#

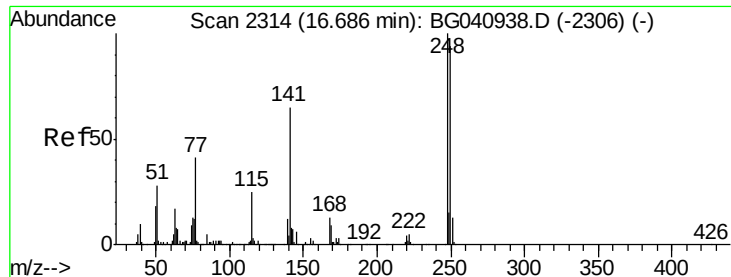


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

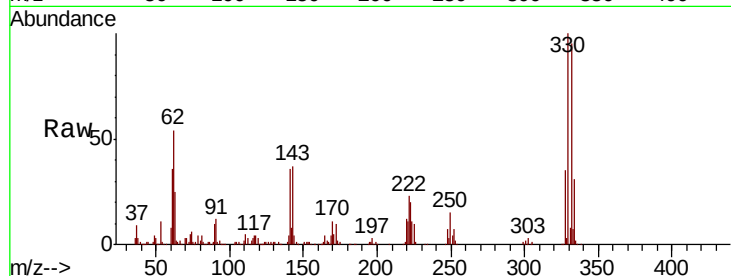




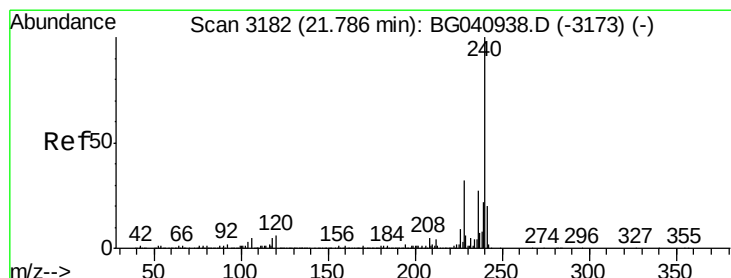
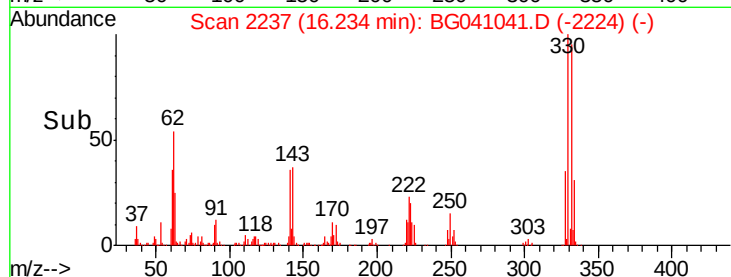
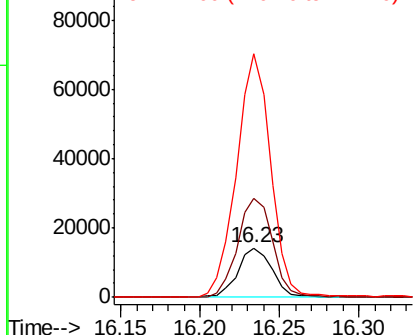
#67
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Instrument :
BNA_G
ClientSampleId :
0437-HR-17(HACKENSACK)

Tgt Ion:248 Resp: 21462
Ion Ratio Lower Upper
248 100
250 200.3 75.0 112.4#
141 491.1 52.4 78.6#

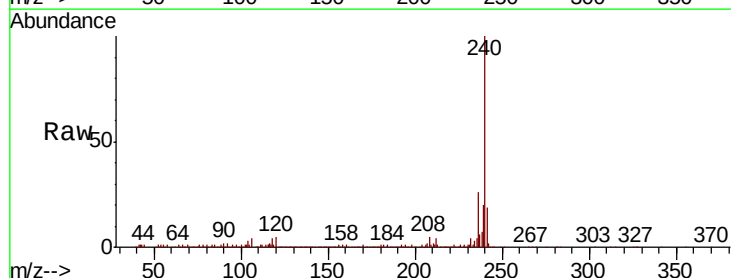


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

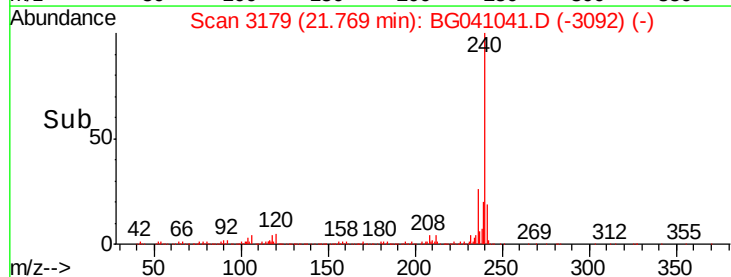
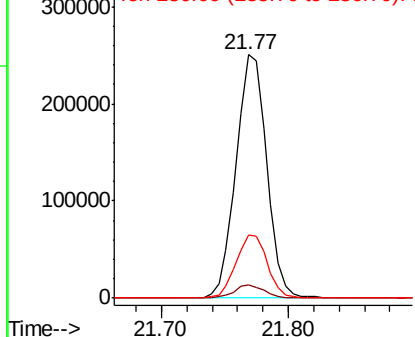


