

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041061.D
 Acq On : 4 Jun 2019 16:58
 Operator : HP/JU
 Sample : K3110-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Quant Time: Jun 05 05:22:47 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	8.11	152	49858	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	189153	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	137249	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	340780	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	327827	20.00	ng	-0.02
87) Perylene-d12	25.09	264	349677	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	367595	132.95	ng	0.00
7) Phenol-d6	7.27	99	535019	125.29	ng	0.00
23) Nitrobenzene-d5	9.29	82	360982	84.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	272551	133.76	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	800414	83.98	ng	-0.02
79) Terphenyl-d14	20.08	244	1305302	84.50	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	36779	29.314	ng	# 91
3) Pyridine	3.92	79	82944	22.341	ng	95
4) n-Nitrosodimethylamine	3.85	42	68162	39.559	ng	83
6) Aniline	7.44	93	93032	16.322	ng	97
8) 2-Chlorophenol	7.67	128	116646	35.387	ng	95
9) Benzaldehyde	7.25	77	56126	22.034	ng	93
10) Phenol	7.29	94	162630	35.520	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	109757	33.045	ng	97
12) 1,3-Dichlorobenzene	8.00	146	132695	33.704	ng	94
13) 1,4-Dichlorobenzene	8.15	146	132046	33.135	ng	96
14) 1,2-Dichlorobenzene	8.47	146	127412	32.928	ng	98
15) Benzyl Alcohol	8.35	79	137844	34.896	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	176905	32.594	ng	96
17) 2-Methylphenol	8.55	107	114319	34.485	ng	97
18) Hexachloroethane	9.20	117	50305	32.752	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	108466	33.007	ng	99
20) 3+4-Methylphenols	8.88	107	157588	34.318	ng	98
22) Acetophenone	8.95	105	202674	38.197	ng	# 96
24) Nitrobenzene	9.33	77	161884	37.282	ng	98
25) Isophorone	9.85	82	303415	37.419	ng	99
26) 2-Nitrophenol	10.04	139	72456	40.477	ng	89
27) 2,4-Dimethylphenol	10.09	122	123847	41.891	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	157798	36.056	ng	97
29) 2,4-Dichlorophenol	10.57	162	141228	37.618	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	150293	35.191	ng	98
31) Naphthalene	10.98	128	371137	36.544	ng	99
32) Benzoic acid	10.19	122	35322	20.893	ng	94
33) 4-Chloroaniline	11.10	127	69956	14.846	ng	98
34) Hexachlorobutadiene	11.24	225	110882	33.932	ng	96
35) Caprolactam	11.88	113	44735	36.084	ng	98
36) 4-Chloro-3-methylphenol	12.20	107	157493	36.732	ng	96
37) 2-Methylnaphthalene	12.58	142	280109	35.811	ng	99
38) 1-Methylnaphthalene	12.80	142	267763	36.328	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	200291	36.207	ng	98

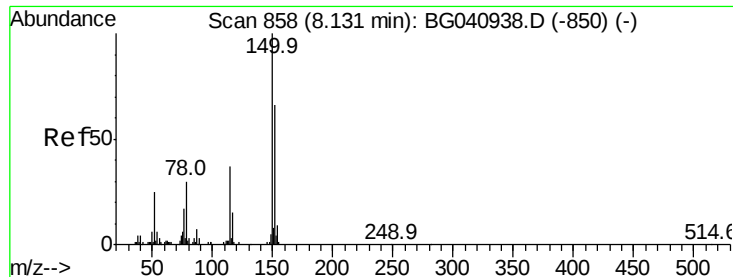
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	232566	78.393	ng	95
43) 2,4,6-Trichlorophenol	13.18	196	134477	37.578	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	144913	38.396	ng	96
46) 1,1'-Biphenyl	13.58	154	380028	37.406	ng	99
47) 2-Chloronaphthalene	13.63	162	311247	35.686	ng	97
48) 2-Nitroaniline	13.83	65	116404	37.203	ng	97
49) Acenaphthylene	14.47	152	484388	36.901	ng	98
50) Dimethylphthalate	14.19	163	534905	46.040	ng	99
51) 2,6-Dinitrotoluene	14.32	165	93765	37.431	ng	95
52) Acenaphthene	14.81	154	280826	35.315	ng	94
53) 3-Nitroaniline	14.66	138	48432	19.335	ng	97
54) 2,4-Dinitrophenol	14.86	184	95494	75.187	ng	96
55) Dibenzofuran	15.14	168	490551	36.661	ng	98
56) 4-Nitrophenol	14.95	139	144375	84.030	ng	94
57) 2,4-Dinitrotoluene	15.11	165	131715	37.224	ng	95
58) Fluorene	15.79	166	383336	35.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	145927	39.344	ng	99
60) Diethylphthalate	15.54	149	421141	35.519	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	246612	35.605	ng	95
62) 4-Nitroaniline	15.82	138	93579	35.288	ng	90
63) Azobenzene	16.07	77	389704	36.163	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78993	44.106	ng	93
66) n-Nitrosodiphenylamine	15.99	169	354644	37.020	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	154037	33.494	ng	98
68) Hexachlorobenzene	16.78	284	164220	33.534	ng	99
69) Atrazine	16.93	200	152915	41.369	ng	97
70) Pentachlorophenol	17.13	266	196545	75.190	ng	99
71) Phenanthrene	17.53	178	654572	36.876	ng	99
72) Anthracene	17.62	178	666847	38.090	ng	100
73) Carbazole	17.89	167	582521	38.779	ng	99
74) Di-n-butylphthalate	18.42	149	675244	36.167	ng	99
75) Fluoranthene	19.53	202	822737	37.525	ng	97
77) Benzidine	19.72	184	120533	15.413	ng	99
78) Pyrene	19.90	202	820094	38.482	ng	100
80) Butylbenzylphthalate	20.76	149	305116	36.791	ng	97
81) Benzo(a)anthracene	21.75	228	784308	35.941	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	154827	20.172	ng	97
83) Chrysene	21.82	228	774328	37.079	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	421571	36.110	ng	97
85) Di-n-octyl phthalate	22.86	149	721595	37.113	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	938701	36.695	ng	99
88) Benzo(b)fluoranthene	24.03	252	779336	36.745	ng	99
89) Benzo(k)fluoranthene	24.10	252	782140	37.266	ng	99
90) Benzo(a)pyrene	24.94	252	779526	38.524	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	775348	38.347	ng	99
92) Benzo(g,h,i)perylene	30.14	276	781284	39.773	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

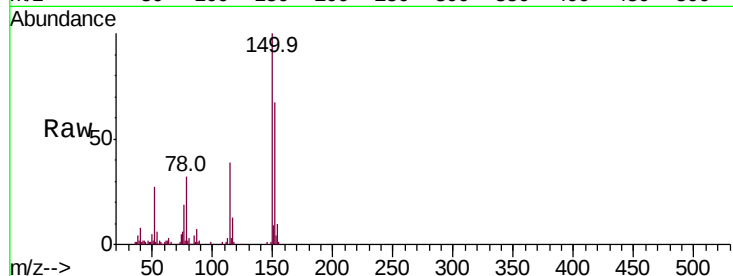
Tot Ion:152 Resp: 49858

Ion Ratio Lower Upper

152 100

150 148.6 120.6 180.8

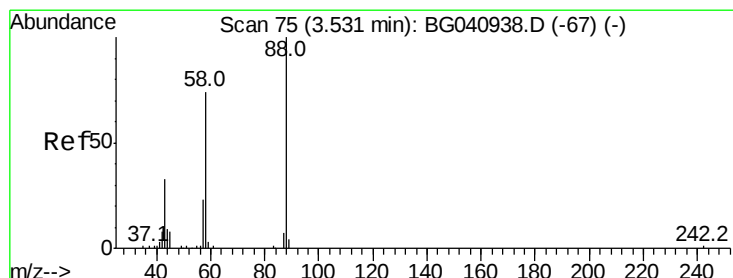
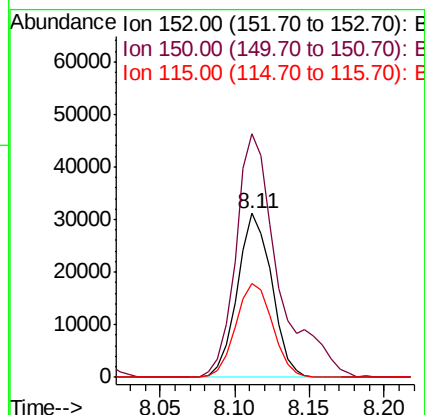
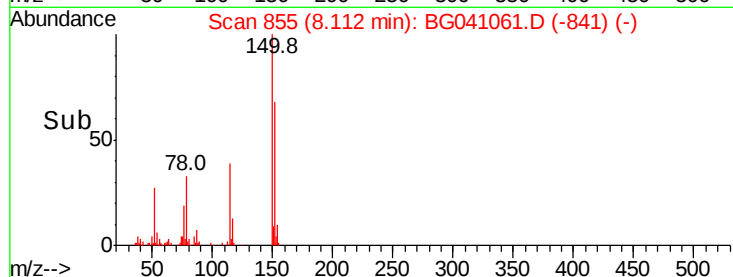
115 57.6 45.1 67.7



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



#2

1,4-Dioxane

Concen: 29.314 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

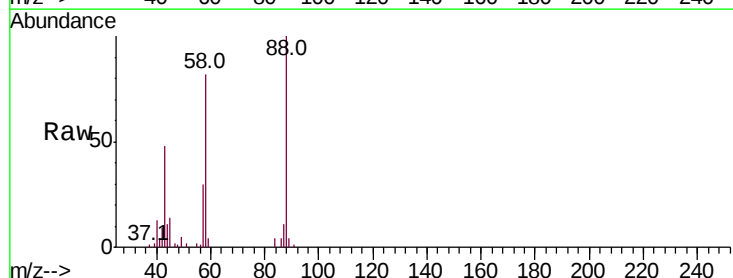
Tgt Ion: 88 Resp: 36779

Ion Ratio Lower Upper

88 100

58 80.1 59.0 88.6

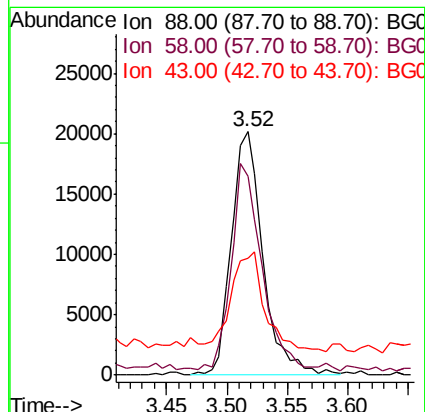
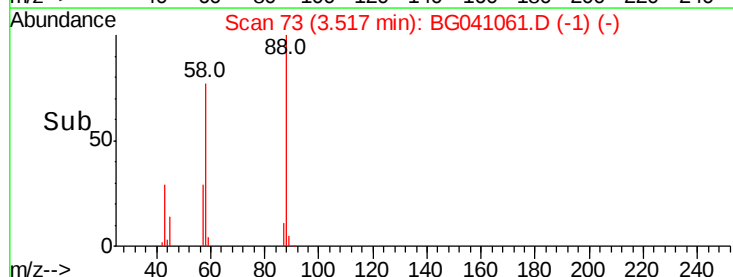
43 40.9 27.2 40.8#

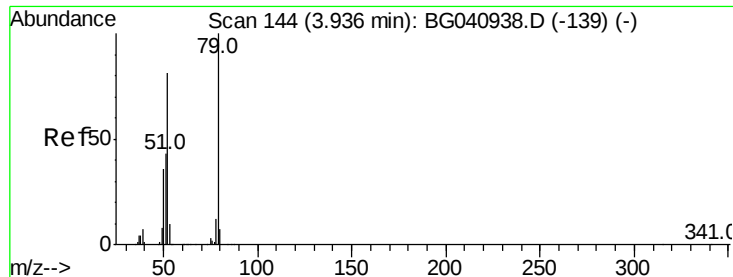


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.341 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

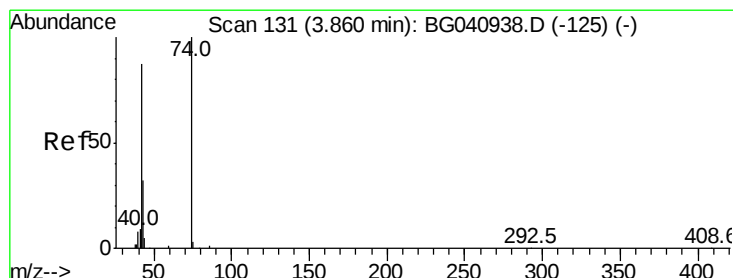
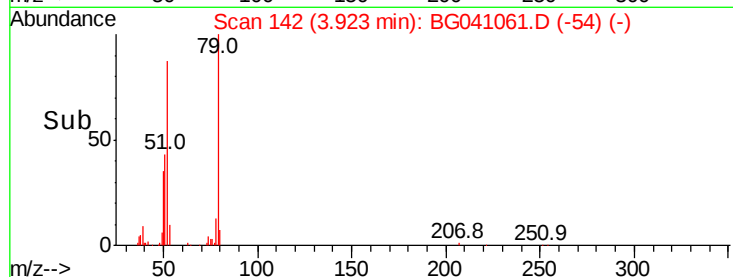
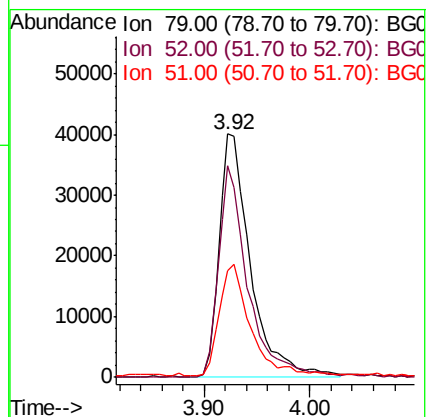
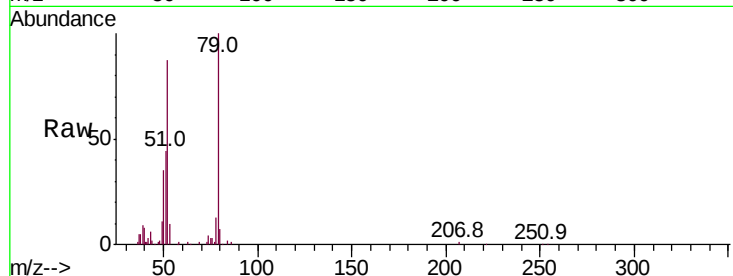
Tot Ion: 79 Resp: 82944

Ion Ratio Lower Upper

79 100

52 87.1 64.8 97.2

51 43.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 39.559 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

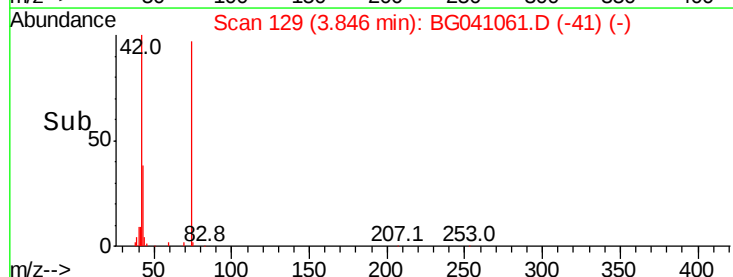
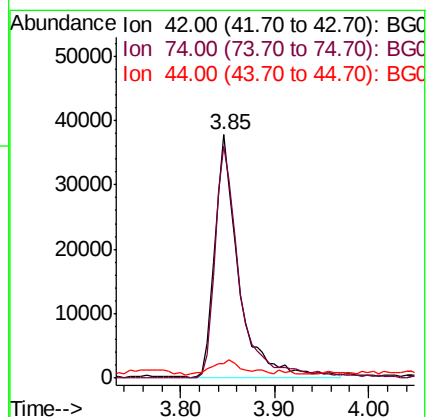
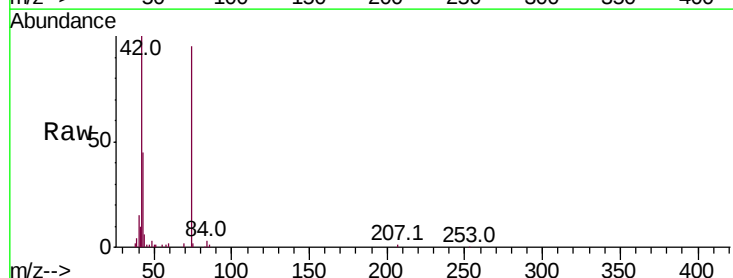
Tgt Ion: 42 Resp: 68162

Ion Ratio Lower Upper

42 100

74 95.4 91.8 137.6

44 6.2 6.0 9.0





#5

2-Fluorophenol

Concen: 132.948 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

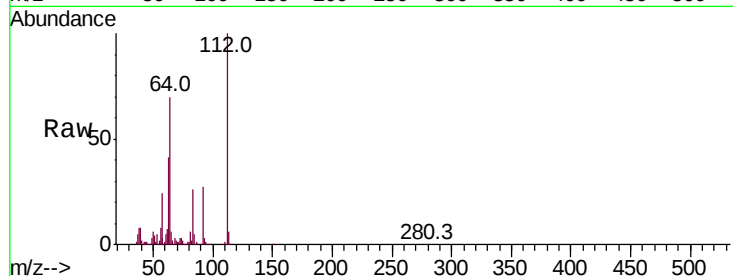
Tot Ion:112 Resp: 367595

Ion Ratio Lower Upper

112 100

64 70.5 56.2 84.2

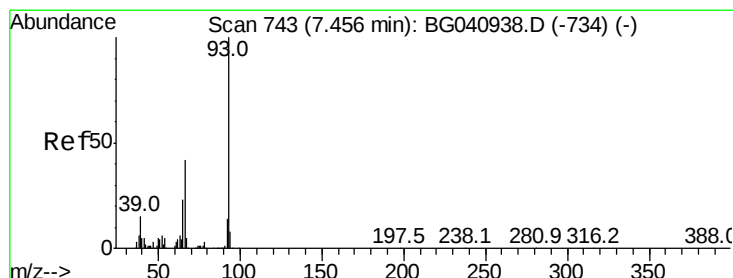
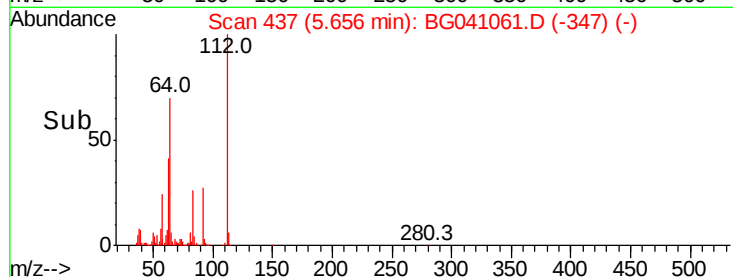
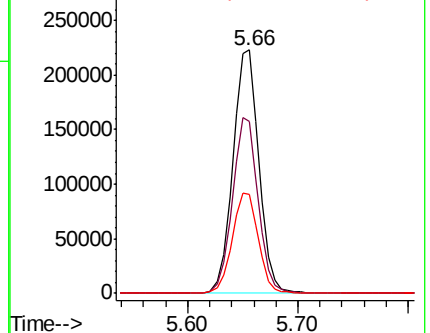
63 40.7 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.322 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

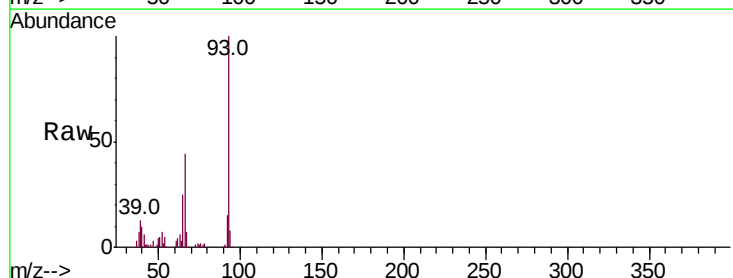
Tgt Ion: 93 Resp: 93032

Ion Ratio Lower Upper

93 100

66 44.5 33.8 50.8

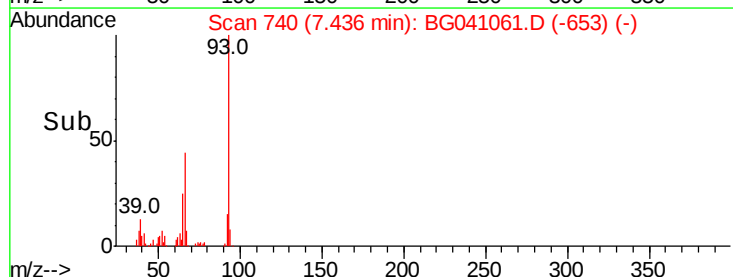
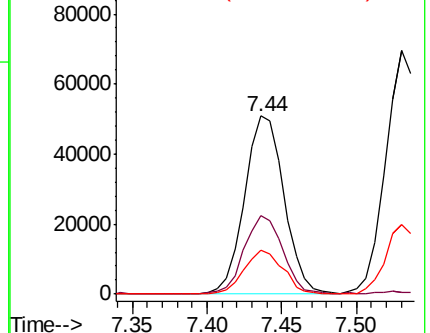
65 24.7 18.3 27.5

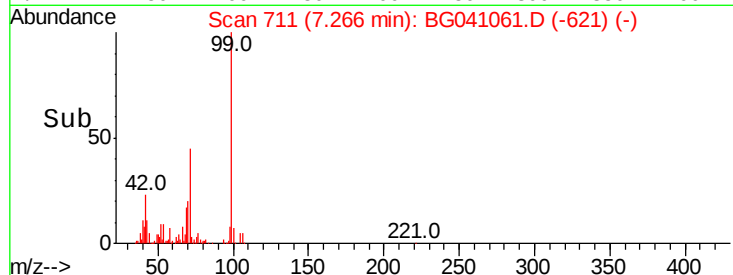
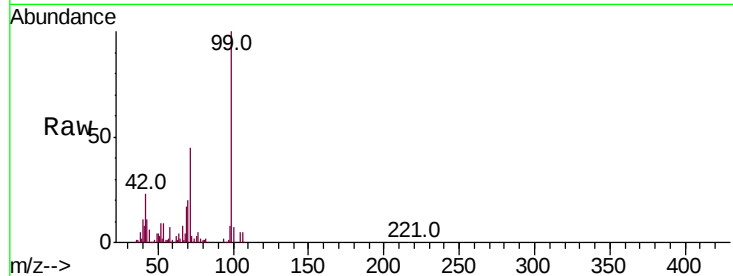
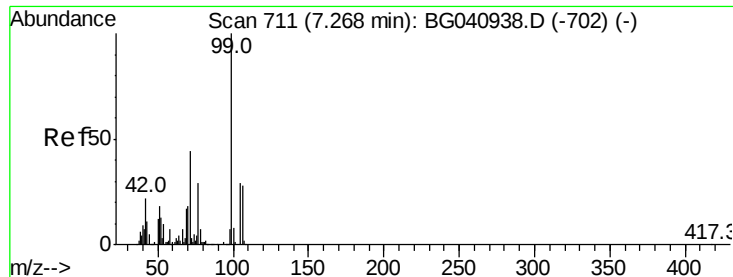


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.292 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

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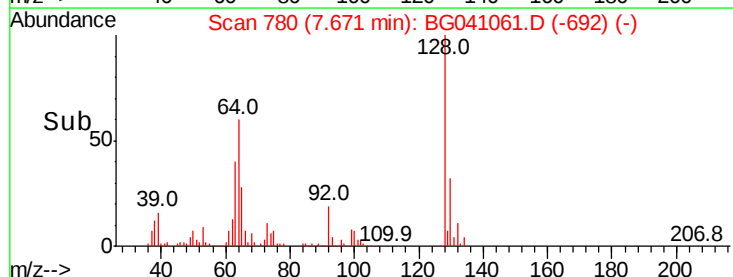
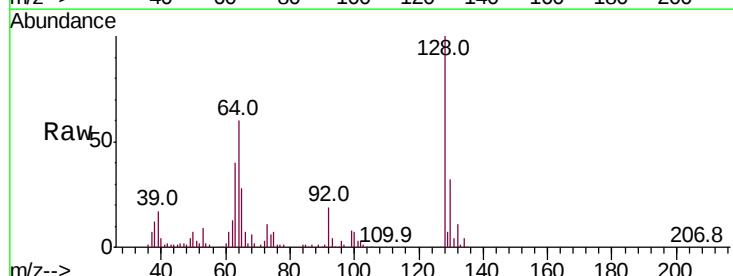
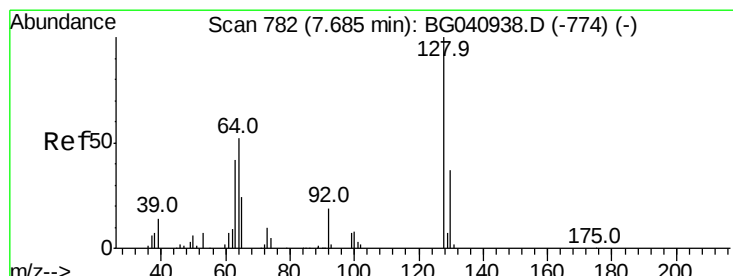
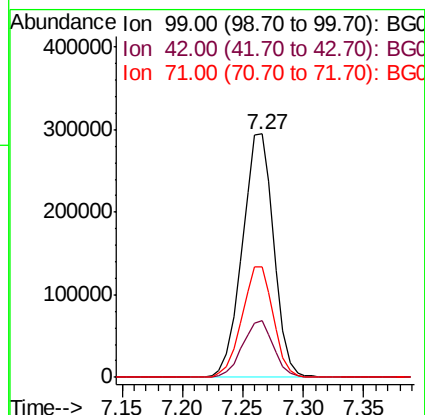
Tot Ion: 99 Resp: 535019

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 45.4 35.4 53.0



#8

2-Chlorophenol

Concen: 35.387 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

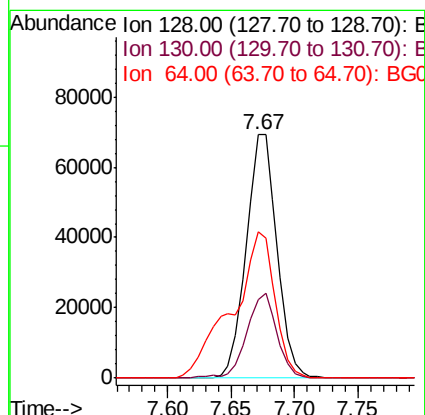
Tgt Ion:128 Resp: 116646

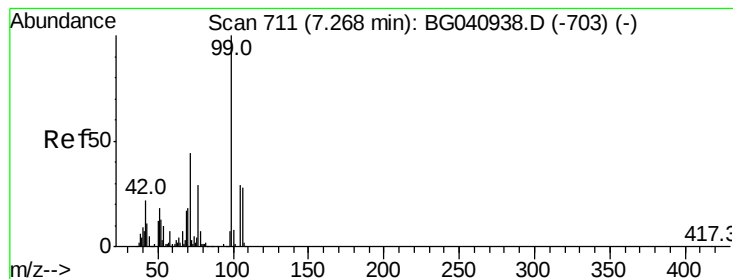
Ion Ratio Lower Upper

128 100

130 32.1 16.6 56.6

64 60.3 37.8 77.8





#9

Benzaldehyde

Concen: 22.034 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

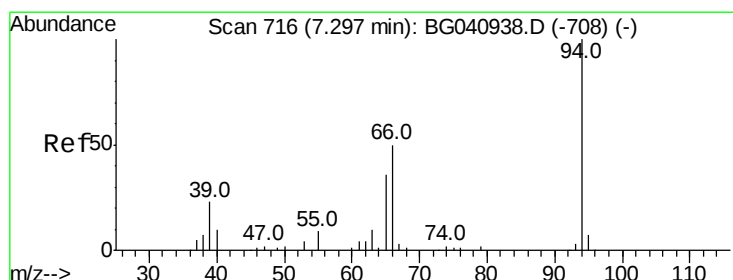
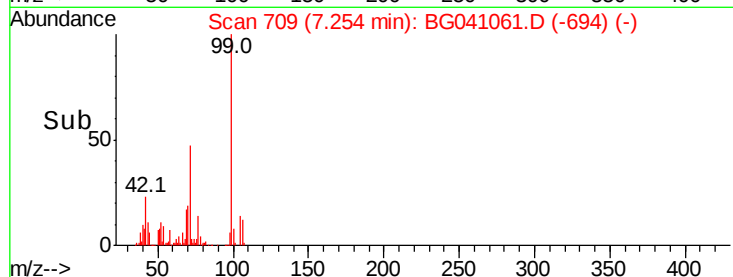
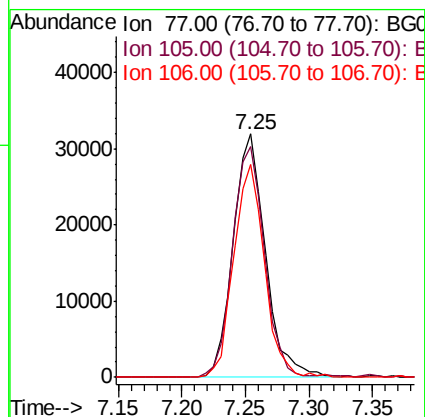
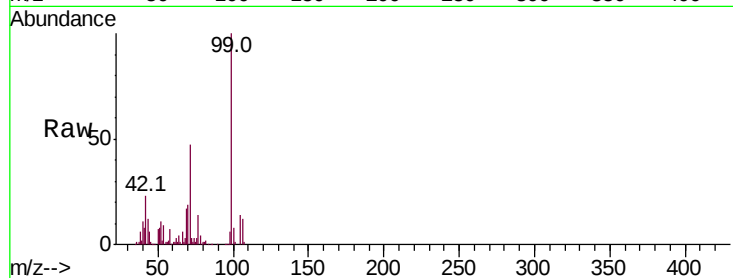
Tot Ion: 77 Resp: 56126

