

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041132.D
 Acq On : 8 Jun 2019 14:14
 Operator : HP/JU
 Sample : K3153-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:00:39 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	8.10	152	41268	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	164139	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	123131	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	334544	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	347000	20.00	ng	-0.03
87) Perylene-d12	25.08	264	366855	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	301487	131.74	ng	-0.02
7) Phenol-d6	7.25	99	405817	114.82	ng	-0.02
23) Nitrobenzene-d5	9.28	82	324466	87.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	270446	147.95	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	760217	88.91	ng	-0.02
79) Terphenyl-d14	20.08	244	1500105	91.75	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	35767	34.441	ng	# 28
3) Pyridine	3.93	79	92874	30.223	ng	95
4) n-Nitrosodimethylamine	3.84	42	55095	38.631	ng	88
6) Aniline	7.43	93	54014	11.449	ng	100
8) 2-Chlorophenol	7.66	128	111044	40.699	ng	97
9) Benzaldehyde	7.24	77	37386	17.732	ng	94
10) Phenol	7.28	94	132219	34.889	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	105340	38.316	ng	98
12) 1,3-Dichlorobenzene	7.99	146	123456	37.885	ng	94
13) 1,4-Dichlorobenzene	8.14	146	123754	37.518	ng	97
14) 1,2-Dichlorobenzene	8.46	146	119304	37.251	ng	96
15) Benzyl Alcohol	8.34	79	128981	39.449	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	161348	35.916	ng	98
17) 2-Methylphenol	8.54	107	106025	38.640	ng	97
18) Hexachloroethane	9.19	117	48429	38.094	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	101286	37.238	ng	94
20) 3+4-Methylphenols	8.87	107	145915	38.390	ng	98
22) Acetophenone	8.94	105	195564	42.473	ng	# 96
24) Nitrobenzene	9.32	77	155966	41.393	ng	97
25) Isophorone	9.84	82	288490	41.000	ng	99
26) 2-Nitrophenol	10.04	139	66176	42.603	ng	# 81
27) 2,4-Dimethylphenol	10.08	122	117267	45.711	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	150307	39.579	ng	98
29) 2,4-Dichlorophenol	10.56	162	135714	41.659	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	147294	39.745	ng	98
31) Naphthalene	10.98	128	359380	40.779	ng	99
32) Benzoic acid	10.19	122	32922	21.839	ng	95
33) 4-Chloroaniline	11.09	127	13274	3.246	ng	94
34) Hexachlorobutadiene	11.24	225	105956	37.366	ng	96
35) Caprolactam	11.87	113	22815	21.208	ng	91
36) 4-Chloro-3-methylphenol	12.19	107	158295	42.546	ng	96
37) 2-Methylnaphthalene	12.57	142	277363	40.864	ng	98
38) 1-Methylnaphthalene	12.57	142	277363	43.365	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	207566	41.824	ng	98

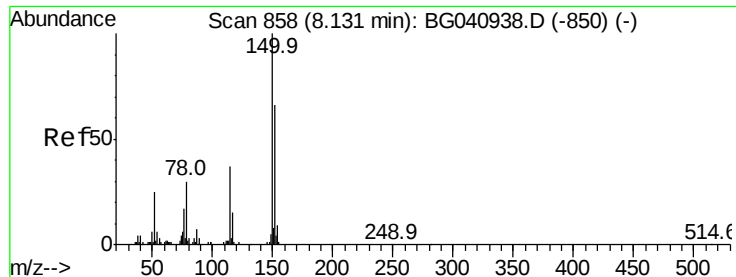
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041132.D
 Acq On : 8 Jun 2019 14:14
 Operator : HP/JU
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 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:00:39 2019
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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	12.90	237	230205	85.644	nq	95
43) 2,4,6-Trichlorophenol	13.17	196	136856	42.627	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	150460	44.437	nq	98
46) 1,1'-Biphenyl	13.57	154	386956	42.455	nq	99
47) 2-Chloronaphthalene	13.62	162	316472	40.446	nq	98
48) 2-Nitroaniline	13.83	65	121023	43.114	nq	97
49) Acenaphthylene	14.47	152	503659	42.768	nq	100
50) Dimethylphthalate	14.18	163	433364	41.577	nq	99
51) 2,6-Dinitrotoluene	14.32	165	100305	44.633	nq	92
52) Acenaphthene	14.80	154	299703	42.010	nq	98
53) 3-Nitroaniline	14.65	138	28487	12.677	nq	# 88
54) 2,4-Dinitrophenol	14.85	184	69783	65.159	nq	97
55) Dibenzofuran	15.14	168	523475	43.608	nq	98
56) 4-Nitrophenol	14.94	139	132763	86.132	nq	96
57) 2,4-Dinitrotoluene	15.10	165	146680	46.206	nq	97
58) Fluorene	15.78	166	420075	43.941	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	155249	46.656	nq	99
60) Diethylphthalate	15.54	149	459154	43.165	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	264544	42.574	nq	96
62) 4-Nitroaniline	15.81	138	99184	41.690	nq	93
63) Azobenzene	16.06	77	420042	43.447	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	63173	37.523	nq	98
66) n-Nitrosodiphenylamine	15.99	169	391843	41.666	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	174637	38.681	nq	98
68) Hexachlorobenzene	16.77	284	184582	38.394	nq	99
69) Atrazine	16.92	200	172773	47.612	nq	95
70) Pentachlorophenol	17.12	266	171294	67.229	nq	98
71) Phenanthrene	17.52	178	754312	43.287	nq	100
72) Anthracene	17.62	178	773189	44.988	nq	98
73) Carbazole	17.89	167	686666	46.564	nq	100
74) Di-n-butylphthalate	18.41	149	801491	43.729	nq	98
75) Fluoranthene	19.52	202	1005975	46.738	nq	100
77) Benzidine	19.71	184	64918	7.842	nq	98
78) Pyrene	19.89	202	997723	44.231	nq	99
80) Butylbenzylphthalate	20.75	149	384237	43.771	nq	98
81) Benzo(a)anthracene	21.74	228	979860	42.421	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	117914	14.514	nq	100
83) Chrysene	21.80	228	966567	43.728	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	525924	42.559	nq	97
85) Di-n-octyl phthalate	22.84	149	890394	43.264	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1172190	43.291	nq	# 96
88) Benzo(b)fluoranthene	24.01	252	1006491	45.233	nq	99
89) Benzo(k)fluoranthene	24.09	252	959595	43.581	nq	98
90) Benzo(a)pyrene	24.92	252	964391	45.428	nq	98
91) Dibenzo(a,h)anthracene	28.97	278	960854	45.297	nq	99
92) Benzo(g,h,i)perylene	30.11	276	964118	46.783	nq	98

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

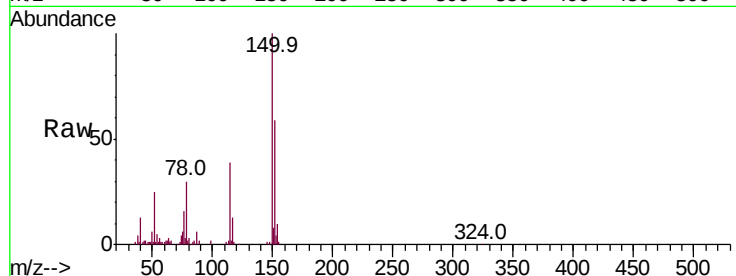


#1

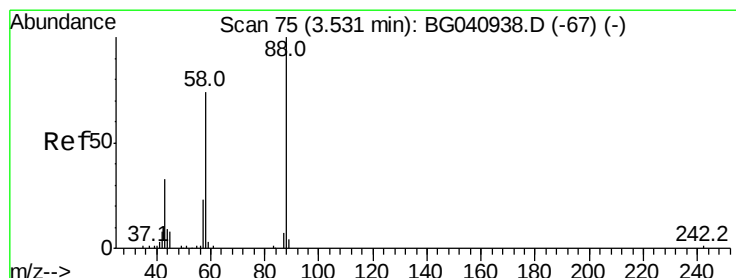
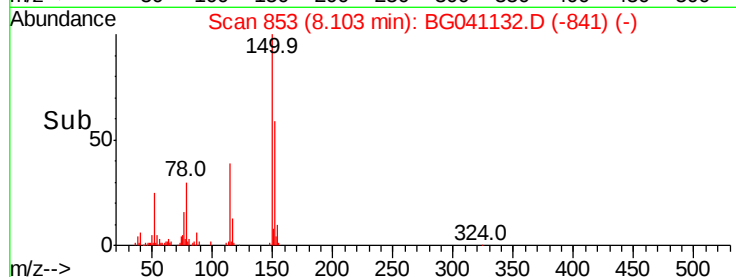
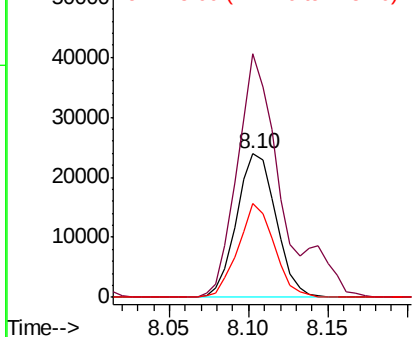
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41268
Ion Ratio Lower Upper
152 100
150 169.9 120.6 180.8
115 65.8 45.1 67.7



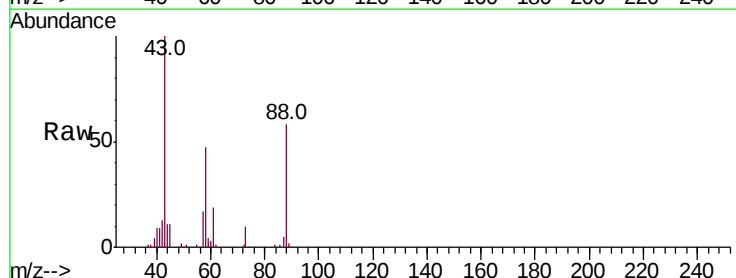
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



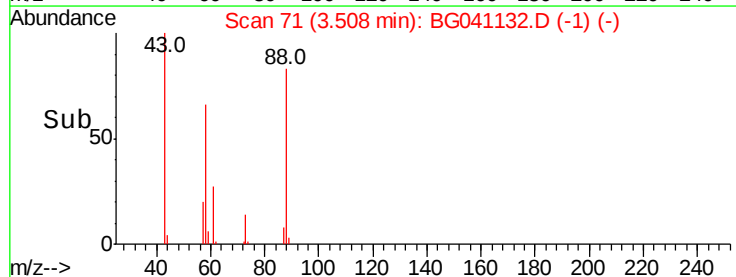
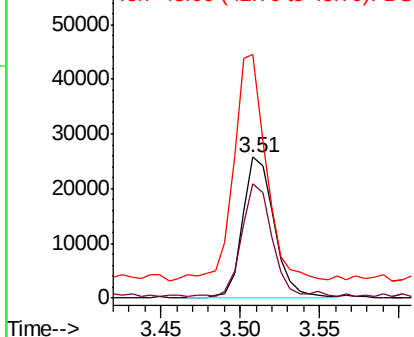
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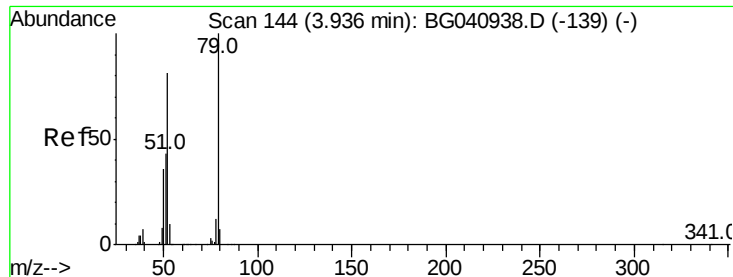
1,4-Dioxane
Concen: 34.441 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 88 Resp: 35767
Ion Ratio Lower Upper
88 100
58 75.5 59.0 88.6
43 162.6 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: 30.223 ng

RT: 3.93 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

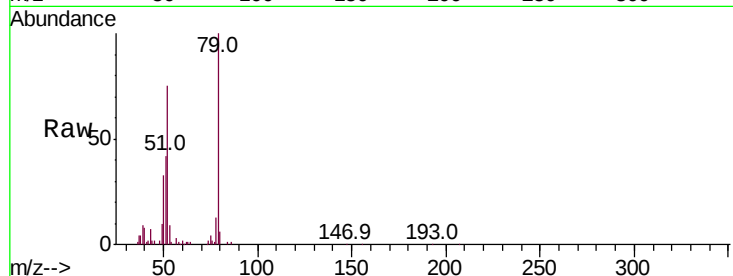
Tot Ion: 79 Resp: 92874

Ion Ratio Lower Upper

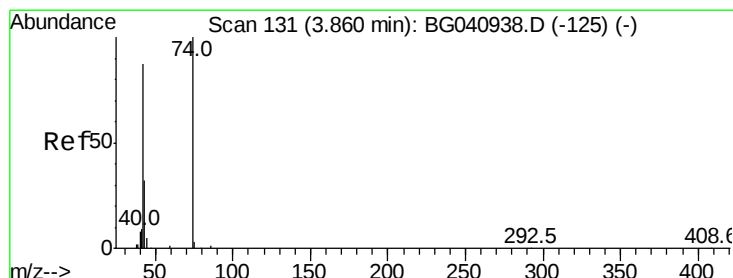
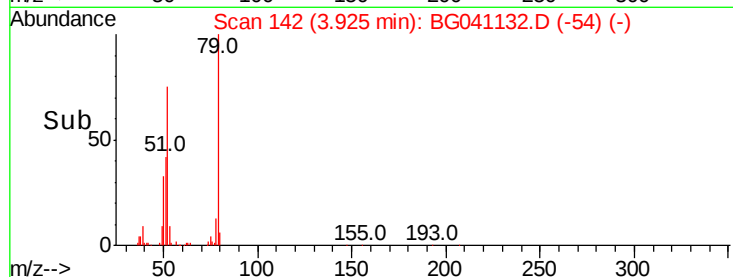
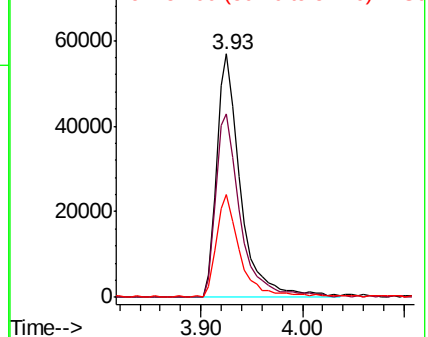
79 100

52 75.2 64.8 97.2

51 42.3 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.631 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

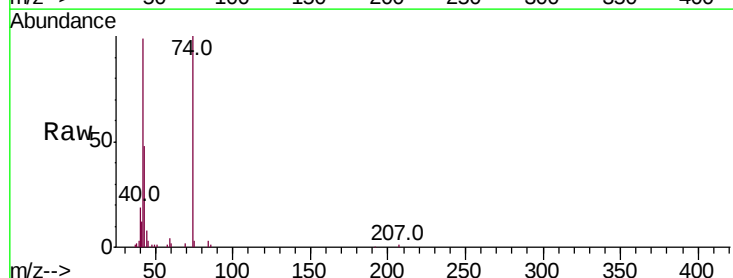
Tgt Ion: 42 Resp: 55095

Ion Ratio Lower Upper

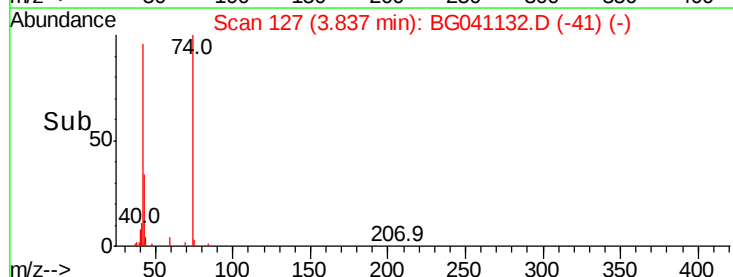
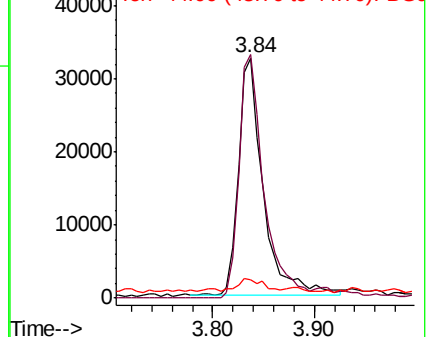
42 100

74 101.3 91.8 137.6

44 7.7 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.735 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampled :

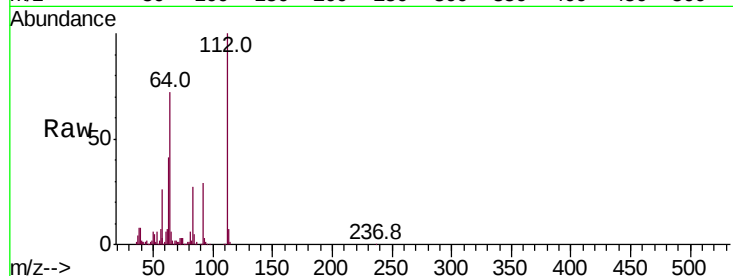
Tot Ion:112 Resp: 301487

Ion Ratio Lower Upper

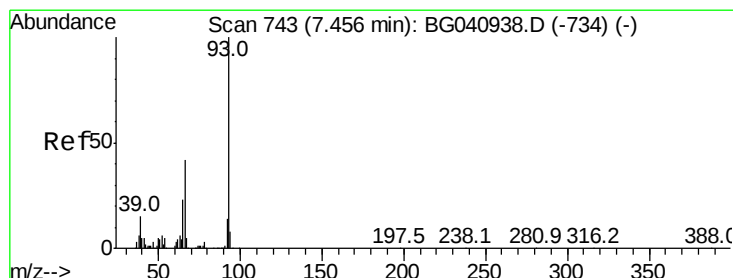
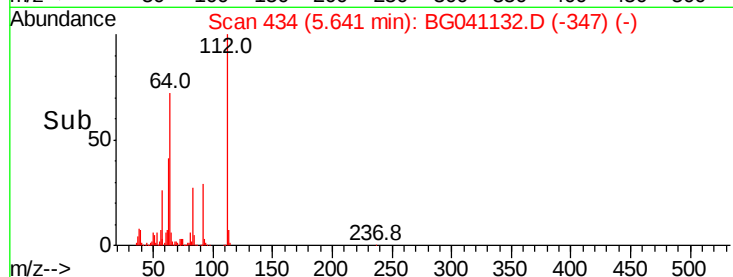
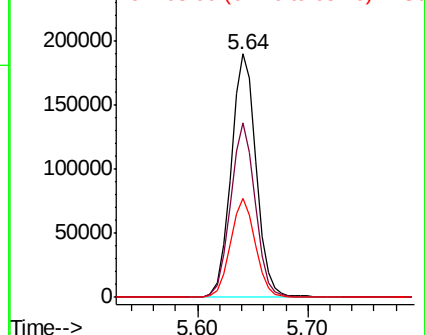
112 100

64 71.5 56.2 84.2

63 40.8 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: 11.449 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

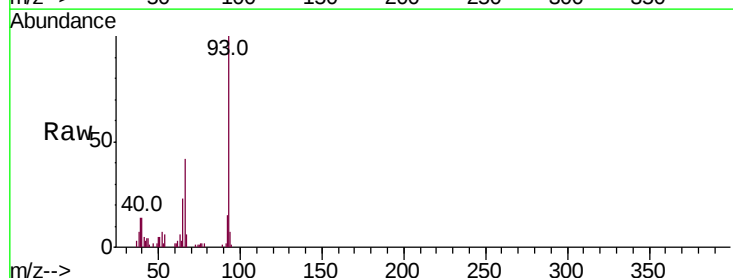
Tgt Ion: 93 Resp: 54014

Ion Ratio Lower Upper

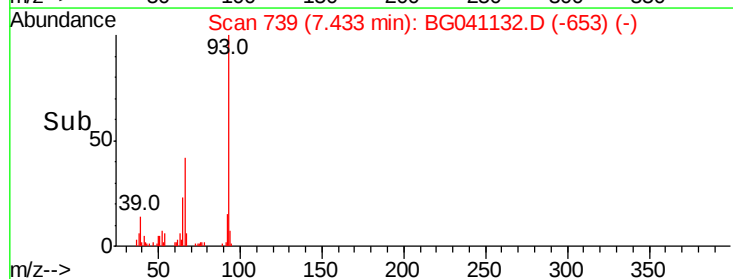
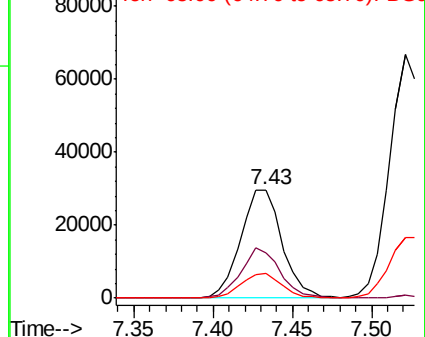
93 100

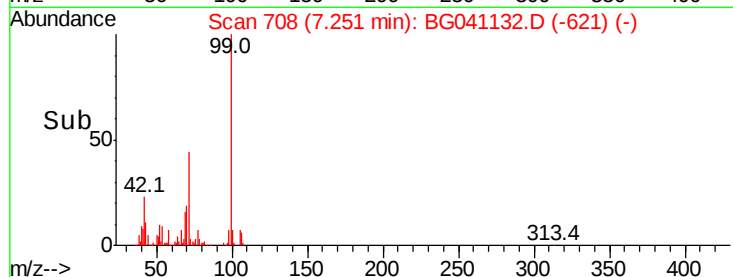
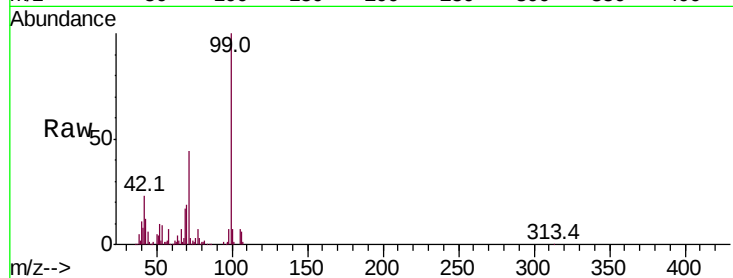
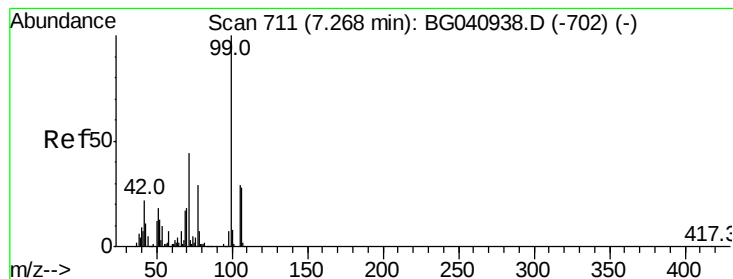
66 42.1 33.8 50.8

65 23.1 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: 114.817 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

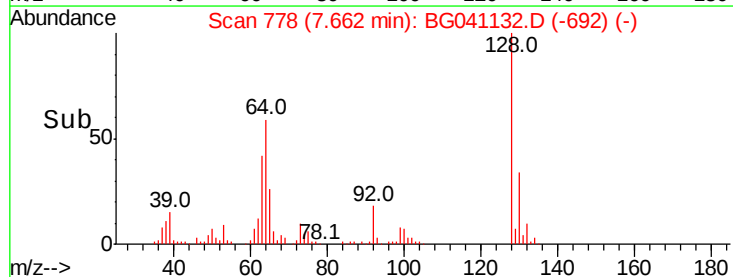
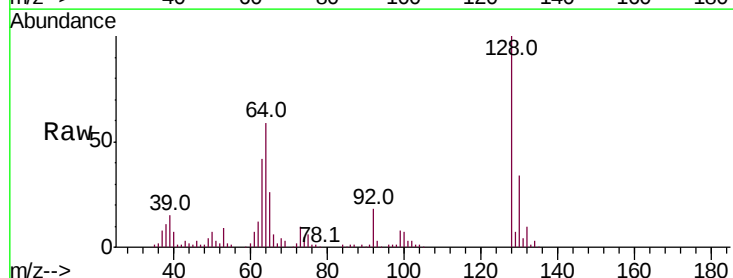
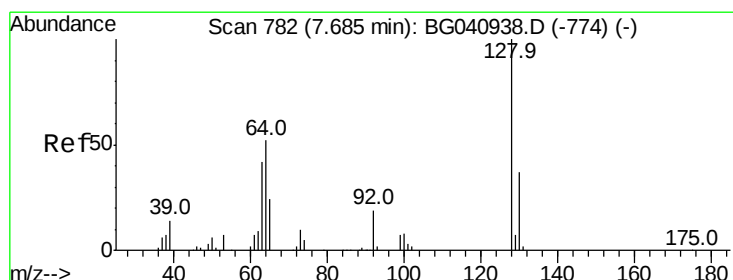
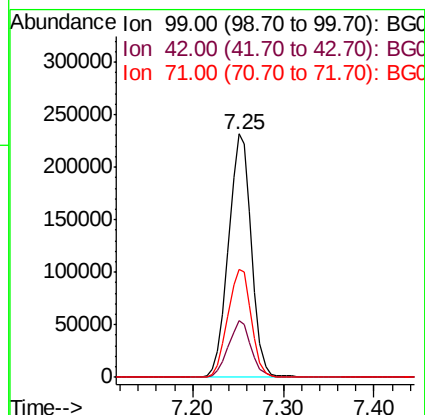
Tot Ion: 99 Resp: 405817

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 44.2 35.4 53.0



#8

2-Chlorophenol

Concen: 40.699 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

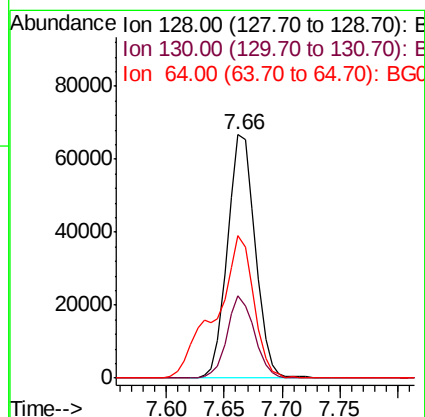
Tgt Ion: 128 Resp: 111044

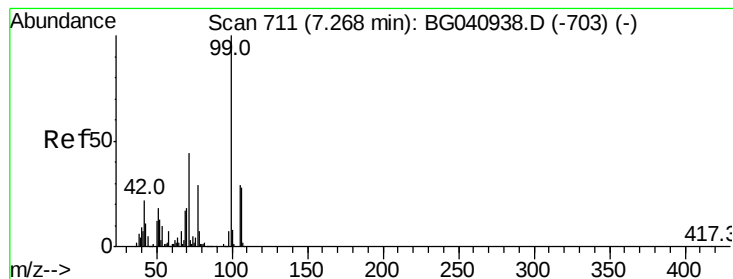
Ion Ratio Lower Upper

128 100

130 33.6 16.6 56.6

64 58.7 37.8 77.8





#9

Benzaldehyde

Concen: 17.732 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampled :

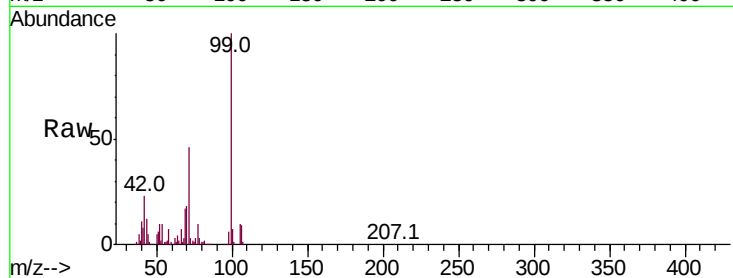
Tot Ion: 77 Resp: 37386

Ion Ratio Lower Upper

77 100

105 94.9 78.9 118.9

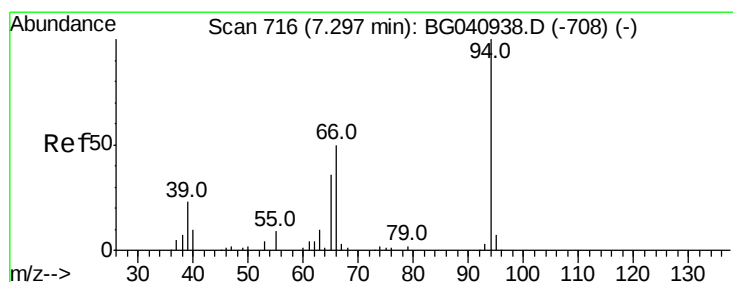
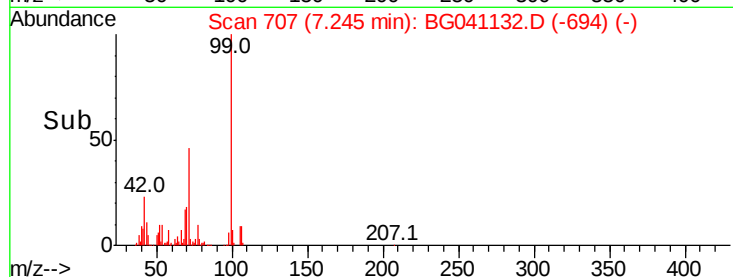
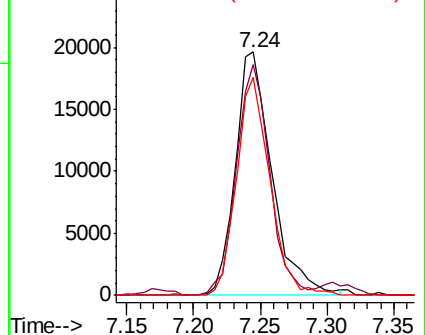
106 89.4 76.7 116.7



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: 34.889 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

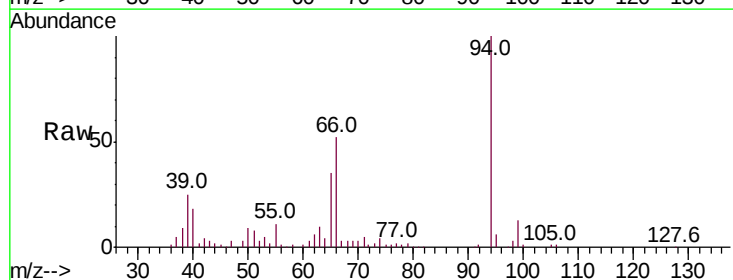
Tgt Ion: 94 Resp: 132219

Ion Ratio Lower Upper

94 100

65 34.8 17.0 57.0

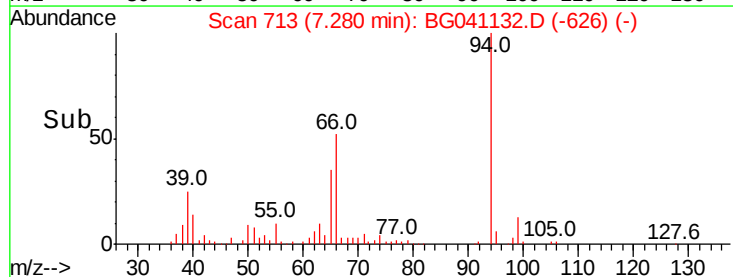
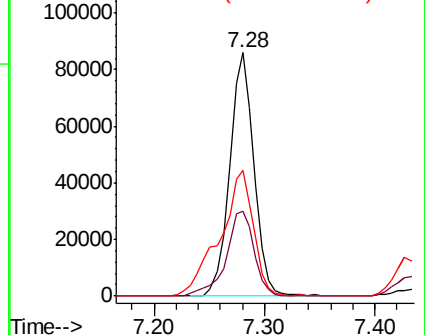
66 51.8 32.4 72.4

