

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043091.D
 Acq On : 8 Oct 2019 18:39
 Operator : JU
 Sample : K5141-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:09:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64073	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	236077	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	170205	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	401332	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	432355	20.00	ng	-0.03
87) Perylene-d12	24.91	264	509235	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	464787	129.46	ng	-0.01
7) Phenol-d6	7.24	99	662345	128.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	412573	84.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	411280	140.52	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1007085	85.78	ng	-0.02
79) Terphenyl-d14	20.03	244	1941836	95.70	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	51940	34.698	ng	# 52
3) Pyridine	3.96	79	146198	34.725	ng	90
4) n-Nitrosodimethylamine	3.86	42	80982	39.999	ng	# 77
6) Aniline	7.39	93	178866	28.659	ng	99
8) 2-Chlorophenol	7.63	128	179064	47.824	ng	97
9) Benzaldehyde	7.20	77	85059	26.923	ng	80
10) Phenol	7.27	94	250794	52.871	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	165216	45.016	ng	94
12) 1,3-Dichlorobenzene	7.95	146	187119	39.176	ng	98
13) 1,4-Dichlorobenzene	8.09	146	195100	40.975	ng	98
14) 1,2-Dichlorobenzene	8.41	146	180514	39.821	ng	91
15) Benzyl Alcohol	8.30	79	173598	44.660	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	225676	32.018	ng	95
17) 2-Methylphenol	8.51	107	156989	47.299	ng	98
18) Hexachloroethane	9.15	117	69403	38.703	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	138442	40.779	ng	89
20) 3+4-Methylphenols	8.83	107	214080	47.066	ng	95
22) Acetophenone	8.88	105	266829	43.848	ng	94
24) Nitrobenzene	9.26	77	204875	44.222	ng	97
25) Isophorone	9.78	82	393561	46.130	ng	97
26) 2-Nitrophenol	9.97	139	104901	53.190	ng	98
27) 2,4-Dimethylphenol	10.04	122	173220	57.192	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	213414	44.089	ng	96
29) 2,4-Dichlorophenol	10.51	162	194872	51.733	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	211149	43.407	ng	99
31) Naphthalene	10.91	128	534035	45.954	ng	98
32) Benzoic acid	10.20	122	116154	49.040	ng	97
33) 4-Chloroaniline	11.04	127	25072	4.972	ng	# 91
34) Hexachlorobutadiene	11.20	225	148125	40.668	ng	98
35) Caprolactam	11.80	113	36538	27.506	ng	# 76
36) 4-Chloro-3-methylphenol	12.15	107	211189	51.564	ng	93
37) 2-Methylnaphthalene	12.51	142	409621	46.204	ng	98
38) 1-Methylnaphthalene	12.73	142	387113	46.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	266251	41.605	ng	99

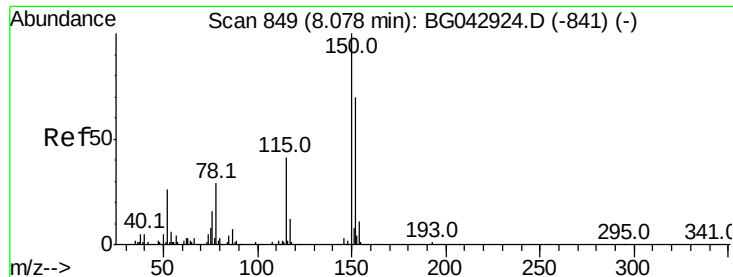
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043091.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	355809	87.261	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	186259	49.726	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	199625	51.734	nq	98
46) 1,1'-Biphenyl	13.52	154	552333	42.792	nq	99
47) 2-Chloronaphthalene	13.56	162	437087	45.166	nq	97
48) 2-Nitroaniline	13.76	65	145434	45.192	nq	93
49) Acenaphthylene	14.40	152	702180	47.420	nq	97
50) Dimethylphthalate	14.13	163	871500	68.338	nq	99
51) 2,6-Dinitrotoluene	14.25	165	138226	50.897	nq	92
52) Acenaphthene	14.75	154	425832	42.963	nq	99
53) 3-Nitroaniline	14.59	138	77300	27.542	nq	94
54) 2,4-Dinitrophenol	14.79	184	133546	79.110	nq	90
55) Dibenzofuran	15.08	168	685997	46.787	nq	98
56) 4-Nitrophenol	14.90	139	223316	104.427	nq	91
57) 2,4-Dinitrotoluene	15.04	165	194862	48.997	nq	94
58) Fluorene	15.73	166	581617	46.463	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	200616	48.830	nq	90
60) Diethylphthalate	15.49	149	599062	46.158	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	334753	44.590	nq	99
62) 4-Nitroaniline	15.75	138	142673	46.610	nq	99
63) Azobenzene	16.01	77	509717	43.137	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	114326	50.342	nq	90
66) n-Nitrosodiphenylamine	15.93	169	523445	49.407	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	240585	47.763	nq	97
68) Hexachlorobenzene	16.73	284	265833	47.398	nq	99
69) Atrazine	16.88	200	202115	45.304	nq	97
70) Pentachlorophenol	17.08	266	319765	98.808	nq	98
71) Phenanthrene	17.47	178	938842	47.917	nq	98
72) Anthracene	17.55	178	963380	49.252	nq	99
73) Carbazole	17.82	167	895131	49.350	nq	99
74) Di-n-butylphthalate	18.38	149	1034135	47.785	nq	99
75) Fluoranthene	19.47	202	1238151	47.777	nq	100
77) Benzidine	19.65	184	552832	51.066	nq	99
78) Pyrene	19.83	202	1235633	47.882	nq	99
80) Butylbenzylphthalate	20.71	149	483683	49.380	nq	96
81) Benzo(a)anthracene	21.67	228	1286594	47.758	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	331795	31.402	nq	98
83) Chrysene	21.74	228	1225993	46.896	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	682436	48.963	nq	99
85) Di-n-octyl phthalate	22.79	149	1166762	51.193	nq	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1650146	50.702	nq	# 95
88) Benzo(b)fluoranthene	23.89	252	1385056	48.069	nq	99
89) Benzo(k)fluoranthene	23.96	252	1349213	47.333	nq	100
90) Benzo(a)pyrene	24.76	252	1355476	49.862	nq	99
91) Dibenzo(a,h)anthracene	28.63	278	1396200	50.086	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1370722	50.750	nq	96

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

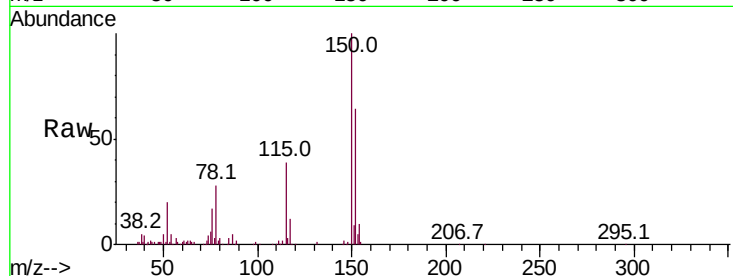


#1

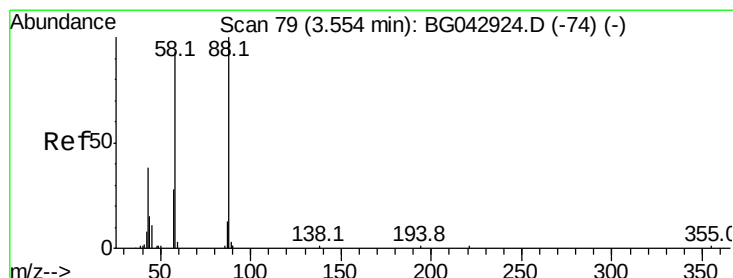
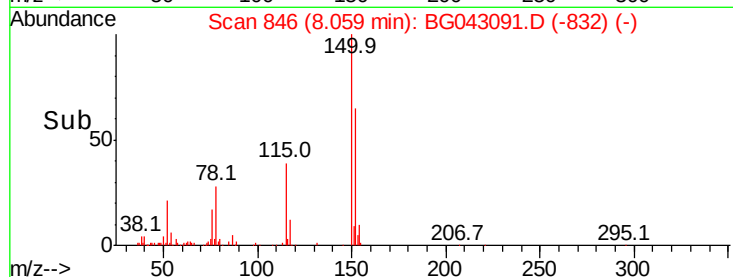
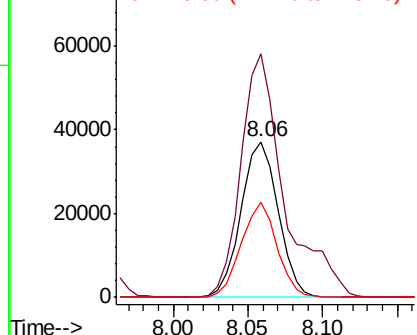
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64073
Ion Ratio Lower Upper
152 100
150 156.4 115.0 172.4
115 61.2 47.0 70.6



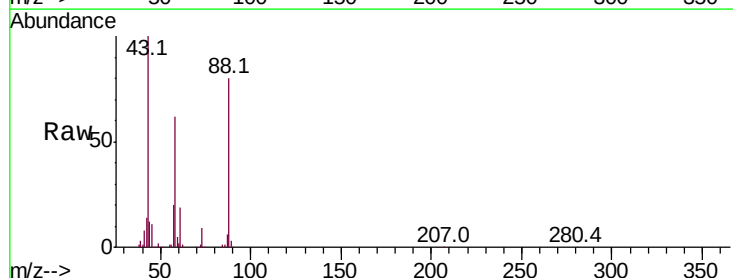
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



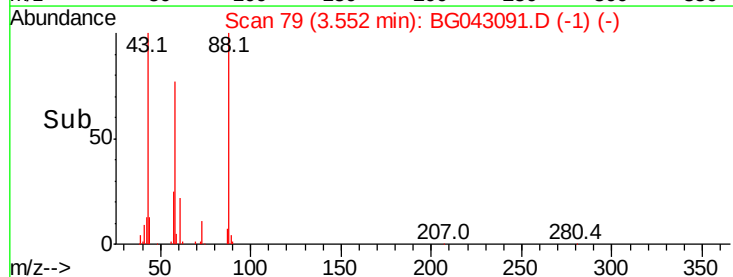
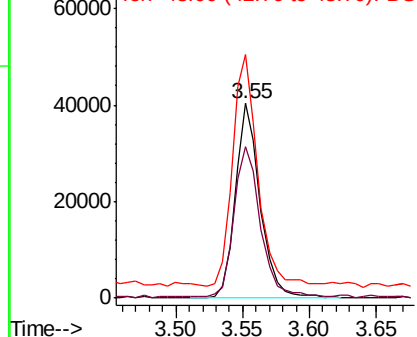
#2