Ion Ratio Lower Upper

77 100

105 94.7 78.9 118.9

106 87.7 76.7 116.7



#10

Phenol

Concen: 35.520 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

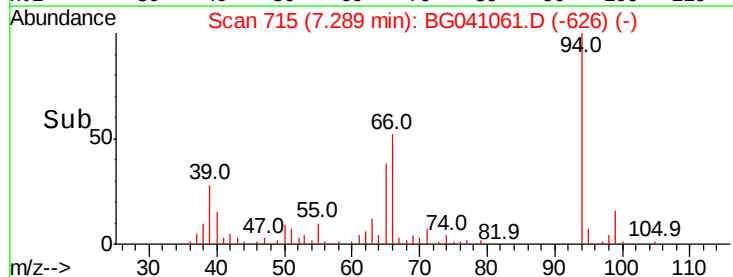
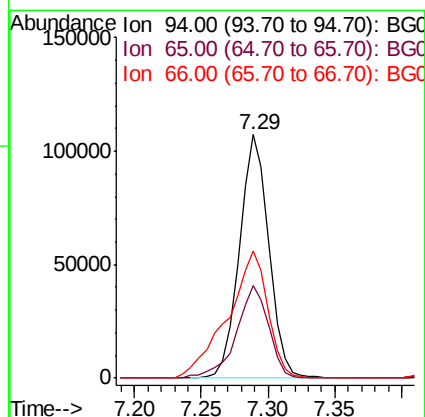
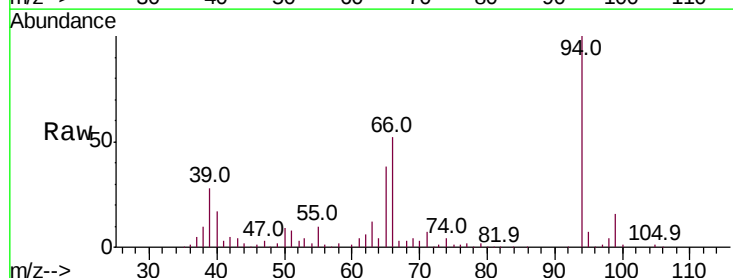
Tgt Ion: 94 Resp: 162630

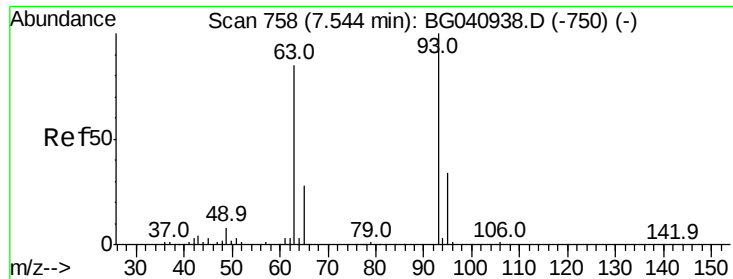
Ion Ratio Lower Upper

94 100

65 37.9 17.0 57.0

66 52.2 32.4 72.4

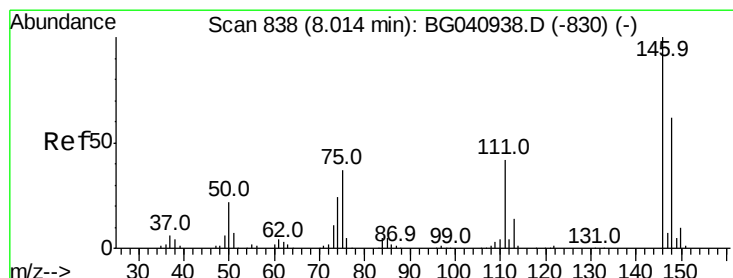
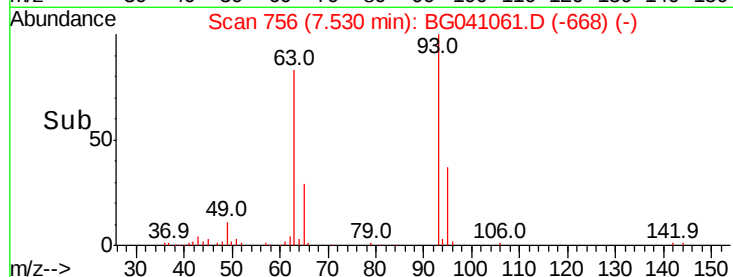
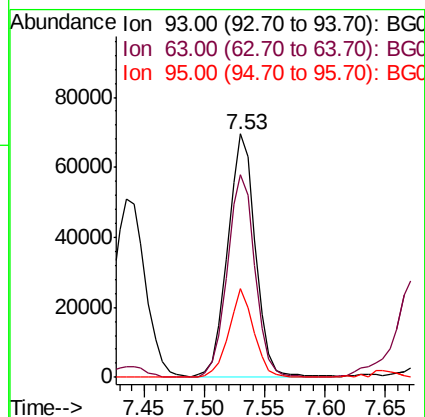
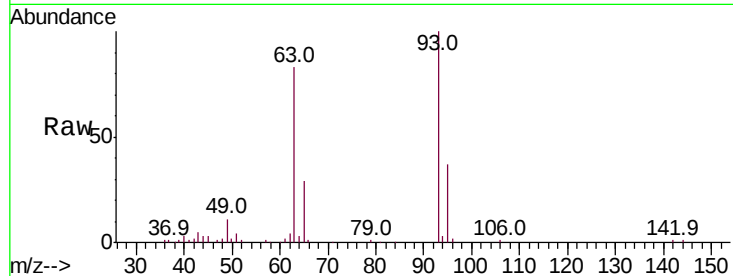




#11
bis(2-Chloroethyl)ether
Concen: 33.045 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

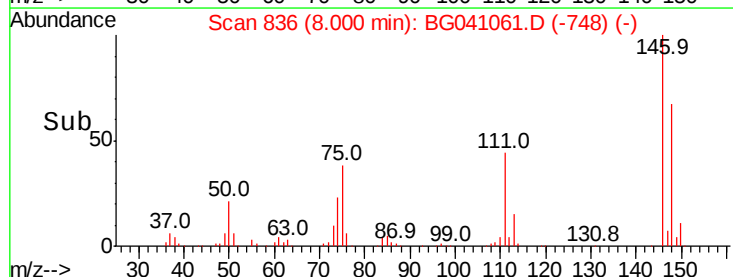
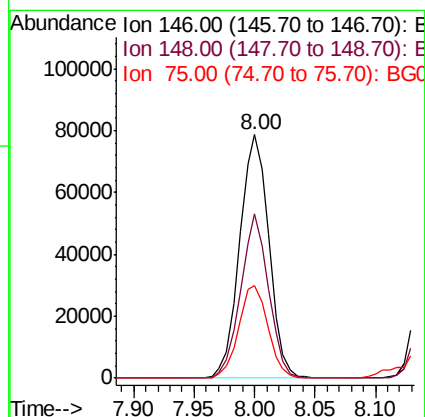
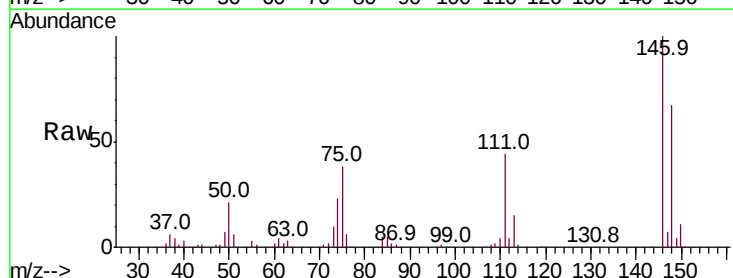
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

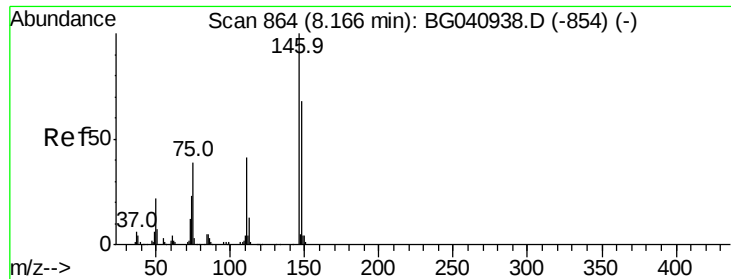
Tot Ion: 93 Resp: 109757
Ion Ratio Lower Upper
93 100
63 83.1 64.5 104.5
95 36.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.704 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion: 146 Resp: 132695
Ion Ratio Lower Upper
146 100
148 67.3 49.2 73.8
75 38.2 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 33.135 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

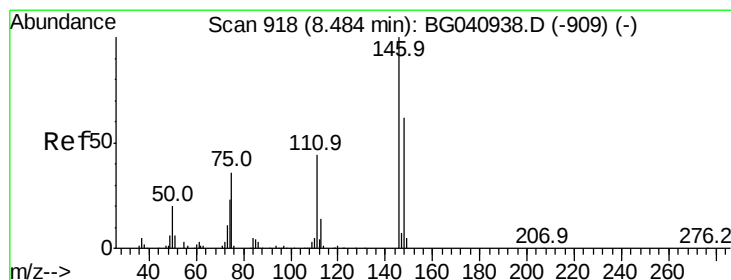
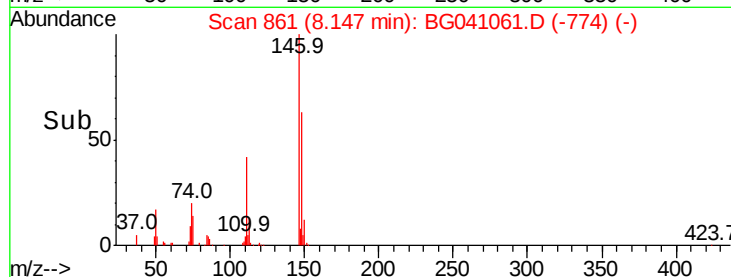
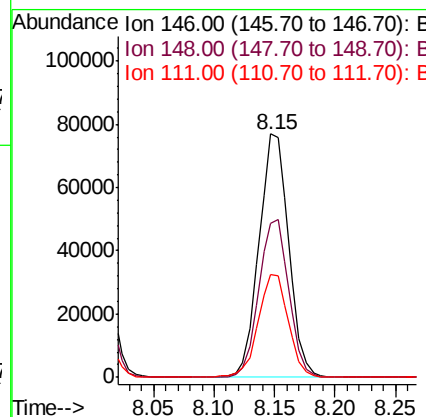
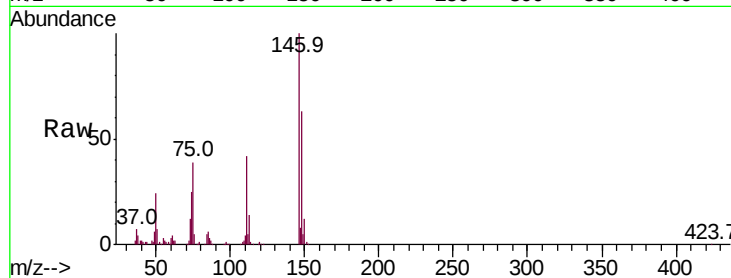
Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:146 Resp: 132046

Ion	Ratio	Lower	Upper
146	100		
148	63.3	54.2	81.4
111	42.4	32.9	49.3



#14

1,2-Dichlorobenzene

Concen: 32.928 ng

RT: 8.47 min Scan# 916

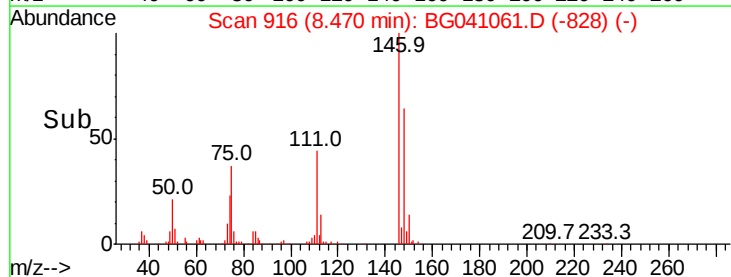
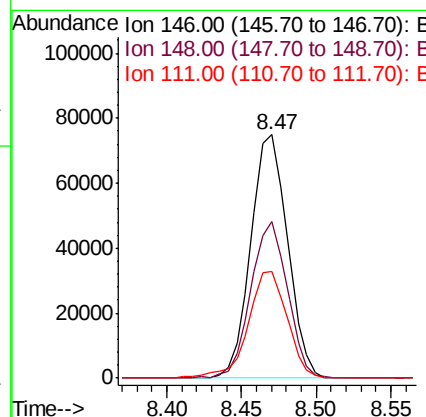
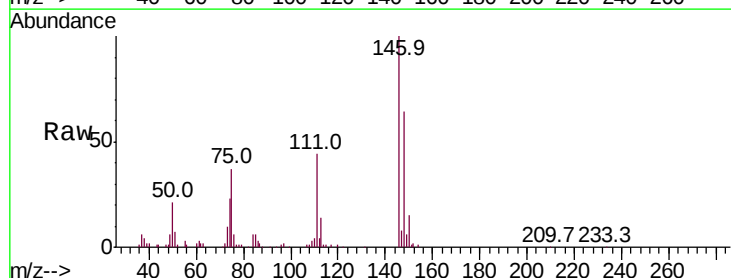
Delta R.T. -0.01 min

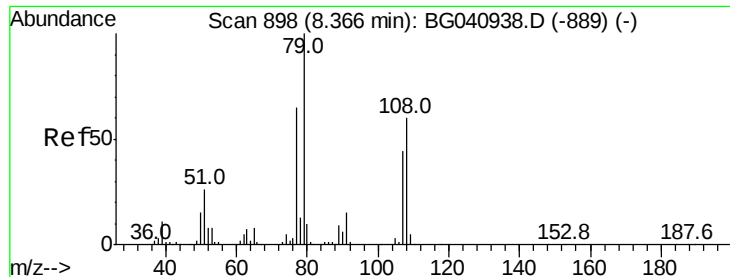
Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:146 Resp: 127412

Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.6
111	43.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 34.896 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

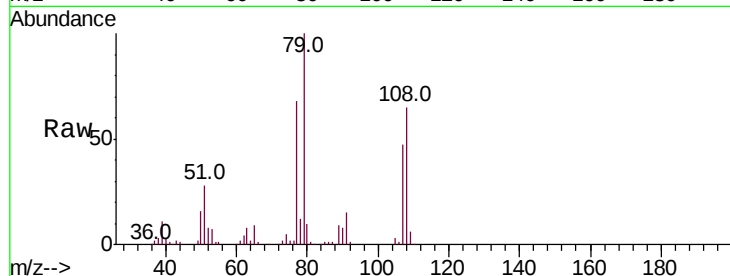
Tot Ion: 79 Resp: 137844

Ion Ratio Lower Upper

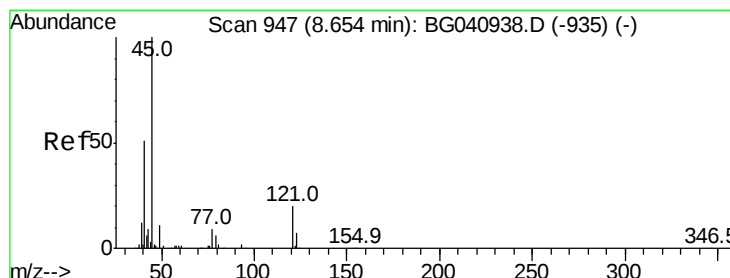
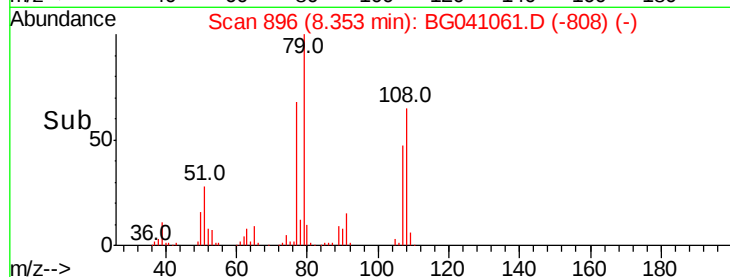
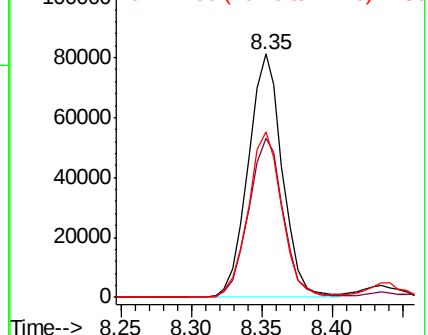
79 100

108 65.5 48.3 72.5

77 68.1 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.594 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

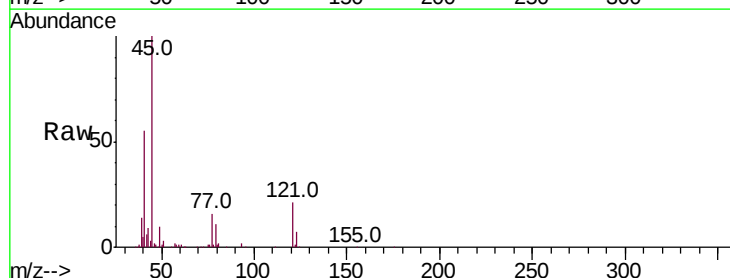
Tgt Ion: 45 Resp: 176905

Ion Ratio Lower Upper

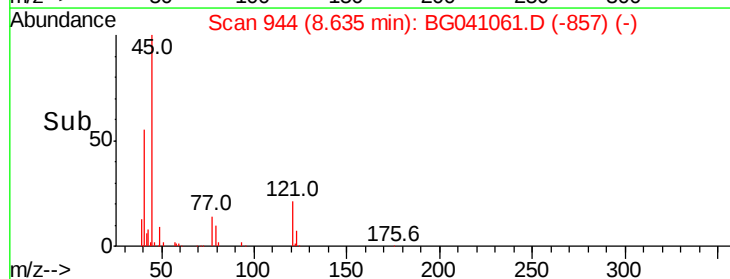
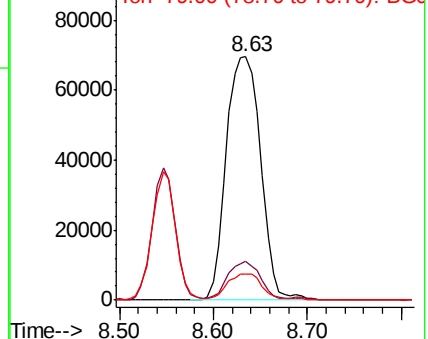
45 100

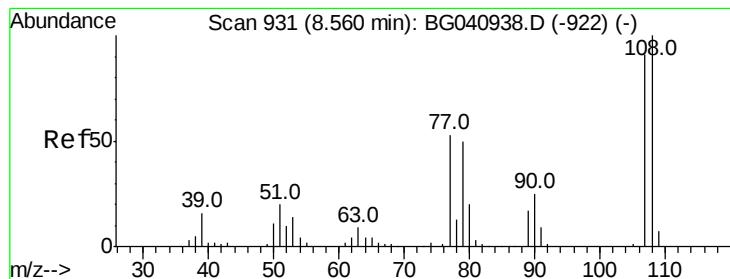
77 15.8 0.0 33.7

79 10.7 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 34.485 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:107 Resp: 114319

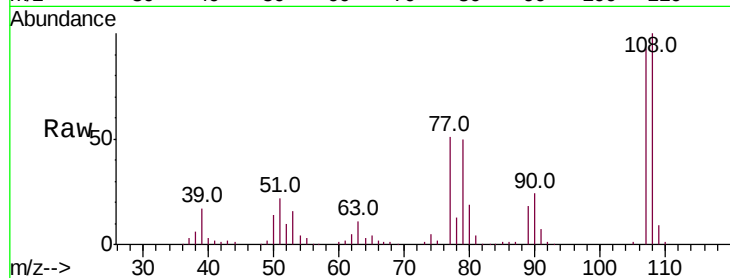
Ion Ratio Lower Upper

107 100

108 107.3 87.7 131.5

77 55.1 46.6 70.0

79 54.0 44.6 66.8

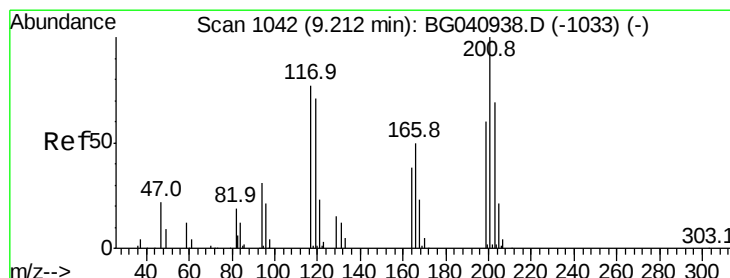
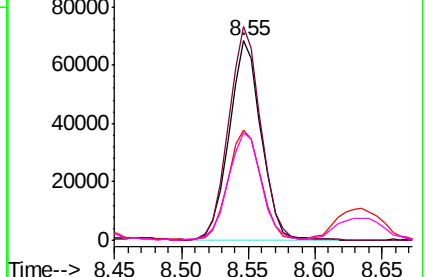
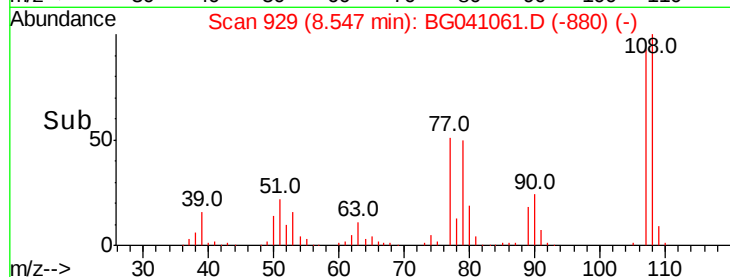


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.752 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

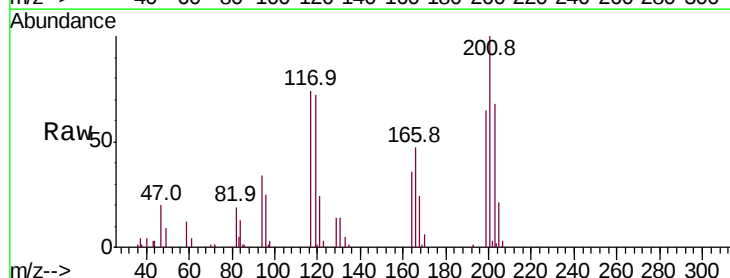
Tgt Ion:117 Resp: 50305

Ion Ratio Lower Upper

117 100

119 96.8 75.0 112.6

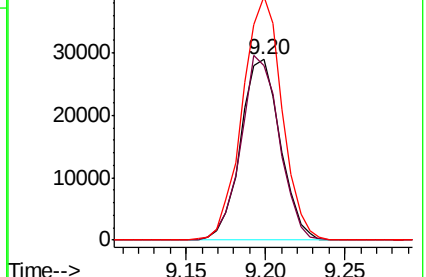
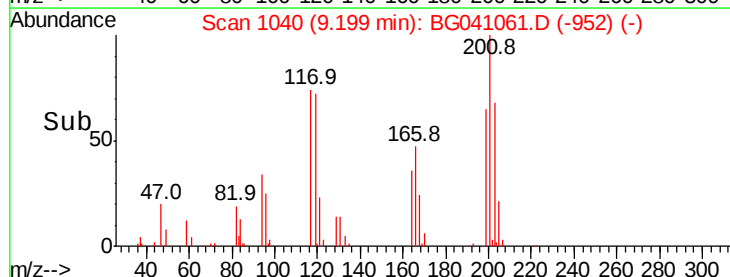
201 134.7 103.5 155.3

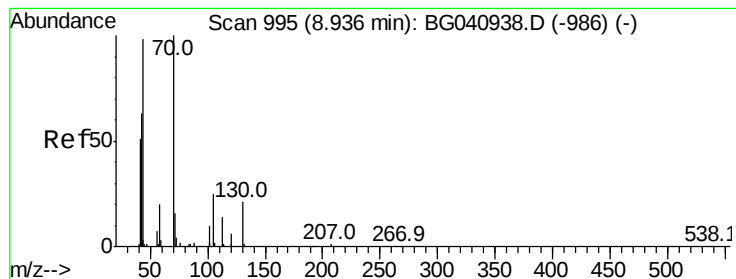


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.007 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion: 70 Resp: 108466

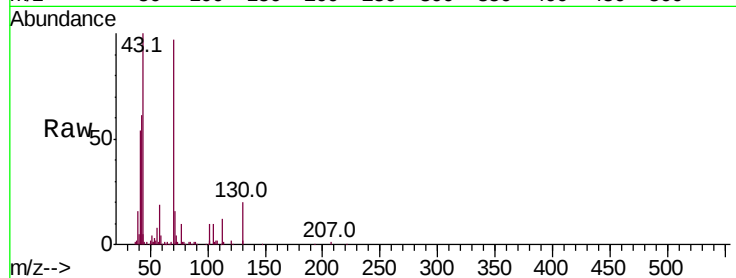
Ion Ratio Lower Upper

70 100

42 63.0 51.5 77.3

101 9.9 8.1 12.1

130 20.3 16.6 24.8

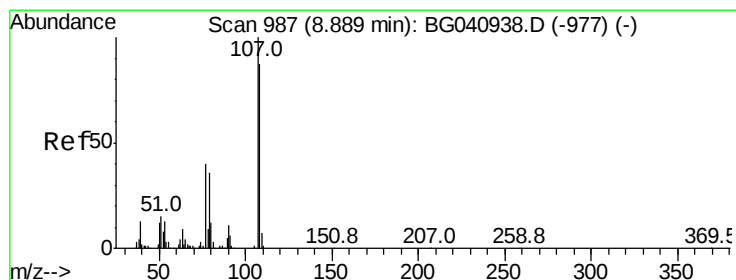
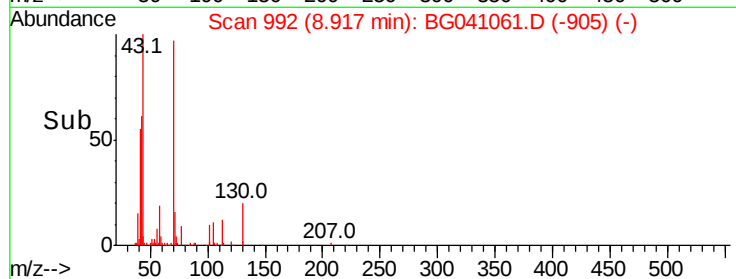
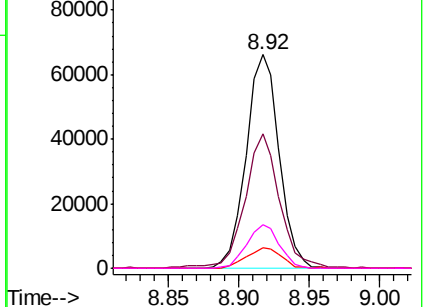


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 34.318 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion: 107 Resp: 157588

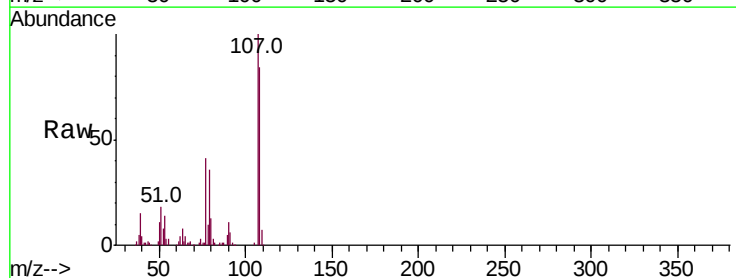
Ion Ratio Lower Upper

107 100

108 83.9 66.8 106.8

77 41.0 20.5 60.5

79 36.3 15.8 55.8

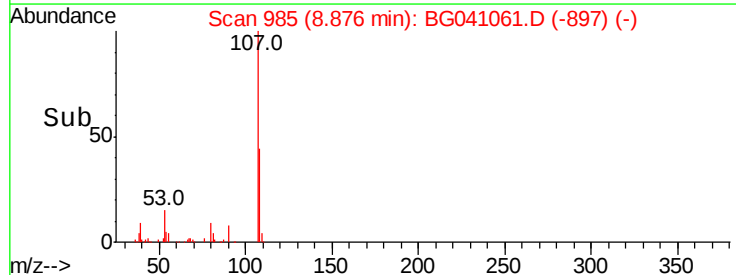
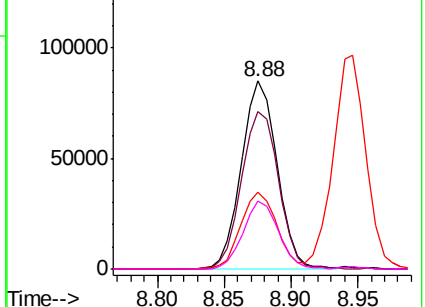


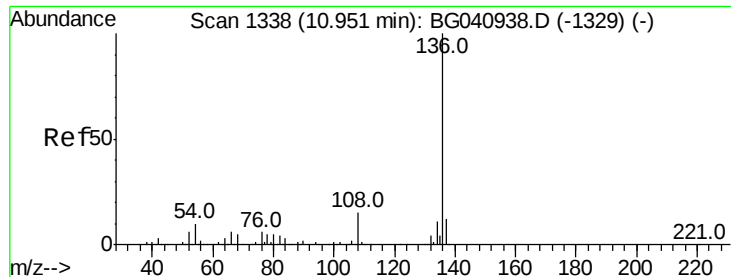
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

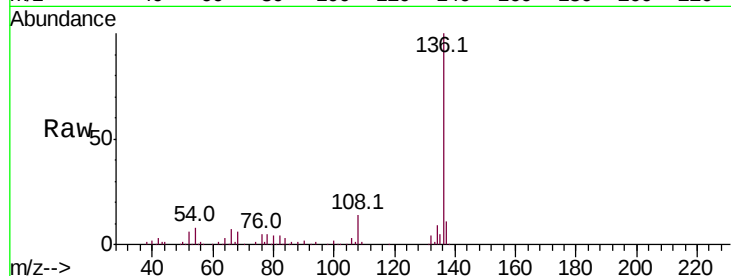




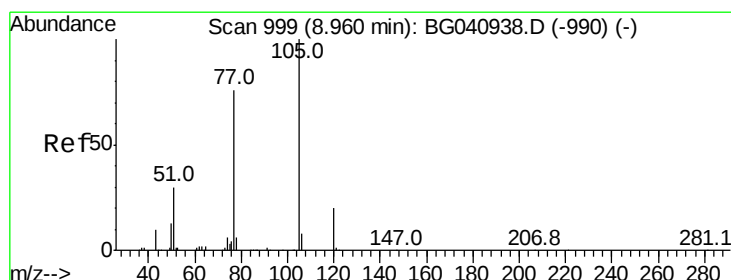
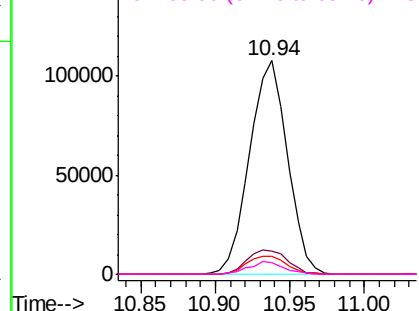
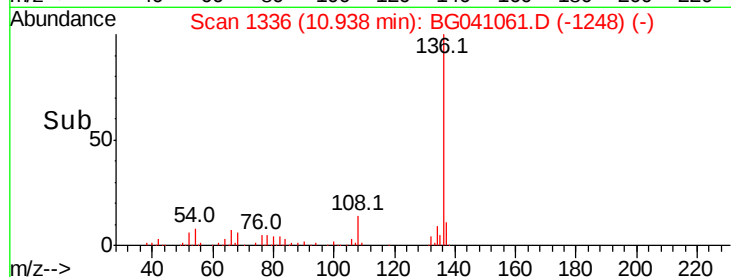
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:136	Resp: 189153
Ion Ratio	Lower Upper
136 100	
137 11.1	9.5 14.3
54 8.4	7.6 11.4
68 5.6	3.9 5.9