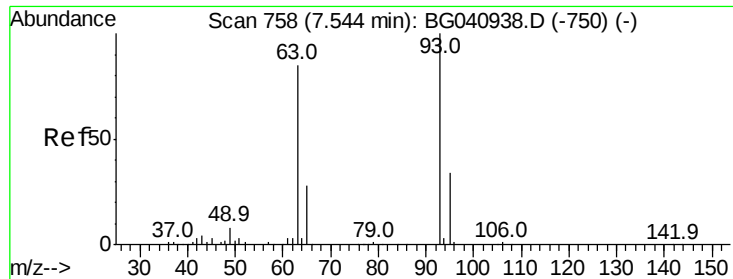


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



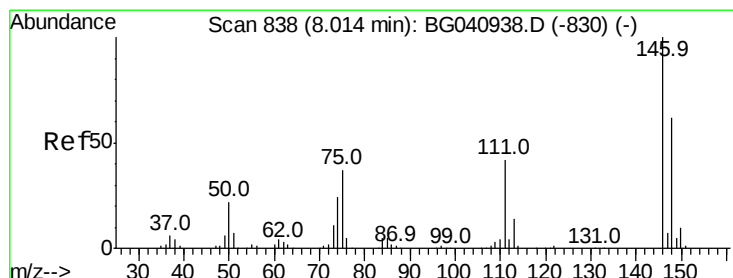
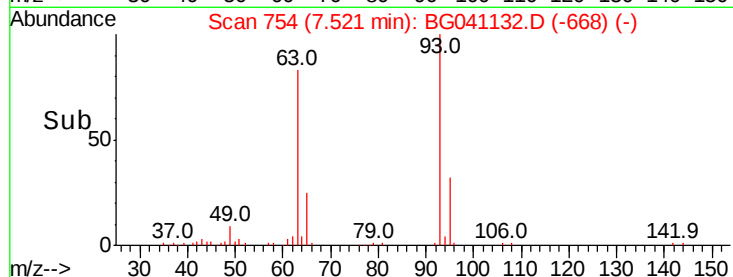
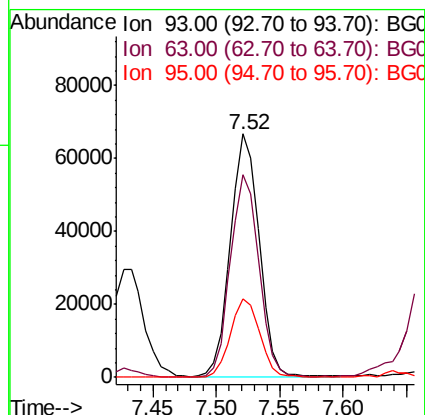
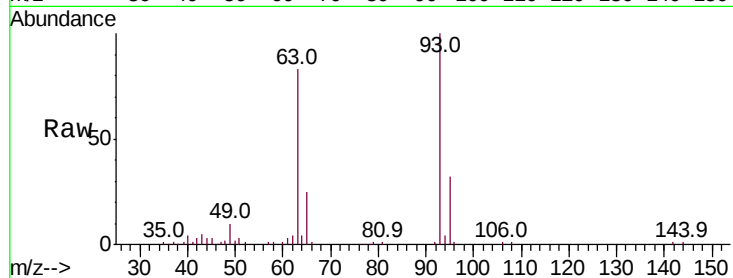


#11

bis(2-Chloroethyl)ether
Concen: 38.316 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

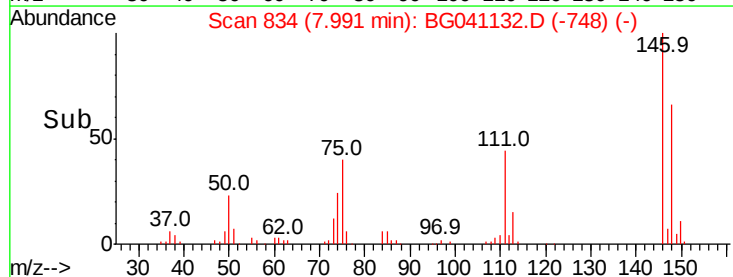
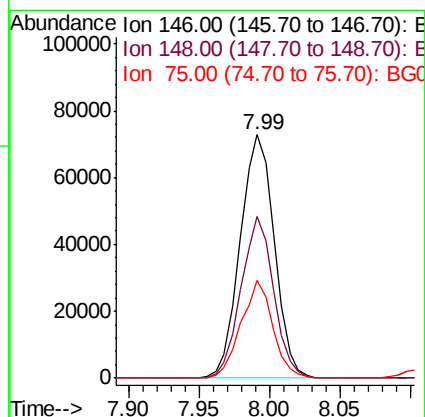
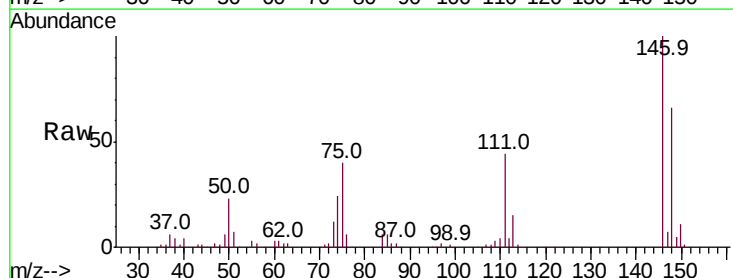
Tot Ion: 93 Resp: 105340
Ion Ratio Lower Upper
93 100
63 83.0 64.5 104.5
95 32.4 13.3 53.3

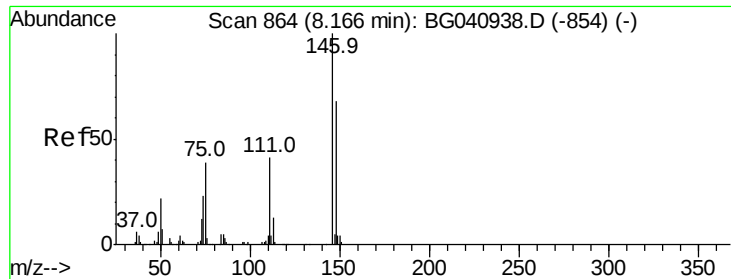


#12

1,3-Dichlorobenzene
Concen: 37.885 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 146 Resp: 123456
Ion Ratio Lower Upper
146 100
148 66.2 49.2 73.8
75 39.9 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 37.518 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampled :

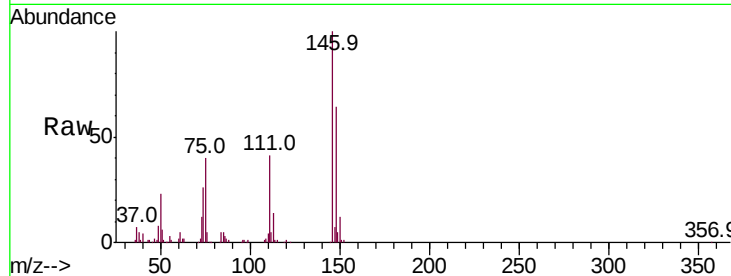
Tot Ion:146 Resp: 123754

Ion Ratio Lower Upper

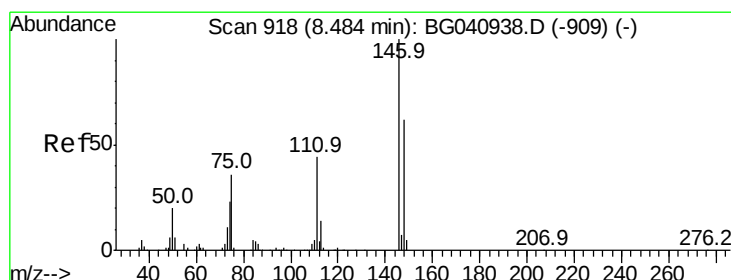
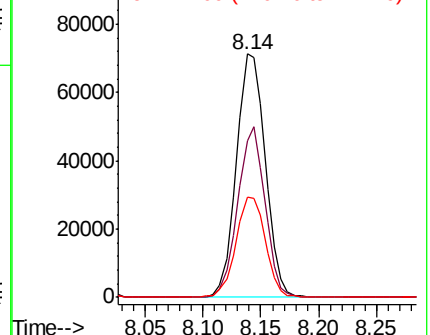
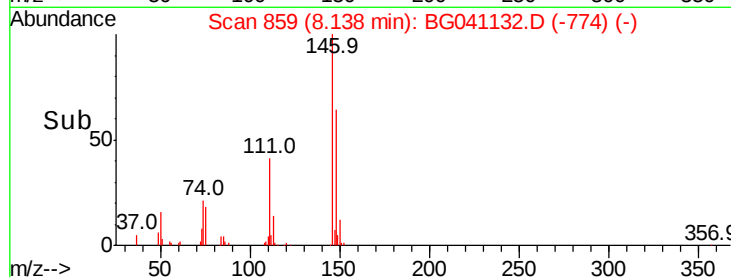
146 100

148 64.5 54.2 81.4

111 41.4 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: 37.251 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

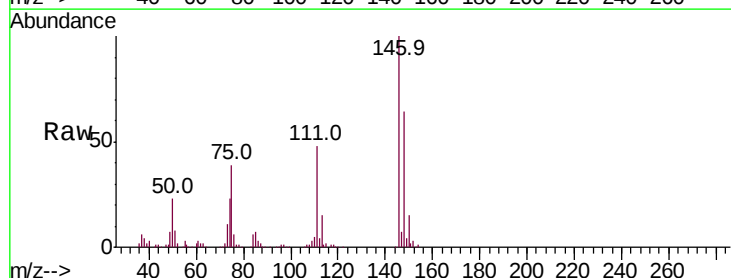
Tgt Ion:146 Resp: 119304

Ion Ratio Lower Upper

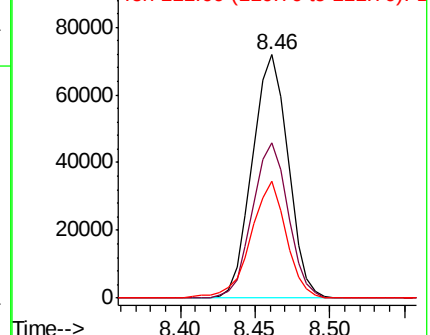
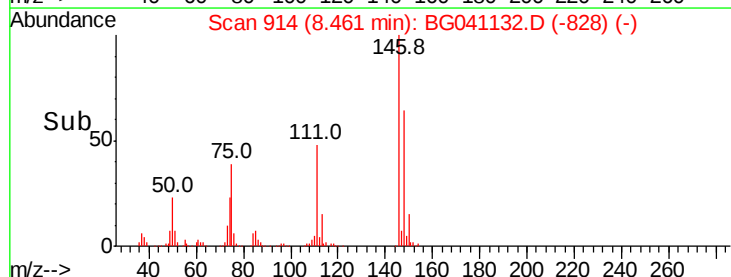
146 100

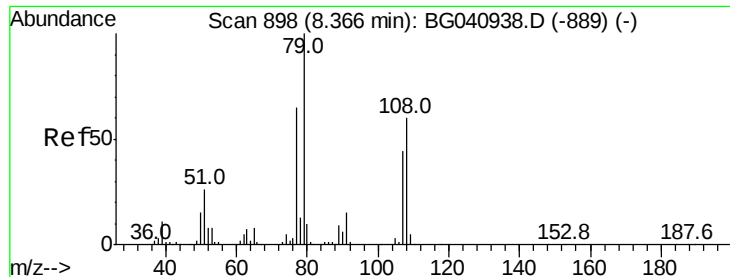
148 63.7 49.8 74.6

111 48.0 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: 39.449 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampled :

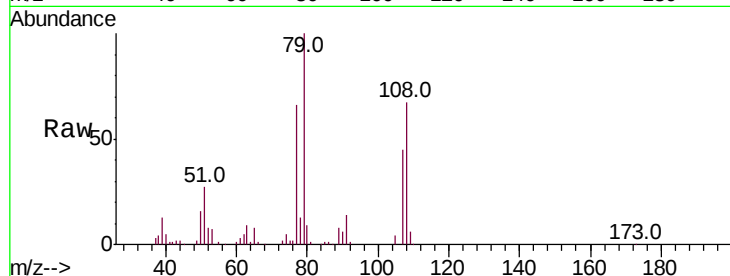
Tot Ion: 79 Resp: 128981

Ion Ratio Lower Upper

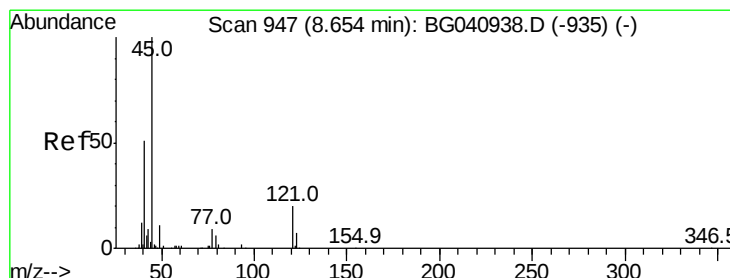
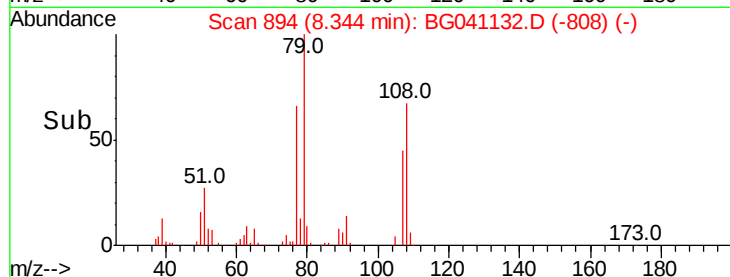
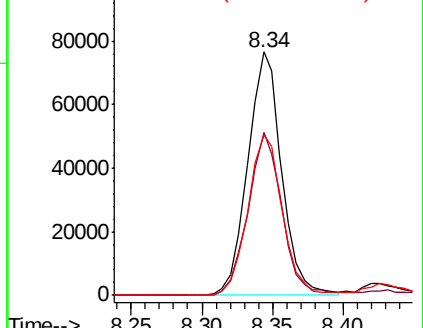
79 100

108 67.1 48.3 72.5

77 65.8 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.916 ng

RT: 8.63 min Scan# 942

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

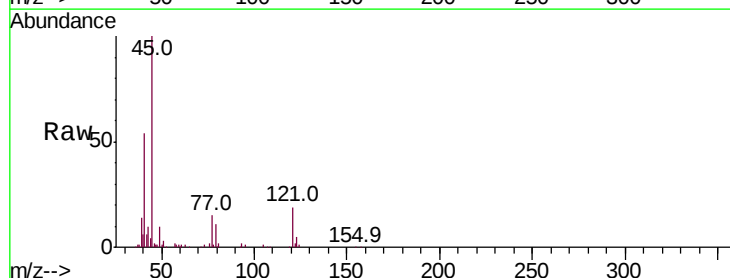
Tgt Ion: 45 Resp: 161348

Ion Ratio Lower Upper

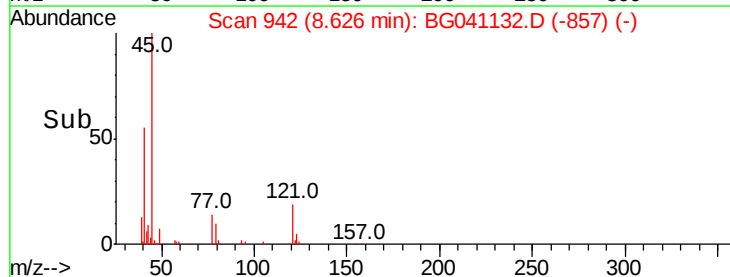
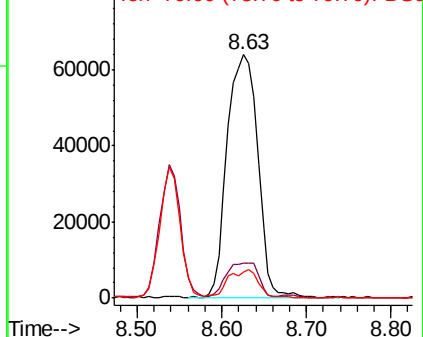
45 100

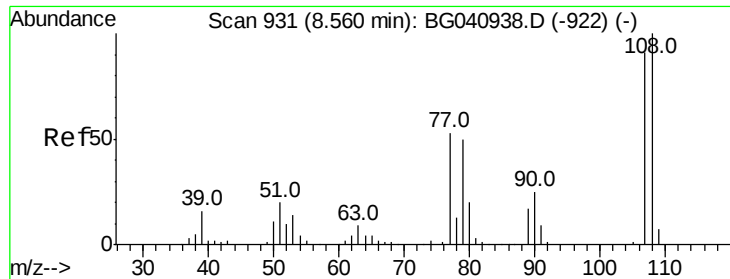
77 14.5 0.0 33.7

79 10.7 0.0 30.2



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

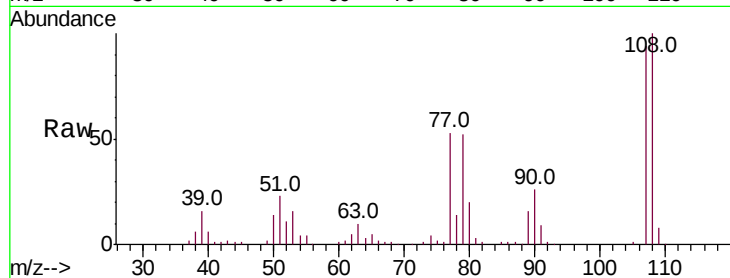




#17
2-Methylphenol
Concen: 38.640 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	106025
Ion	Ratio	Lower	Upper
107	100		
108	106.3	87.7	131.5
77	55.9	46.6	70.0
79	54.8	44.6	66.8



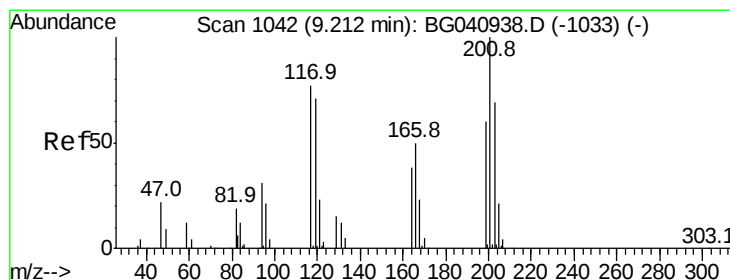
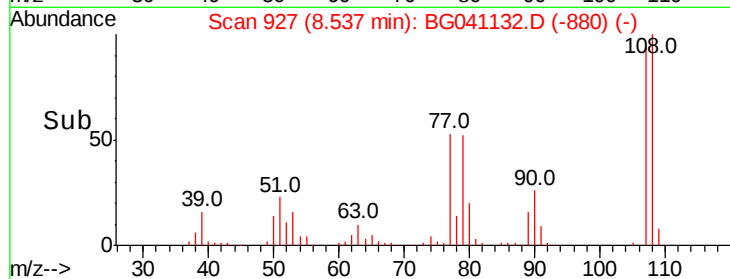
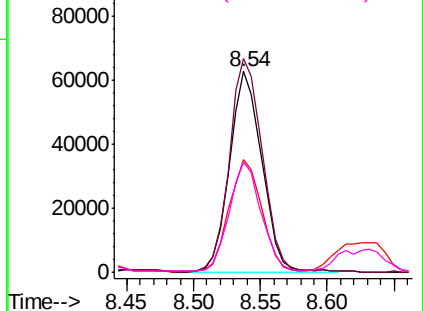
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

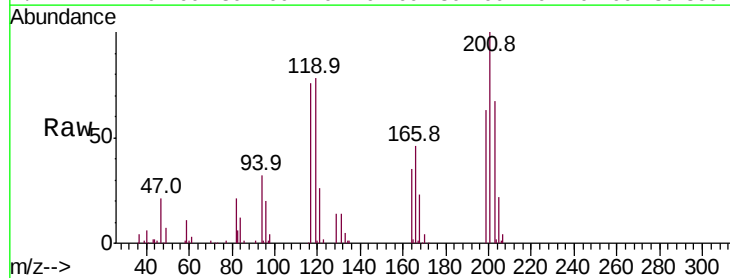
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.094 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:	117	Resp:	48429
Ion	Ratio	Lower	Upper
117	100		
119	102.5	75.0	112.6
201	130.8	103.5	155.3

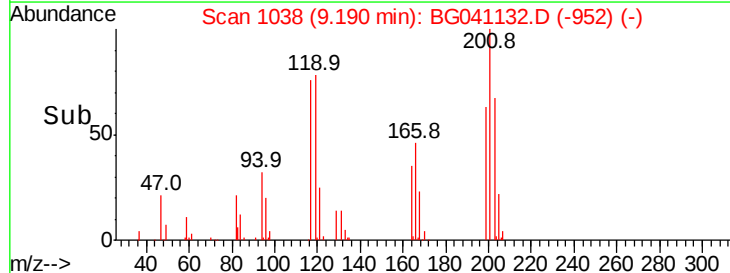
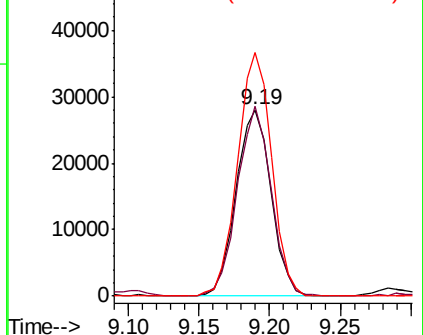


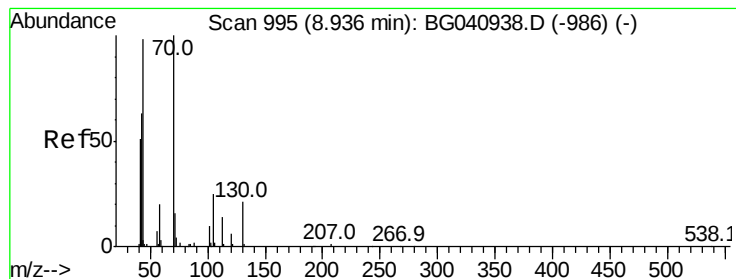
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.238 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 101286

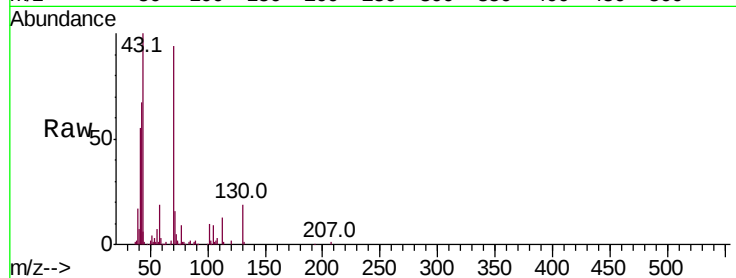
Ion Ratio Lower Upper

70 100

42 71.4 51.5 77.3

101 10.9 8.1 12.1

130 20.3 16.6 24.8

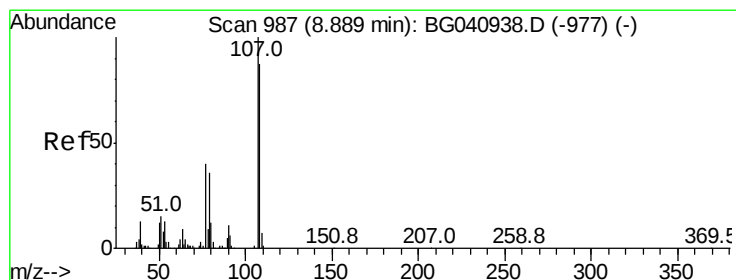
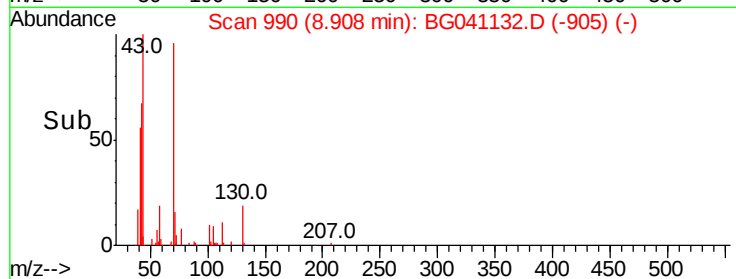
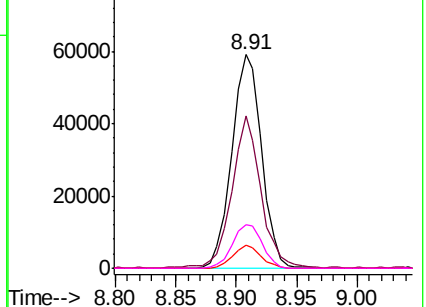


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.390 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion: 107 Resp: 145915

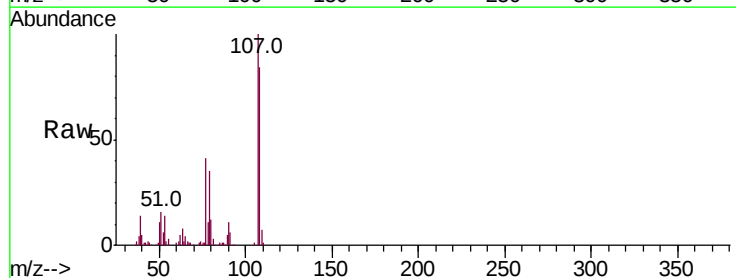
Ion Ratio Lower Upper

107 100

108 83.7 66.8 106.8

77 40.7 20.5 60.5

79 35.4 15.8 55.8

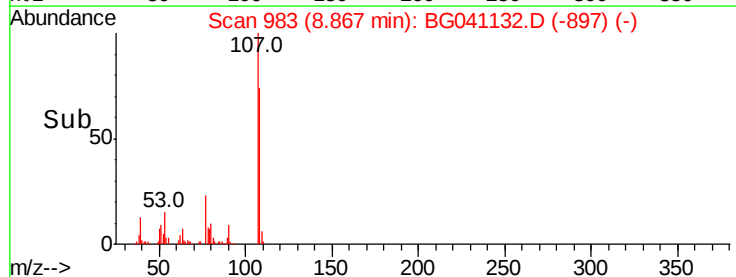
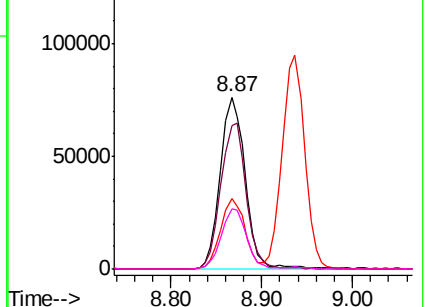


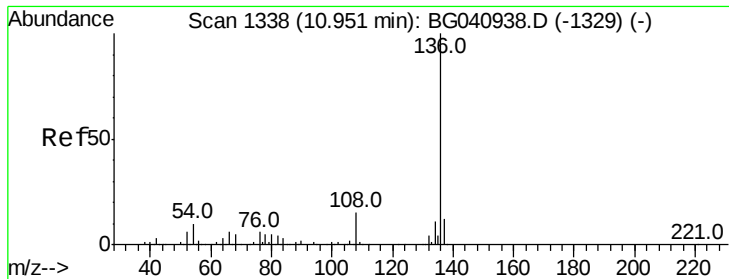
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

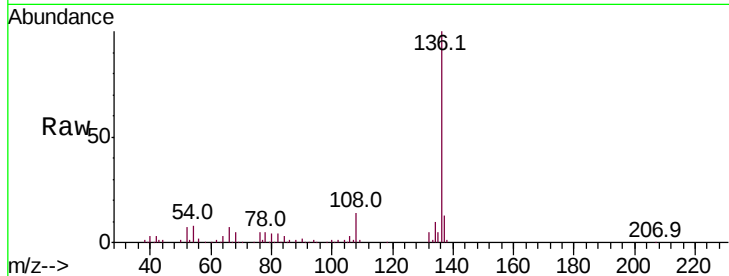




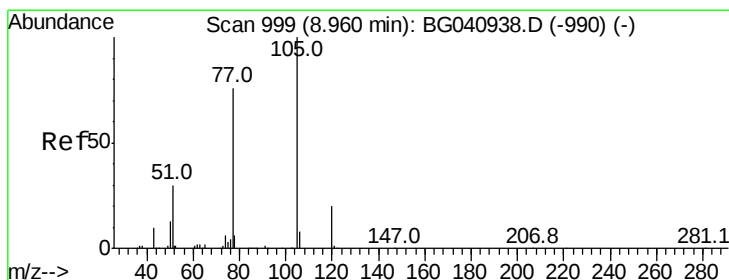
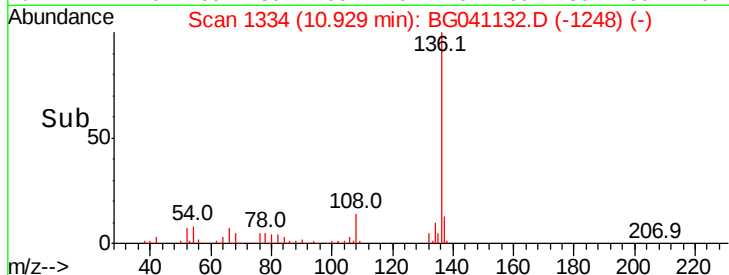
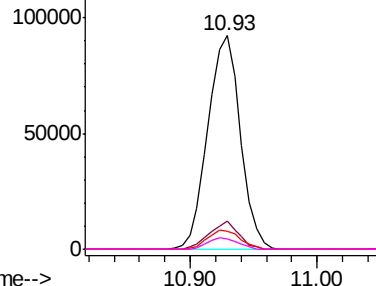
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp: 164139
Ion Ratio	Lower Upper
136 100	
137 13.0	9.5 14.3
54 8.5	7.6 11.4
68 4.7	3.9 5.9



