

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
 Data File : BG041046.D
 Acq On : 3 Jun 2019 22:35
 Operator : HP/JU
 Sample : K3138-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-11-COMP

Quant Time: Jun 04 08:06:59 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

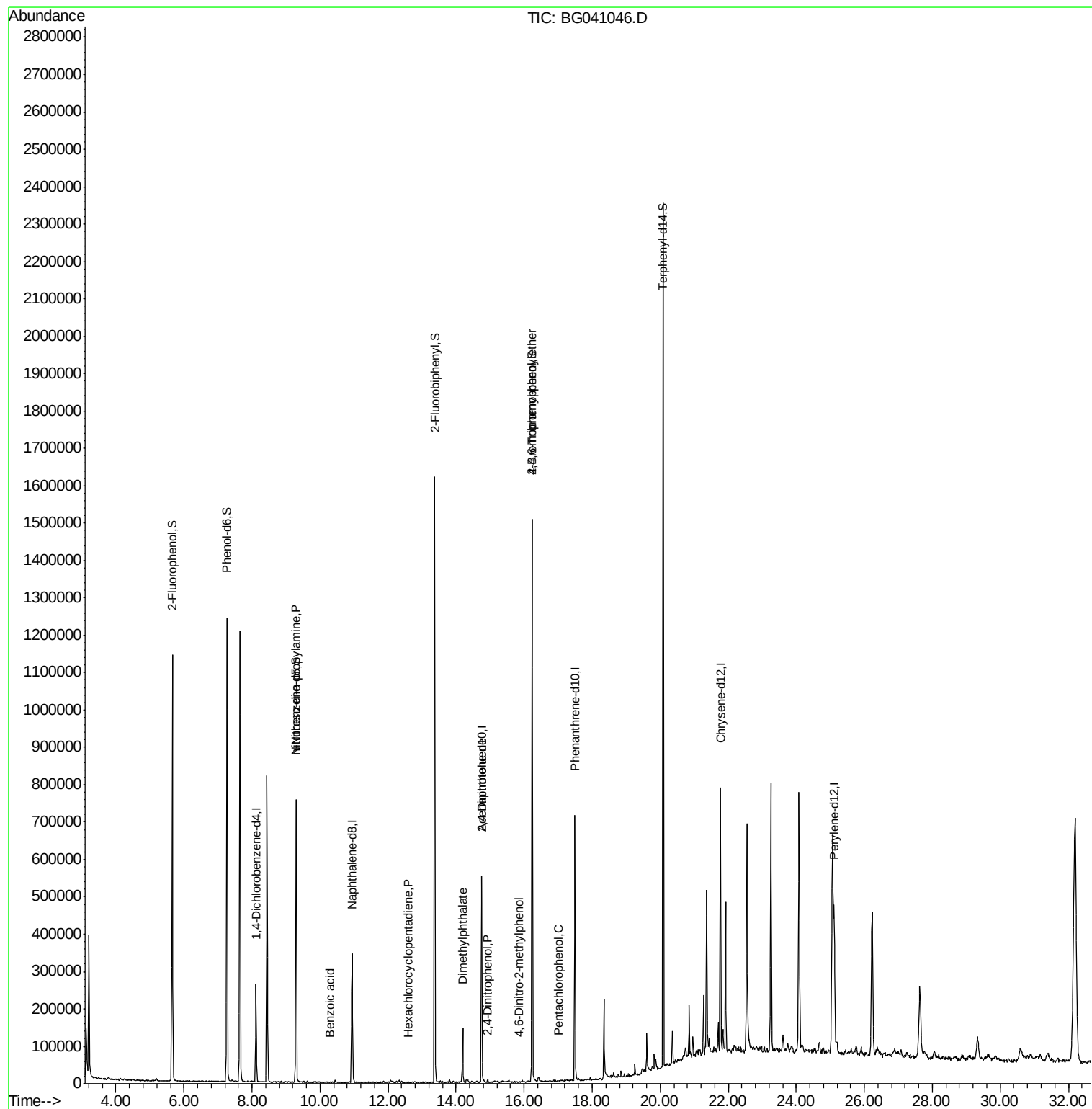
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	69563	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	274798	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	187544	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	433321	20.00	ng	0.00
76) Chrysene-d12	21.77	240	424900	20.00	ng	-0.01
87) Perylene-d12	25.11	264	448662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	432206	112.04	ng	0.00
7) Phenol-d6	7.26	99	637017	106.92	ng	0.00
23) Nitrobenzene-d5	9.30	82	449025	72.54	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	291805	104.81	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	835134	64.13	ng	-0.01
79) Terphenyl-d14	20.09	244	1098727	54.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	65799	14.351	ng	# 72
32) Benzoic acid	10.28	122	58	8.144	ng	# 1
41) Hexachlorocyclopentadiene	12.59	237	60	8.249	ng	# 26
50) Dimethylphthalate	14.19	163	91945	5.792	ng	# 95
54) 2,4-Dinitrophenol	14.94	184	57	8.291	ng	# 18
57) 2,4-Dinitrotoluene	14.75	165	25208	5.213	ng	# 21
65) 4,6-Dinitro-2-methylphenol	15.85	198	54	8.609	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	22116	3.782	ng	# 1
70) Pentachlorophenol	17.02	266	58	4.272	ng	# 18

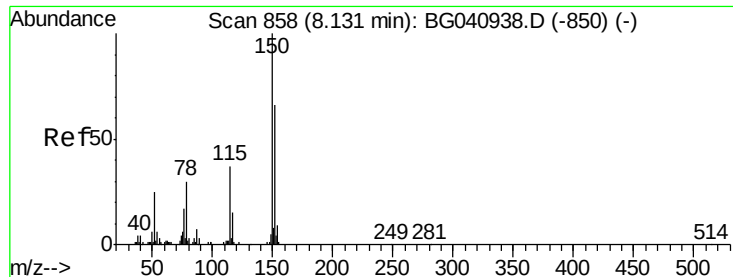
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041046.D

Acq: 3 Jun 2019 22:35

Instrument :

BNA_G

ClientSampleId :

B-11-COMP

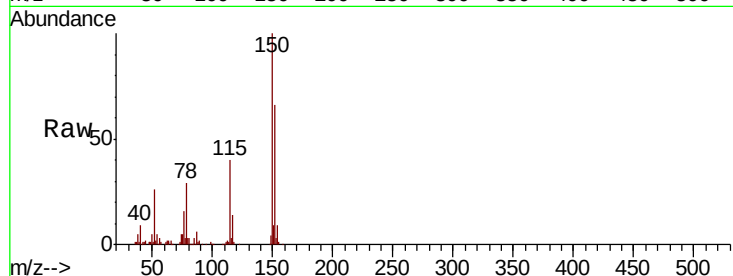
Tgt Ion:152 Resp: 69563

Ion Ratio Lower Upper

152 100

150 150.4 120.6 180.8

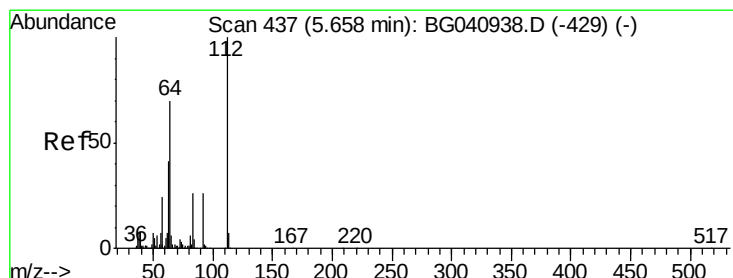
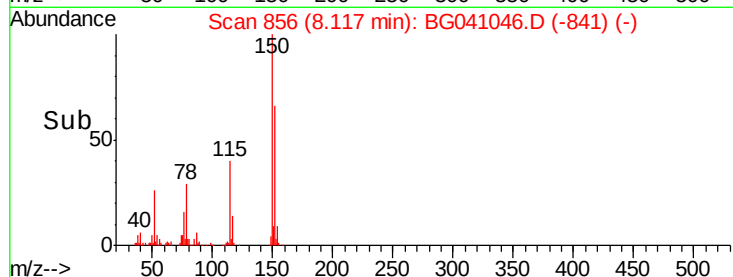
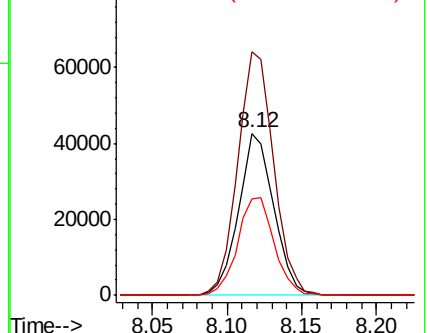
115 59.6 45.1 67.7



