

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041033.D
 Acq On : 3 Jun 2019 14:21
 Operator : HP/JU
 Sample : PB120082BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Quant Time: Jun 03 15:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64219	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	250106	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	181873	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	466723	20.00	ng	0.00
76) Chrysene-d12	21.78	240	492549	20.00	ng	0.00
87) Perylene-d12	25.12	264	522184	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	479757	134.71	ng	0.00
7) Phenol-d6	7.27	99	673694	122.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	402155	71.38	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	360973	133.69	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	927759	73.46	ng	0.00
79) Terphenyl-d14	20.09	244	1524256	65.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48839	30.221	ng	89
3) Pyridine	3.92	79	134871	28.204	ng	95
4) n-Nitrosodimethylamine	3.85	42	75104	33.841	ng	86
6) Aniline	7.44	93	130671	17.799	ng	95
8) 2-Chlorophenol	7.68	128	136133	32.063	ng	95
9) Benzaldehyde	7.25	77	53002	16.154	ng	85
10) Phenol	7.30	94	182596	30.963	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	125443	29.322	ng	97
12) 1,3-Dichlorobenzene	8.01	146	152018	29.978	ng	97
13) 1,4-Dichlorobenzene	8.15	146	153580	29.920	ng	96
14) 1,2-Dichlorobenzene	8.48	146	147230	29.541	ng	98
15) Benzyl Alcohol	8.36	79	153078	30.087	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	201144	28.773	ng	99
17) 2-Methylphenol	8.55	107	127198	29.789	ng	98
18) Hexachloroethane	9.20	117	60456	30.559	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	119327	28.192	ng	99
20) 3+4-Methylphenols	8.88	107	173889	29.400	ng	97
22) Acetophenone	8.95	105	226919	32.344	ng	# 97
24) Nitrobenzene	9.34	77	187000	32.571	ng	99
25) Isophorone	9.85	82	337574	31.485	ng	99
26) 2-Nitrophenol	10.05	139	82664	34.925	ng	97
27) 2,4-Dimethylphenol	10.09	122	142306	36.404	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	179102	30.951	ng	98
29) 2,4-Dichlorophenol	10.58	162	157628	31.754	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	175013	30.992	ng	96
31) Naphthalene	10.99	128	428683	31.924	ng	98
32) Benzoic acid	10.22	122	84368	31.185	ng	95
33) 4-Chloroaniline	11.10	127	95140	15.270	ng	97
34) Hexachlorobutadiene	11.26	225	131103	30.342	ng	96
35) Caprolactam	11.88	113	49640	30.282	ng	89
36) 4-Chloro-3-methylphenol	12.20	107	177028	31.226	ng	97
37) 2-Methylnaphthalene	12.58	142	326308	31.551	ng	97
38) 1-Methylnaphthalene	12.81	142	308375	31.641	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	236041	32.200	ng	99

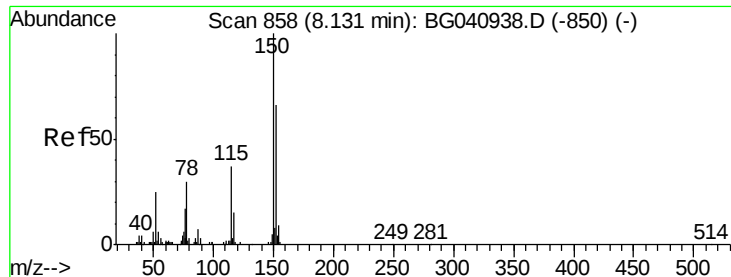
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041033.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	261709	67.814	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	149309	31.485	ng	96
44) 2,4,5-Trichlorophenol	13.26	196	160574	32.107	ng	96
46) 1,1'-Biphenyl	13.59	154	432997	32.163	ng	99
47) 2-Chloronaphthalene	13.63	162	361103	31.244	ng	96
48) 2-Nitroaniline	13.84	65	131870	31.805	ng	99
49) Acenaphthylene	14.48	152	557120	32.028	ng	100
50) Dimethylphthalate	14.20	163	478121	31.056	ng	99
51) 2,6-Dinitrotoluene	14.33	165	106497	32.083	ng	99
52) Acenaphthene	14.82	154	330061	31.322	ng	93
53) 3-Nitroaniline	14.66	138	71744	21.614	ng	95
54) 2,4-Dinitrophenol	14.86	184	105727	66.327	ng	92
55) Dibenzofuran	15.14	168	574348	32.392	ng	100
56) 4-Nitrophenol	14.95	139	163783	71.937	ng	96
57) 2,4-Dinitrotoluene	15.11	165	153185	32.669	ng	98
58) Fluorene	15.80	166	452310	32.032	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	168566	34.296	ng	98
60) Diethylphthalate	15.55	149	485037	30.871	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	290155	31.613	ng	96
62) 4-Nitroaniline	15.83	138	107516	30.596	ng	96
63) Azobenzene	16.07	77	456602	31.975	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	84066	36.188	ng	99
66) n-Nitrosodiphenylamine	16.00	169	411721	31.381	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	188880	29.988	ng	99
68) Hexachlorobenzene	16.79	284	194395	28.984	ng	98
69) Atrazine	16.94	200	178296	35.219	ng	95
70) Pentachlorophenol	17.14	266	222424	62.868	ng	97
71) Phenanthrene	17.54	178	777202	31.969	ng	98
72) Anthracene	17.63	178	807016	33.658	ng	100
73) Carbazole	17.90	167	704006	34.219	ng	98
74) Di-n-butylphthalate	18.43	149	817663	31.977	ng	98
75) Fluoranthene	19.54	202	1042440	34.716	ng	99
77) Benzidine	19.72	184	311966	26.550	ng	96
78) Pyrene	19.90	202	1039680	32.471	ng	100
80) Butylbenzylphthalate	20.77	149	387852	31.127	ng	100
81) Benzo(a)anthracene	21.75	228	1012687	30.887	ng	100
82) 3,3'-Dichlorobenzidine	21.67	252	247398	21.453	ng	100
83) Chrysene	21.83	228	989053	31.523	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	538092	30.677	ng	97
85) Di-n-octyl phthalate	22.87	149	904300	30.955	ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1165571	30.326	ng	# 99
88) Benzo(b)fluoranthene	24.05	252	1045420	33.007	ng	99
89) Benzo(k)fluoranthene	24.12	252	985852	31.455	ng	98
90) Benzo(a)pyrene	24.96	252	998115	33.031	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	955932	31.660	ng	97
92) Benzo(g,h,i)perylene	30.16	276	944699	32.205	ng	98

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

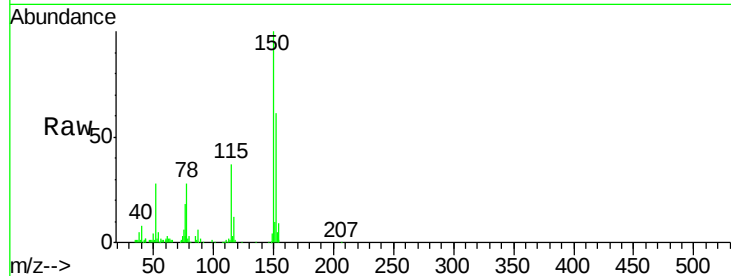


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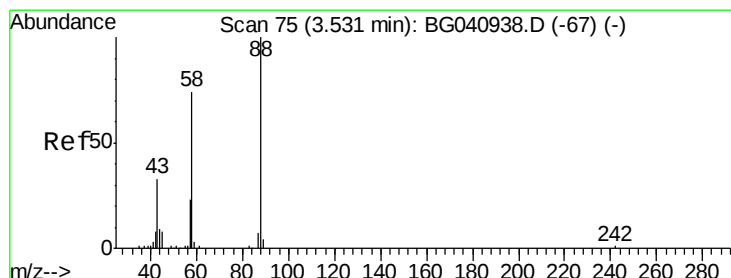
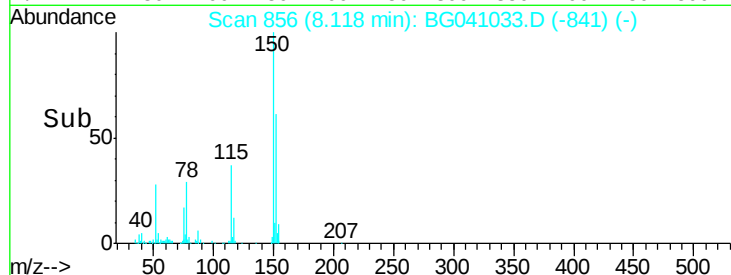
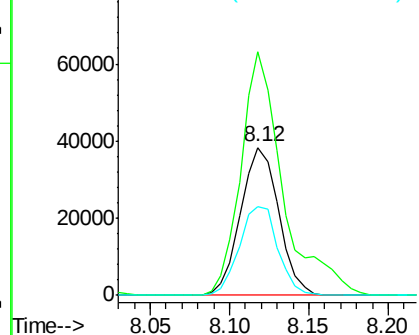
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:152 Resp: 64219
Ion Ratio Lower Upper
152 100
150 164.7 120.6 180.8
115 60.3 45.1 67.7



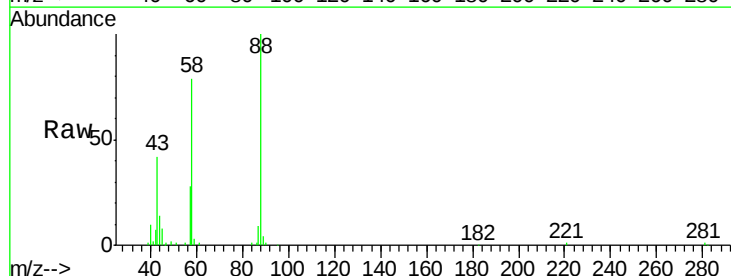
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



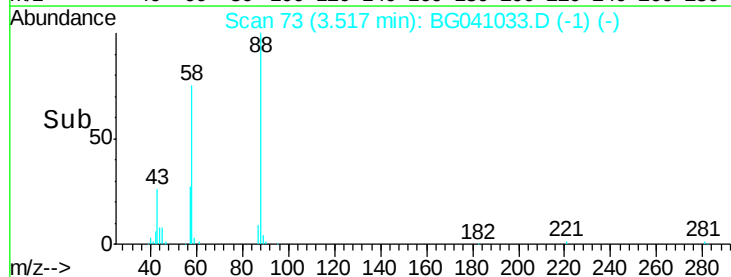
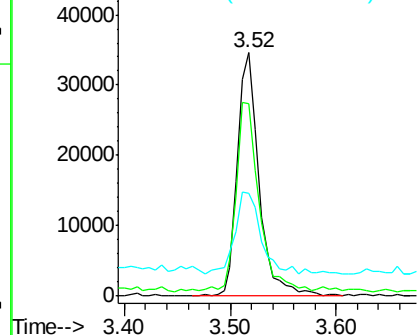
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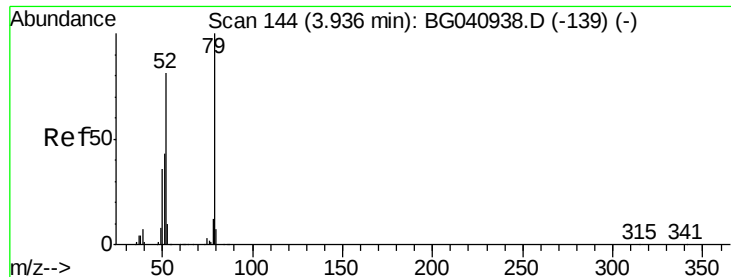
1,4-Dioxane
Concen: 30.221 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion: 88 Resp: 48839
Ion Ratio Lower Upper
88 100
58 83.5 59.0 88.6
43 40.2 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: 28.204 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

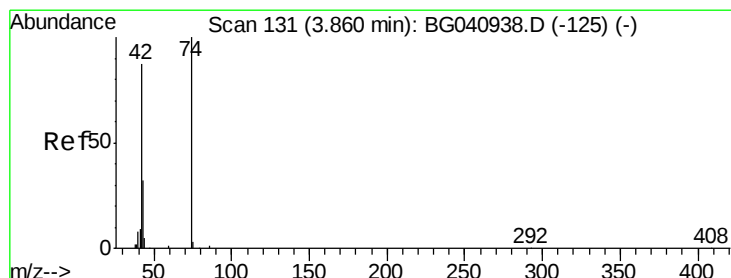
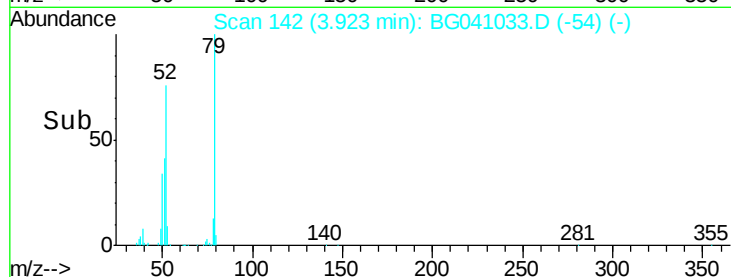
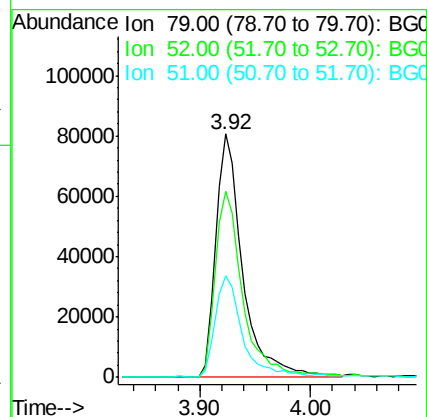
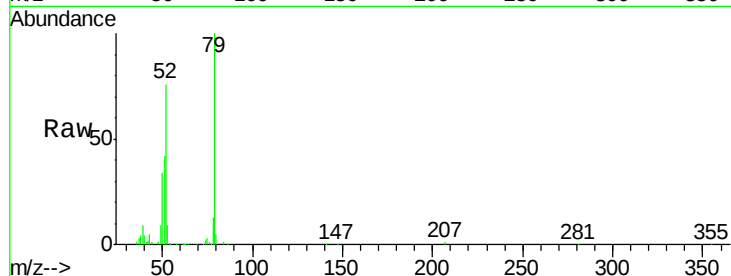
Tot Ion: 79 Resp: 134871

Ion Ratio Lower Upper

79 100

52 76.3 64.8 97.2

51 41.6 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 33.841 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

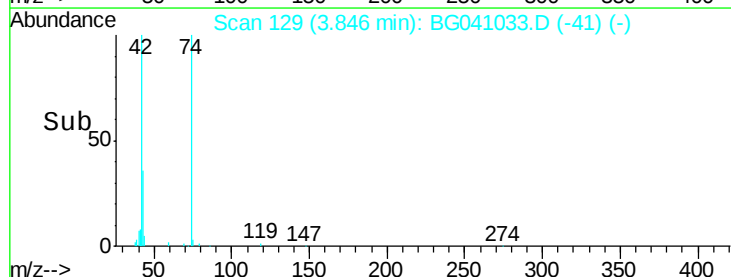
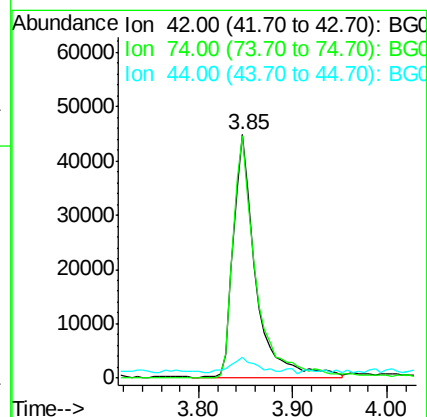
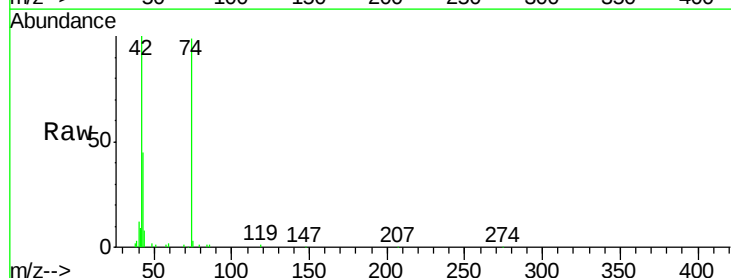
Tgt Ion: 42 Resp: 75104

Ion Ratio Lower Upper

42 100

74 99.3 91.8 137.6

44 8.5 6.0 9.0





#5

2-Fluorophenol

Concen: 134.711 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

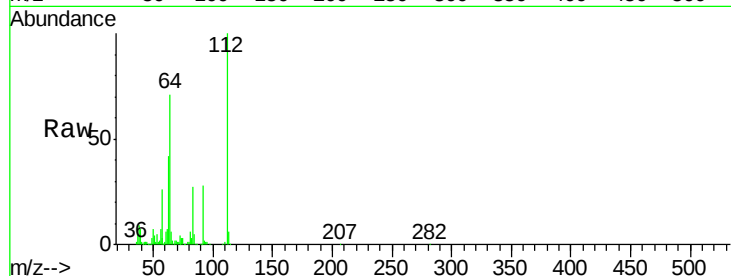
Tot Ion:112 Resp: 479757

Ion Ratio Lower Upper

112 100

64 71.2 56.2 84.2

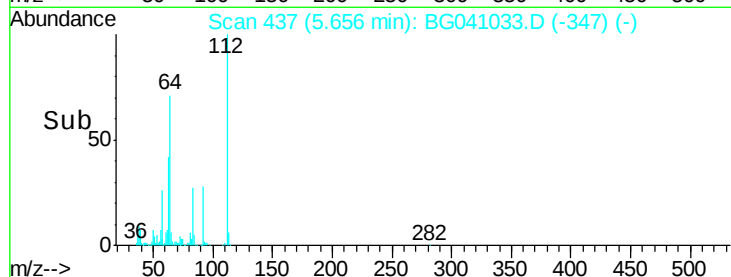
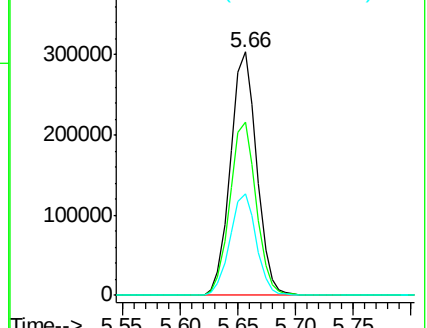
63 41.6 32.8 49.2



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: 17.799 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

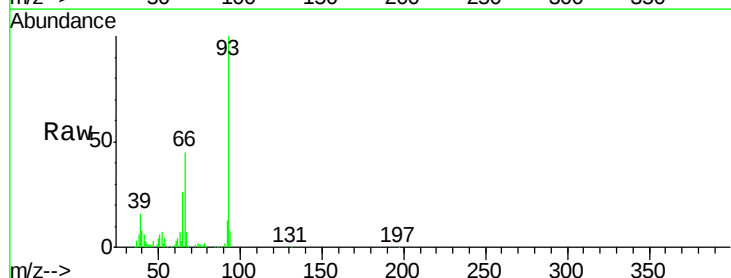
Tgt Ion: 93 Resp: 130671

Ion Ratio Lower Upper

93 100

66 45.2 33.8 50.8

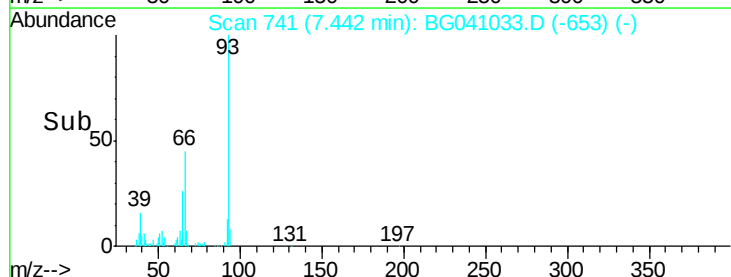
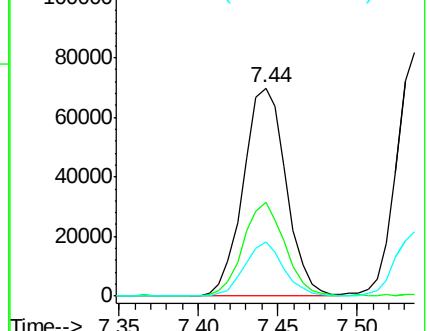
65 25.8 18.3 27.5

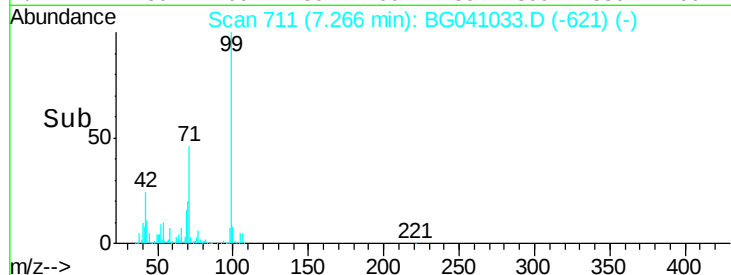
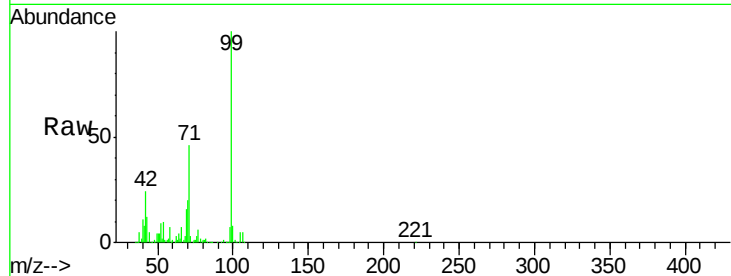
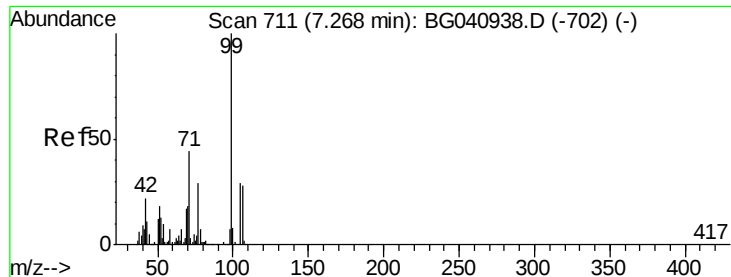


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.486 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

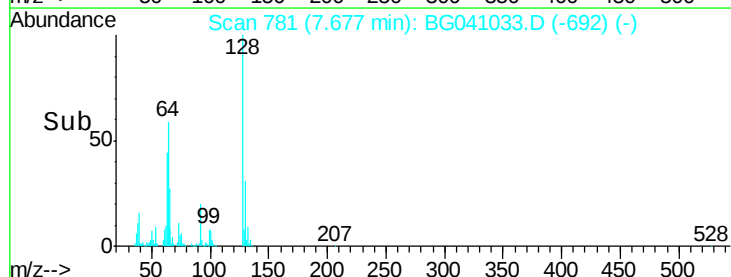
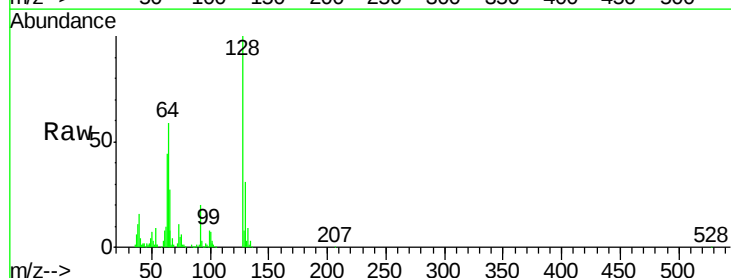
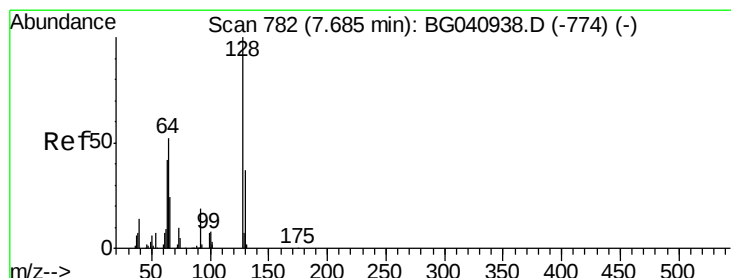
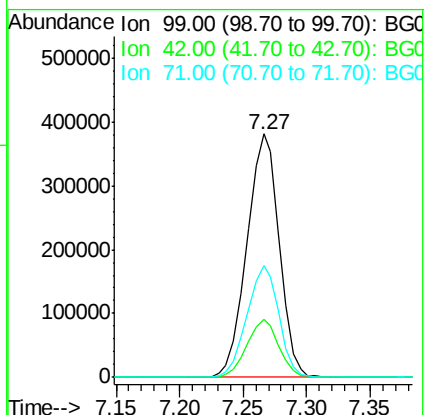
Tot Ion: 99 Resp: 673694

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

71 45.8 35.4 53.0



#8

2-Chlorophenol

Concen: 32.063 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

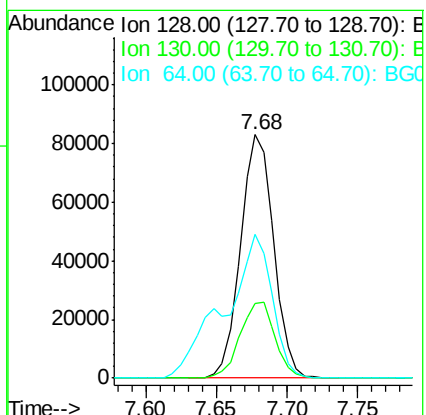
Tgt Ion: 128 Resp: 136133

Ion Ratio Lower Upper

128 100

130 30.9 16.6 56.6

64 58.9 37.8 77.8





#9

Benzaldehyde

Concen: 16.154 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

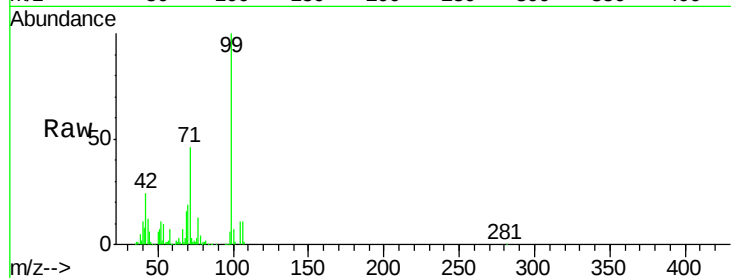
Tot Ion: 77 Resp: 53002

Ion Ratio Lower Upper

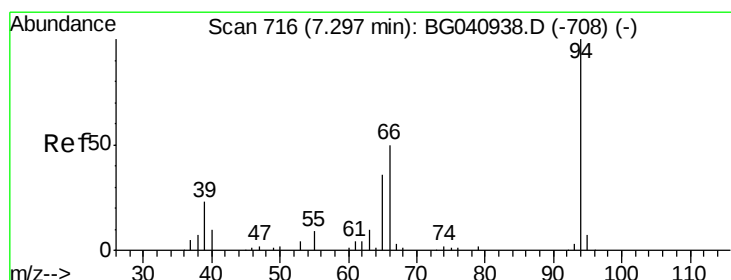
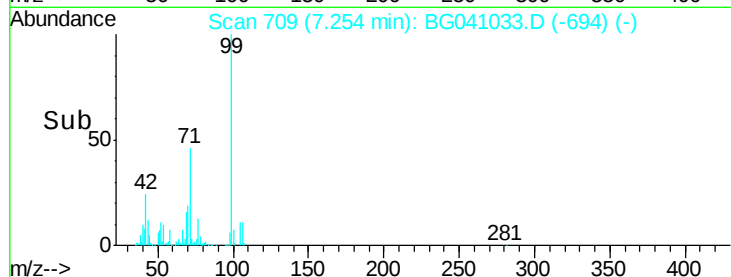
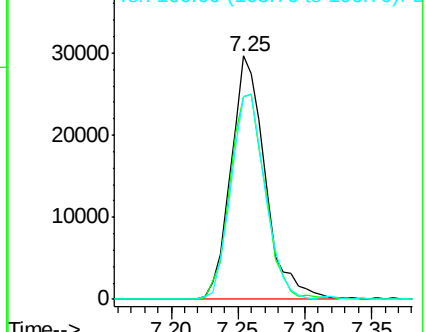
77 100

105 83.4 78.9 118.9

106 83.0 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.963 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

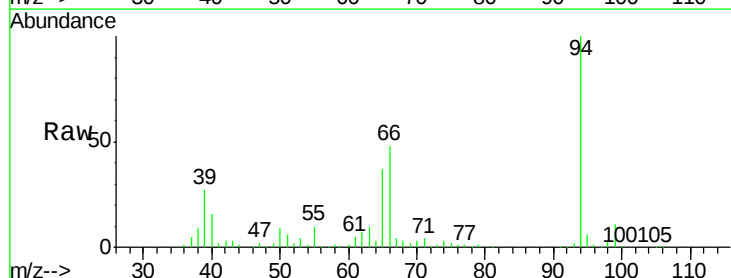
Tgt Ion: 94 Resp: 182596

Ion Ratio Lower Upper

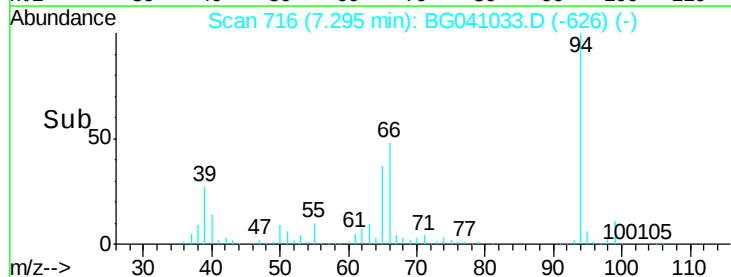
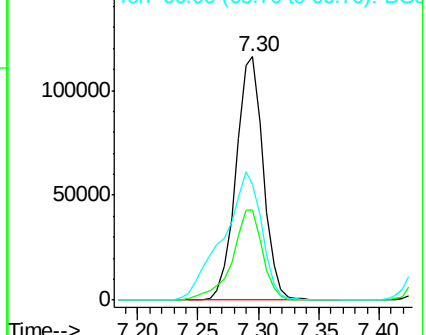
94 100