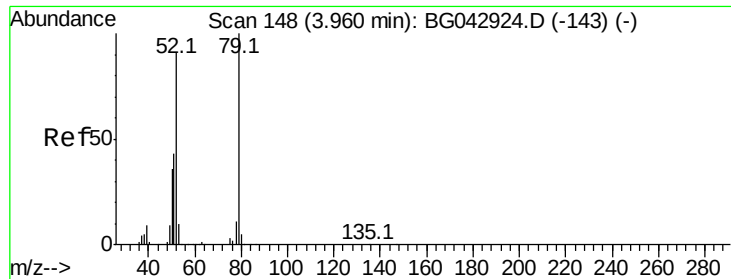
1,4-Dioxane
Concen: 34.698 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion: 88 Resp: 51940
Ion Ratio Lower Upper
88 100
58 82.9 74.3 111.5
43 121.7 29.8 44.8#



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: 34.725 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

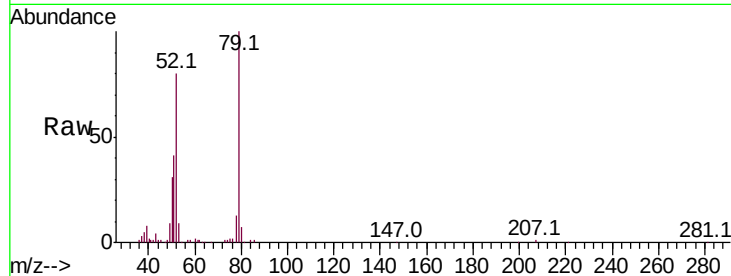
Tot Ion: 79 Resp: 146198

Ion Ratio Lower Upper

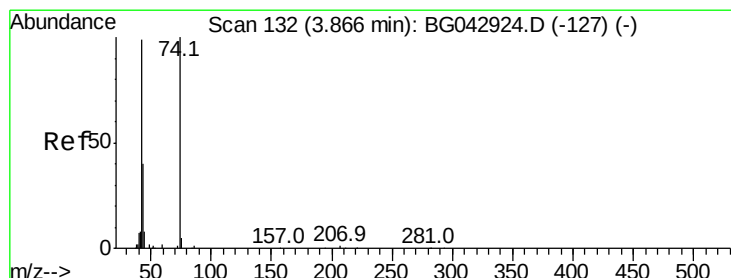
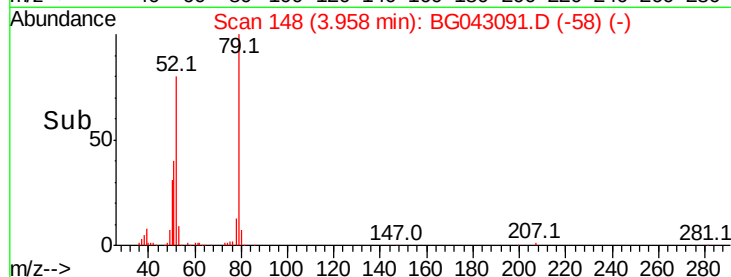
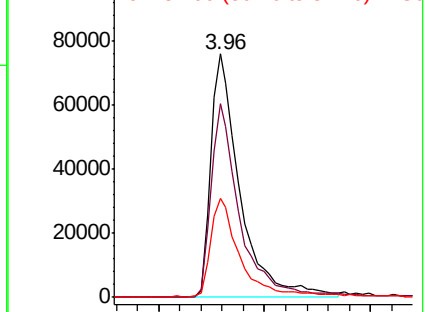
79 100

52 79.7 73.0 109.4

51 40.8 35.1 52.7



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: 39.999 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

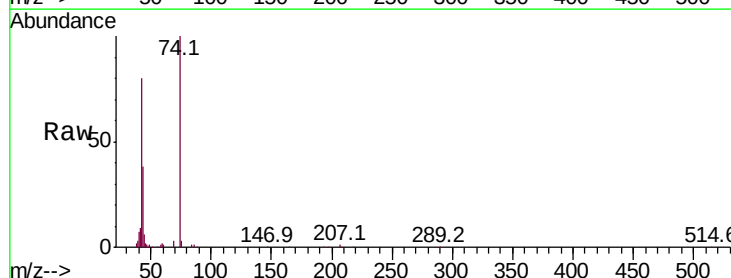
Tgt Ion: 42 Resp: 80982

Ion Ratio Lower Upper

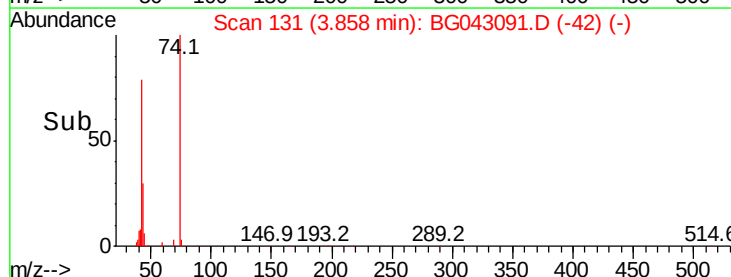
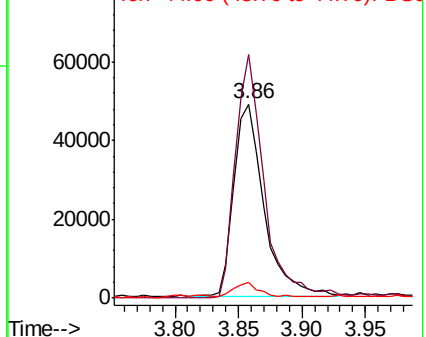
42 100

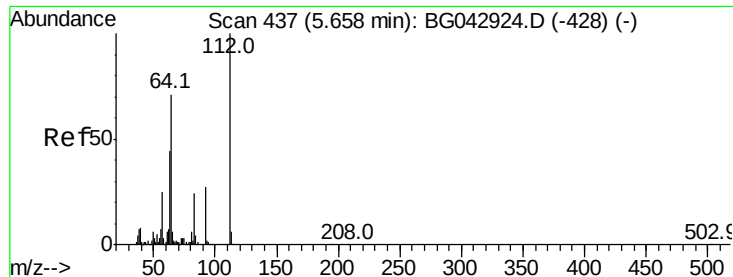
74 125.6 80.5 120.7#

44 7.9 6.9 10.3



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: 129.457 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

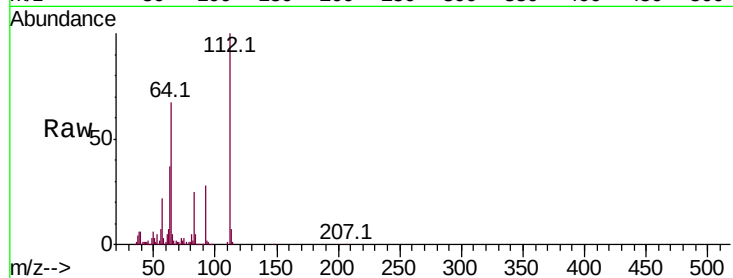
Tot Ion:112 Resp: 464787

Ion Ratio Lower Upper

112 100

64 67.4 56.6 84.8

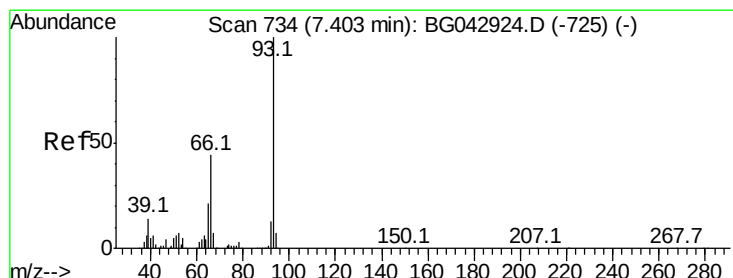
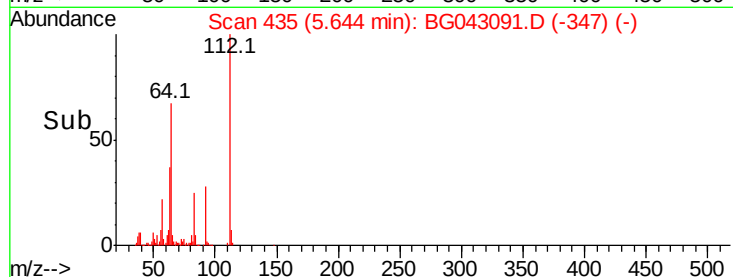
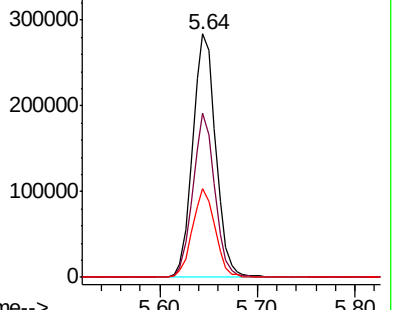
63 36.7 35.1 52.7



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: 28.659 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

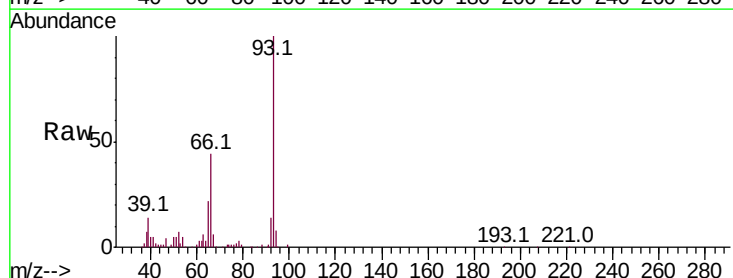
Tgt Ion: 93 Resp: 178866

Ion Ratio Lower Upper

93 100

66 44.2 35.0 52.6

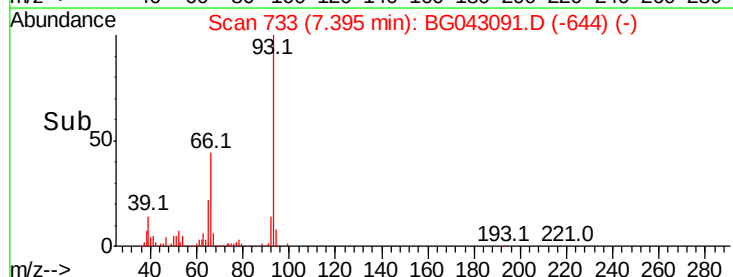
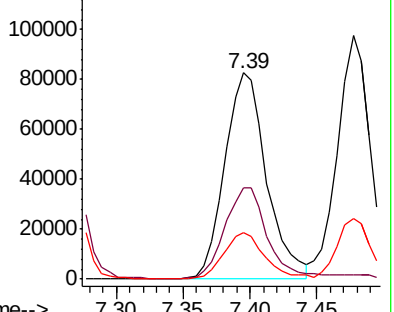
65 22.2 17.4 26.0