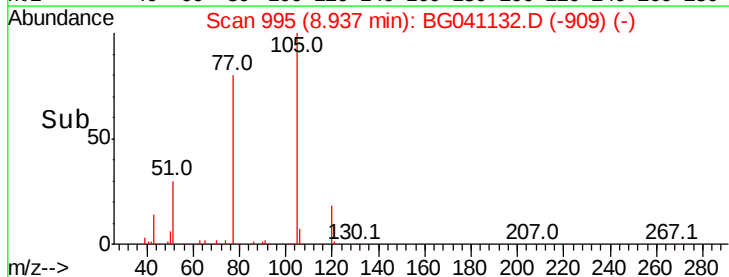
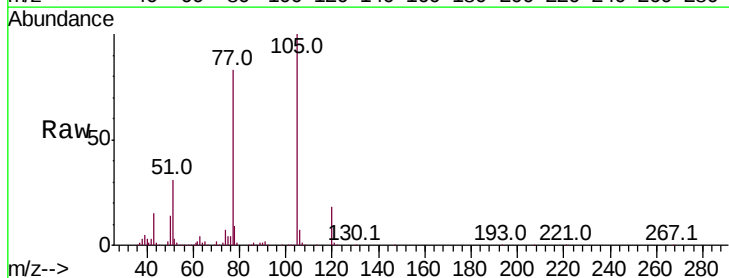
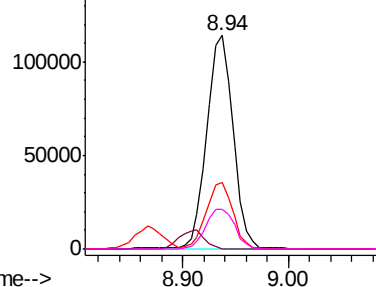
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.473 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:105	Resp: 195564
Ion Ratio	Lower Upper
105 100	
71 0.3	0.4 0.6#
51 31.1	27.0 40.6
120 18.5	16.2 24.4

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

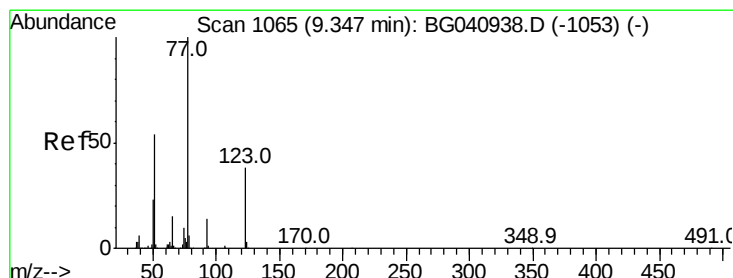
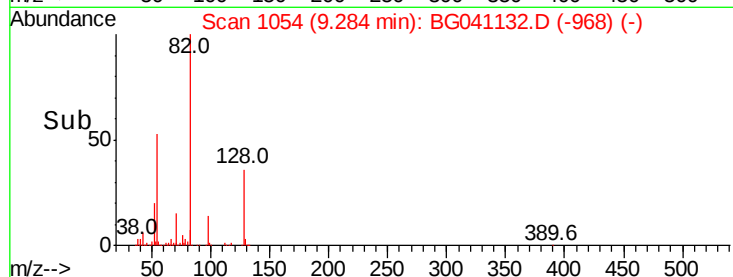
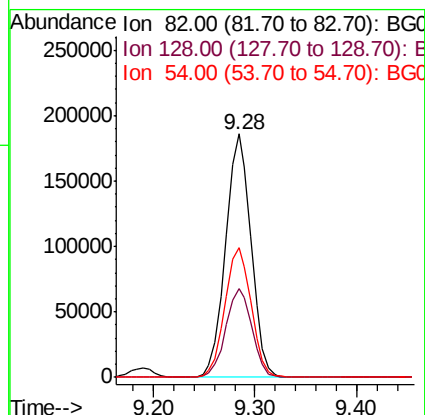
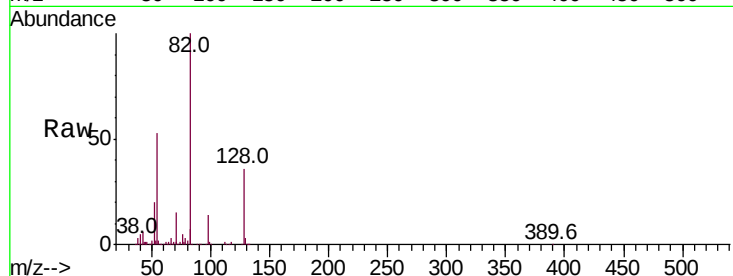




#23
 Nitrobenzene-d5
 Concen: 87.756 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

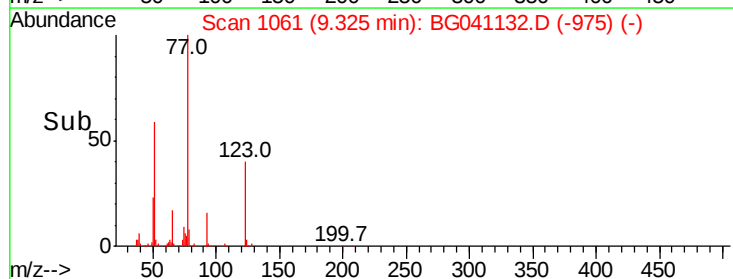
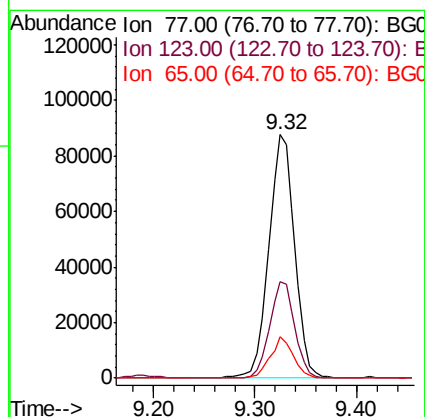
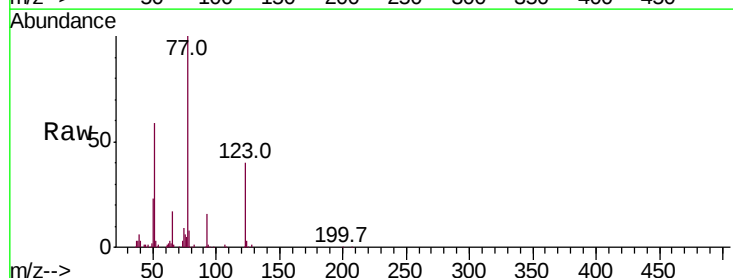
Instrument :
 BNA_G
 ClientSampleId :

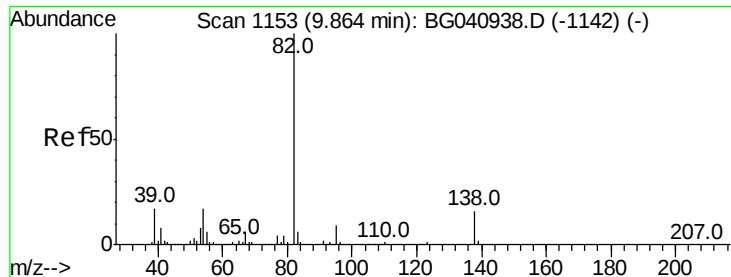
Tot Ion	82	Resp	324466
Ion Ratio	Lower	Upper	
82	100		
128	36.4	30.5	45.7
54	53.0	44.6	66.8



#24
 Nitrobenzene
 Concen: 41.393 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion	77	Resp	155966
Ion Ratio	Lower	Upper	
77	100		
123	39.9	30.6	46.0
65	17.2	12.3	18.5





#25

Isophorone

Concen: 41.000 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

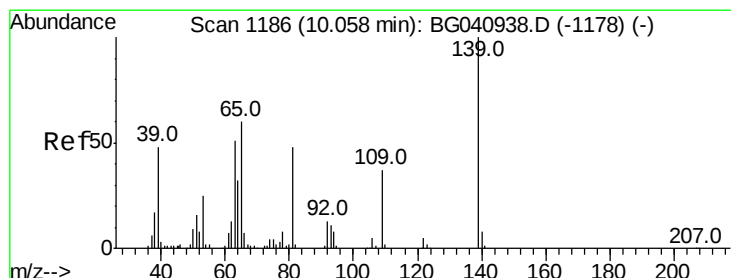
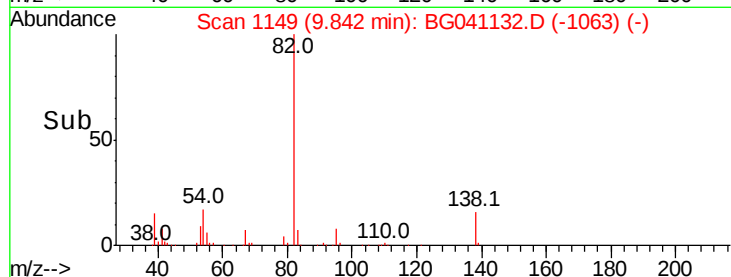
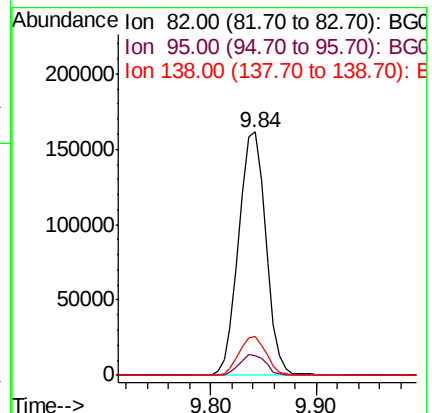
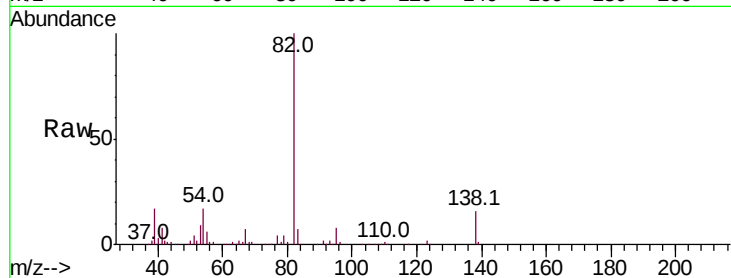
Tot Ion: 82 Resp: 288490

Ion Ratio Lower Upper

82 100

95 8.3 7.0 10.4

138 16.2 12.6 19.0



#26

2-Nitrophenol

Concen: 42.603 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

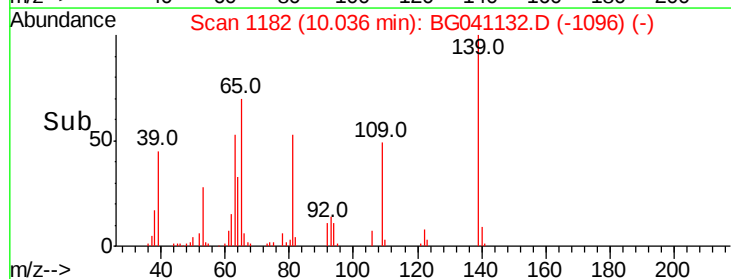
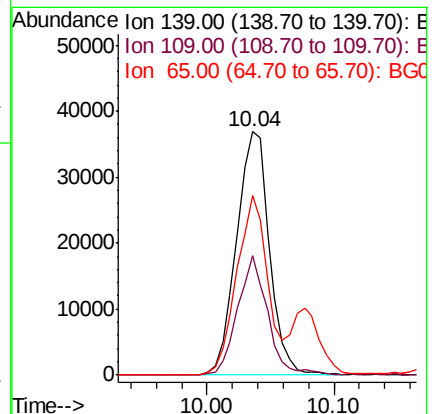
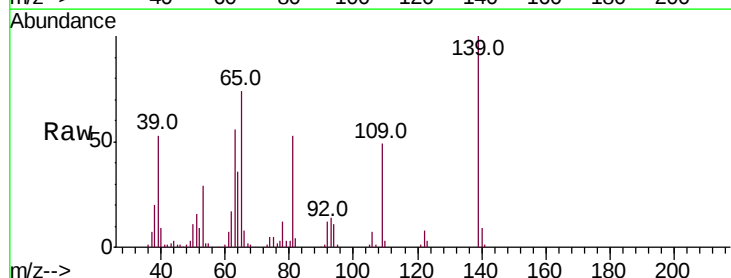
Tgt Ion: 139 Resp: 66176

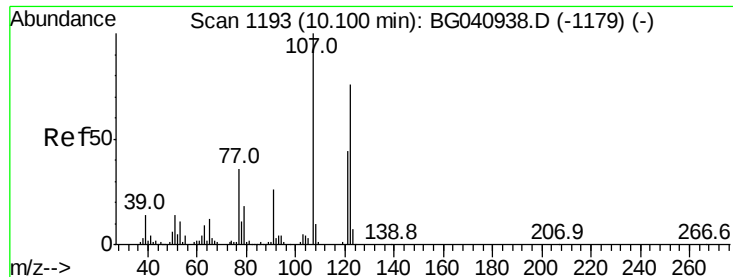
Ion Ratio Lower Upper

139 100

109 49.0 29.8 44.6#

65 73.8 47.8 71.6#

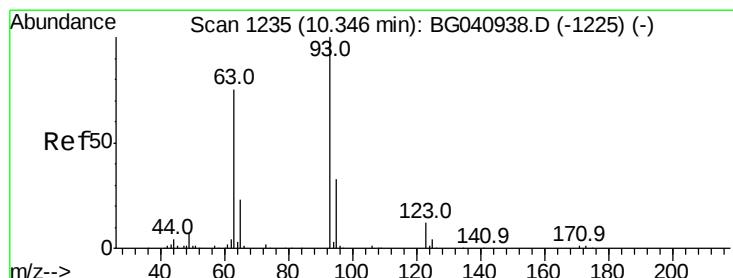
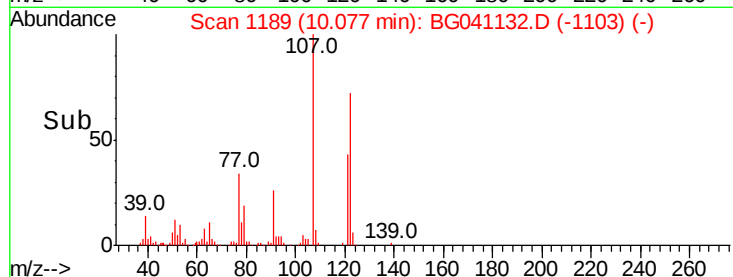
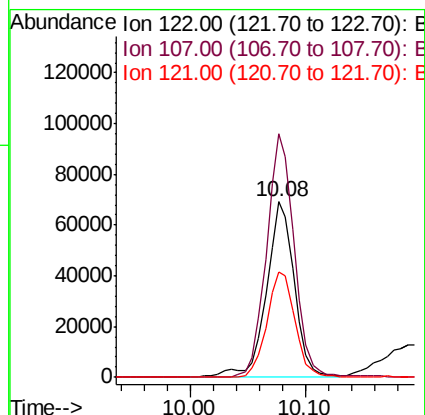
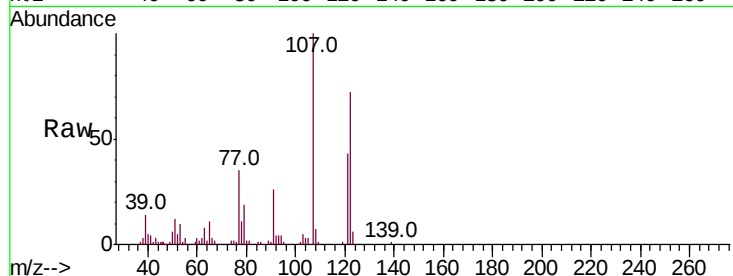




#27
 2,4-Dimethylphenol
 Concen: 45.711 ng
 RT: 10.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

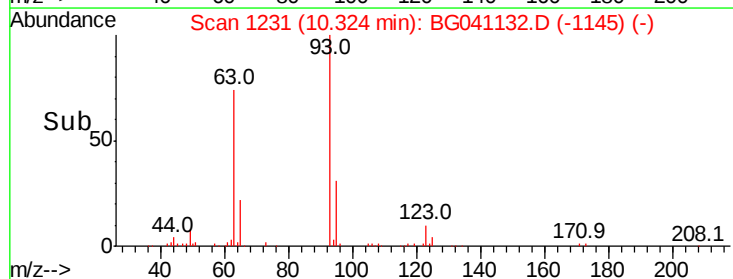
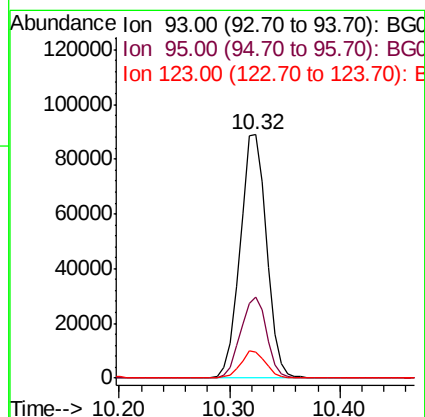
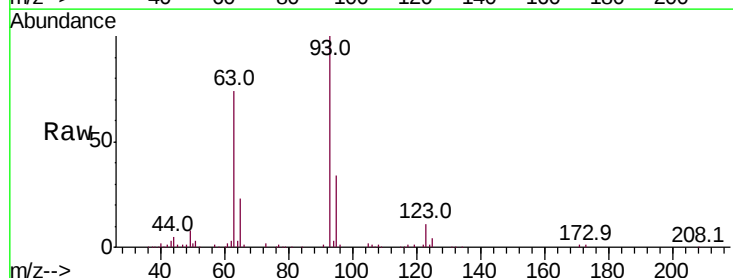
Instrument :
 BNA_G
 ClientSampleId :

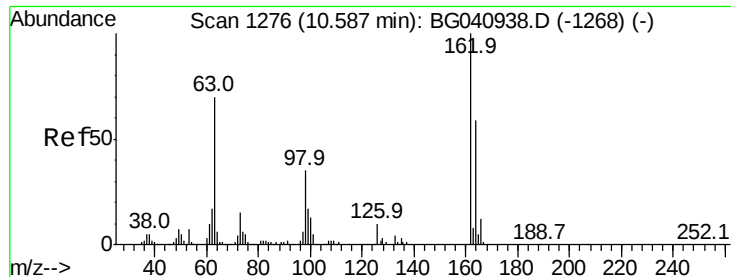
Tot Ion:122 Resp: 117267
 Ion Ratio Lower Upper
 122 100
 107 138.6 105.9 158.9
 121 60.0 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.579 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion: 93 Resp: 150307
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.2 39.2
 123 10.8 9.5 14.3

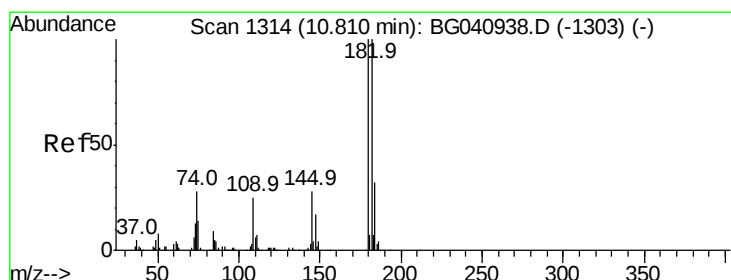
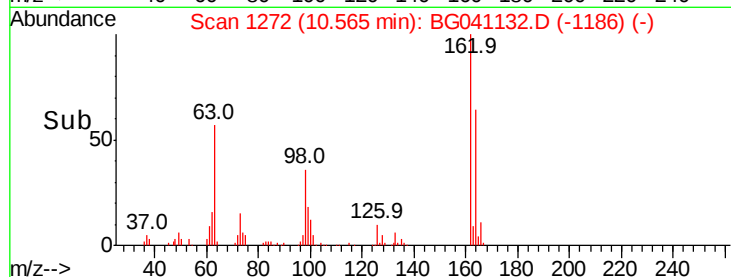
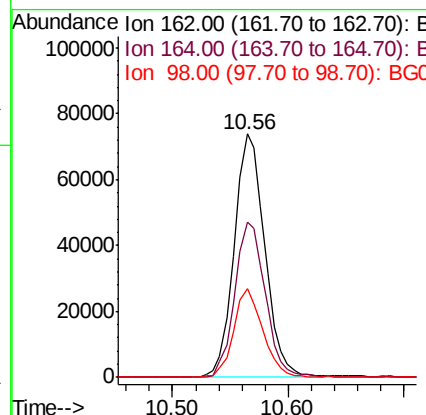
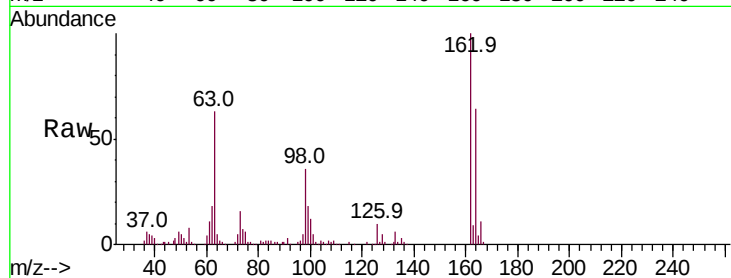




#29
 2,4-Dichlorophenol
 Concen: 41.659 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

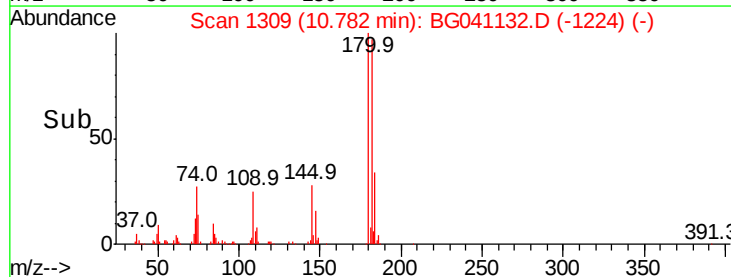
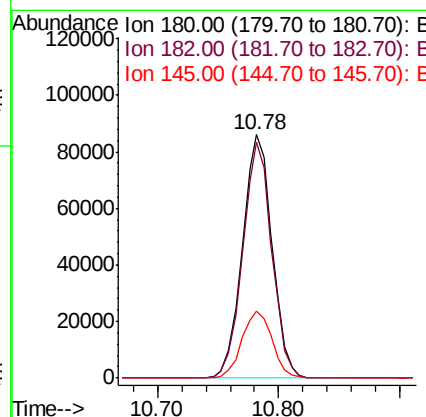
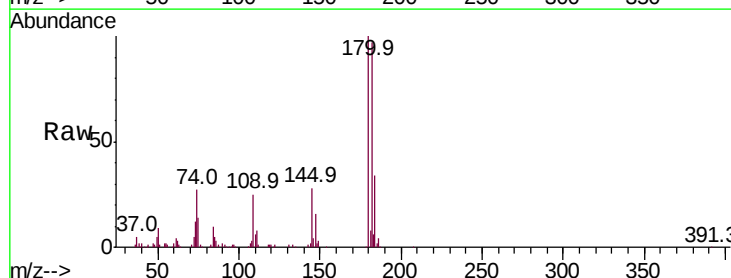
Instrument :
 BNA_G
 ClientSampled :

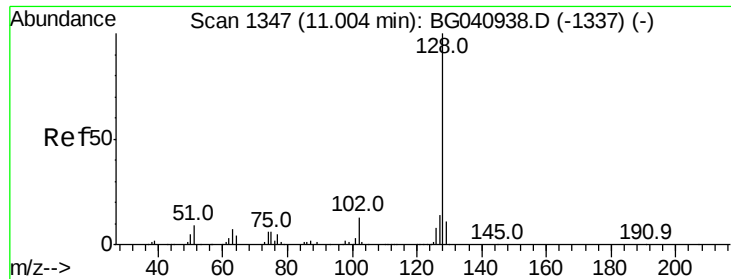
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	39.4	79.4
98	36.2	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.745 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.03 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.7	119.5
145	27.7	22.6	34.0

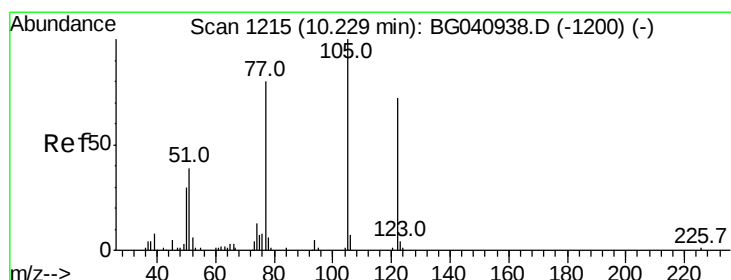
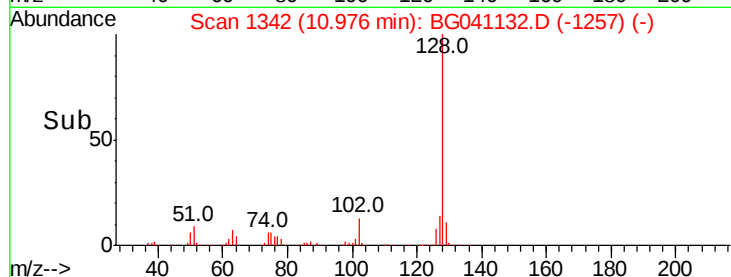
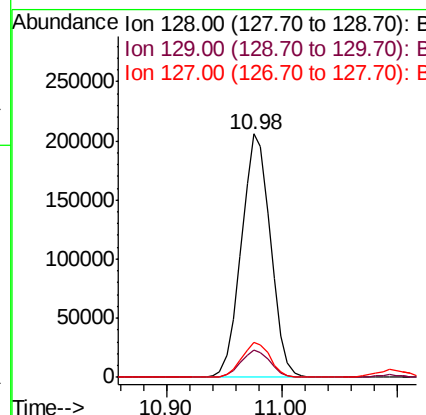
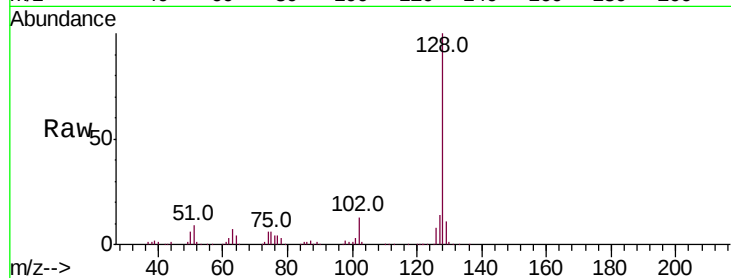




#31
Naphthalene
Concen: 40.779 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

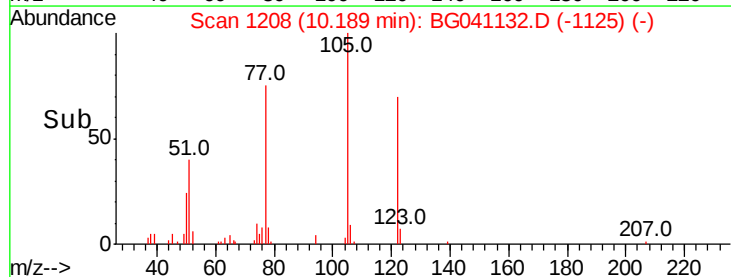
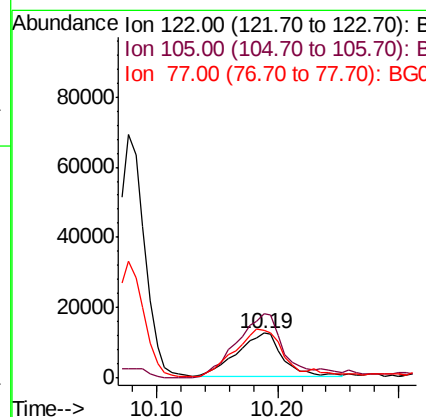
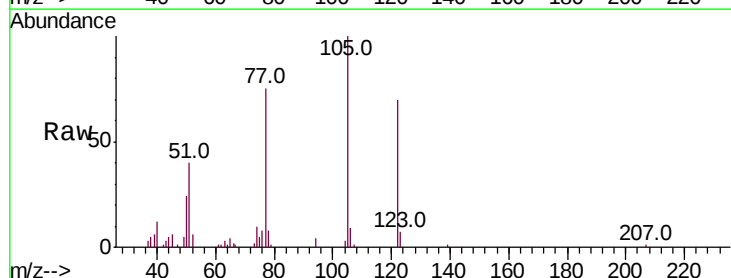
Instrument :
BNA_G
ClientSampled :

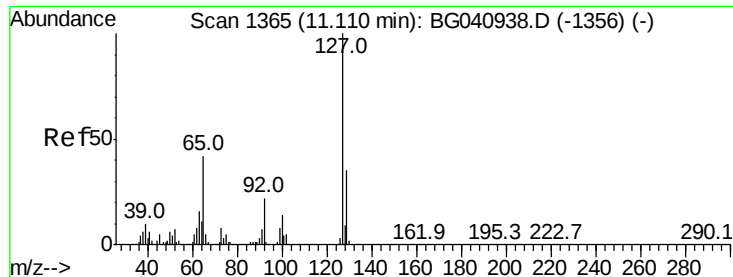
Tot Ion:128 Resp: 359380
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.3 11.4 17.2



#32
Benzoic acid
Concen: 21.839 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.04 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:122 Resp: 32922
Ion Ratio Lower Upper
122 100
105 142.8 114.8 154.8
77 106.7 89.9 129.9

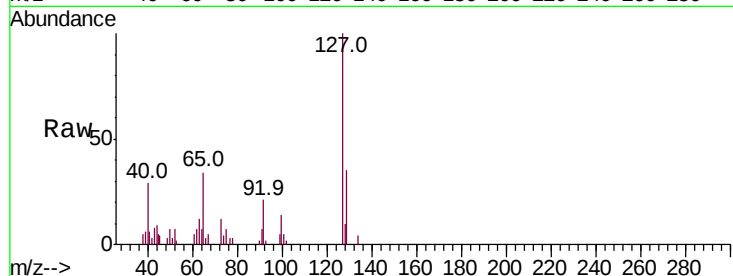




#33
4-Chloroaniline
Concen: 3.246 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	13274
Ion	Ratio	Lower Upper
127	100	
129	35.3	27.7 41.5
65	33.6	33.2 49.8
92	21.4	17.2 25.8



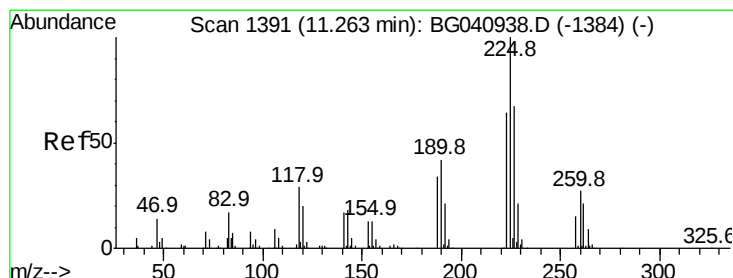
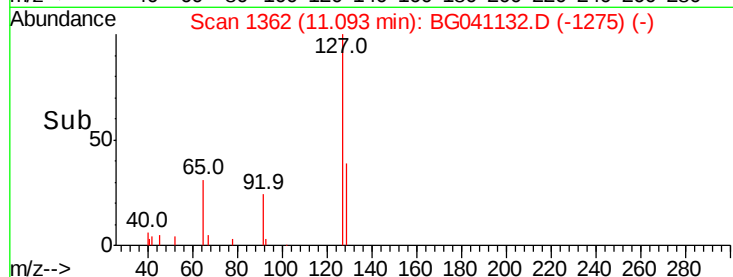
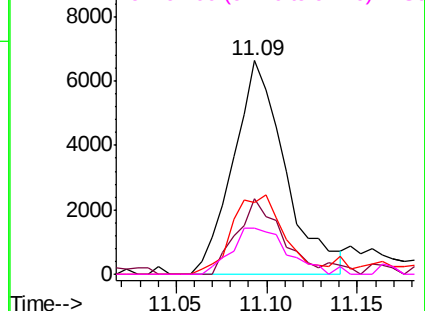
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