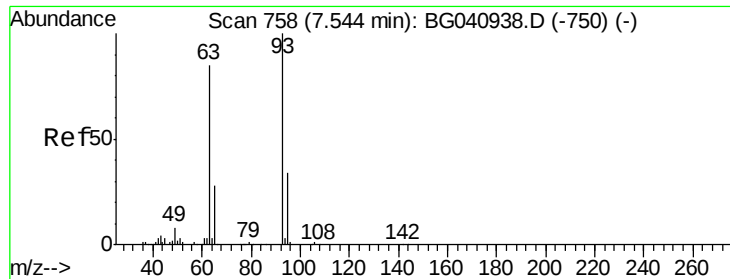
65 36.7 17.0 57.0

66 47.7 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

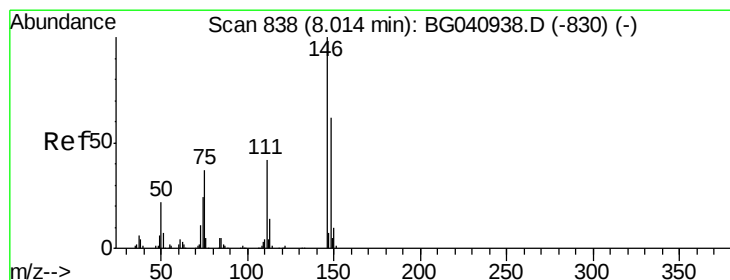
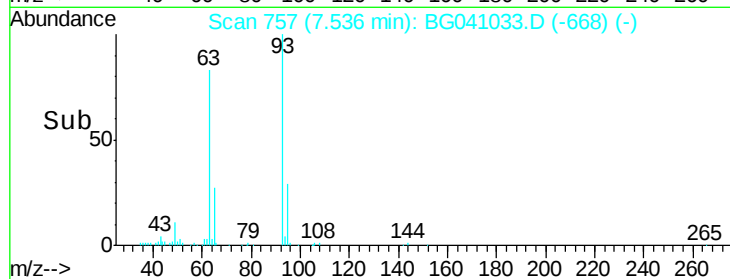
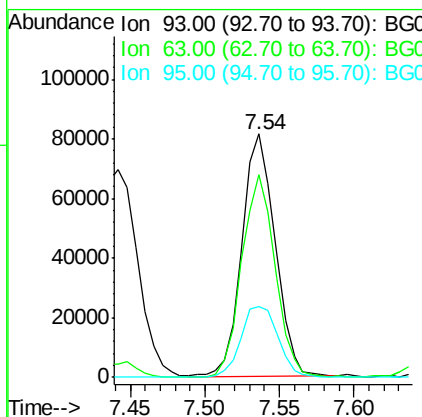
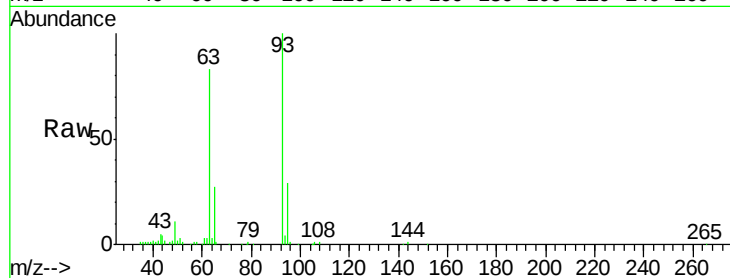




#11
bis(2-Chloroethyl)ether
Concen: 29.322 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

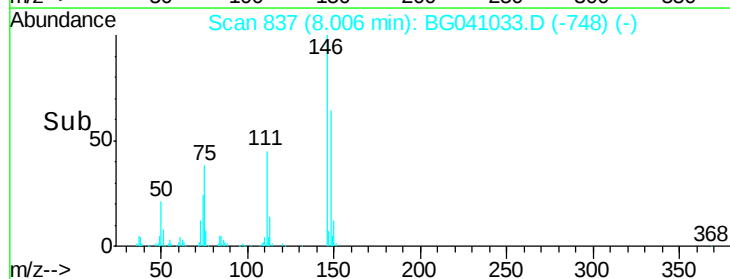
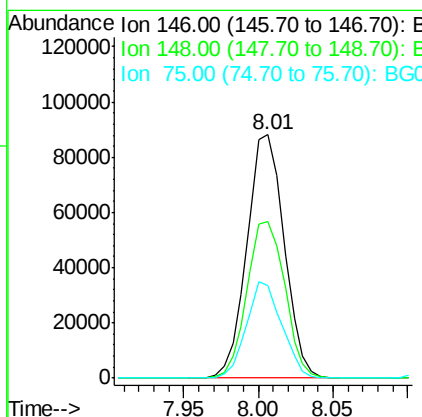
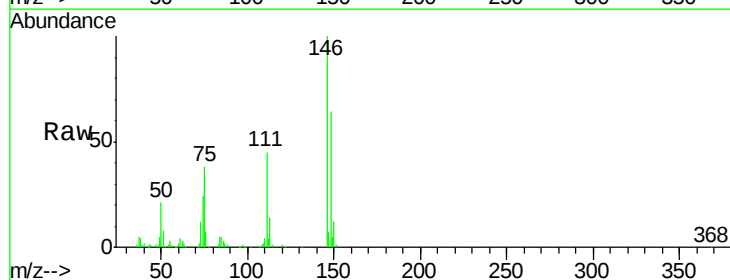
Instrument :
BNA_G
ClientSampleId :
PB120082BS

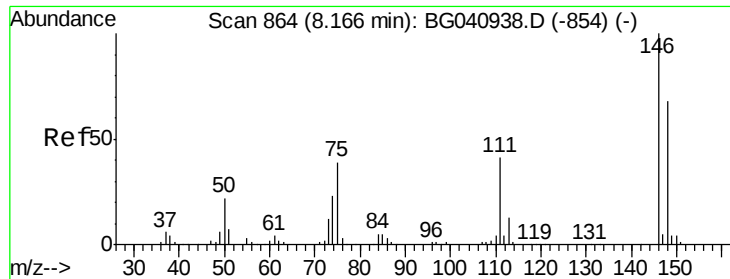
Tot Ion: 93 Resp: 125443
Ion Ratio Lower Upper
93 100
63 83.2 64.5 104.5
95 29.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 29.978 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion: 146 Resp: 152018
Ion Ratio Lower Upper
146 100
148 64.4 49.2 73.8
75 38.0 29.4 44.0

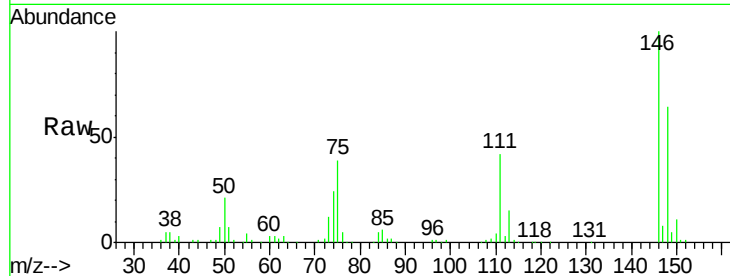




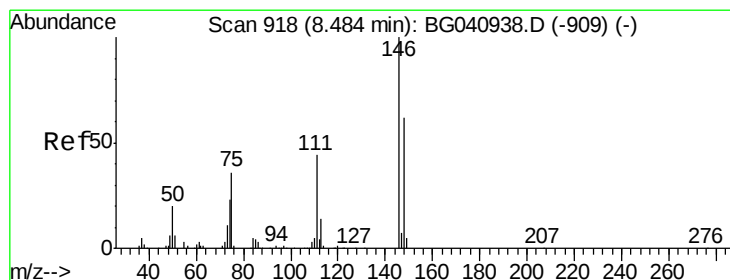
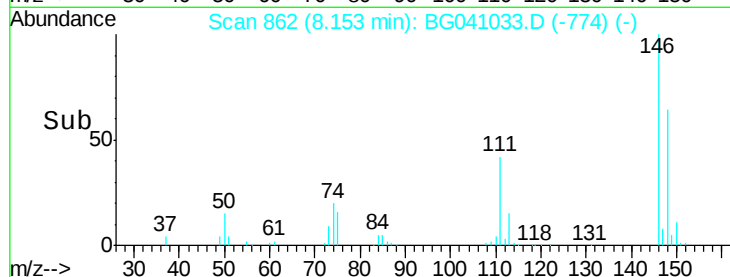
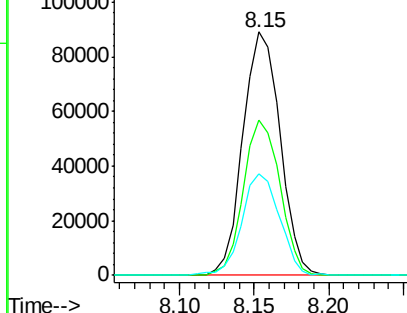
#13
 1,4-Dichlorobenzene
 Concen: 29.920 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion:146 Resp: 153580
 Ion Ratio Lower Upper
 146 100
 148 63.9 54.2 81.4
 111 41.9 32.9 49.3

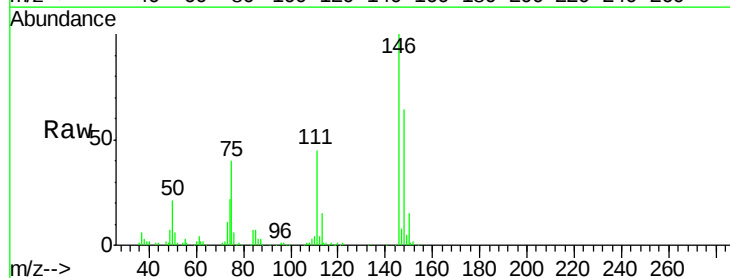


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

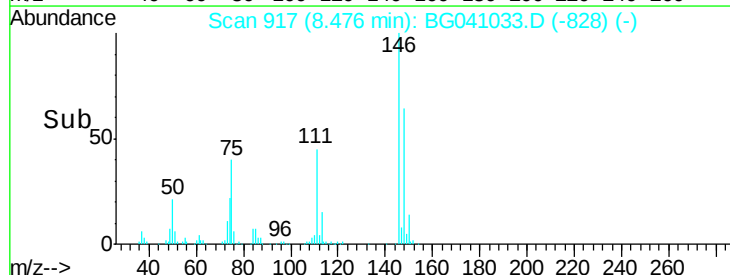
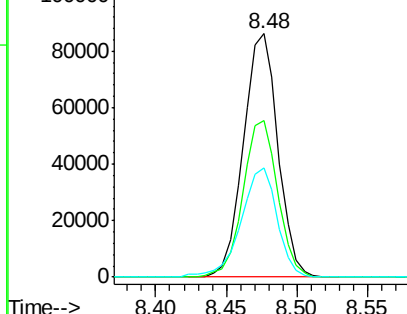


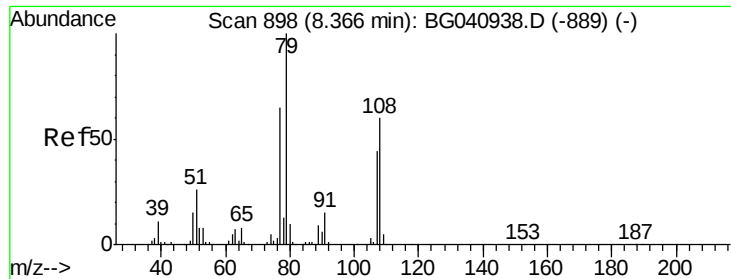
#14
 1,2-Dichlorobenzene
 Concen: 29.541 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion:146 Resp: 147230
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.8 74.6
 111 45.1 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.087 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

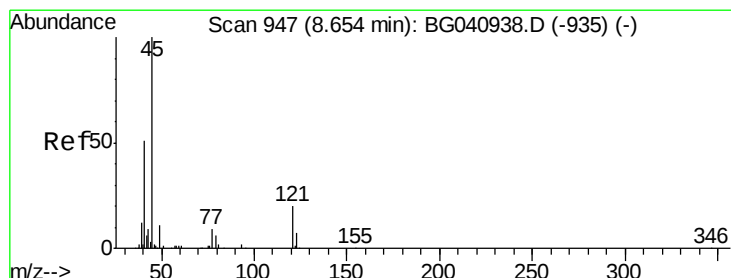
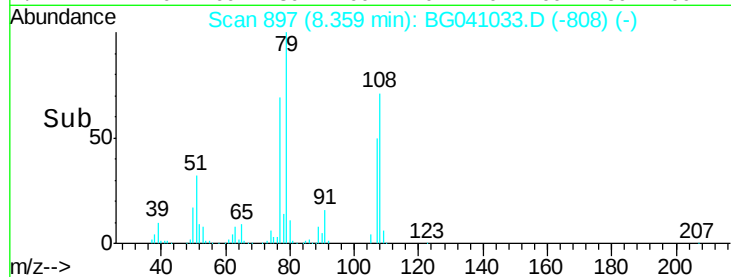
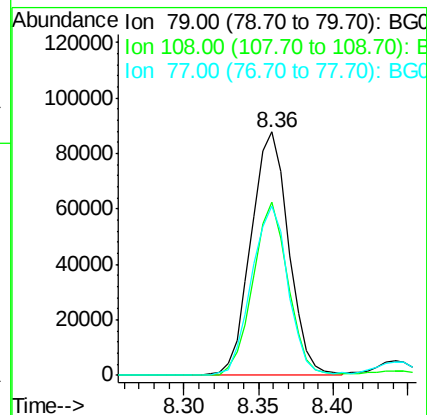
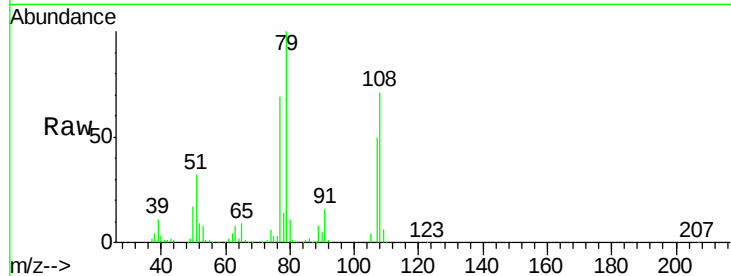
Tot Ion: 79 Resp: 153078

Ion Ratio Lower Upper

79 100

108 71.0 48.3 72.5

77 69.4 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.773 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

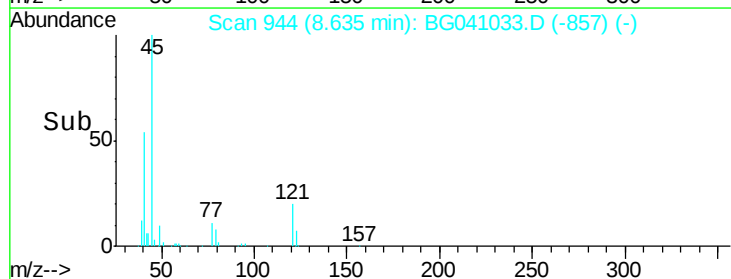
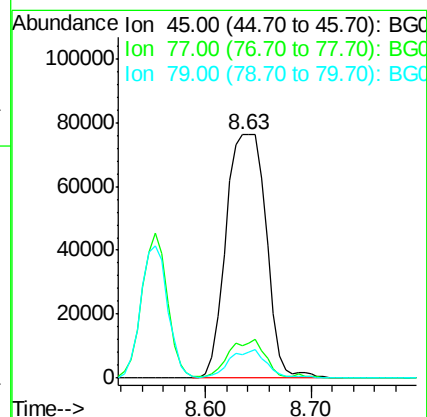
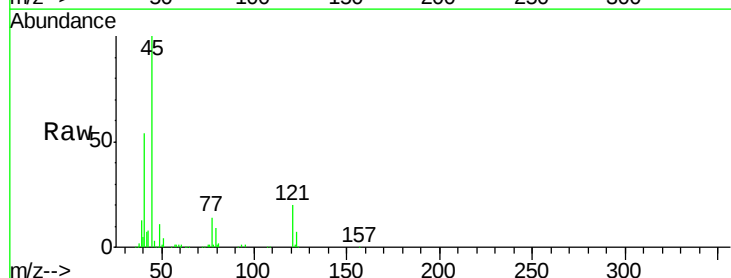
Tgt Ion: 45 Resp: 201144

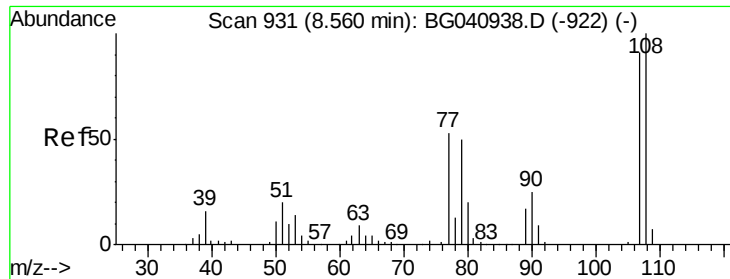
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.7

79 9.4 0.0 30.2

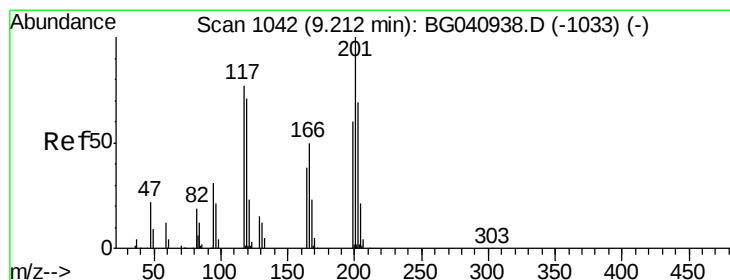
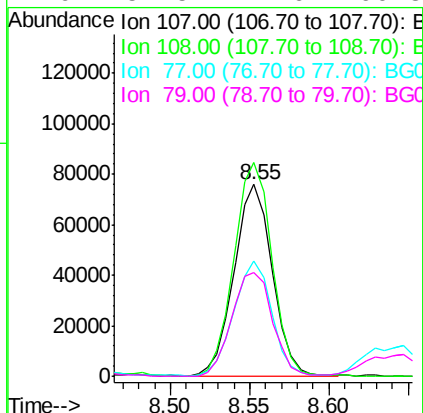
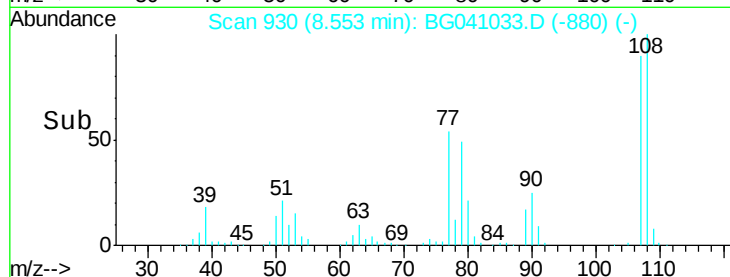
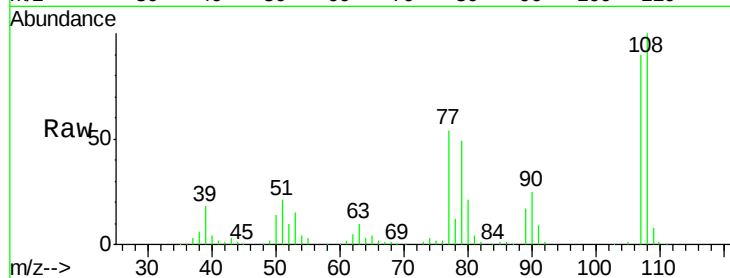




#17
2-Methylphenol
Concen: 29.789 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

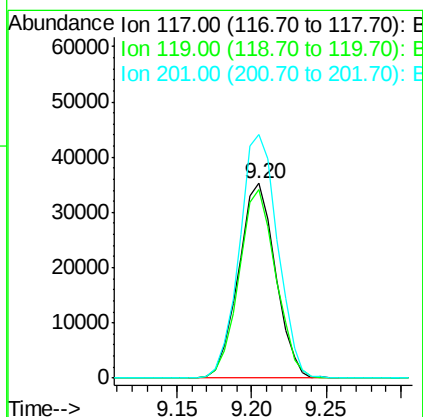
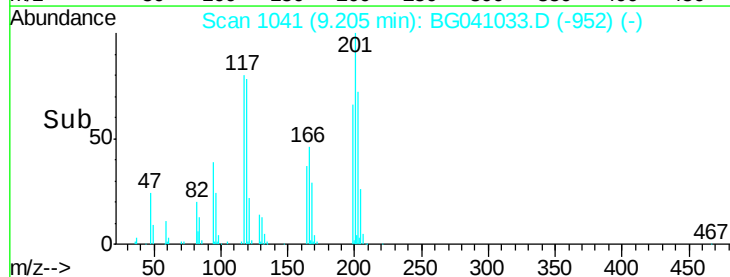
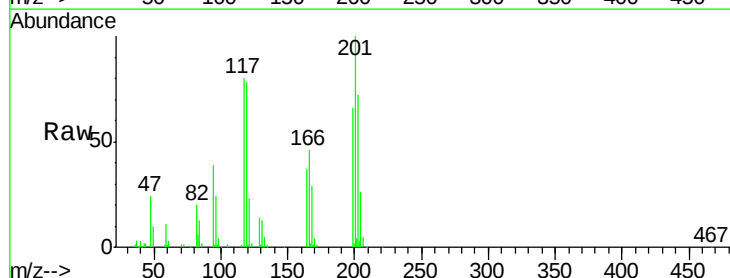
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:	107	Resp:	127198
Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.7	131.5
77	60.1	46.6	70.0
79	54.5	44.6	66.8



#18
Hexachloroethane
Concen: 30.559 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:	117	Resp:	60456
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.0	112.6
201	130.0	103.5	155.3

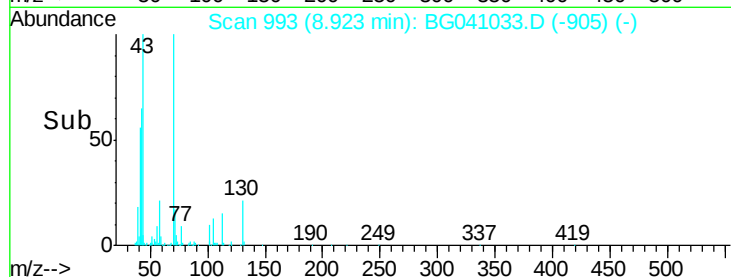
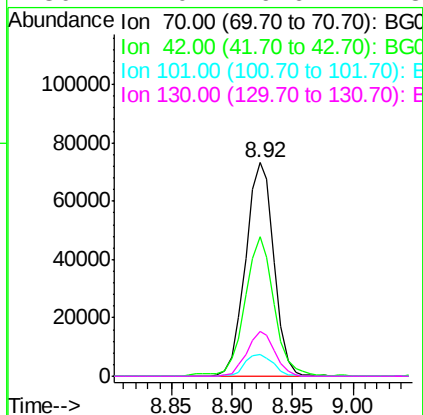
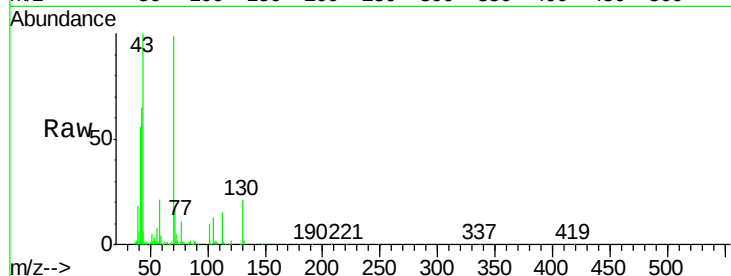




#19
n-Nitroso-di-n-propylamine
Concen: 28.192 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

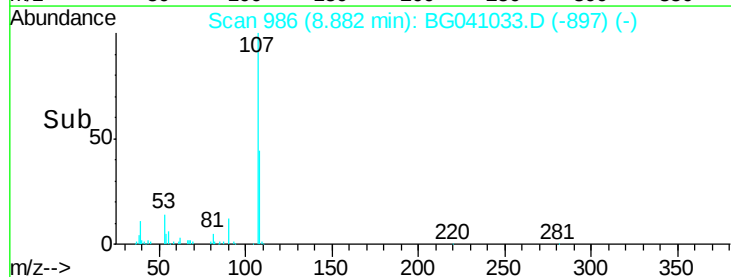
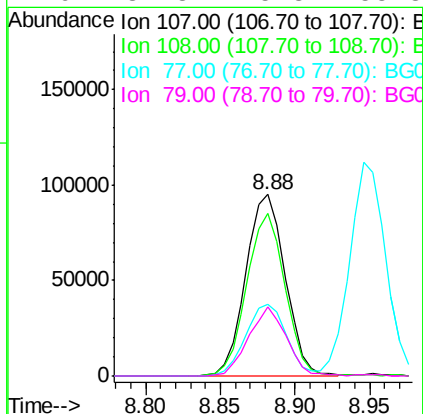
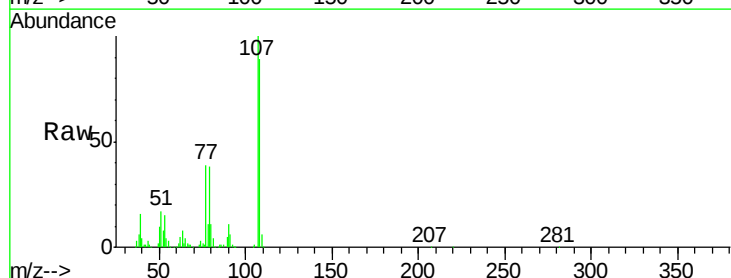
Instrument :
BNA_G
ClientSampleId :
PB120082BS

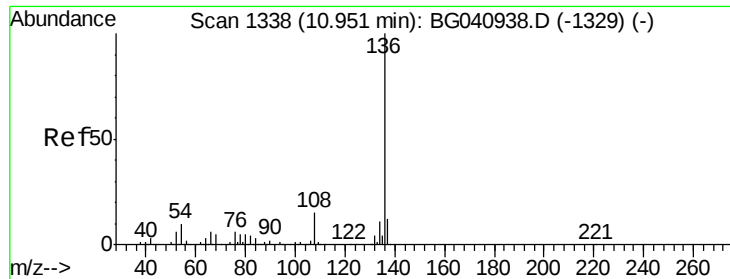
Tot Ion:	70	Resp:	119327
Ion	Ratio	Lower	Upper
70	100		
42	65.4	51.5	77.3
101	10.4	8.1	12.1
130	21.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 29.400 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:	107	Resp:	173889
Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.8	106.8
77	39.4	20.5	60.5
79	37.8	15.8	55.8

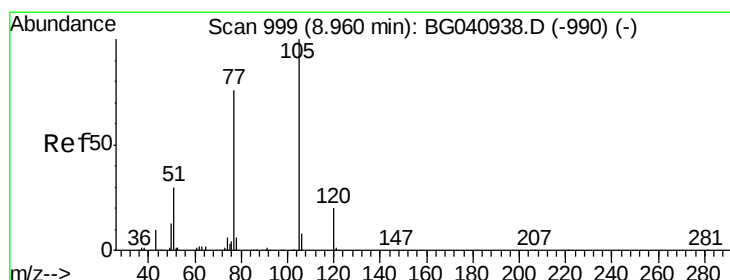
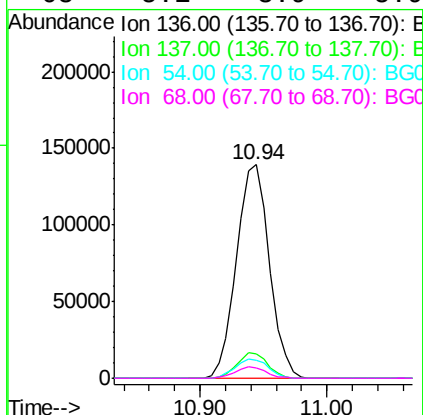
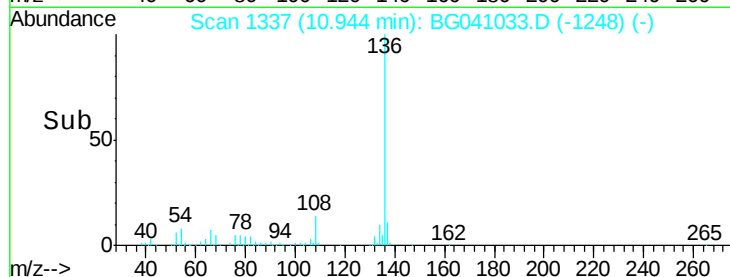
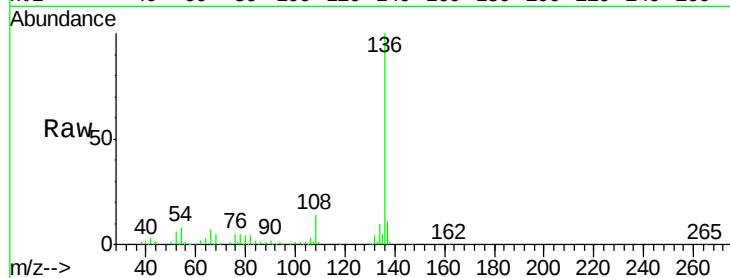