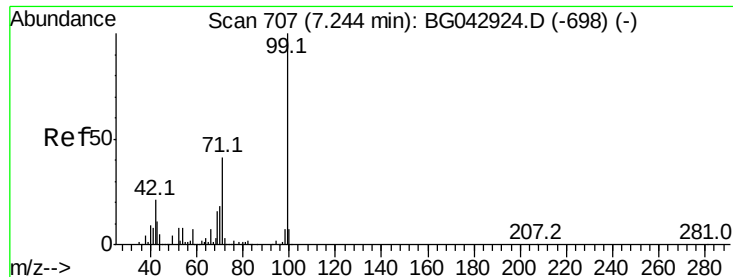


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.108 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampled :

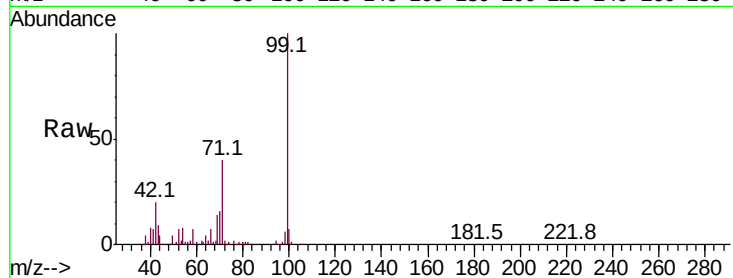
Tot Ion: 99 Resp: 662345

Ion Ratio Lower Upper

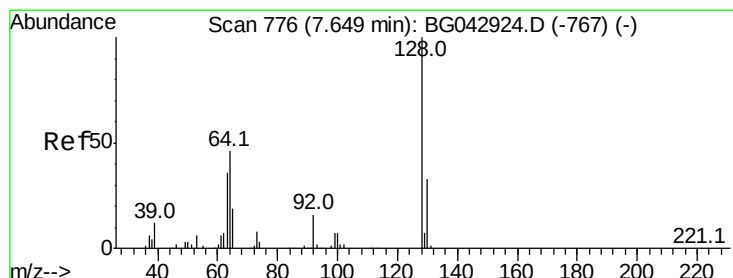
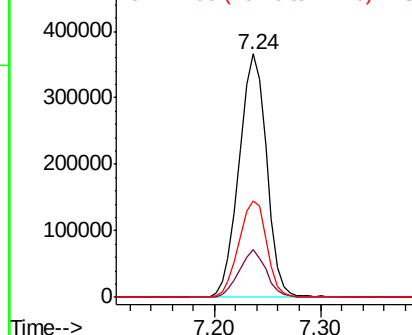
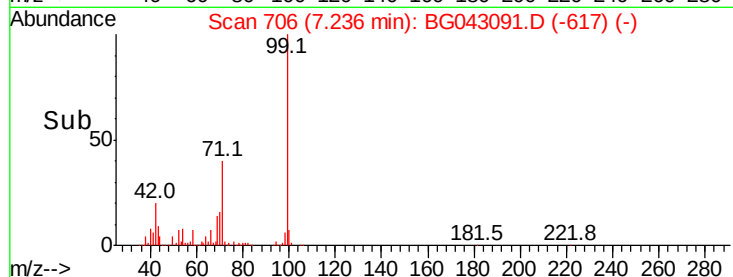
99 100

42 19.8 17.2 25.8

71 39.8 33.1 49.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.824 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

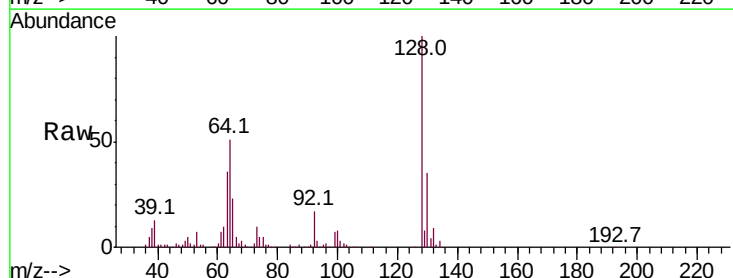
Tgt Ion: 128 Resp: 179064

Ion Ratio Lower Upper

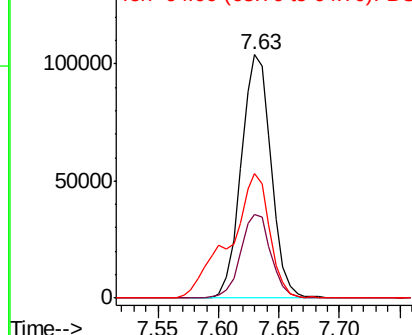
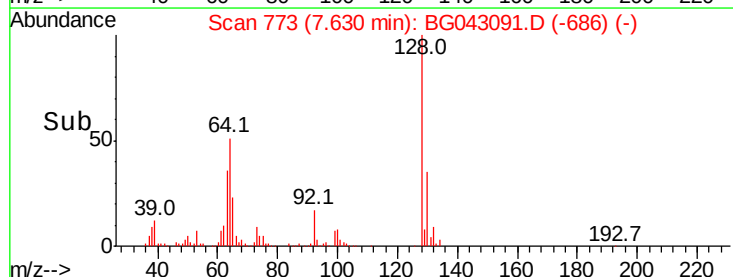
128 100

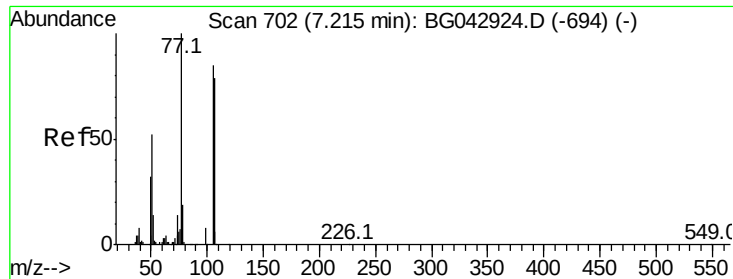
130 34.5 12.5 52.5

64 51.0 32.8 72.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.923 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

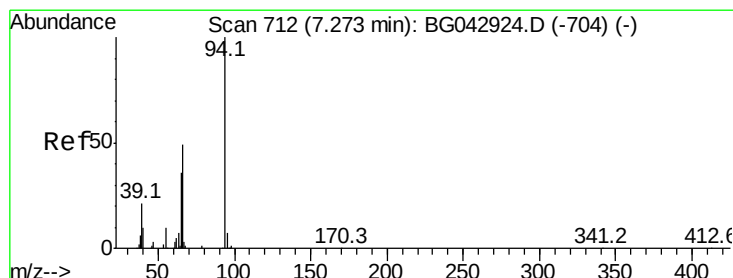
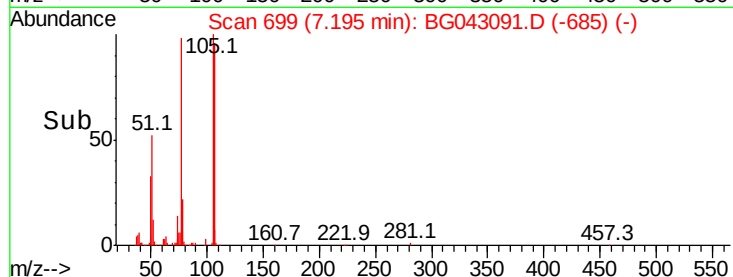
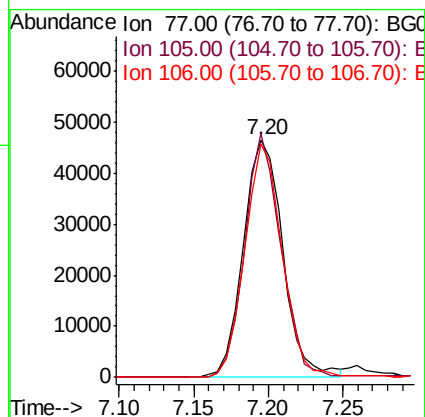
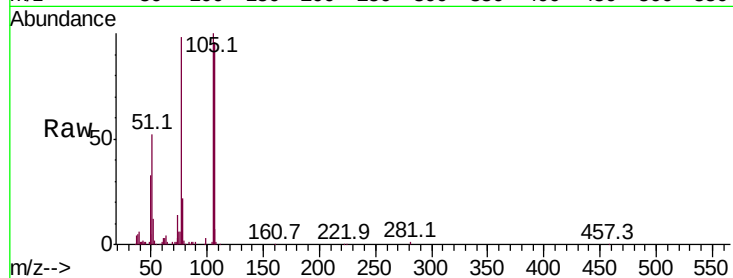
Tot Ion: 77 Resp: 85059