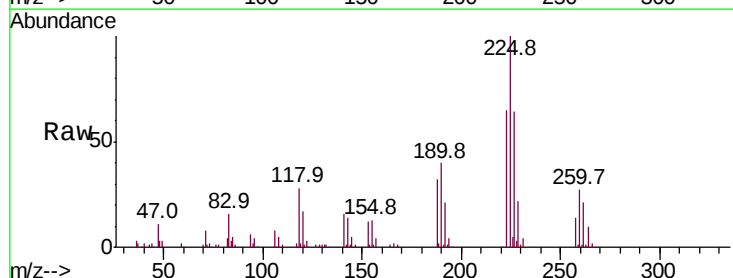
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 37.366 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:225	Resp:	105956
Ion	Ratio	Lower Upper
225	100	
223	64.7	48.8 73.2
227	66.5	51.4 77.0

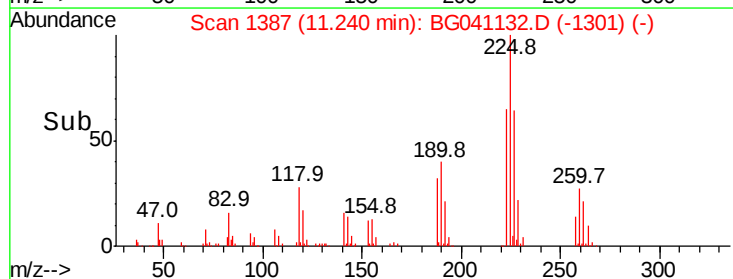
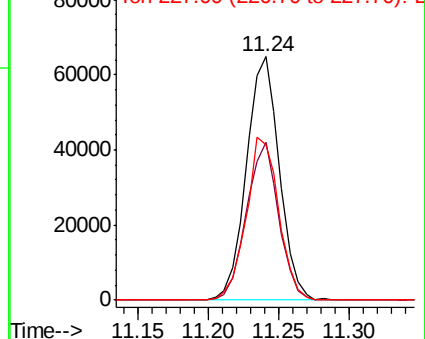


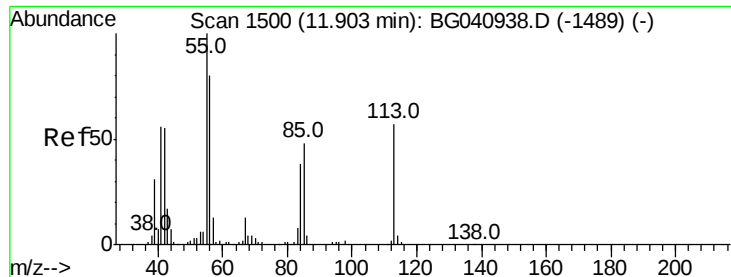
Abundance

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: 21.208 ng

RT: 11.87 min Scan# 1494

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

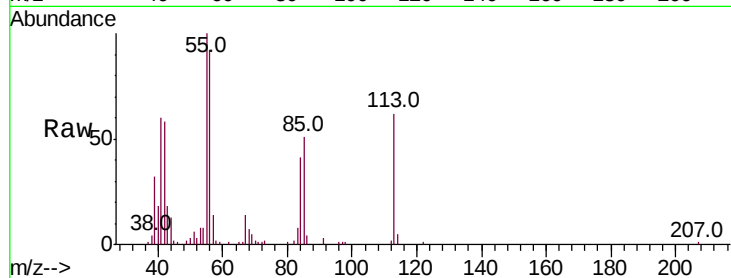
Tot Ion:113 Resp: 22815

Ion Ratio Lower Upper

113 100

55 160.7 155.9 195.9

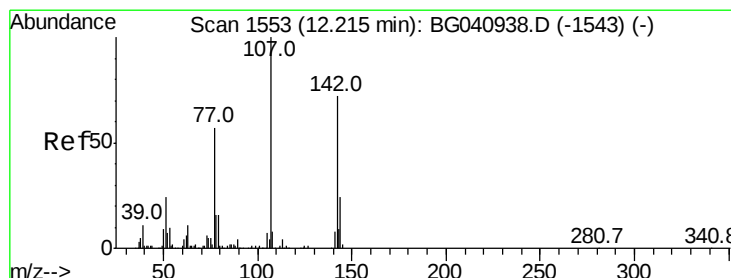
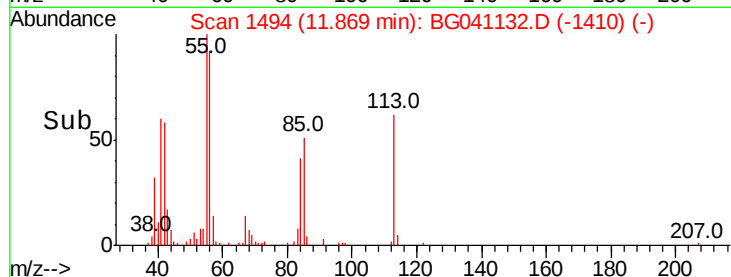
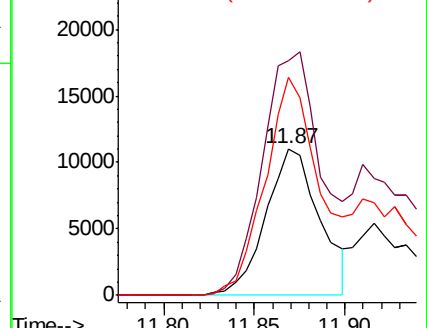
56 148.6 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.546 ng

RT: 12.19 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

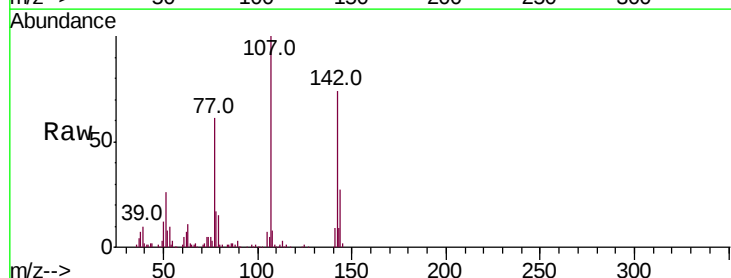
Tgt Ion:107 Resp: 158295

Ion Ratio Lower Upper

107 100

144 27.4 19.4 29.0

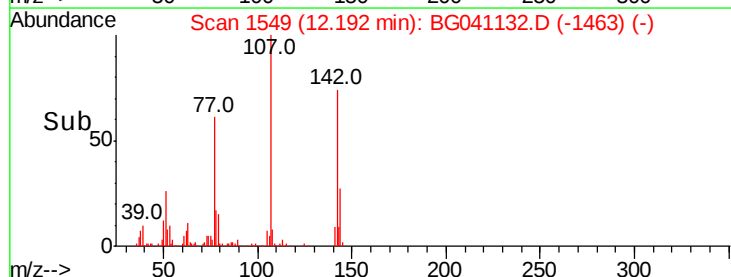
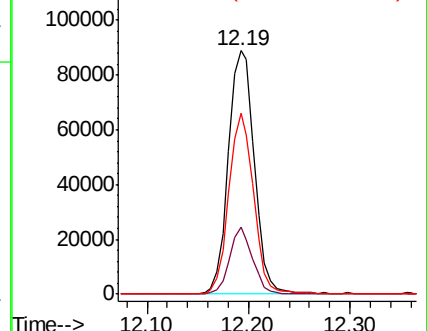
142 74.4 57.3 85.9

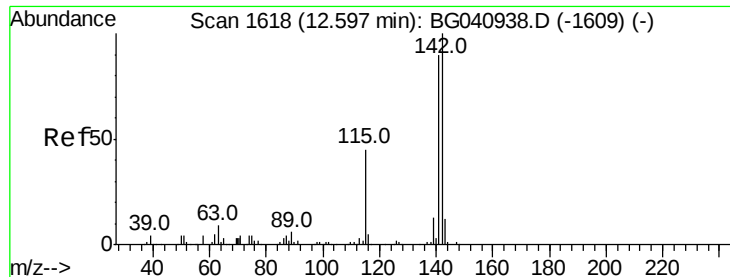


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.864 ng

RT: 12.57 min Scan# 1614

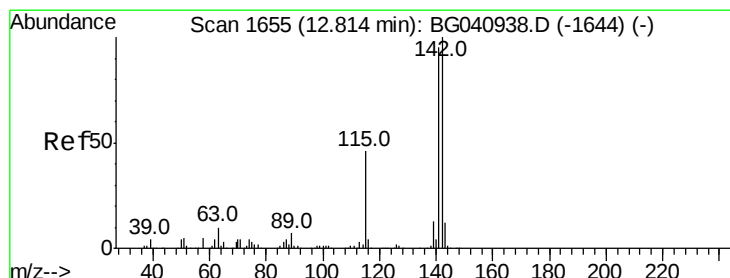
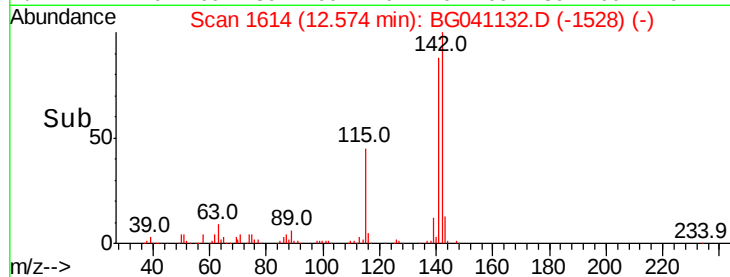
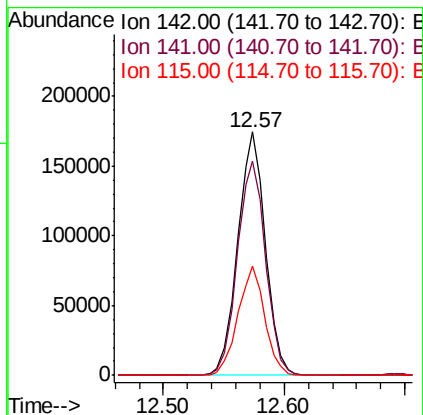
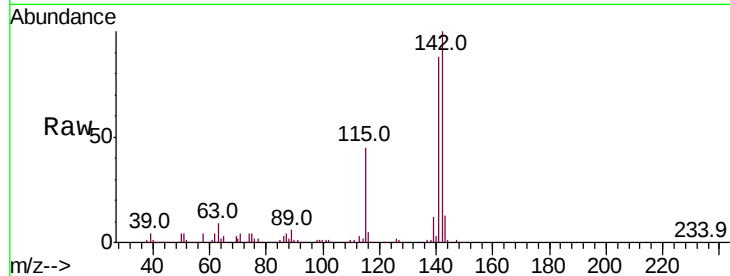
Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	44.7	36.2	54.4



#38

1-Methylnaphthalene

Concen: 43.365 ng

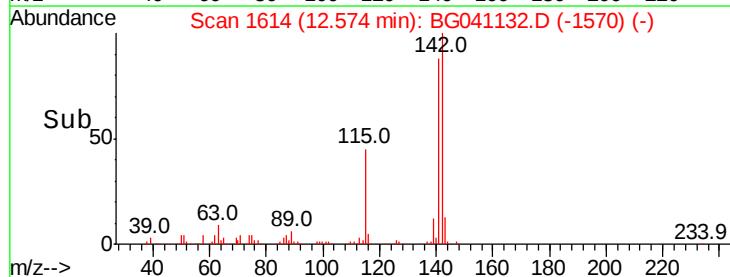
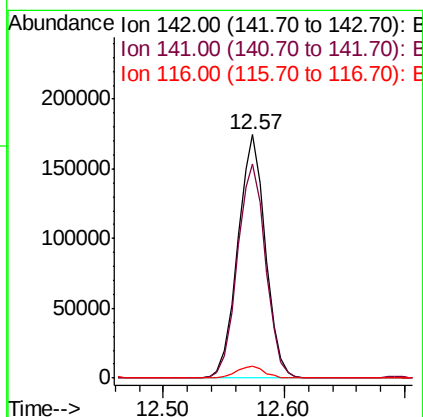
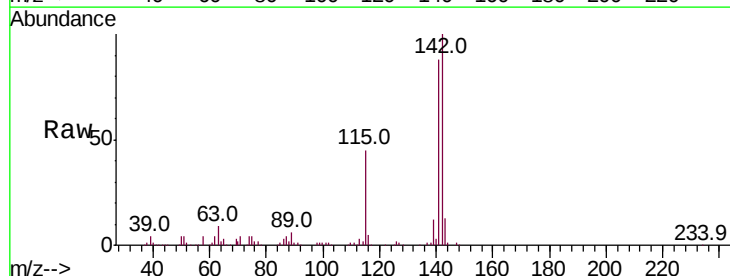
RT: 12.57 min Scan# 1614

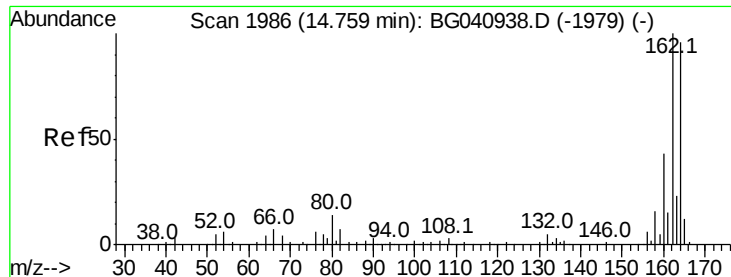
Delta R.T. -0.24 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	75.7	113.5
116	4.7	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

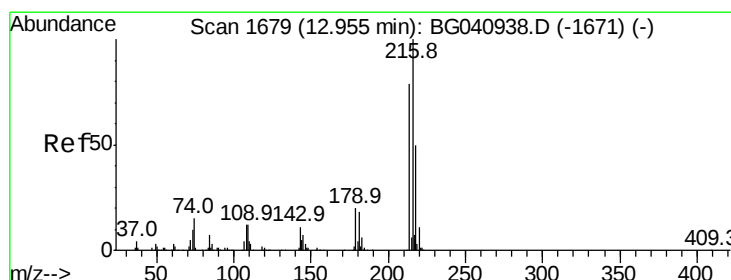
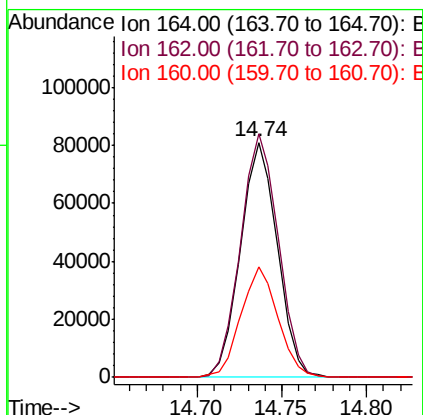
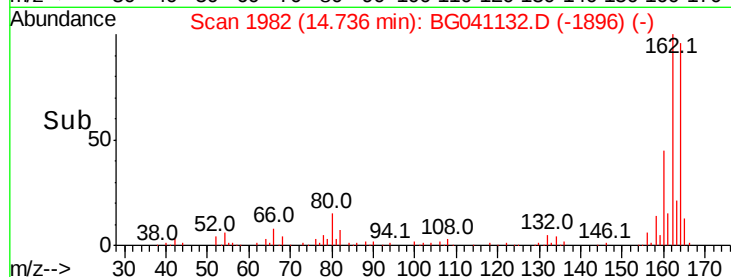
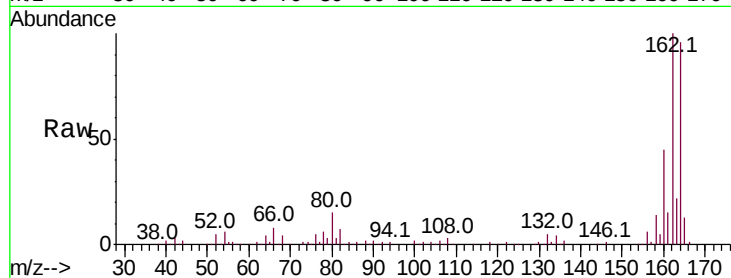
Tot Ion:164 Resp: 123131

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 47.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.824 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:216 Resp: 207566

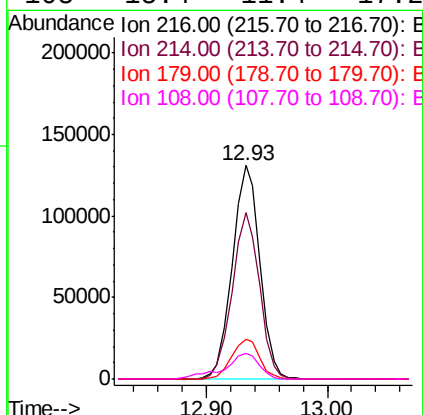
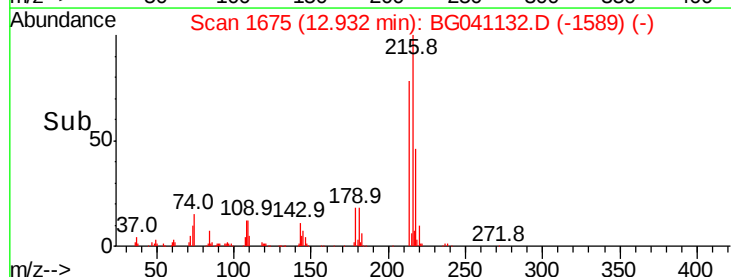
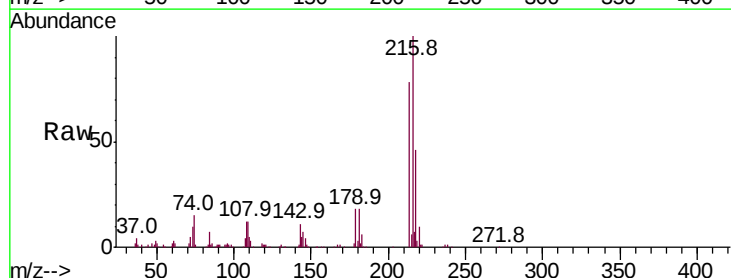
Ion Ratio Lower Upper

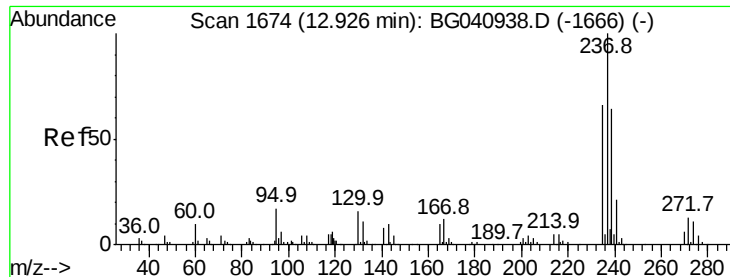
216 100

214 76.9 63.4 95.2

179 18.8 15.2 22.8

108 15.4 11.4 17.2

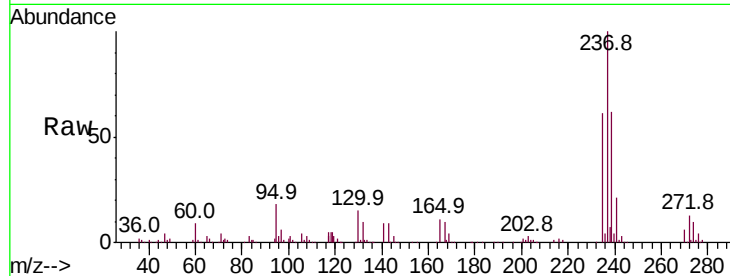




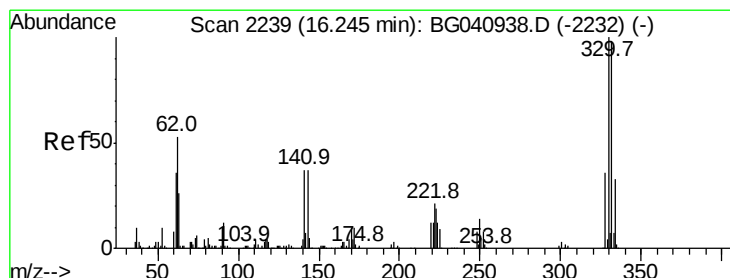
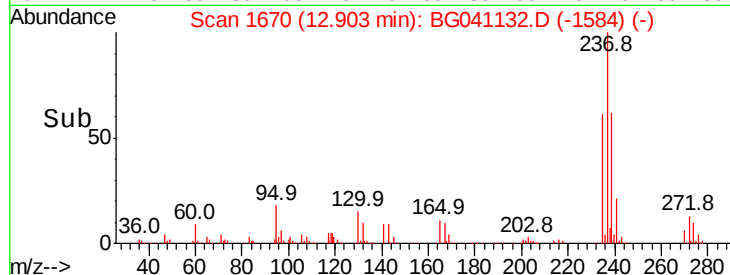
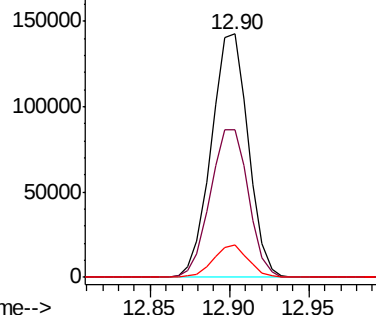
#41
Hexachlorocyclopentadiene
Concen: 85.644 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.5	45.5	85.5
272	13.3	0.0	32.9

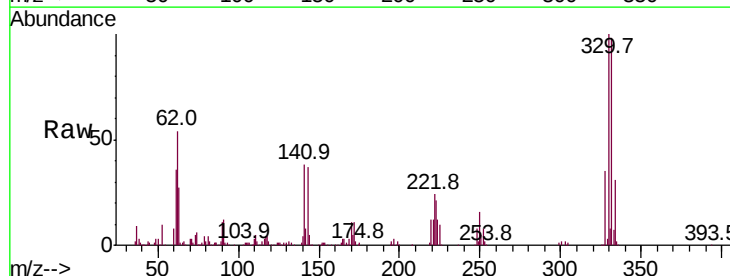


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

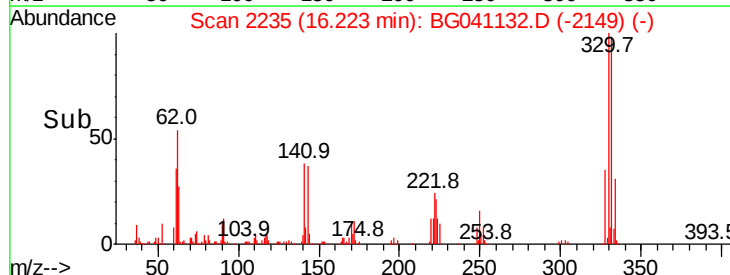
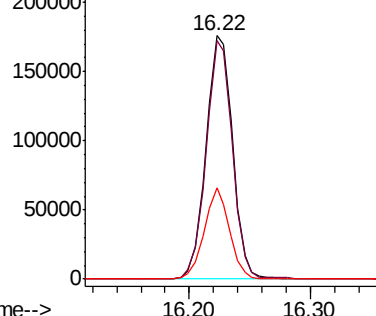


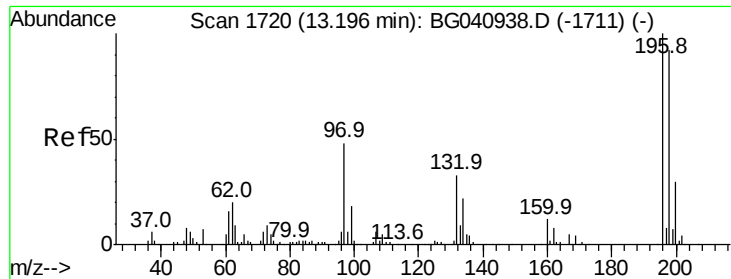
#42
2,4,6-Tribromophenol
Concen: 147.949 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	35.1	28.7	43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

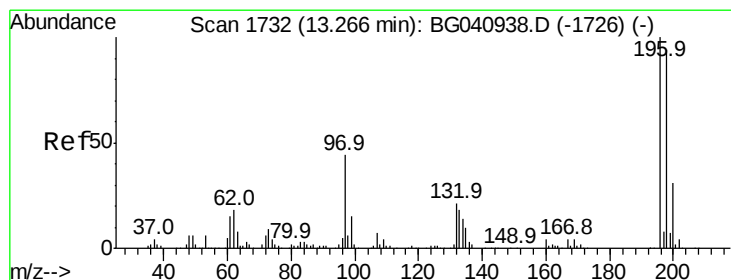
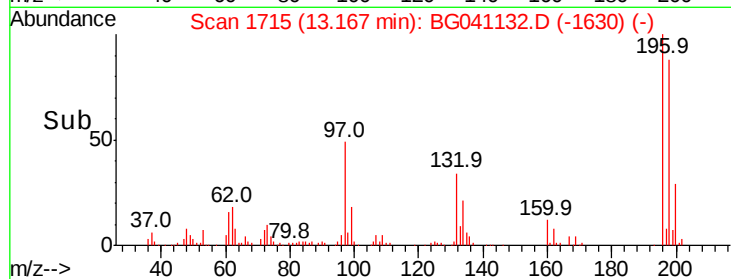
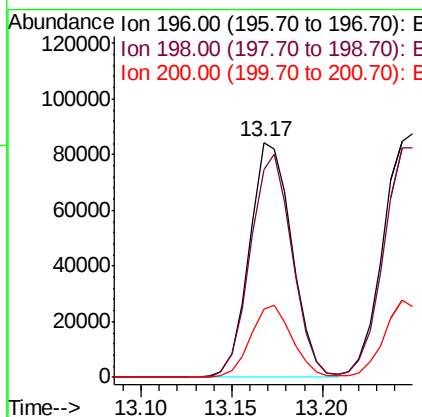
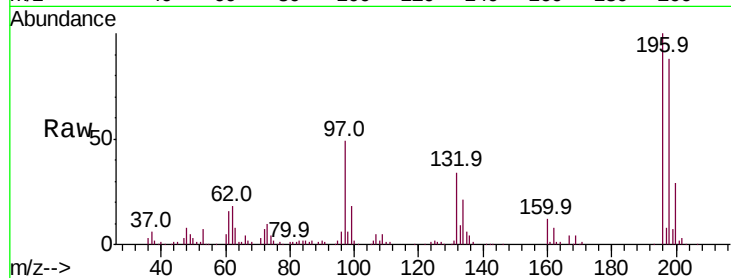




#43
 2,4,6-Trichlorophenol
 Concen: 42.627 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

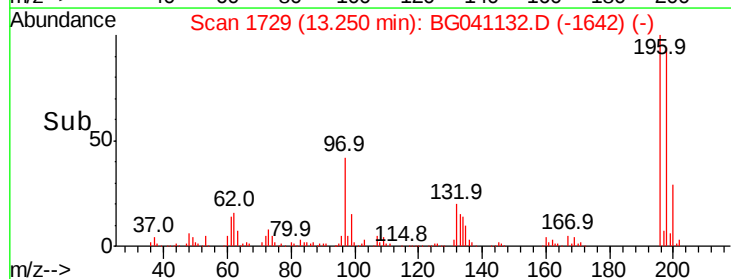
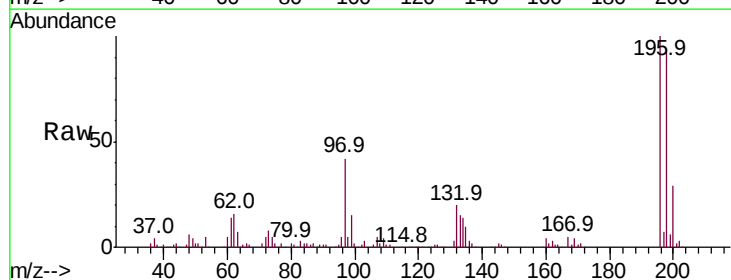
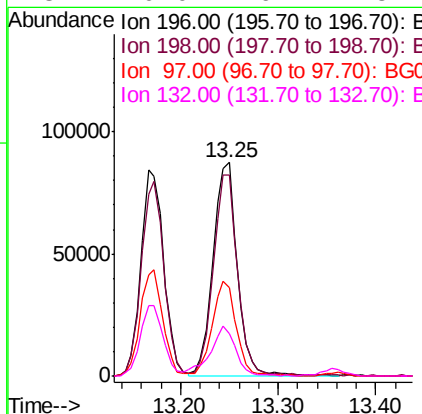
Instrument :
 BNA_G
 ClientSampled :

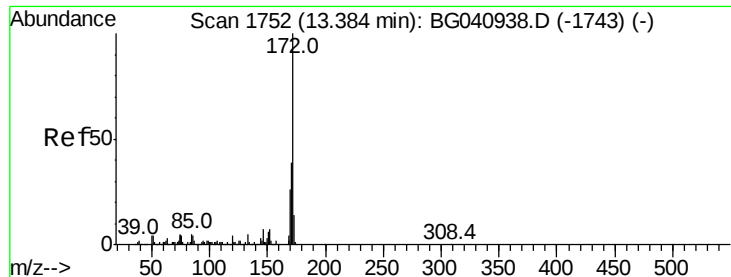
Tot Ion	196	Resp	136856
Ion Ratio	Lower	Upper	
196	100		
198	88.5	73.8	110.6
200	29.0	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.437 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion	196	Resp	150460
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.1	112.7
97	41.6	35.6	53.4
132	20.0	16.7	25.1