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

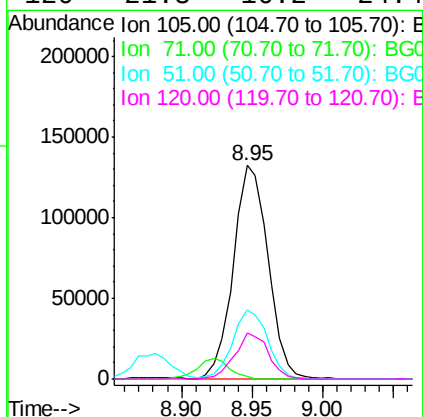
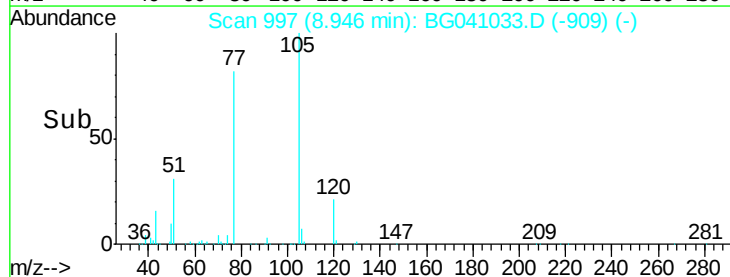
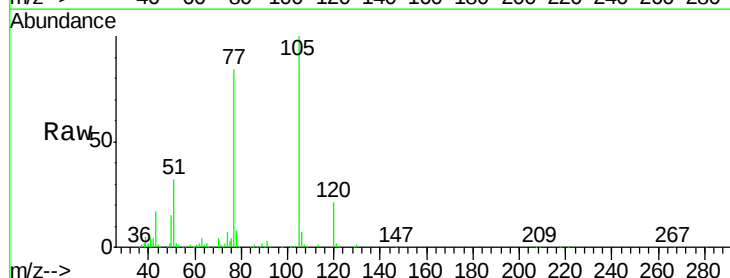
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:136	Resp:	250106
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.5 14.3
54	8.3	7.6 11.4
68	5.1	3.9 5.9



#22
Acetophenone
Concen: 32.344 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:105	Resp:	226919
Ion	Ratio	Lower Upper
105	100	
71	1.2	0.4 0.6#
51	32.2	27.0 40.6
120	21.3	16.2 24.4

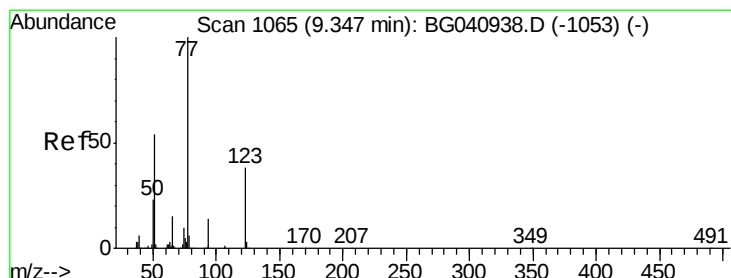
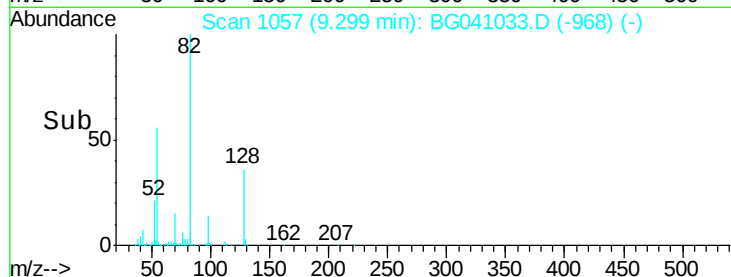
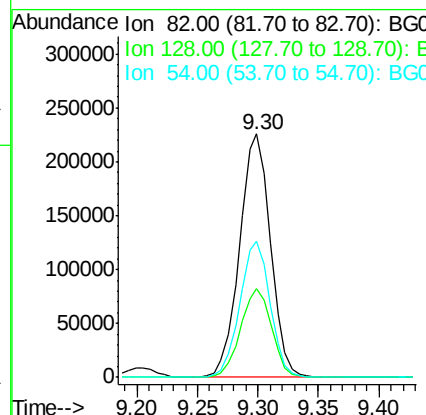
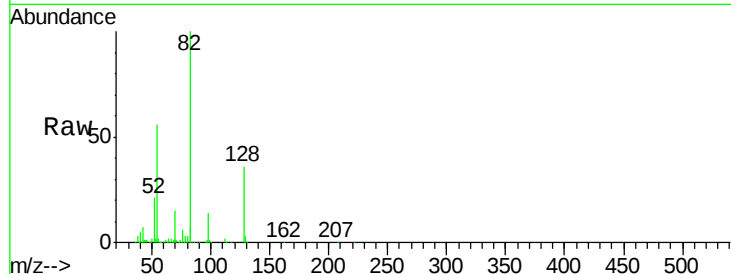




#23
 Nitrobenzene-d5
 Concen: 71.382 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

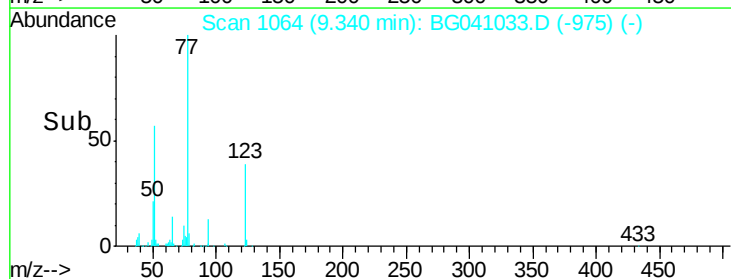
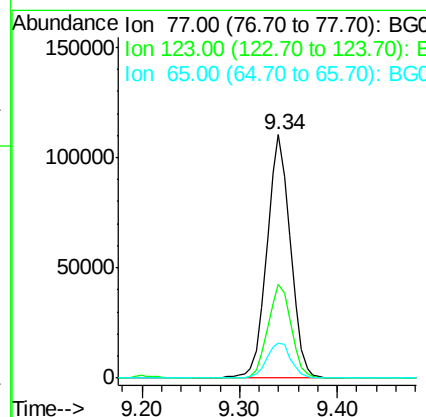
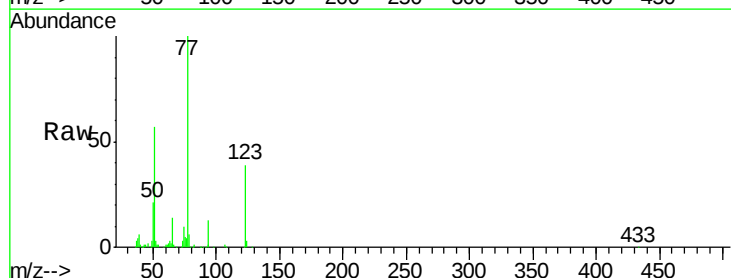
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

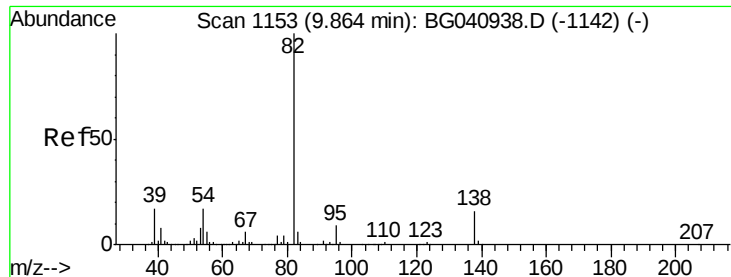
Tot Ion	82	Resp	402155
Ion Ratio	Lower	Upper	
82	100		
128	36.5	30.5	45.7
54	55.7	44.6	66.8



#24
 Nitrobenzene
 Concen: 32.571 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion	77	Resp	187000
Ion Ratio	Lower	Upper	
77	100		
123	38.7	30.6	46.0
65	14.4	12.3	18.5





#25

Isophorone

Concen: 31.485 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

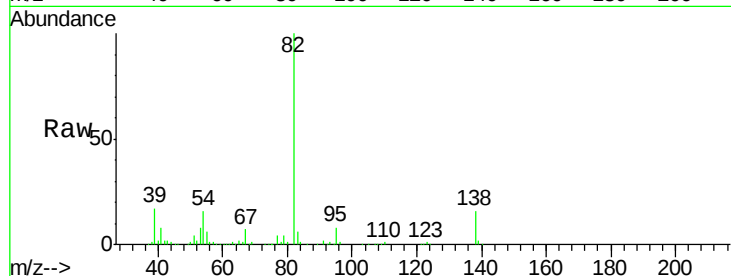
Tot Ion: 82 Resp: 337574

Ion Ratio Lower Upper

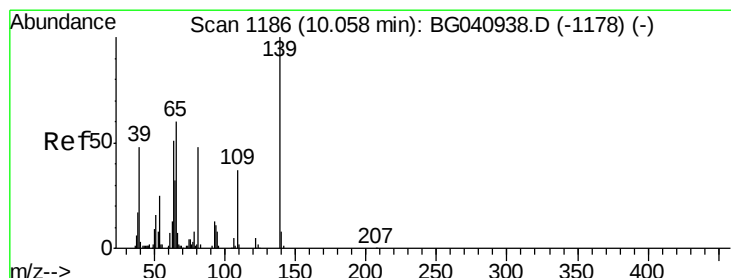
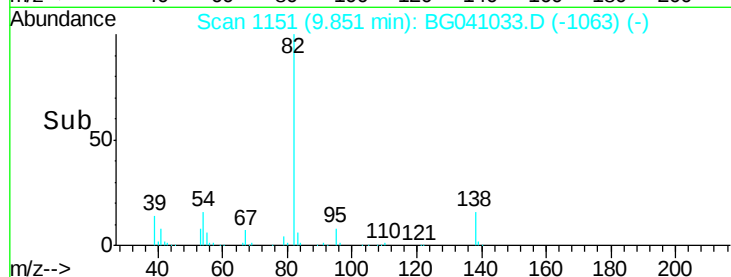
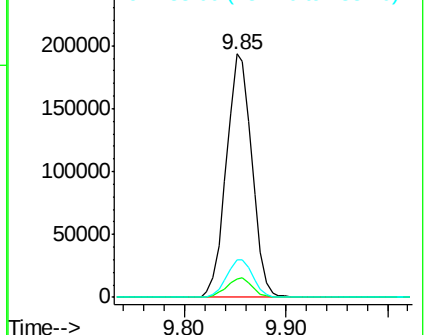
82 100

95 7.7 7.0 10.4

138 15.6 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 34.925 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

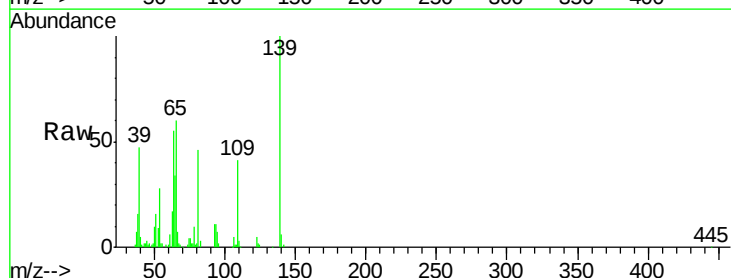
Tgt Ion: 139 Resp: 82664

Ion Ratio Lower Upper

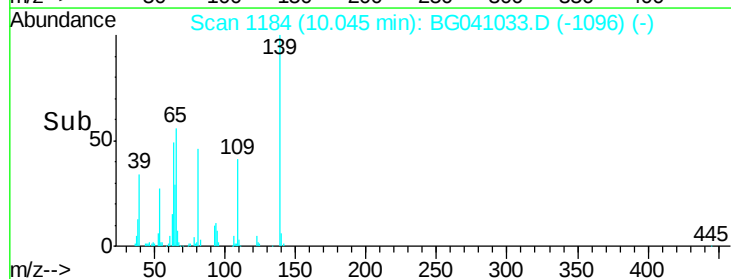
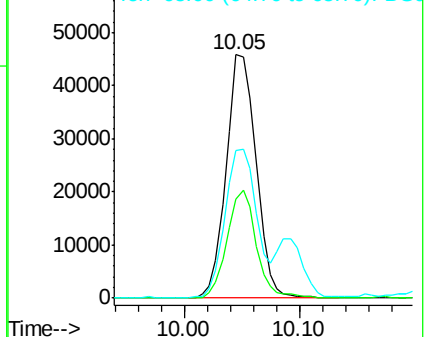
139 100

109 40.7 29.8 44.6

65 60.5 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

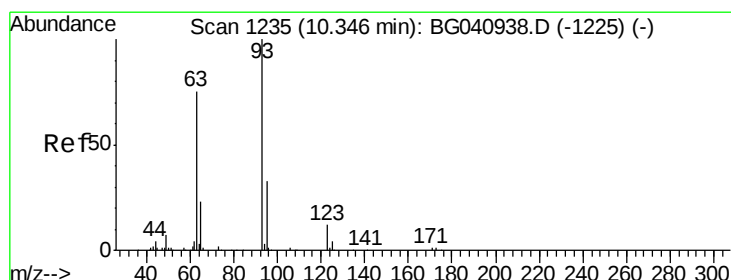
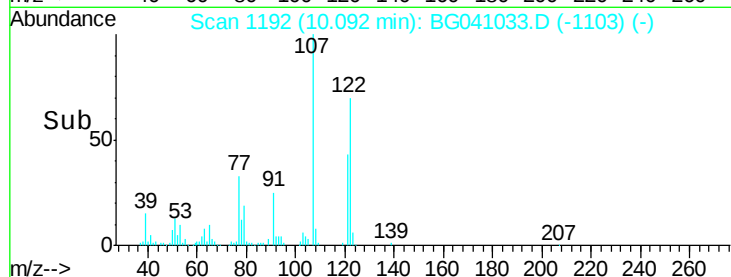
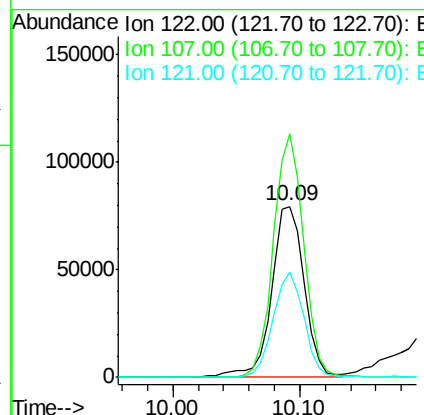
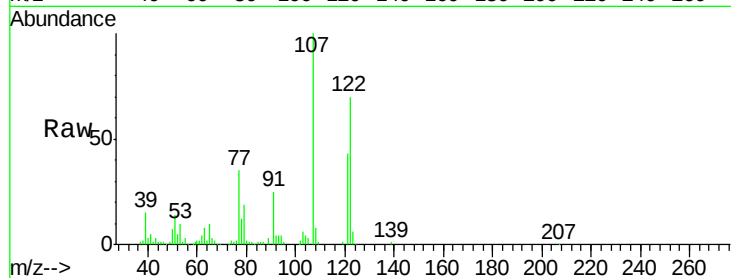




#27
2,4-Dimethylphenol
Concen: 36.404 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

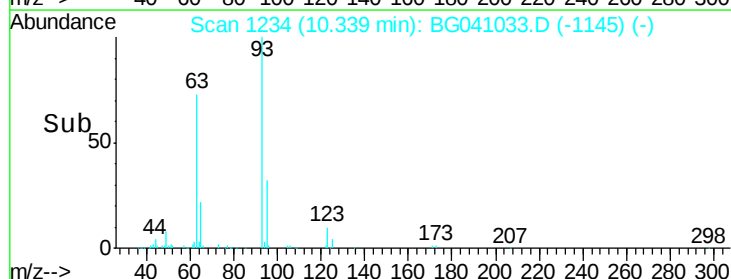
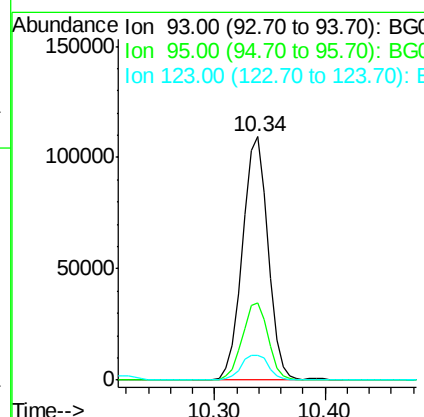
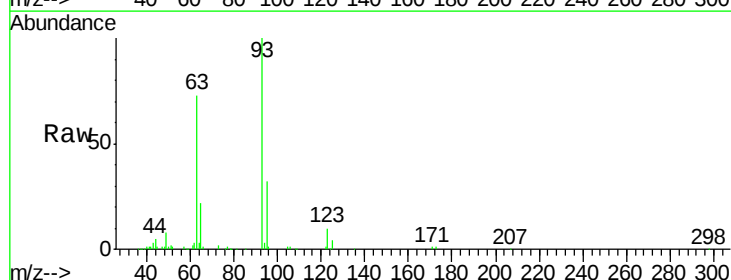
Instrument :
BNA_G
ClientSampleId :
PB120082BS

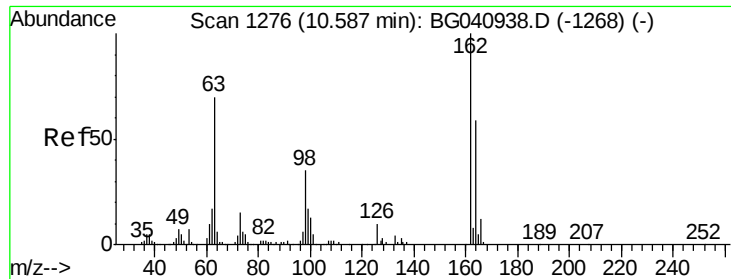
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	105.9	158.9
121	61.4	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 30.951 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	10.4	9.5	14.3

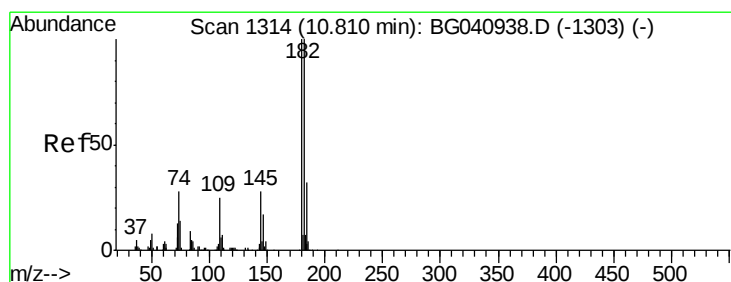
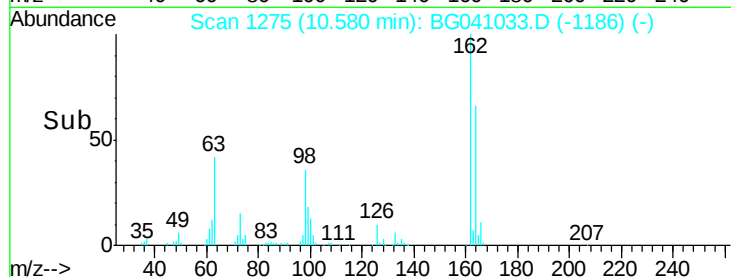
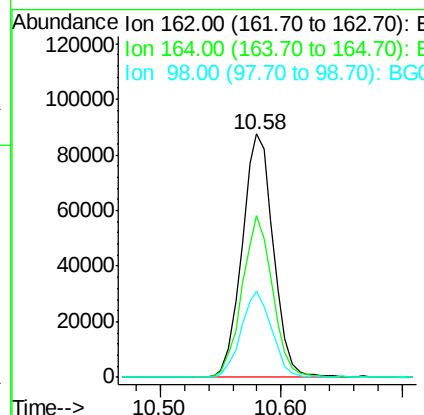
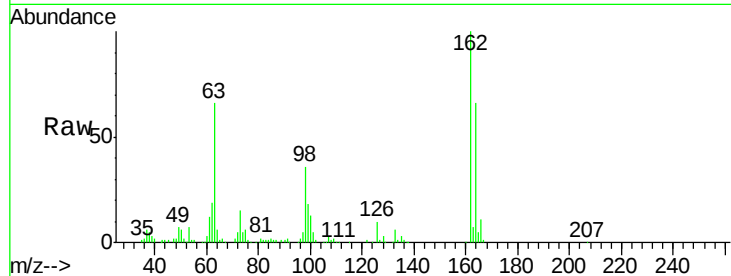




#29
 2,4-Dichlorophenol
 Concen: 31.754 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

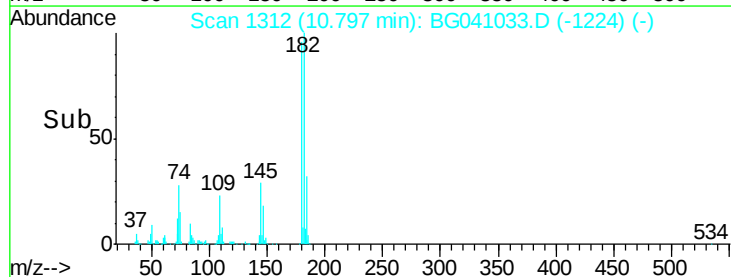
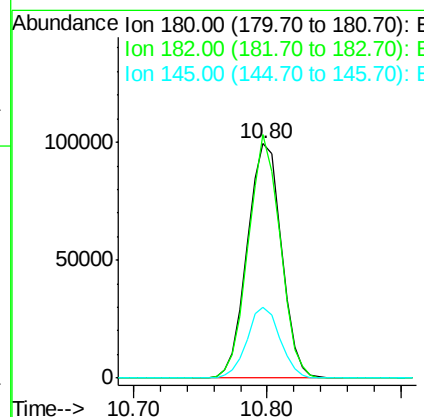
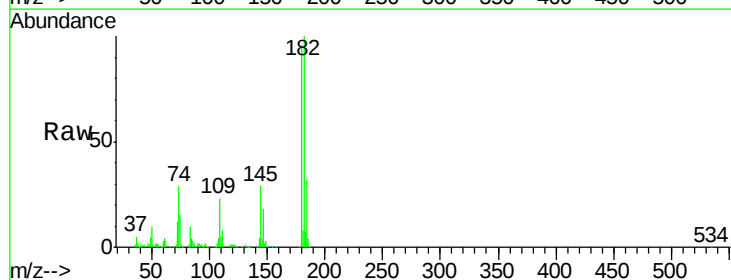
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

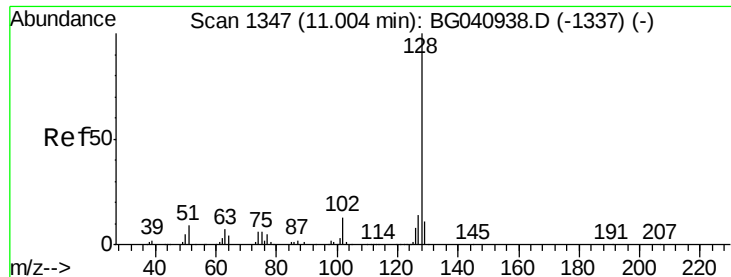
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	39.4	79.4
98	35.5	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 30.992 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.0	79.7	119.5
145	30.2	22.6	34.0

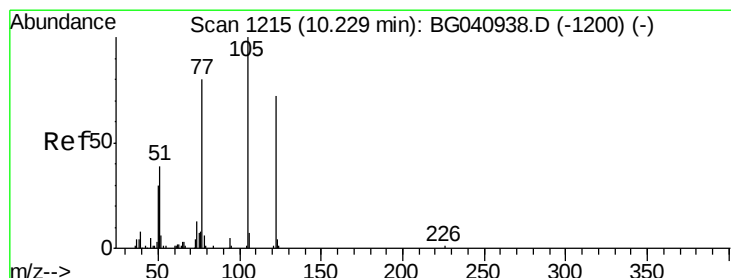
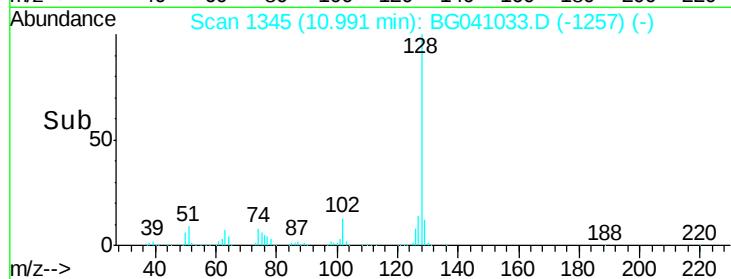
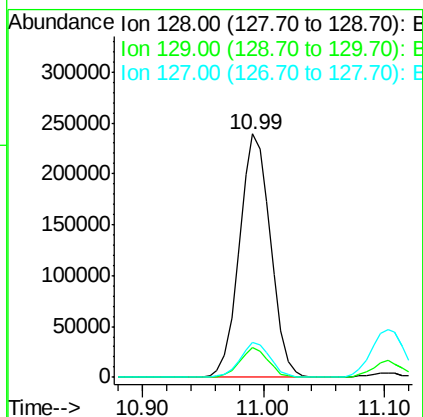
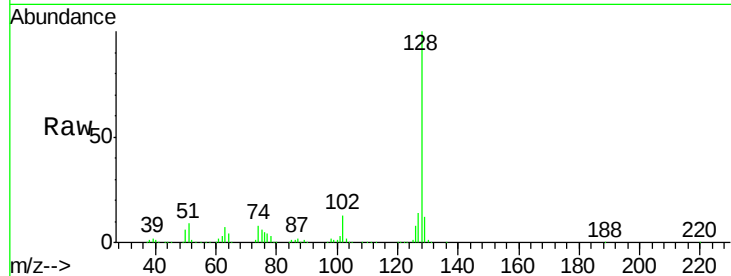




#31
Naphthalene
Concen: 31.924 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

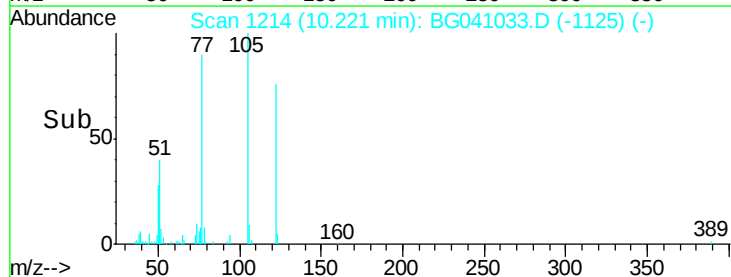
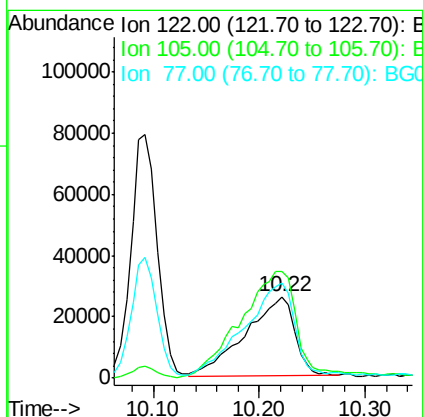
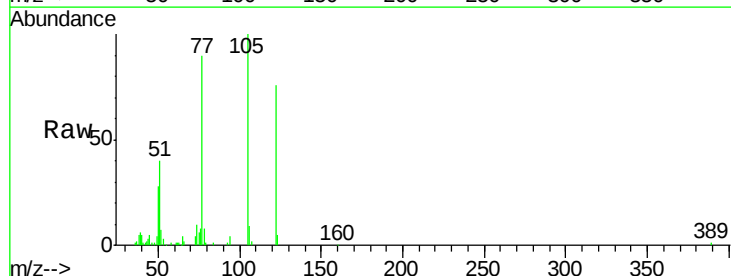
Instrument :
BNA_G
ClientSampleId :
PB120082BS

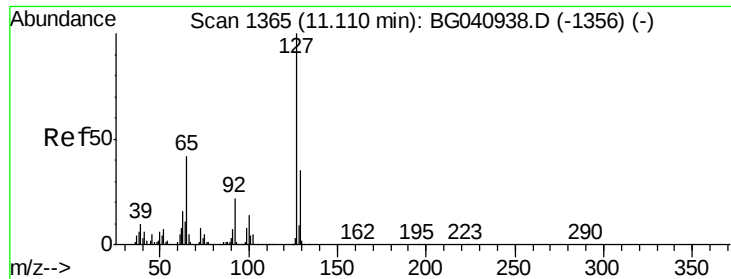
Tot Ion:128 Resp: 428683
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 31.185 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:122 Resp: 84368
Ion Ratio Lower Upper
122 100
105 131.4 114.8 154.8
77 118.0 89.9 129.9

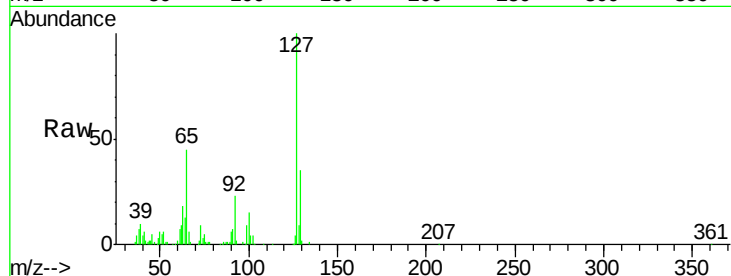




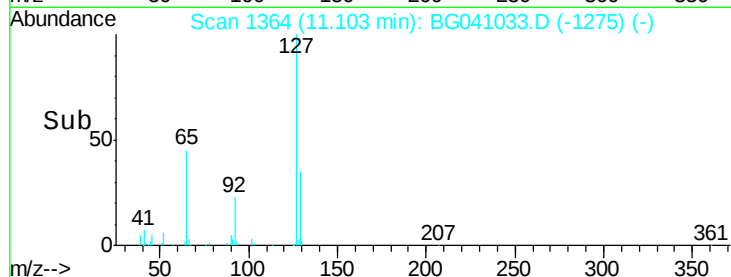
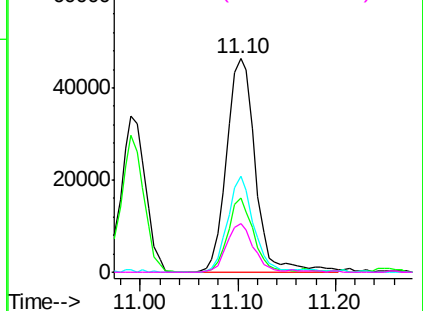
#33
4-Chloroaniline
Concen: 15.270 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:127 Resp: 95140
Ion Ratio Lower Upper
127 100
129 35.0 27.7 41.5
65 45.1 33.2 49.8
92 22.7 17.2 25.8