Ion Ratio Lower Upper

77 100

105 102.4 64.6 104.6

106 97.9 59.4 99.4



#10

Phenol

Concen: 52.871 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

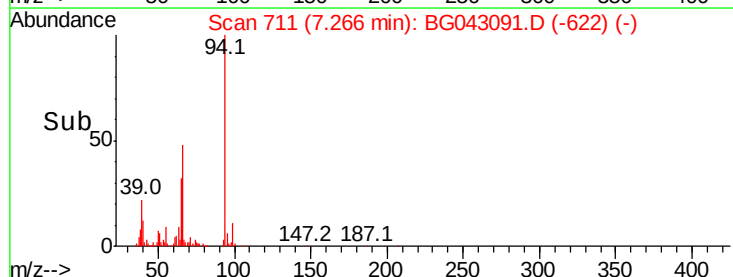
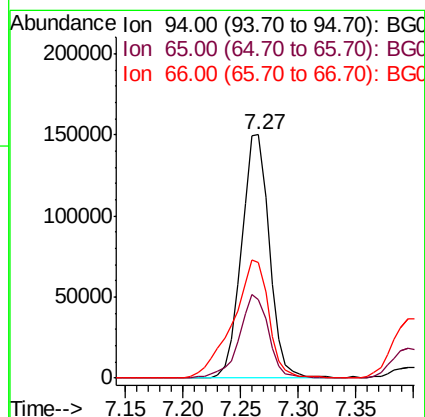
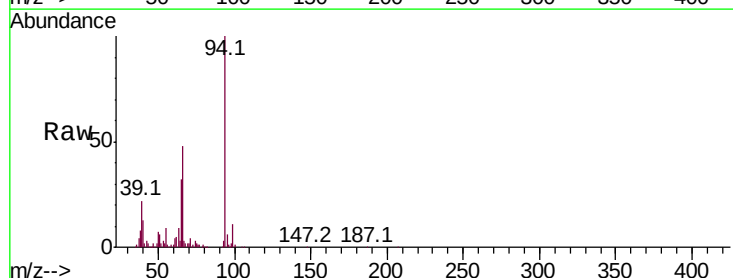
Tgt Ion: 94 Resp: 250794

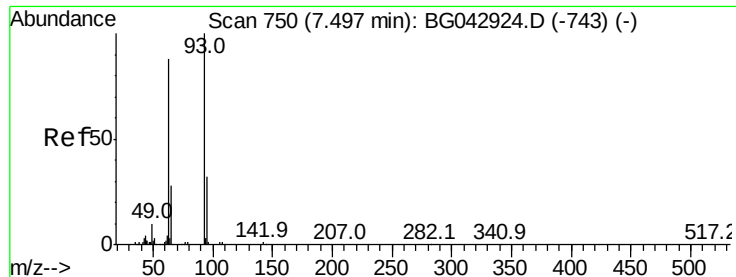
Ion Ratio Lower Upper

94 100

65 32.1 16.6 56.6

66 47.6 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 45.016 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

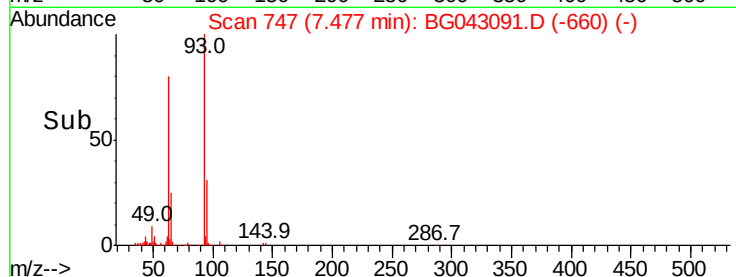
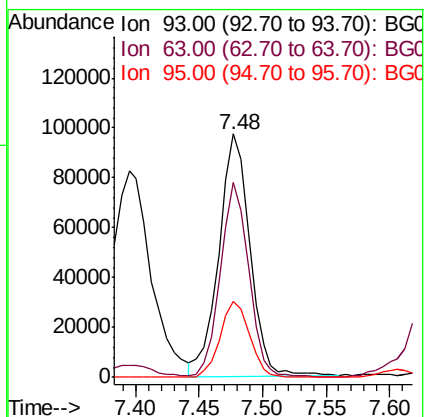
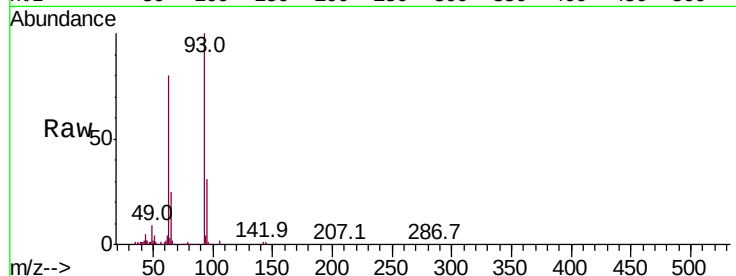
Tot Ion: 93 Resp: 165216

Ion Ratio Lower Upper

93 100

63 80.2 67.4 107.4

95 31.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 39.176 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

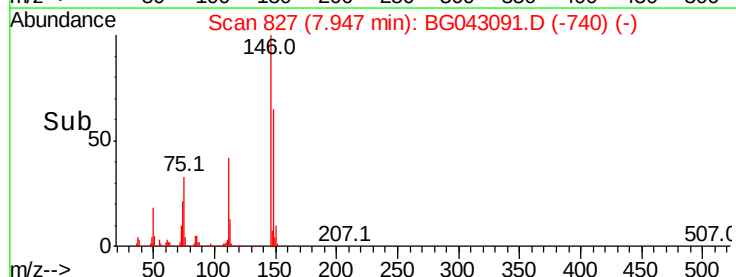
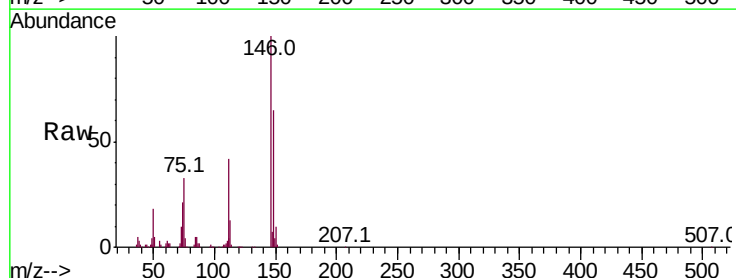
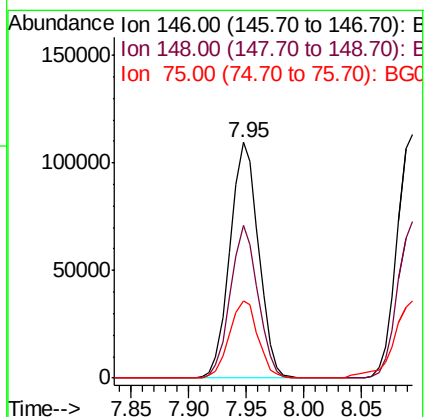
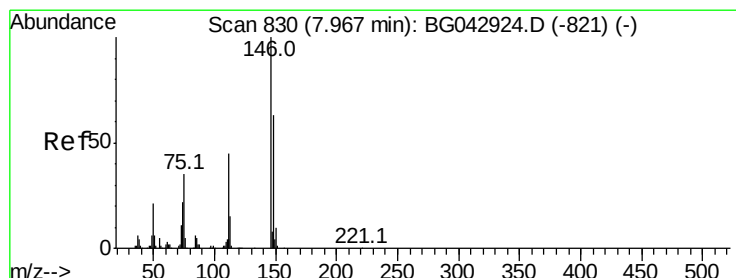
Tgt Ion: 146 Resp: 187119

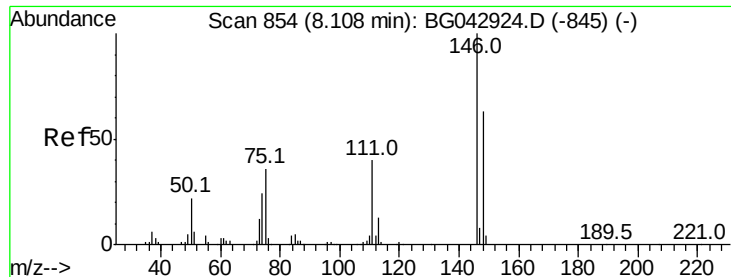
Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

75 32.9 27.7 41.5

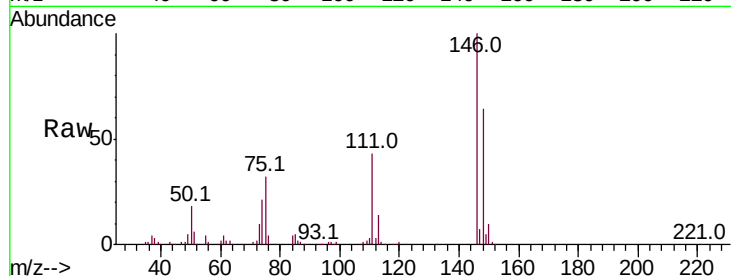




#13
 1,4-Dichlorobenzene
 Concen: 40.975 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
111	42.8	31.8	47.8

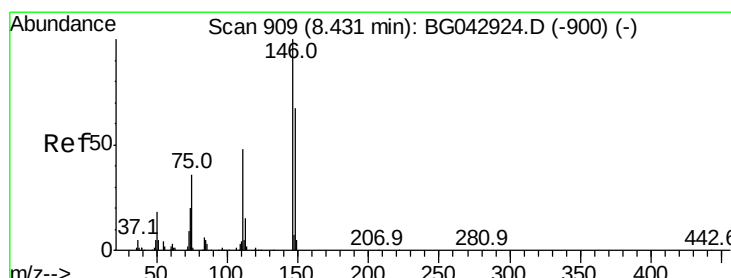
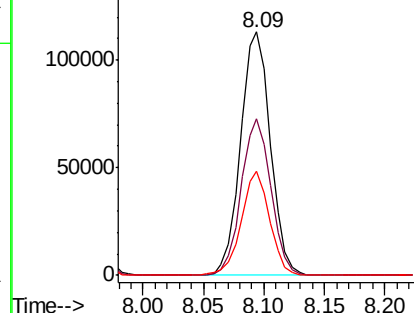
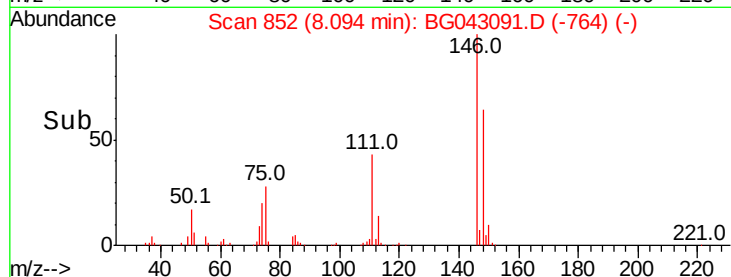


Abundance

Ion 146.00 (145.70 to 146.70): E

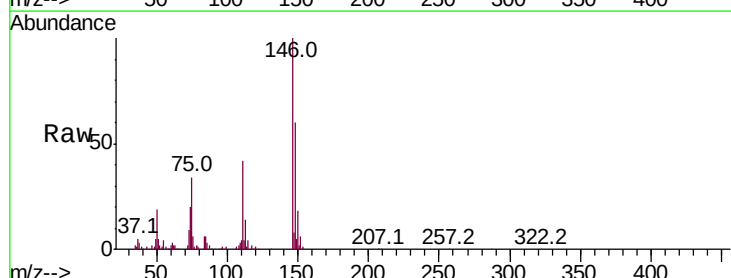
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.821 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	53.4	80.2
111	41.8	38.5	57.7