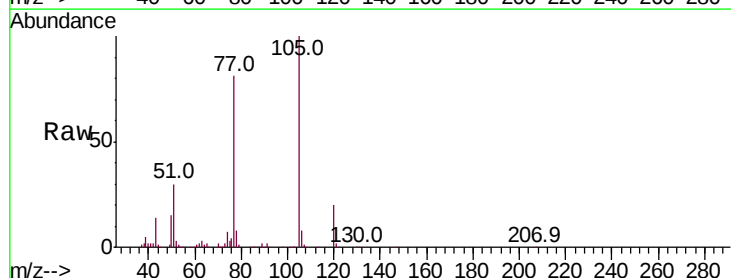


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

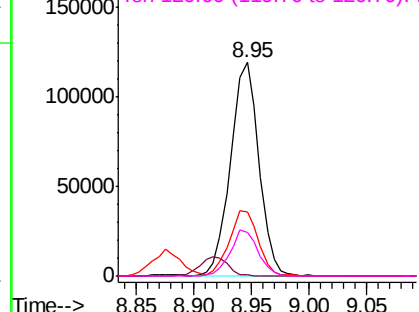
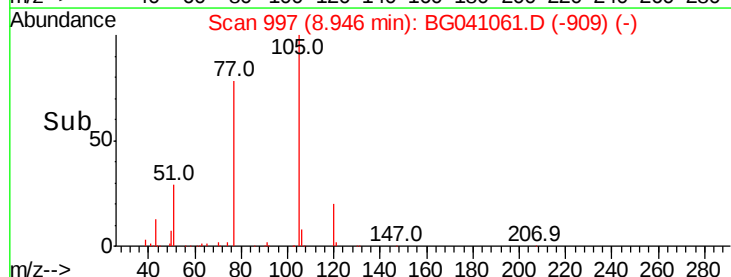


#22
Acetophenone
Concen: 38.197 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion:105	Resp: 202674
Ion Ratio	Lower Upper
105 100	
71 0.3	0.4 0.6#
51 29.9	27.0 40.6
120 20.2	16.2 24.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

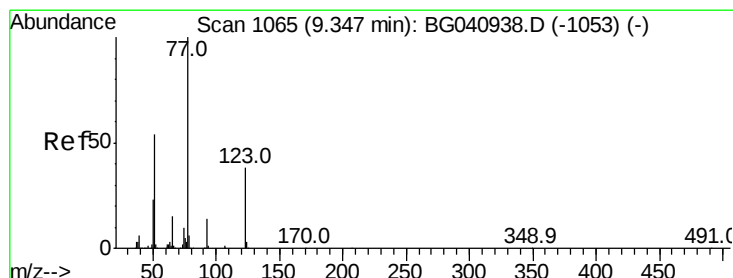
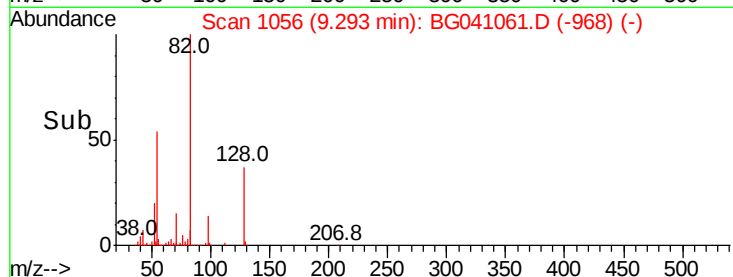
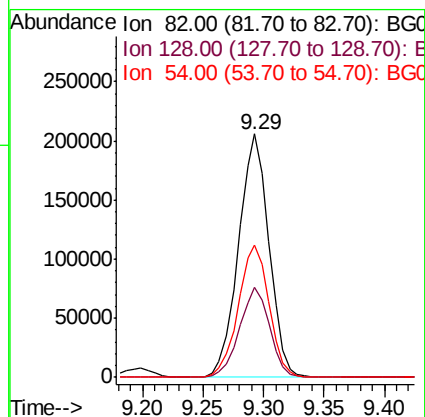
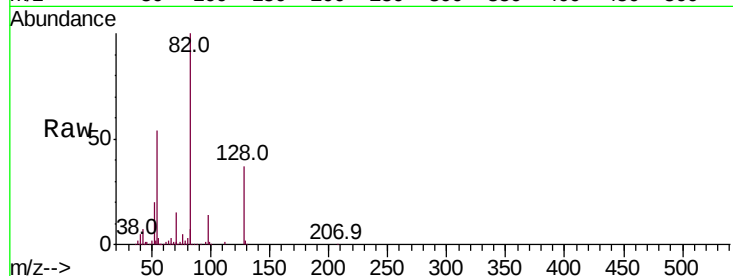




#23
 Nitrobenzene-d5
 Concen: 84.721 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

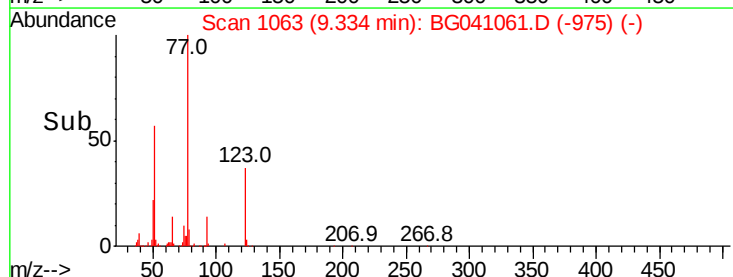
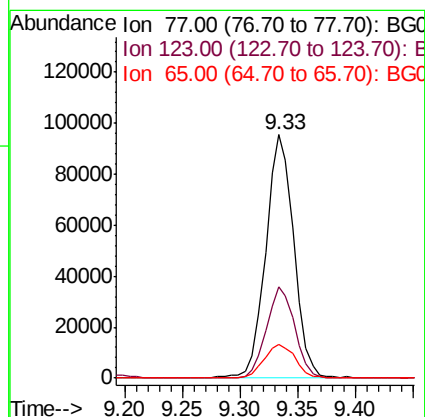
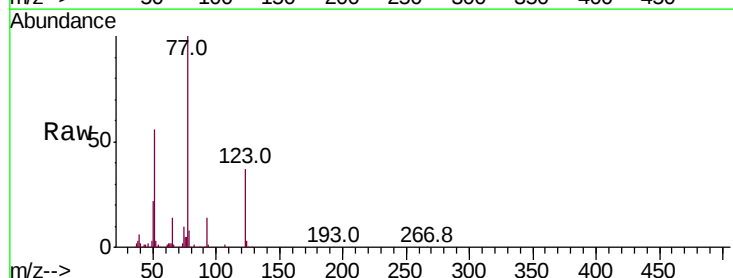
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

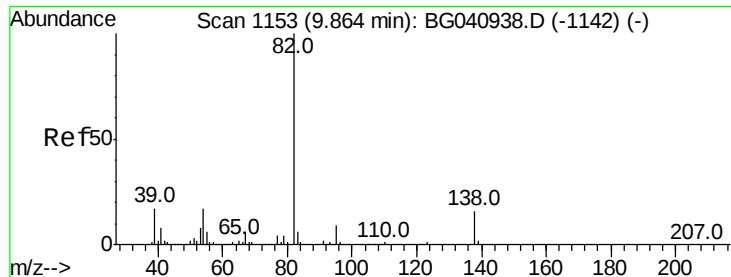
Tot Ion	82	128	54	Ratio	Lower	Upper
82	100					
128	36.9	30.5	45.7			
54	54.4	44.6	66.8			



#24
 Nitrobenzene
 Concen: 37.282 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Tgt Ion	77	123	65	Ratio	Lower	Upper
77	100					
123	37.4	30.6	46.0			
65	14.1	12.3	18.5			





#25

Isophorone

Concen: 37.419 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

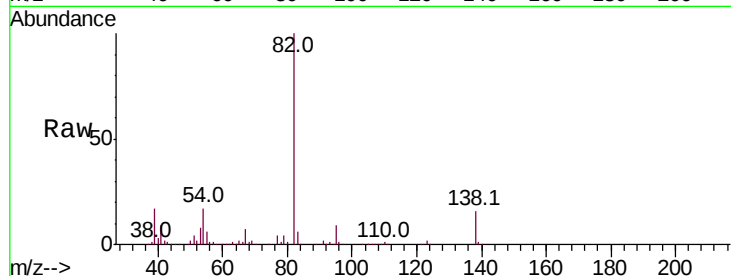
Tot Ion: 82 Resp: 303415

Ion Ratio Lower Upper

82 100

95 8.9 7.0 10.4

138 16.4 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)

9.85

200000

150000

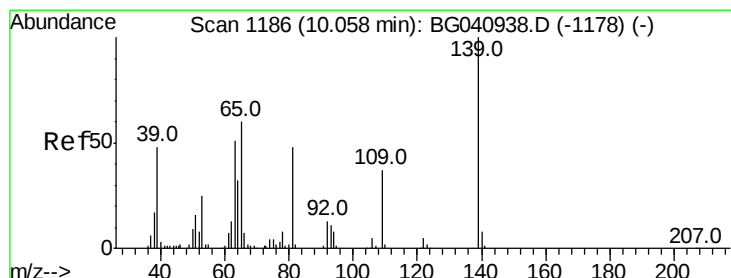
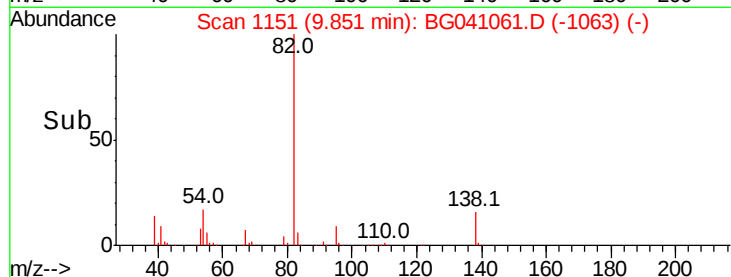
100000

50000

0

9.80 9.90

Time-->



#26

2-Nitrophenol

Concen: 40.477 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

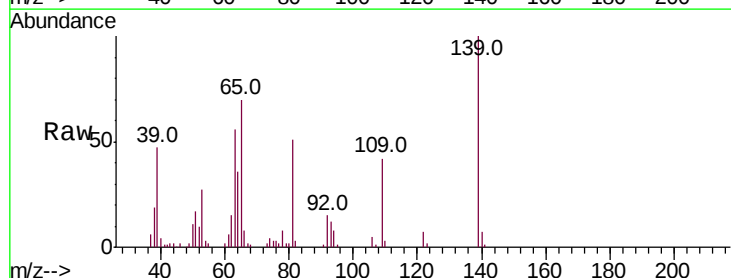
Tgt Ion: 139 Resp: 72456

Ion Ratio Lower Upper

139 100

109 41.6 29.8 44.6

65 70.2 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

10.04

50000

40000

30000

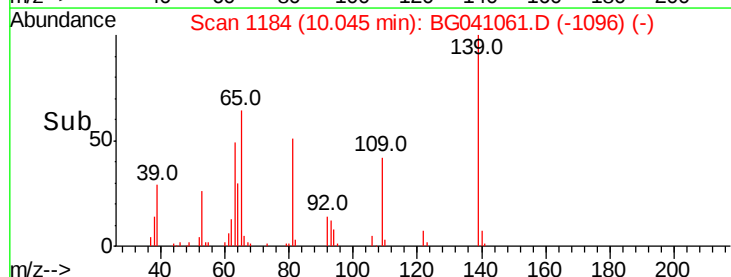
20000

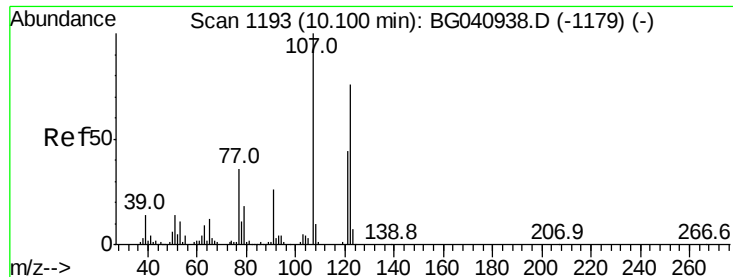
10000

0

10.00 10.10

Time-->

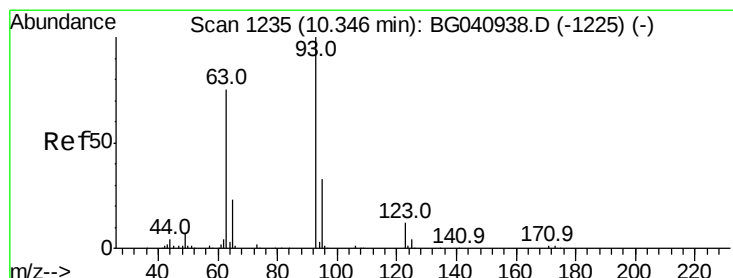
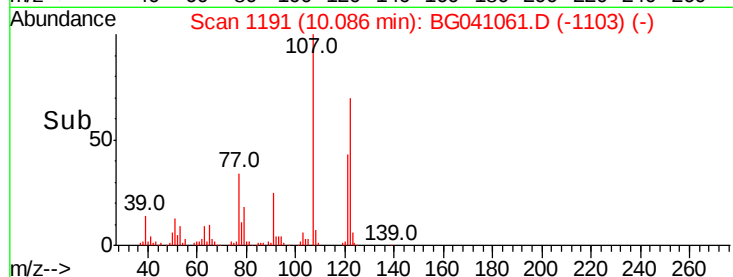
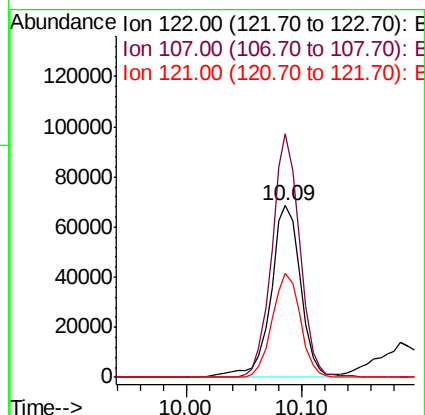
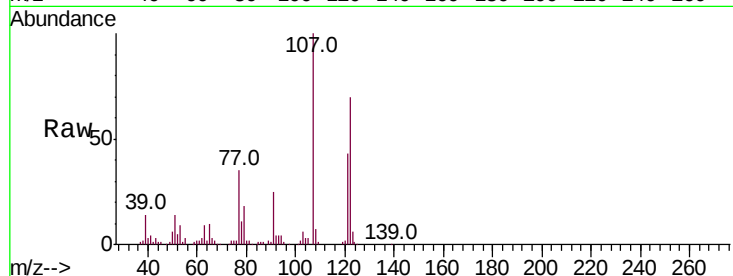




#27
2,4-Dimethylphenol
Concen: 41.891 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

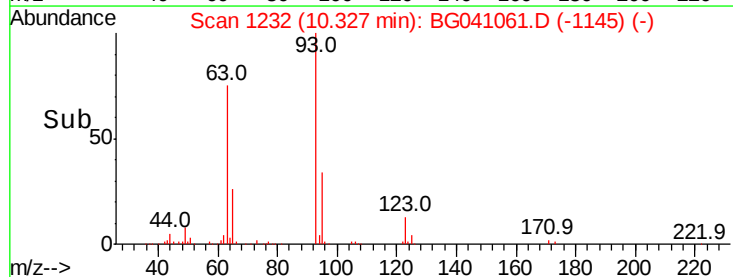
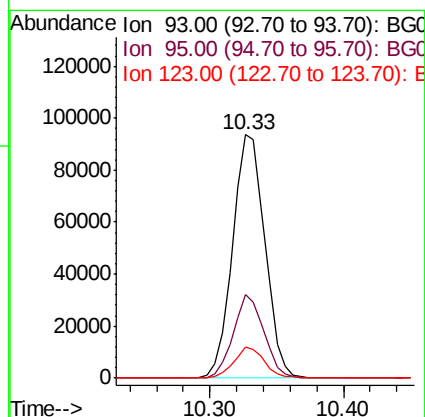
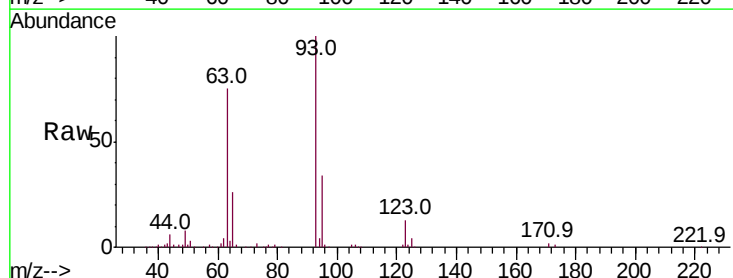
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

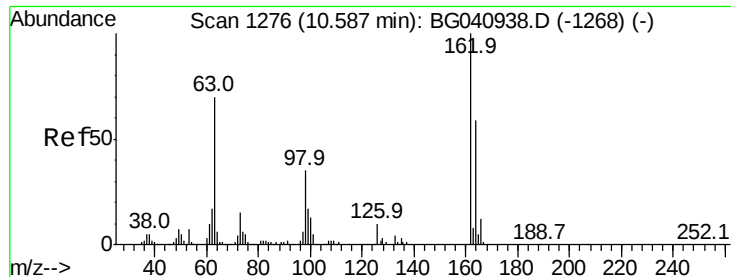
Tot Ion:122 Resp: 123847
Ion Ratio Lower Upper
122 100
107 141.8 105.9 158.9
121 60.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.056 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion: 93 Resp: 157798
Ion Ratio Lower Upper
93 100
95 34.2 26.2 39.2
123 12.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 37.618 ng

RT: 10.57 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

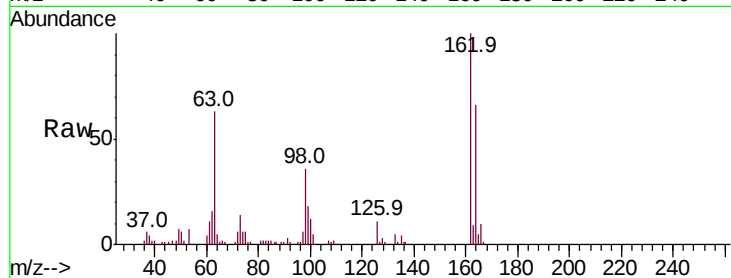
Tot Ion:162 Resp: 141228

Ion Ratio Lower Upper

162 100

164 66.0 39.4 79.4

98 35.5 15.3 55.3

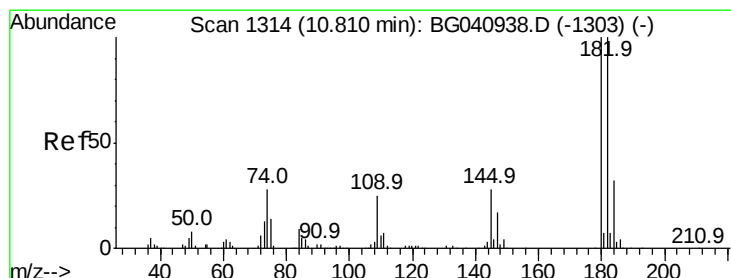
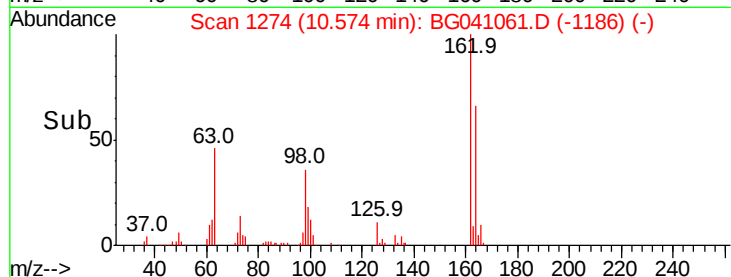
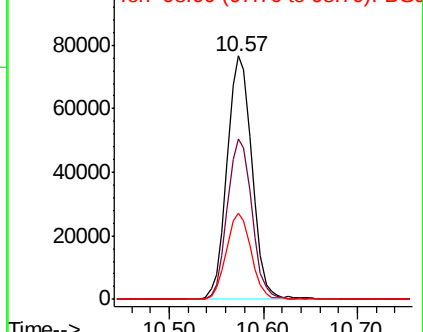


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 35.191 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

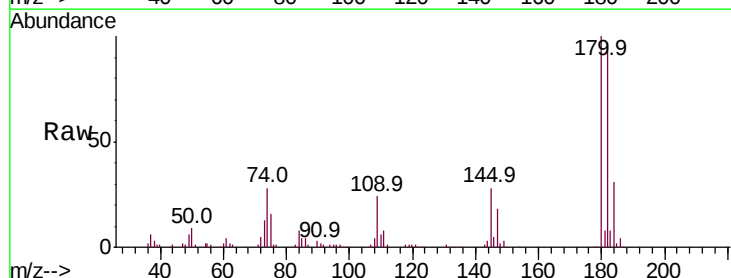
Tgt Ion:180 Resp: 150293

Ion Ratio Lower Upper

180 100

182 97.3 79.7 119.5

145 27.5 22.6 34.0

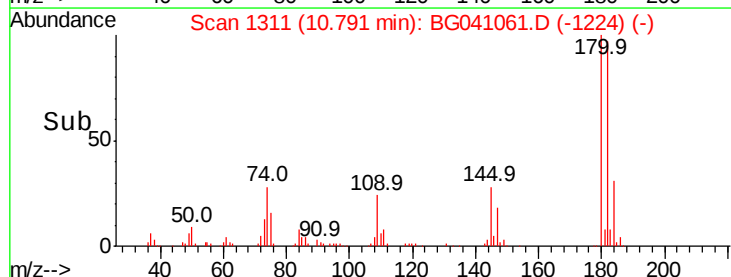
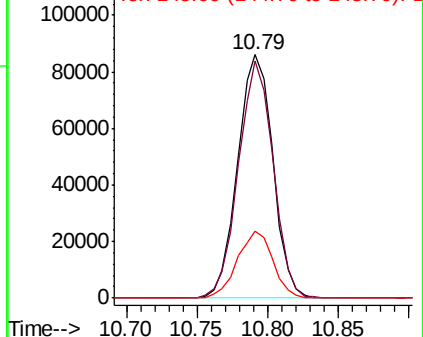


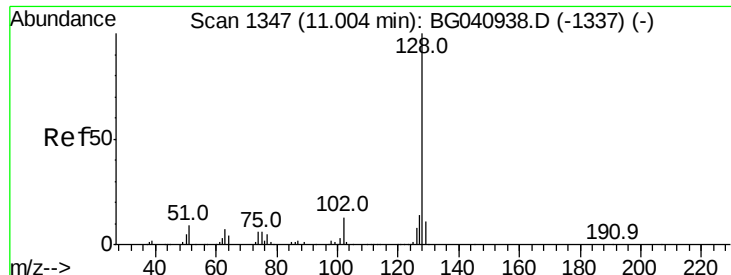
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

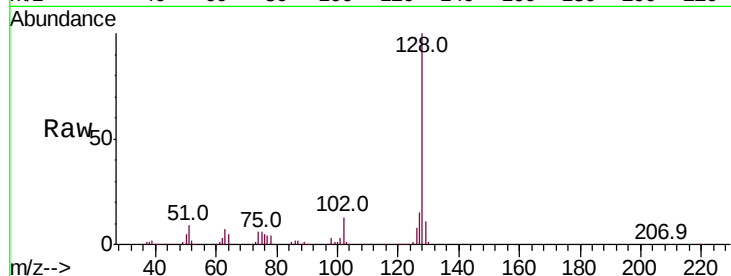




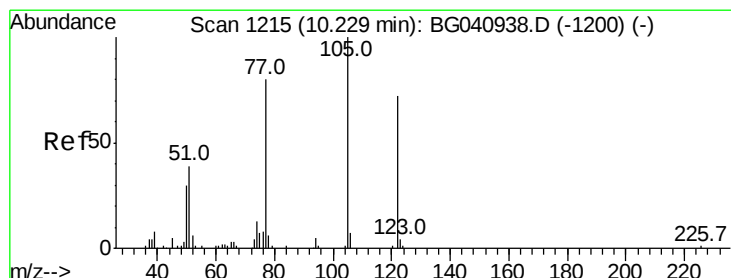
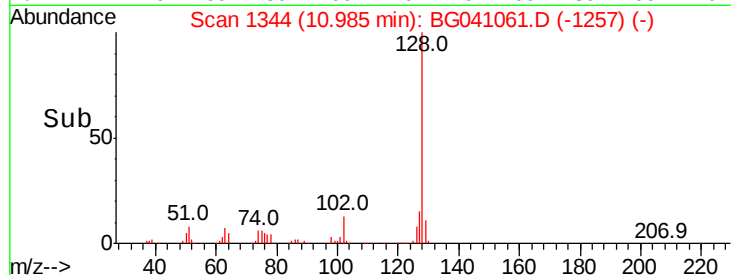
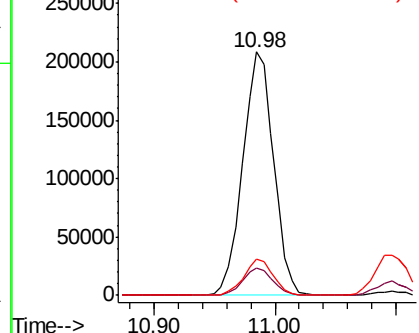
#31
Naphthalene
Concen: 36.544 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:128 Resp: 371137
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.8 11.4 17.2

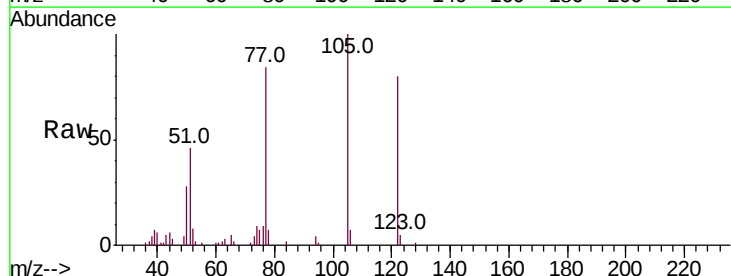


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

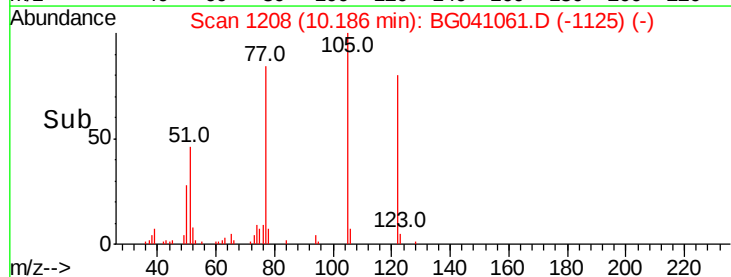
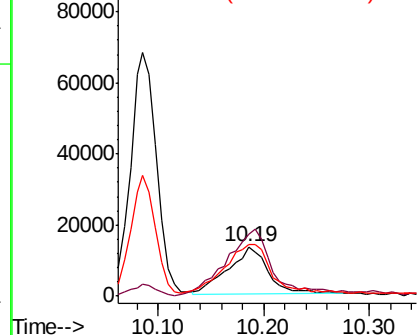


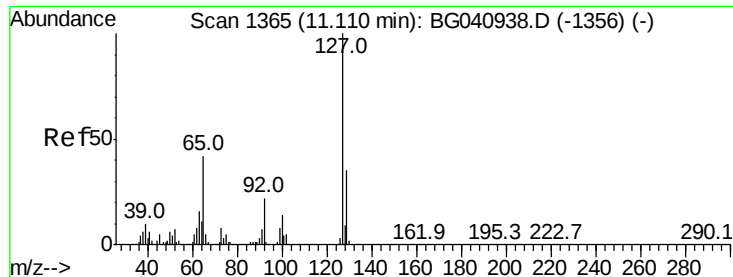
#32
Benzoic acid
Concen: 20.893 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.04 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion:122 Resp: 35322
Ion Ratio Lower Upper
122 100
105 125.5 114.8 154.8
77 105.7 89.9 129.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

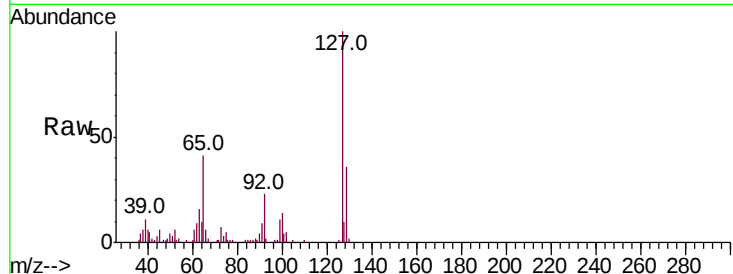




#33
4-Chloroaniline
Concen: 14.846 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:127	Resp:	69956	
Ion Ratio	Lower	Upper	
127 100			
129 35.9	27.7	41.5	
65 41.0	33.2	49.8	
92 22.9	17.2	25.8	



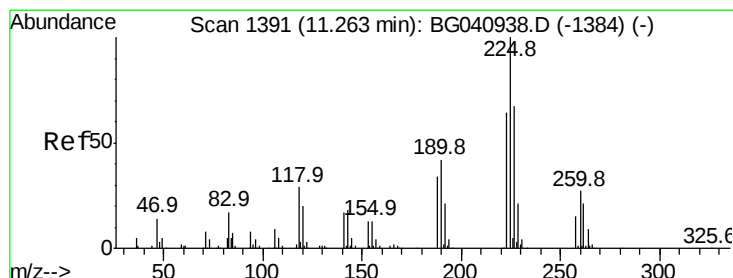
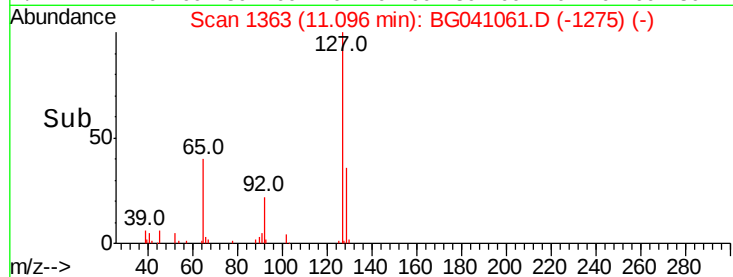
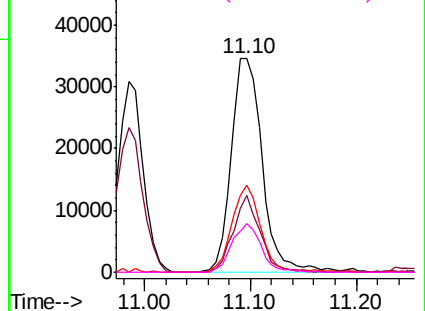
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