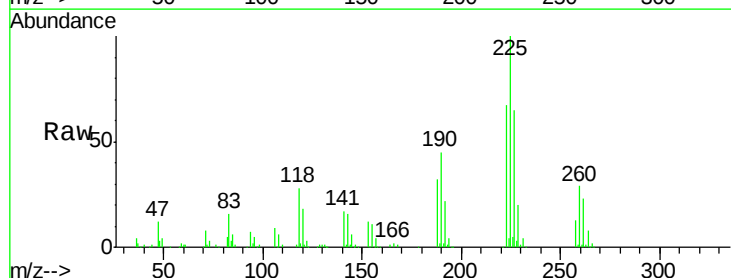


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

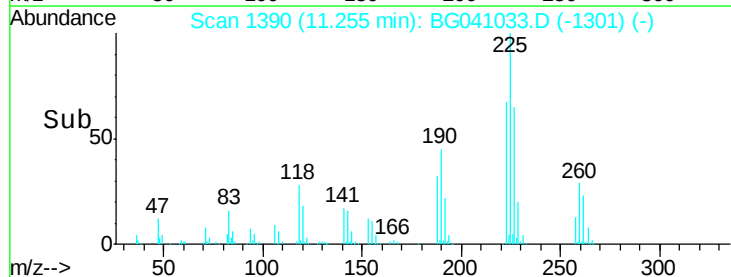
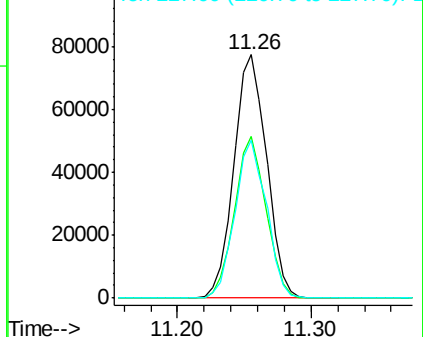


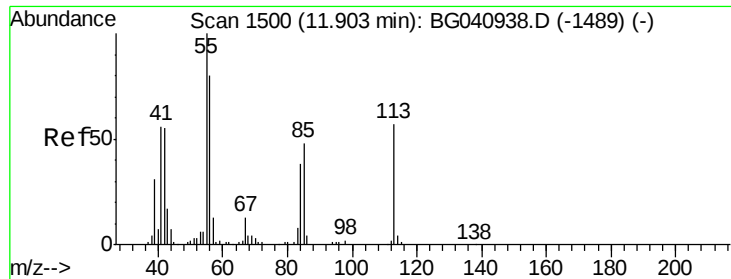
#34
Hexachlorobutadiene
Concen: 30.342 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:225 Resp: 131103
Ion Ratio Lower Upper
225 100
223 66.6 48.8 73.2
227 64.8 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: 30.282 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

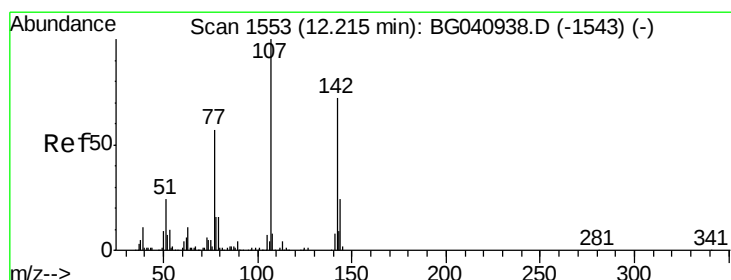
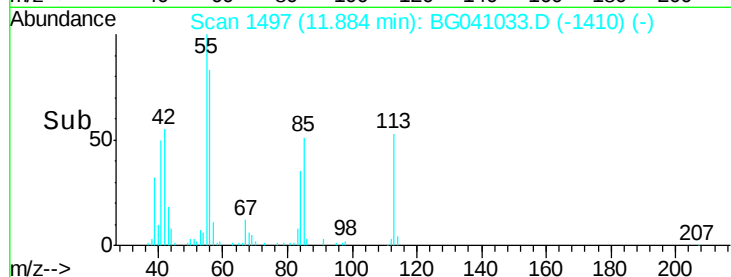
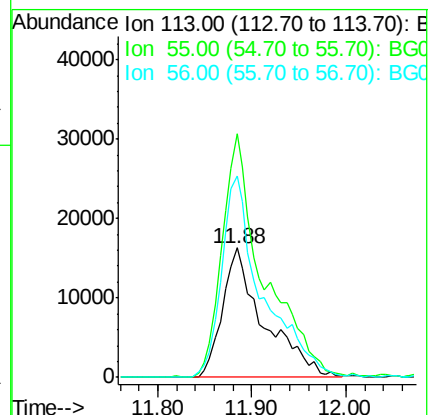
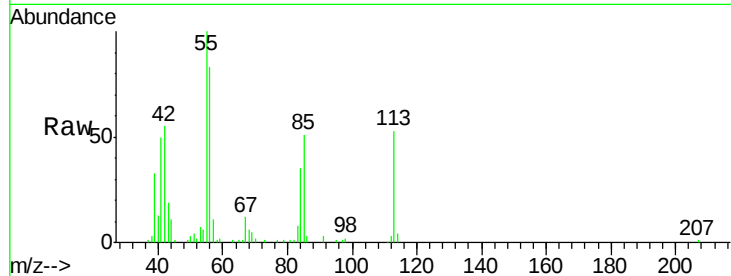
Tot Ion:113 Resp: 49640

Ion Ratio Lower Upper

113 100

55 188.2 155.9 195.9

56 155.5 119.9 159.9



#36

4-Chloro-3-methylphenol

Concen: 31.226 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

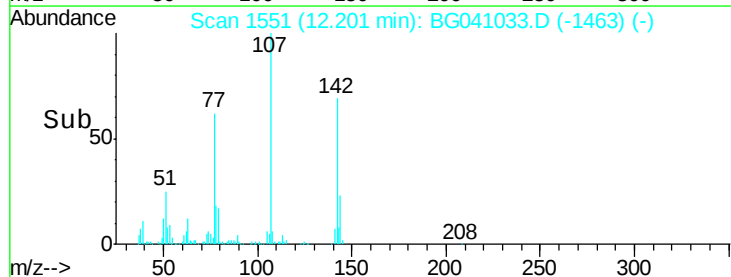
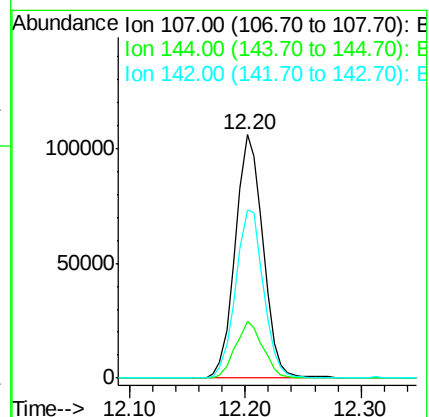
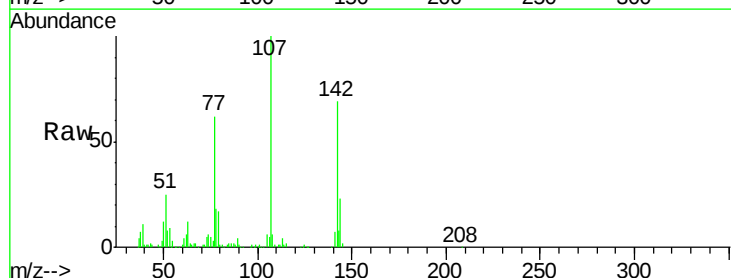
Tgt Ion:107 Resp: 177028

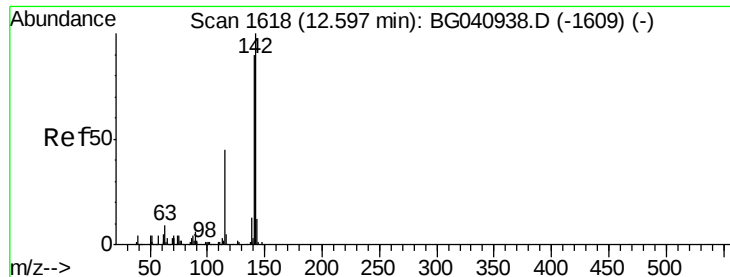
Ion Ratio Lower Upper

107 100

144 23.5 19.4 29.0

142 69.2 57.3 85.9





#37

2-Methylnaphthalene

Concen: 31.551 ng

RT: 12.58 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

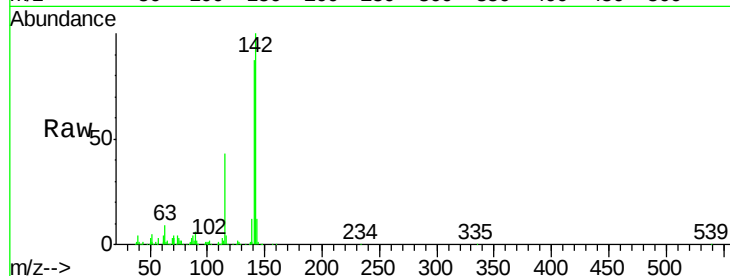
Tot Ion:142 Resp: 326308

Ion Ratio Lower Upper

142 100

141 87.3 72.2 108.4

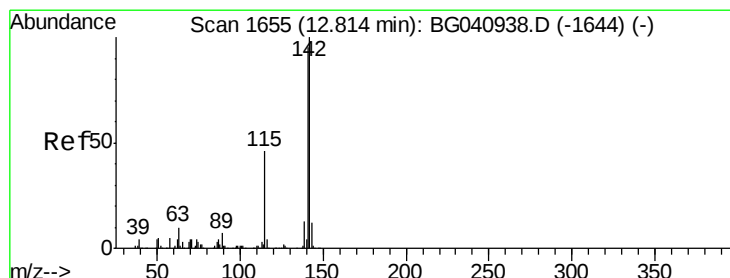
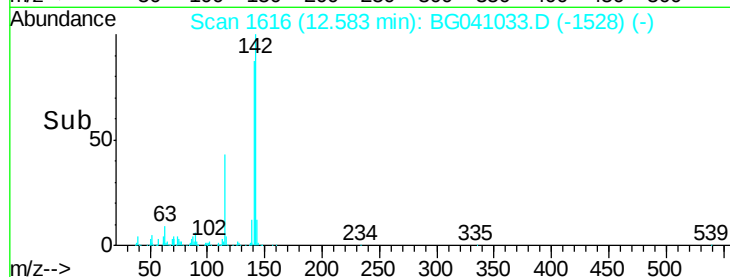
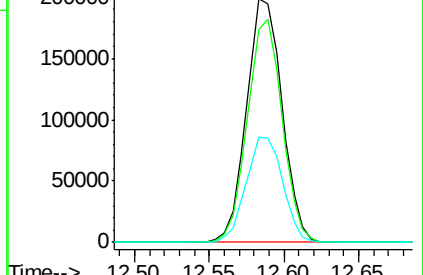
115 43.2 36.2 54.4



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: 31.641 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

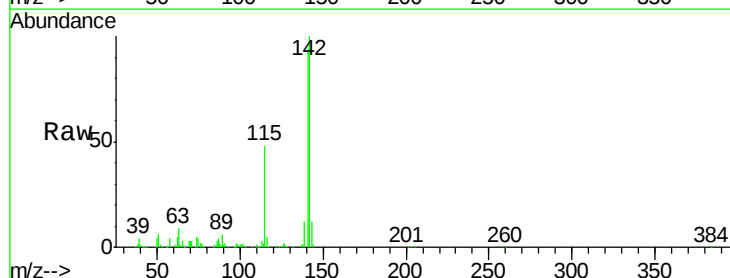
Tgt Ion:142 Resp: 308375

Ion Ratio Lower Upper

142 100

141 94.0 75.7 113.5

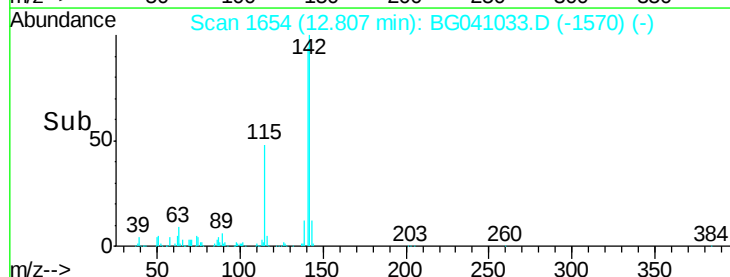
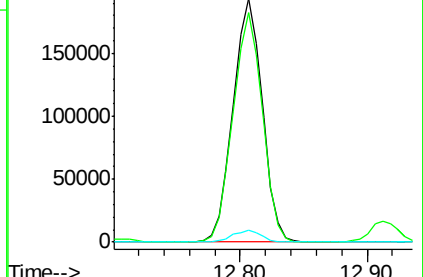
116 4.9 3.4 5.2

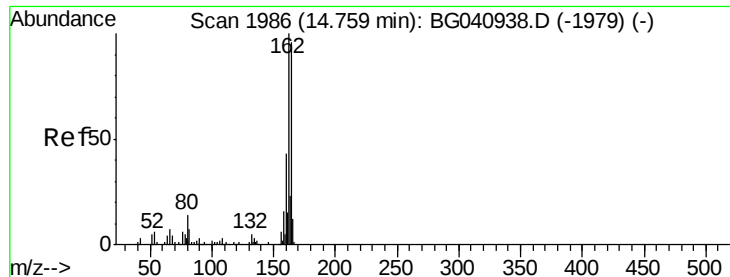


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1985

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

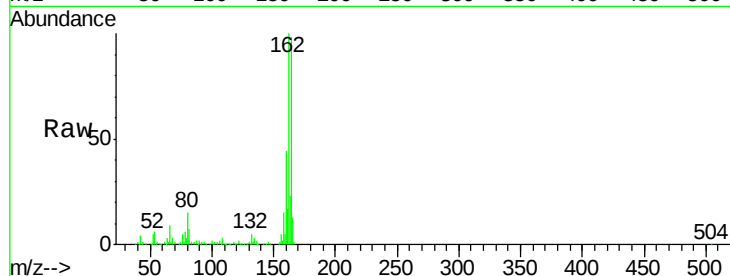
Tot Ion:164 Resp: 181873

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

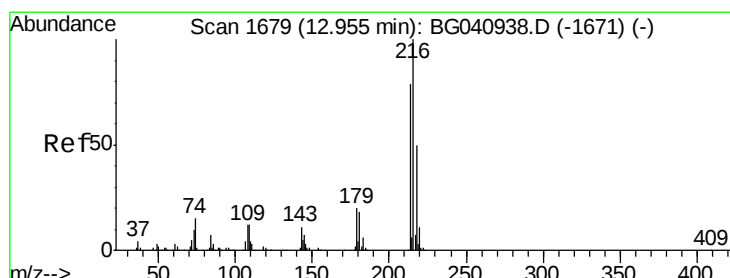
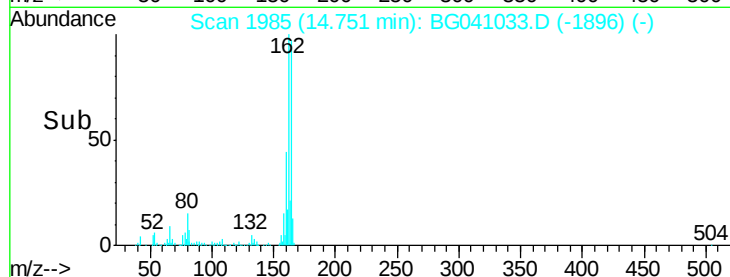
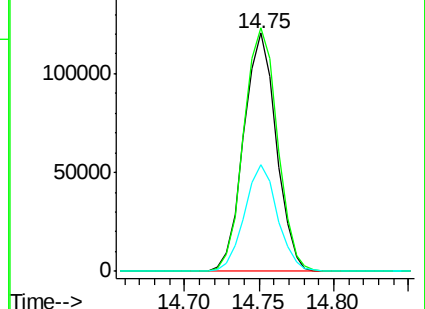
160 44.6 35.6 53.4



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: 32.200 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Tgt Ion:216 Resp: 236041

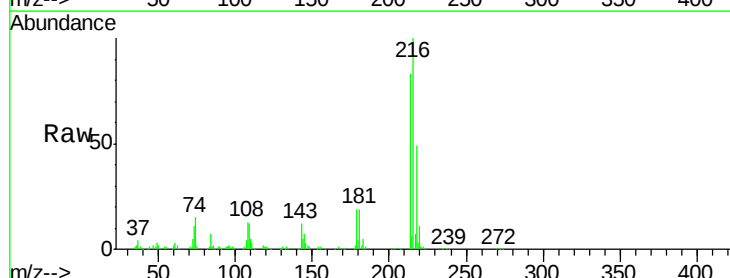
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 19.5 15.2 22.8

108 16.5 11.4 17.2

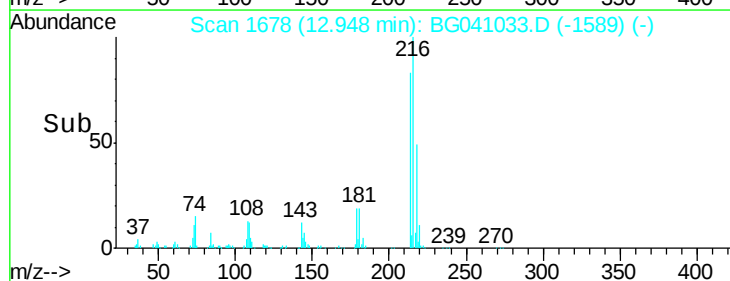
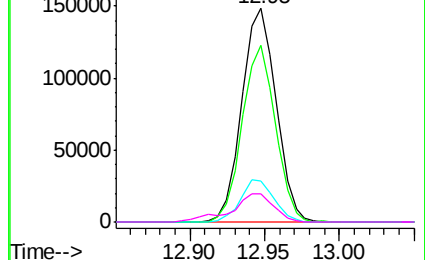


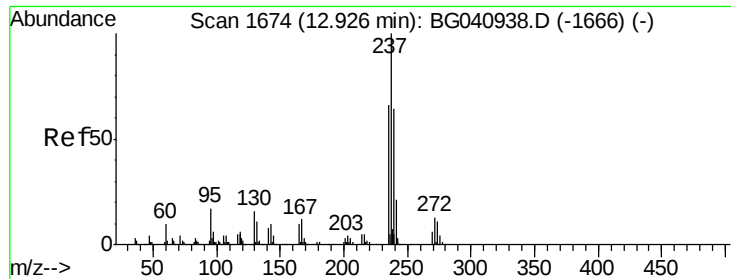
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.814 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

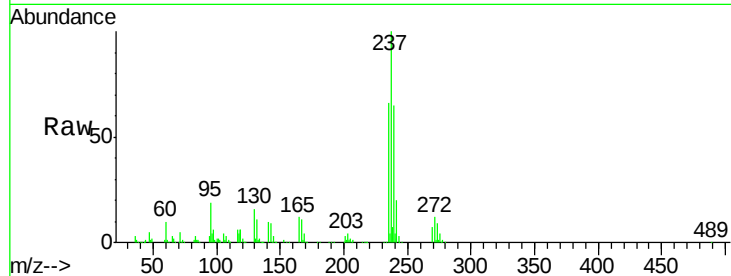
Tot Ion:237 Resp: 261709

Ion Ratio Lower Upper

237 100

235 66.0 45.5 85.5

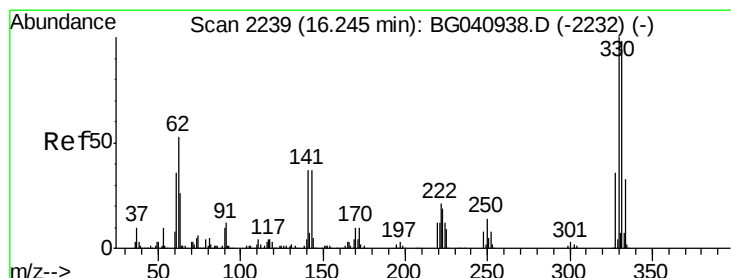
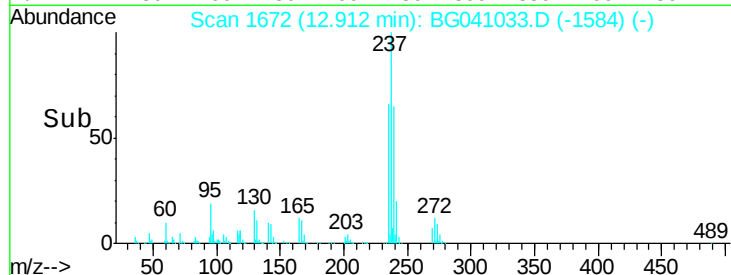
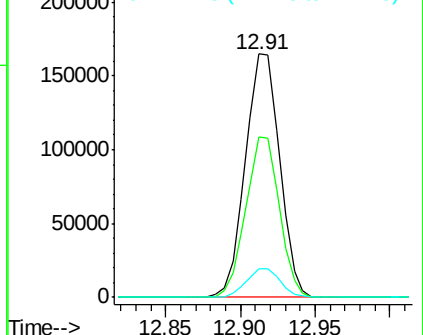
272 11.8 0.0 32.9



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: 133.692 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

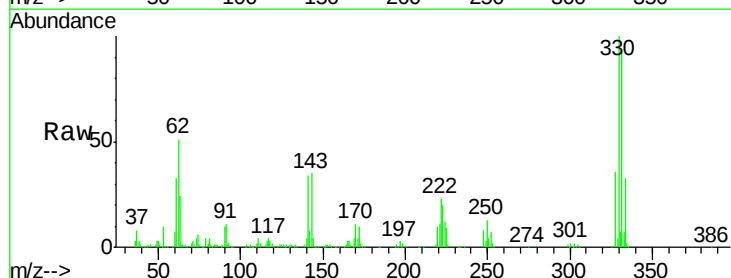
Tgt Ion:330 Resp: 360973

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

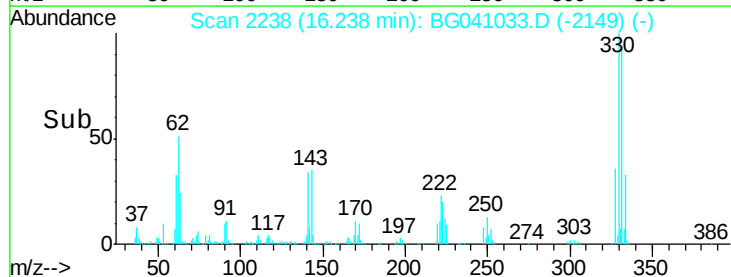
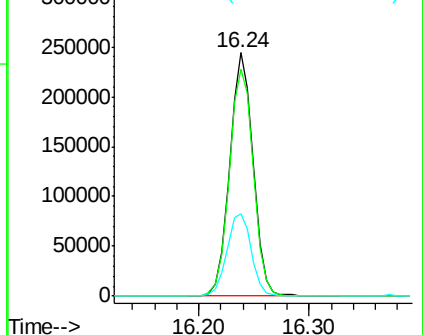
141 35.4 28.7 43.1

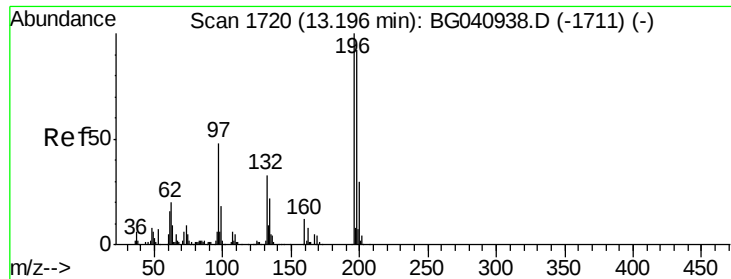


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

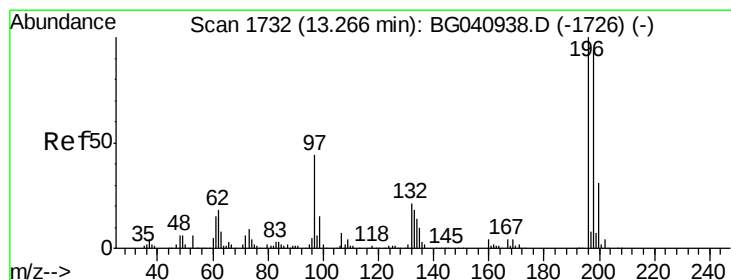
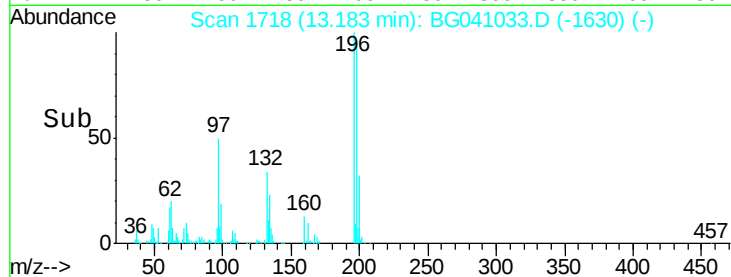
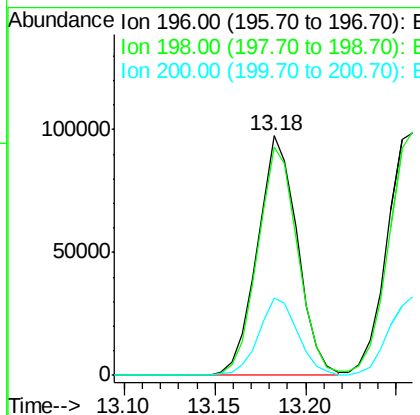
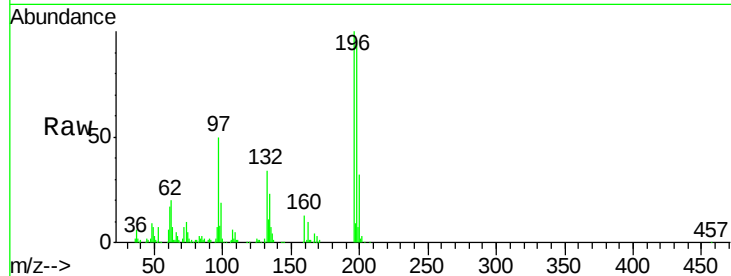




#43
 2,4,6-Trichlorophenol
 Concen: 31.485 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

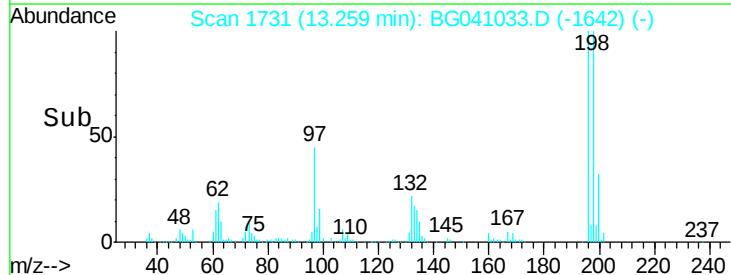
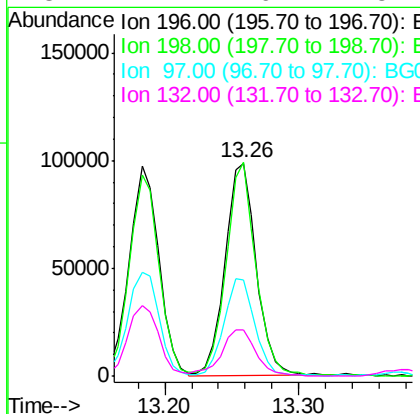
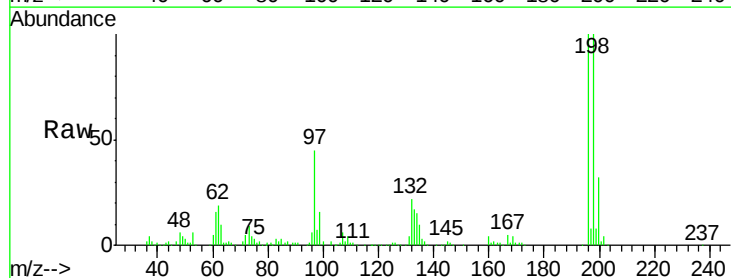
Instrument :
 BNA_G
 ClientSampleID :
 PB120082BS

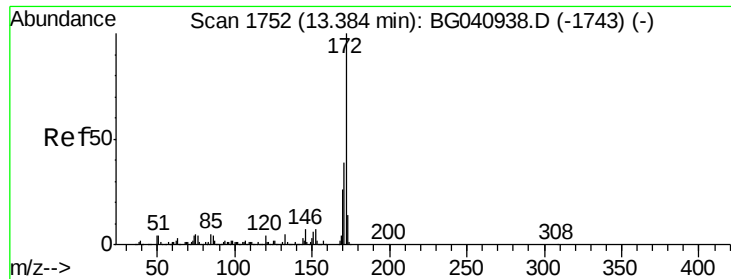
Tot Ion	196	Resp	149309
Ion Ratio	Lower	Upper	
196	100		
198	95.6	73.8	110.6
200	32.0	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 32.107 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion	196	Resp	160574
Ion Ratio	Lower	Upper	
196	100		
198	100.5	75.1	112.7
97	44.9	35.6	53.4
132	21.7	16.7	25.1