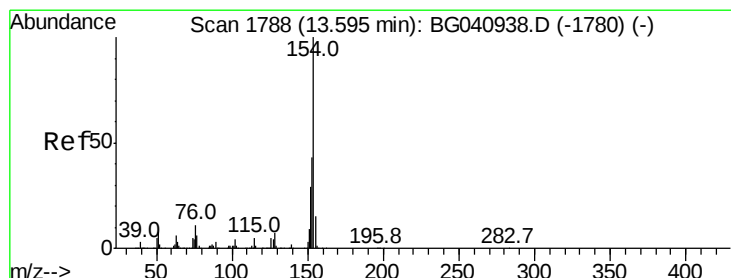
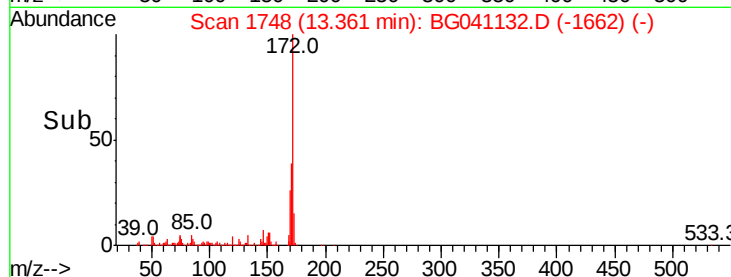
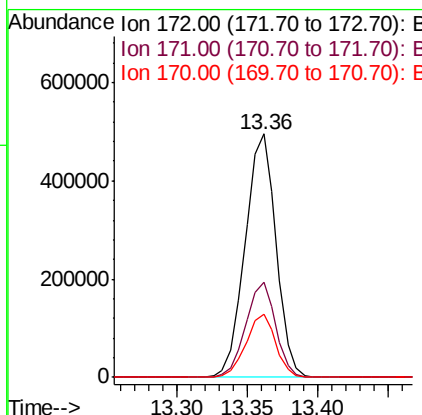
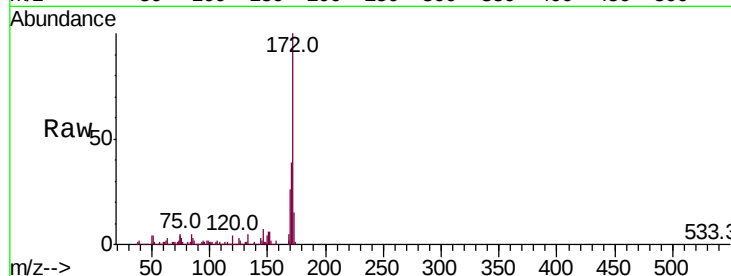




#45
2-Fluorobiphenyl
Concen: 88.913 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

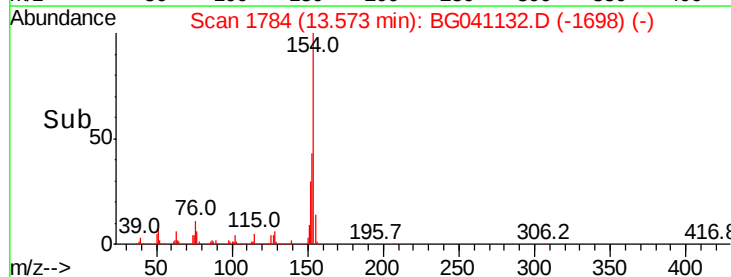
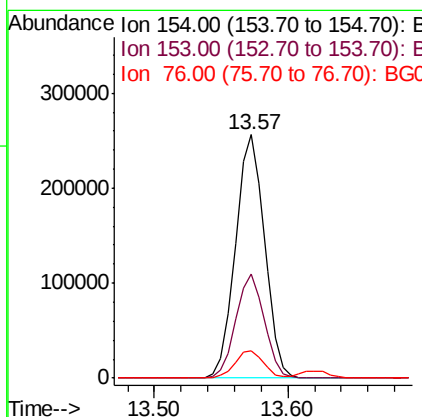
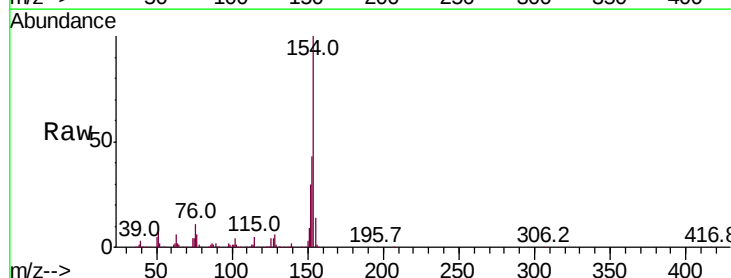
Instrument :
BNA_G
ClientSampleId :

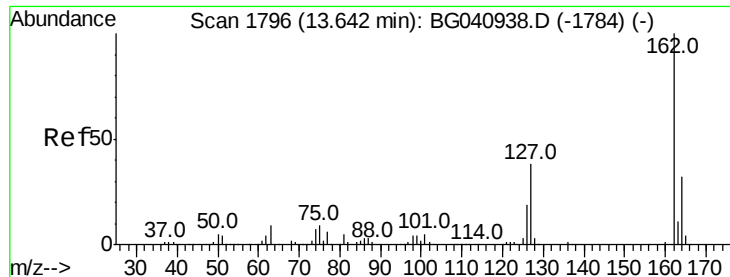
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	26.2	20.5	30.7



#46
1,1'-Biphenyl
Concen: 42.455 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

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





#47

2-Chloronaphthalene

Concen: 40.446 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

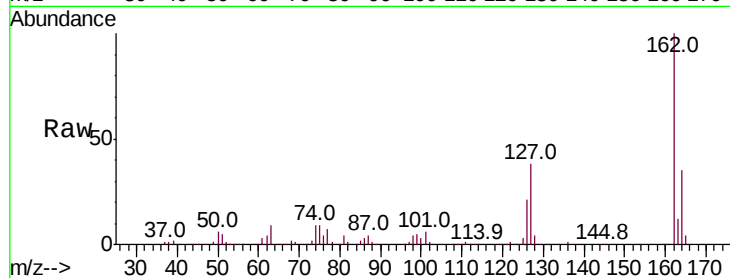
Tot Ion:162 Resp: 316472

Ion Ratio Lower Upper

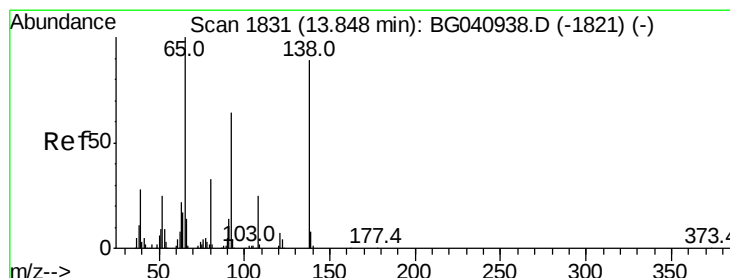
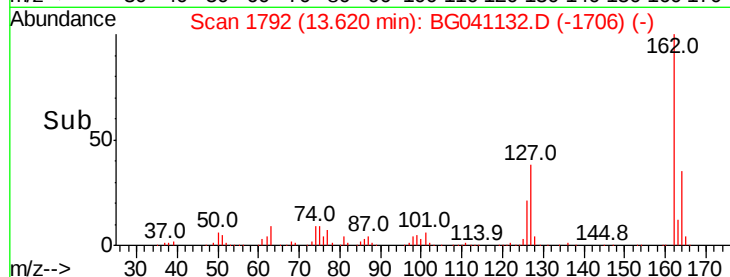
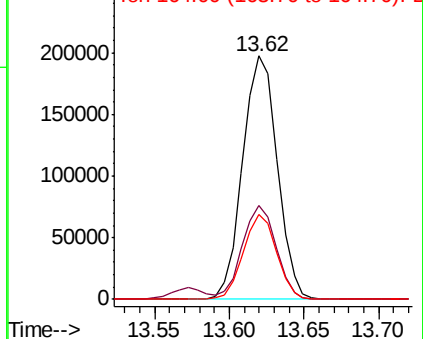
162 100

127 38.5 30.5 45.7

164 34.7 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.114 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

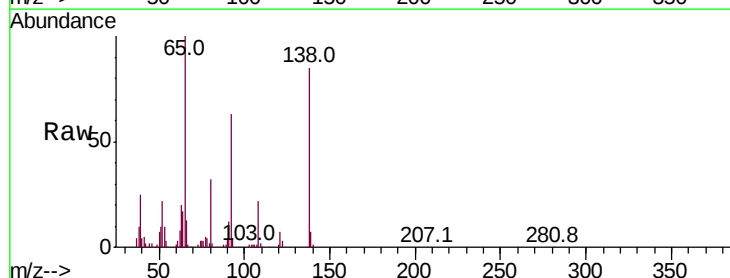
Tgt Ion: 65 Resp: 121023

Ion Ratio Lower Upper

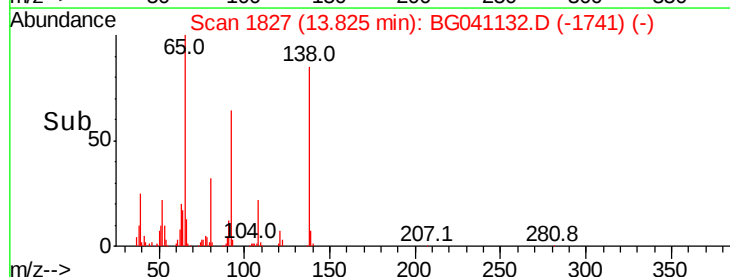
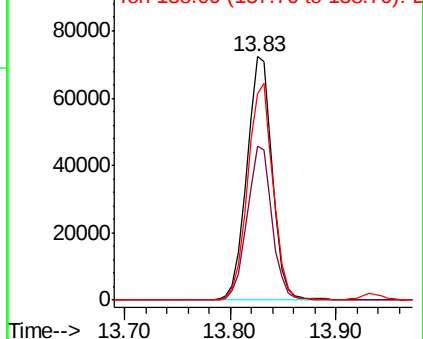
65 100

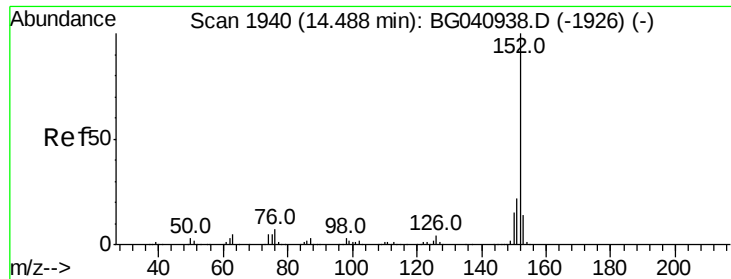
92 63.5 51.0 76.6

138 84.7 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.768 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

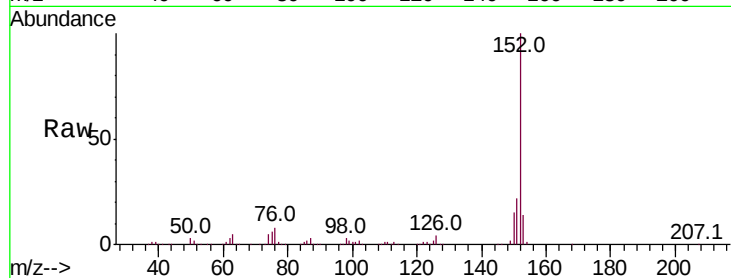
Tot Ion:152 Resp: 503659

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.0

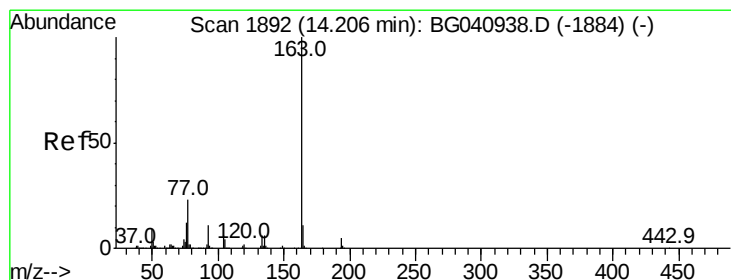
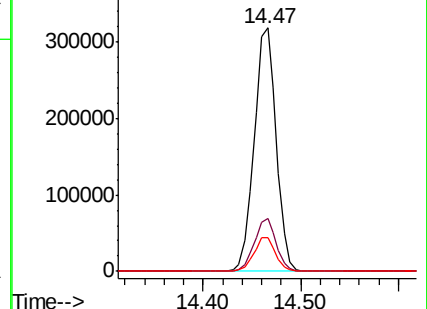
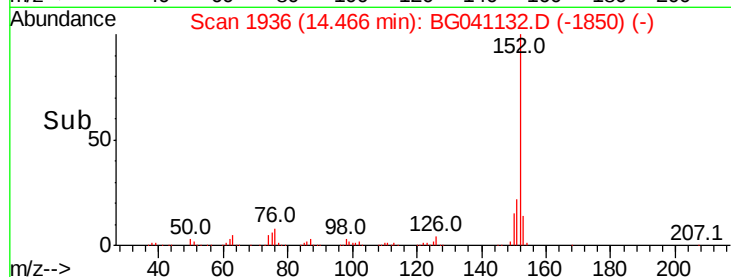
153 14.0 11.0 16.4



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: 41.577 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

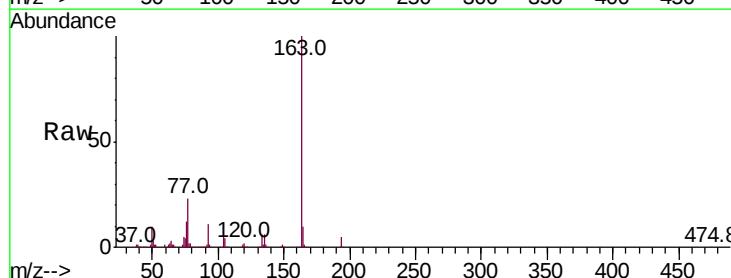
Tgt Ion:163 Resp: 433364

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

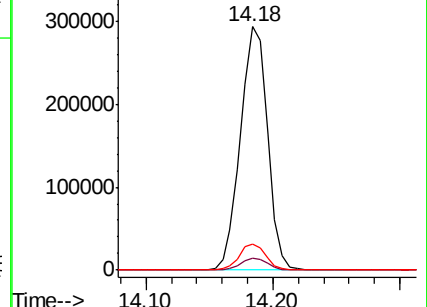
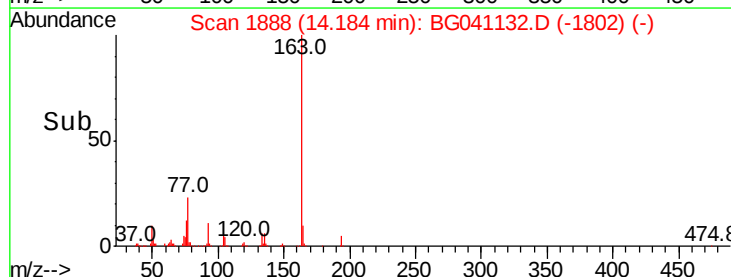
164 10.4 8.7 13.1

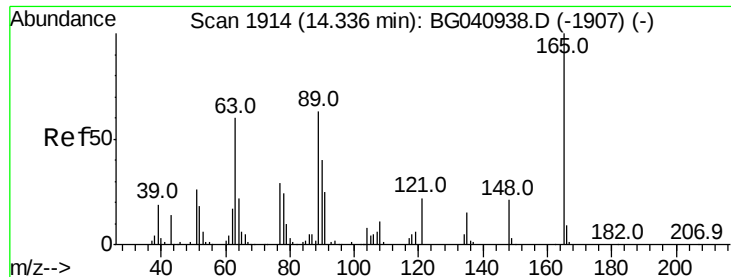


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.633 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampled :

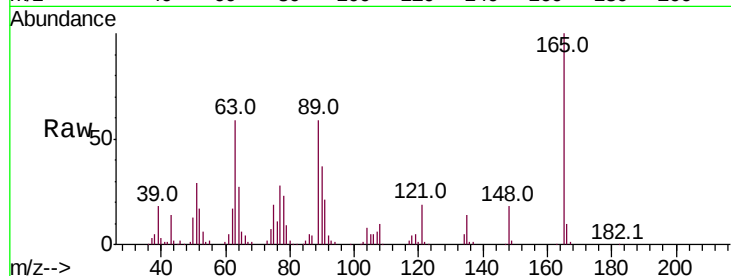
Tot Ion:165 Resp: 100305

Ion Ratio Lower Upper

165 100

63 59.3 53.6 80.4

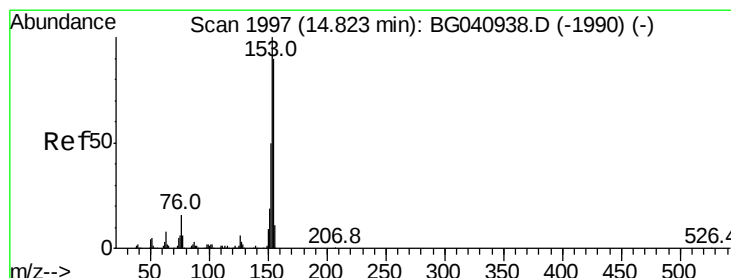
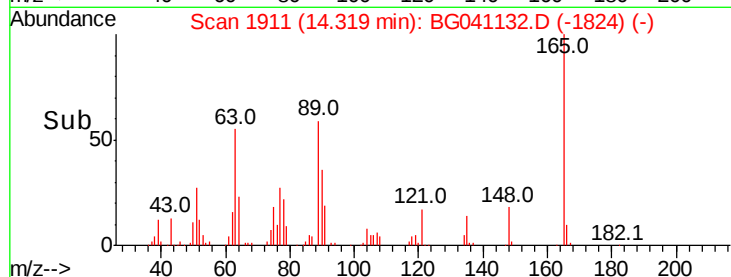
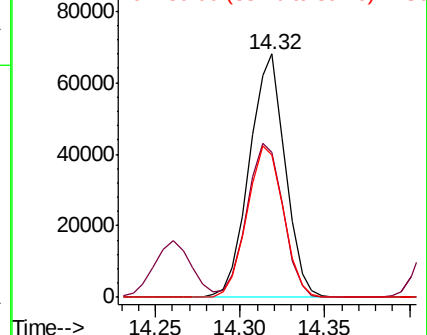
89 58.6 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.010 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

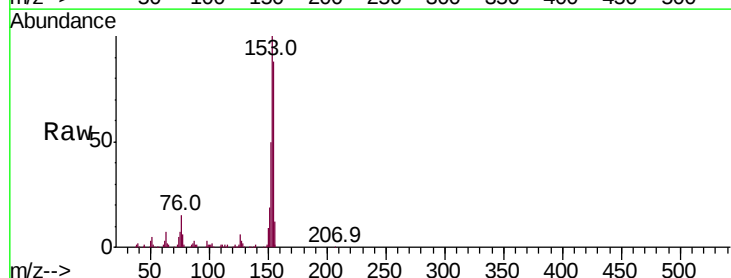
Tgt Ion:154 Resp: 299703

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

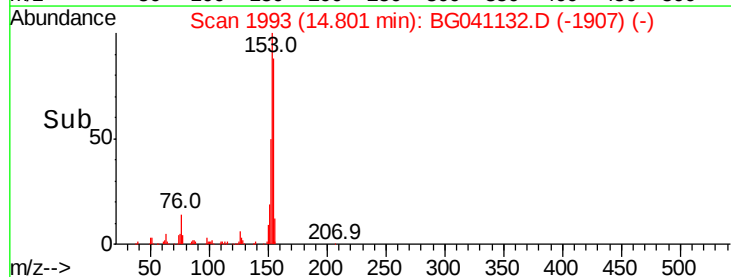
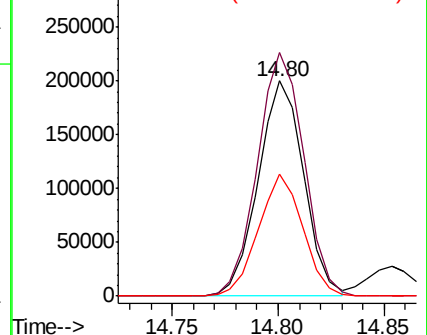
152 56.6 44.2 66.4

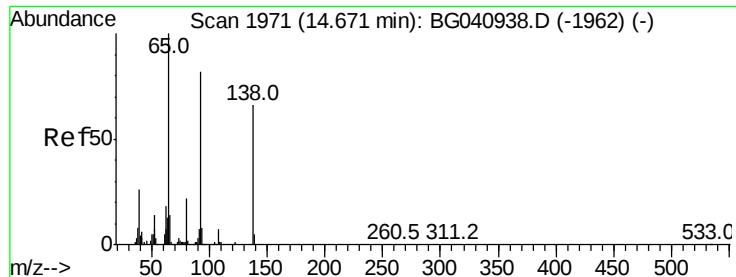


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

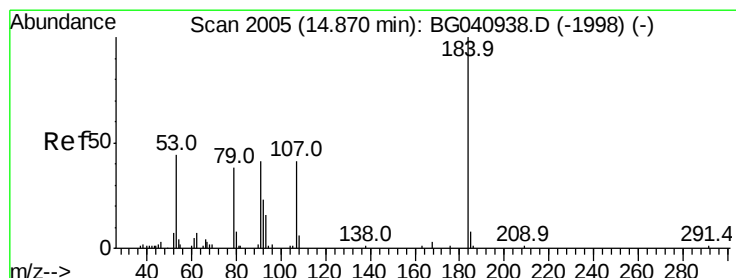
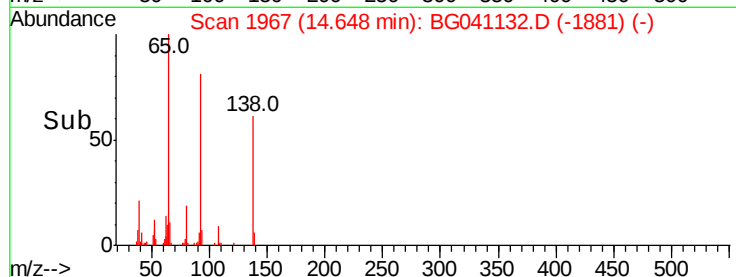
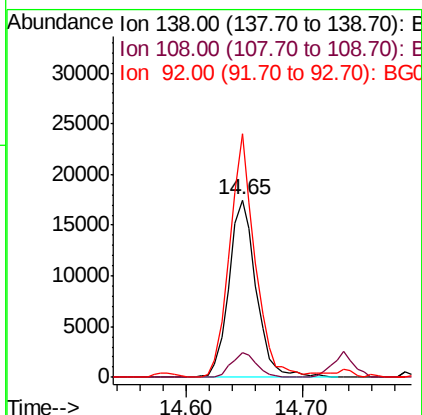
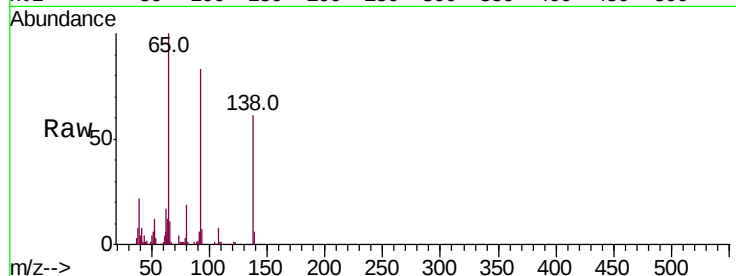




#53
3-Nitroaniline
Concen: 12.677 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

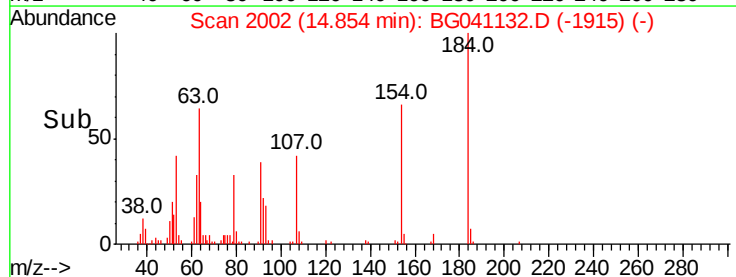
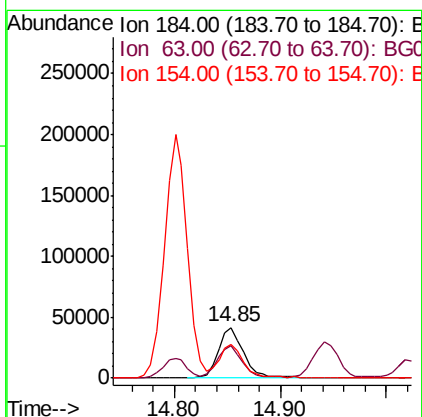
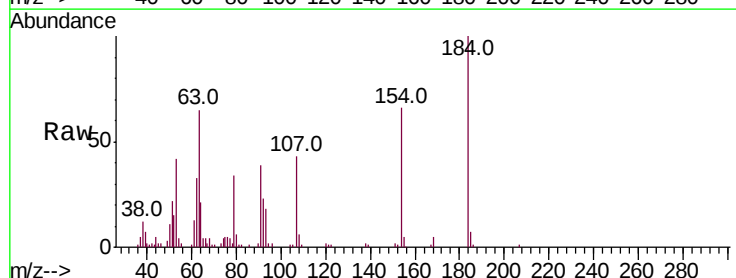
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 28487
Ion Ratio Lower Upper
138 100
108 13.9 8.5 12.7#
92 137.2 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 65.159 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:184 Resp: 69783
Ion Ratio Lower Upper
184 100
63 65.3 49.8 74.6
154 66.5 52.2 78.4

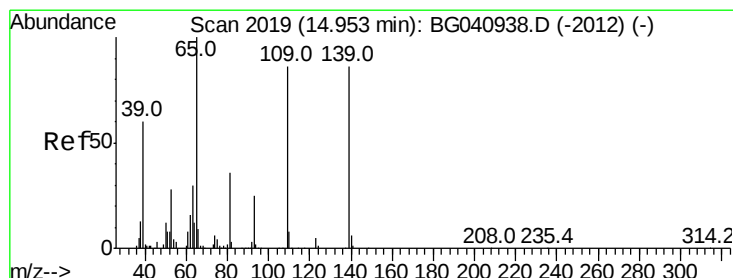
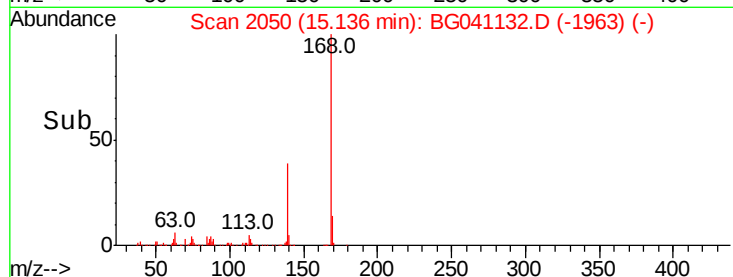
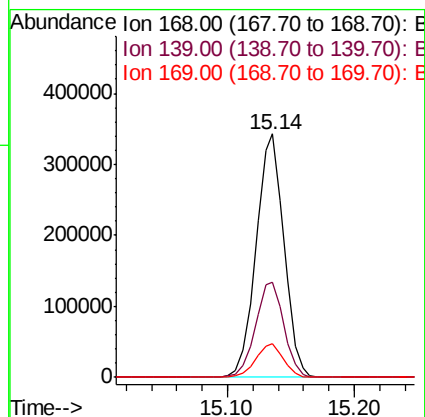
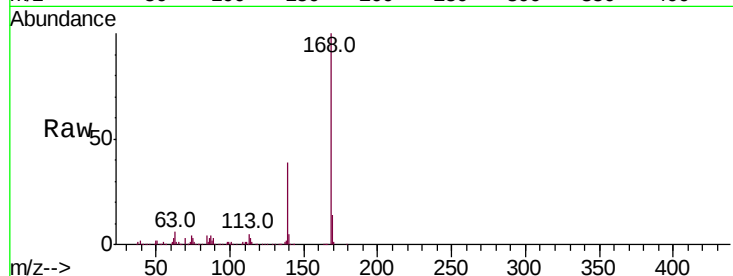




#55
Dibenzenofuran
Concen: 43.608 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

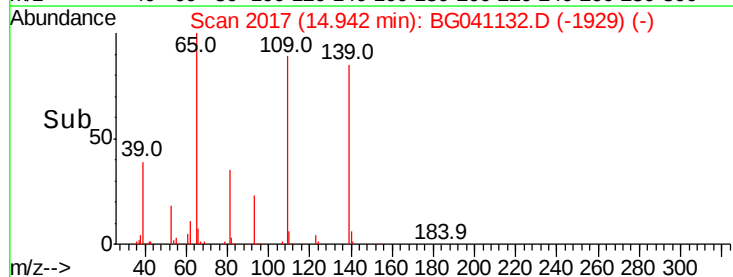
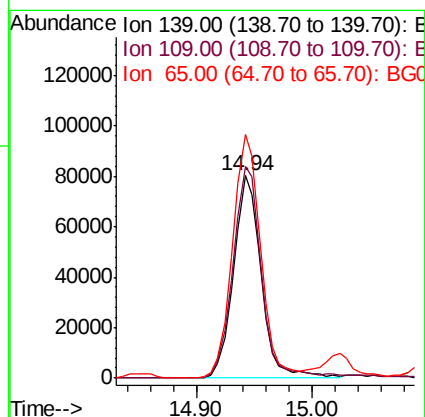
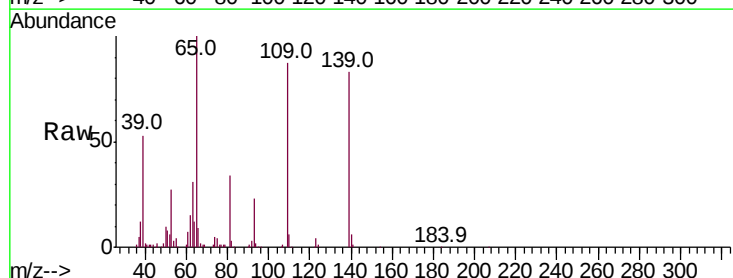
Instrument :
BNA_G
ClientSampled :

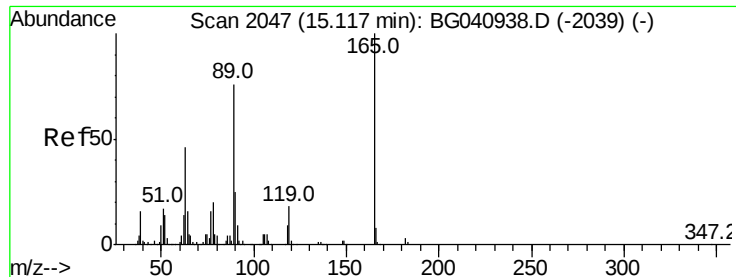
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	32.8	49.2
169	14.0	11.3	16.9



#56
4-Nitrophenol
Concen: 86.132 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.7	79.6	119.6
65	120.3	96.9	136.9