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: 112.036 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

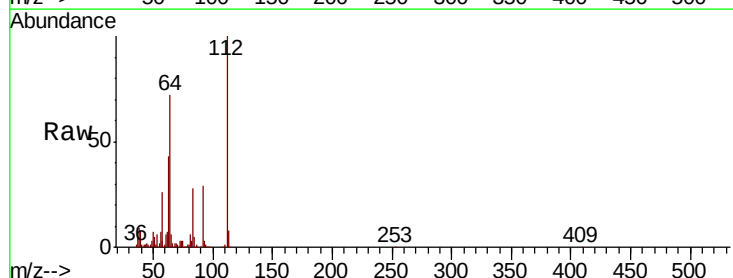
Tgt Ion:112 Resp: 432206

Ion Ratio Lower Upper

112 100

64 71.7 56.2 84.2

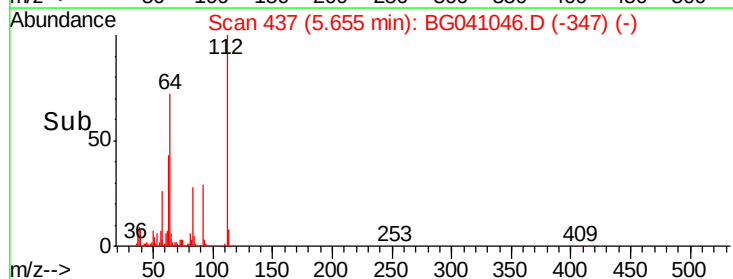
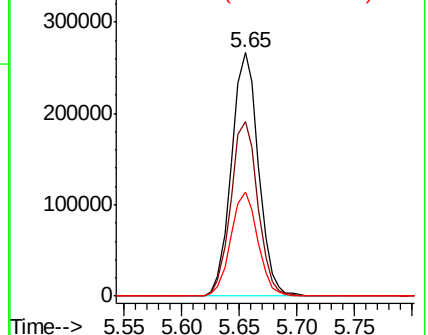
63 42.9 32.8 49.2

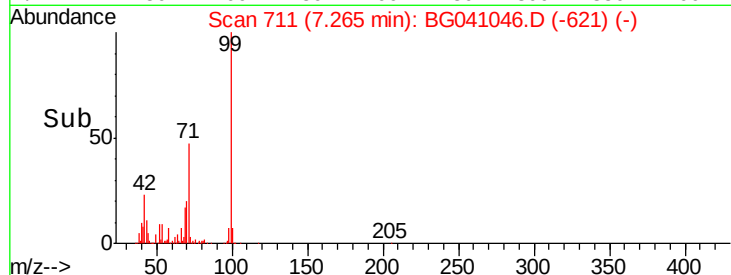
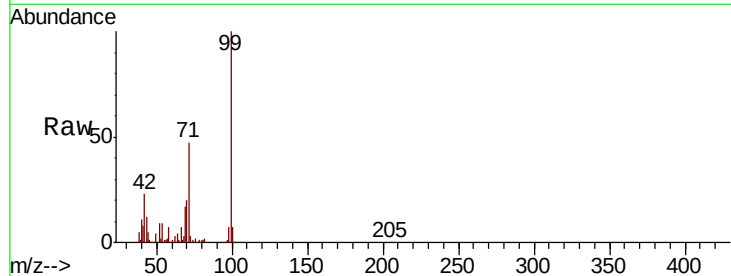
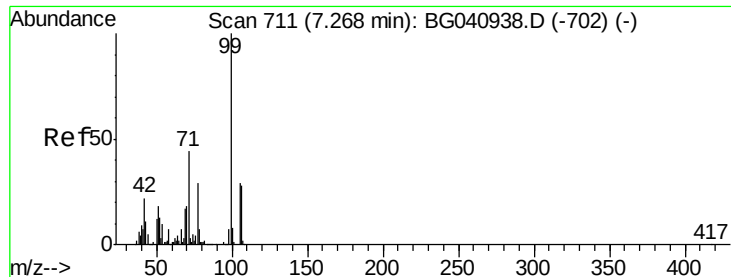


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.920 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

Instrument :

BNA_G

ClientSampleId :

B-11-COMP

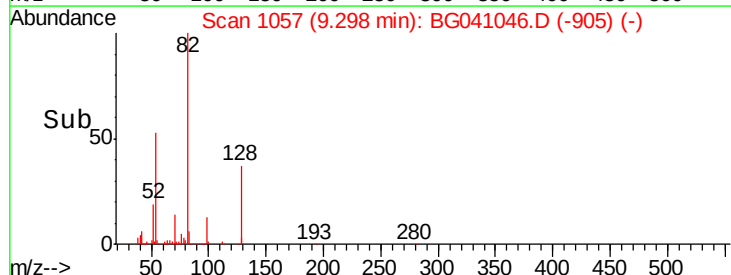
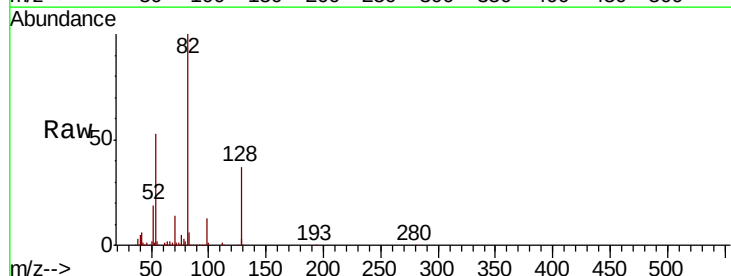
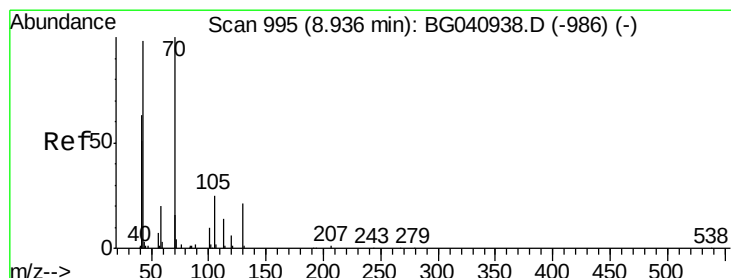
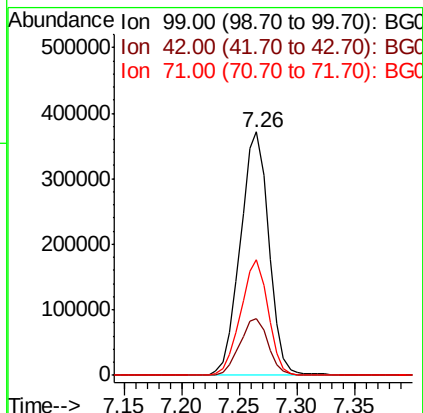
Tgt Ion: 99 Resp: 637017