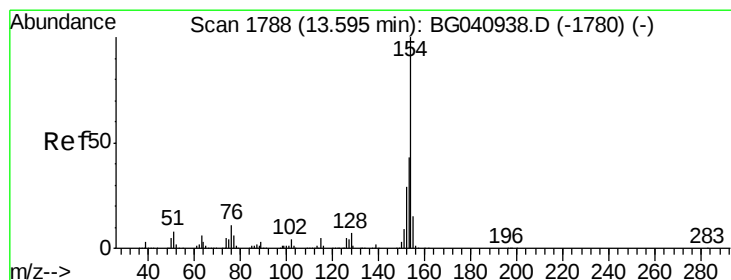
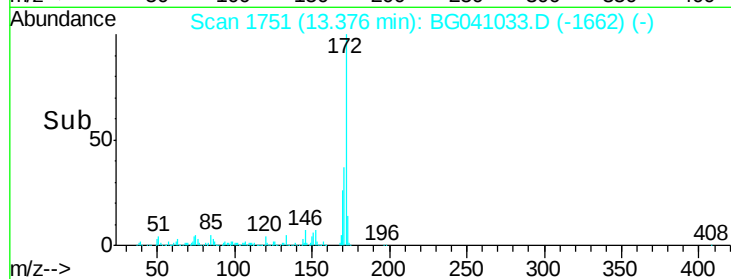
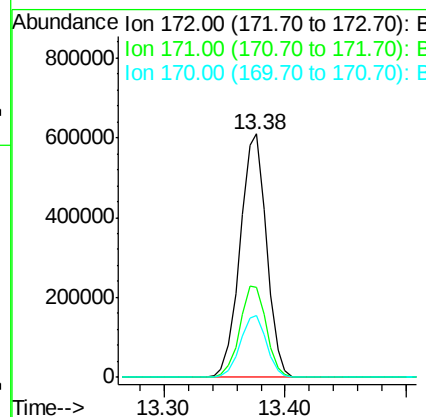
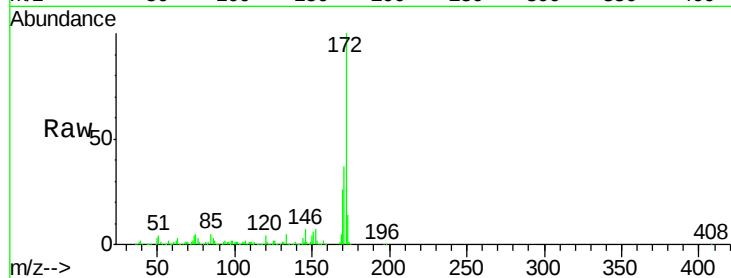




#45
2-Fluorobiphenyl
Concen: 73.462 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

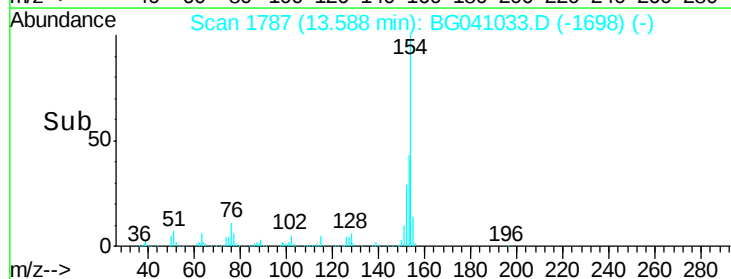
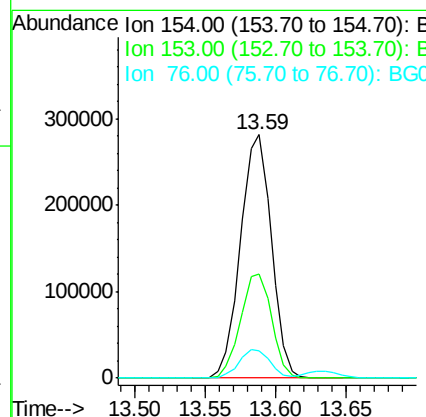
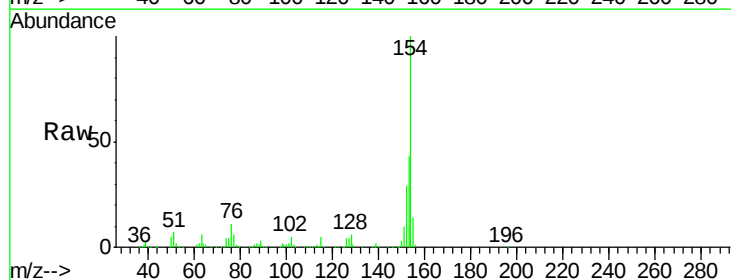
Instrument :
BNA_G
ClientSampleId :
PB120082BS

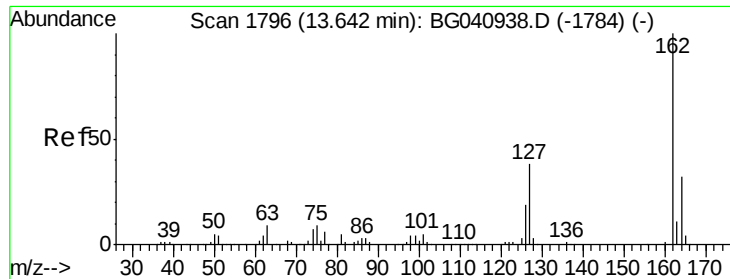
Tot Ion:172 Resp: 927759
Ion Ratio Lower Upper
172 100
171 37.0 31.1 46.7
170 25.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 32.163 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:154 Resp: 432997
Ion Ratio Lower Upper
154 100
153 42.7 23.3 63.3
76 11.1 0.0 31.1

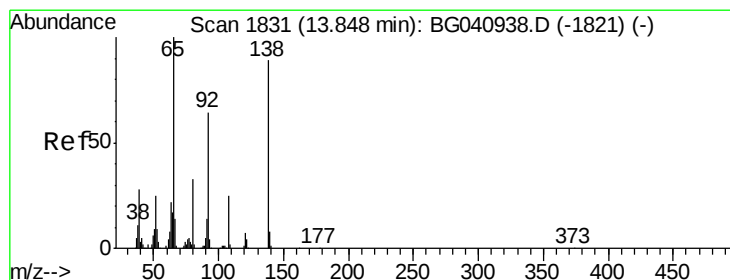
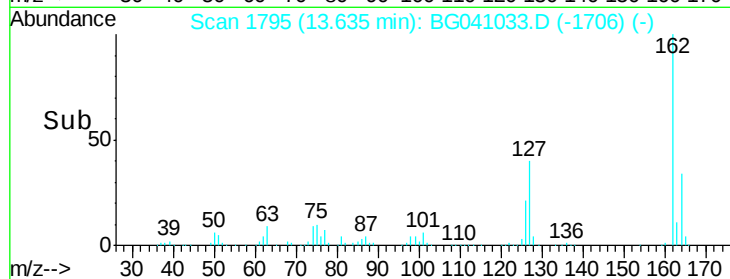
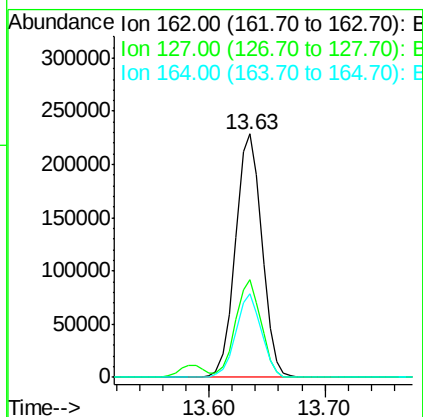
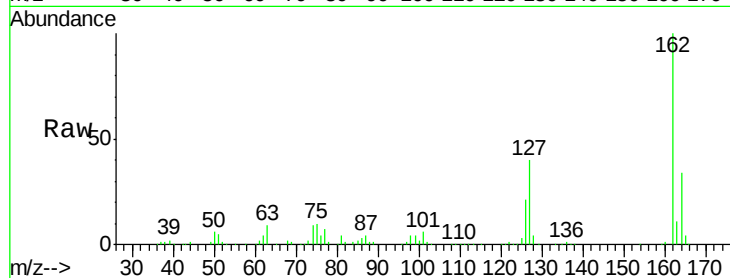




#47
 2-Chloronaphthalene
 Concen: 31.244 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

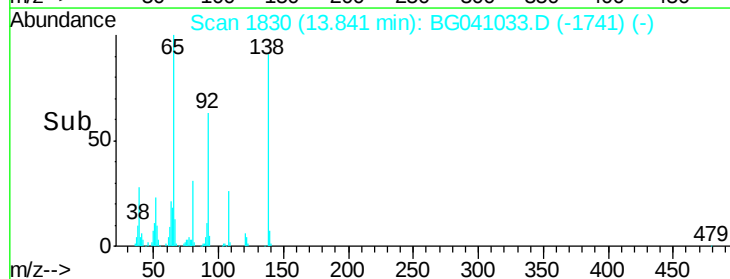
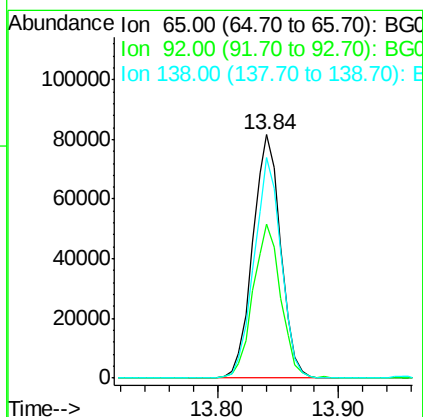
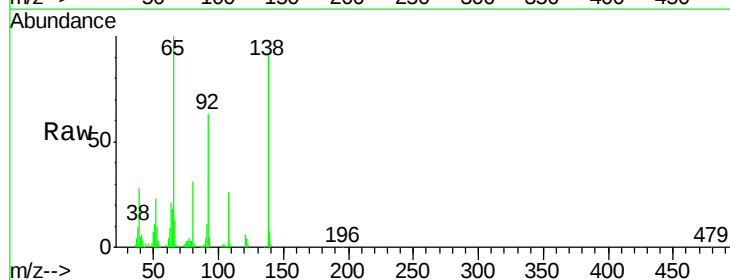
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

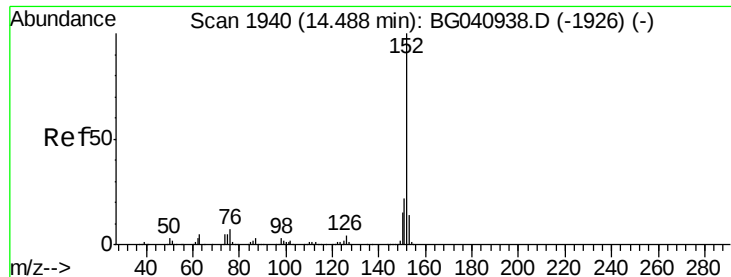
Tot Ion:162 Resp: 361103
 Ion Ratio Lower Upper
 162 100
 127 40.0 30.5 45.7
 164 34.4 25.8 38.6



#48
 2-Nitroaniline
 Concen: 31.805 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion: 65 Resp: 131870
 Ion Ratio Lower Upper
 65 100
 92 63.3 51.0 76.6
 138 90.7 71.2 106.8





#49

Acenaphthylene

Concen: 32.028 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

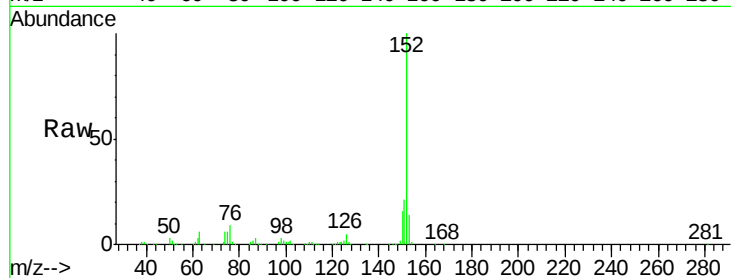
Tot Ion:152 Resp: 557120

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

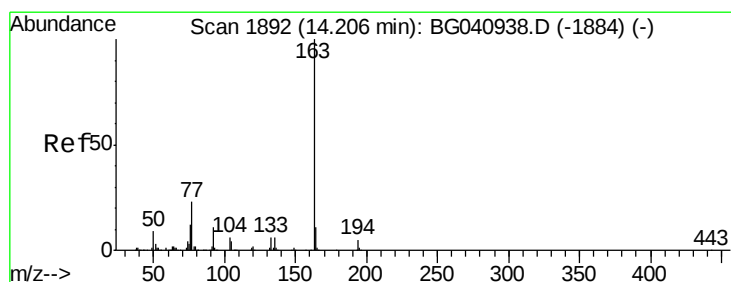
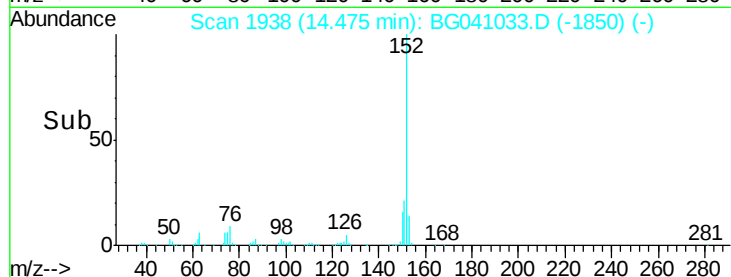
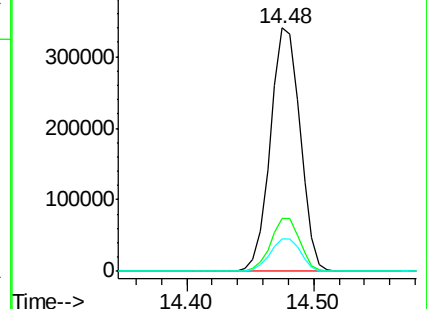
153 13.5 11.0 16.4



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: 31.056 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

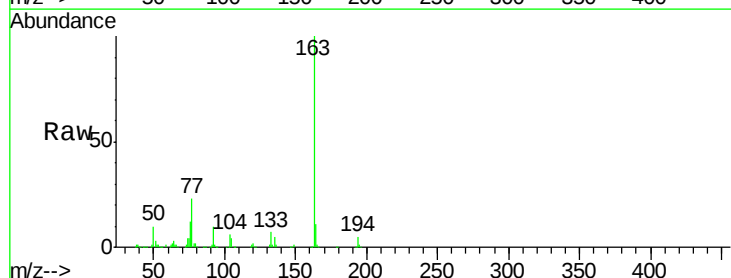
Tgt Ion:163 Resp: 478121

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

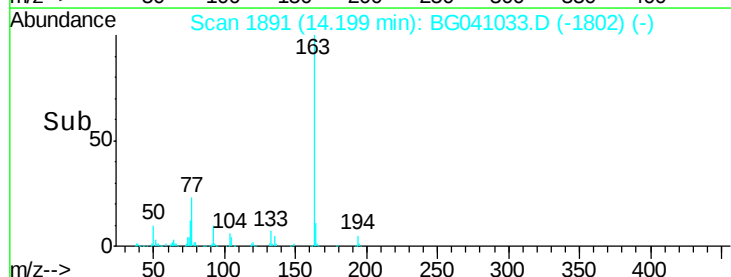
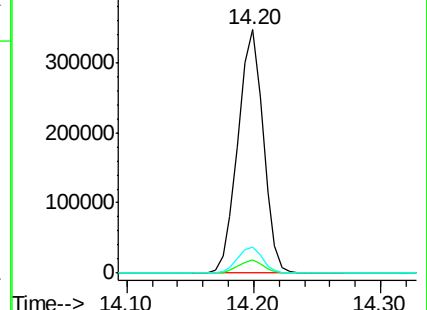
164 10.7 8.7 13.1

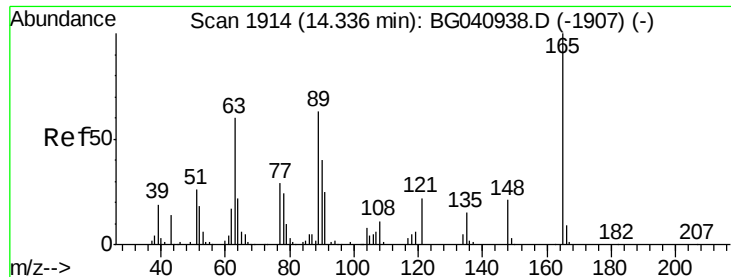


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

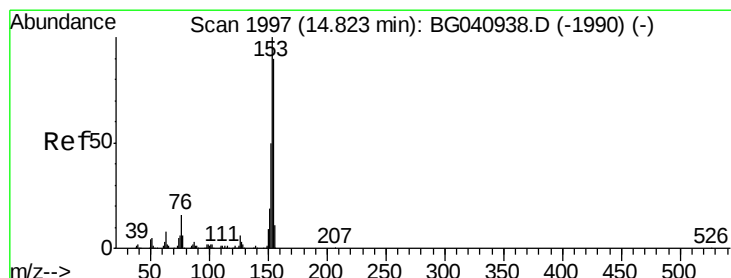
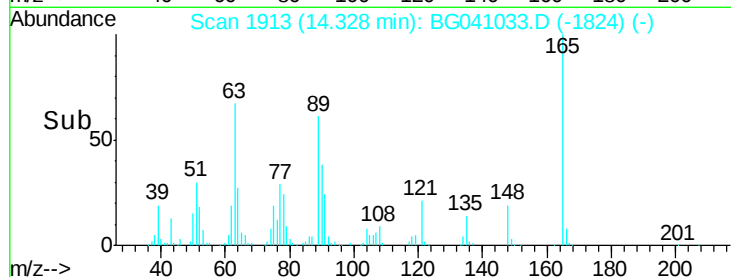
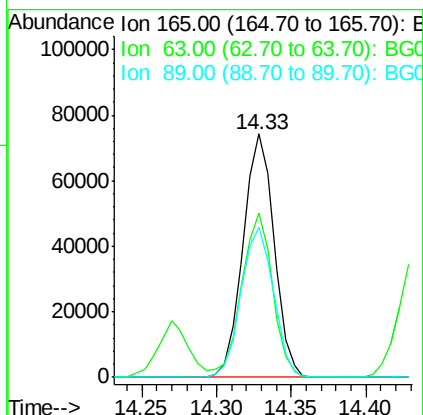
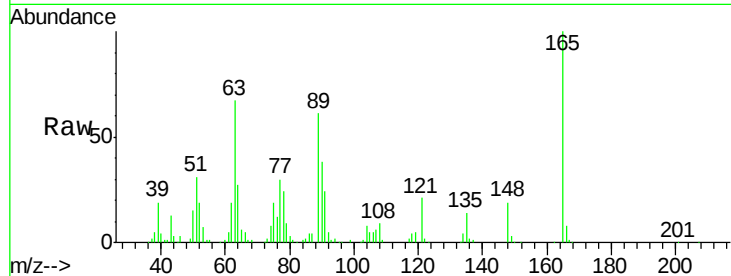




#51
2,6-Dinitrotoluene
Concen: 32.083 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

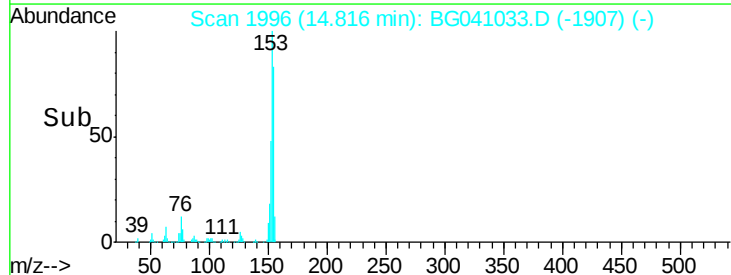
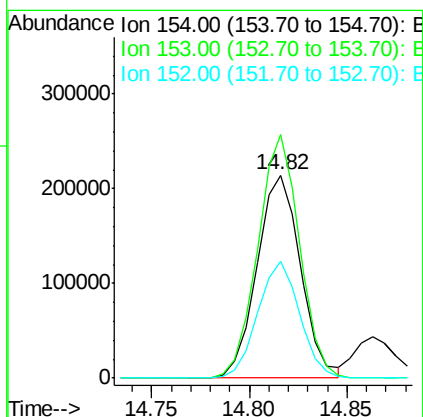
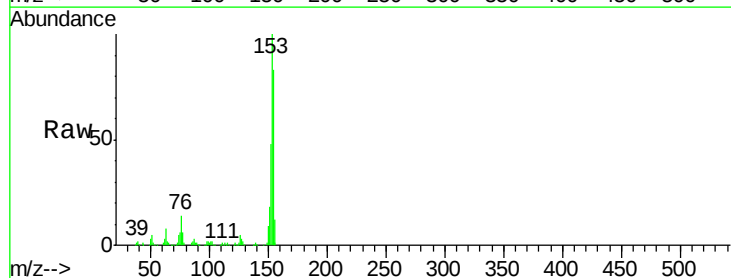
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:165 Resp: 106497
Ion Ratio Lower Upper
165 100
63 67.3 53.6 80.4
89 61.5 50.4 75.6



#52
Acenaphthene
Concen: 31.322 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:154 Resp: 330061
Ion Ratio Lower Upper
154 100
153 120.1 88.6 133.0
152 57.6 44.2 66.4

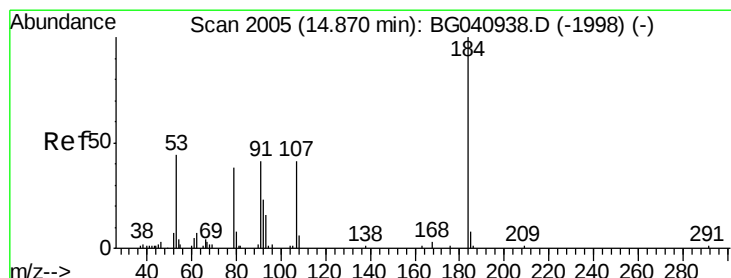
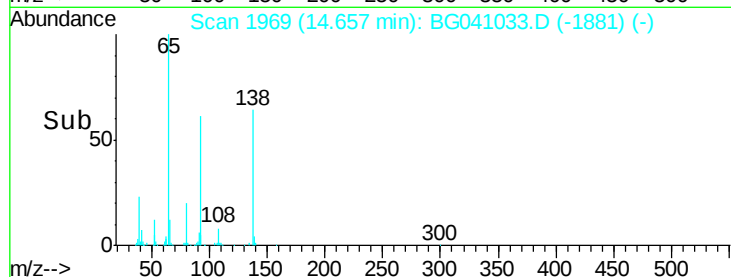
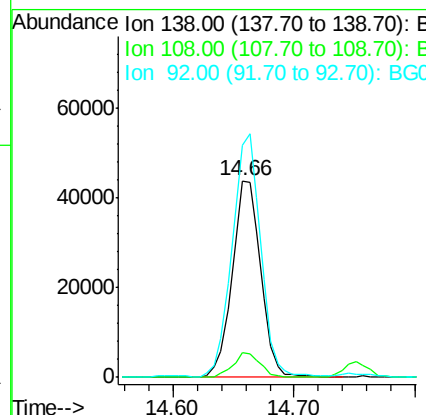
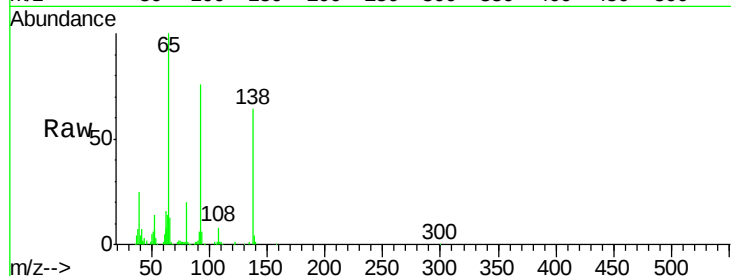




#53
3-Nitroaniline
Concen: 21.614 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

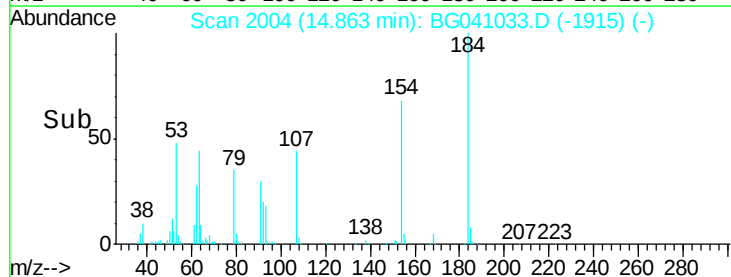
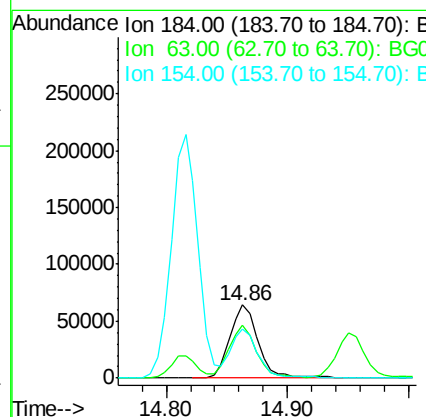
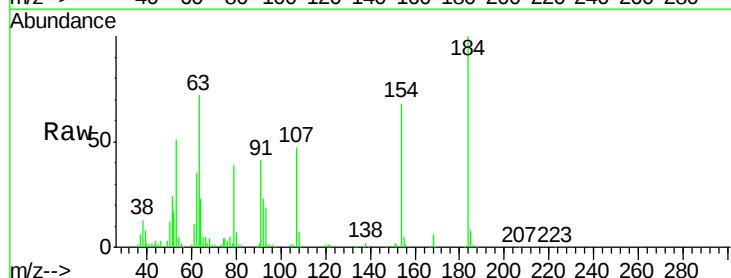
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:138 Resp: 71744
Ion Ratio Lower Upper
138 100
108 12.7 8.5 12.7
92 118.3 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 66.327 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:184 Resp: 105727
Ion Ratio Lower Upper
184 100
63 71.9 49.8 74.6
154 67.7 52.2 78.4

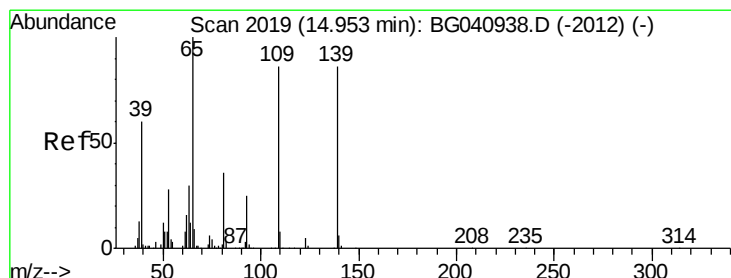
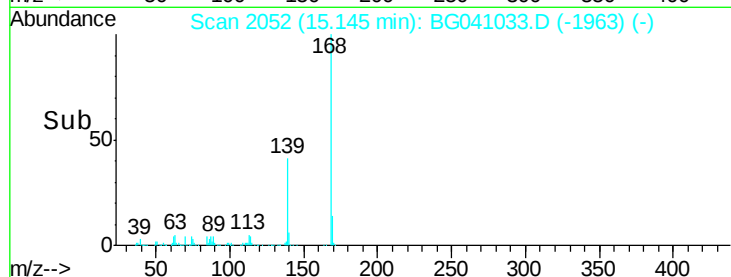
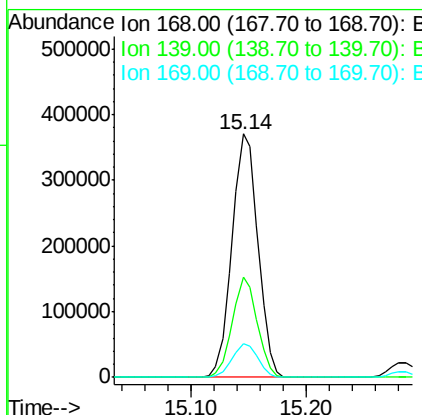
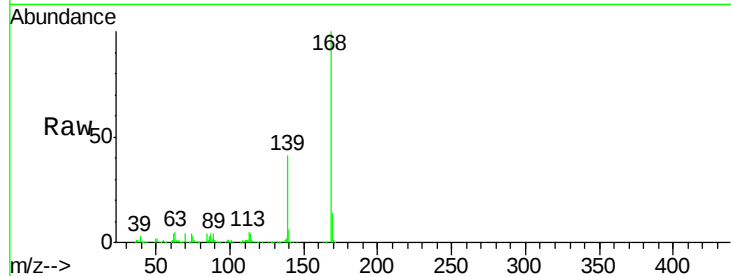




#55
Dibenzenofuran
Concen: 32.392 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