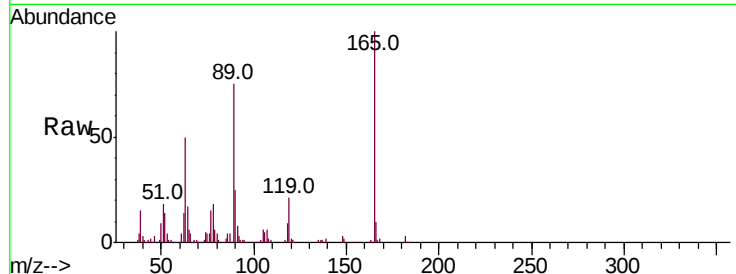




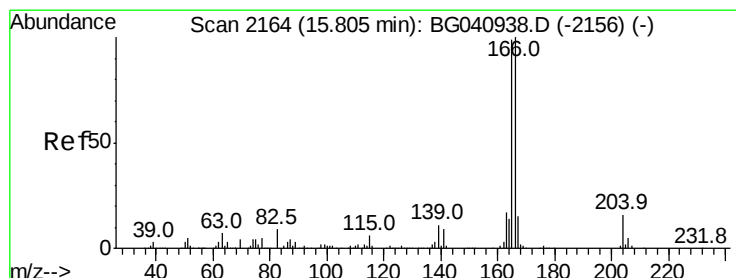
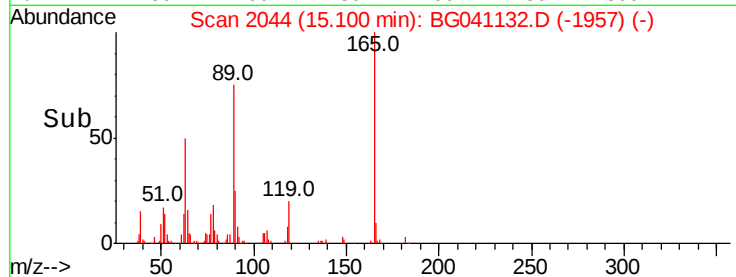
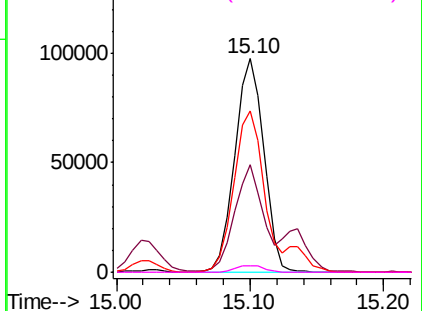
#57
2,4-Dinitrotoluene
Concen: 46.206 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 146680
Ion Ratio Lower Upper
165 100
63 50.2 37.3 55.9
89 75.3 61.0 91.6
182 3.1 2.2 3.2

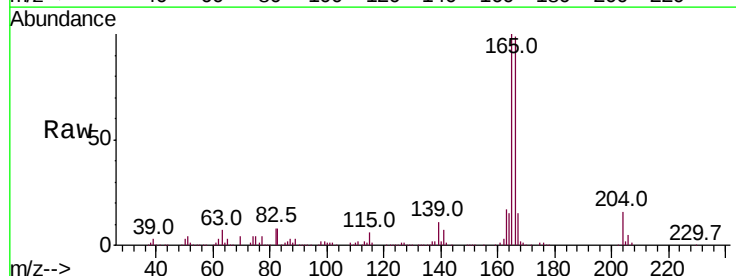


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

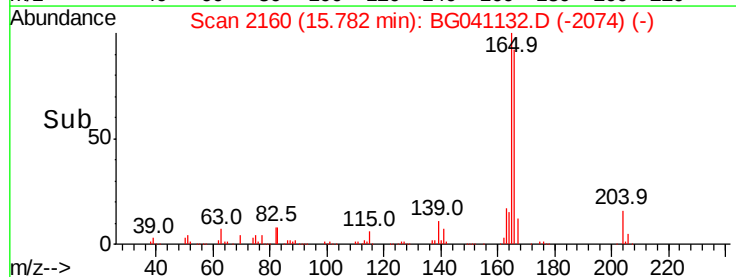
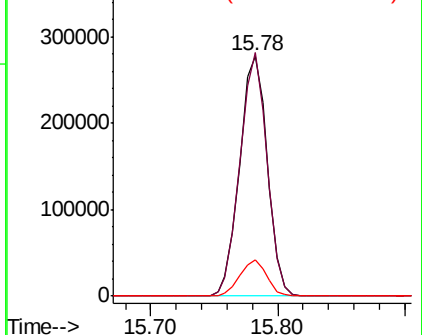


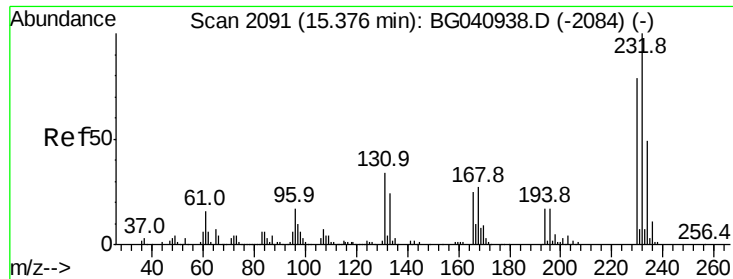
#58
Fluorene
Concen: 43.941 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:166 Resp: 420075
Ion Ratio Lower Upper
166 100
165 101.5 79.2 118.8
167 14.9 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

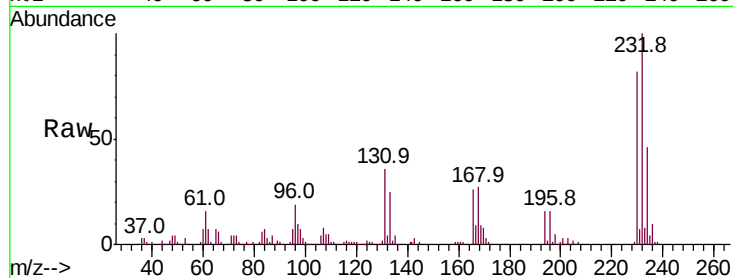




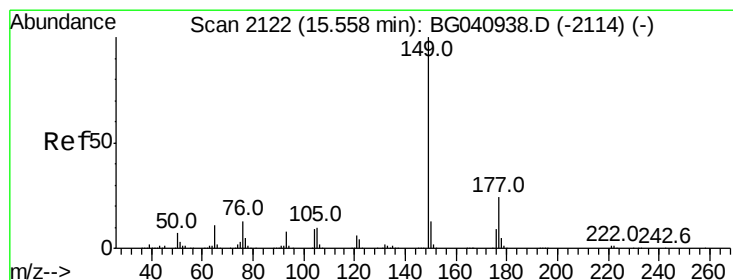
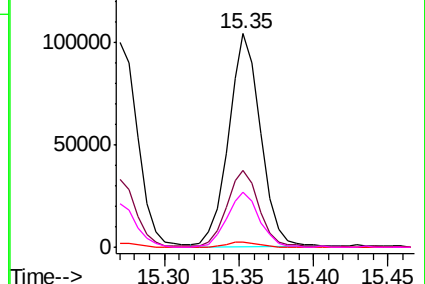
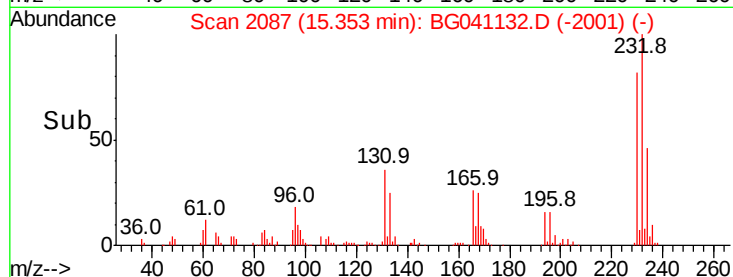
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.656 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	155249
Ion	Ratio	Lower	Upper
232	100		
131	37.1	30.3	45.5
130	2.3	1.8	2.8
166	26.5	21.3	31.9

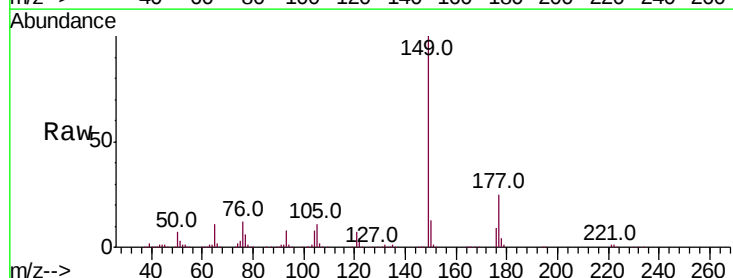


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

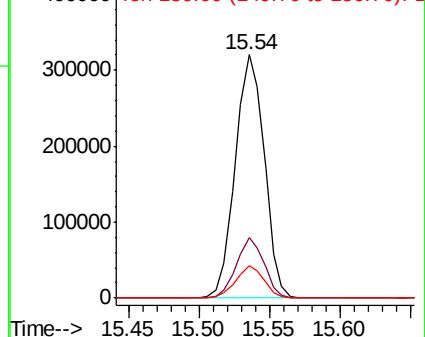
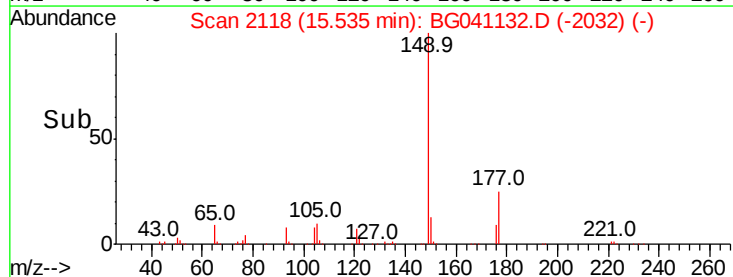


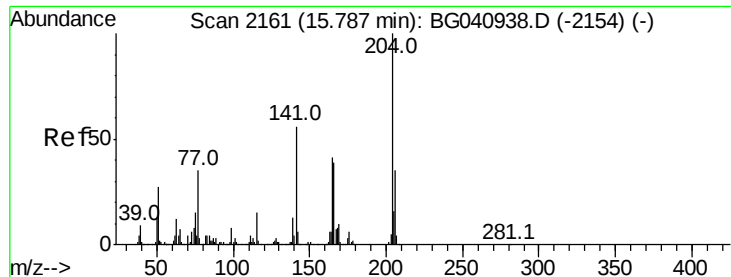
#60
 Diethylphthalate
 Concen: 43.165 ng
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion:	149	Resp:	459154
Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.4	29.0
150	13.4	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

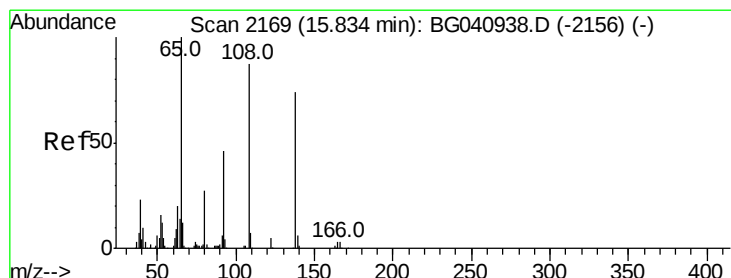
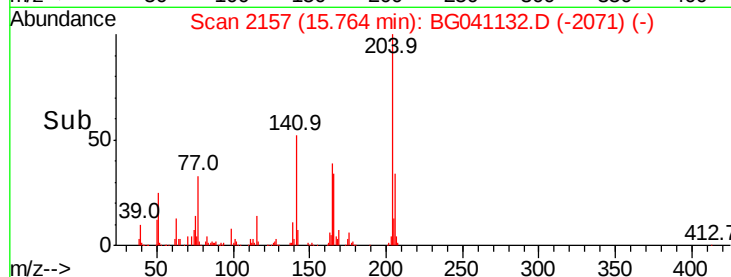
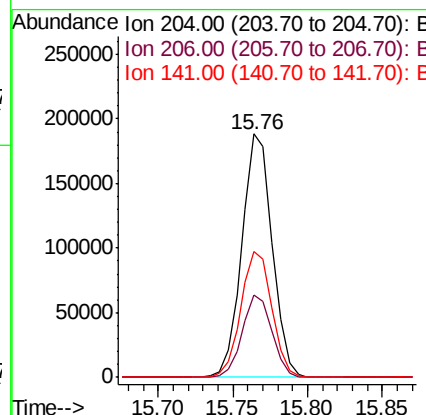
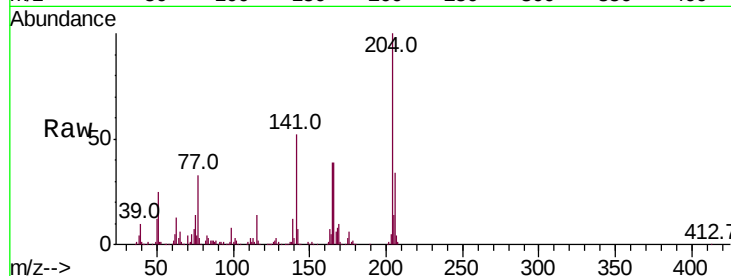




#61
4-Chlorophenyl-phenylether
Concen: 42.574 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

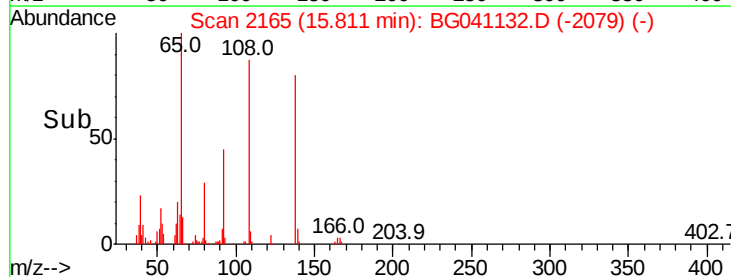
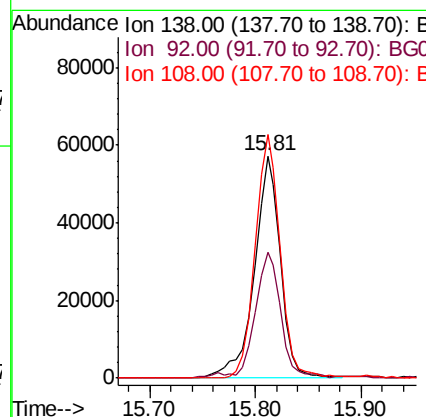
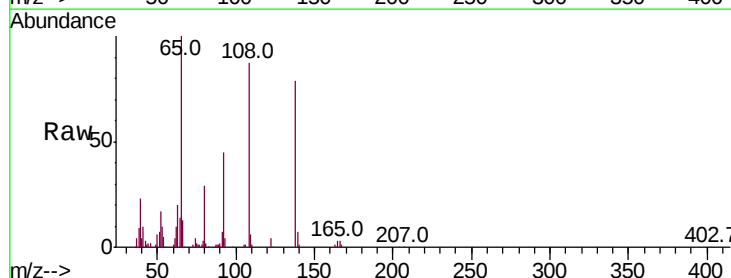
Instrument :
BNA_G
ClientSampled :

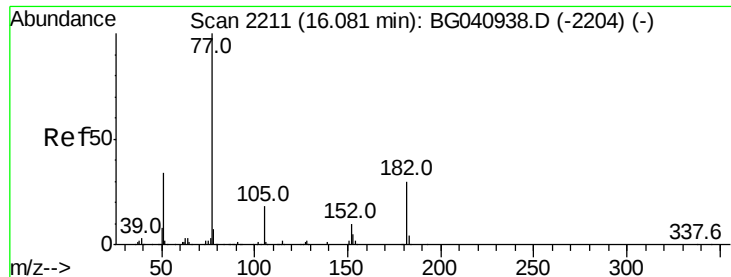
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.6	41.4
141	51.9	45.1	67.7



#62
4-Nitroaniline
Concen: 41.690 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	42.4	82.4
108	109.6	96.9	136.9

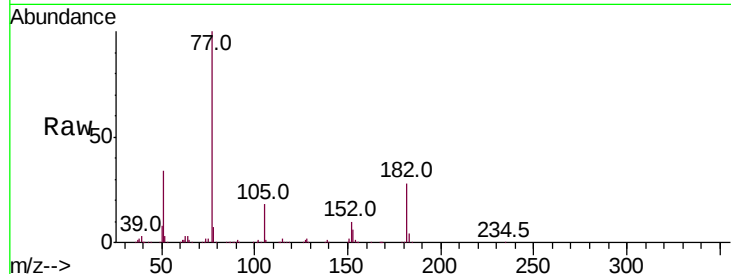




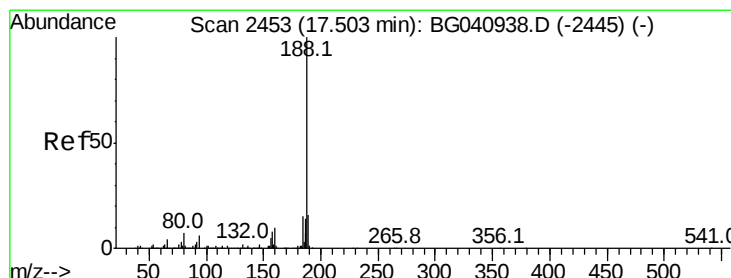
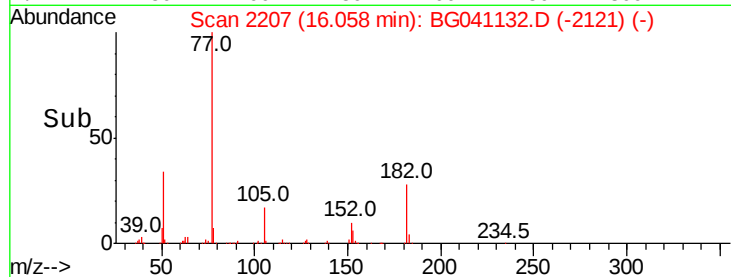
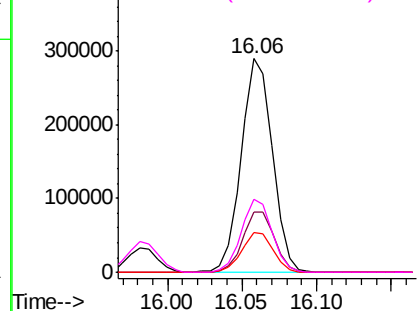
#63
Azobenzene
Concen: 43.447 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	9.6	49.6	
105	18.4	0.0	37.5	
51	34.3	13.7	53.7	

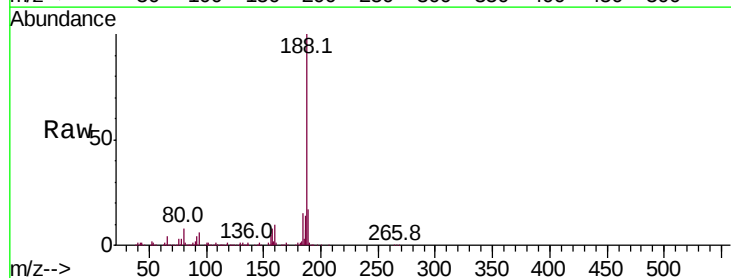


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

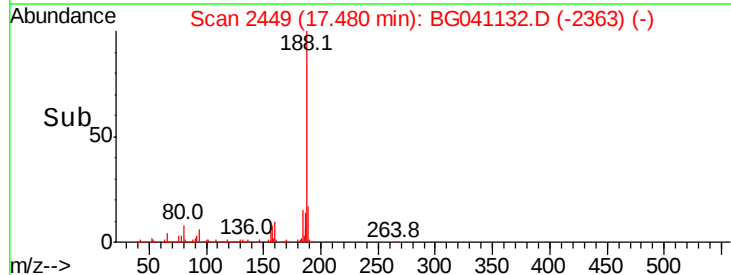
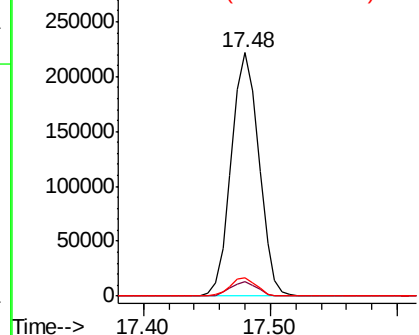


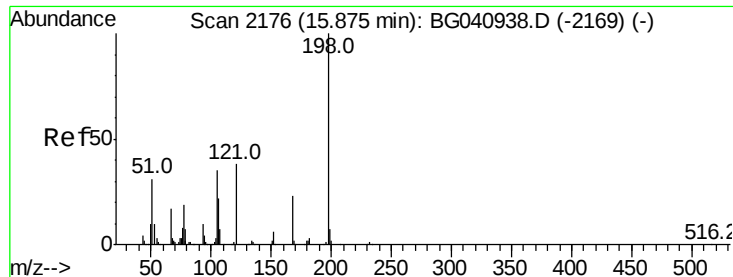
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.7	4.7	7.1	
80	7.5	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

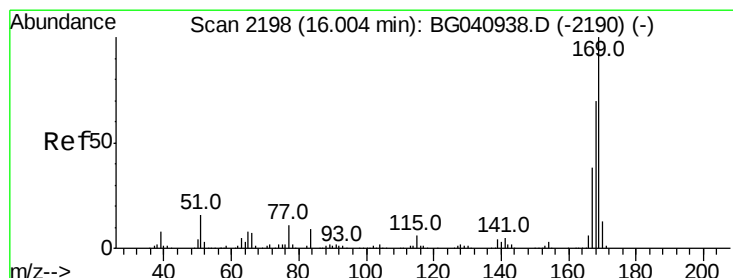
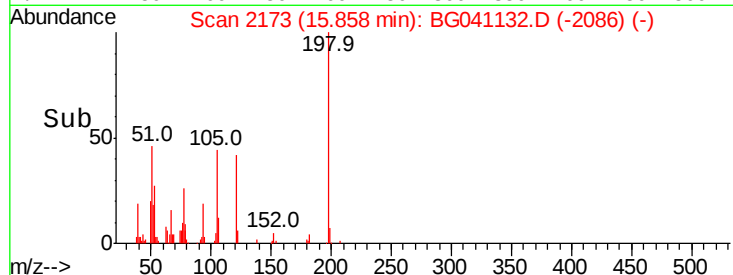
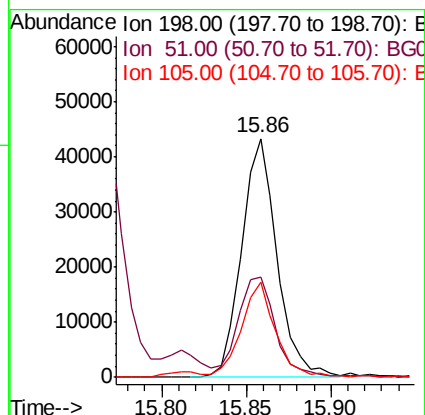
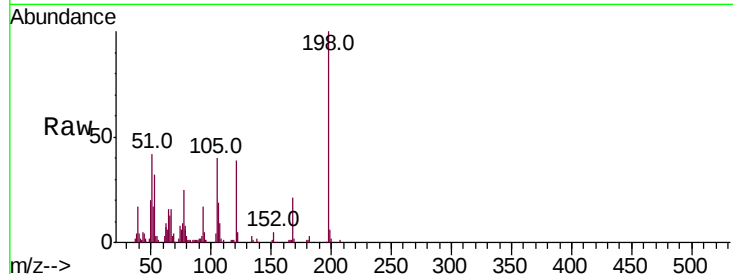




#65
4,6-Dinitro-2-methylphenol
Concen: 37.523 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

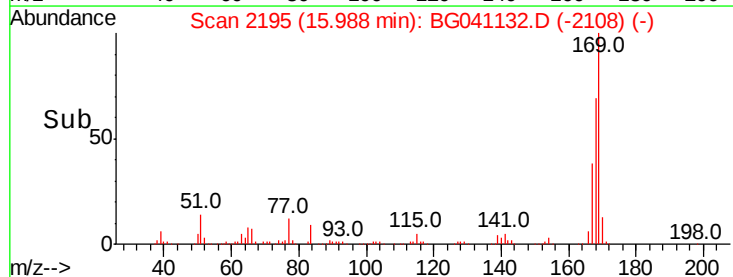
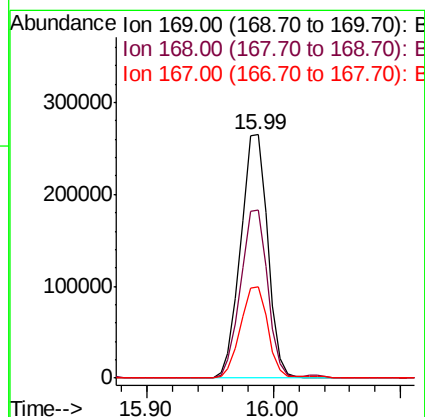
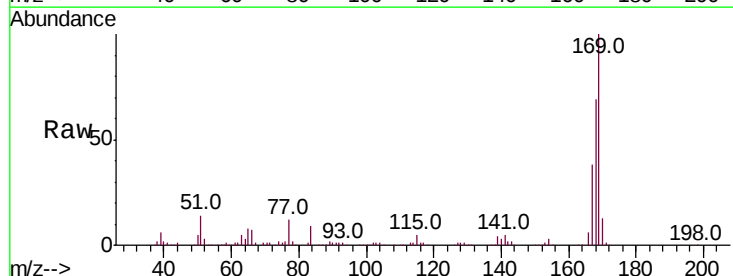
Instrument :
BNA_G
ClientSampled :

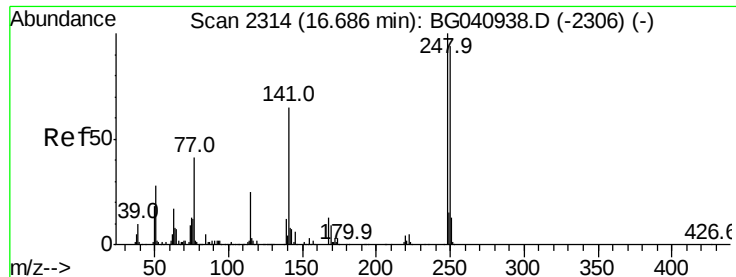
Tot Ion	198	Resp	63173
Ion Ratio	100	Lower	Upper
51	42.2	21.6	61.6
105	39.7	17.5	57.5



#66
n-Nitrosodiphenylamine
Concen: 41.666 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion	169	Resp	391843
Ion Ratio	100	Lower	Upper
168	68.8	55.7	83.5
167	37.7	30.2	45.2

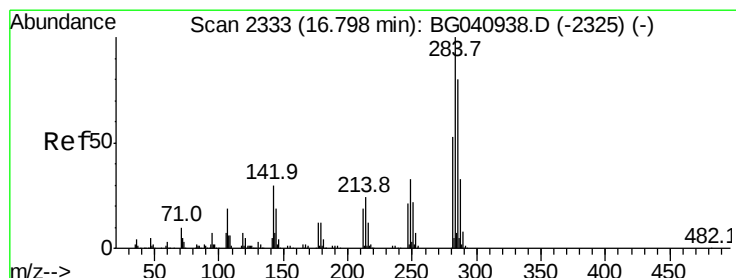
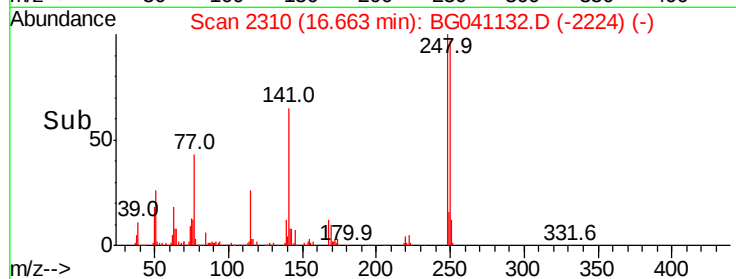
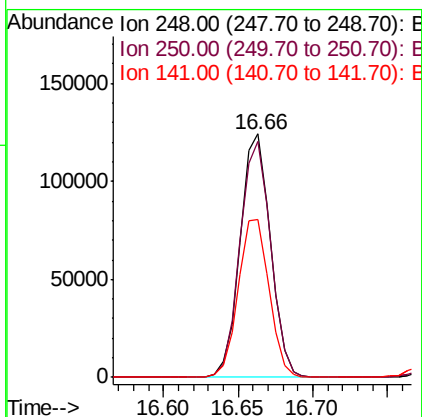
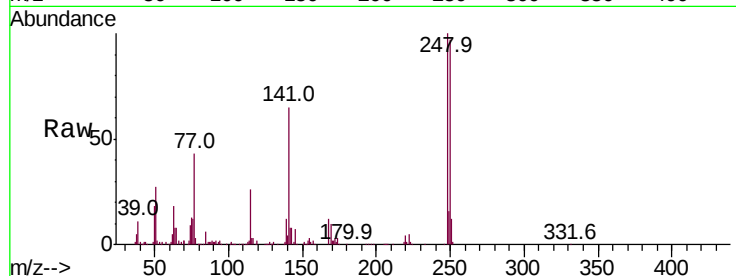




#67
4-Bromophenyl-phenylether
Concen: 38.681 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

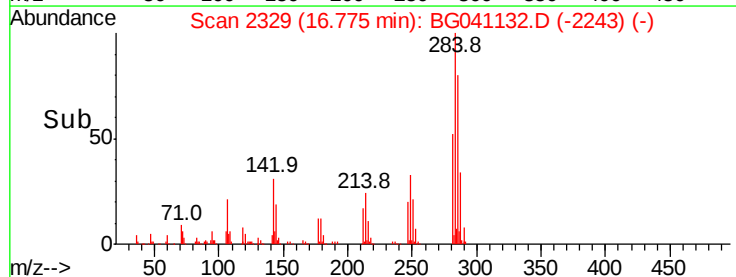
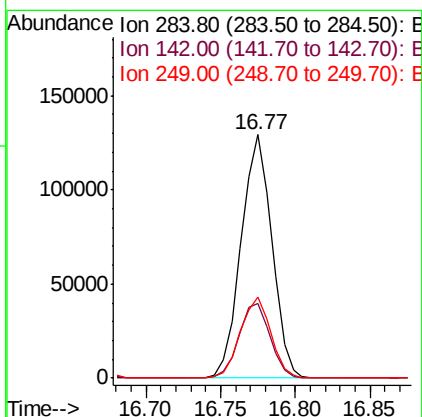
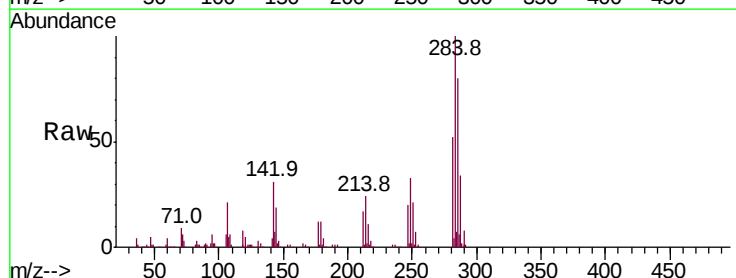
Instrument :
BNA_G
ClientSampled :

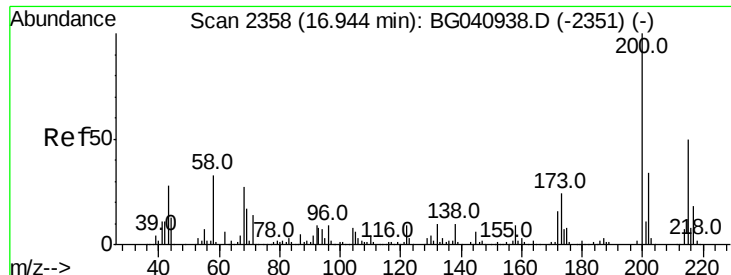
Tot Ion:248 Resp: 174637
Ion Ratio Lower Upper
248 100
250 96.7 75.0 112.4
141 65.1 52.4 78.6