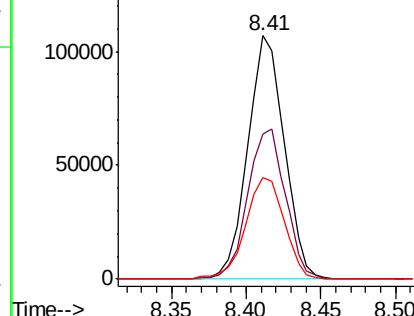
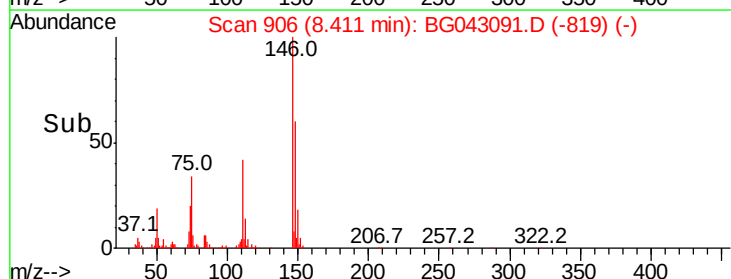


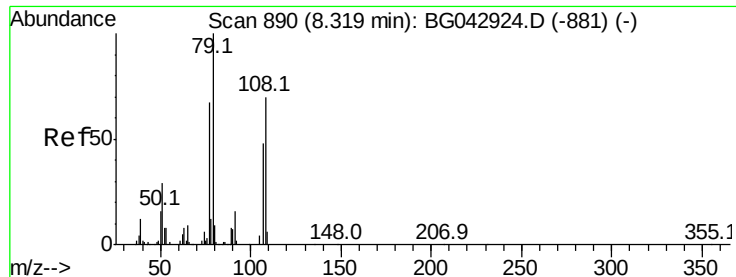
Abundance

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: 44.660 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampled :

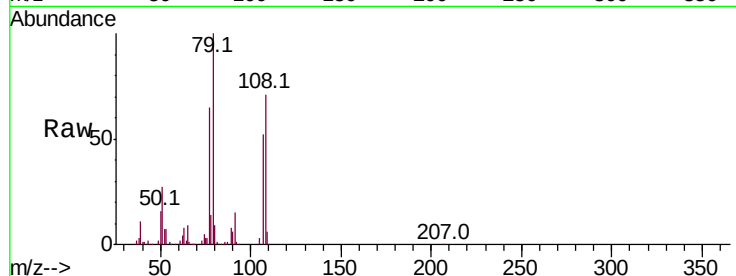
Tot Ion: 79 Resp: 173598

Ion Ratio Lower Upper

79 100

108 70.5 55.7 83.5

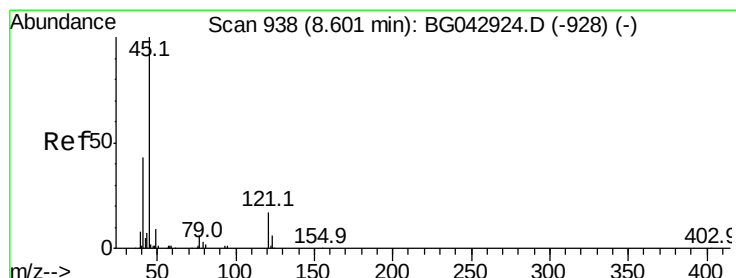
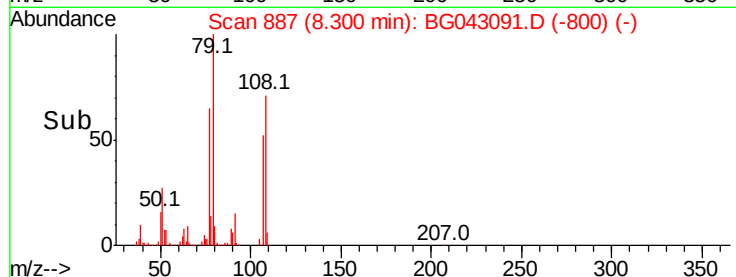
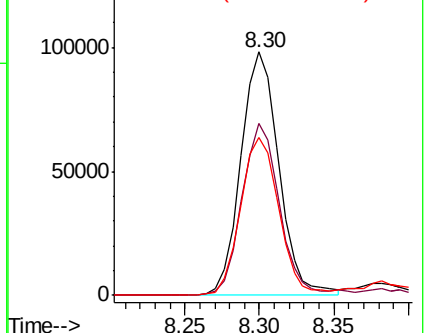
77 64.6 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.018 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

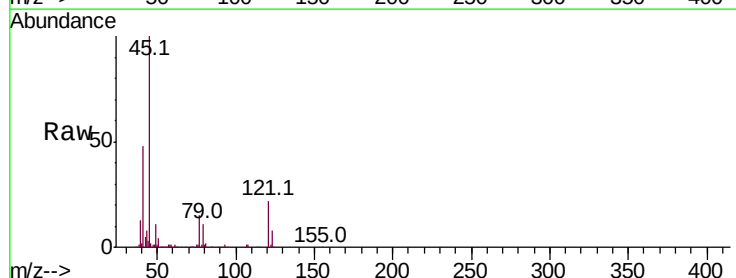
Tgt Ion: 45 Resp: 225676

Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.8

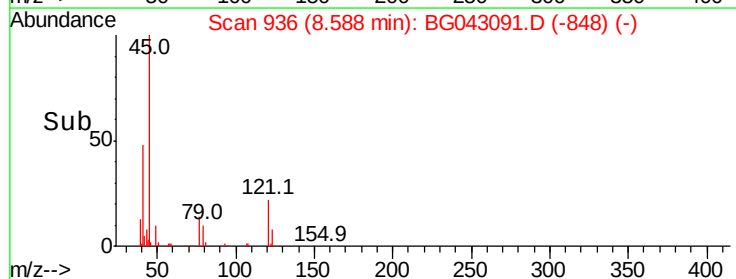
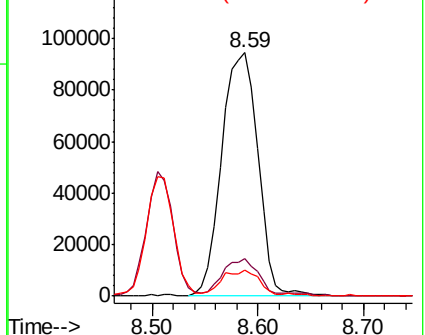
79 10.6 0.0 29.4

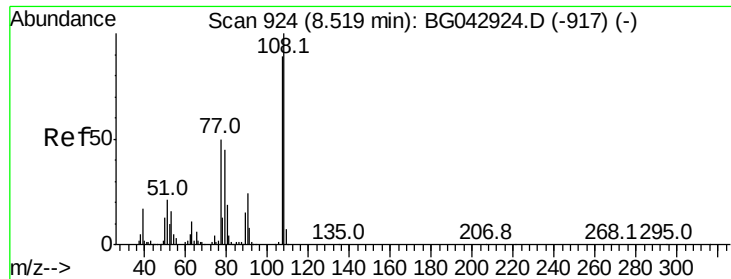


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

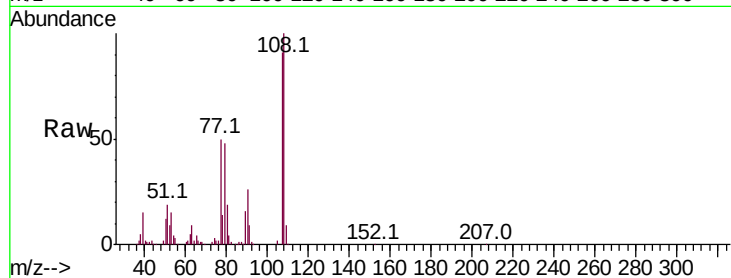




#17
2-Methylphenol
Concen: 47.299 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	156989
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.9	134.9
77	55.1	45.4	68.2
79	52.5	41.4	62.0



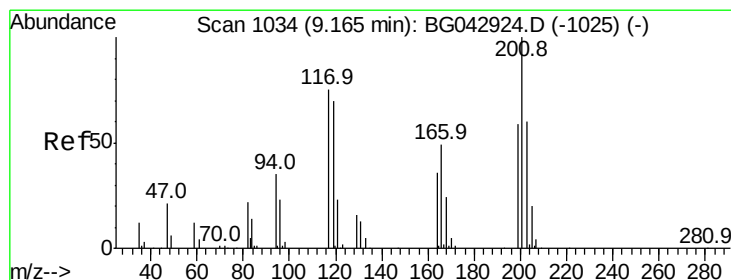
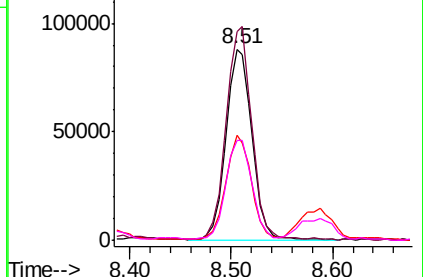
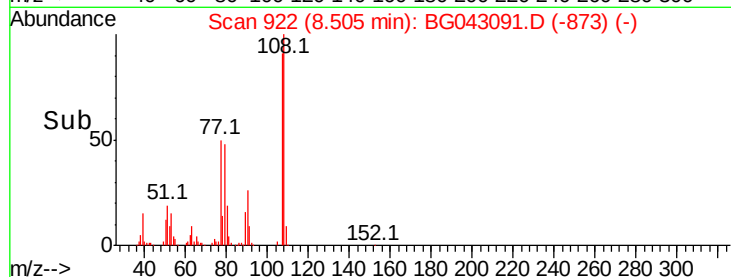
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

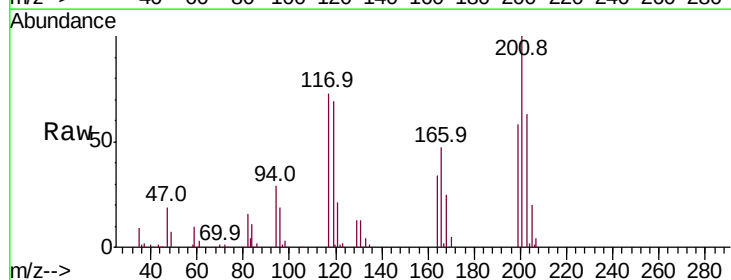
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.703 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:	117	Resp:	69403
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.6	111.8
201	136.5	106.0	159.0