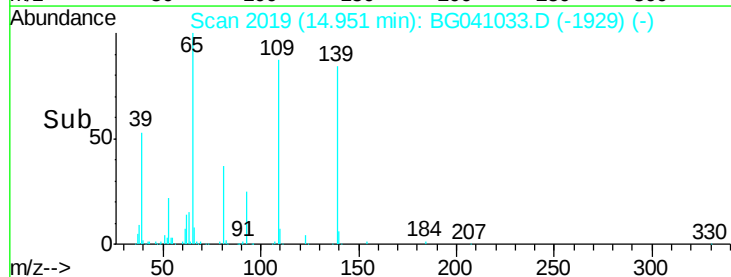
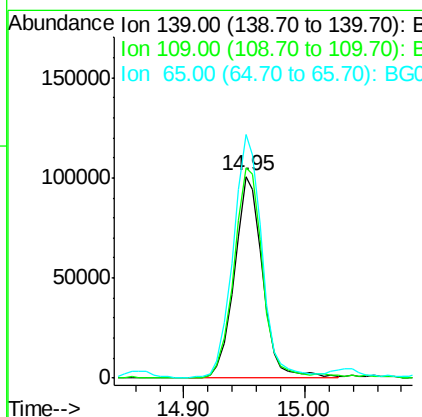
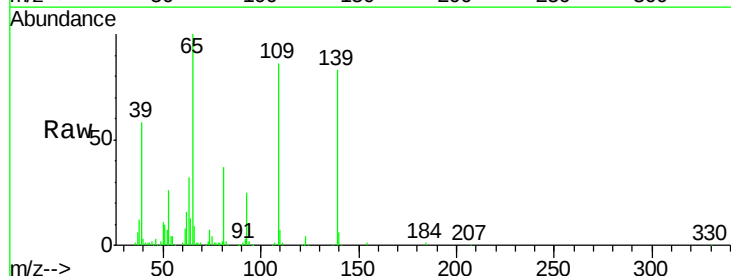
Instrument :
BNA_G
ClientSampleId :
PB120082BS

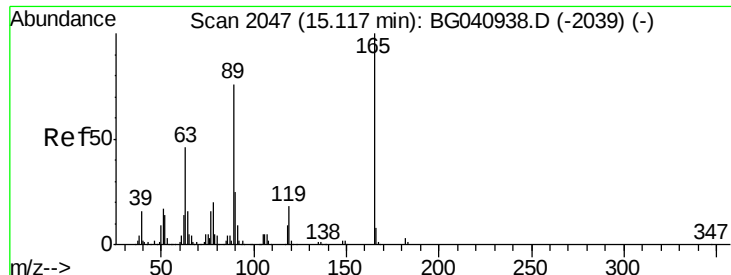
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	32.8	49.2
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 71.937 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.2	79.6	119.6
65	120.7	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 32.669 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion:165 Resp: 153185

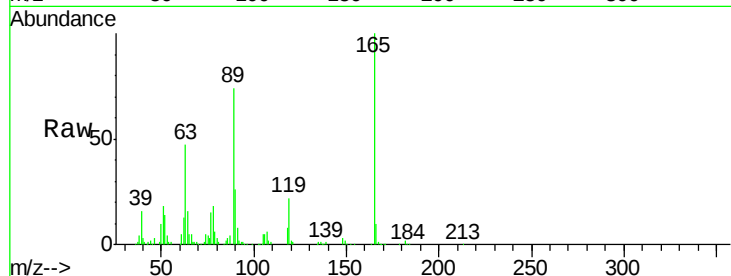
Ion Ratio Lower Upper

165 100

63 46.8 37.3 55.9

89 74.0 61.0 91.6

182 2.5 2.2 3.2

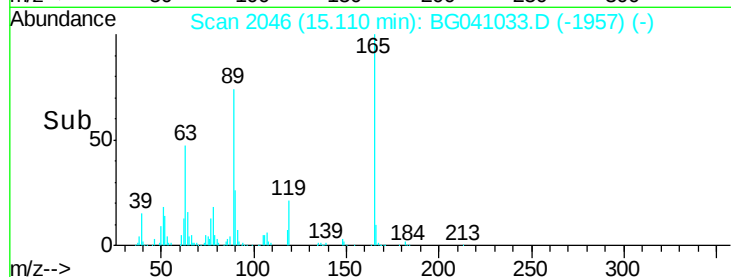


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Abundance

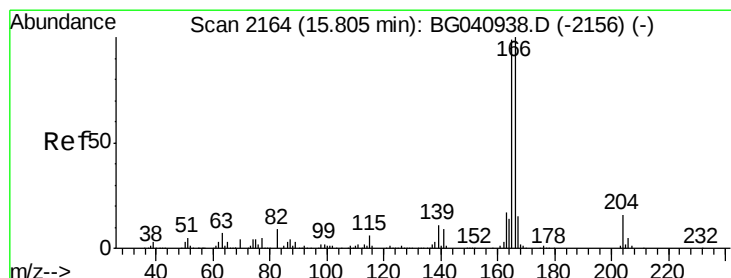
15.11

100000

50000

0

Time-->



#58

Fluorene

Concen: 32.032 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

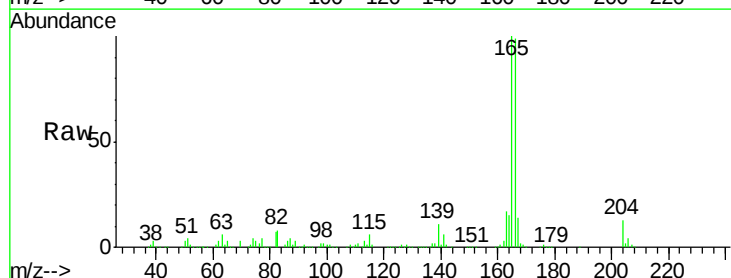
Tgt Ion:166 Resp: 452310

Ion Ratio Lower Upper

166 100

165 101.0 79.2 118.8

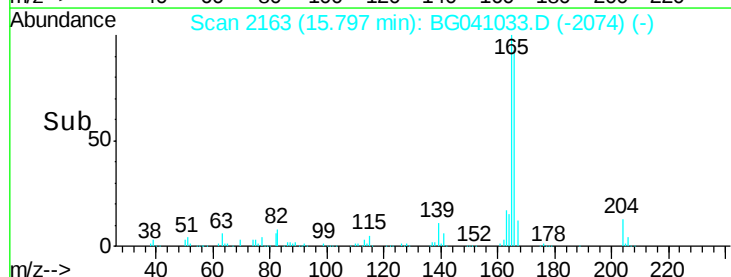
167 14.5 11.8 17.6



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



Abundance

15.80

400000

300000

200000

100000

0

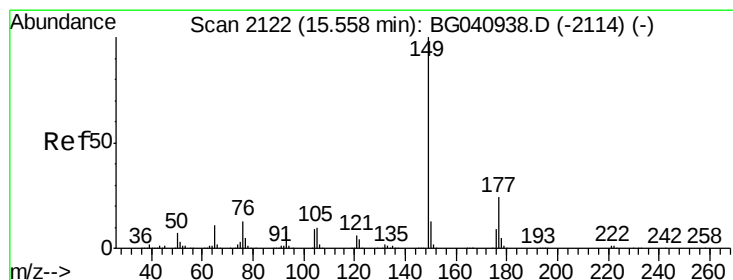
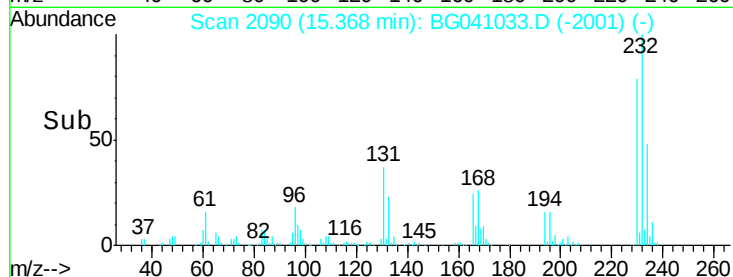
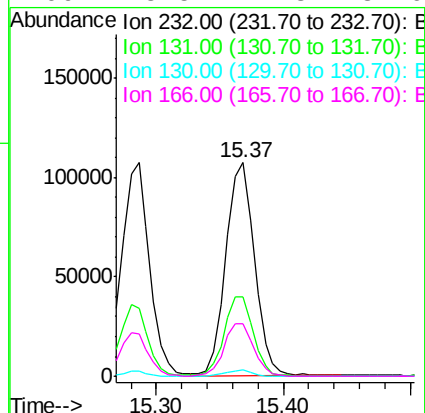
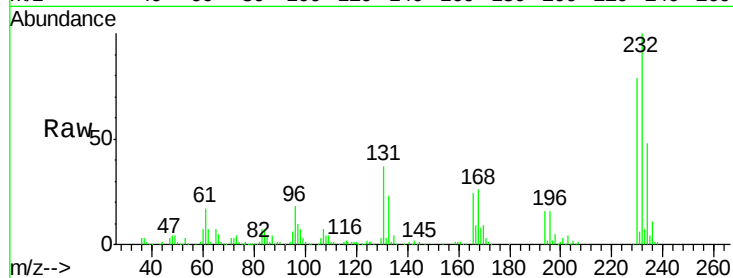
Time-->



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.296 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

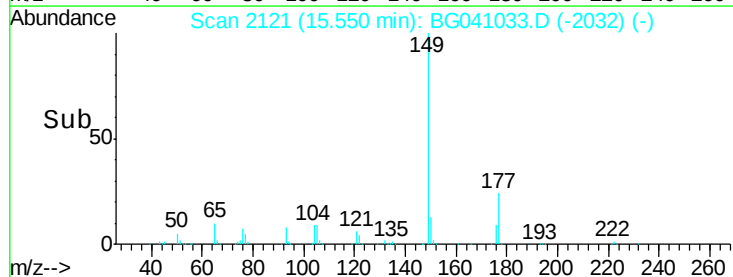
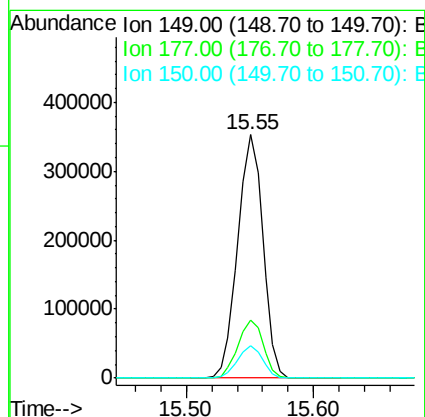
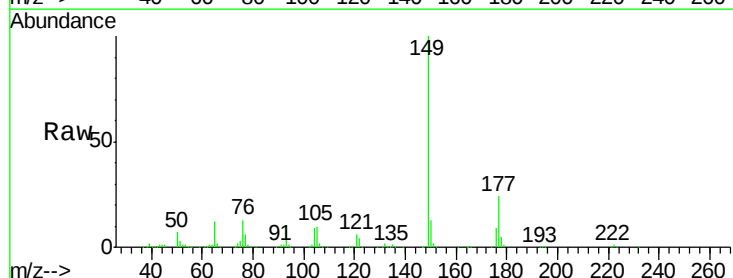
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

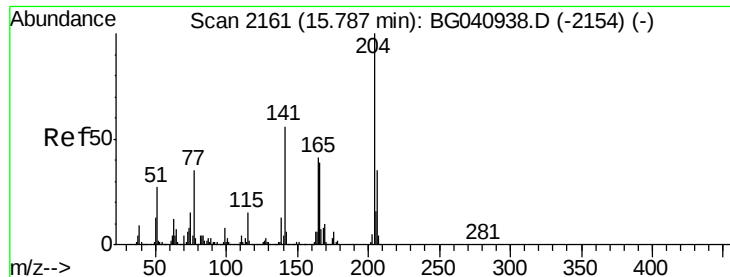
Tot Ion:232	Resp:	168566
Ion	Ratio	Lower Upper
232	100	
131	37.1	30.3 45.5
130	2.6	1.8 2.8
166	25.5	21.3 31.9



#60
 Diethylphthalate
 Concen: 30.871 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion:149	Resp:	485037
Ion	Ratio	Lower Upper
149	100	
177	23.8	19.4 29.0
150	13.4	10.3 15.5

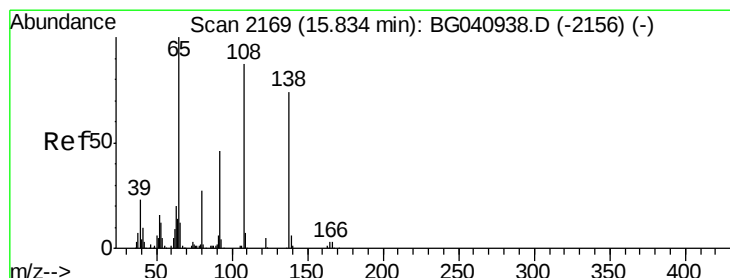
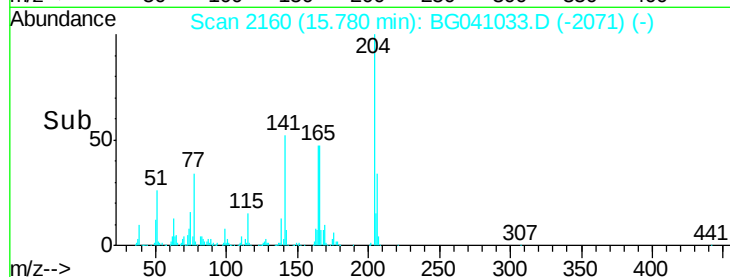
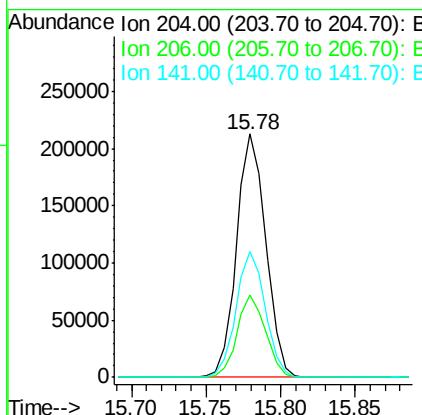
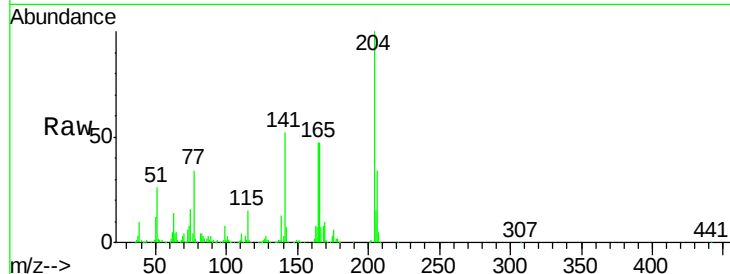




#61
4-Chlorophenyl-phenylether
Concen: 31.613 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

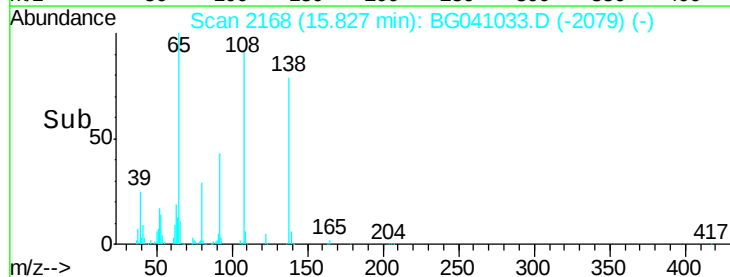
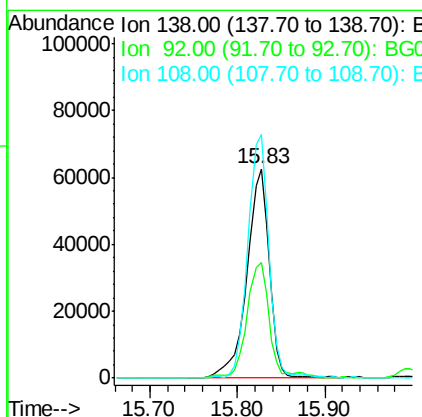
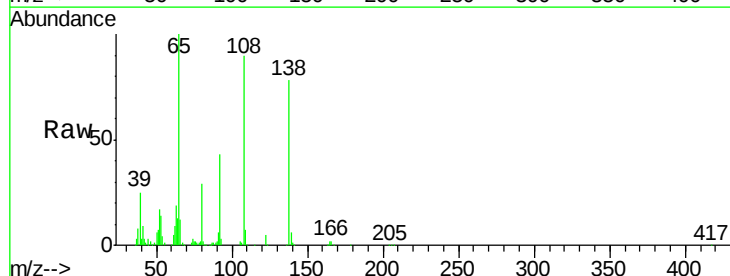
Instrument :
BNA_G
ClientSampled :
PB120082BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.6	41.4
141	51.9	45.1	67.7



#62
4-Nitroaniline
Concen: 30.596 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	42.4	82.4
108	116.1	96.9	136.9





#63

Azobenzene

Concen: 31.975 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion: 77 Resp: 456602

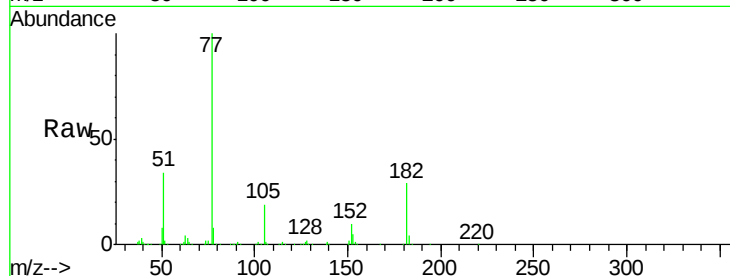
Ion Ratio Lower Upper

77 100

182 29.3 9.6 49.6

105 18.5 0.0 37.5

51 33.6 13.7 53.7

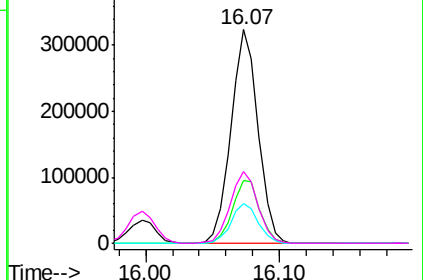
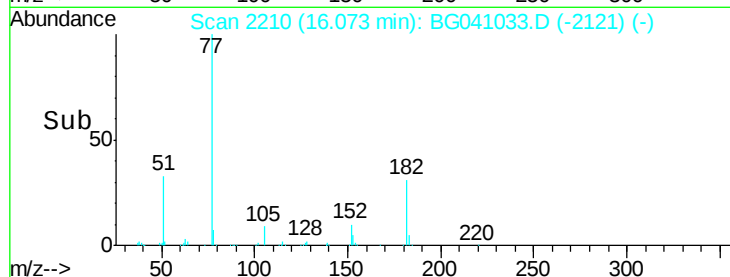


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

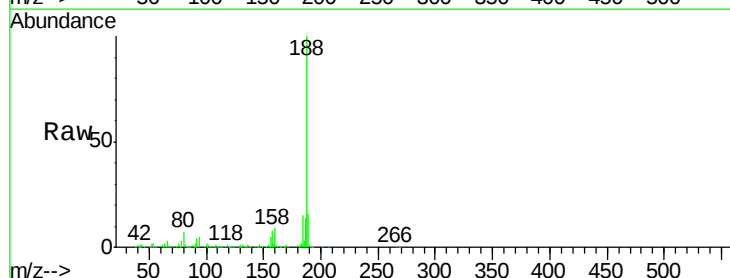
Tgt Ion: 188 Resp: 466723

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

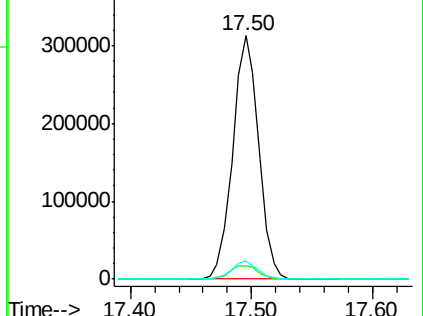
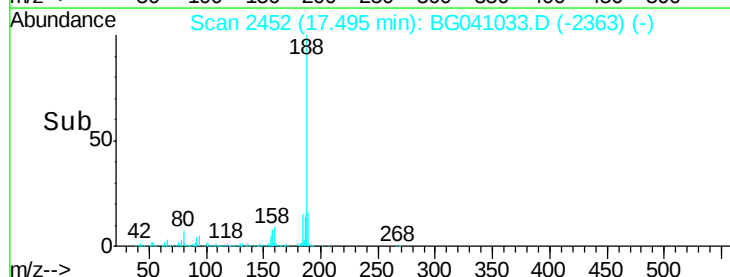
80 7.3 5.8 8.8

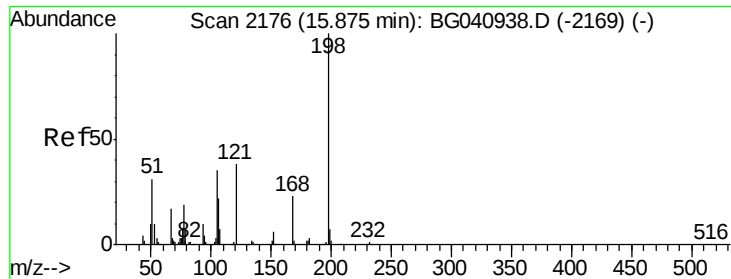


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 36.188 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

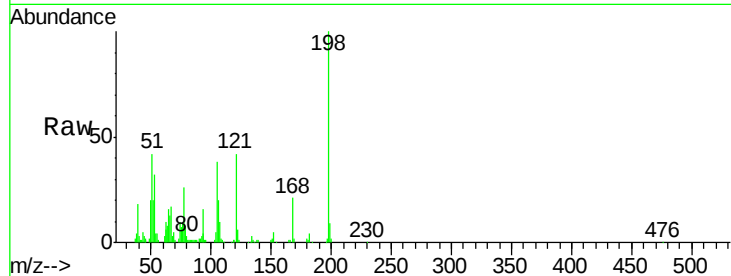
Tot Ion:198 Resp: 84066

Ion	Ratio	Lower	Upper
198	100		
51	42.2	21.6	61.6
105	38.4	17.5	57.5

198 100

51 42.2 21.6 61.6

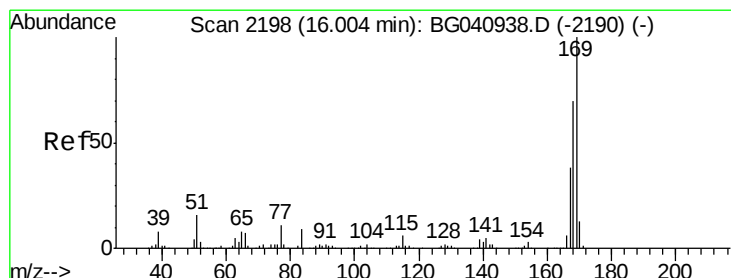
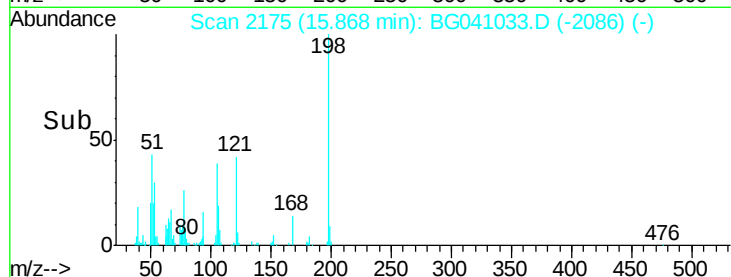
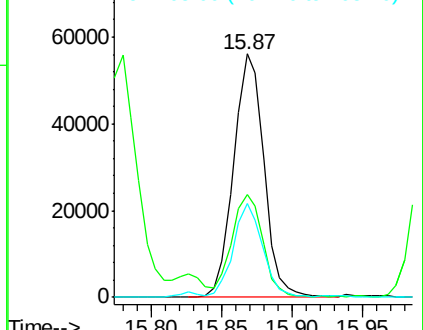
105 38.4 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.381 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

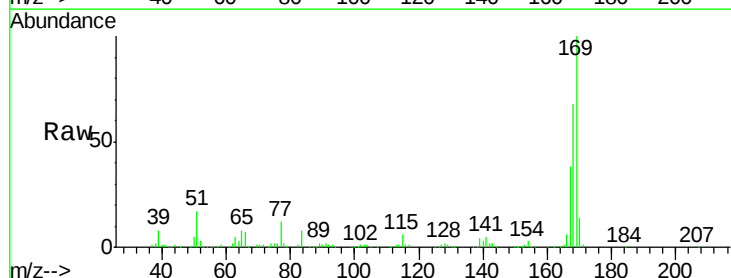
Tgt Ion:169 Resp: 411721

Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	37.9	30.2	45.2

169 100

168 68.3 55.7 83.5

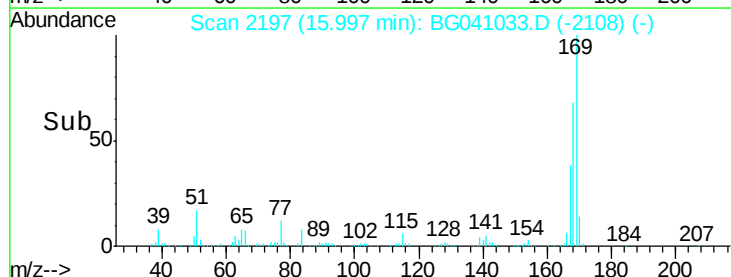
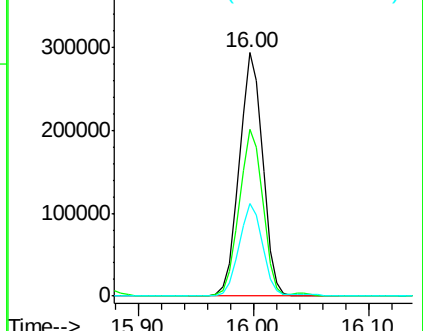
167 37.9 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

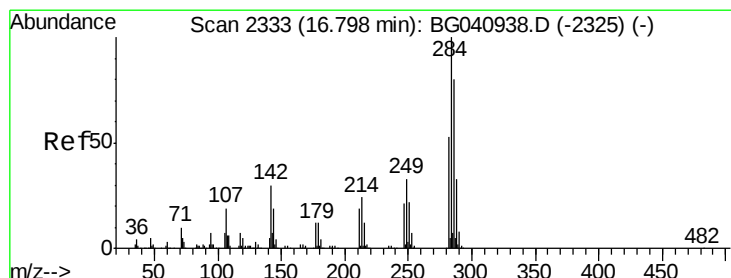
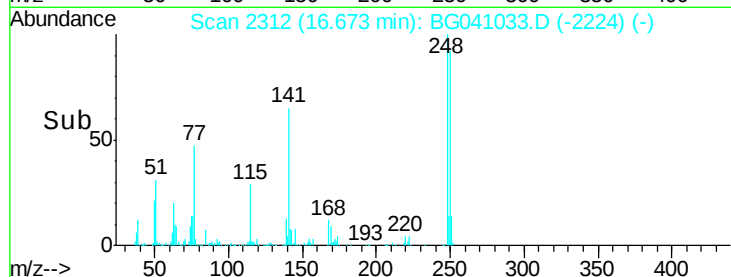
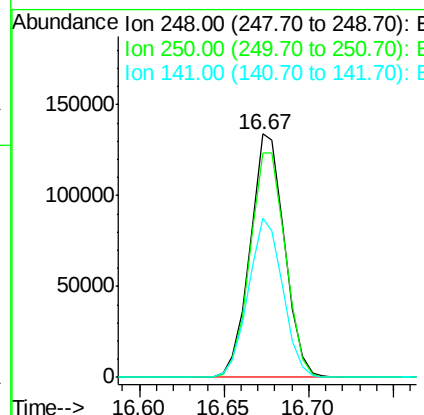
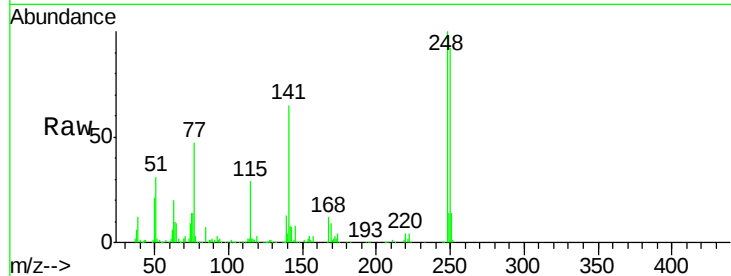




#67
4-Bromophenyl-phenylether
Concen: 29.988 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

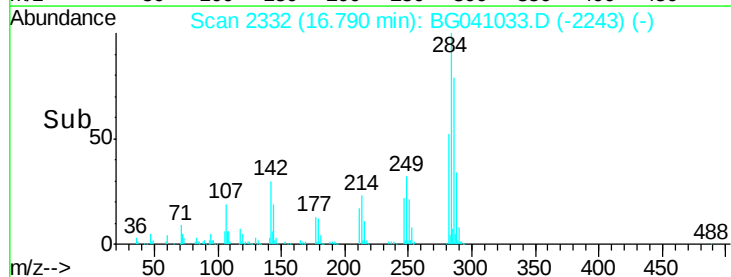
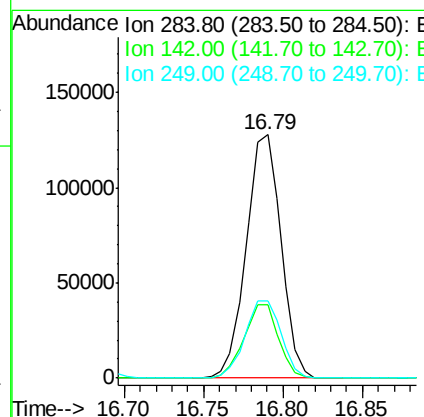
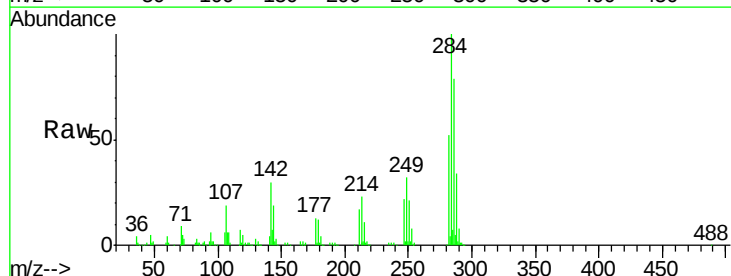
Instrument :
BNA_G
ClientSampleId :
PB120082BS