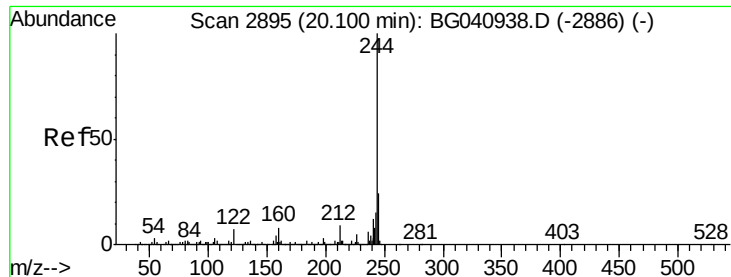
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion:240 Resp: 421083
Ion Ratio Lower Upper
240 100
120 5.4 4.5 6.7
236 26.0 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





#79

Terphenyl-d14

Concen: 55.126 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

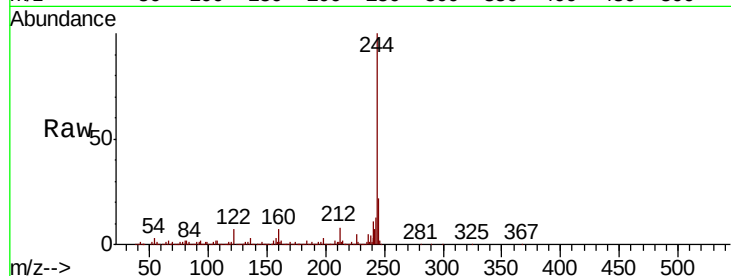
Tgt Ion:244 Resp: 1093718

Ion Ratio Lower Upper

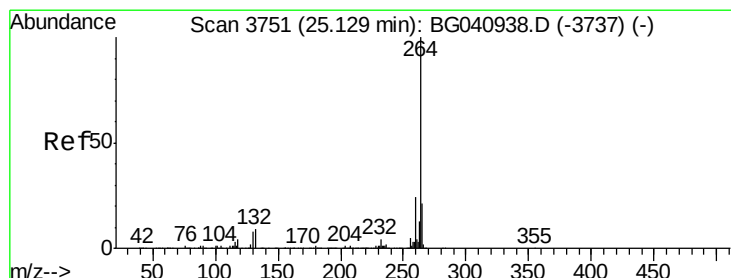
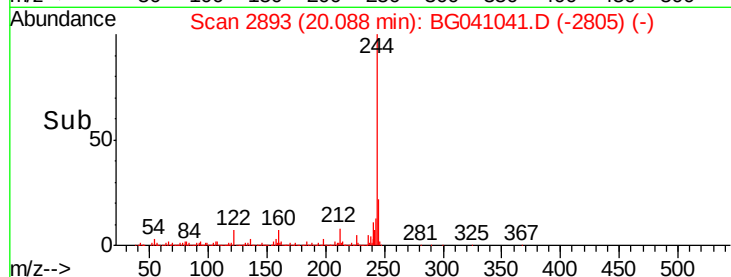
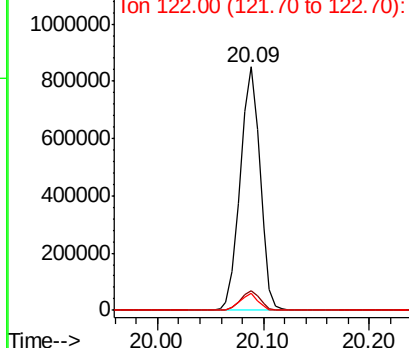
244 100

212 8.1 7.0 10.4

122 6.9 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: BG041041.D

Acq: 3 Jun 2019 19:25

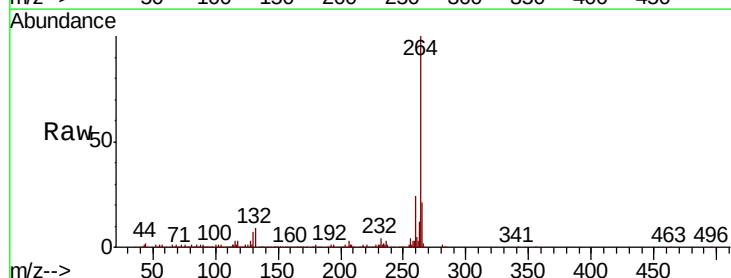
Tgt Ion:264 Resp: 450545

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 21.2 17.0 25.4



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