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 47.3 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.351 ng

RT: 9.30 min Scan# 1057

Delta R.T. 0.36 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

Tgt Ion: 70 Resp: 65799

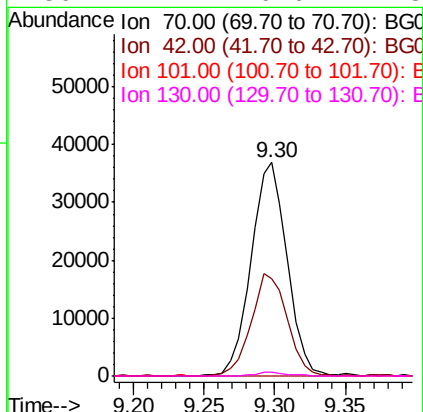
Ion Ratio Lower Upper

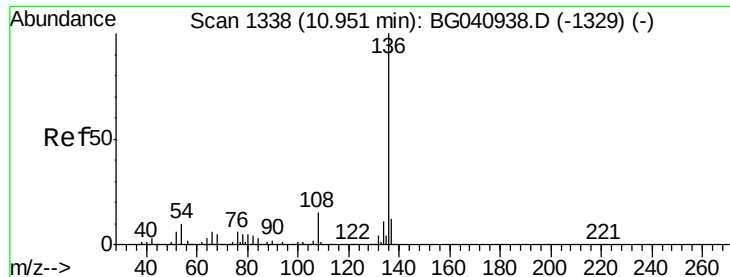
70 100

42 45.3 51.5 77.3#

101 0.0 8.1 12.1#

130 1.7 16.6 24.8#

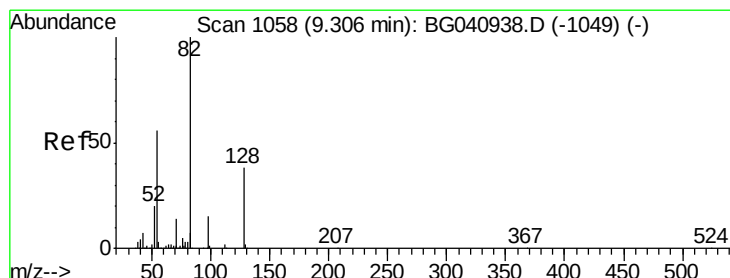
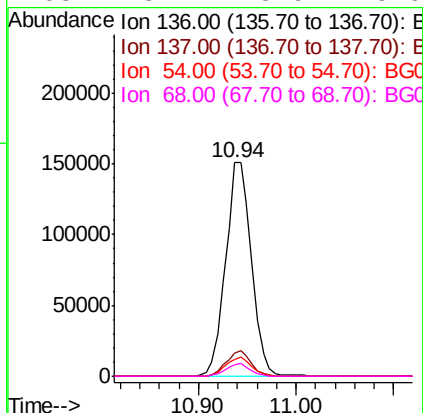
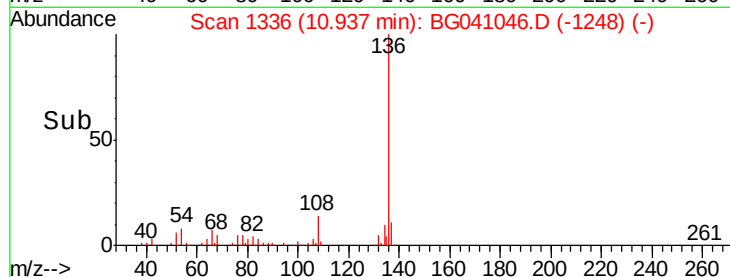
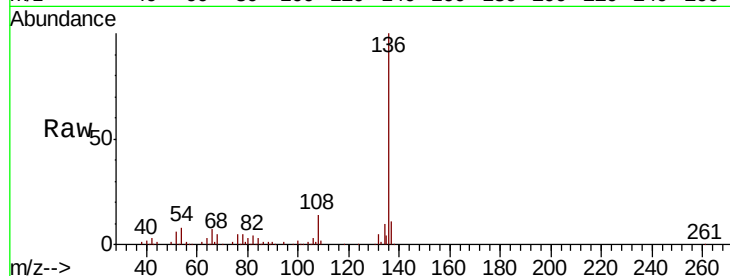




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

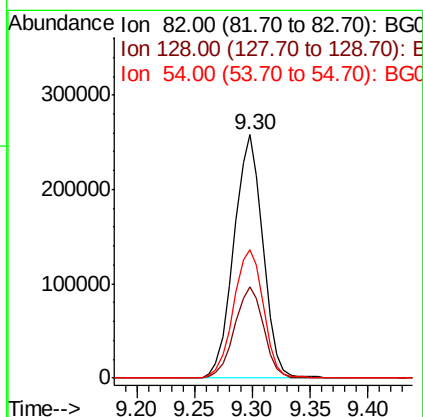
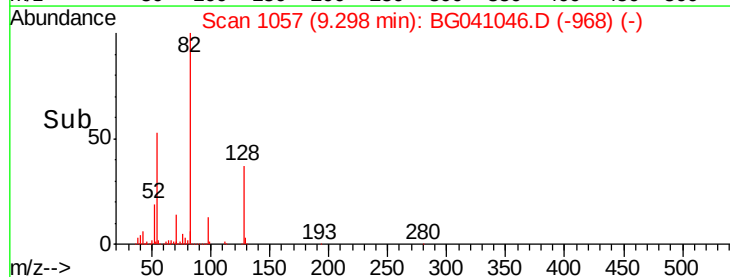
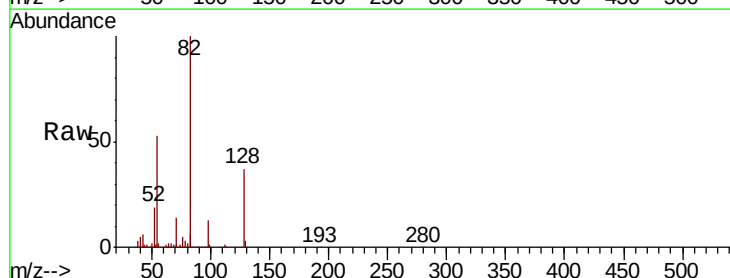
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B-11-COMP

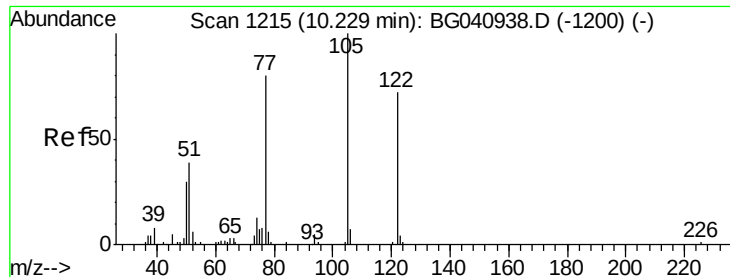
Tgt Ion:	136	Resp:	274798
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	7.5	7.6	11.4#
68	5.2	3.9	5.9



#23
Nitrobenzene-d5
Concen: 72.540 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion:	82	Resp:	449025
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	52.8	44.6	66.8