#68
Hexachlorobenzene
Concen: 38.394 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:284 Resp: 184582
Ion Ratio Lower Upper
284 100
142 30.6 23.9 35.9
249 33.2 26.8 40.2





#69

Atrazine

Concen: 47.612 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

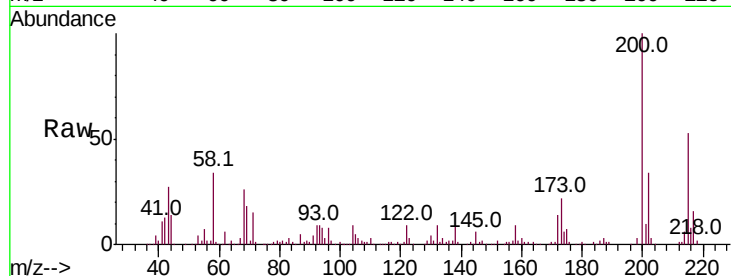
Tot Ion:200 Resp: 172773

Ion Ratio Lower Upper

200 100

173 22.1 3.6 43.6

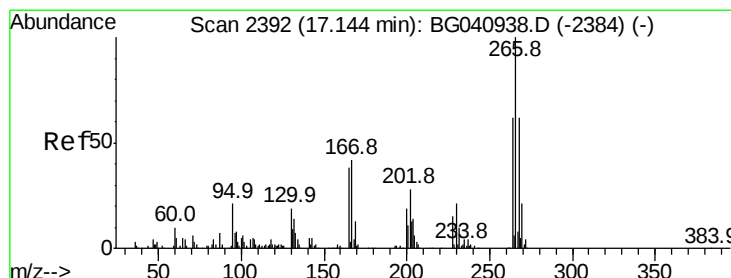
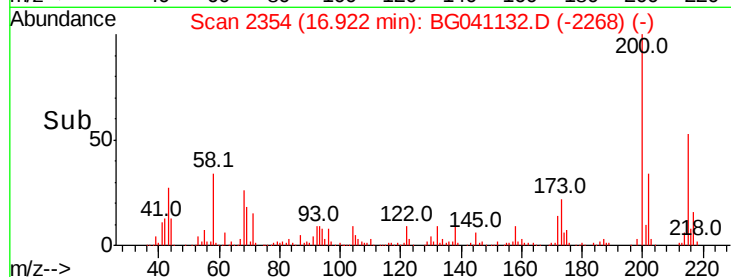
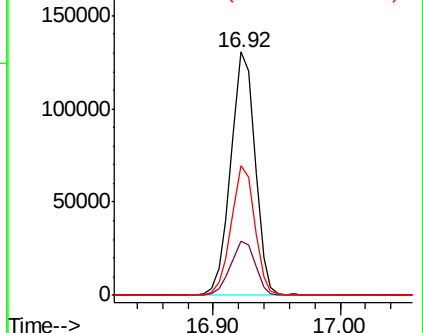
215 53.2 29.6 69.6



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: 67.229 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

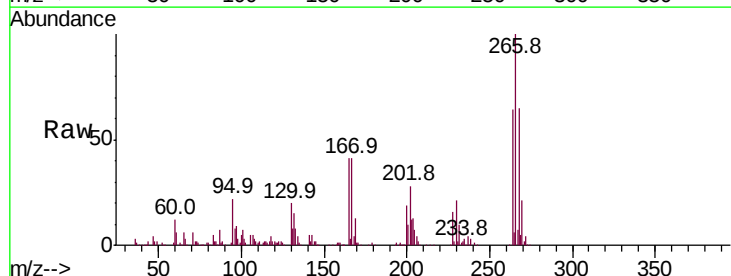
Tgt Ion:266 Resp: 171294

Ion Ratio Lower Upper

266 100

268 65.2 53.1 79.7

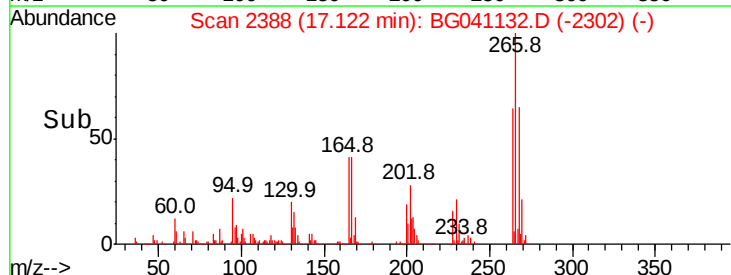
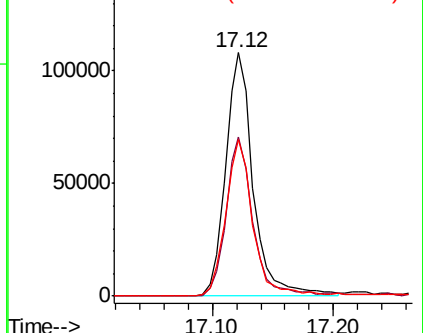
264 64.2 49.9 74.9

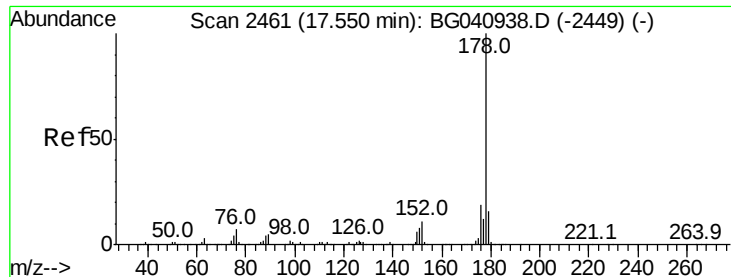


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

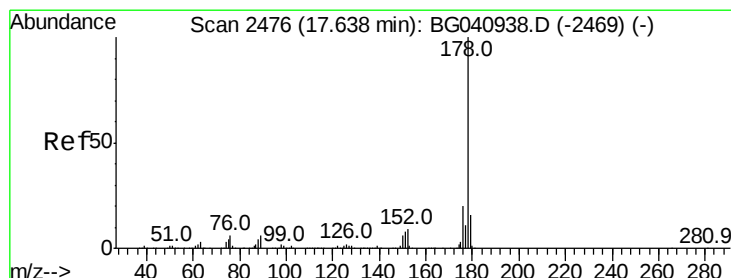
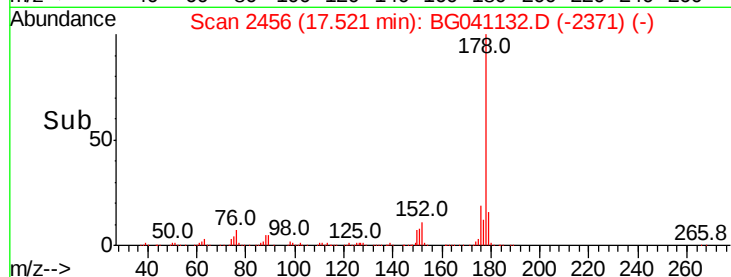
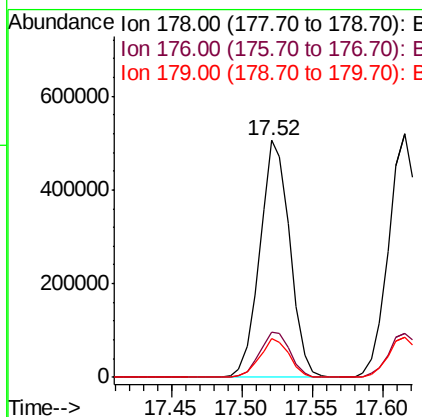
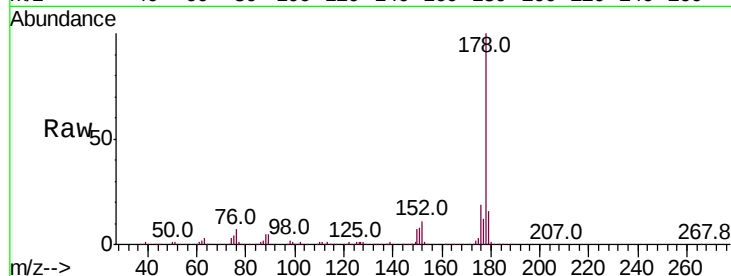




#71
 Phenanthrene
 Concen: 43.287 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.03 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

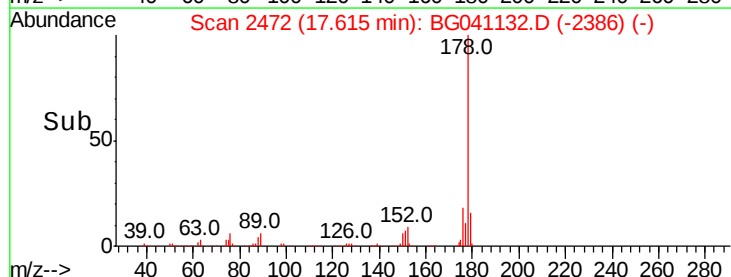
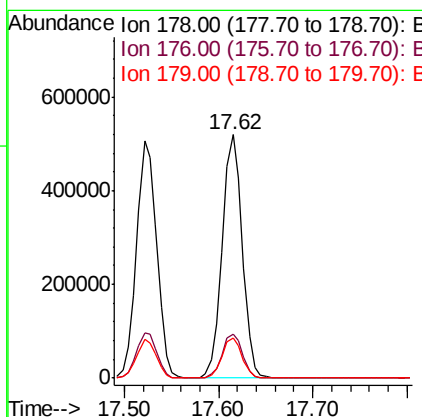
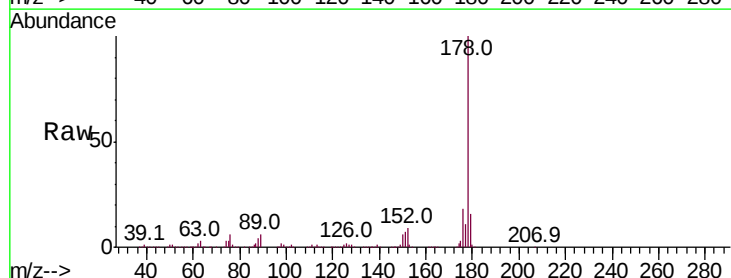
Instrument :
 BNA_G
 ClientSampleId :

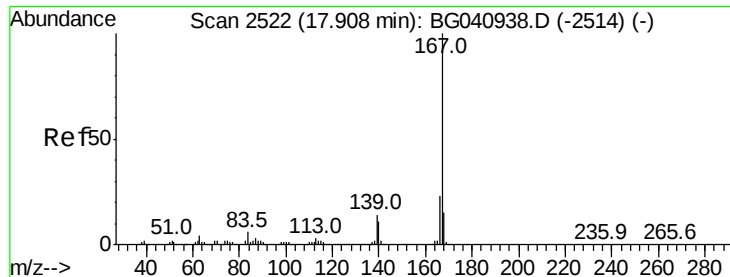
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.2	12.7	19.1



#72
 Anthracene
 Concen: 44.988 ng
 RT: 17.62 min Scan# 2472
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.4	13.0	19.4





#73

Carbazole

Concen: 46.564 ng

RT: 17.89 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

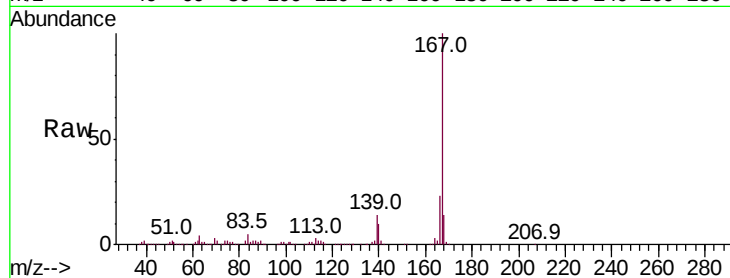
Tot Ion:167 Resp: 686666

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

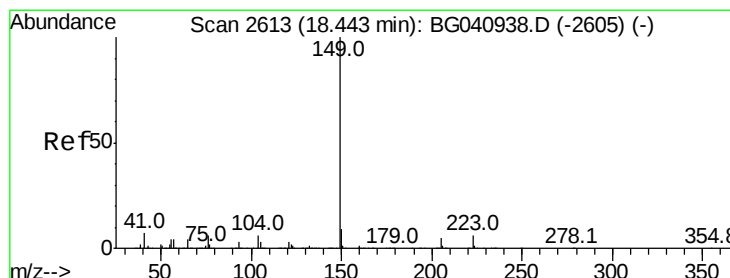
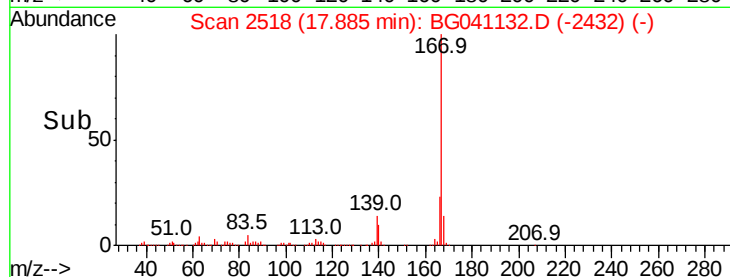
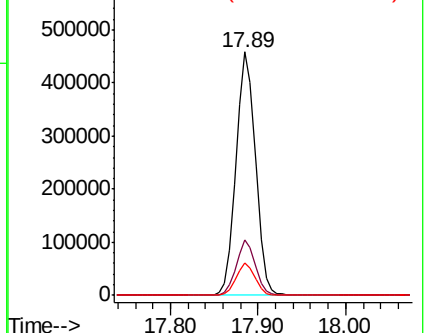
139 13.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.729 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

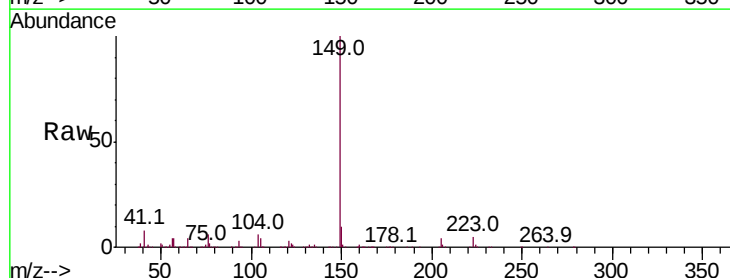
Tgt Ion:149 Resp: 801491

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

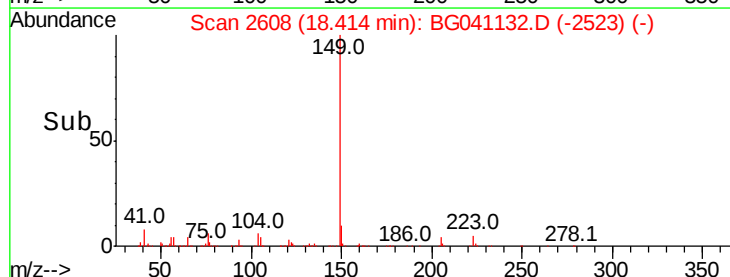
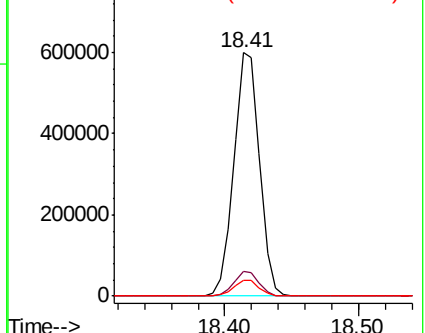
104 6.5 5.0 7.4

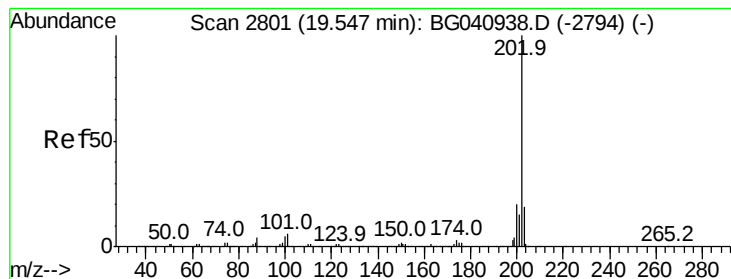


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.738 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

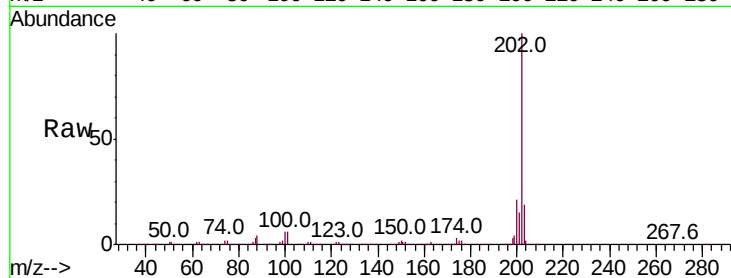
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1005975

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.2
203	18.9	0.0	38.7

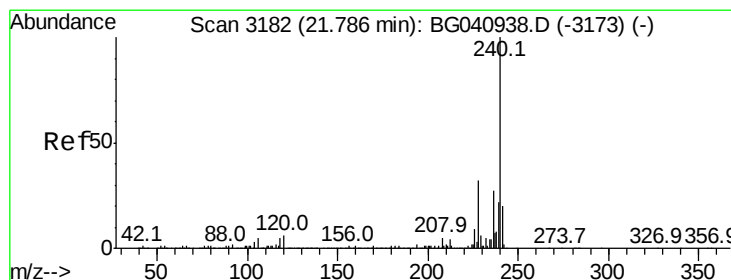
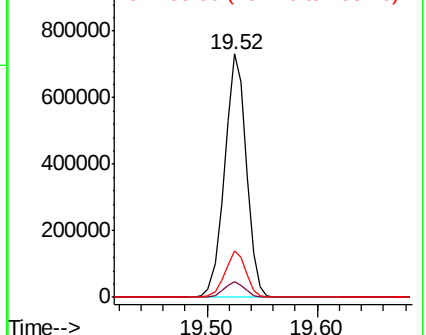
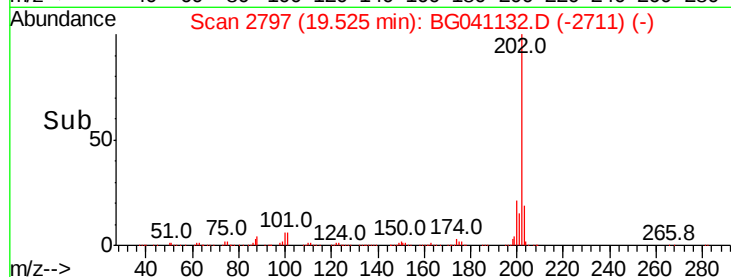


Abundance

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: 21.76 min Scan# 3177

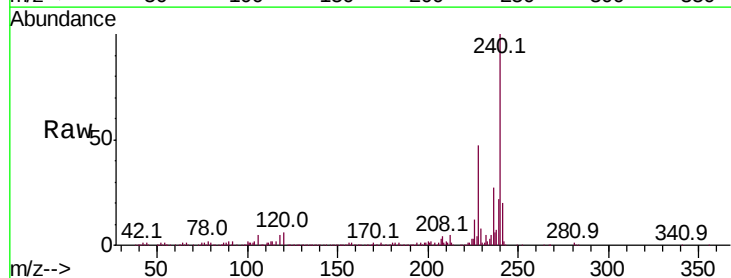
Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:240 Resp: 347000

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.5	6.7
236	26.7	21.3	31.9

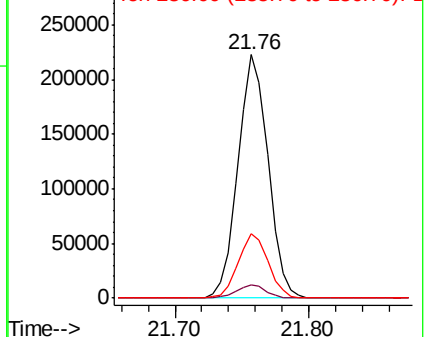
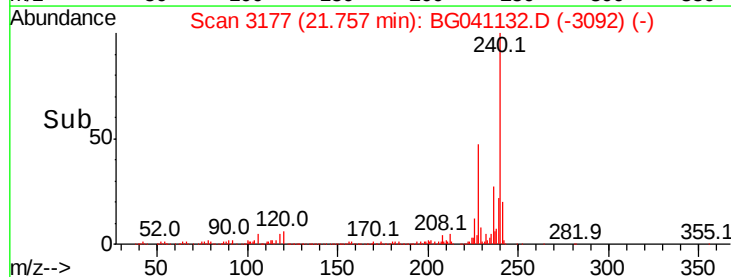


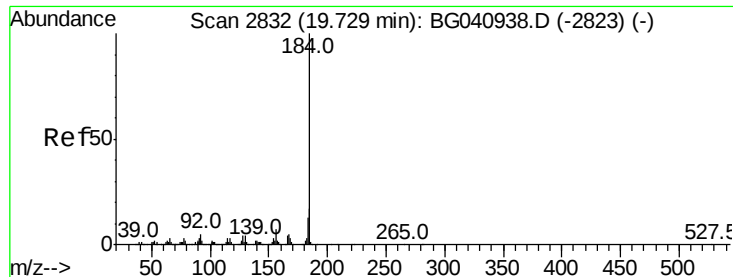
Abundance

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: 7.842 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

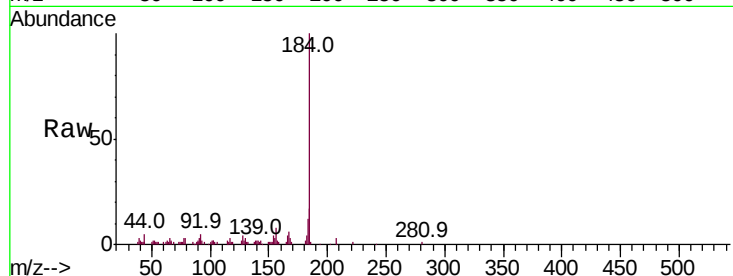
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 64918

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.3	19.9
183	12.0	10.7	16.1

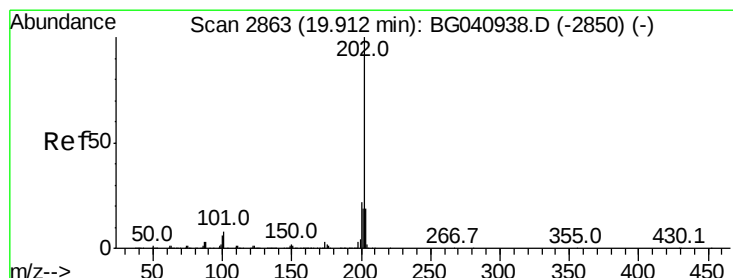
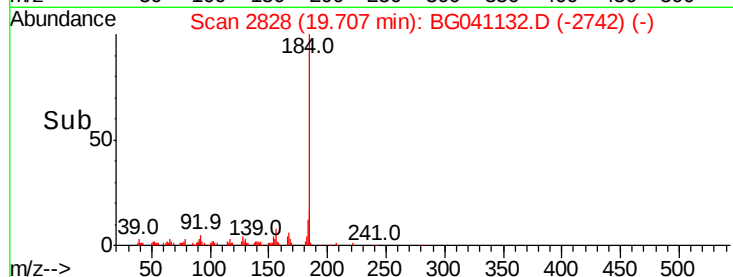
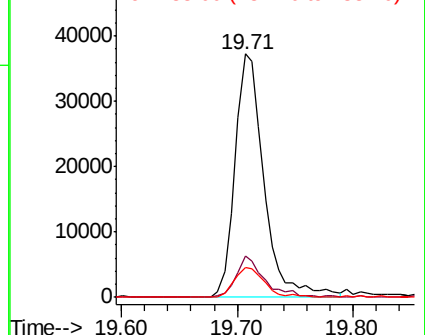


Abundance

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: 44.231 ng

RT: 19.89 min Scan# 2859

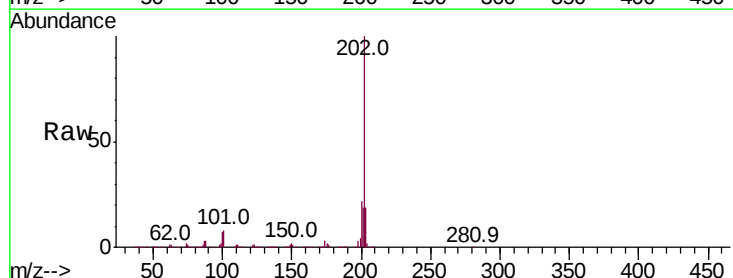
Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:202 Resp: 997723

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	19.2	15.6	23.4

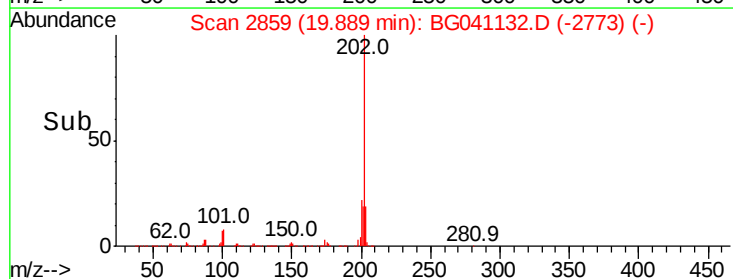
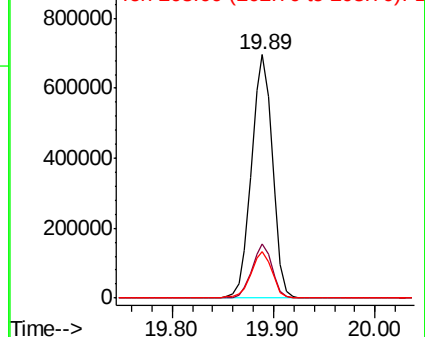


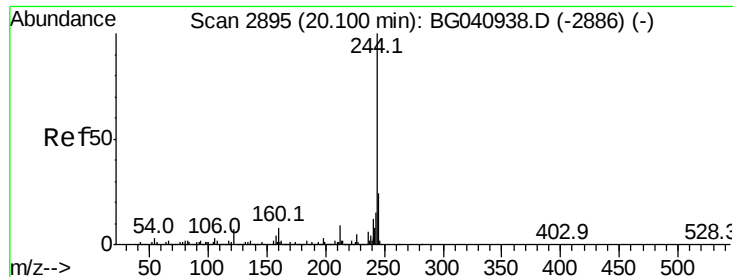
Abundance

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



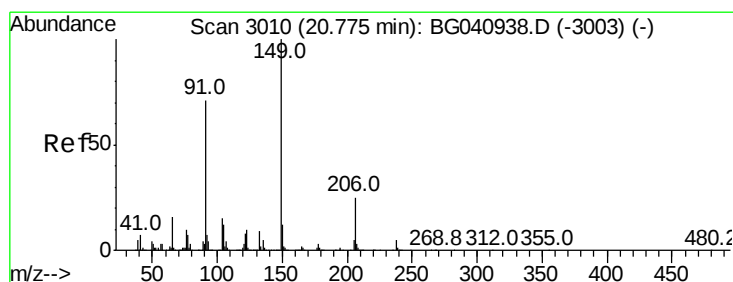
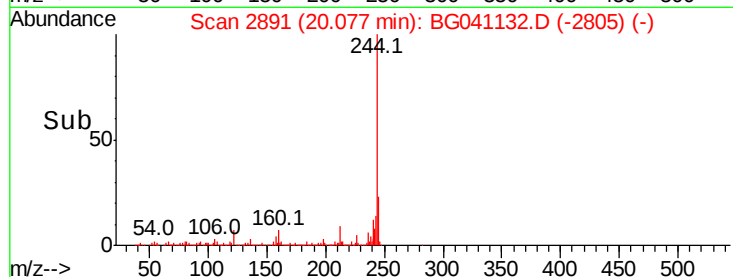
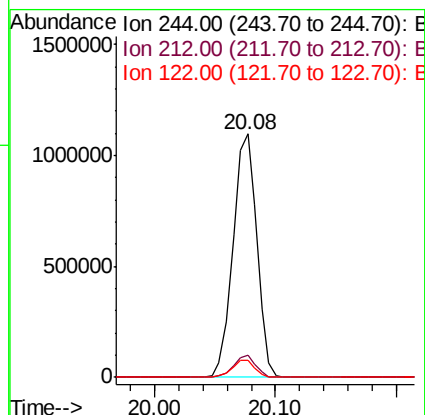
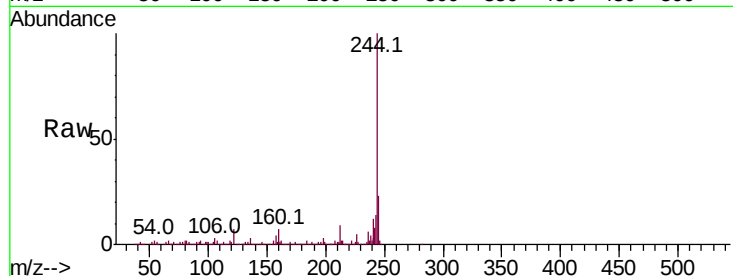


#79
 Terphenyl-d14
 Concen: 91.750 ng
 RT: 20.08 min Scan# 2891
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1500105

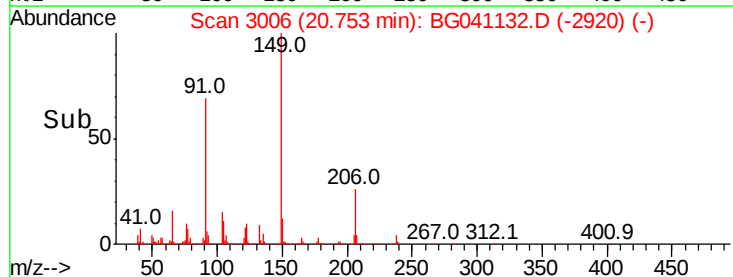
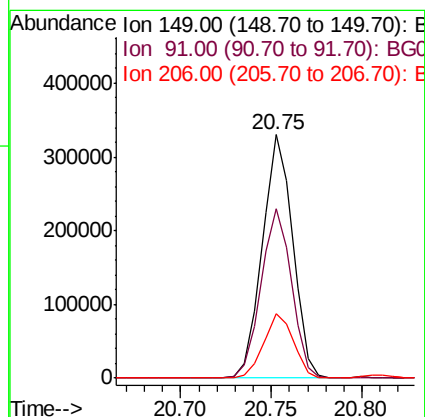
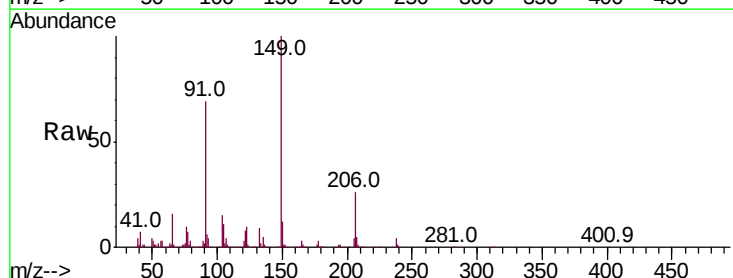
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.9	5.4	8.0