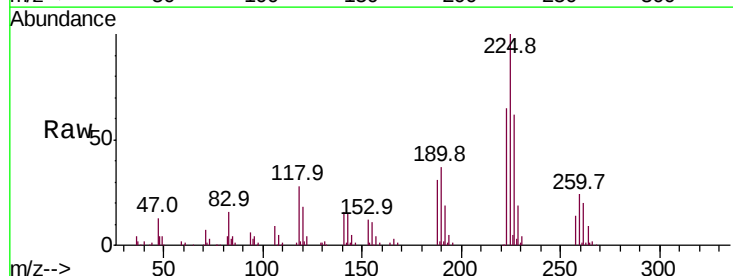
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 33.932 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion	225	Resp: Lower	110882 Upper
	Ratio		
225	100		
223	64.6	48.8	73.2
227	61.8	51.4	77.0

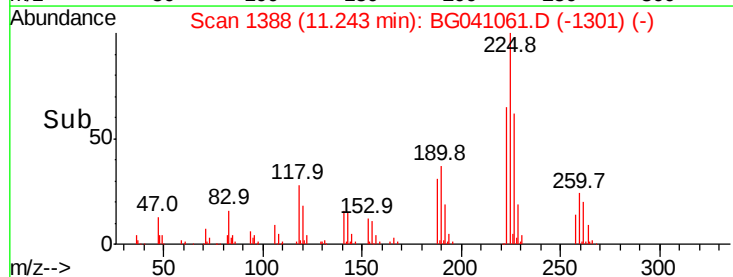
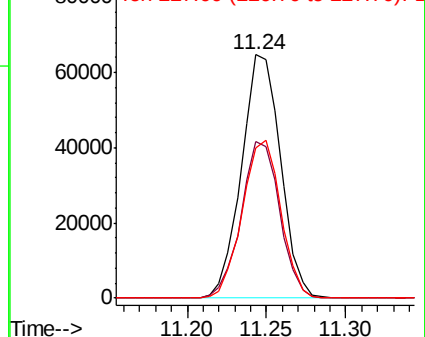


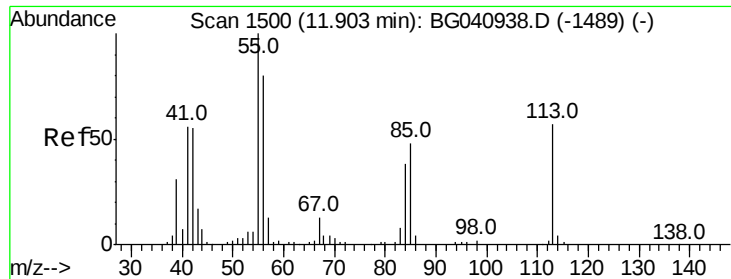
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.084 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

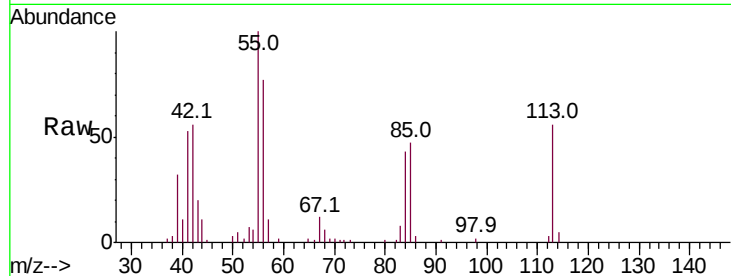
Tot Ion:113 Resp: 44735

Ion Ratio Lower Upper

113 100

55 177.4 155.9 195.9

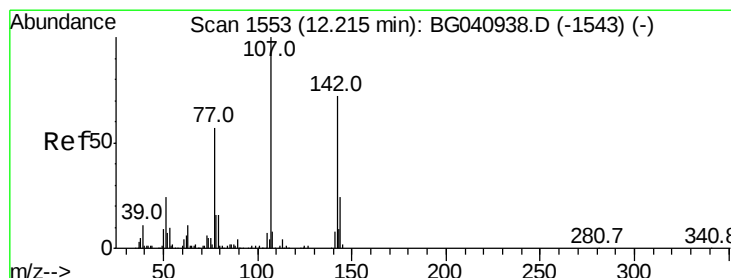
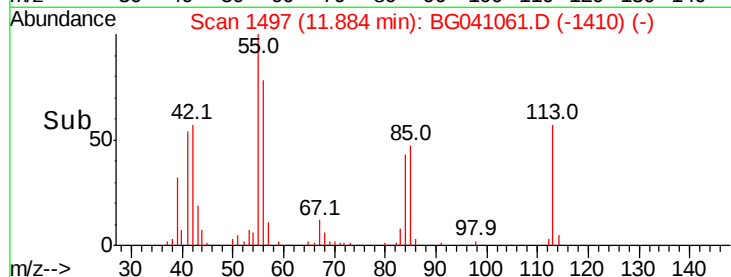
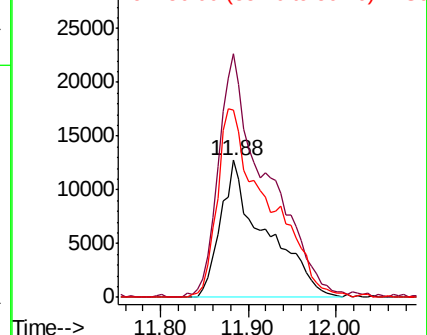
56 136.8 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.732 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

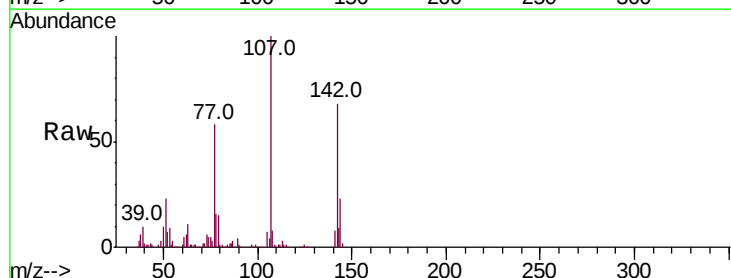
Tgt Ion:107 Resp: 157493

Ion Ratio Lower Upper

107 100

144 23.3 19.4 29.0

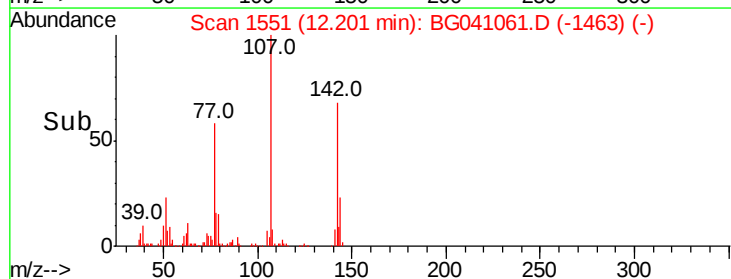
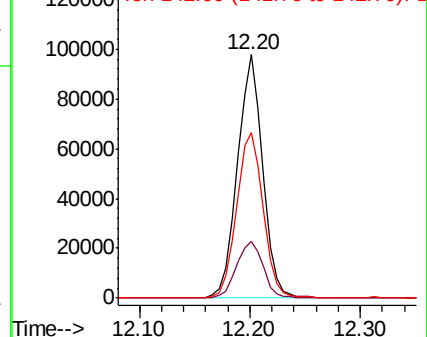
142 67.8 57.3 85.9

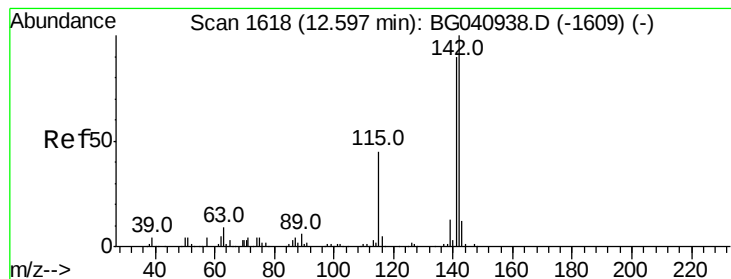


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.811 ng

RT: 12.58 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

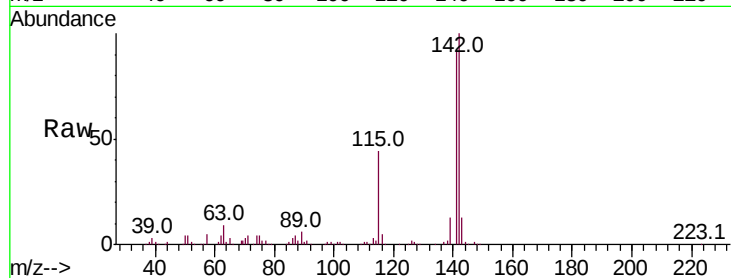
Tot Ion:142 Resp: 280109

Ion Ratio Lower Upper

142 100

141 91.6 72.2 108.4

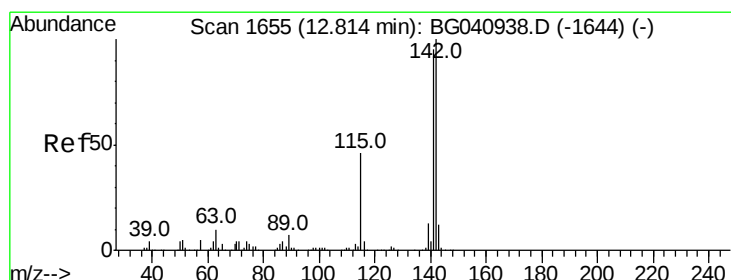
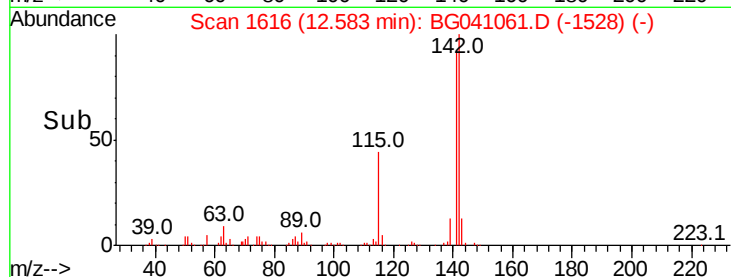
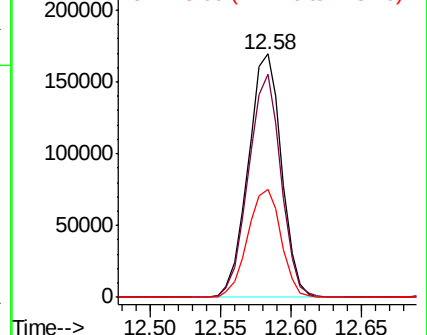
115 44.3 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.328 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

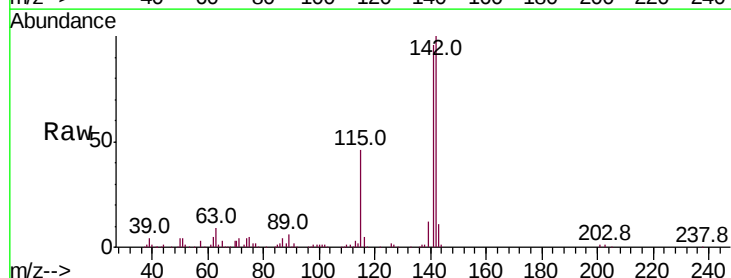
Tgt Ion:142 Resp: 267763

Ion Ratio Lower Upper

142 100

141 95.7 75.7 113.5

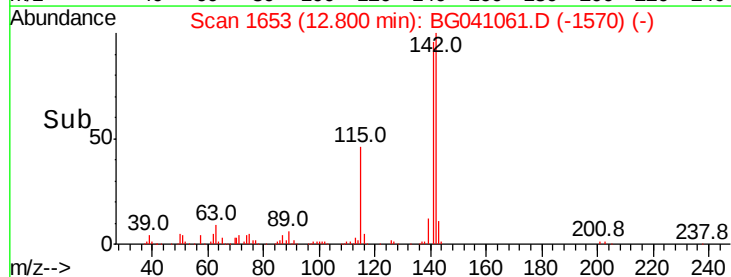
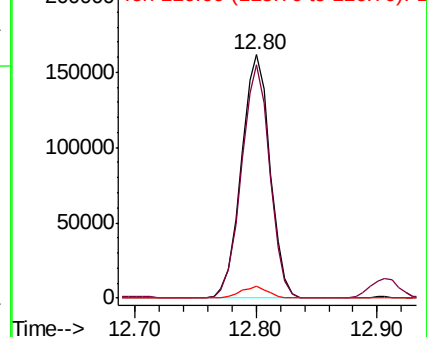
116 4.7 3.4 5.2

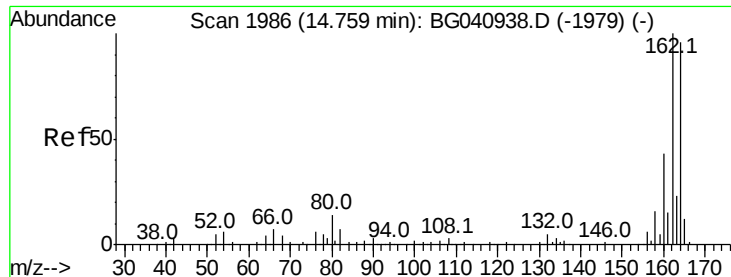


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

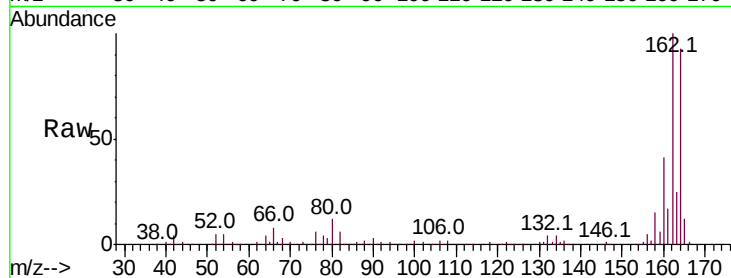
Tot Ion:164 Resp: 137249

Ion Ratio Lower Upper

164 100

162 107.1 83.0 124.4

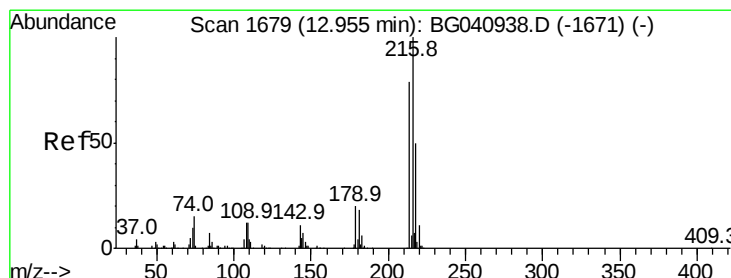
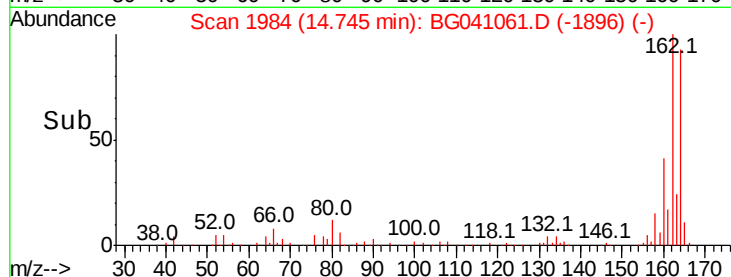
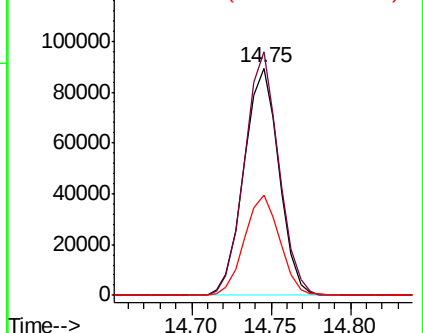
160 44.2 35.6 53.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.207 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:216 Resp: 200291

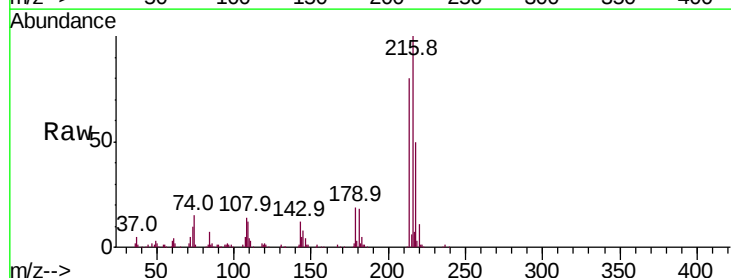
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 19.4 15.2 22.8

108 17.1 11.4 17.2

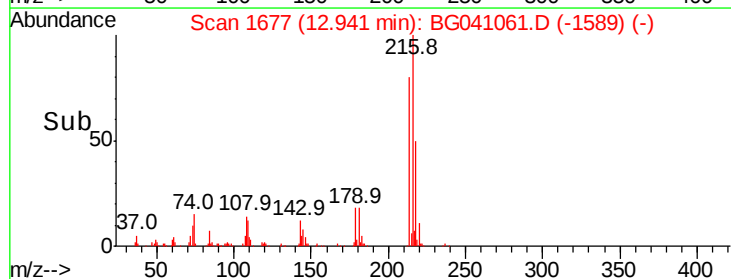
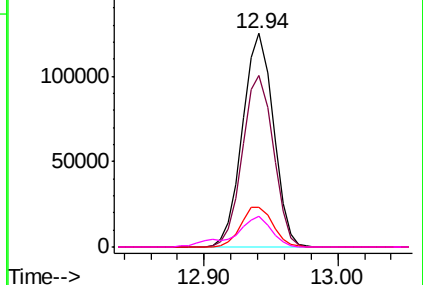


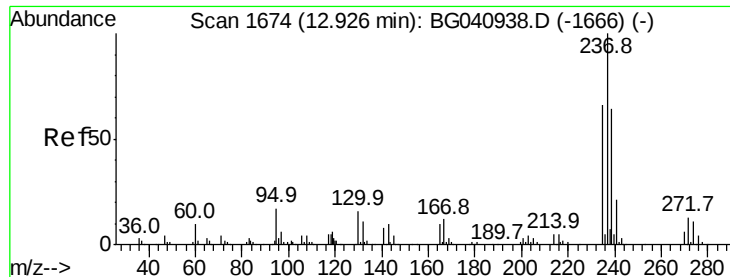
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.393 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

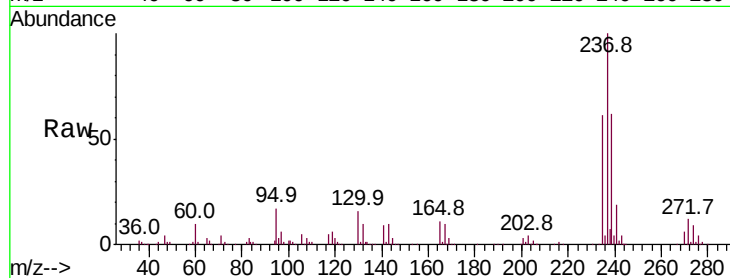
Tot Ion:237 Resp: 232566

Ion Ratio Lower Upper

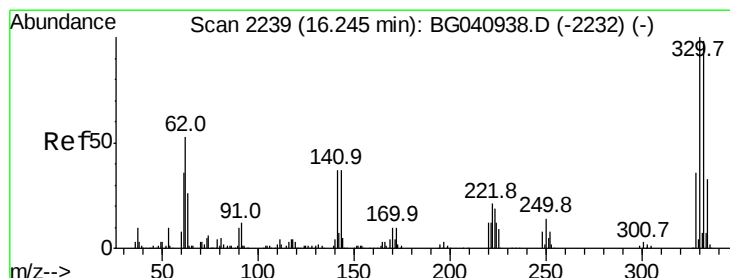
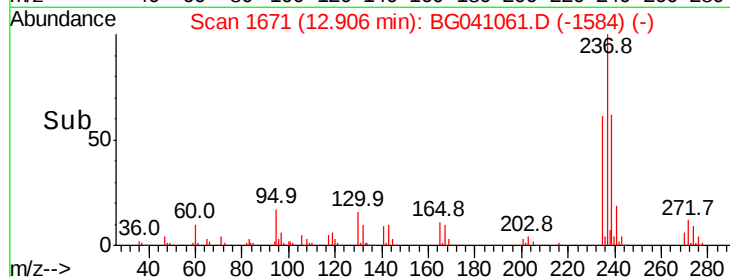
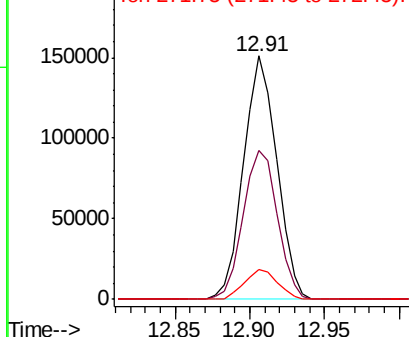
237 100

235 61.1 45.5 85.5

272 12.2 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: 133.764 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

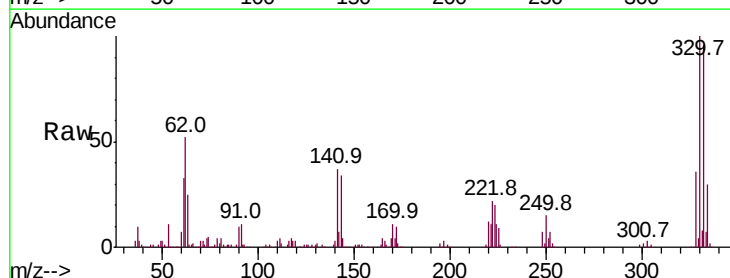
Tgt Ion:330 Resp: 272551

Ion Ratio Lower Upper

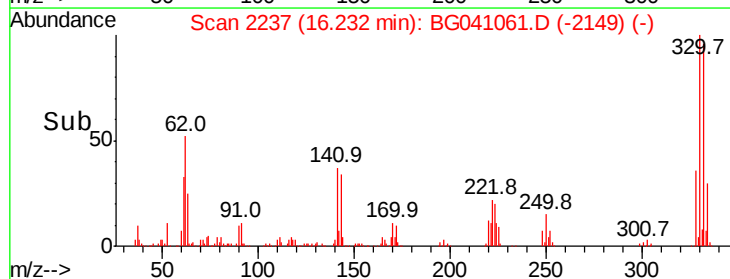
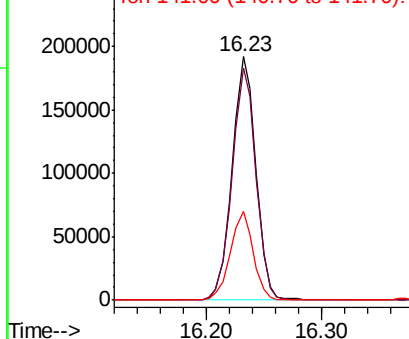
330 100

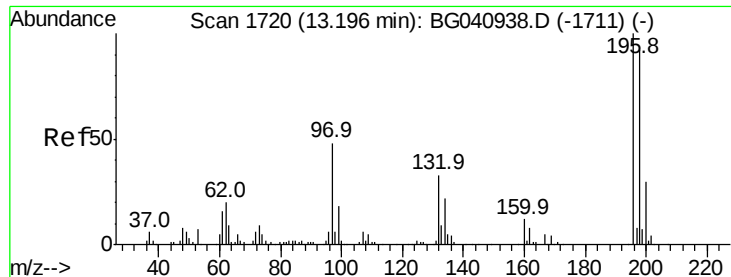
332 95.8 78.5 117.7

141 35.3 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

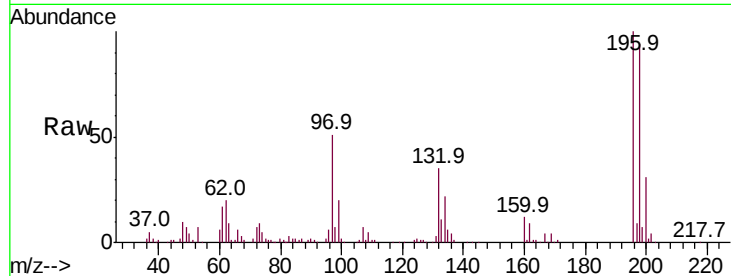




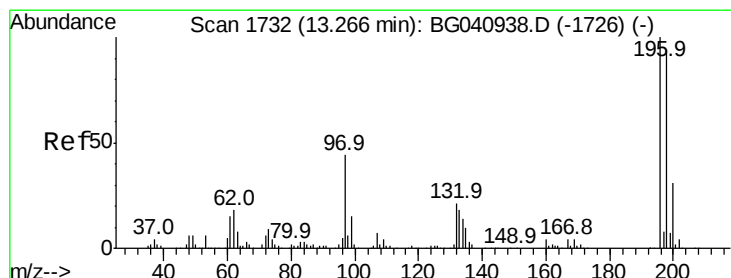
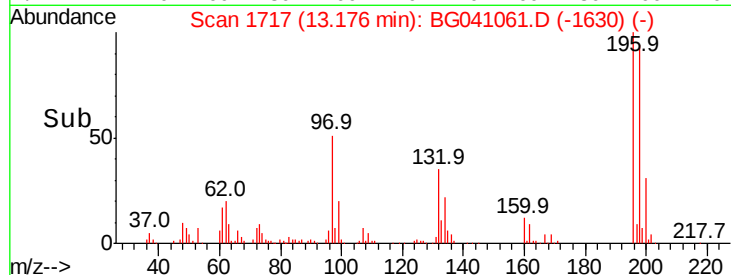
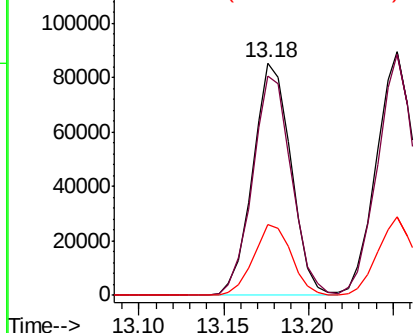
#43
 2,4,6-Trichlorophenol
 Concen: 37.578 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:196 Resp: 134477
 Ion Ratio Lower Upper
 196 100
 198 94.3 73.8 110.6
 200 30.7 24.1 36.1

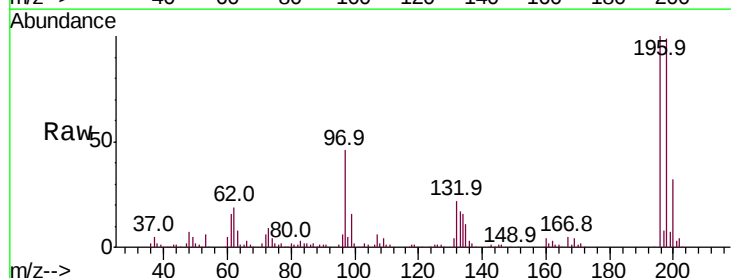


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

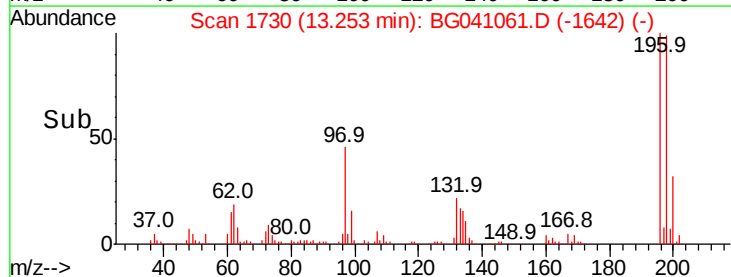
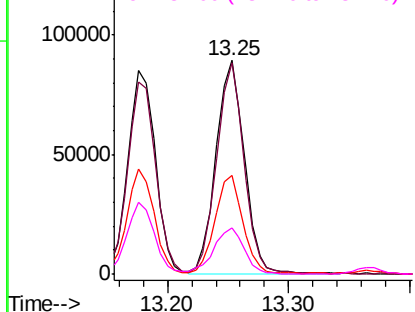


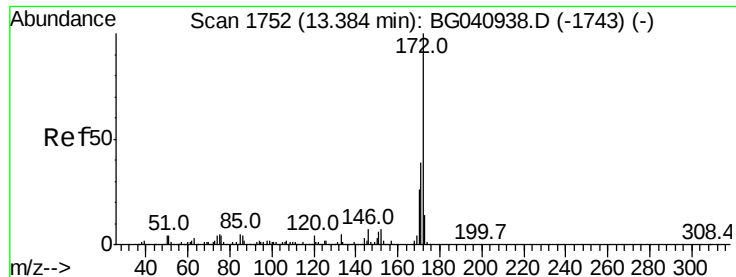
#44
 2,4,5-Trichlorophenol
 Concen: 38.396 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Tgt Ion:196 Resp: 144913
 Ion Ratio Lower Upper
 196 100
 198 99.1 75.1 112.7
 97 46.3 35.6 53.4
 132 21.6 16.7 25.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