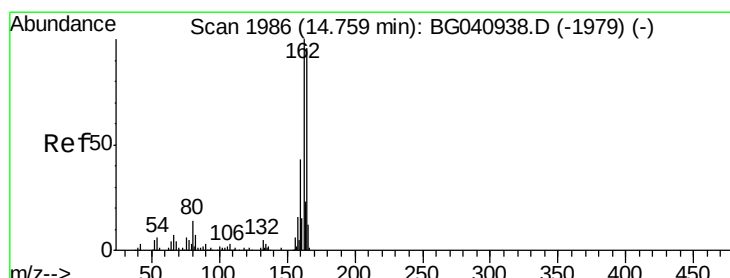
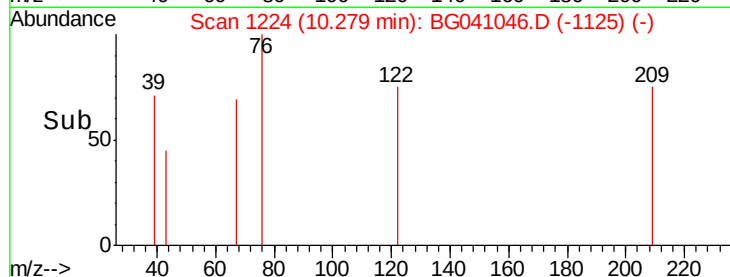
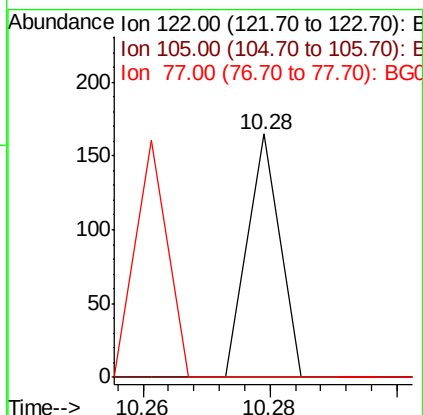
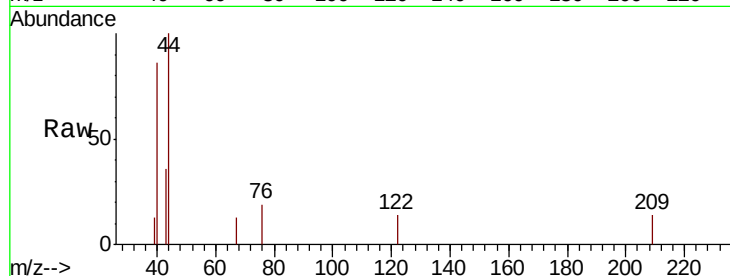




#32
Benzoic acid
Concen: 8.144 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.05 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

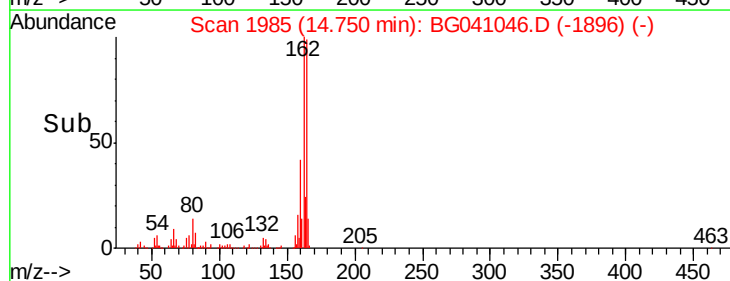
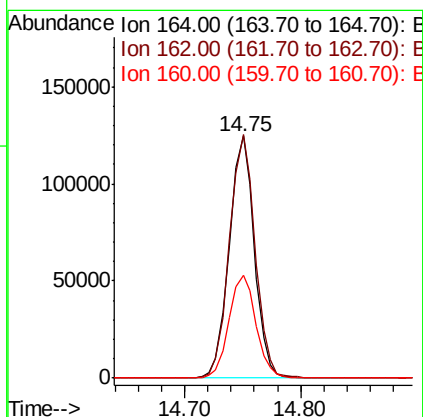
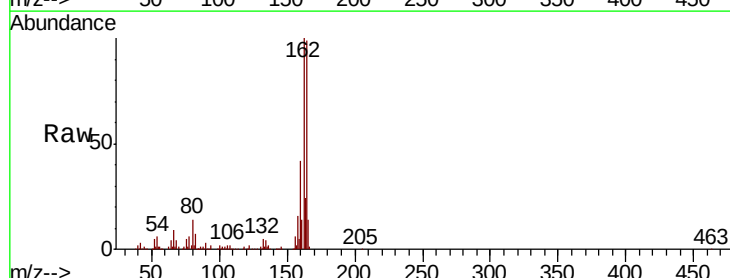
Instrument :
BNA_G
ClientSampleId :
B-11-COMP

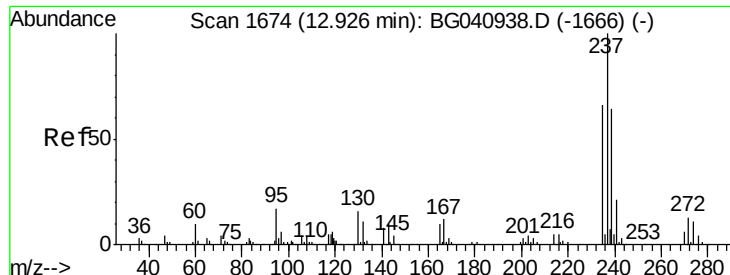
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.4
160	42.3	35.6	53.4

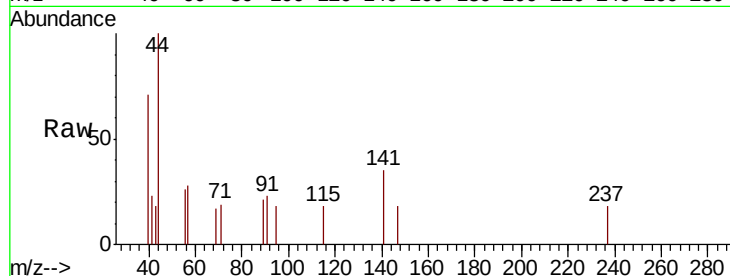




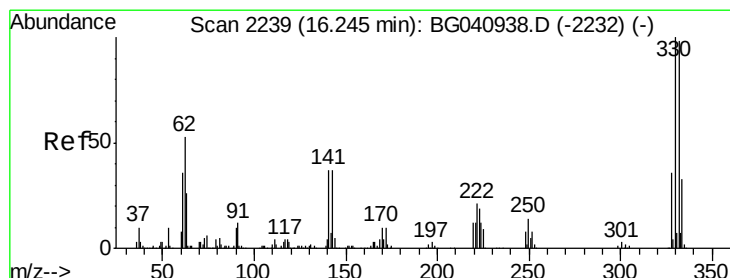
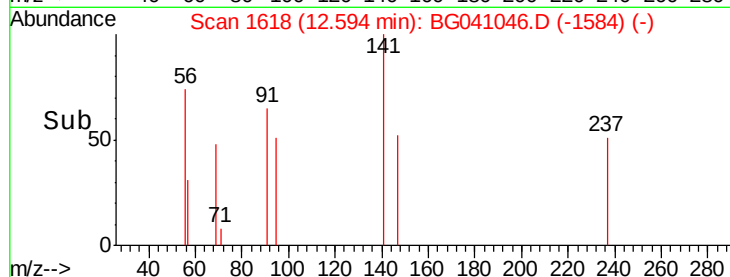
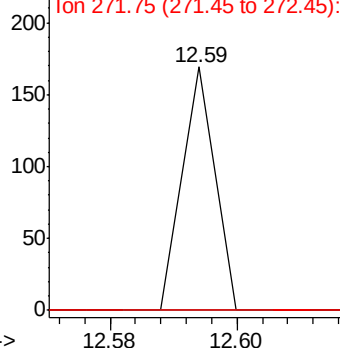
#41
Hexachlorocyclopentadiene
Concen: 8.249 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.33 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-11-COMP