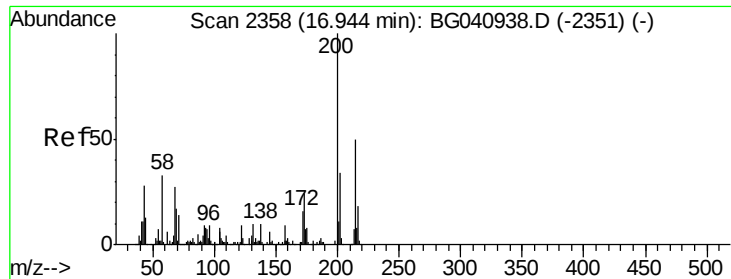
Tot Ion:248 Resp: 188880
Ion Ratio Lower Upper
248 100
250 92.3 75.0 112.4
141 65.2 52.4 78.6



#68
Hexachlorobenzene
Concen: 28.984 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:284 Resp: 194395
Ion Ratio Lower Upper
284 100
142 30.0 23.9 35.9
249 31.9 26.8 40.2





#69

Atrazine

Concen: 35.219 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

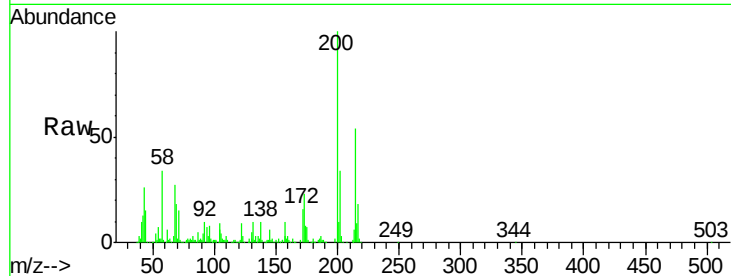
Tot Ion:200 Resp: 178296

Ion Ratio Lower Upper

200 100

173 22.8 3.6 43.6

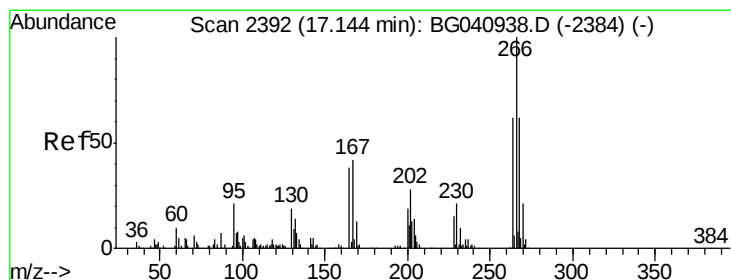
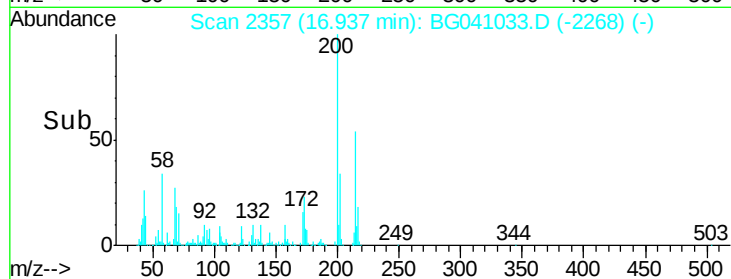
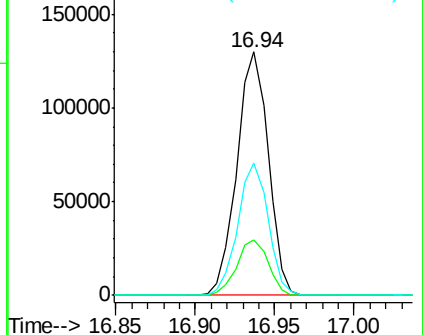
215 54.1 29.6 69.6



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: 62.868 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

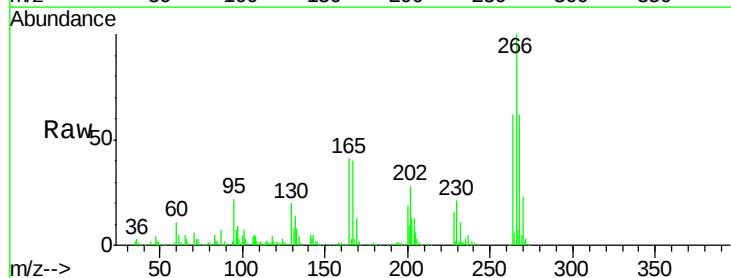
Tgt Ion:266 Resp: 222424

Ion Ratio Lower Upper

266 100

268 62.0 53.1 79.7

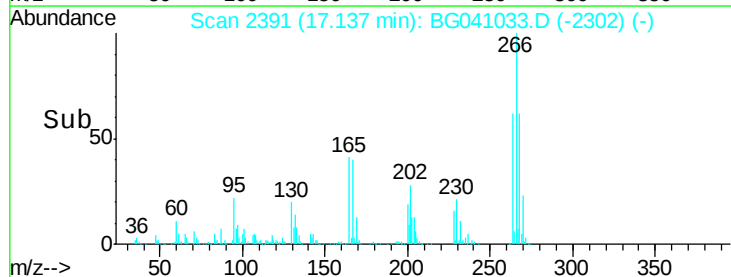
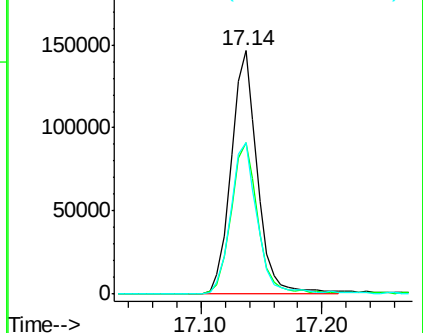
264 62.0 49.9 74.9



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

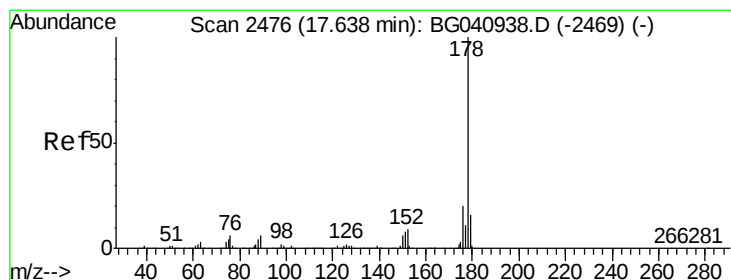
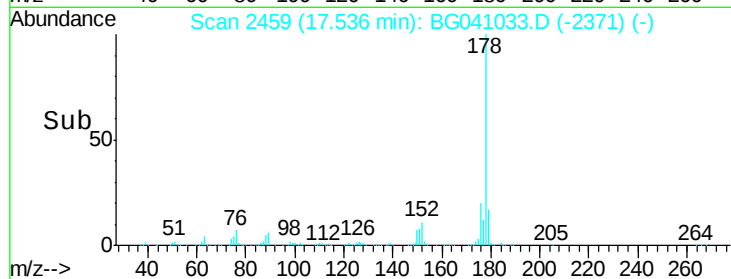
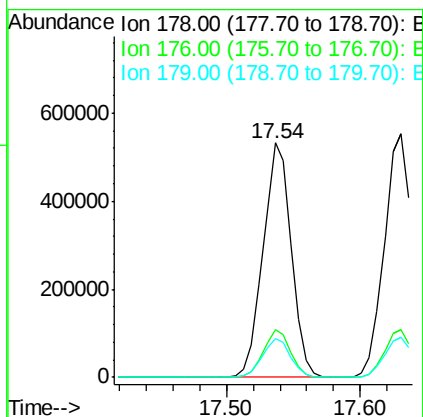
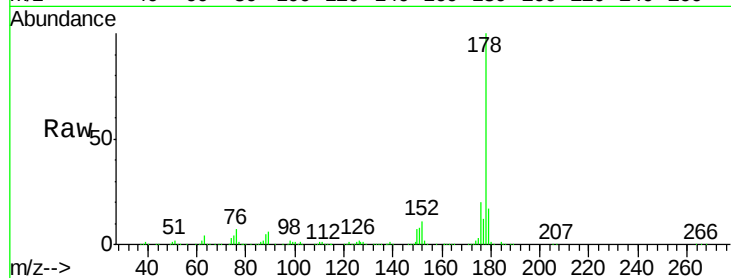




#71
Phenanthrene
Concen: 31.969 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

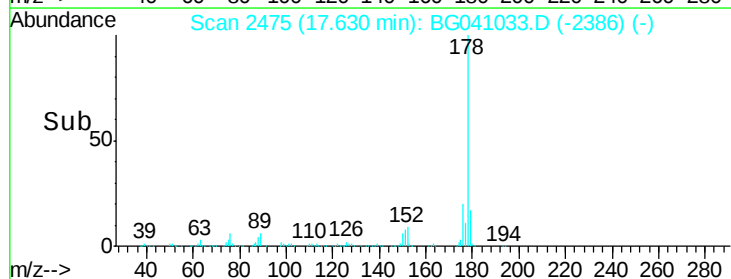
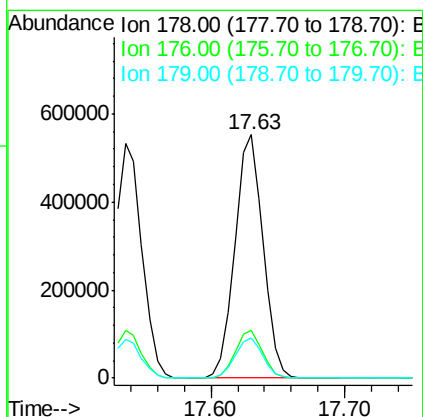
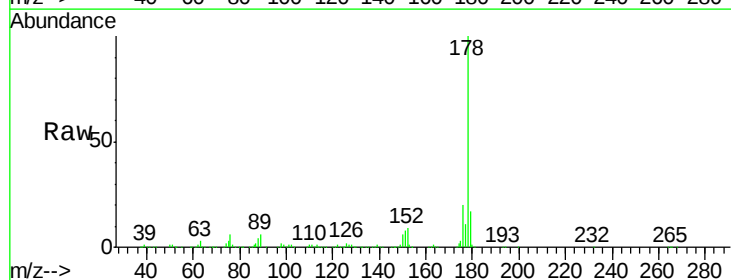
Instrument :
BNA_G
ClientSampleId :
PB120082BS

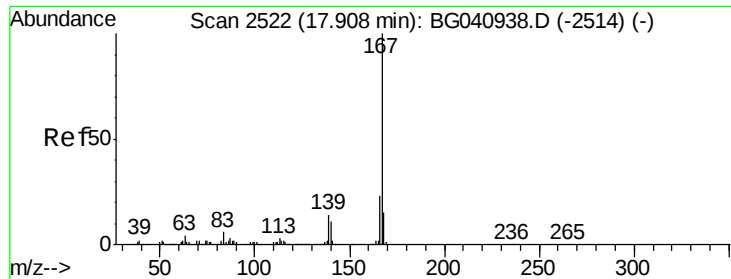
Tot Ion:178 Resp: 777202
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.7 12.7 19.1



#72
Anthracene
Concen: 33.658 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:178 Resp: 807016
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.6 13.0 19.4

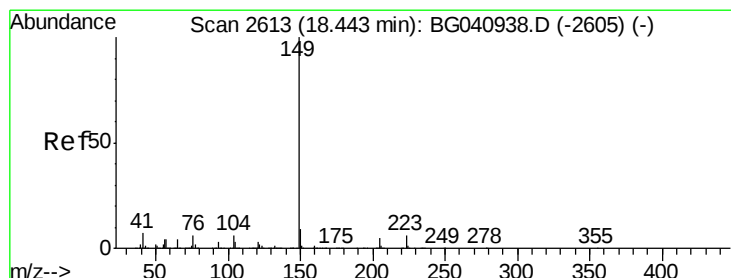
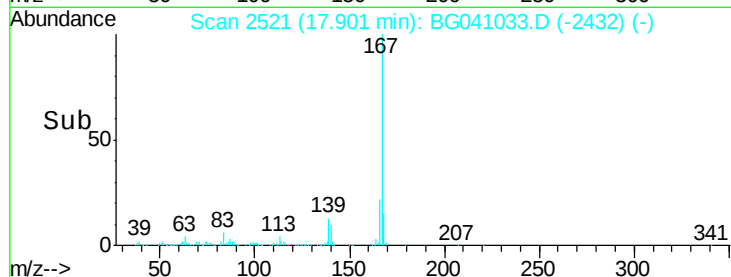
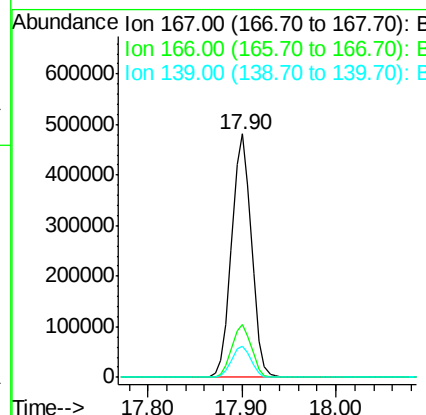
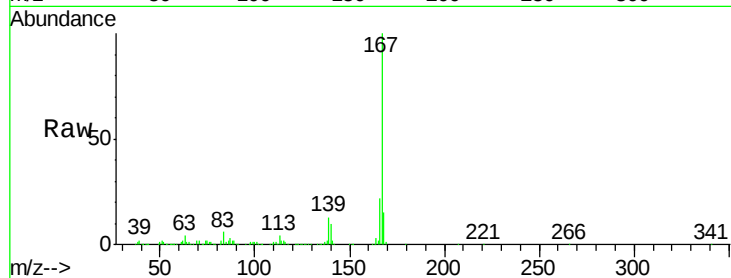




#73
 Carbazole
 Concen: 34.219 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

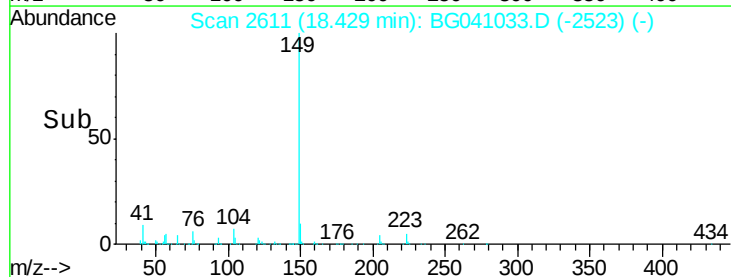
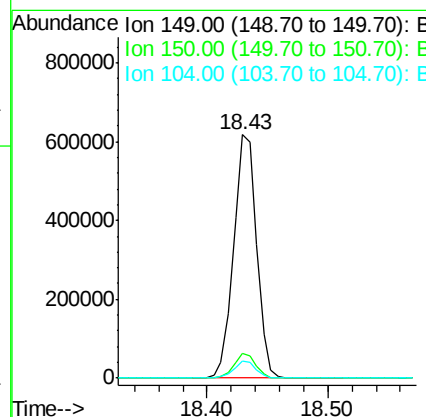
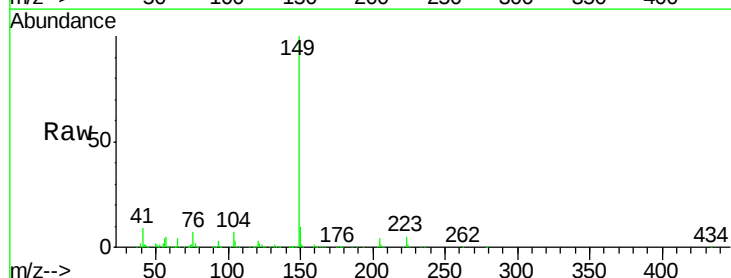
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

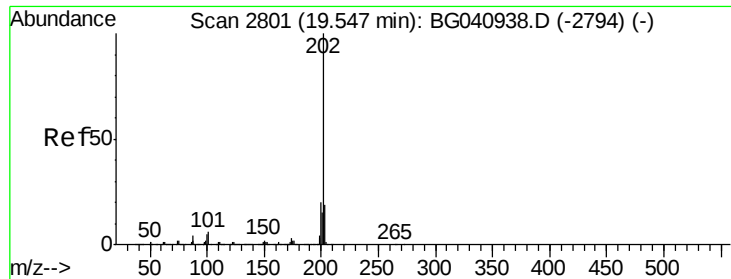
Tot Ion:167 Resp: 704006
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 31.977 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041033.D
 Acq: 3 Jun 2019 14:21

Tgt Ion:149 Resp: 817663
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.4 11.2
 104 6.9 5.0 7.4





#75

Fluoranthene

Concen: 34.716 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

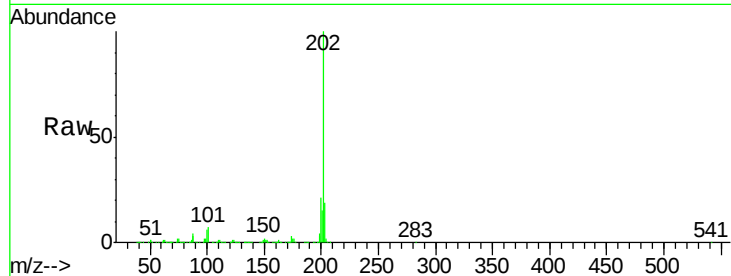
Tot Ion:202 Resp: 1042440

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

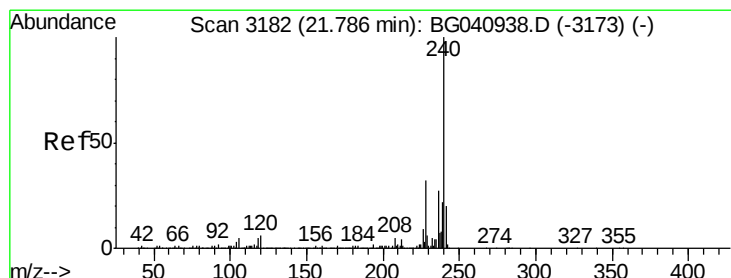
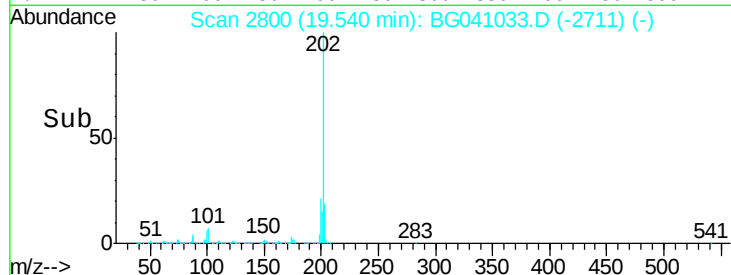
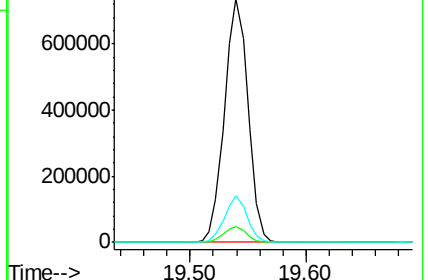
203 19.2 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

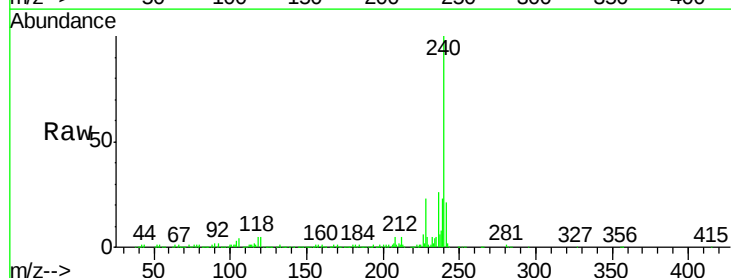
Tgt Ion:240 Resp: 492549

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

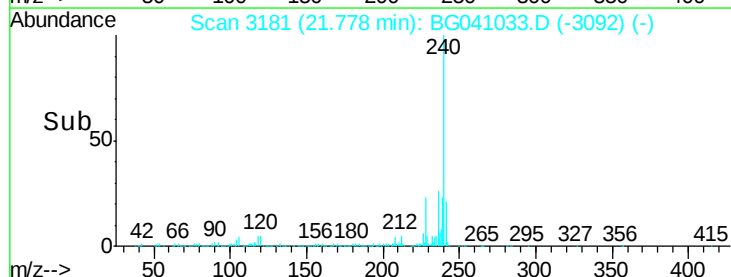
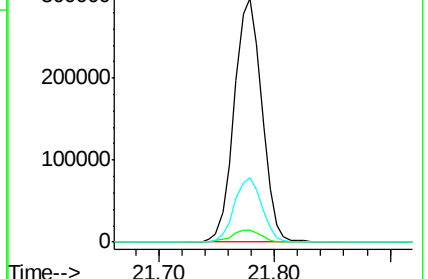
236 26.3 21.3 31.9

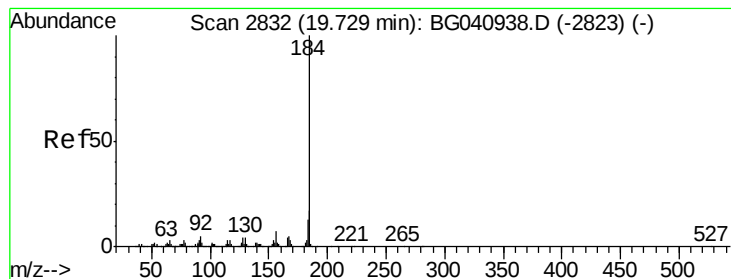


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.550 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

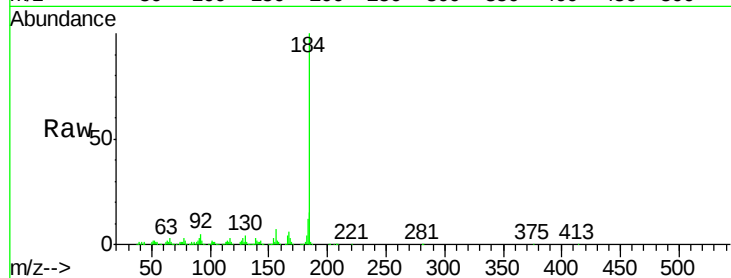
Tot Ion:184 Resp: 311966

Ion Ratio Lower Upper

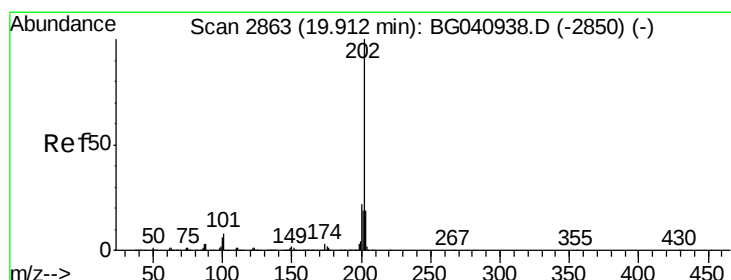
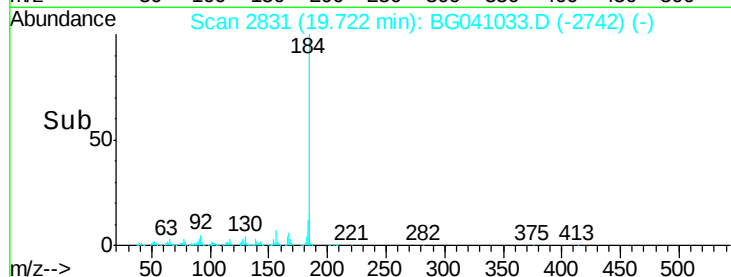
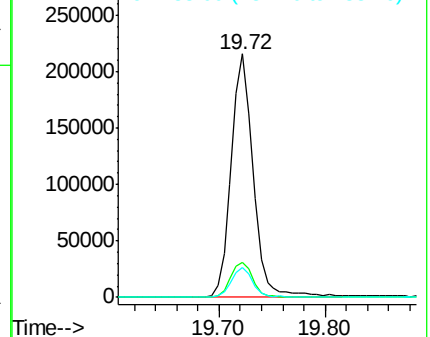
184 100

185 14.5 13.3 19.9

183 12.2 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: 32.471 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

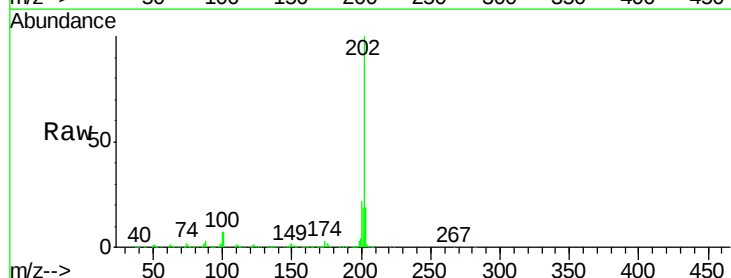
Tgt Ion:202 Resp: 1039680

Ion Ratio Lower Upper

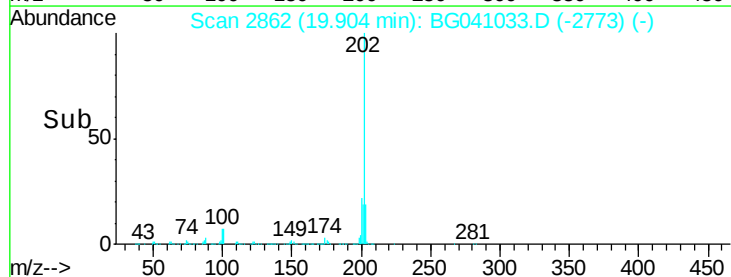
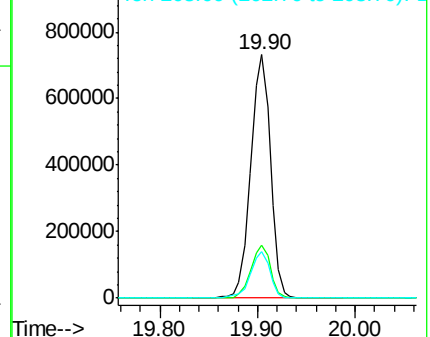
202 100

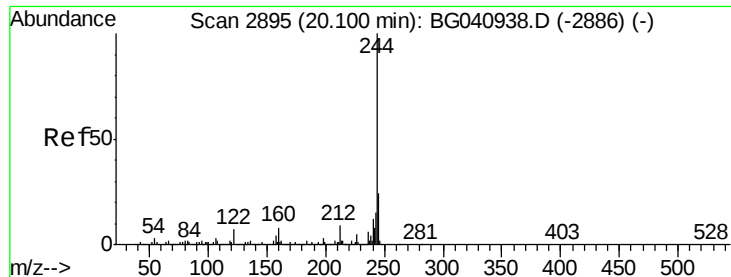
200 21.9 17.5 26.3

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: 65.679 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

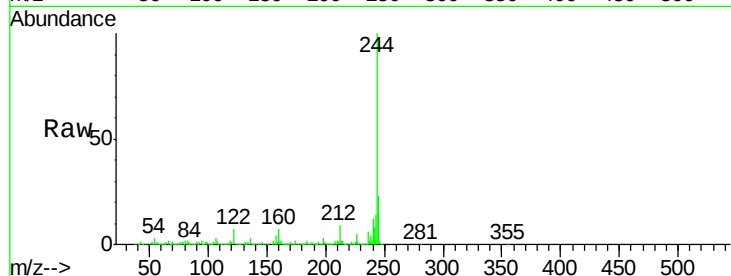
Tot Ion:244 Resp: 1524256

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

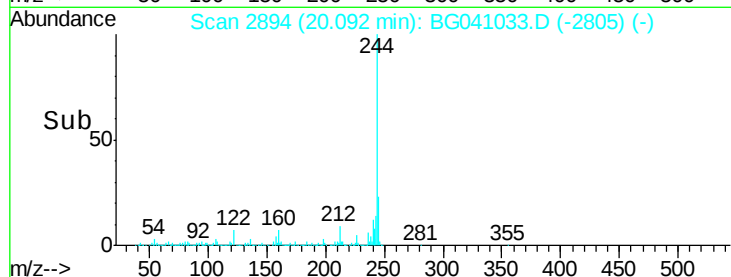
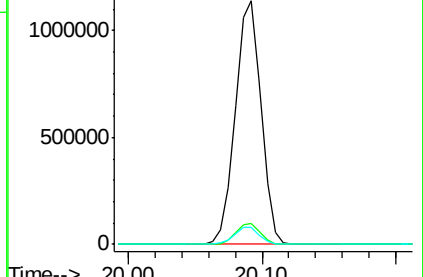
122 7.2 5.4 8.0



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: 31.127 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

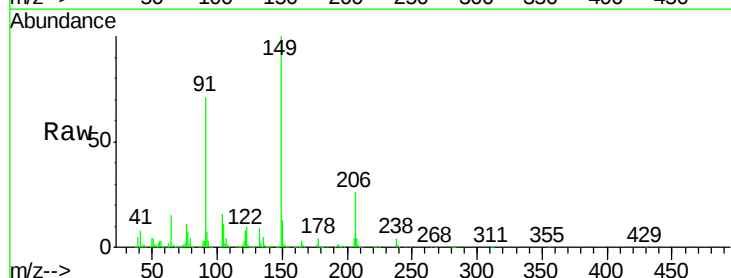
Tgt Ion:149 Resp: 387852

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

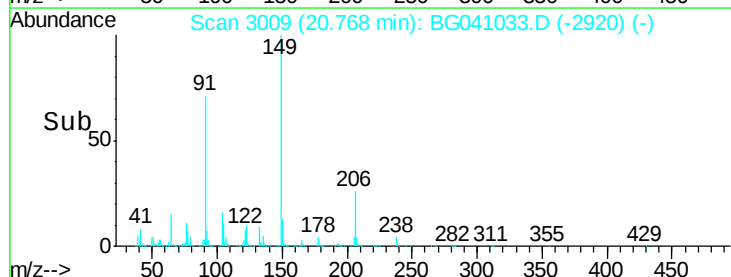
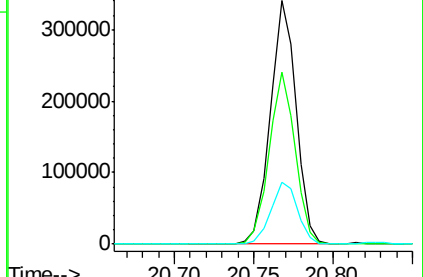
206 25.6 20.3 30.5