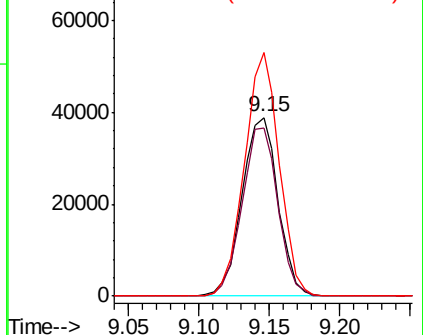
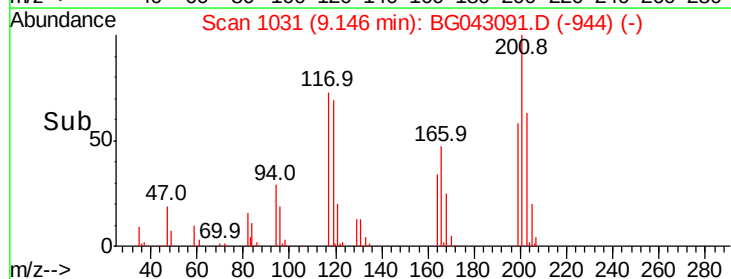


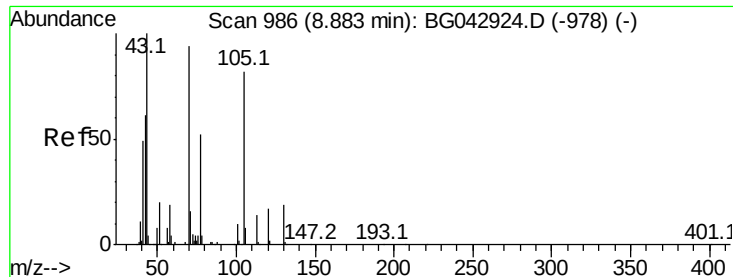
Abundance

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

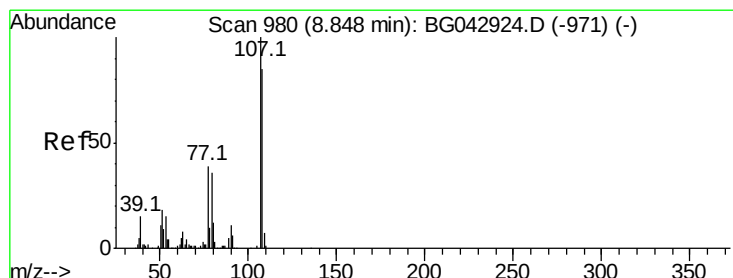
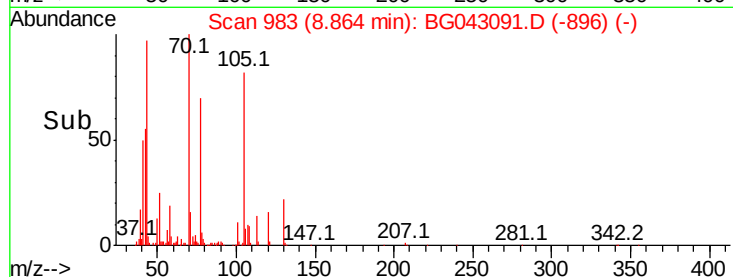
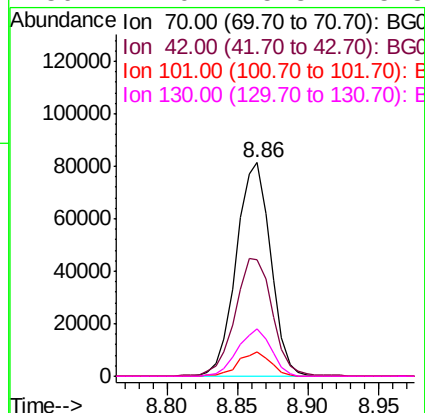
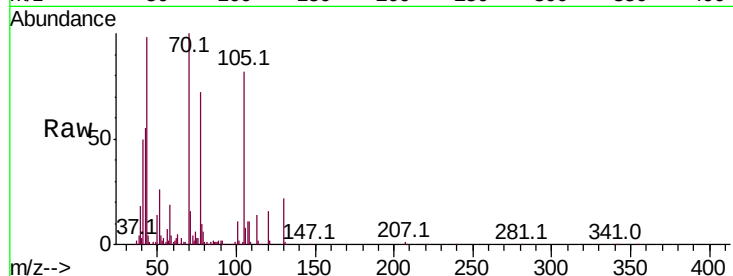




#19
n-Nitroso-di-n-propylamine
Concen: 40.779 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

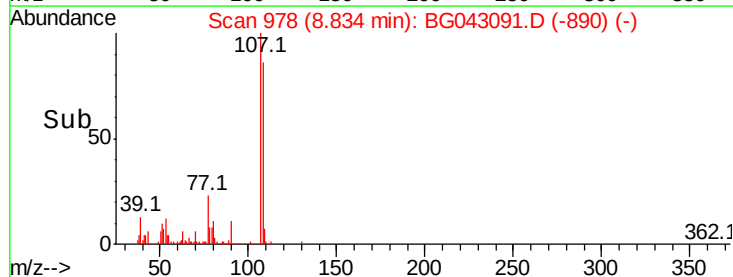
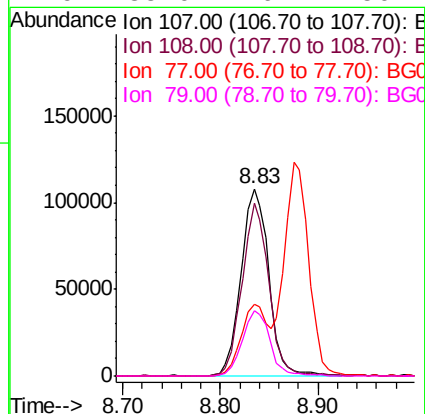
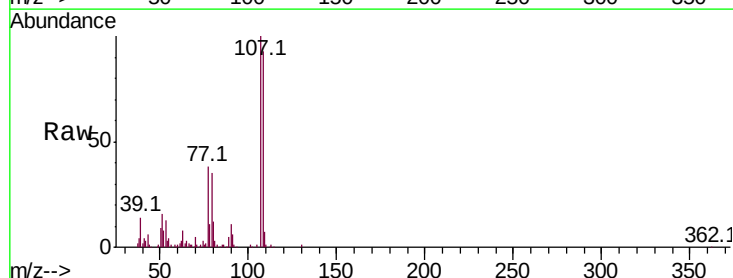
Instrument :
BNA_G
ClientSampleId :

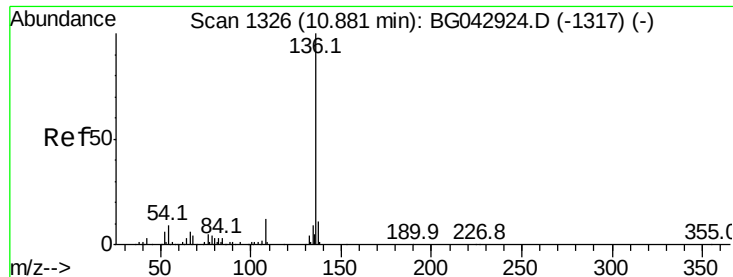
Tot Ion: 70 Resp: 138442
Ion Ratio Lower Upper
70 100
42 54.8 52.6 79.0
101 11.5 8.7 13.1
130 22.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 47.066 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:107 Resp: 214080
Ion Ratio Lower Upper
107 100
108 92.7 64.9 104.9
77 38.5 19.4 59.4
79 35.0 16.2 56.2

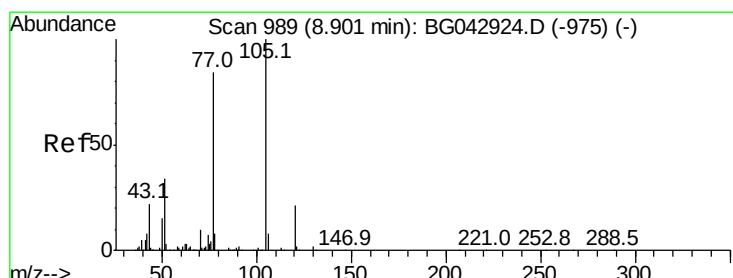
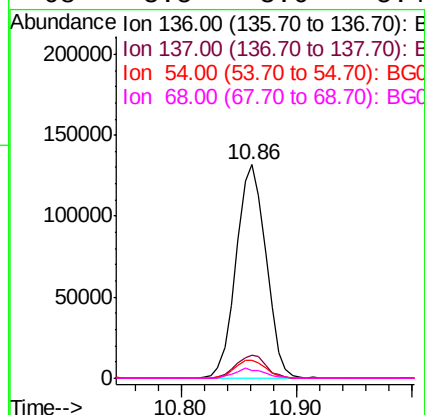
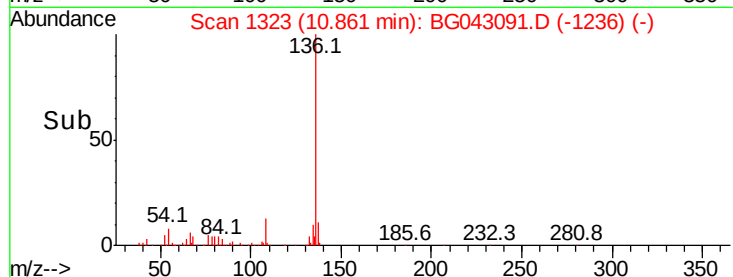
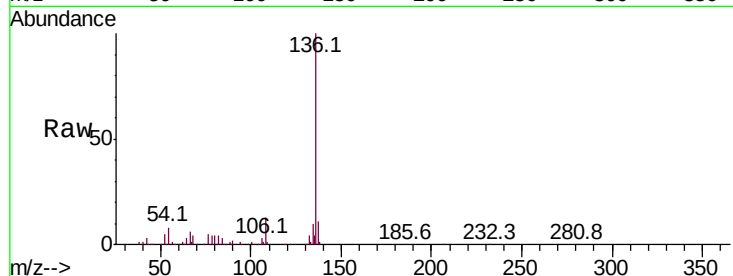