Tgt Ion: 237 Resp: 60
Ion Ratio Lower Upper
237 100
235 0.0 45.5 85.5#
272 0.0 0.0 32.9

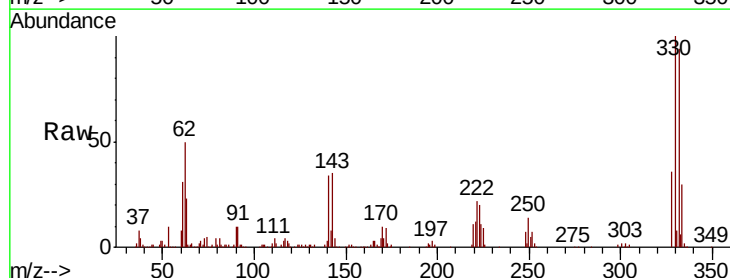


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

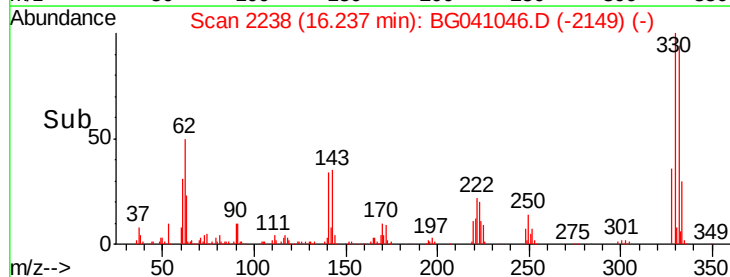
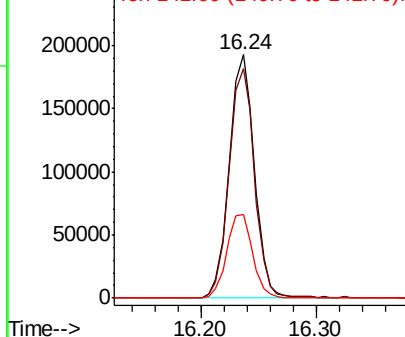


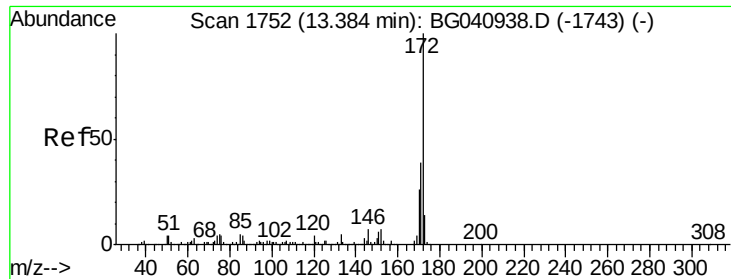
#42
2,4,6-Tribromophenol
Concen: 104.807 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion: 330 Resp: 291805
Ion Ratio Lower Upper
330 100
332 95.1 78.5 117.7
141 35.4 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

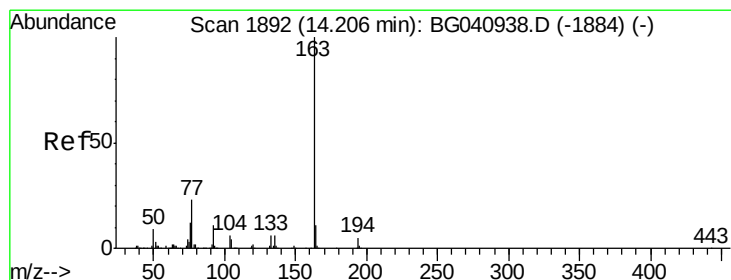
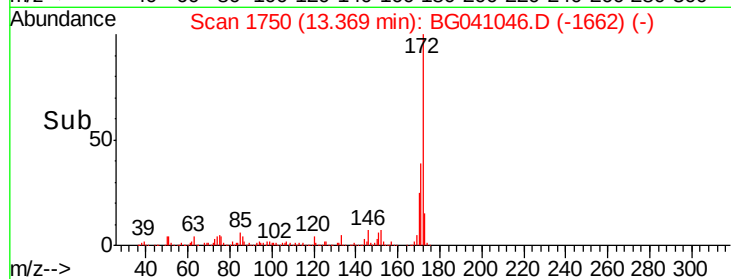
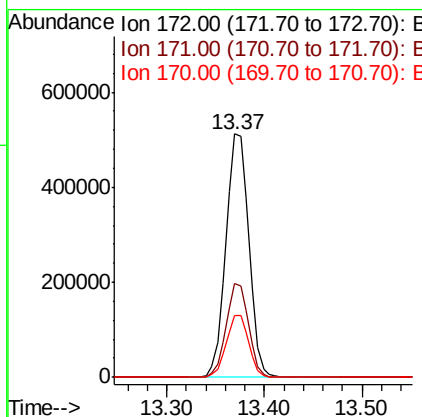
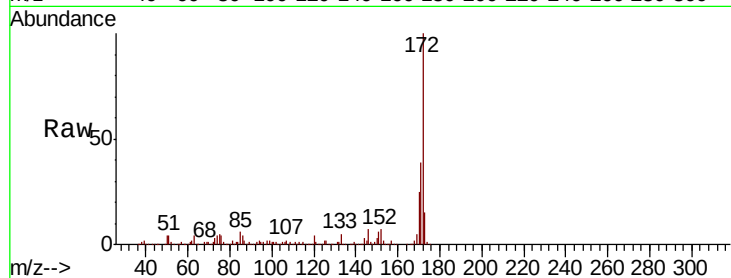




#45
 2-Fluorobiphenyl
 Concen: 64.128 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

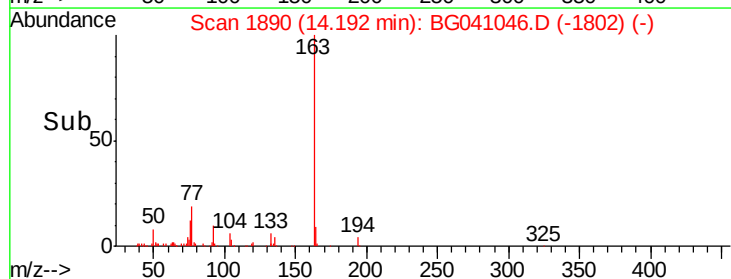
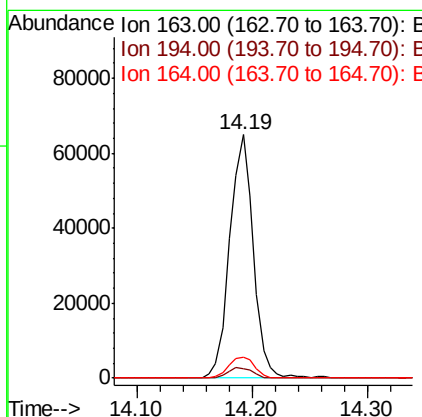
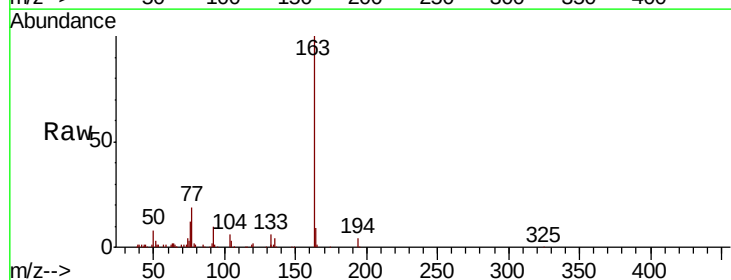
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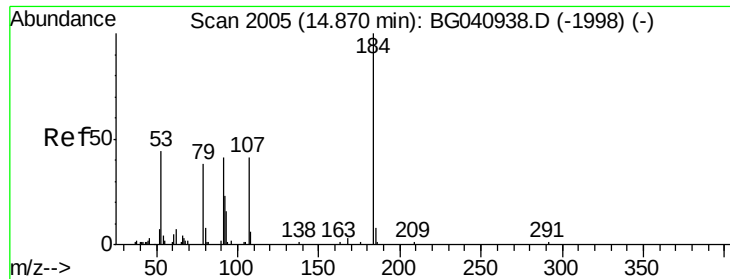
Tgt Ion:	172	Resp:	835134
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	25.3	20.5	30.7