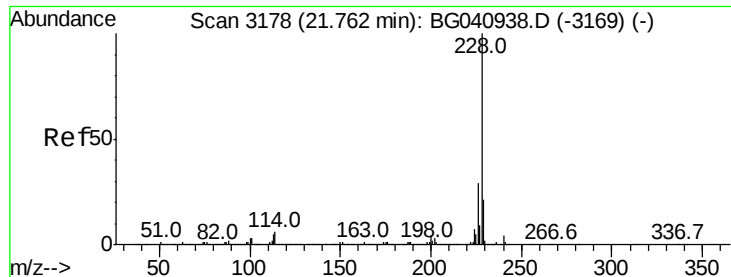


#80
 Butylbenzylphthalate
 Concen: 43.771 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.02 min
 Lab File: BG041132.D
 Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 384237

Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.5	84.7
206	26.4	20.3	30.5





#81

Benzo(a)anthracene

Concen: 42.421 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

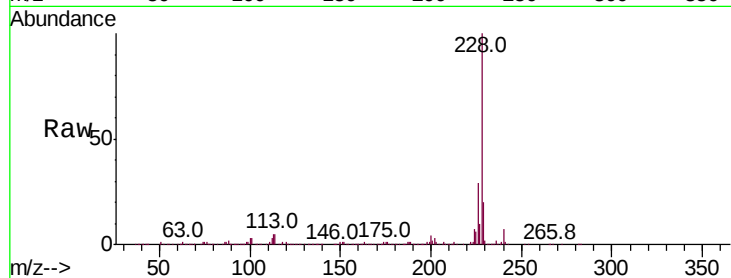
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 979860

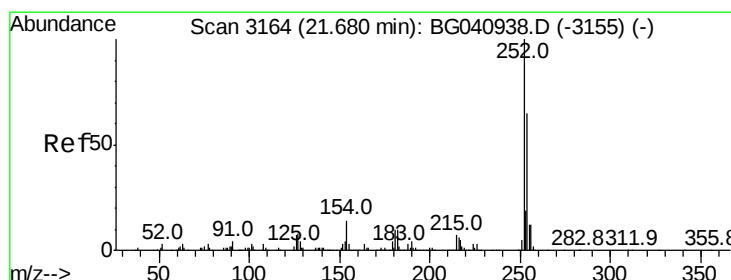
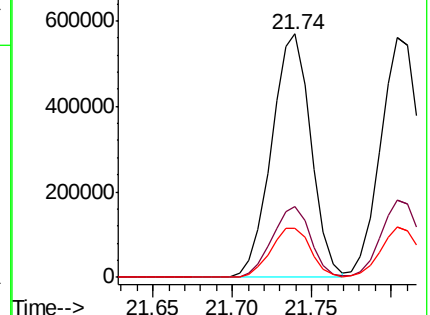
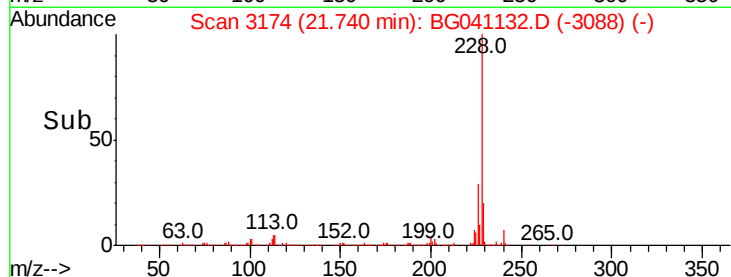
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	20.4	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.514 ng

RT: 21.65 min Scan# 3159

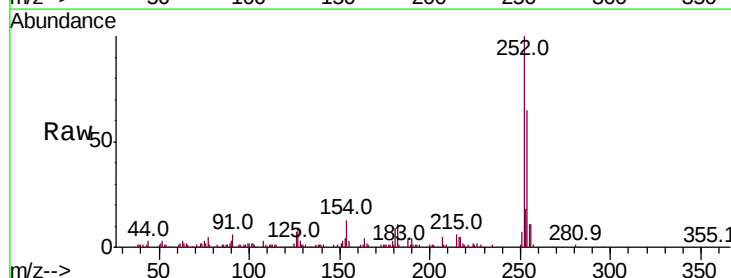
Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:252 Resp: 117914

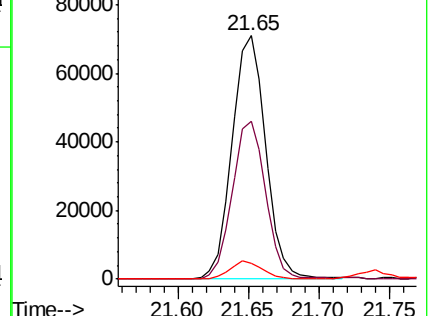
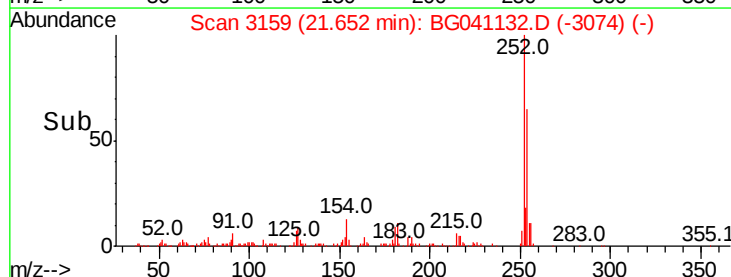
Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	6.5	5.5	8.3

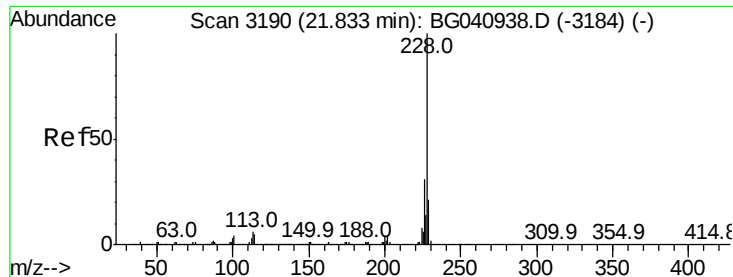


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.728 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

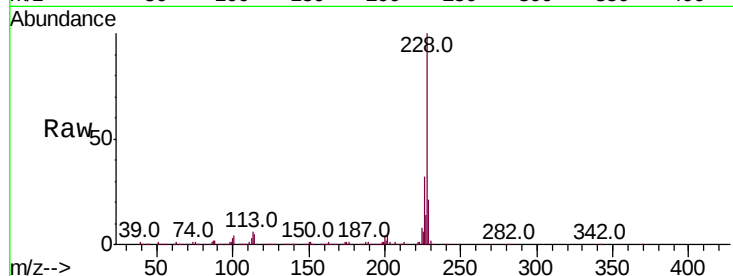
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 966567

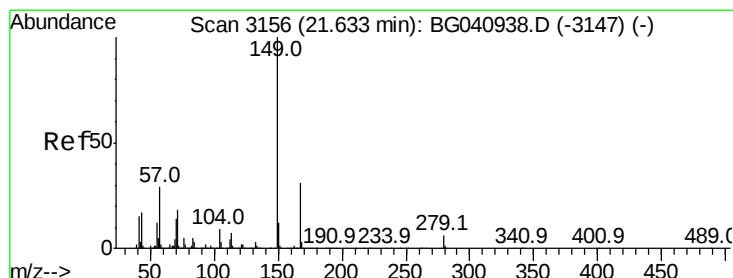
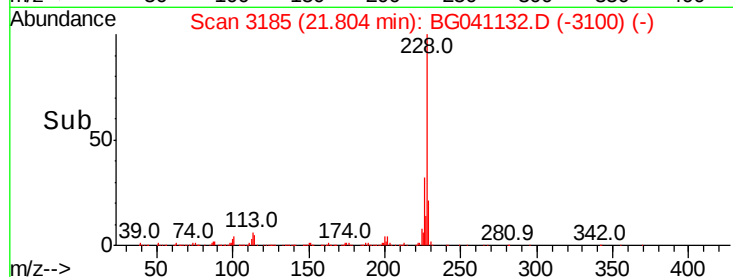
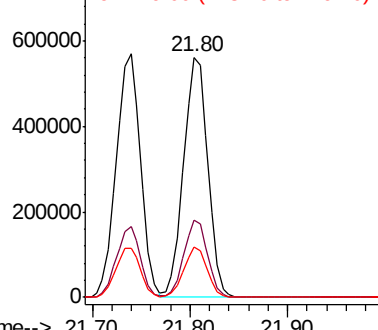
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	20.9	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.559 ng

RT: 21.60 min Scan# 3151

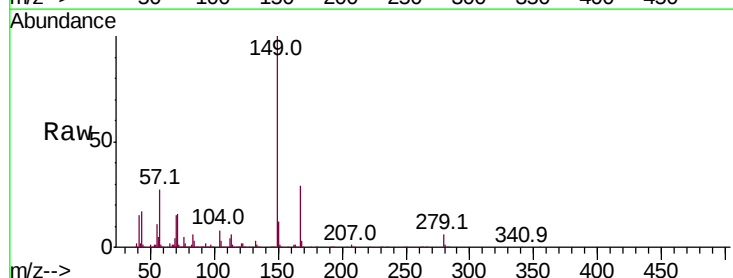
Delta R.T. -0.03 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 525924

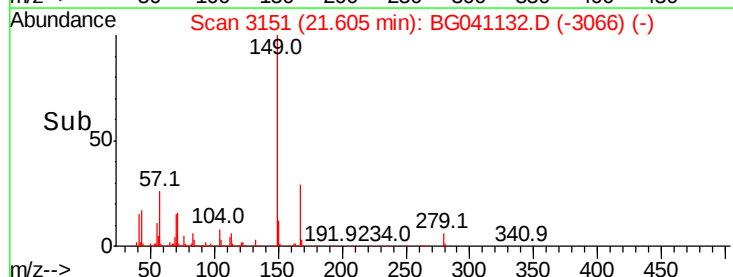
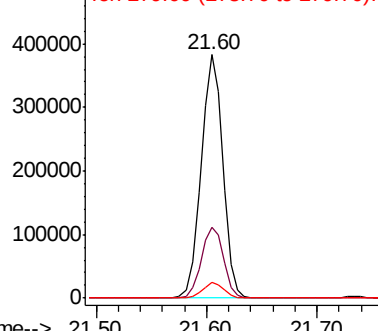
Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.6	37.0
279	6.3	5.0	7.6

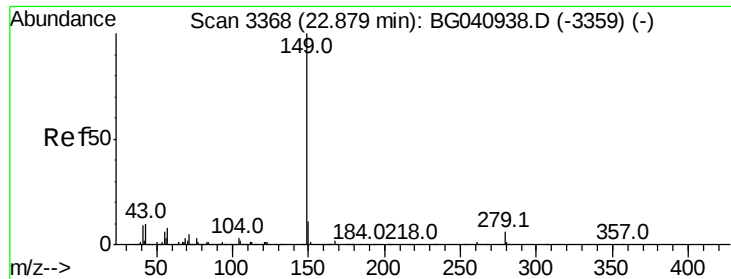


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

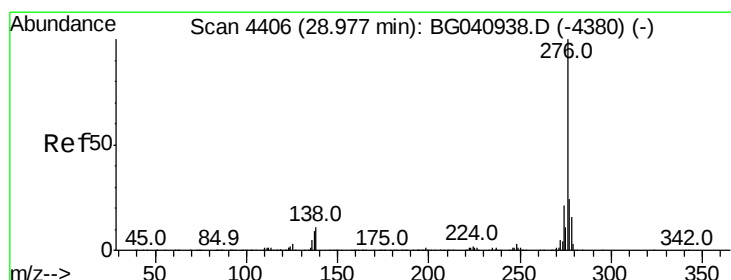
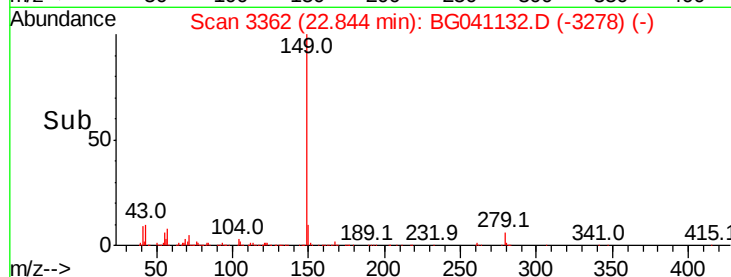
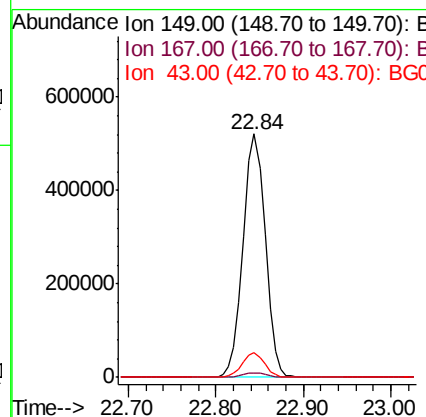
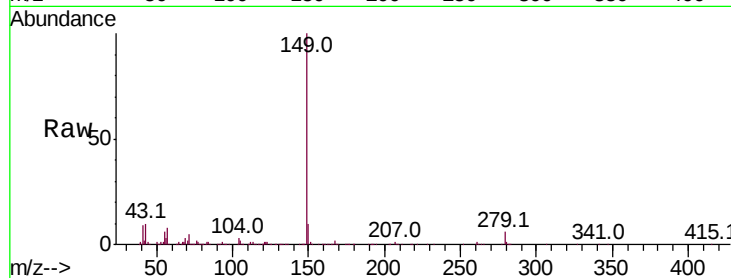




#85
Di-n-octyl phthalate
Concen: 43.264 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.03 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

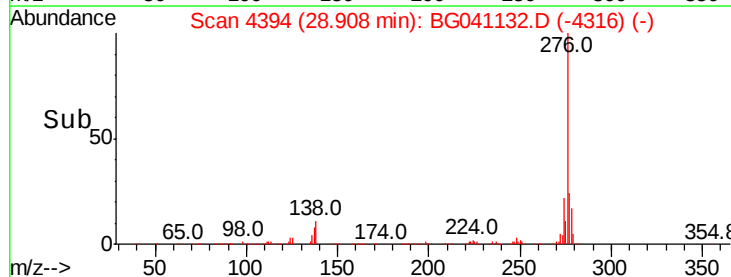
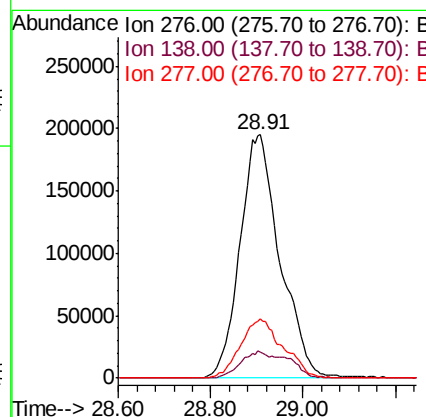
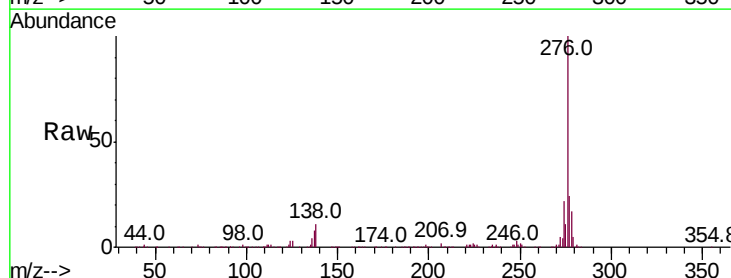
Instrument :
BNA_G
ClientSampleId :

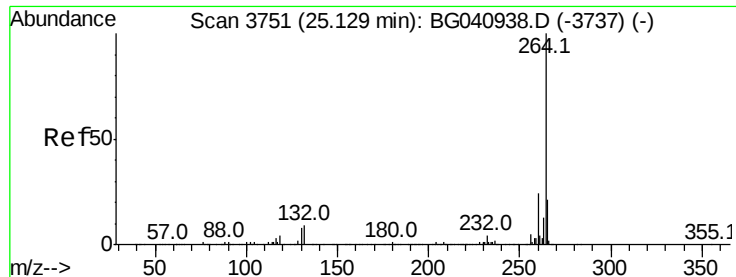
Tot Ion:149 Resp: 890394
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.9 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.291 ng
RT: 28.91 min Scan# 4394
Delta R.T. -0.07 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:276 Resp: 1172190
Ion Ratio Lower Upper
276 100
138 13.3 5.7 8.5#
277 25.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Instrument :

BNA_G

ClientSampleId :

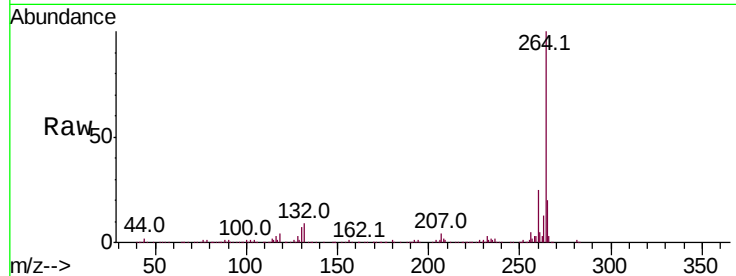
Tot Ion:264 Resp: 366855

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

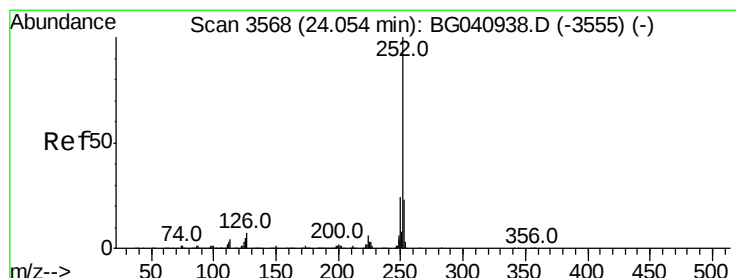
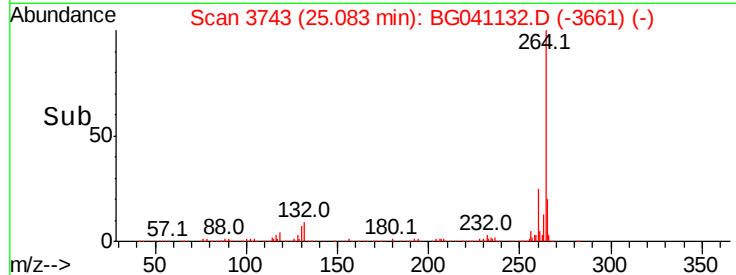
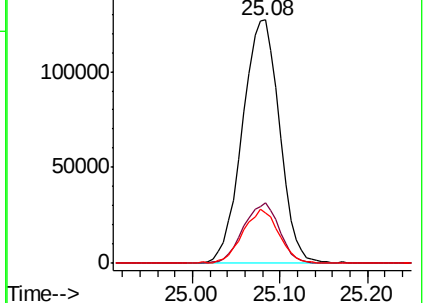
265 20.5 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.233 ng

RT: 24.01 min Scan# 3561

Delta R.T. -0.04 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

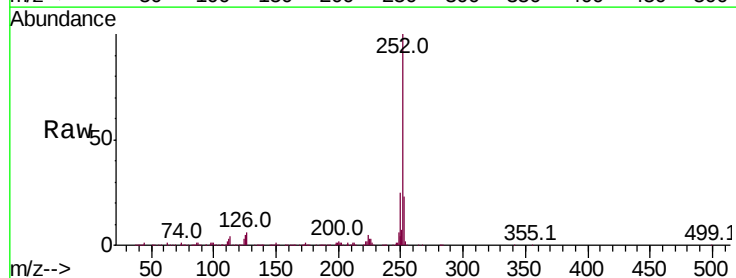
Tgt Ion:252 Resp: 1006491

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

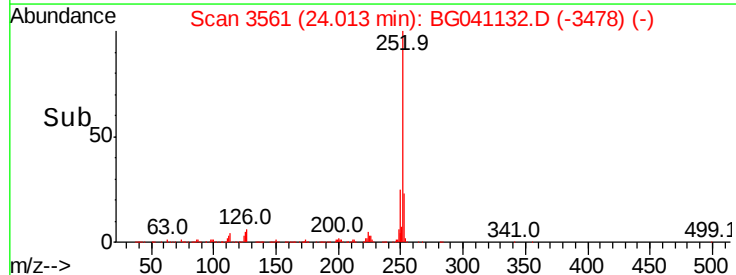
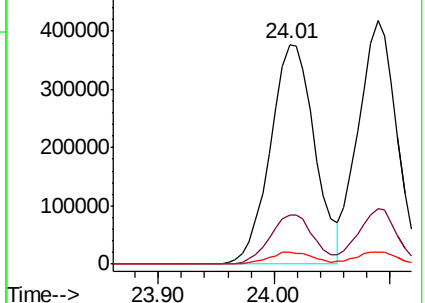
125 5.4 4.3 6.5

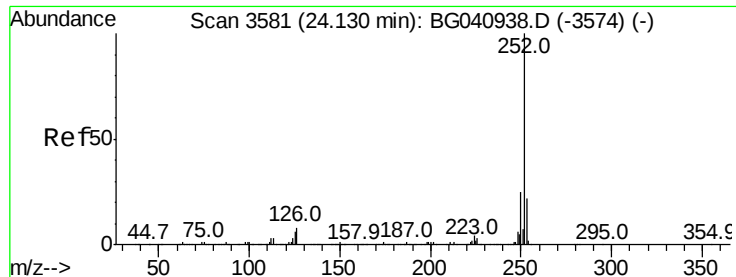


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

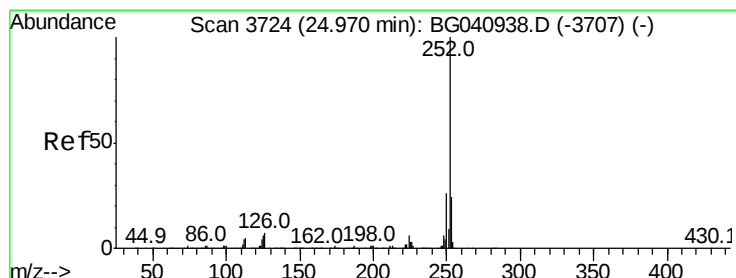
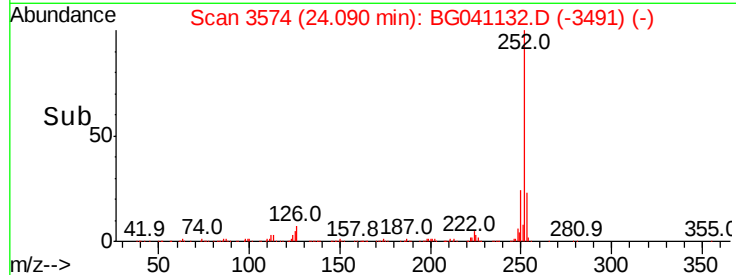
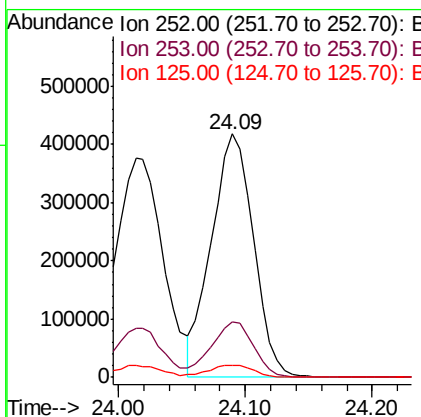
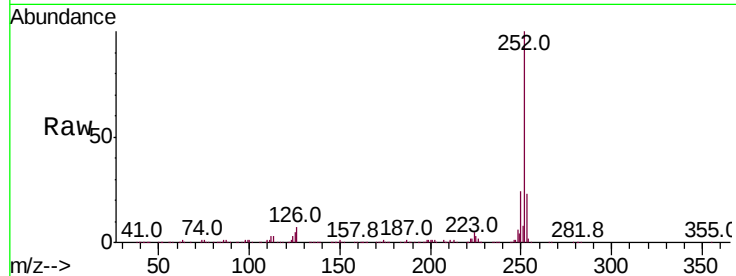




#89
Benzo(k)fluoranthene
Concen: 43.581 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

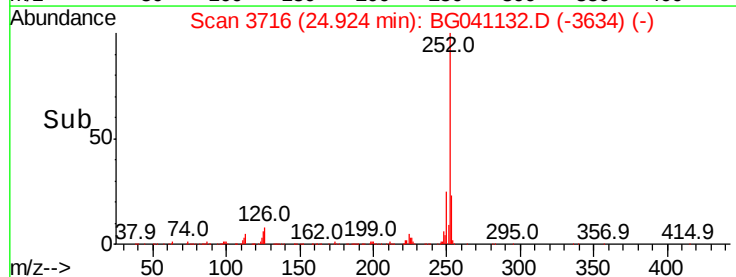
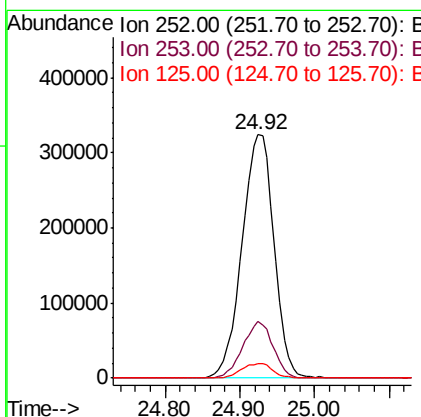
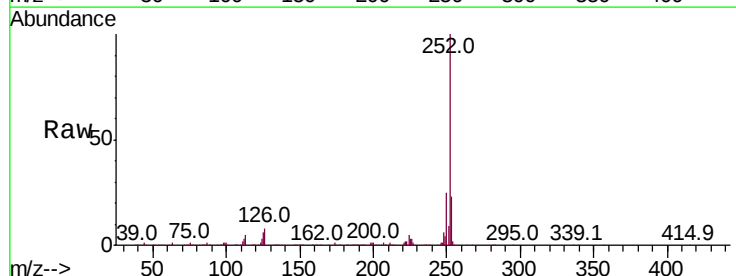
Instrument :
BNA_G
ClientSampleId :

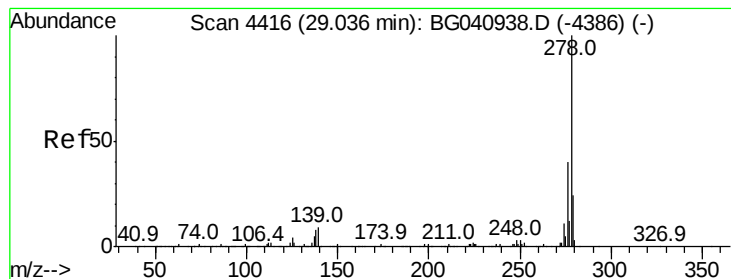
Tot Ion:252 Resp: 959595
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 5.0 4.7 7.1



#90
Benzo(a)pyrene
Concen: 45.428 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.05 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:252 Resp: 964391
Ion Ratio Lower Upper
252 100
253 23.2 19.5 29.3
125 6.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 45.297 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.06 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

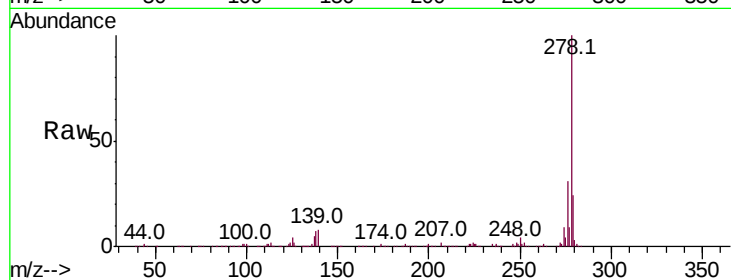
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 960854

Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.1	10.7
279	24.1	19.4	29.2

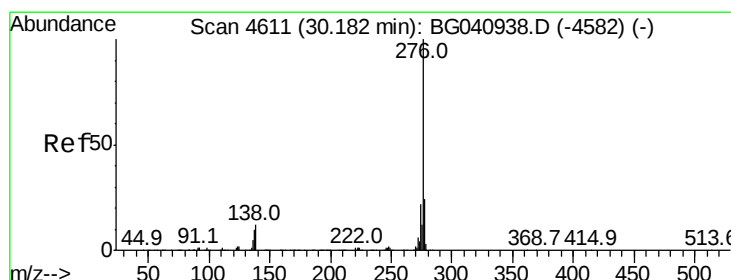
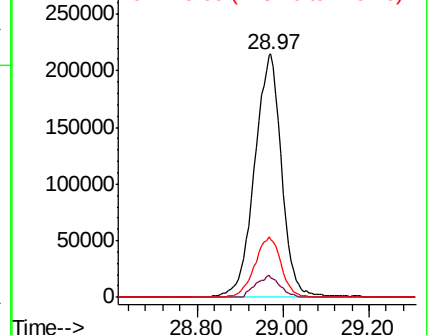
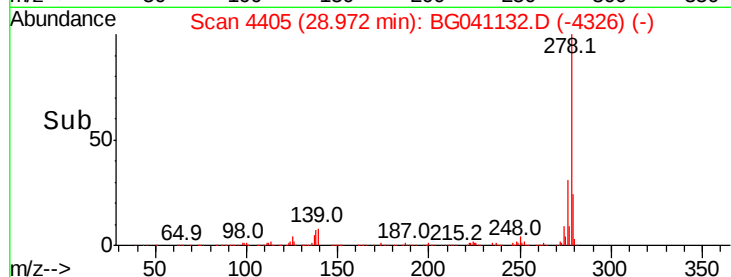


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.783 ng

RT: 30.11 min Scan# 4598

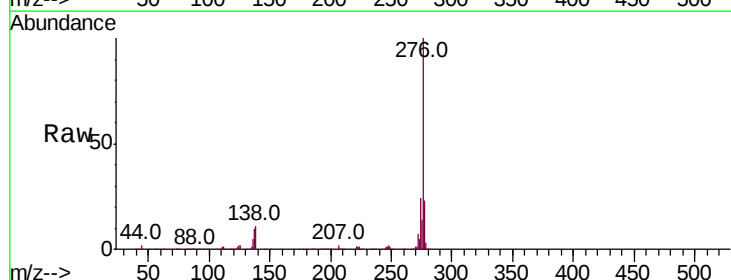
Delta R.T. -0.08 min

Lab File: BG041132.D

Acq: 8 Jun 2019 14:14

Tgt Ion:276 Resp: 964118

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	11.4	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