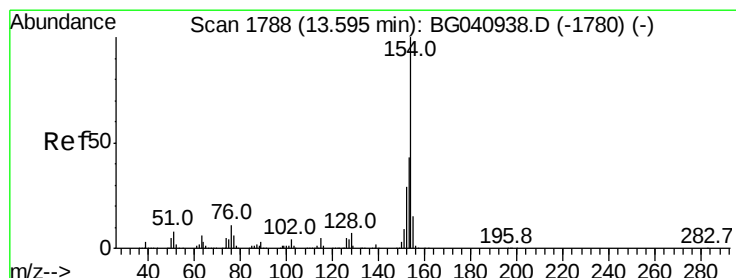
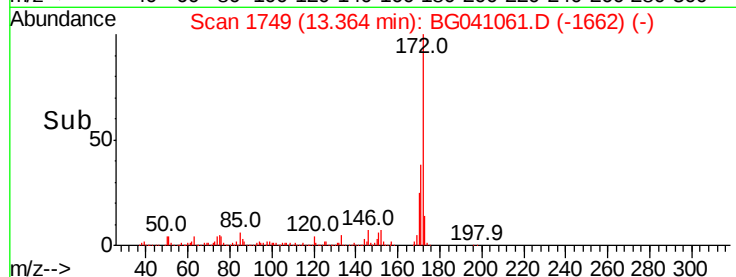
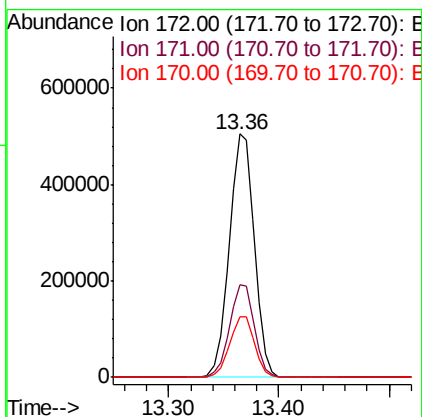
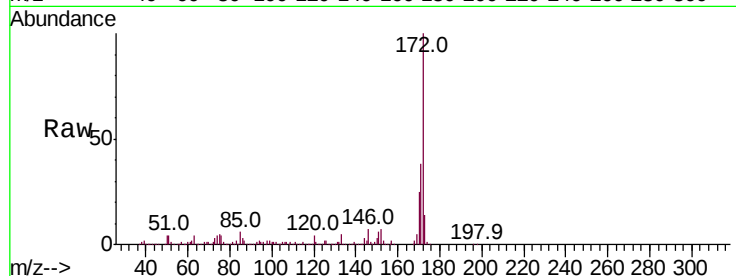




#45
2-Fluorobiphenyl
Concen: 83.985 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

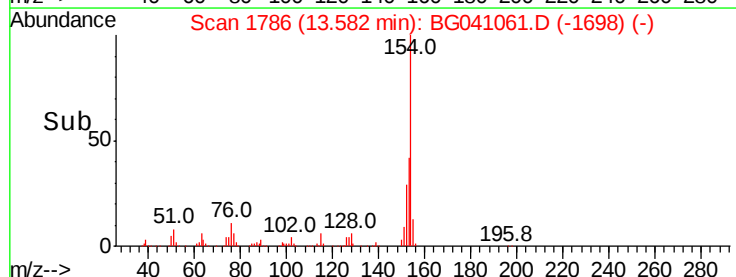
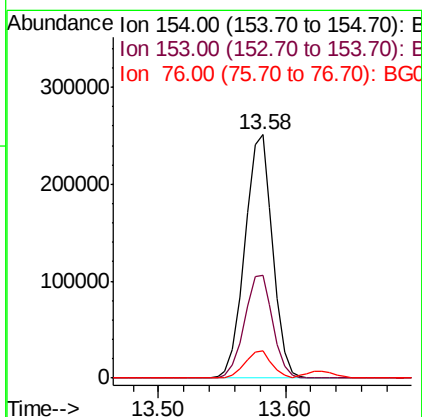
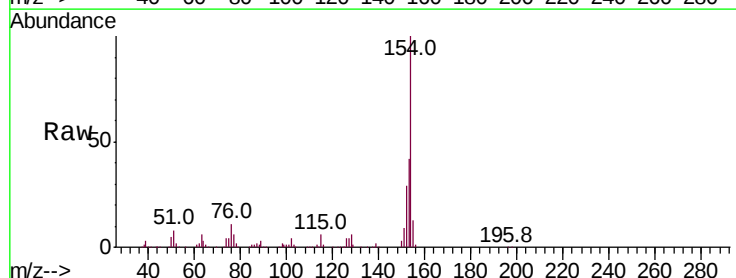
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

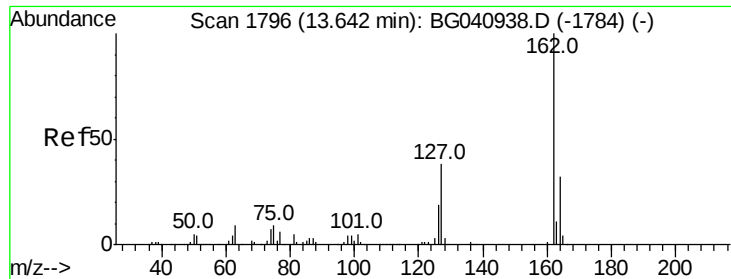
Tot Ion:172 Resp: 800414
Ion Ratio Lower Upper
172 100
171 38.1 31.1 46.7
170 25.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 37.406 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion:154 Resp: 380028
Ion Ratio Lower Upper
154 100
153 42.5 23.3 63.3
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 35.686 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

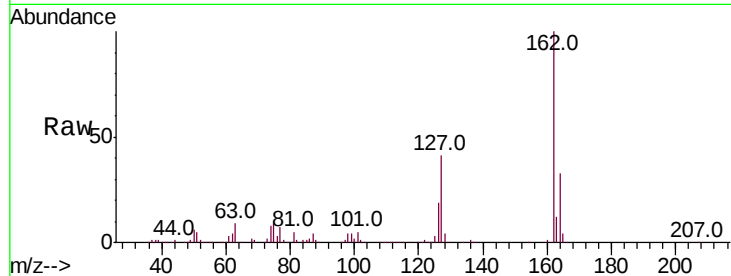
Tot Ion:162 Resp: 311247

Ion Ratio Lower Upper

162 100

127 40.5 30.5 45.7

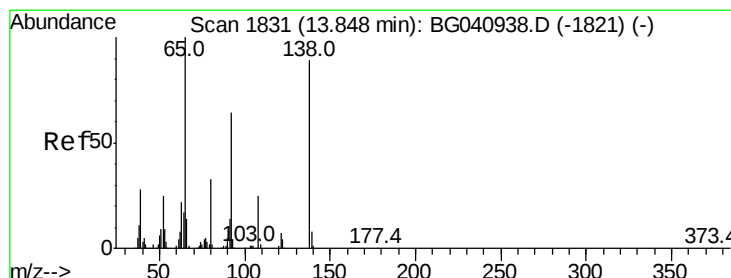
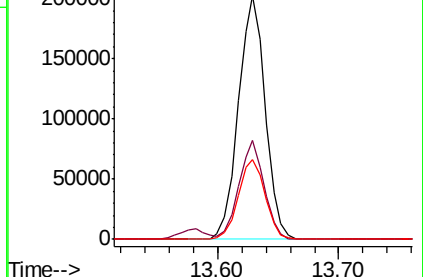
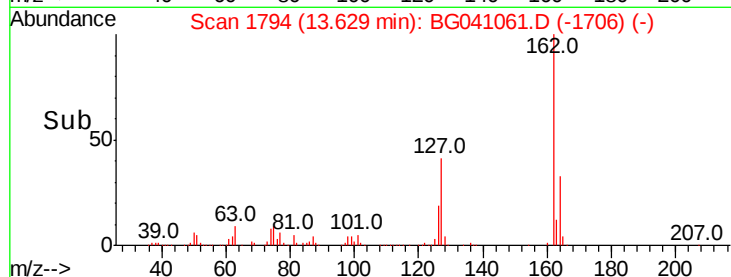
164 32.9 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.203 ng

RT: 13.83 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

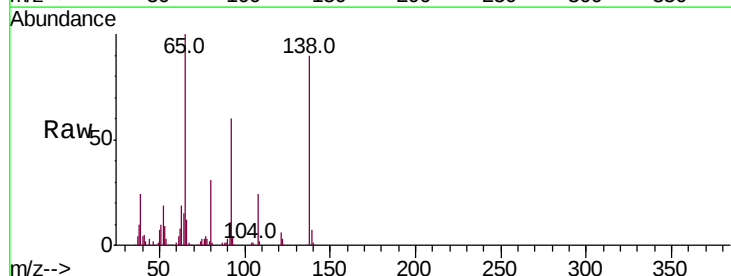
Tgt Ion: 65 Resp: 116404

Ion Ratio Lower Upper

65 100

92 59.7 51.0 76.6

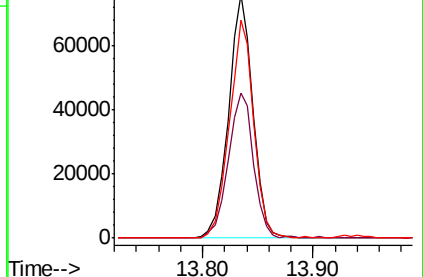
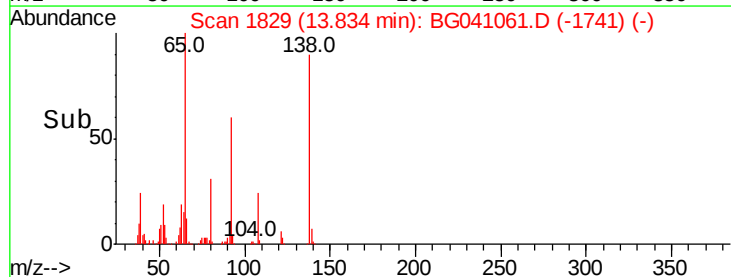
138 89.7 71.2 106.8

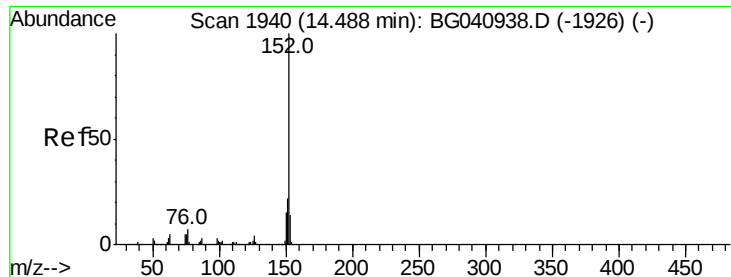


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.901 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

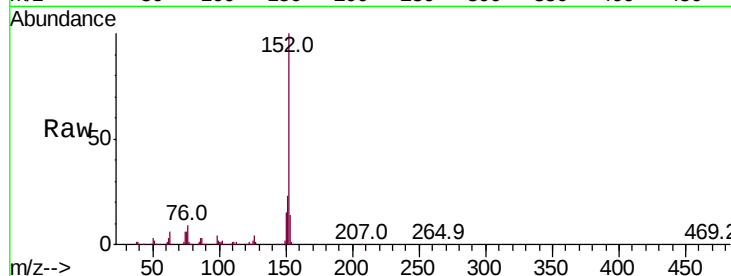
Tot Ion:152 Resp: 484388

Ion Ratio Lower Upper

152 100

151 22.7 17.4 26.0

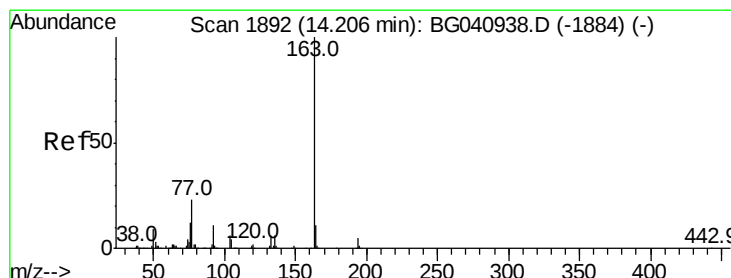
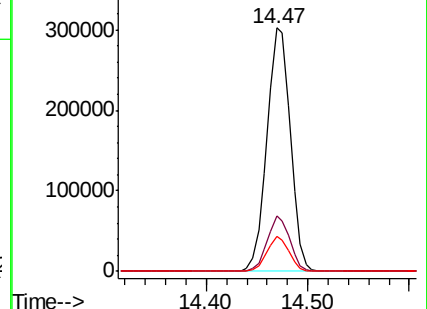
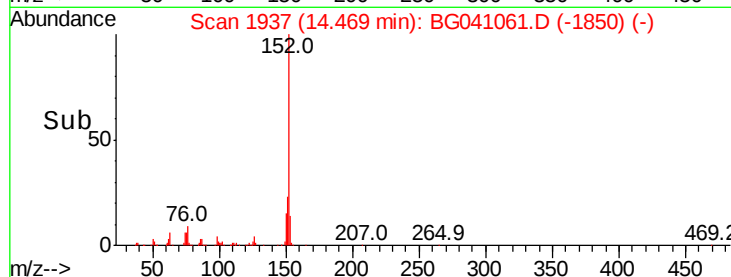
153 14.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.040 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

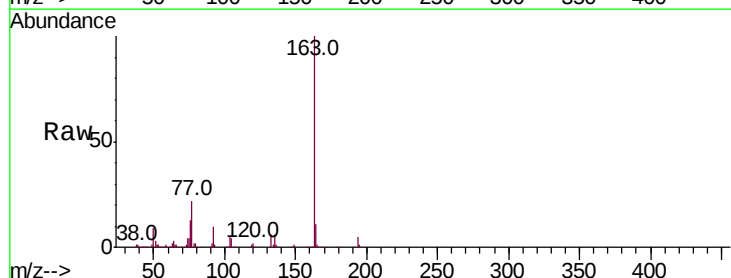
Tgt Ion:163 Resp: 534905

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

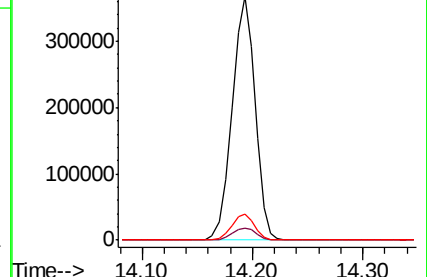
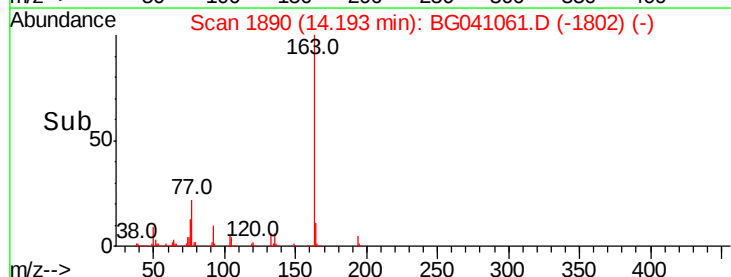
164 10.6 8.7 13.1

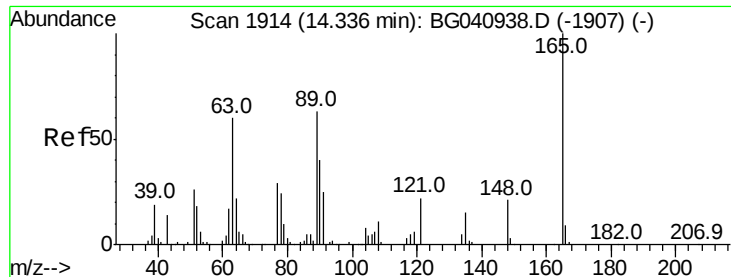


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.431 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

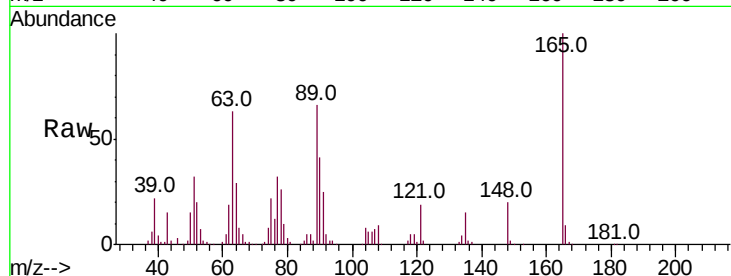
Tot Ion:165 Resp: 93765

Ion Ratio Lower Upper

165 100

63 62.7 53.6 80.4

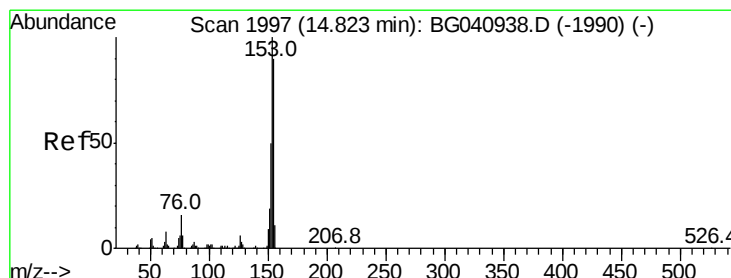
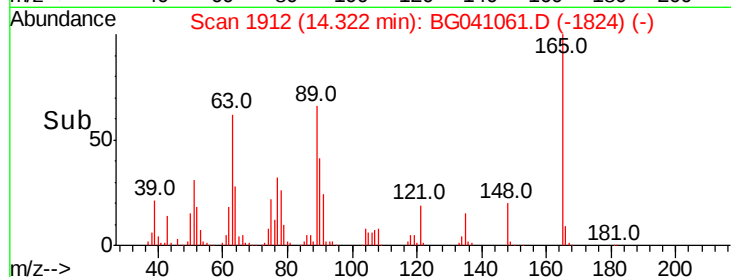
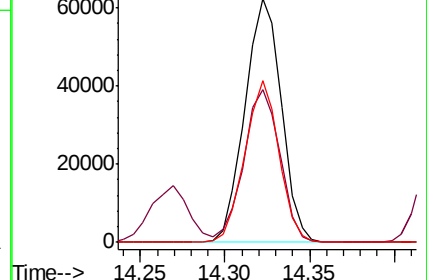
89 66.4 50.4 75.6



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



#52

Acenaphthene

Concen: 35.315 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

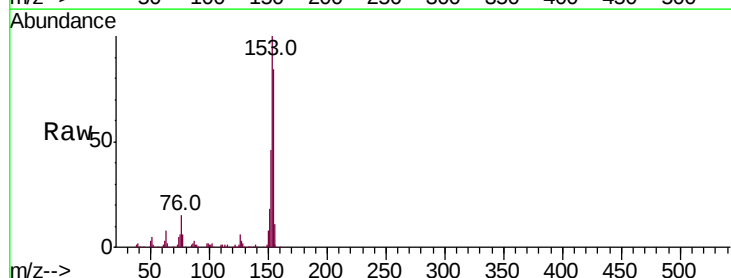
Tgt Ion:154 Resp: 280826

Ion Ratio Lower Upper

154 100

153 119.4 88.6 133.0

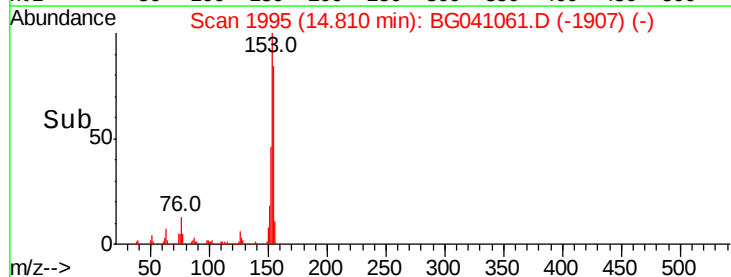
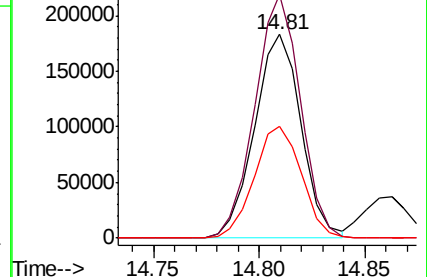
152 55.1 44.2 66.4

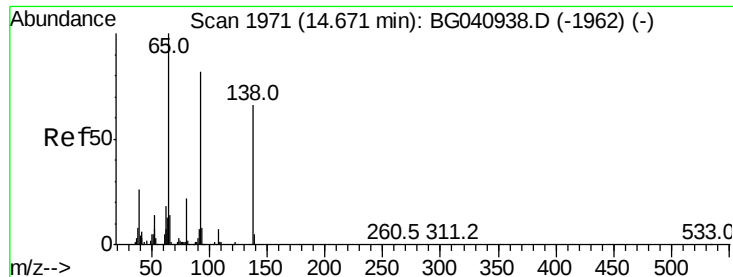


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.335 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

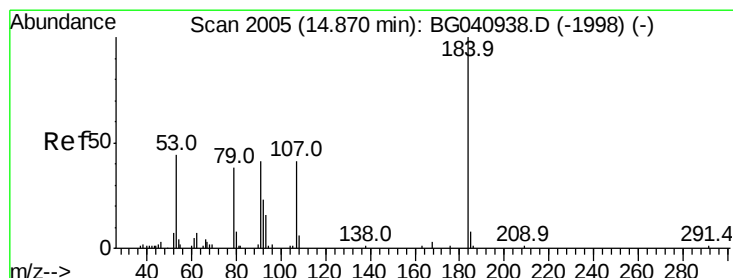
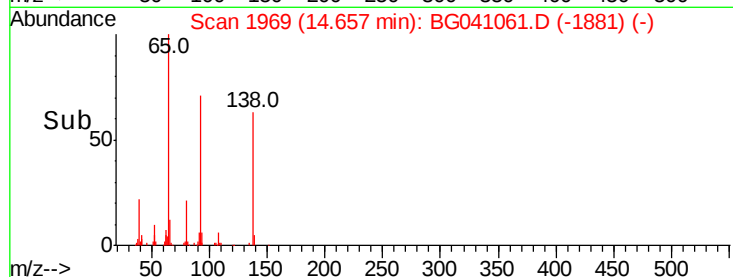
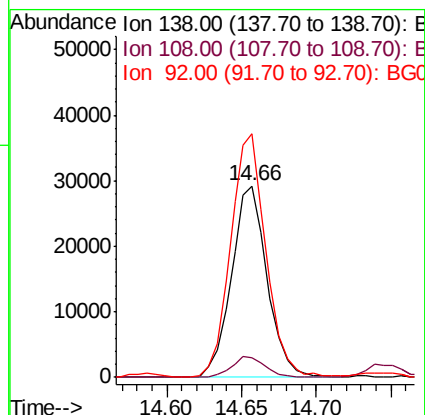
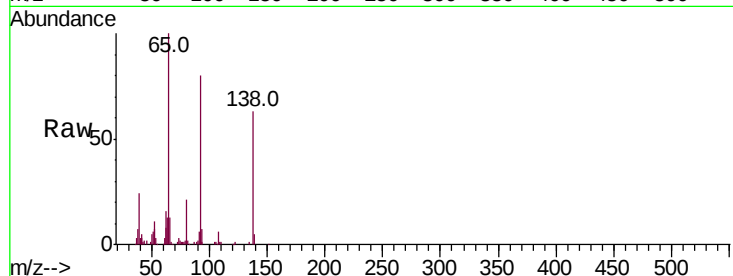
Tot Ion:138 Resp: 48432

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

92 127.0 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 75.187 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

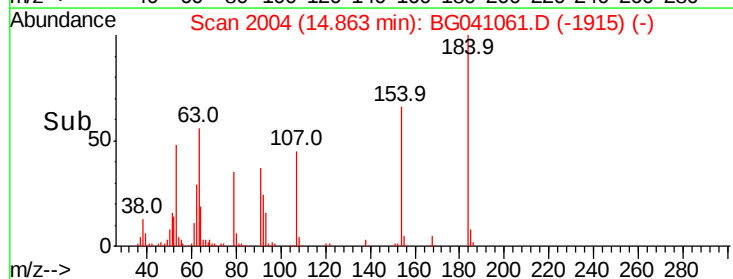
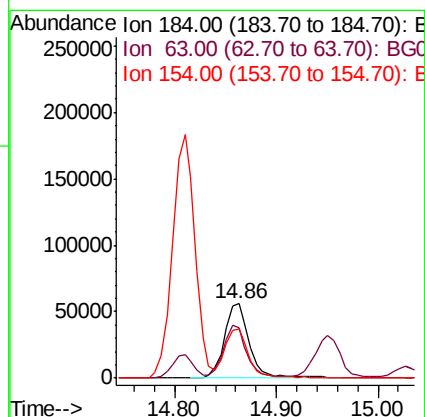
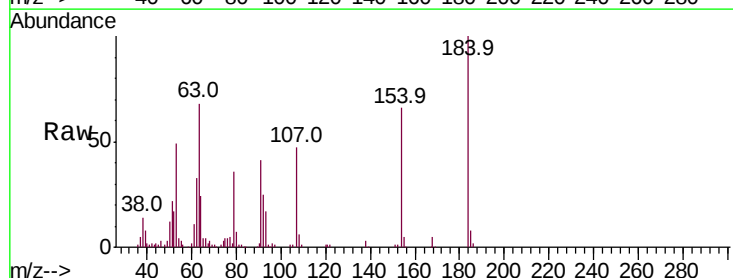
Tgt Ion:184 Resp: 95494

Ion Ratio Lower Upper

184 100

63 68.1 49.8 74.6

154 66.1 52.2 78.4





#55

Dibenzofuran

Concen: 36.661 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

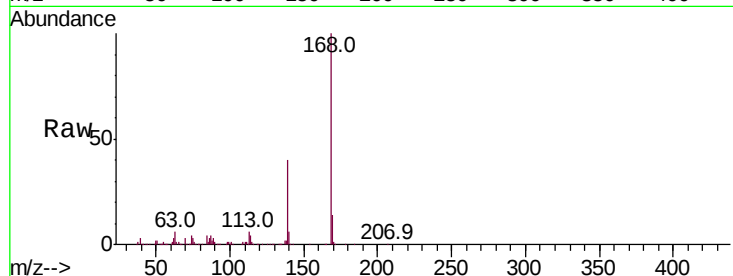
Tot Ion:168 Resp: 490551

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

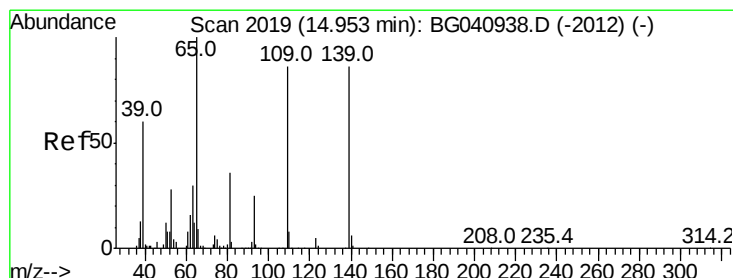
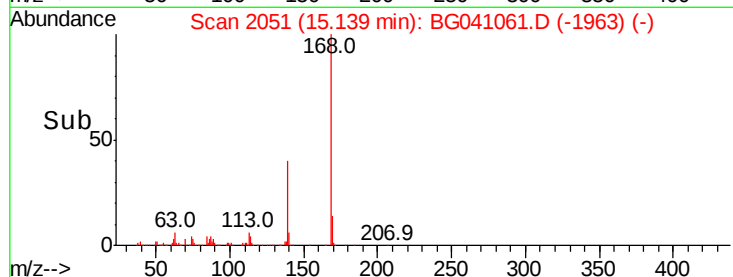
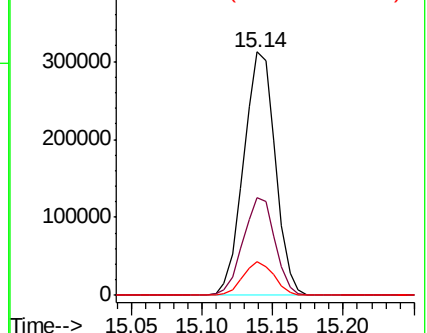
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.030 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

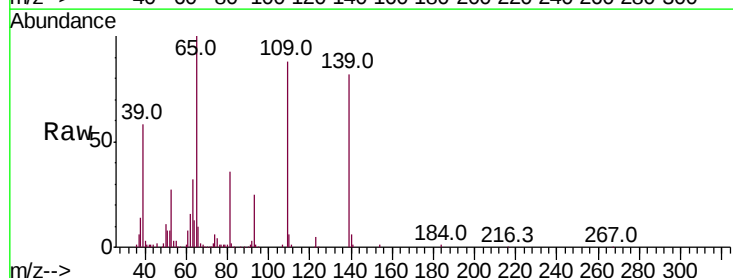
Tgt Ion:139 Resp: 144375

Ion Ratio Lower Upper

139 100

109 106.9 79.6 119.6

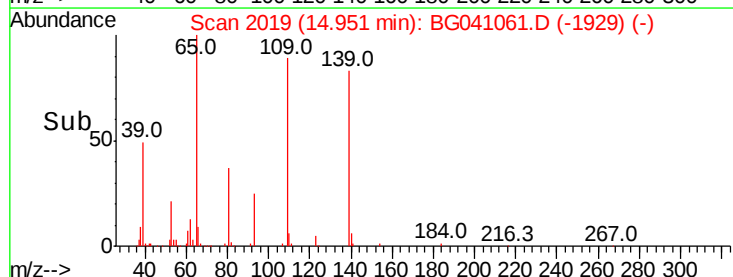
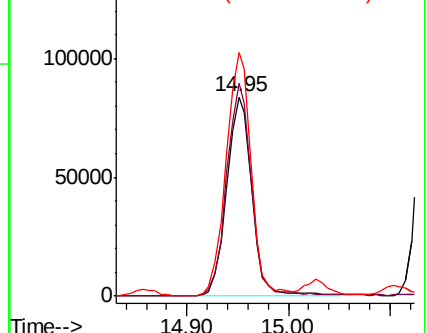
65 122.1 96.9 136.9

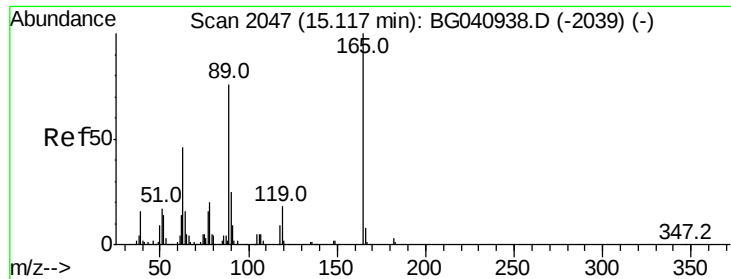


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 37.224 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:165 Resp: 131715