#50
 Dimethylphthalate
 Concen: 5.792 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

Tgt Ion:	163	Resp:	91945
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.8
164	8.6	8.7	13.1#

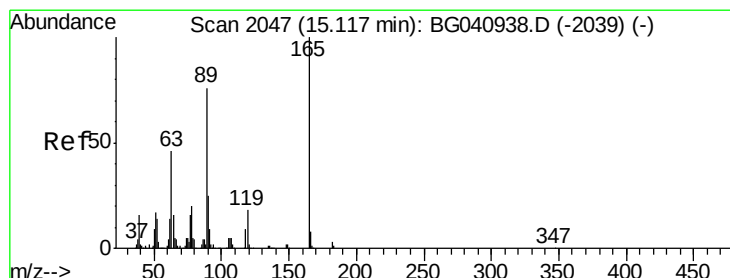
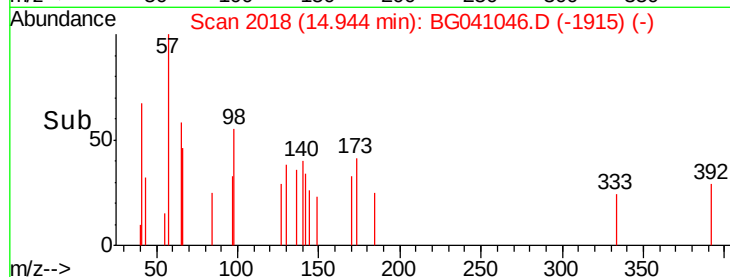
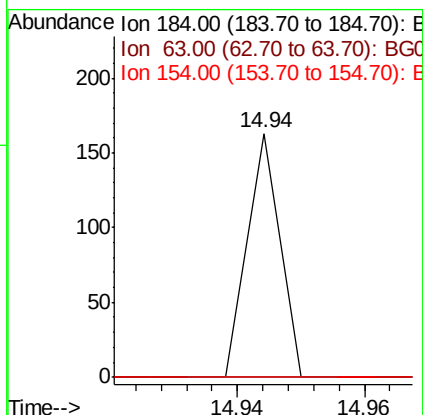
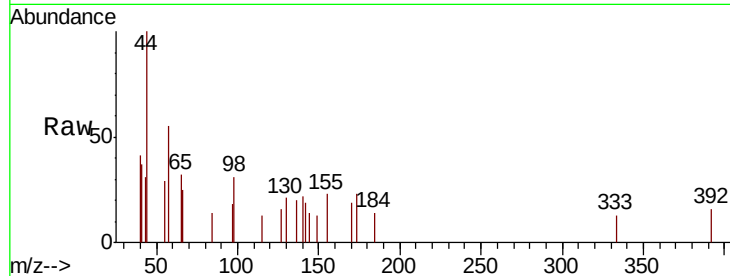




#54
2,4-Dinitrophenol
Concen: 8.291 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.07 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

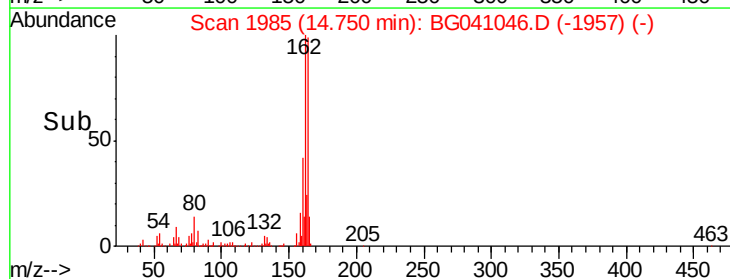
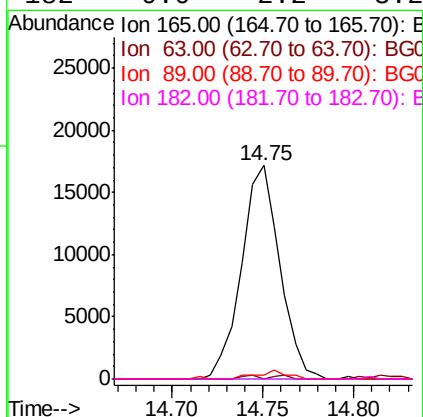
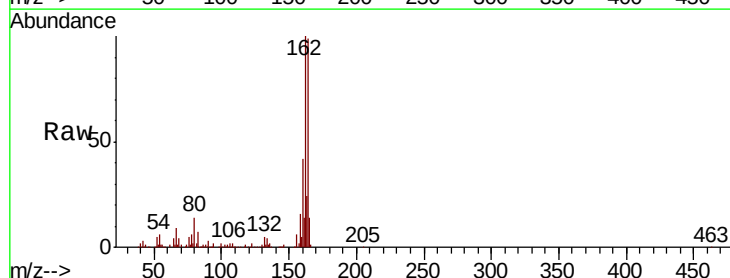
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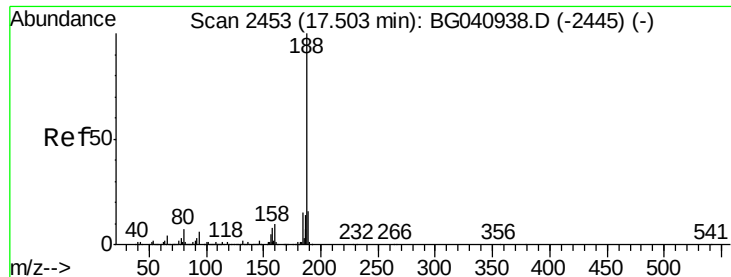
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 49.8 74.6#
154 0.0 52.2 78.4#



#57
2,4-Dinitrotoluene
Concen: 5.213 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.37 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion:165 Resp: 25208
Ion Ratio Lower Upper
165 100
63 0.0 37.3 55.9#
89 1.5 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: BG041046.D

Acq: 3 Jun 2019 22:35

Instrument :

BNA_G

ClientSampleId :