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

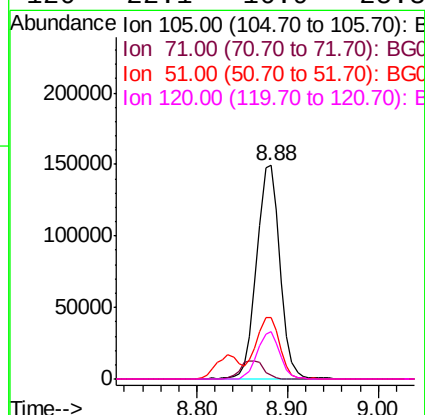
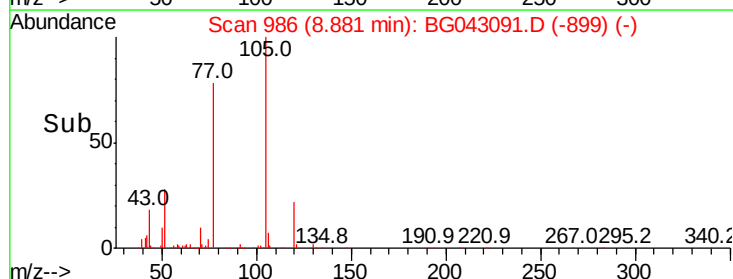
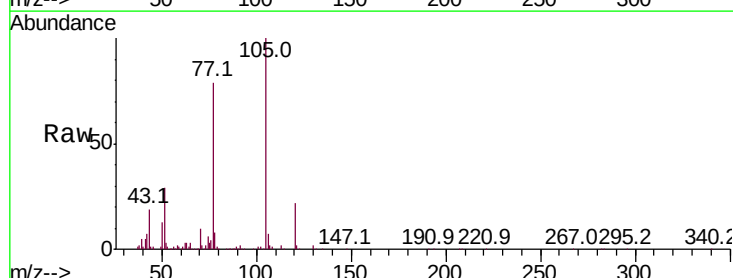
Instrument :
BNA_G
ClientSampleId :

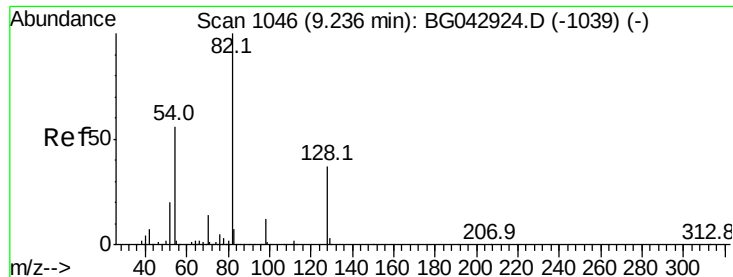
Tot Ion:136	Resp:	236077
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	8.4	7.4 11.2
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 43.848 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:105	Resp:	266829
Ion Ratio	Lower	Upper
105	100	
71	1.7	1.2 1.8
51	28.6	27.2 40.8
120	22.1	16.9 25.3





#23

Nitrobenzene-d5

Concen: 84.943 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampled :

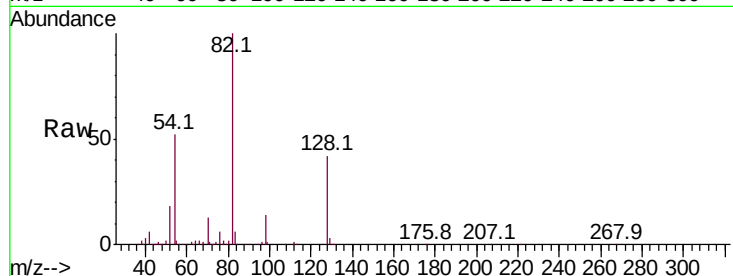
Tot Ion: 82 Resp: 412573

Ion Ratio Lower Upper

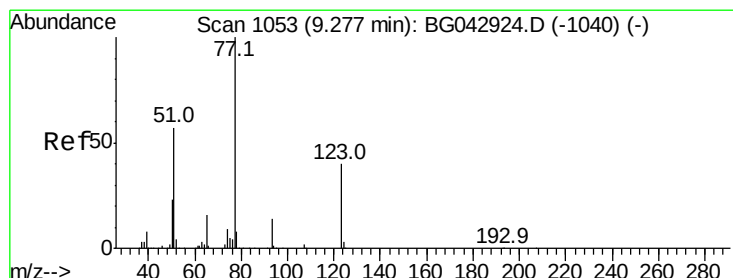
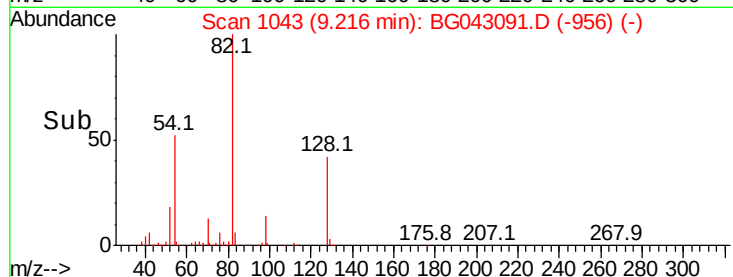
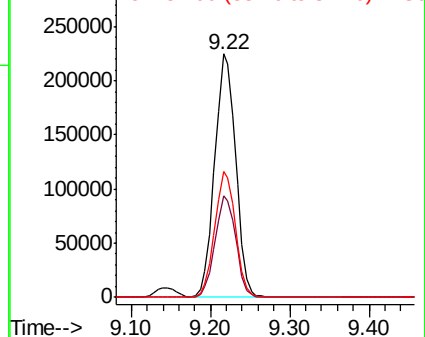
82 100

128 41.7 29.5 44.3

54 51.7 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 44.222 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

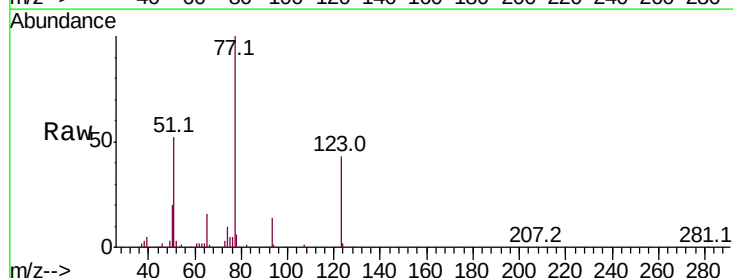
Tgt Ion: 77 Resp: 204875

Ion Ratio Lower Upper

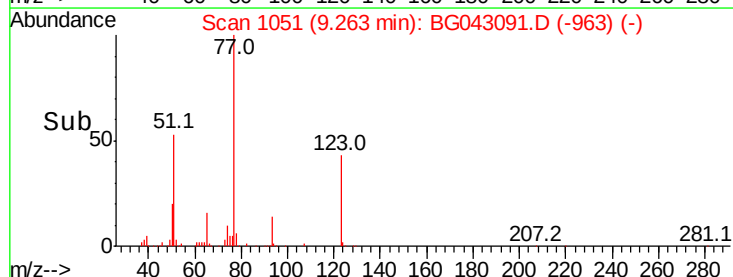
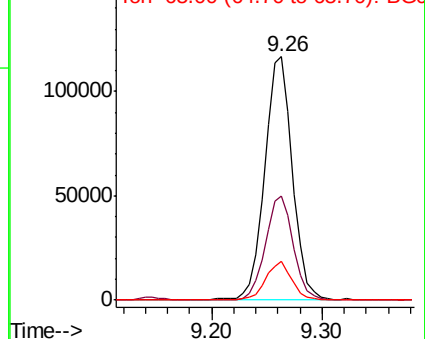
77 100

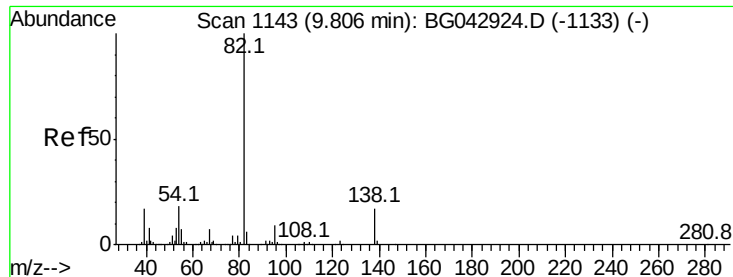
123 42.5 31.9 47.9

65 15.9 12.4 18.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.130 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

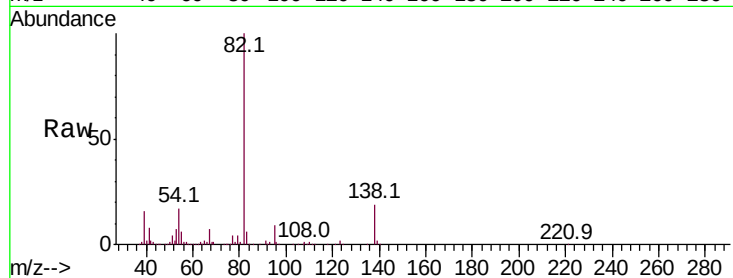
Tot Ion: 82 Resp: 393561

Ion Ratio Lower Upper

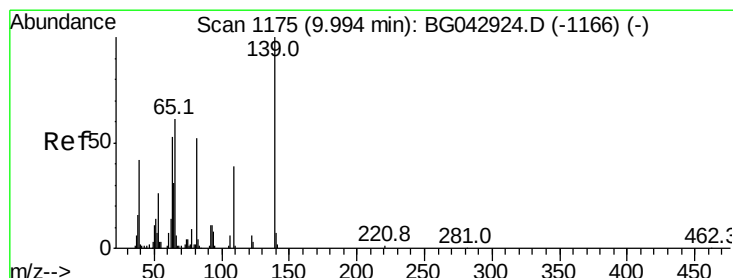
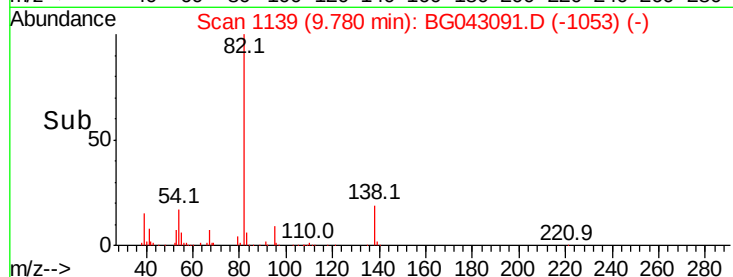
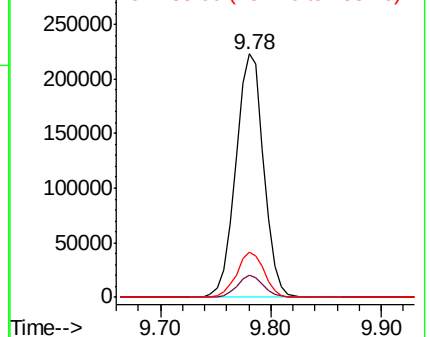
82 100