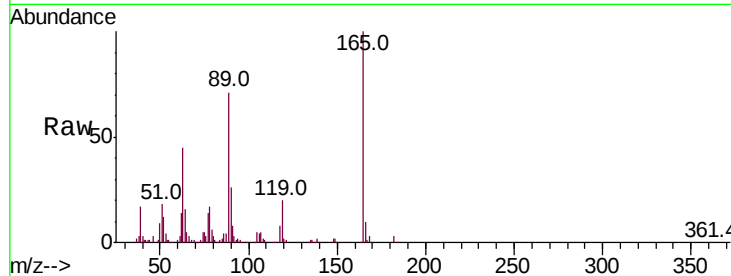
Ion Ratio Lower Upper

165 100

63 45.2 37.3 55.9

89 71.0 61.0 91.6

182 3.0 2.2 3.2

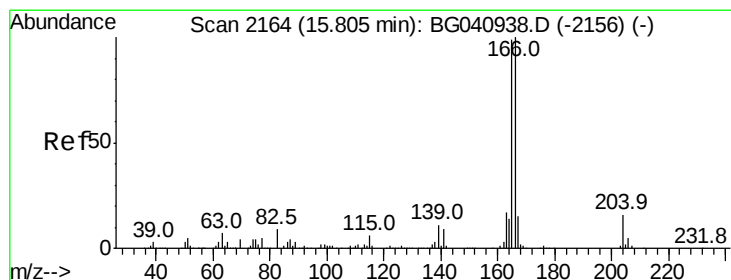
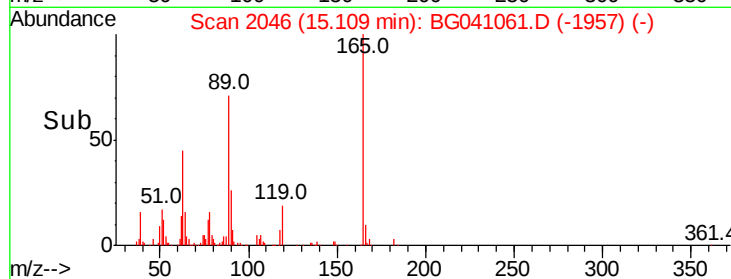
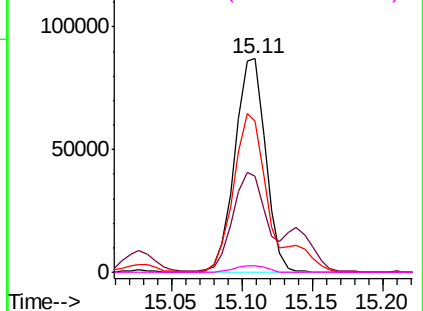


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.973 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

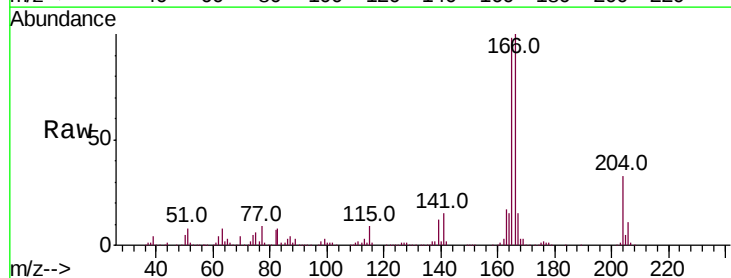
Tgt Ion:166 Resp: 383336

Ion Ratio Lower Upper

166 100

165 97.6 79.2 118.8

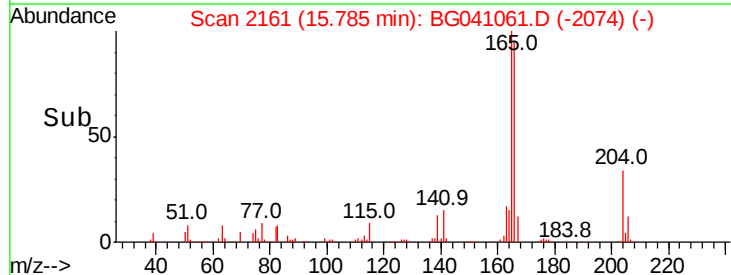
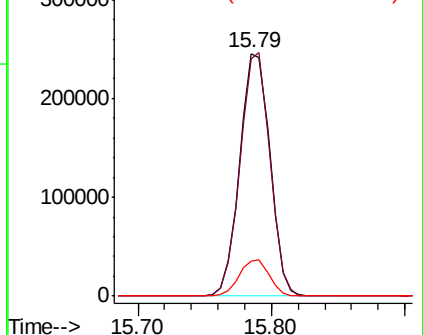
167 14.6 11.8 17.6

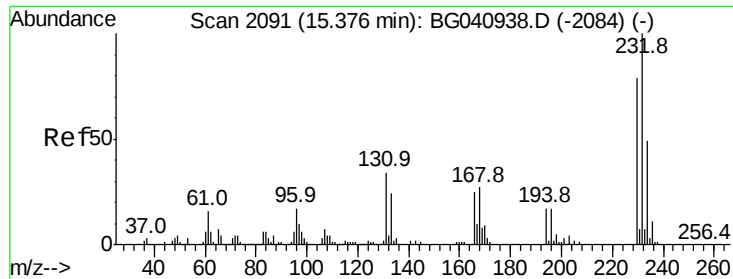


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.344 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

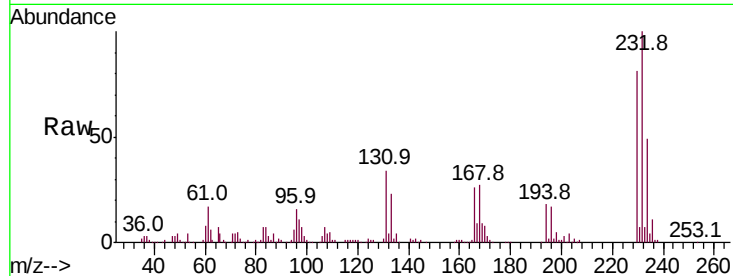
Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	232	Resp:	145927
Ion	Ratio	Lower	Upper
232	100		
131	37.5	30.3	45.5
130	2.4	1.8	2.8
166	25.6	21.3	31.9



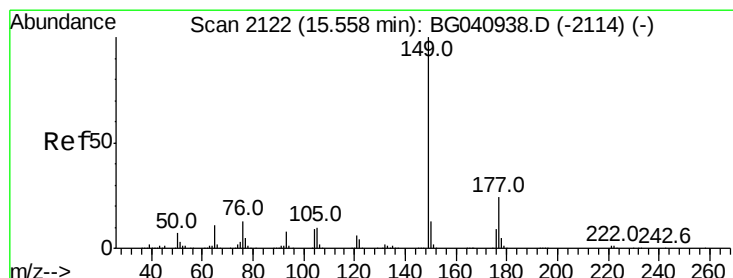
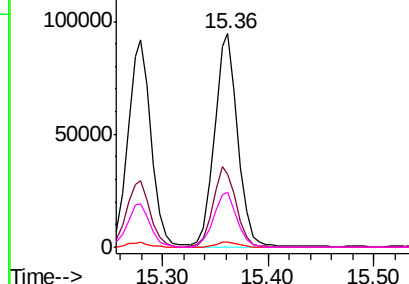
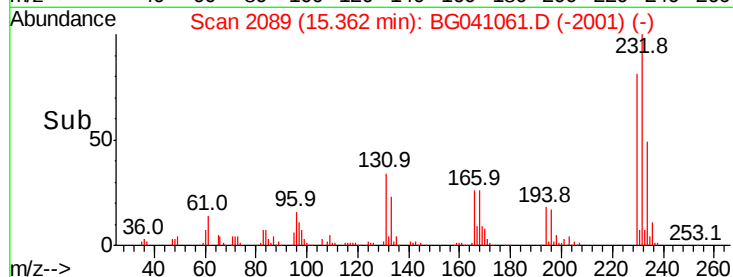
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 35.519 ng

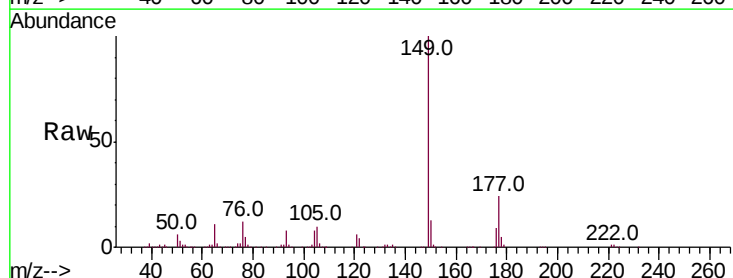
RT: 15.54 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:	149	Resp:	421141
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	13.1	10.3	15.5

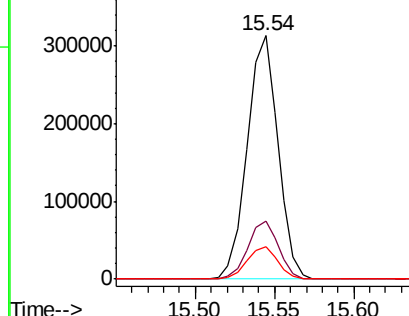
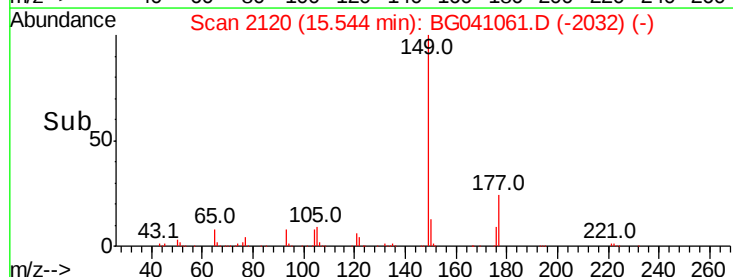


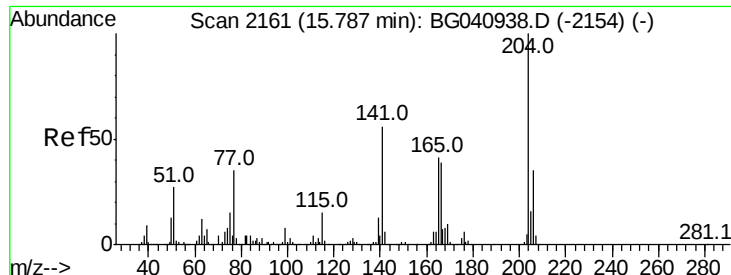
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

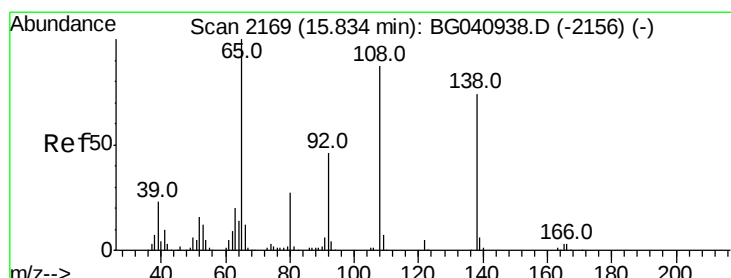
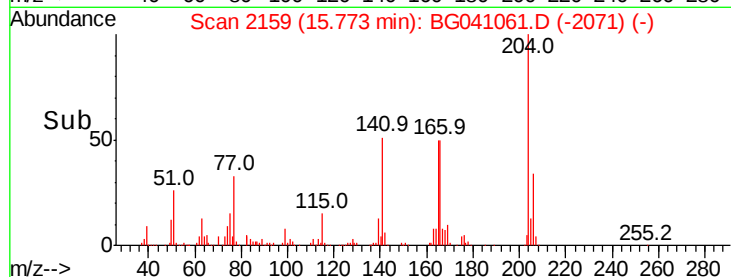
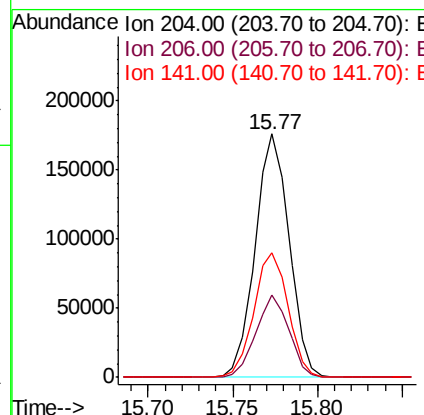
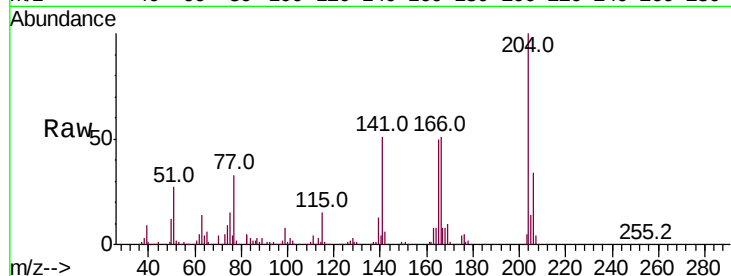




#61
 4-Chlorophenyl-phenylether
 Concen: 35.605 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

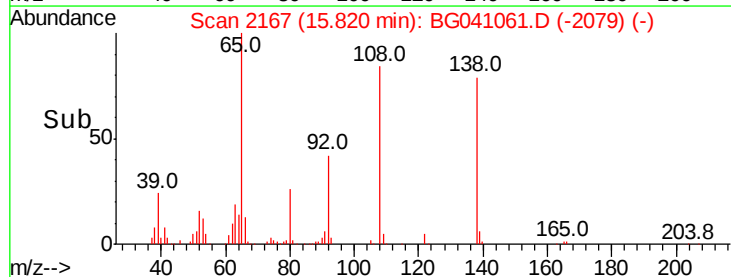
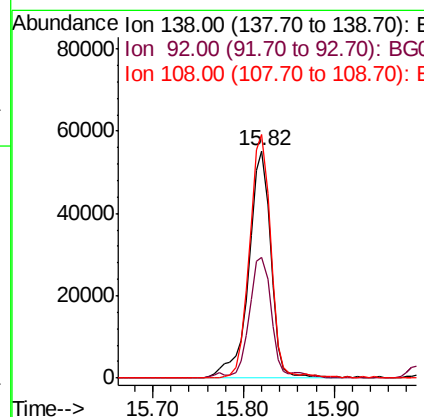
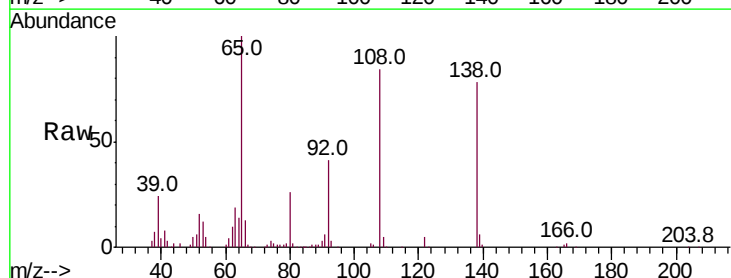
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

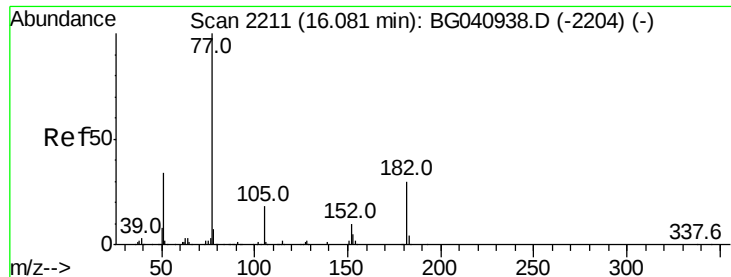
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.6	41.4
141	51.0	45.1	67.7



#62
 4-Nitroaniline
 Concen: 35.288 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	42.4	82.4
108	107.1	96.9	136.9





#63

Azobenzene

Concen: 36.163 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion: 77 Resp: 389704

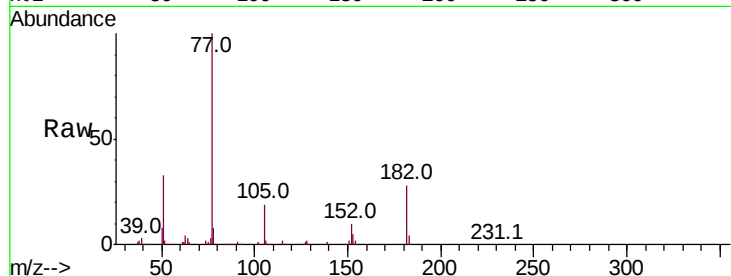
Ion Ratio Lower Upper

77 100

182 28.0 9.6 49.6

105 19.0 0.0 37.5

51 33.5 13.7 53.7

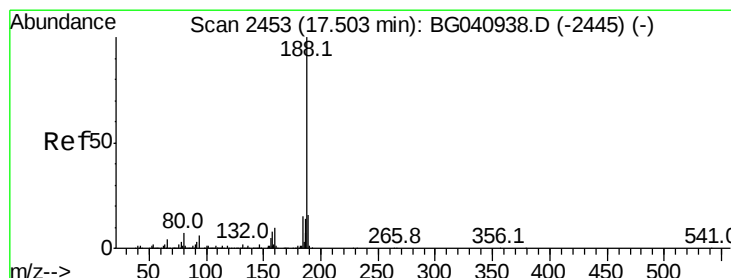
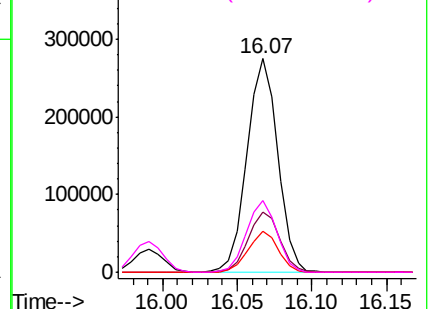
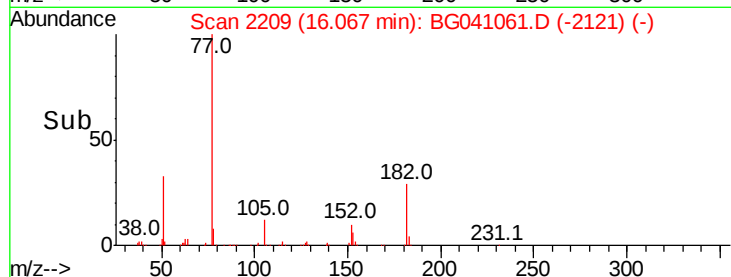


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

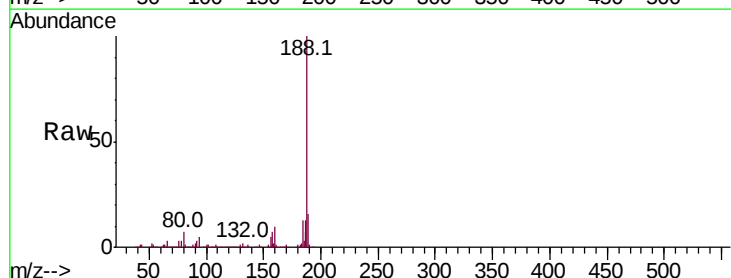
Tgt Ion: 188 Resp: 340780

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

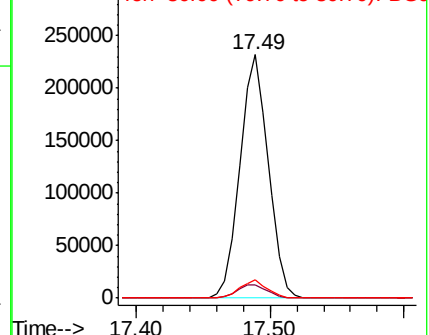
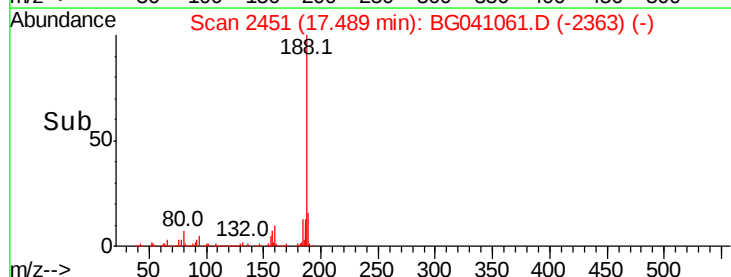
80 7.3 5.8 8.8

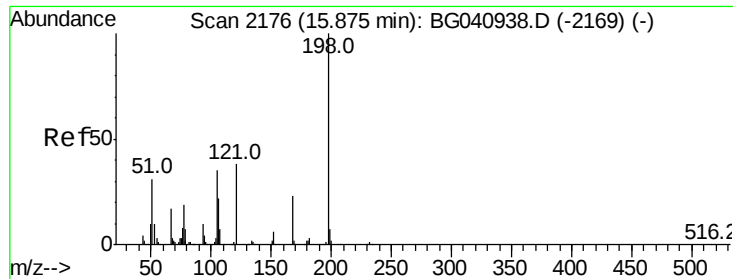


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

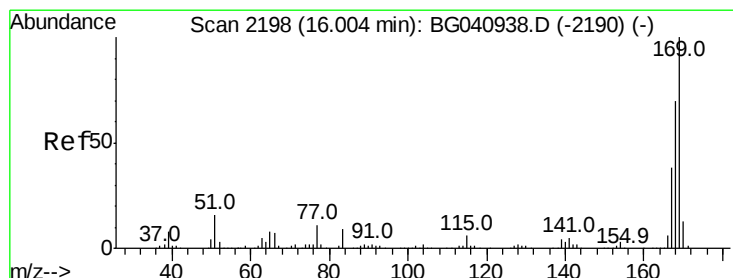
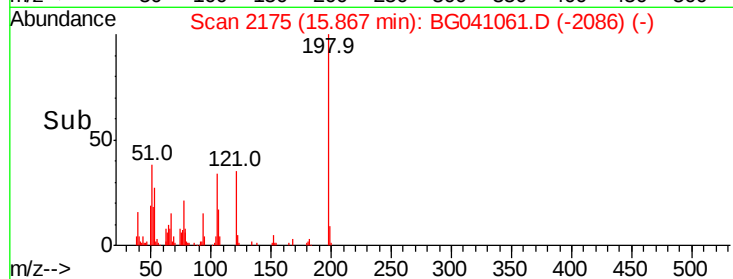
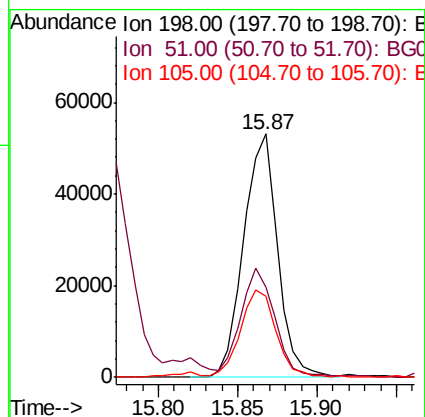
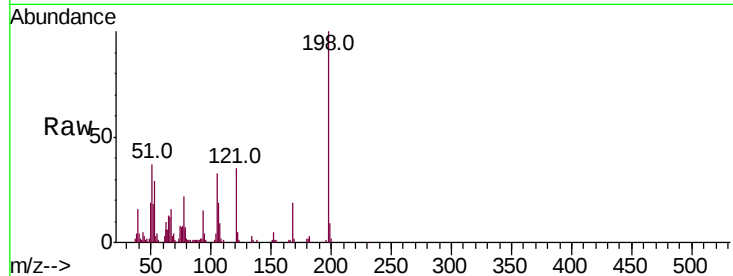




#65
4,6-Dinitro-2-methylphenol
Concen: 44.106 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

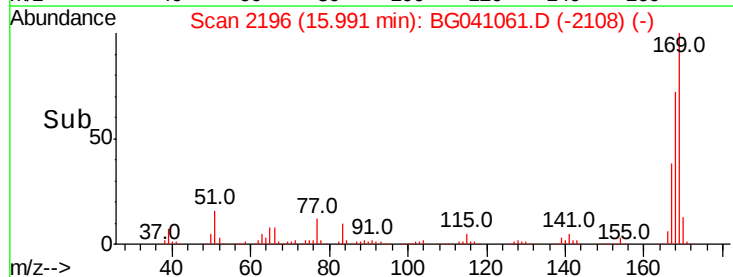
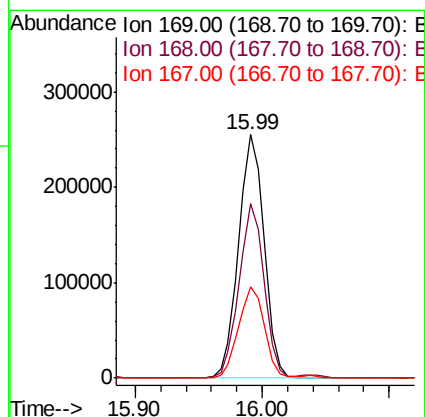
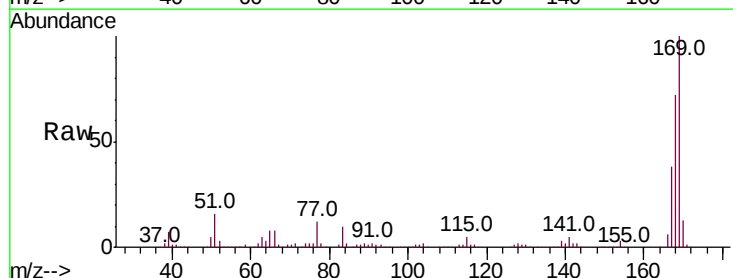
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

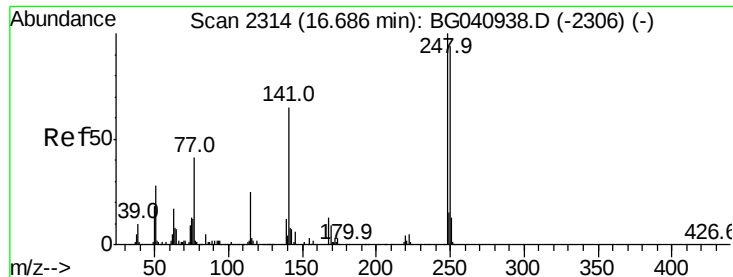
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.2	21.6	61.6
105	33.1	17.5	57.5



#66
n-Nitrosodiphenylamine
Concen: 37.020 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.7	83.5
167	37.5	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 33.494 ng

RT: 16.67 min Scan# 2311

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

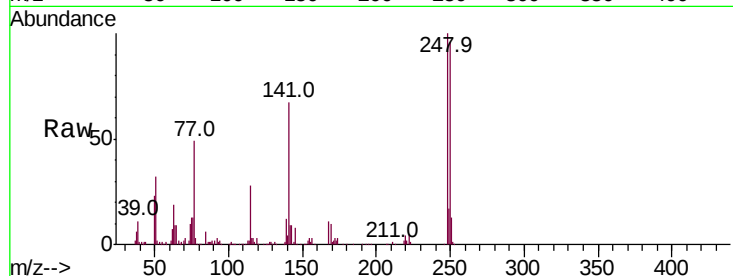
Tot Ion:248 Resp: 154037

Ion Ratio Lower Upper

248 100

250 96.2 75.0 112.4

141 67.4 52.4 78.6

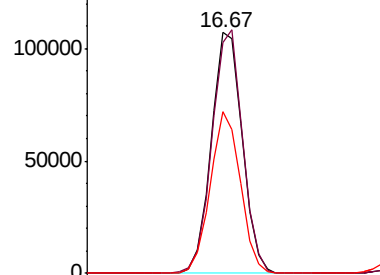


Abundance

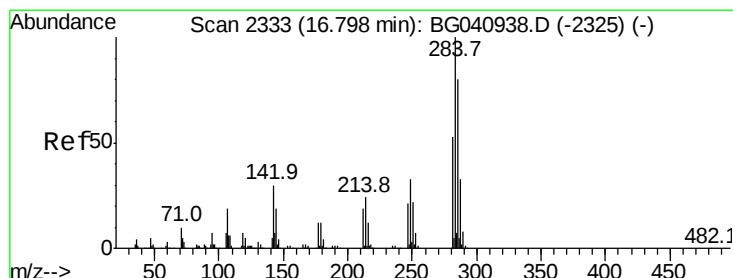
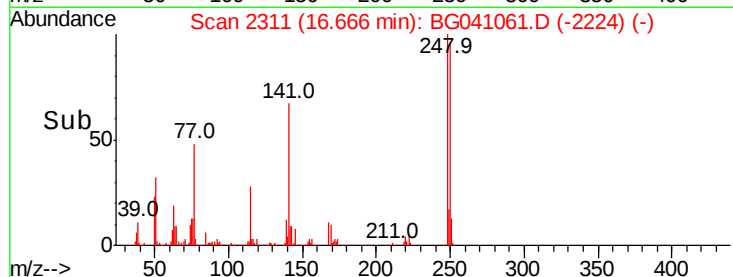
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#68

Hexachlorobenzene

Concen: 33.534 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

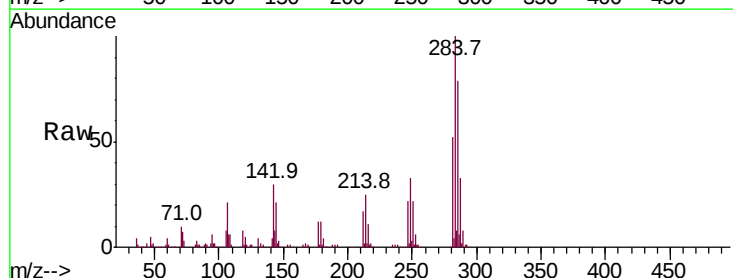
Tgt Ion:284 Resp: 164220

Ion Ratio Lower Upper

284 100

142 29.5 23.9 35.9

249 32.9 26.8 40.2

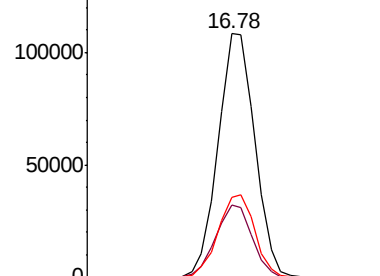


Abundance

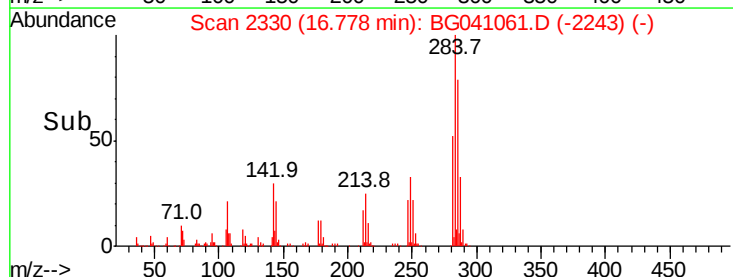
Ion 283.80 (283.50 to 284.50): E

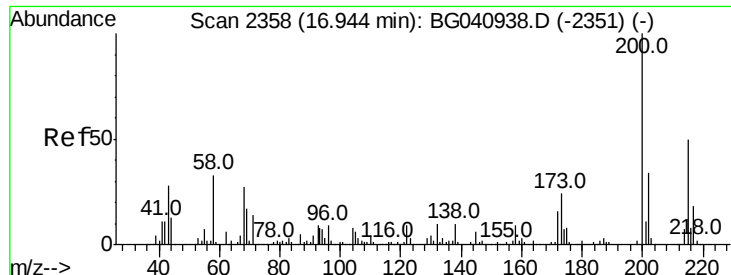
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