B-11-COMP

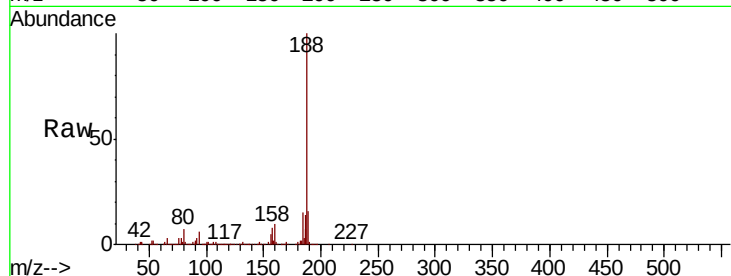
Tgt Ion:188 Resp: 433321

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

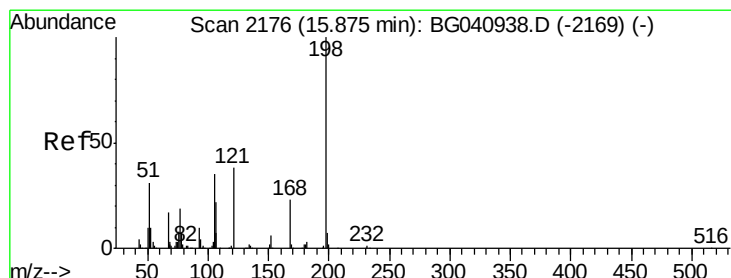
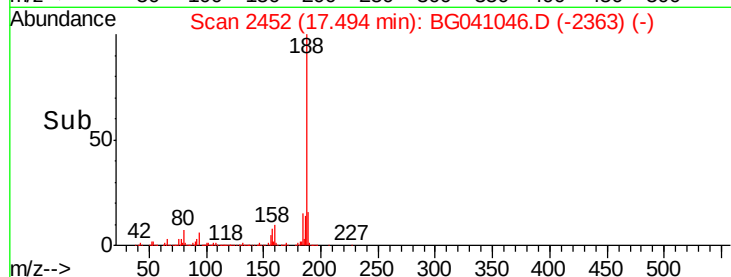
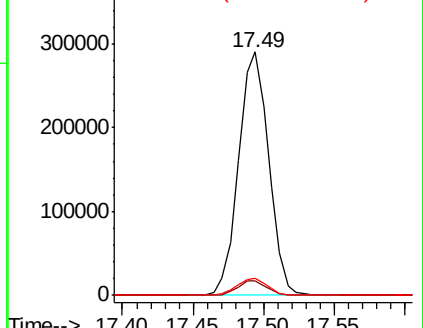
80 6.8 5.8 8.8



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: 8.609 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

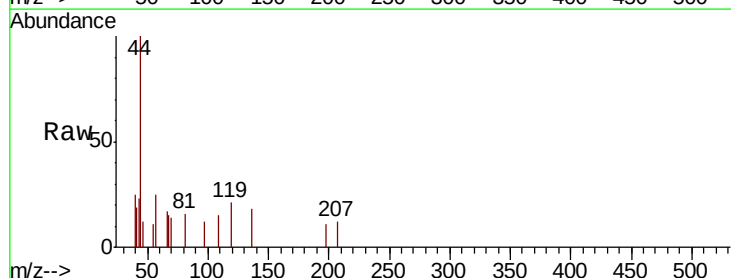
Tgt Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

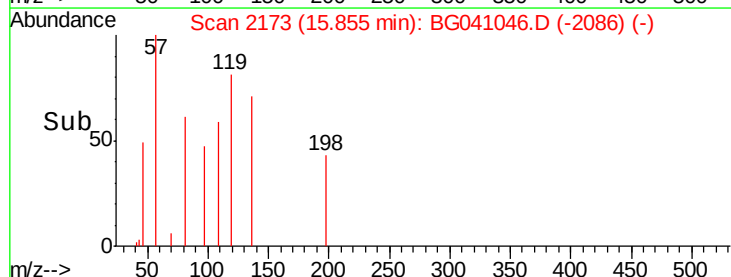
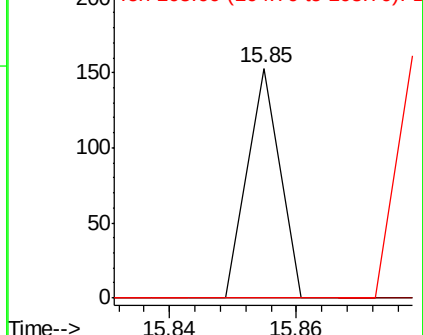
105 0.0 17.5 57.5#

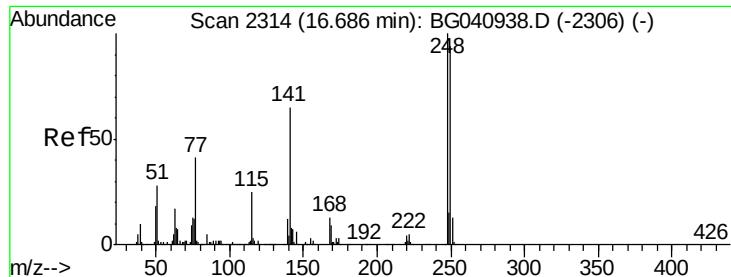


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

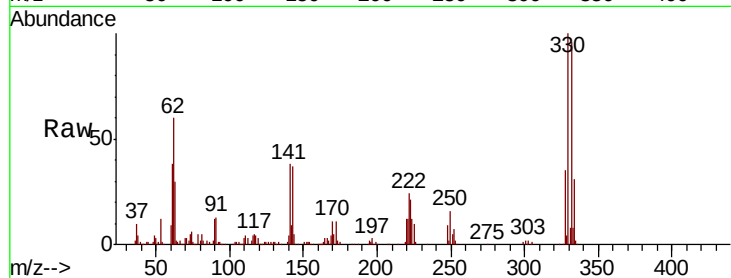




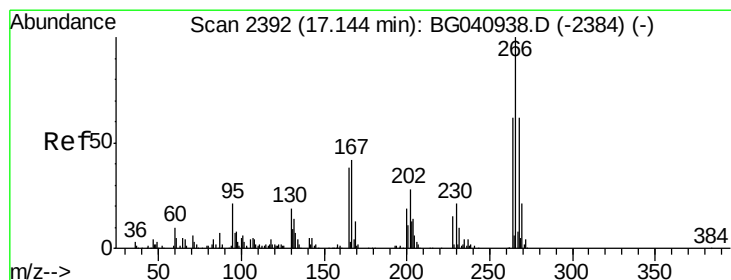
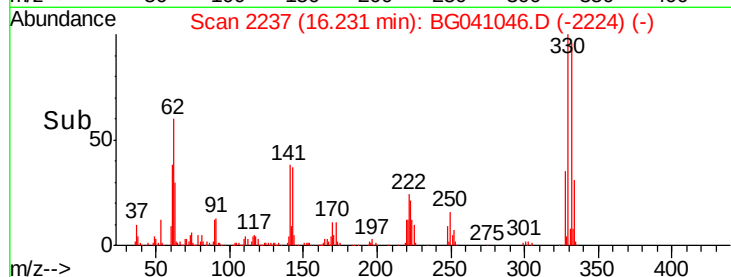
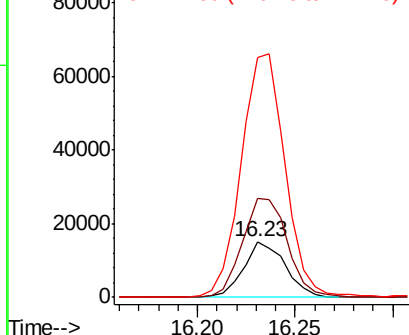
#67
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.46 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-11-COMP

Tgt Ion:248 Resp: 22116
Ion Ratio Lower Upper
248 100
250 179.1 75.0 112.4#
141 431.6 52.4 78.6#