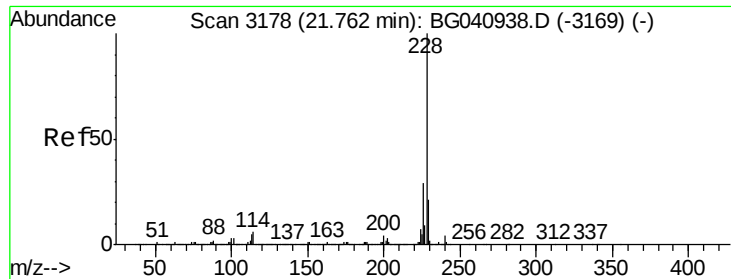


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.887 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB120082BS

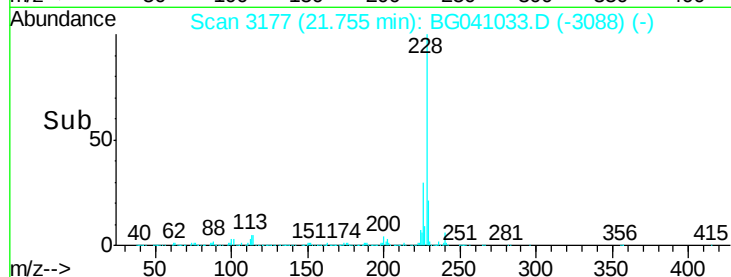
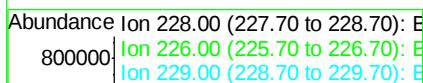
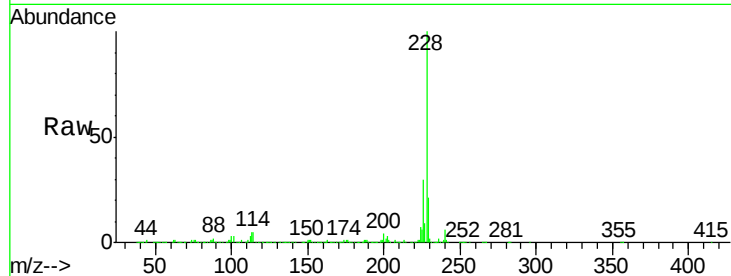
Tot Ion:228 Resp: 1012687

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	20.8	16.7	25.1

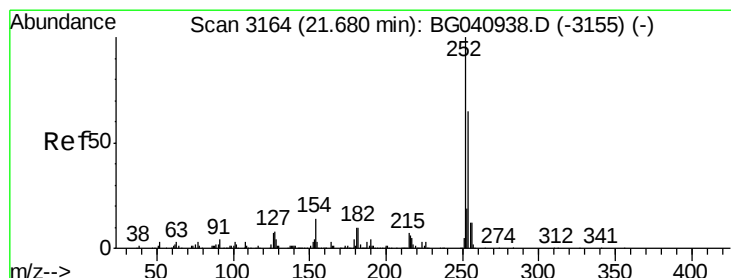
228 100

226 29.5 23.5 35.3

229 20.8 16.7 25.1



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 21.453 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

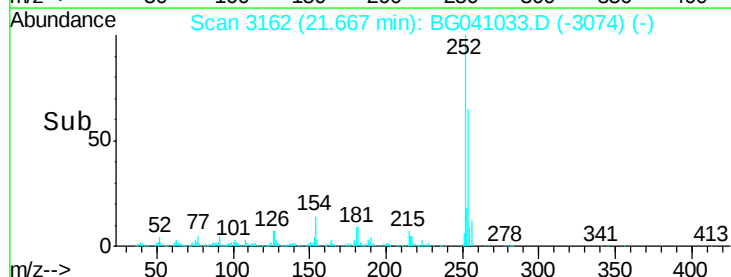
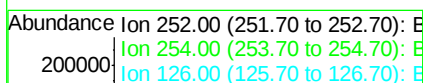
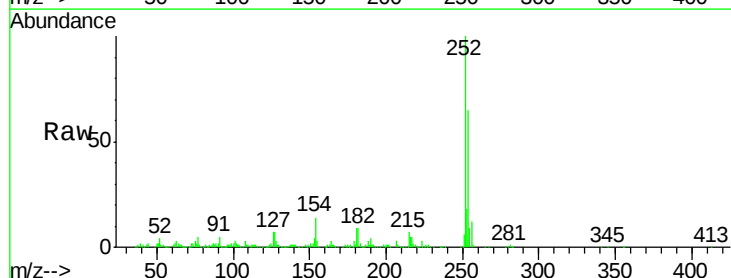
Tgt Ion:252 Resp: 247398

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	6.6	5.5	8.3

252 100

254 64.8 52.1 78.1

126 6.6 5.5 8.3





#83

Chrysene

Concen: 31.523 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Instrument :

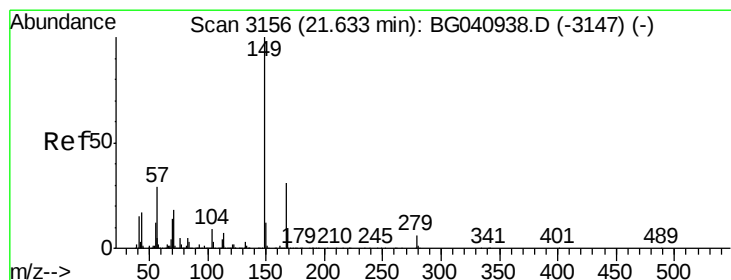
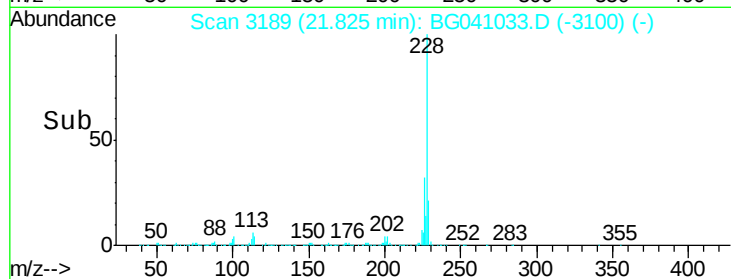
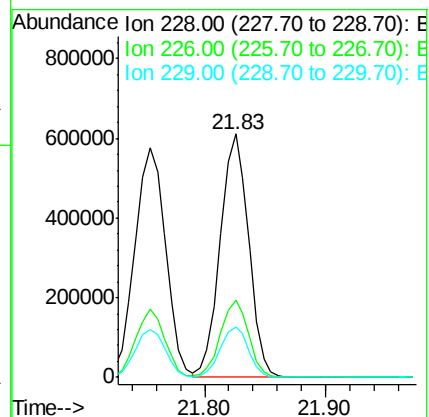
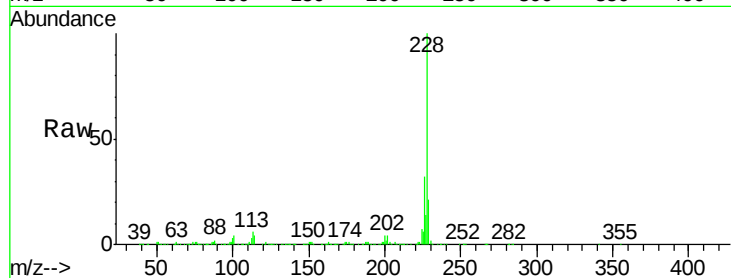
BNA_G

ClientSampleId :

PB120082BS

Tot Ion:228 Resp: 989053

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	20.8	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.677 ng

RT: 21.63 min Scan# 3155

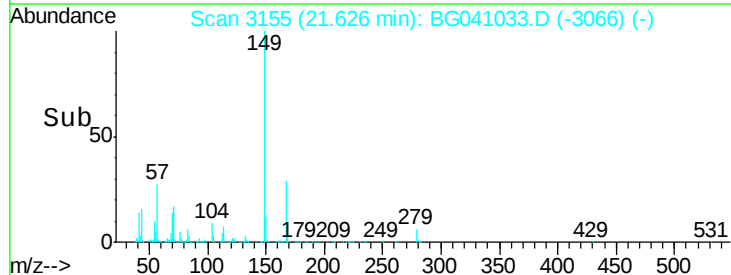
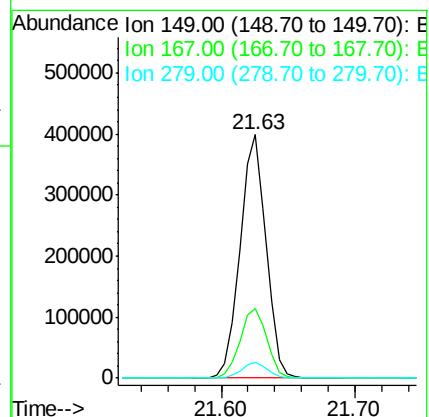
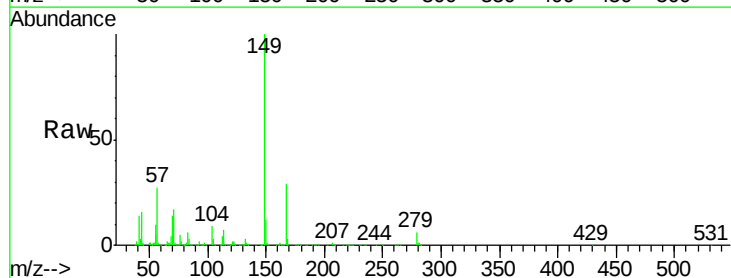
Delta R.T. -0.01 min

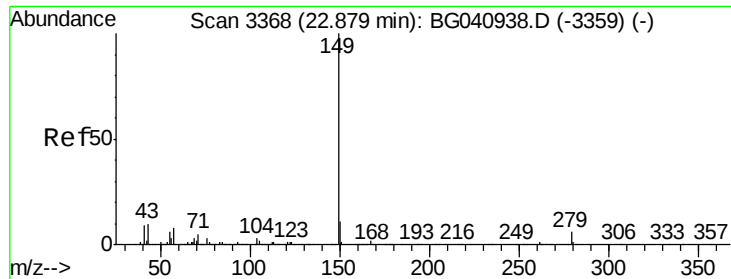
Lab File: BG041033.D

Acq: 3 Jun 2019 14:21

Tgt Ion:149 Resp: 538092

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.6	37.0
279	6.5	5.0	7.6

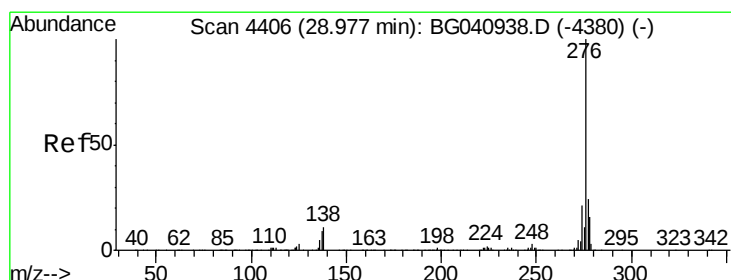
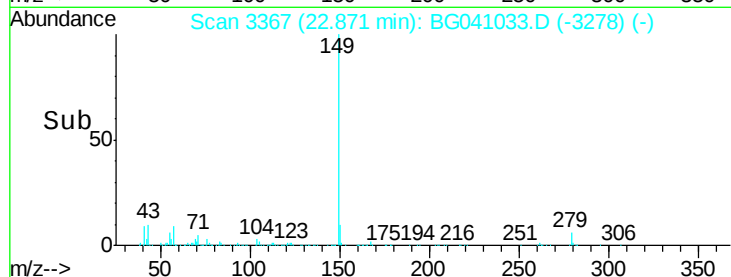
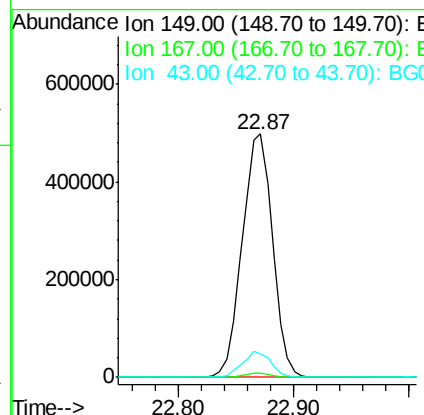
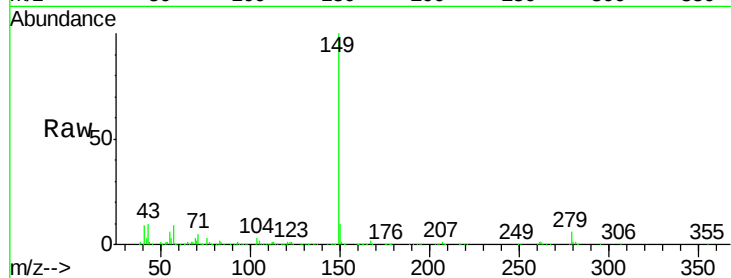




#85
Di-n-octyl phthalate
Concen: 30.955 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

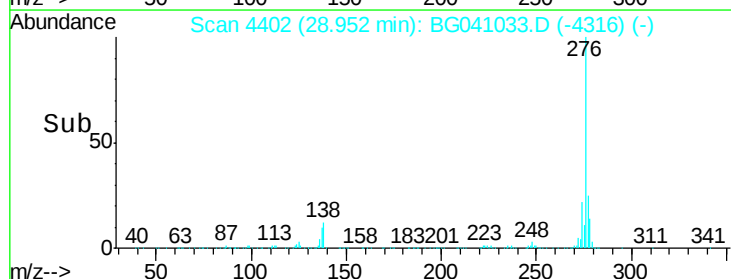
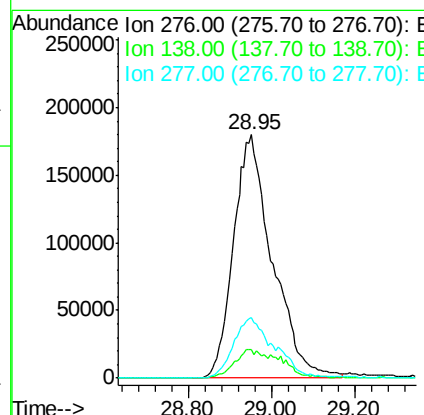
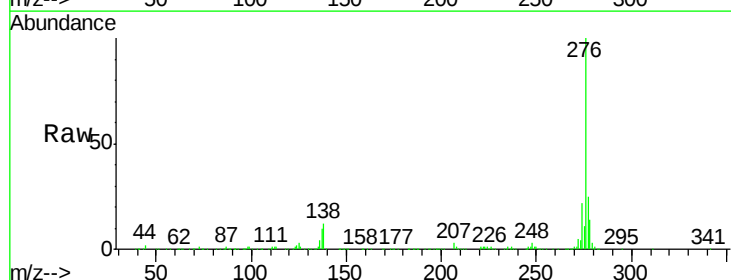
Instrument :
BNA_G
ClientSampleId :
PB120082BS

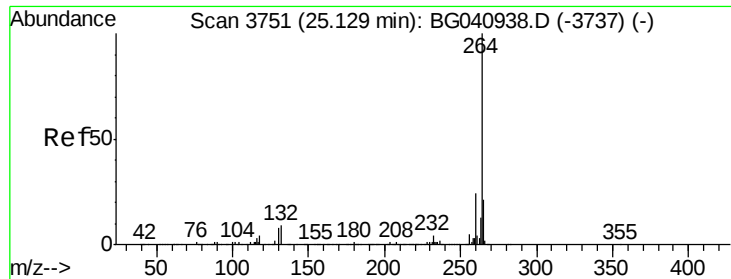
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.1	12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.326 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.03 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.0	5.7	8.5#
277	26.0	20.8	31.2



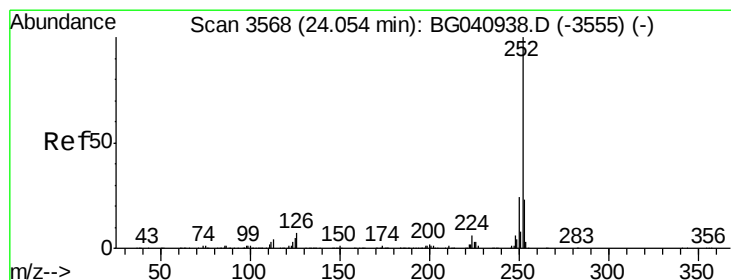
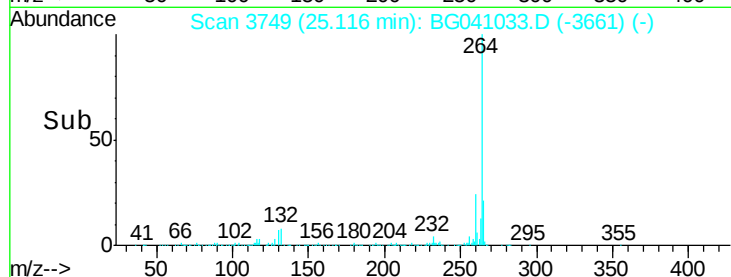
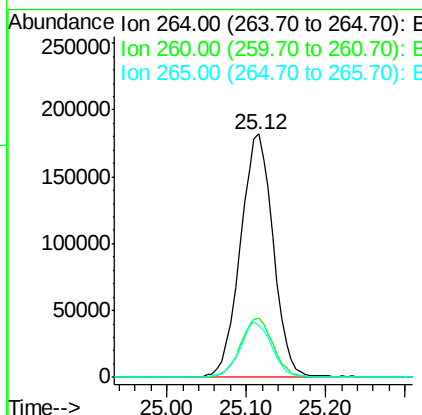
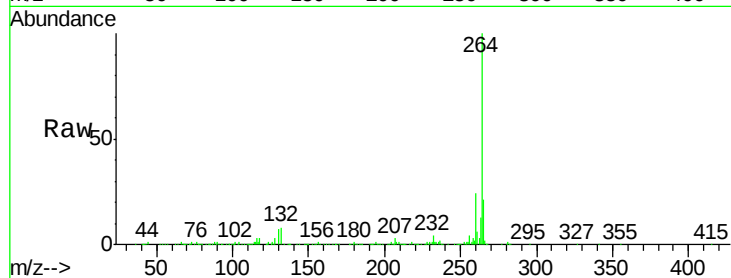


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:264 Resp: 522184

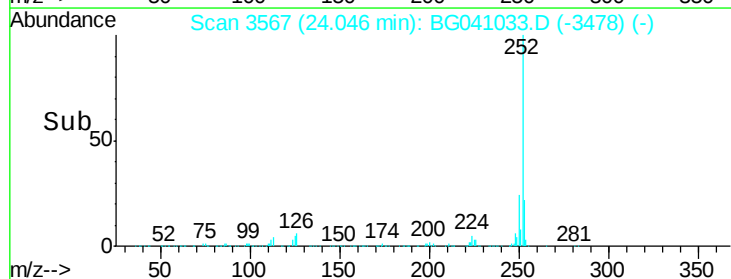
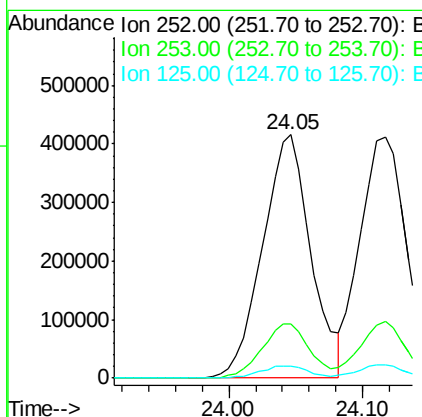
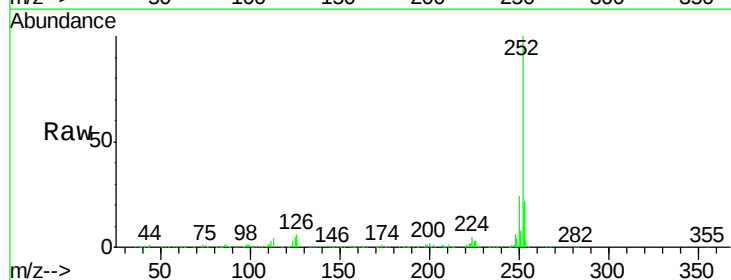
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.1	17.0	25.4

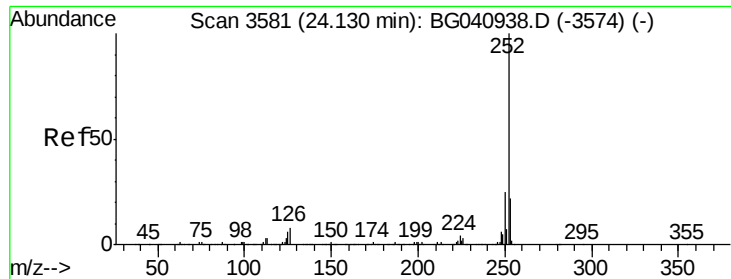


#88
Benzo(b)fluoranthene
Concen: 33.007 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:252 Resp: 1045420

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.1	4.3	6.5

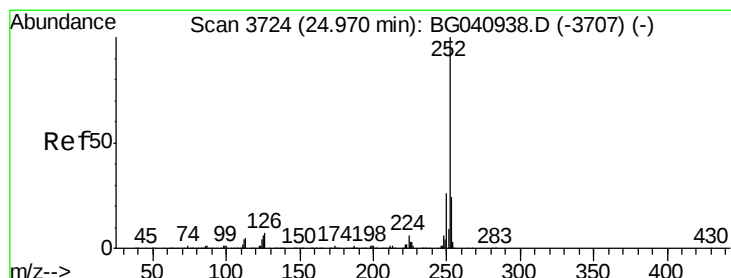
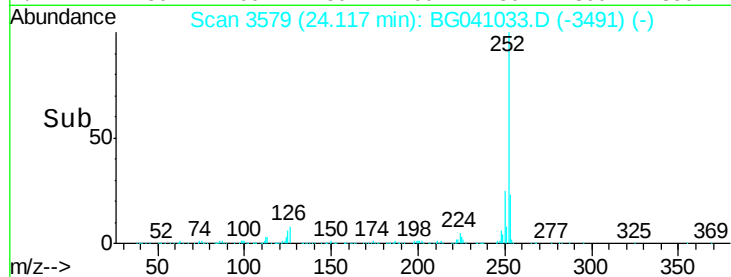
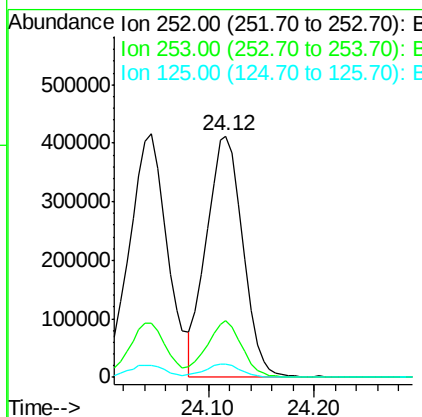
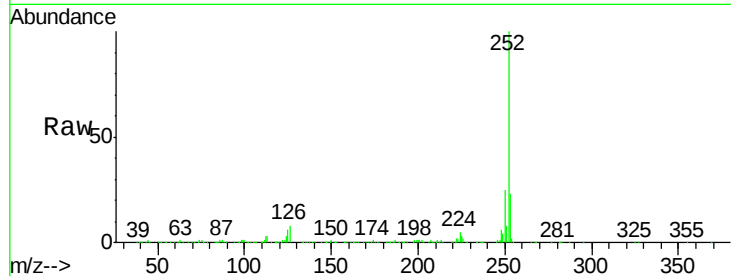




#89
Benzo(k)fluoranthene
Concen: 31.455 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

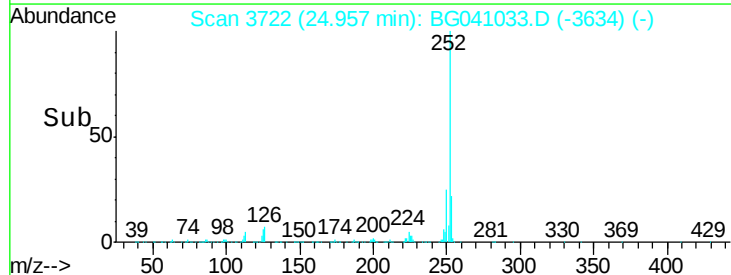
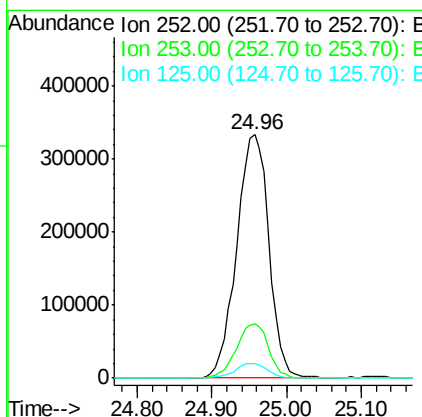
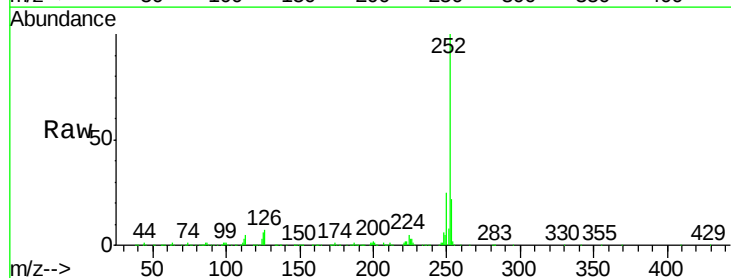
Instrument :
BNA_G
ClientSampleId :
PB120082BS

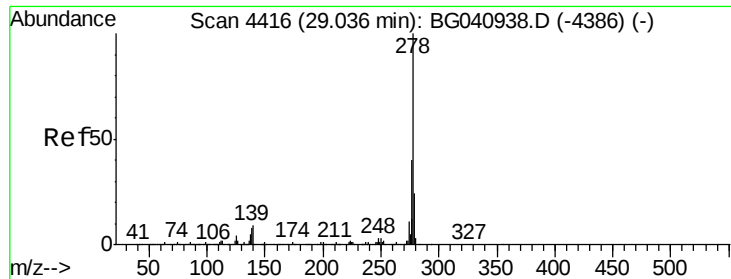
Tot Ion:252 Resp: 985852
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 5.7 4.7 7.1



#90
Benzo(a)pyrene
Concen: 33.031 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:252 Resp: 998115
Ion Ratio Lower Upper
252 100
253 22.3 19.5 29.3
125 6.0 5.1 7.7



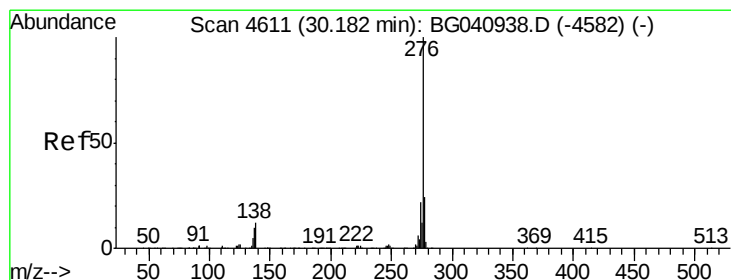
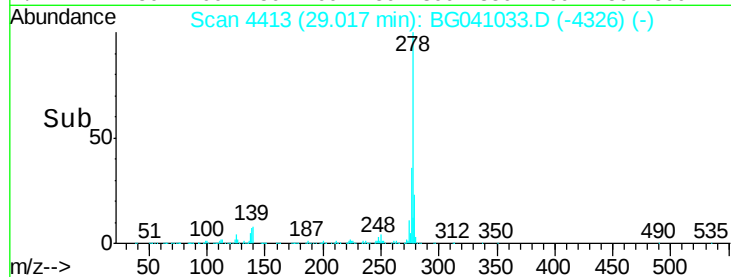
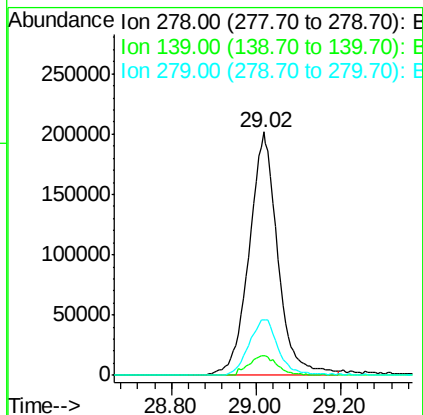
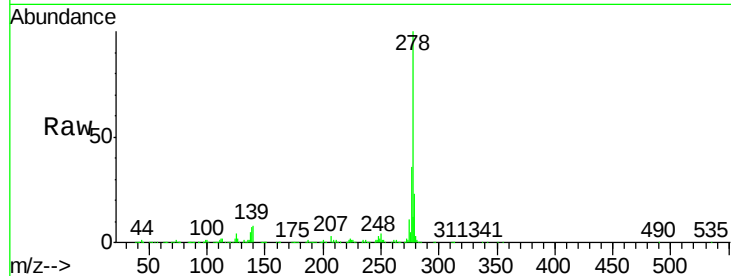


#91
Dibenzo(a,h)anthracene
Concen: 31.660 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:278 Resp: 955932

Ion	Ratio	Lower	Upper
278	100		
139	7.9	7.1	10.7
279	22.7	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 32.205 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041033.D
Acq: 3 Jun 2019 14:21

Tgt Ion:276 Resp: 944699

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	10.0	9.7	14.5