#69

Atrazine

Concen: 41.369 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

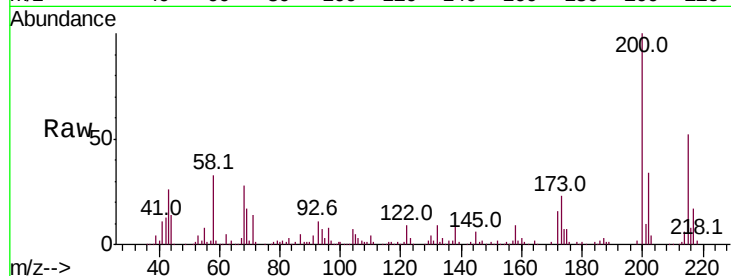
Tot Ion:200 Resp: 152915

Ion Ratio Lower Upper

200 100

173 23.0 3.6 43.6

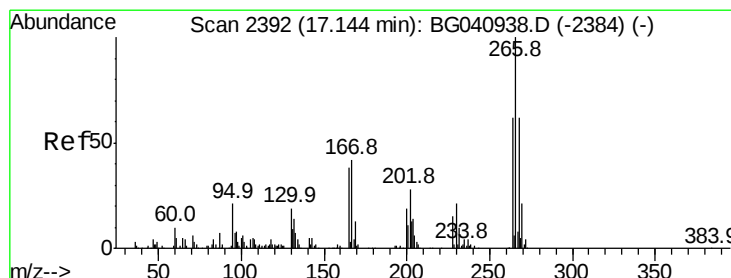
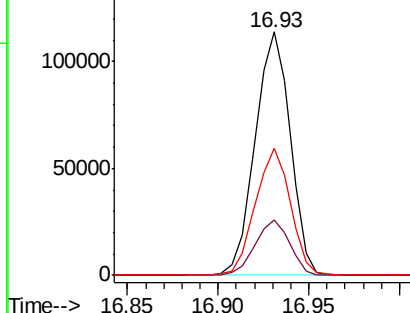
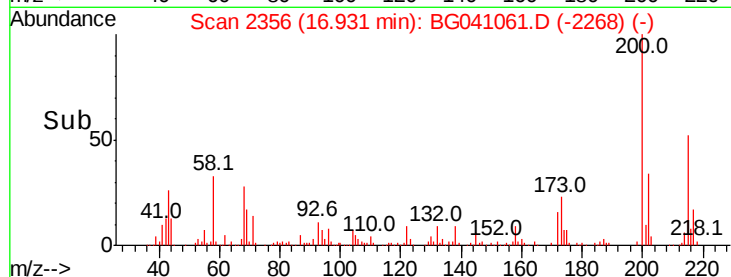
215 52.4 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.190 ng

RT: 17.13 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

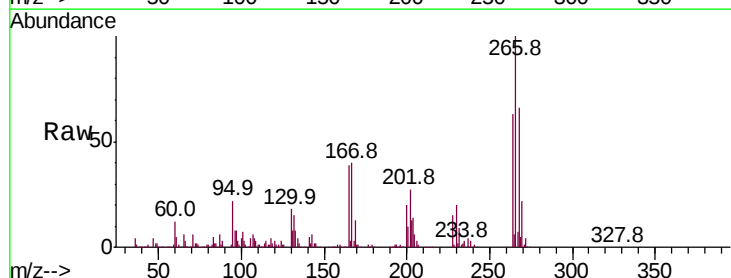
Tgt Ion:266 Resp: 196545

Ion Ratio Lower Upper

266 100

268 65.5 53.1 79.7

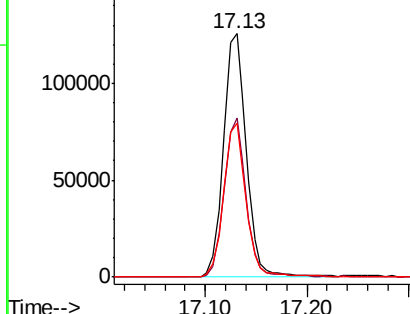
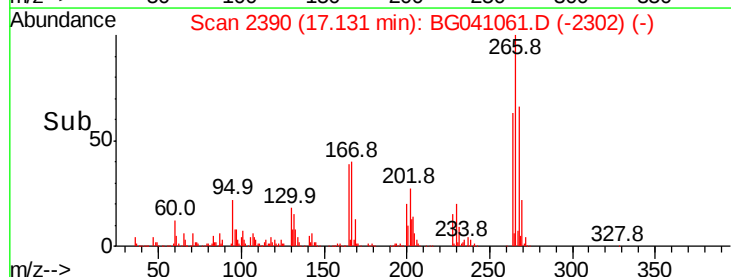
264 63.0 49.9 74.9

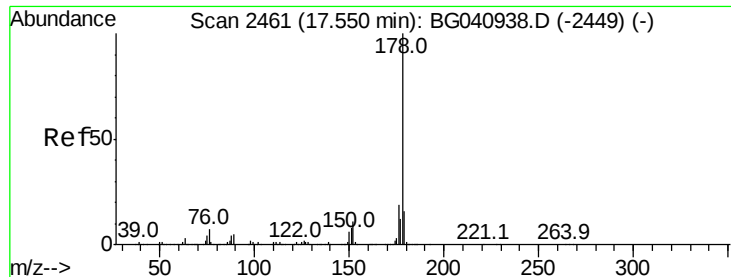


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

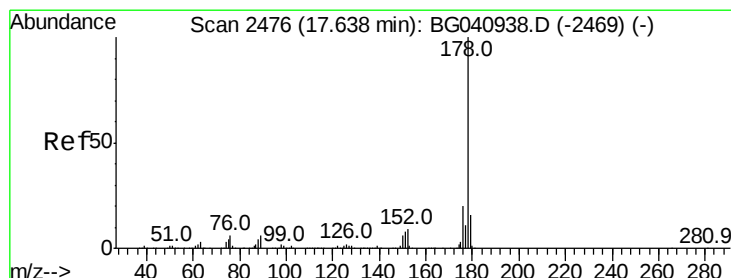
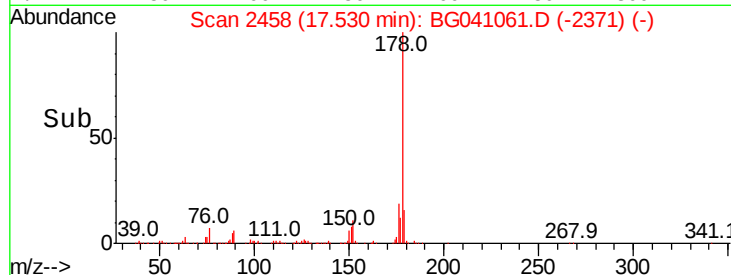
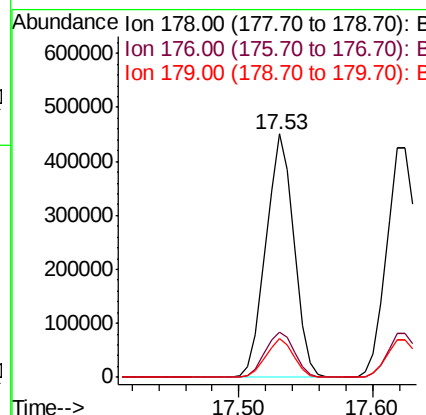
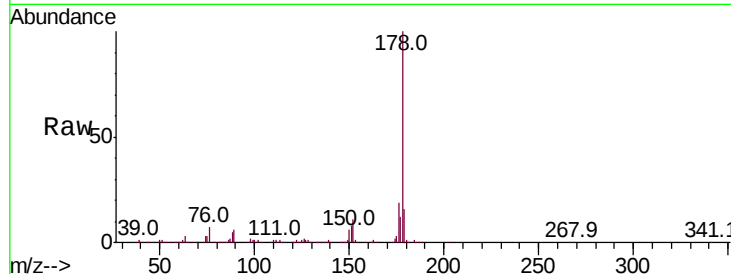




#71
Phenanthrene
Concen: 36.876 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

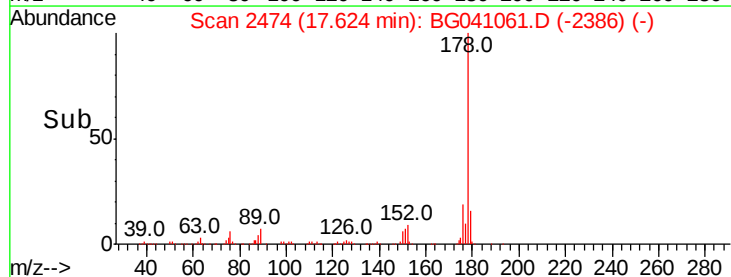
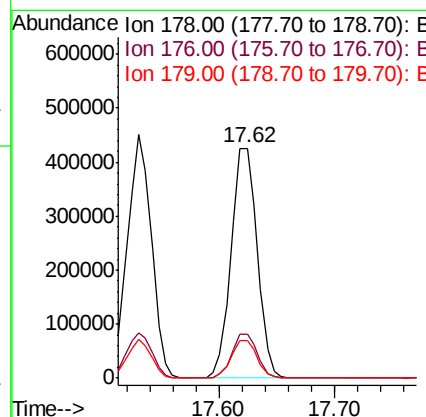
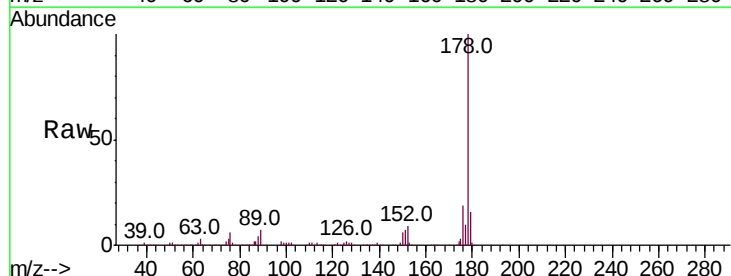
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

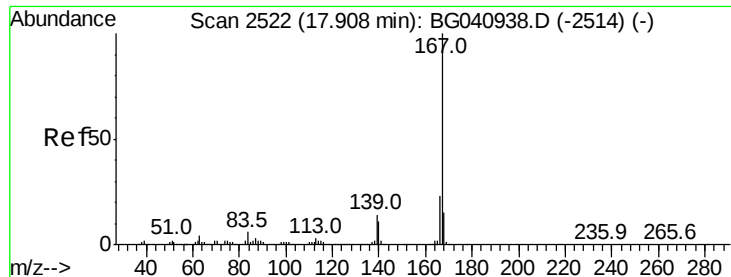
Tot Ion:178 Resp: 654572
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.7 12.7 19.1



#72
Anthracene
Concen: 38.090 ng
RT: 17.62 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion:178 Resp: 666847
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.3 13.0 19.4

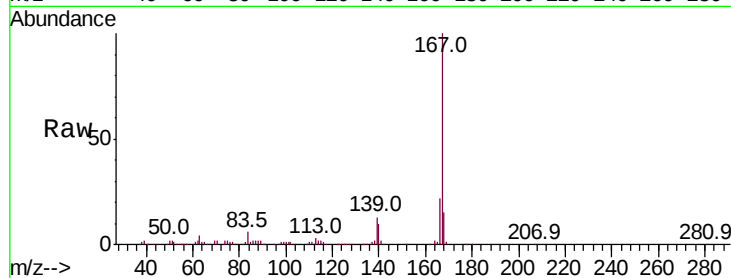




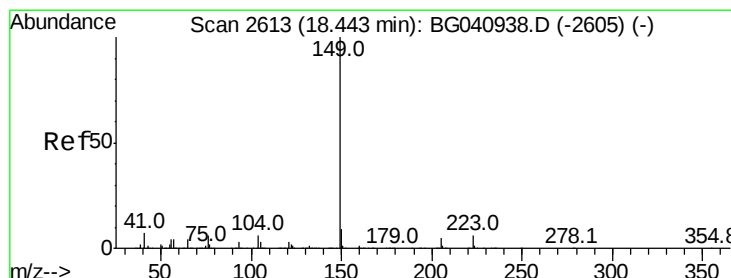
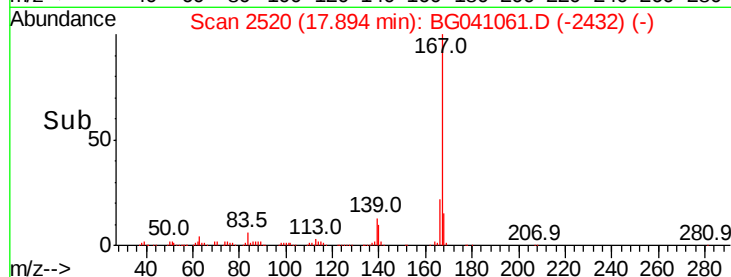
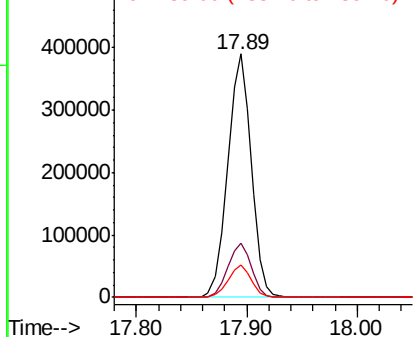
#73
 Carbazole
 Concen: 38.779 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:167 Resp: 582521
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.1 10.8 16.2

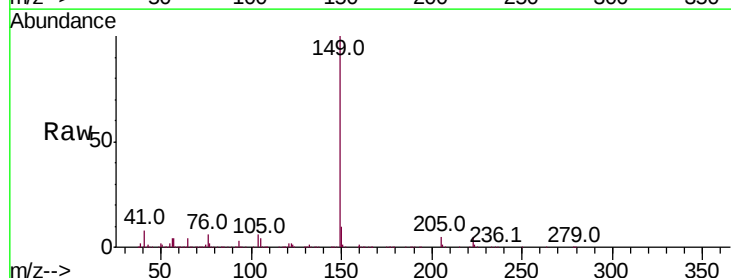


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

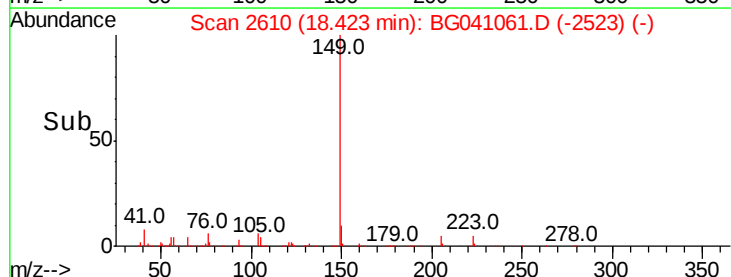
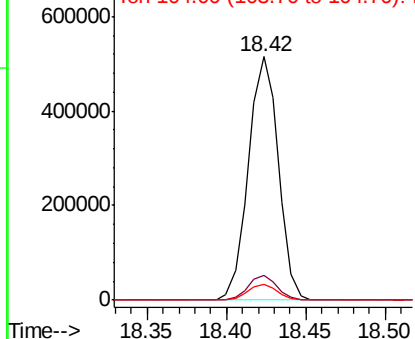


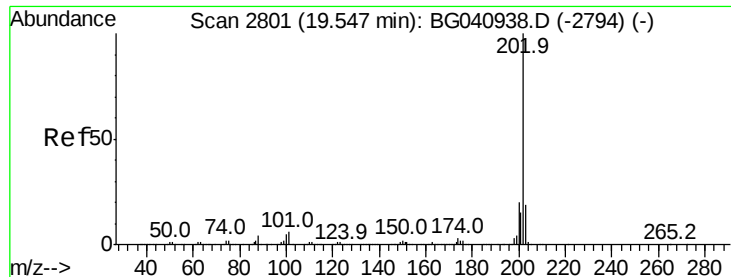
#74
 Di-n-butylphthalate
 Concen: 36.167 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041061.D
 Acq: 4 Jun 2019 16:58

Tgt Ion:149 Resp: 675244
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.2
 104 6.4 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.525 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

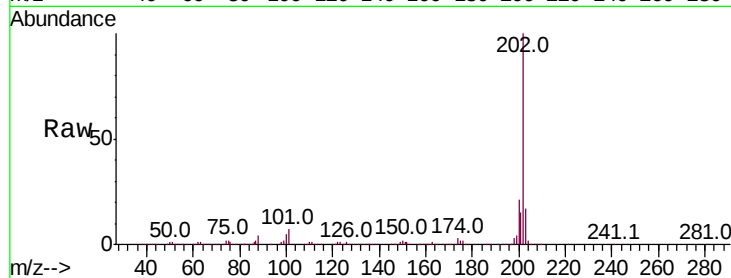
Tot Ion:202 Resp: 822737

Ion Ratio Lower Upper

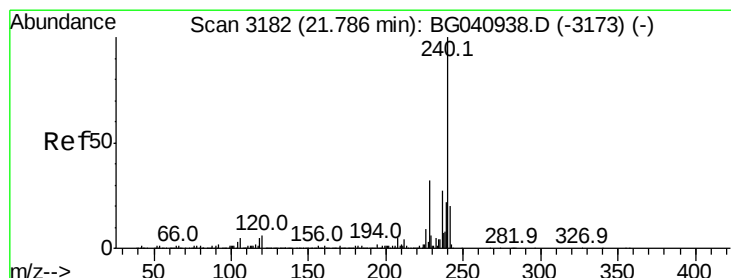
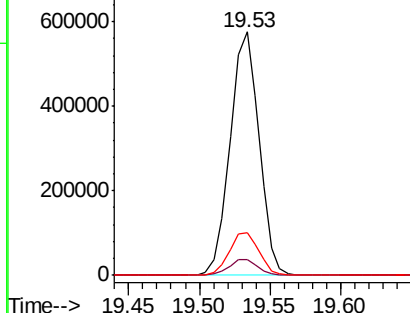
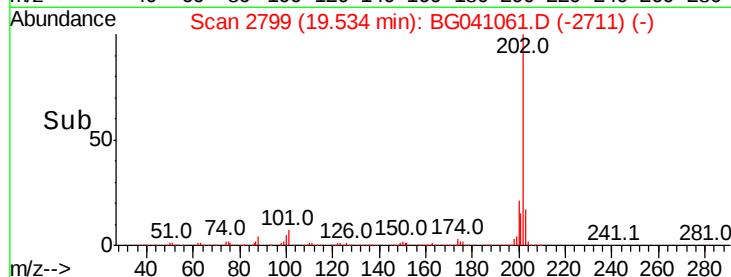
202 100

101 6.6 0.0 26.2

203 17.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

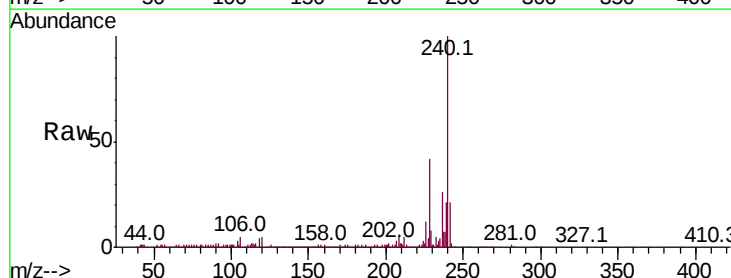
Tgt Ion:240 Resp: 327827

Ion Ratio Lower Upper

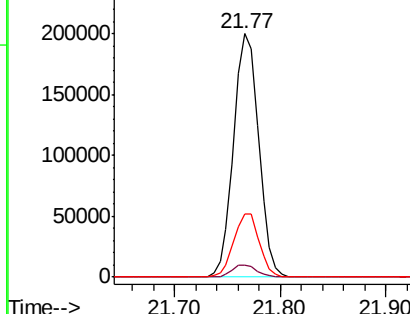
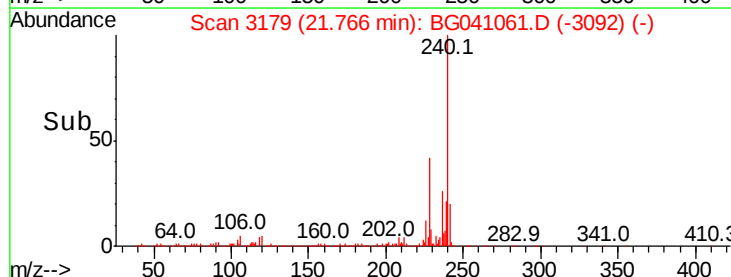
240 100

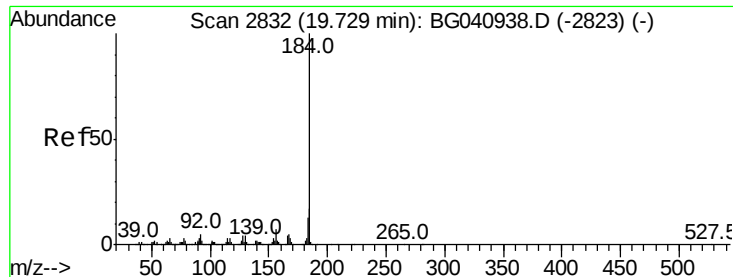
120 5.1 4.5 6.7

236 26.1 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: 15.413 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

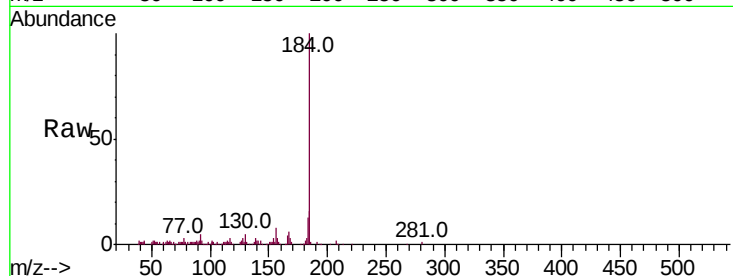
Tot Ion:184 Resp: 120533

Ion Ratio Lower Upper

184 100

185 16.1 13.3 19.9

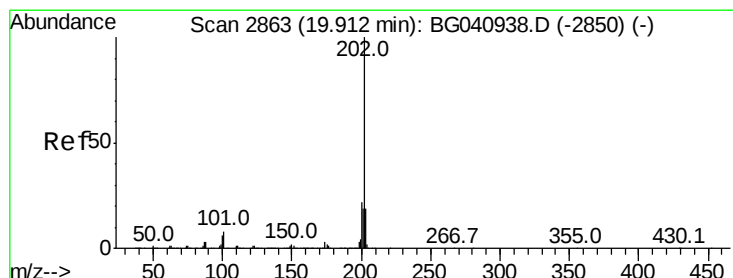
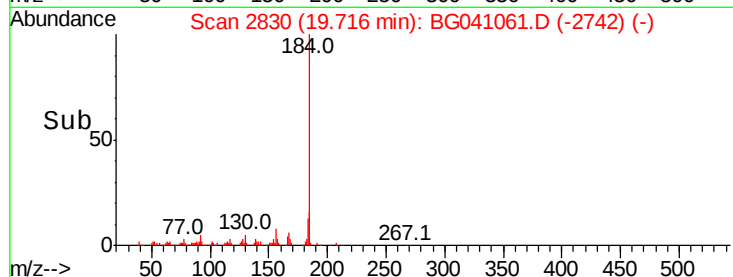
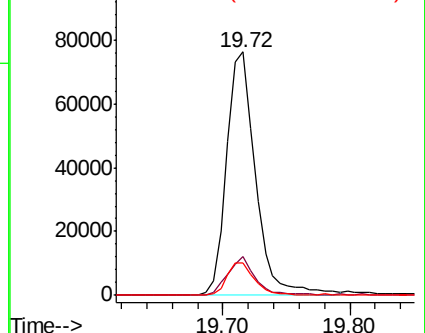
183 13.2 10.7 16.1



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



#78

Pyrene

Concen: 38.482 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

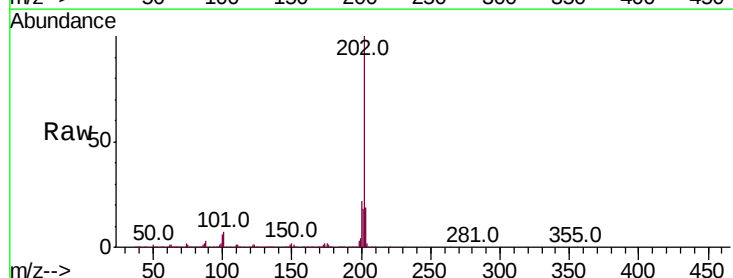
Tgt Ion:202 Resp: 820094

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

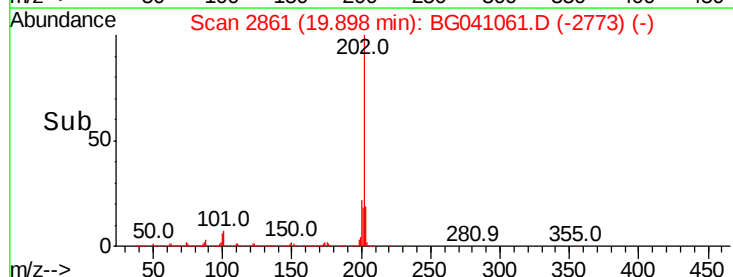
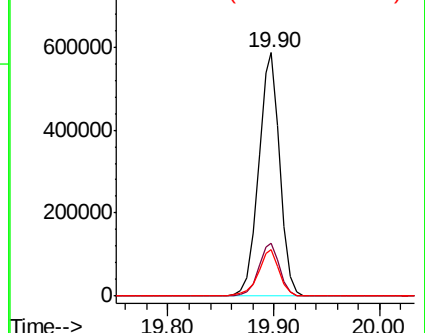
203 19.3 15.6 23.4

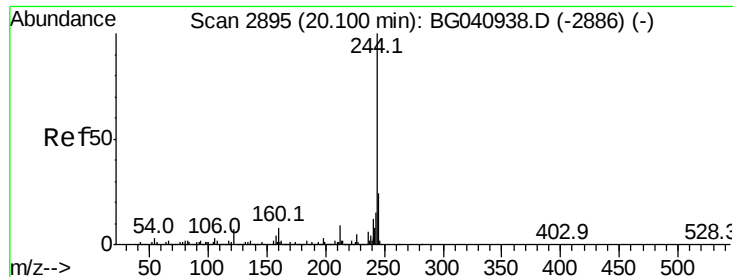


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.505 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

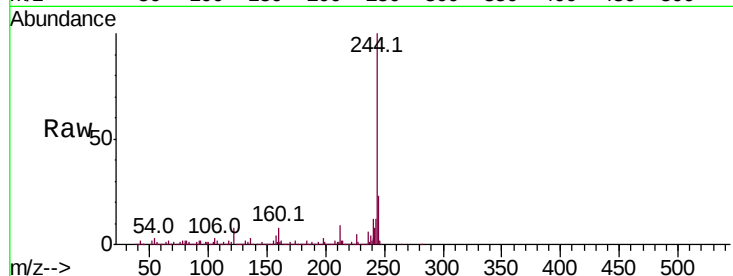
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:244 Resp: 1305302

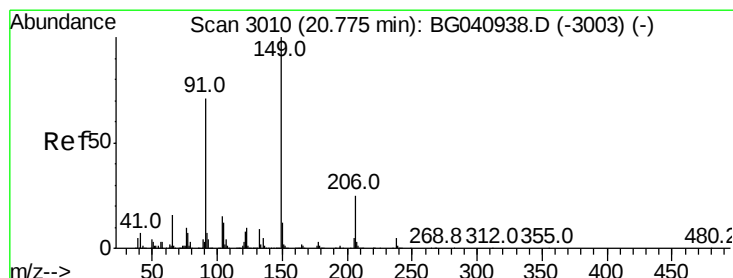
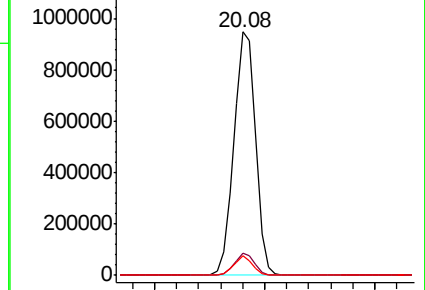
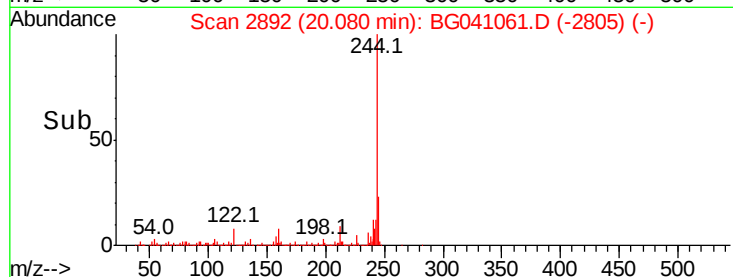
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	7.8	5.4	8.0



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



#80

Butylbenzylphthalate

Concen: 36.791 ng

RT: 20.76 min Scan# 3008

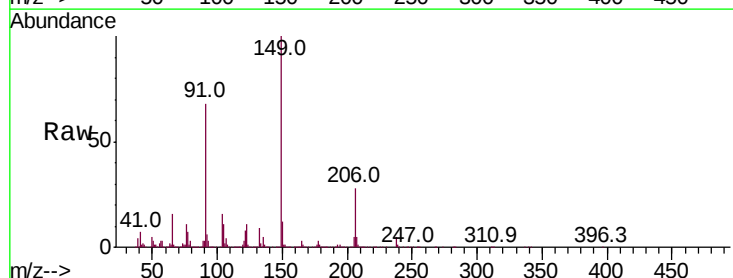
Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:149 Resp: 305116

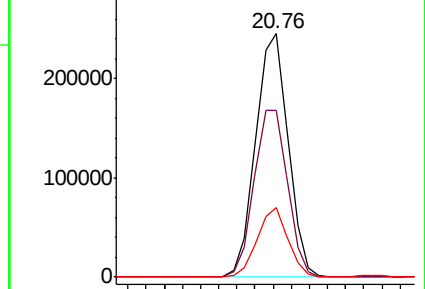
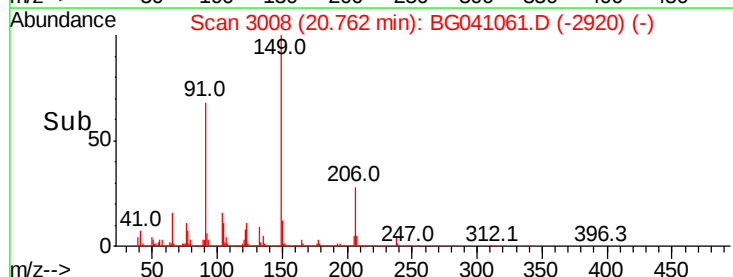
Ion	Ratio	Lower	Upper
149	100		
91	68.5	56.5	84.7
206	28.4	20.3	30.5

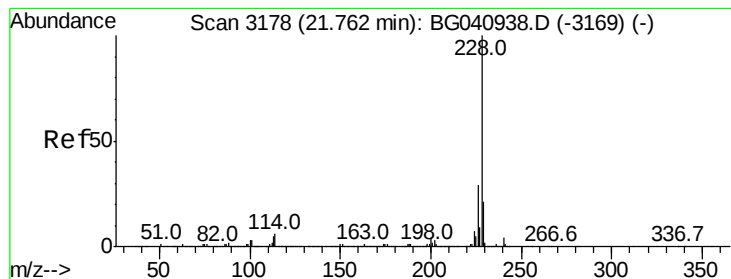


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.941 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