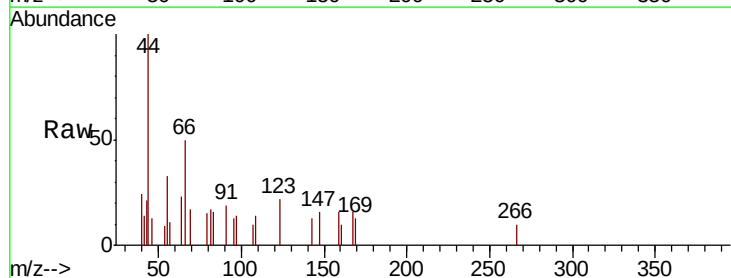


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

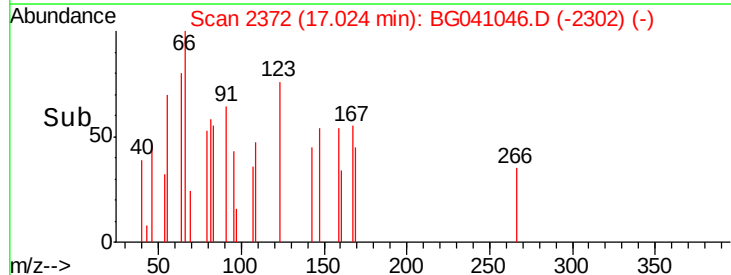
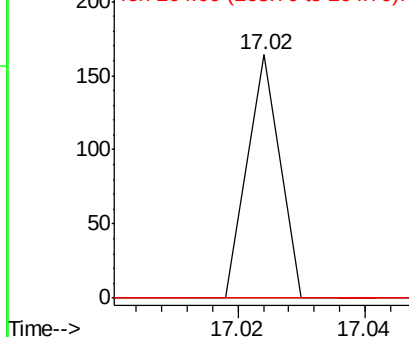


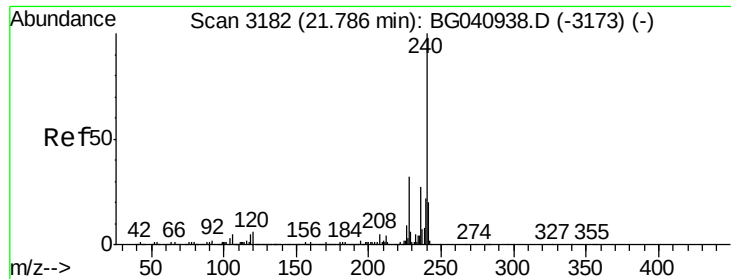
#70
Pentachlorophenol
Concen: 4.272 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.12 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion:266 Resp: 58
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

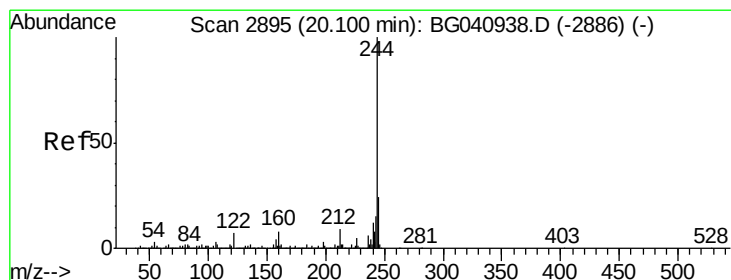
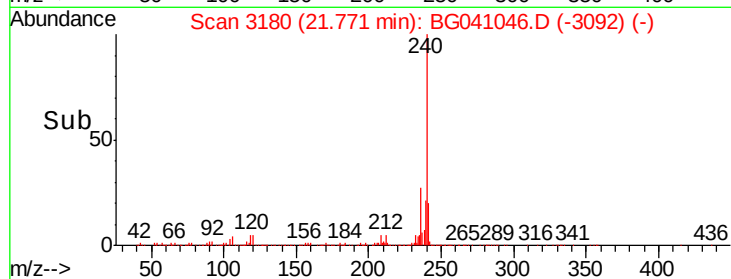
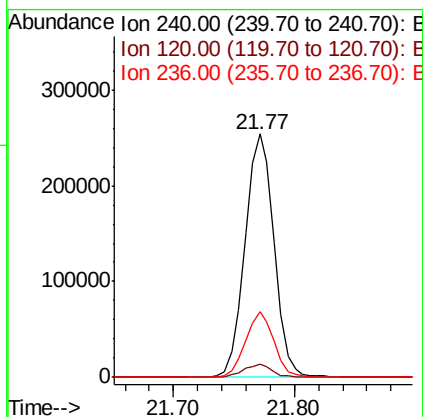
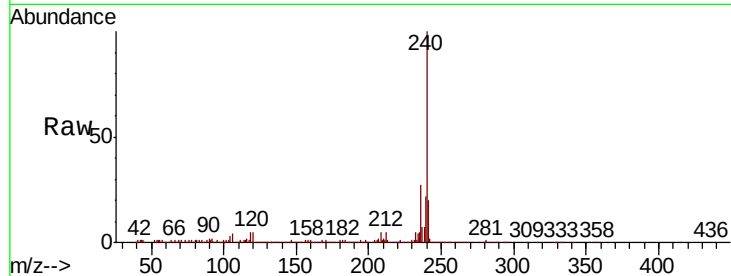




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

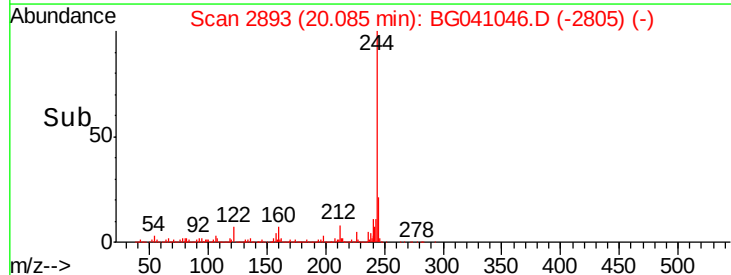
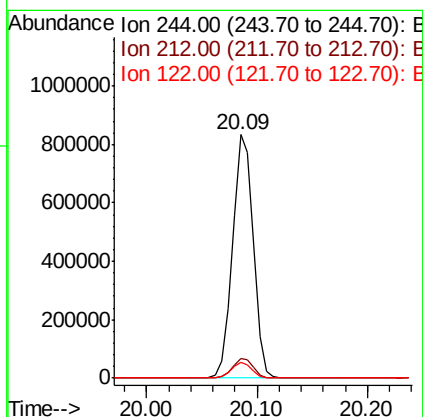
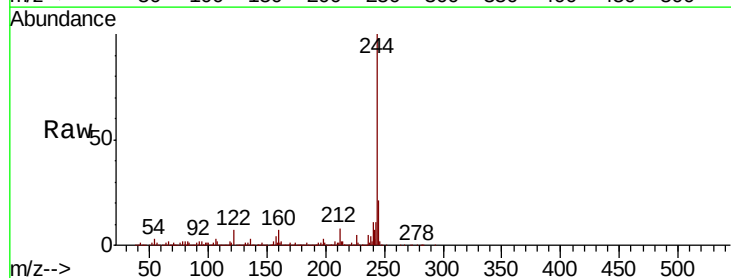
Instrument :
BNA_G
ClientSampleId :
B-11-COMP

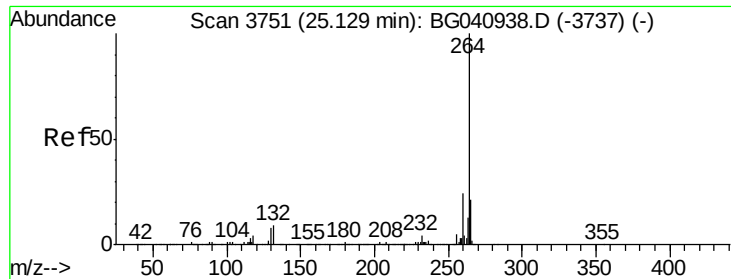
Tgt Ion:240 Resp: 424900
Ion Ratio Lower Upper
240 100
120 5.2 4.5 6.7
236 26.7 21.3 31.9



#79
Terphenyl-d14
Concen: 54.881 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion:244 Resp: 1098727
Ion Ratio Lower Upper
244 100
212 8.2 7.0 10.4
122 6.7 5.4 8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-11-COMP

Tgt Ion:	264	Resp:	448662
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	21.7	17.0	25.4