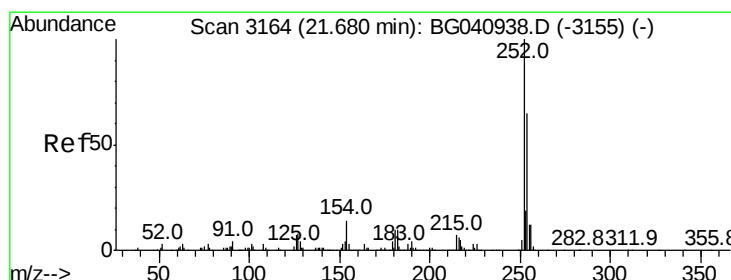
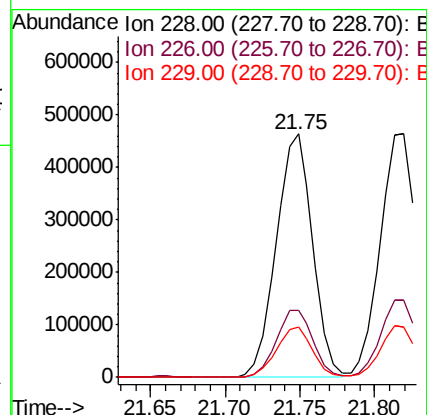
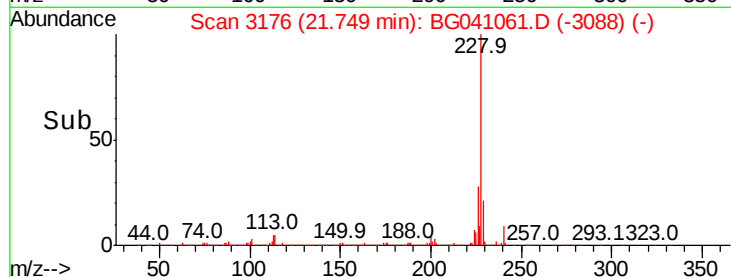
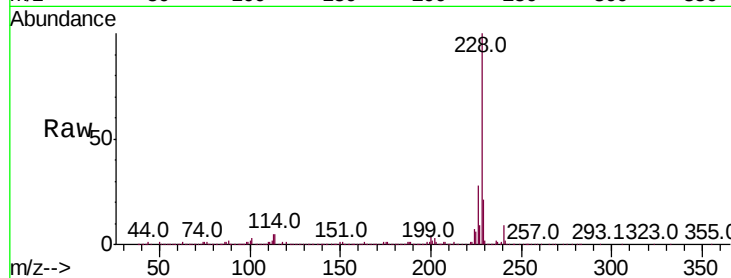
Tot Ion:228 Resp: 784308

Ion Ratio Lower Upper

228 100

226 27.8 23.5 35.3

229 20.5 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 20.172 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

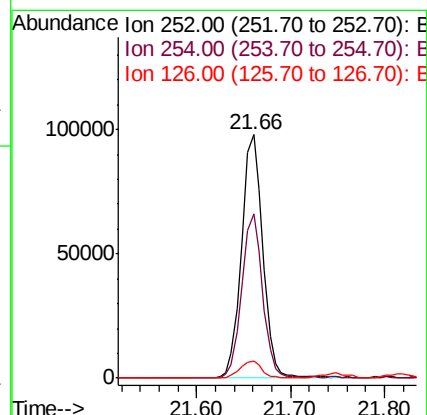
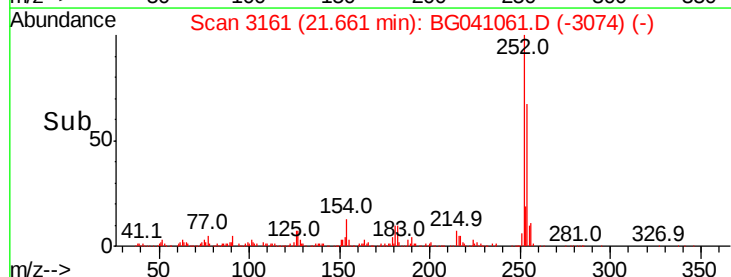
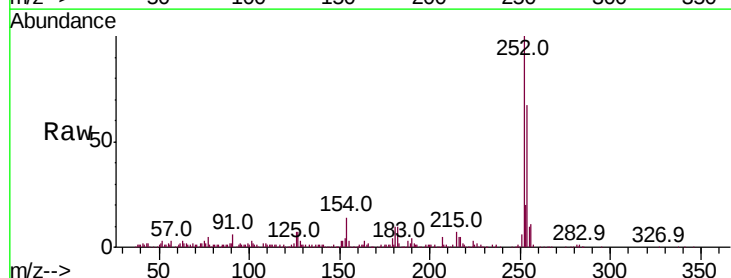
Tgt Ion:252 Resp: 154827

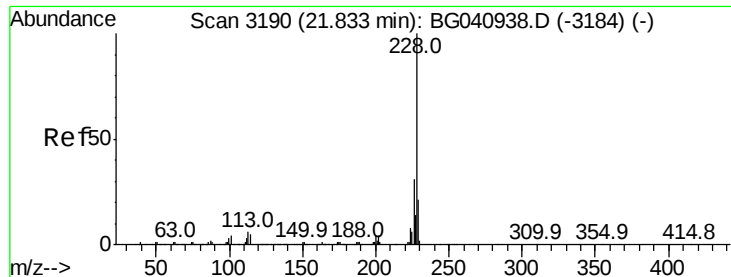
Ion Ratio Lower Upper

252 100

254 67.4 52.1 78.1

126 6.9 5.5 8.3





#83

Chrysene

Concen: 37.079 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

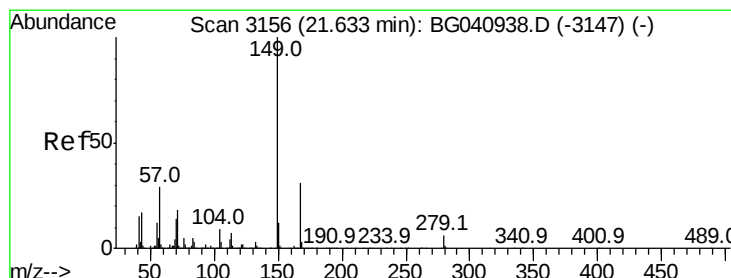
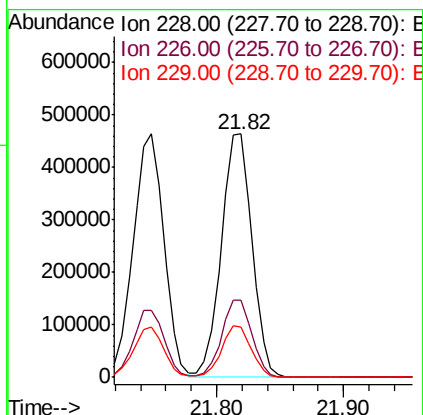
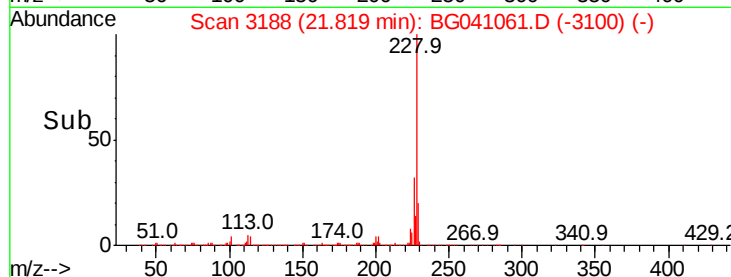
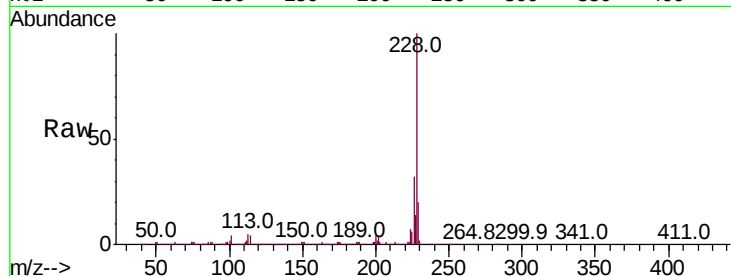
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:228 Resp: 774328

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	20.4	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 21.61 min Scan# 3153

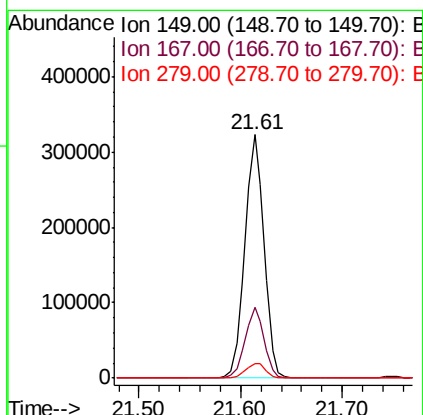
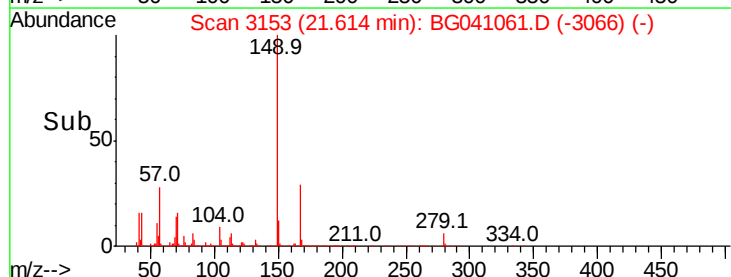
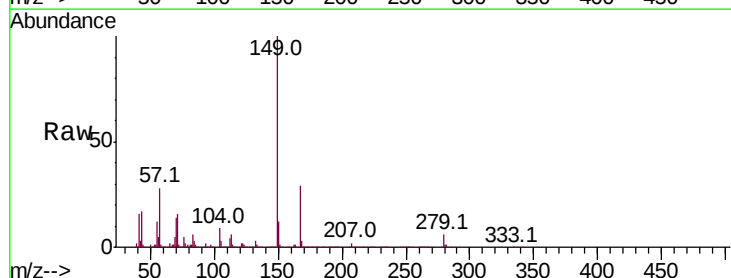
Delta R.T. -0.02 min

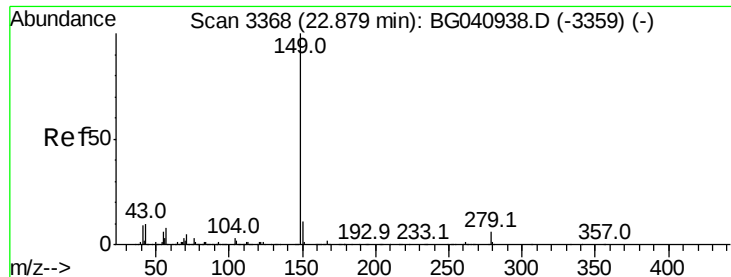
Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:149 Resp: 421571

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.6	37.0
279	6.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 37.113 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

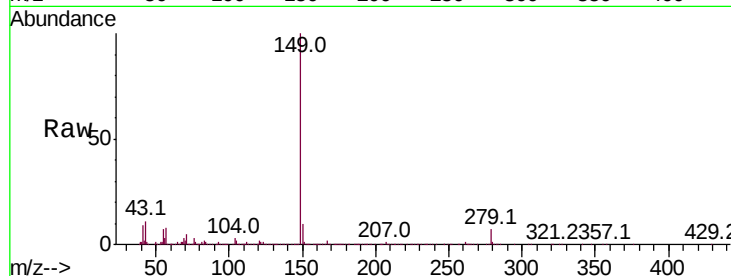
Tot Ion:149 Resp: 721595

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

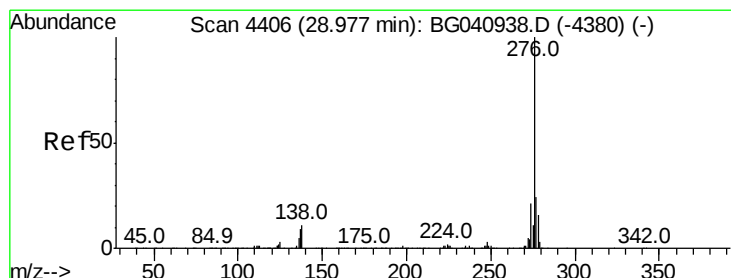
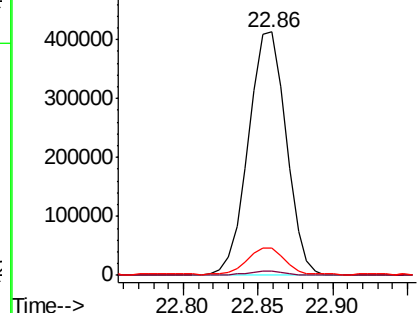
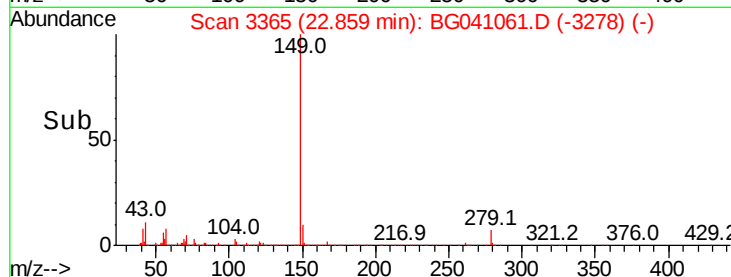
43 10.8 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.695 ng

RT: 28.92 min Scan# 4397

Delta R.T. -0.05 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

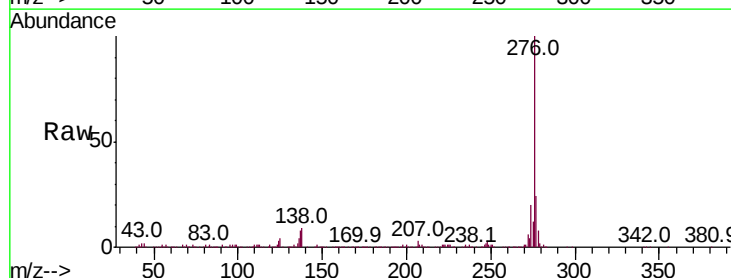
Tgt Ion:276 Resp: 938701

Ion Ratio Lower Upper

276 100

138 8.0 5.7 8.5

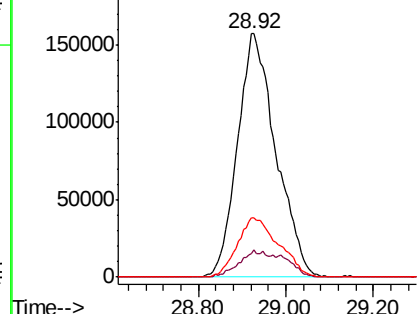
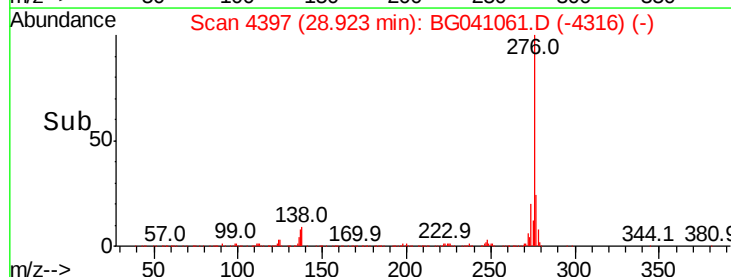
277 26.2 20.8 31.2

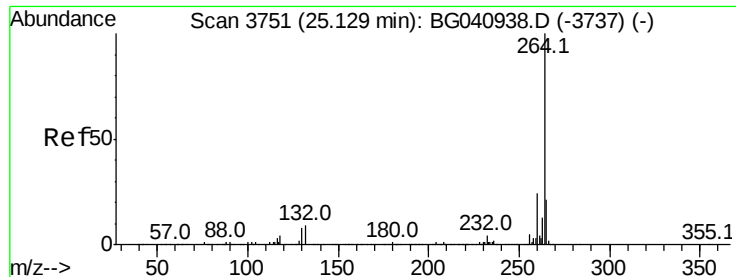


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. -0.04 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

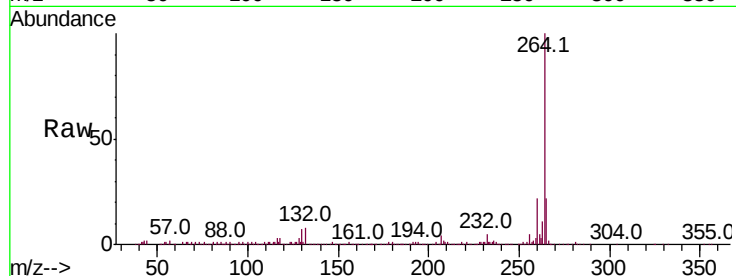
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:264 Resp: 349677

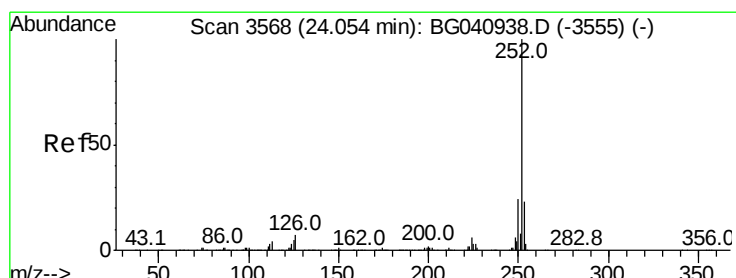
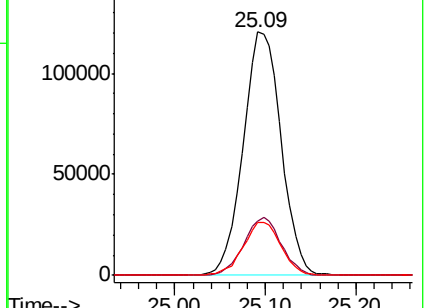
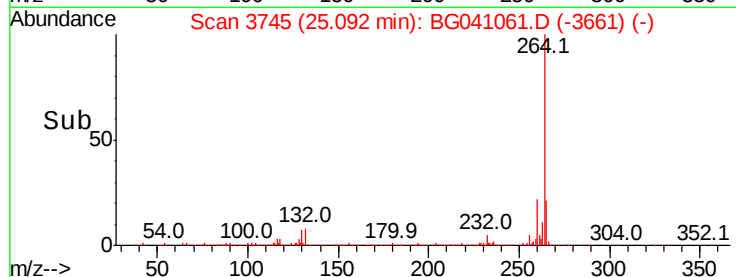
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.7	17.0	25.4



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



#88

Benzo(b)fluoranthene

Concen: 36.745 ng

RT: 24.03 min Scan# 3564

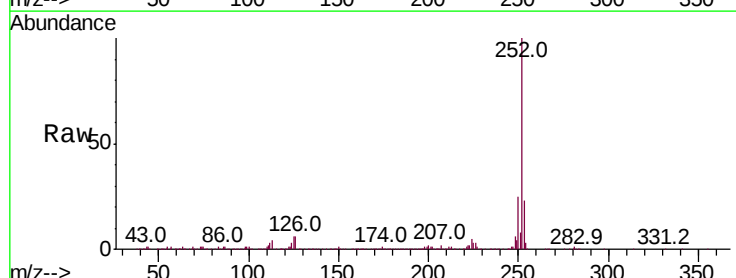
Delta R.T. -0.03 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Tgt Ion:252 Resp: 779336

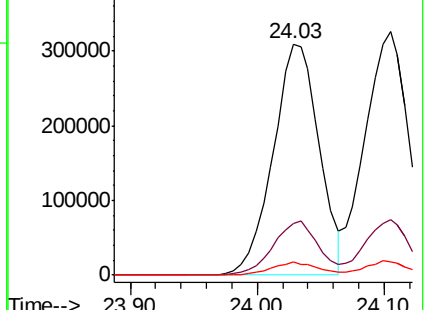
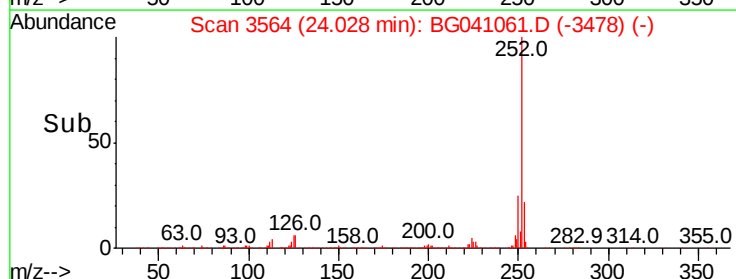
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	5.7	4.3	6.5

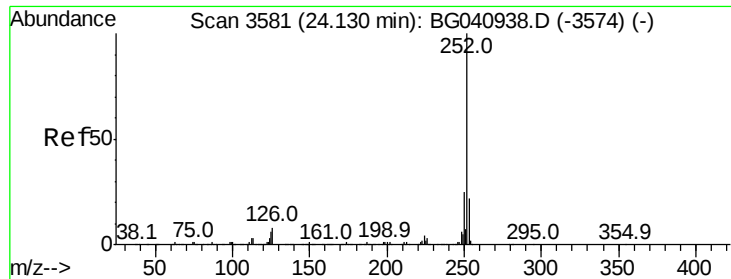


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

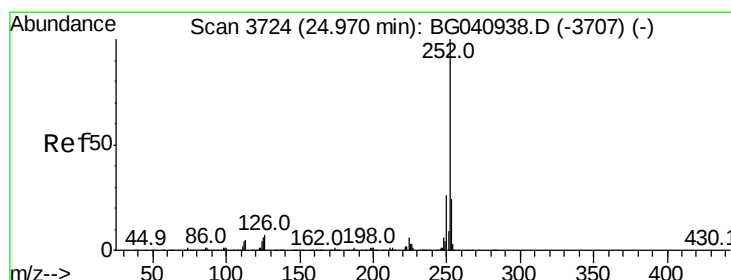
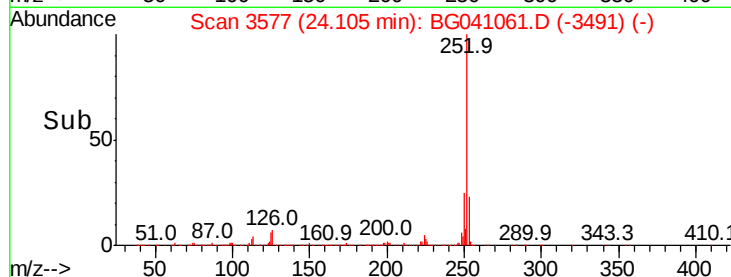
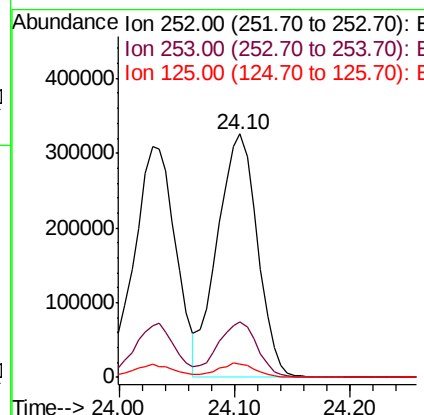
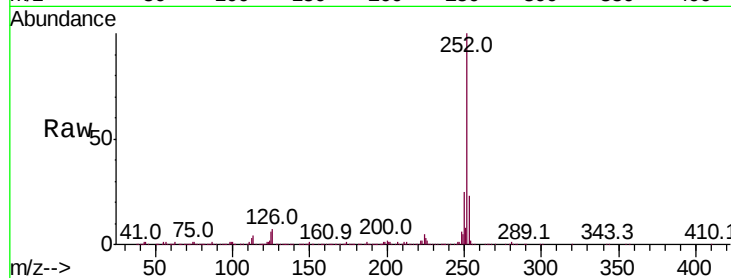




#89
Benzo(k)fluoranthene
Concen: 37.266 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.03 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

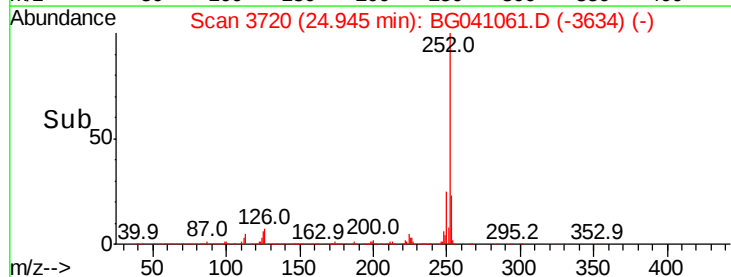
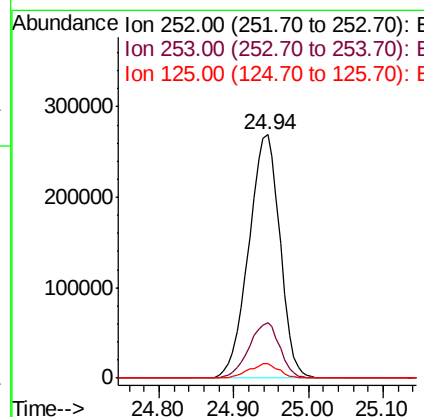
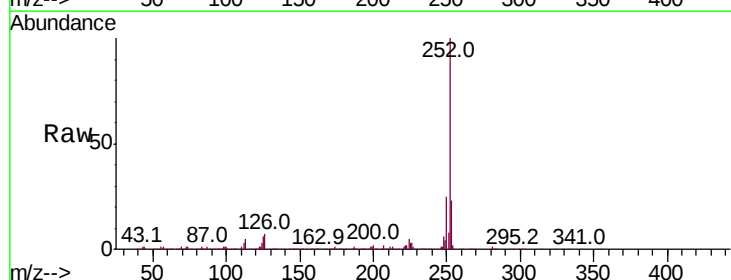
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

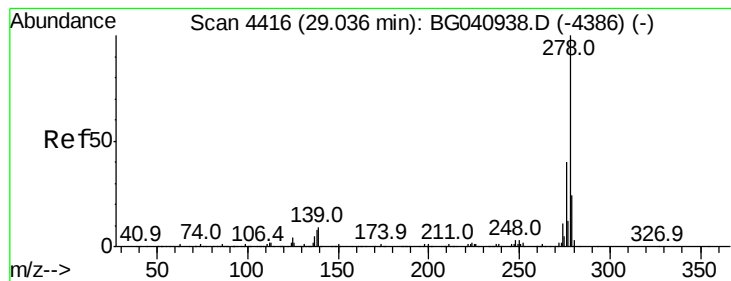
Tot Ion:252 Resp: 782140
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 5.7 4.7 7.1



#90
Benzo(a)pyrene
Concen: 38.524 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG041061.D
Acq: 4 Jun 2019 16:58

Tgt Ion:252 Resp: 779526
Ion Ratio Lower Upper
252 100
253 23.0 19.5 29.3
125 6.1 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 38.347 ng

RT: 28.99 min Scan# 4409

Delta R.T. -0.04 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

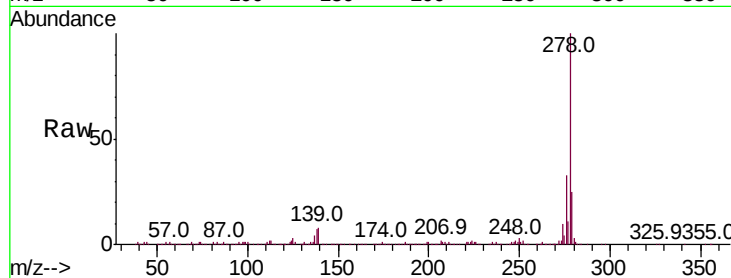
Tot Ion:278 Resp: 775348

Ion Ratio Lower Upper

278 100

139 8.4 7.1 10.7

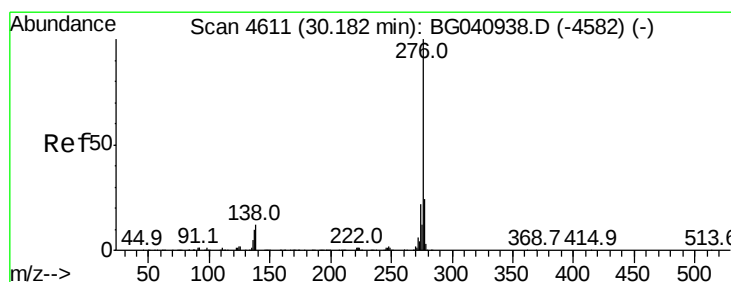
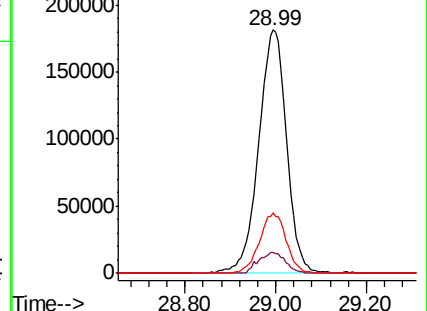
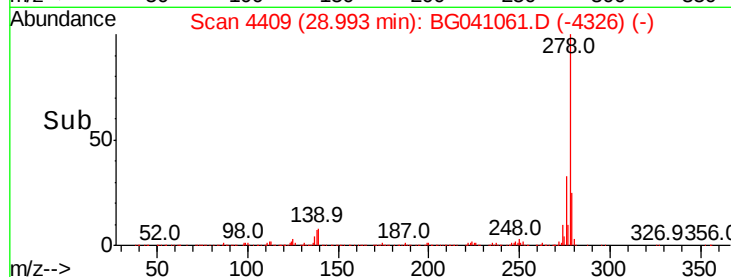
279 24.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.773 ng

RT: 30.14 min Scan# 4604

Delta R.T. -0.04 min

Lab File: BG041061.D

Acq: 4 Jun 2019 16:58

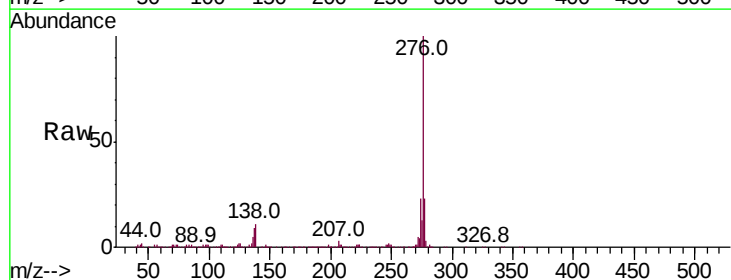
Tgt Ion:276 Resp: 781284

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 10.8 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