95 9.0 7.0 10.4

138 18.7 13.8 20.6



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



#26

2-Nitrophenol

Concen: 53.190 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

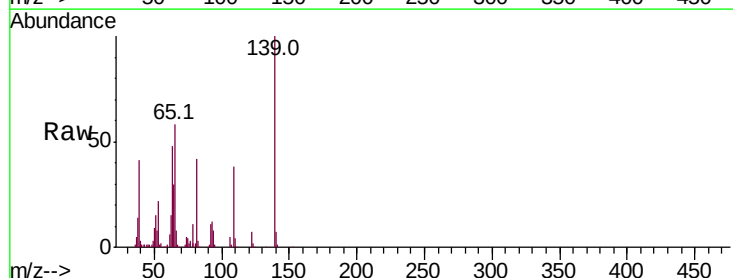
Tgt Ion: 139 Resp: 104901

Ion Ratio Lower Upper

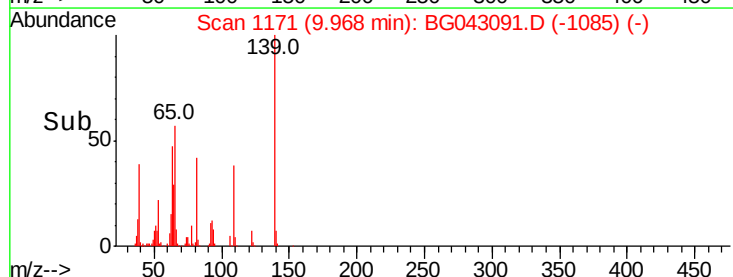
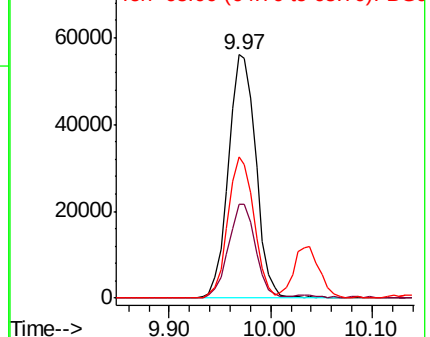
139 100

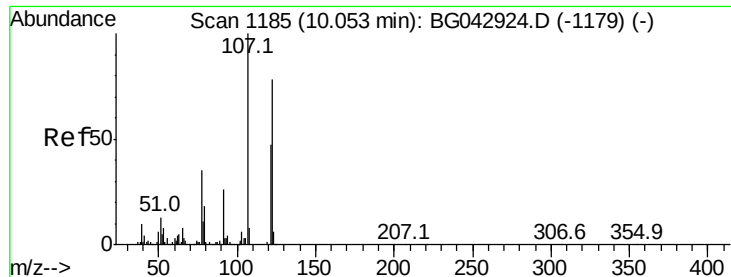
109 38.5 31.0 46.6

65 57.8 48.4 72.6



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

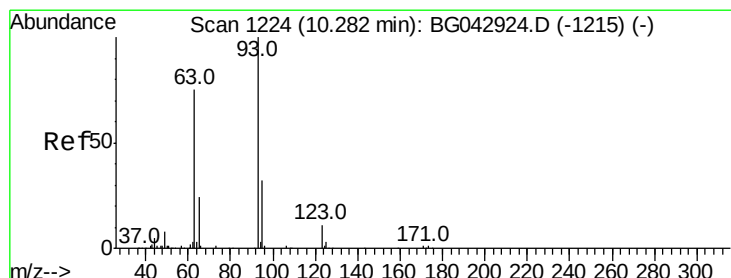
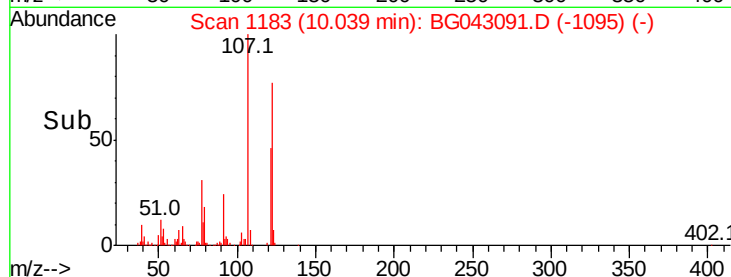
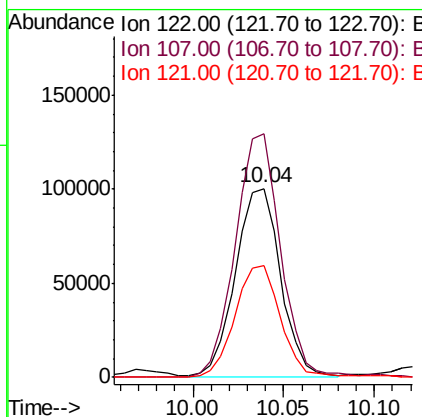
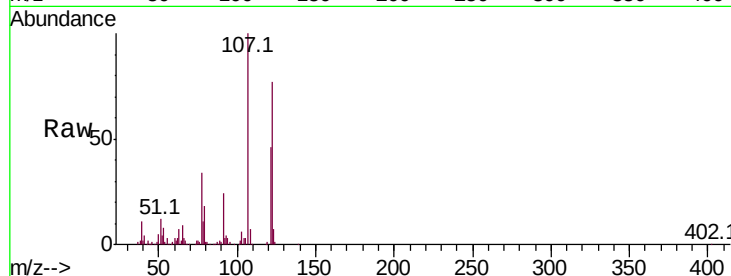




#27
2,4-Dimethylphenol
Concen: 57.192 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

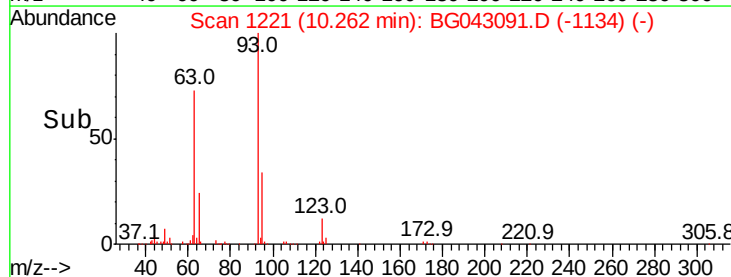
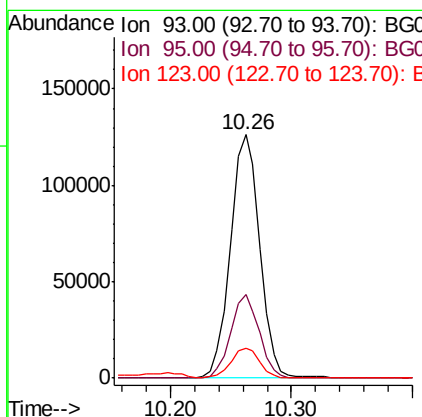
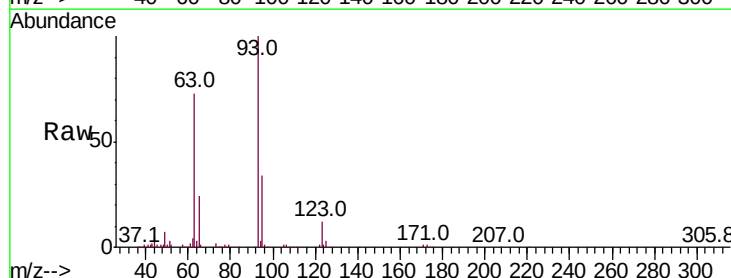
Instrument :
BNA_G
ClientSampleId :

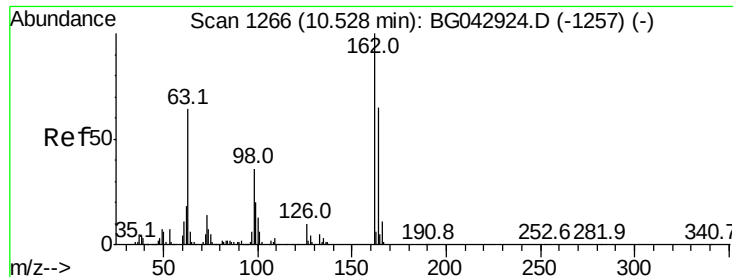
Tot Ion:122 Resp: 173220
Ion Ratio Lower Upper
122 100
107 129.1 102.2 153.2
121 59.3 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.089 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion: 93 Resp: 213414
Ion Ratio Lower Upper
93 100
95 34.4 25.4 38.0
123 12.0 9.3 13.9

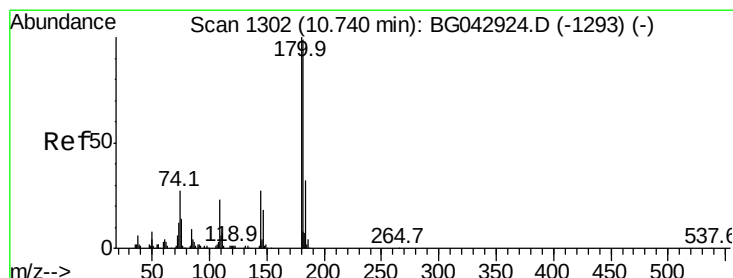
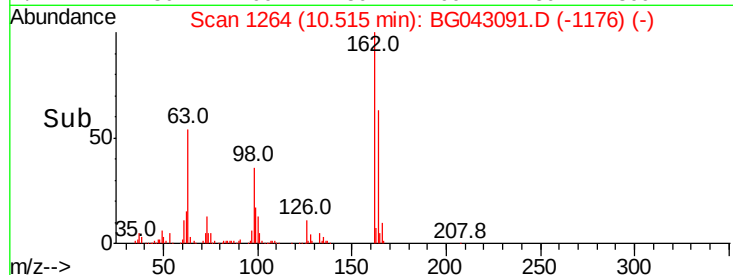
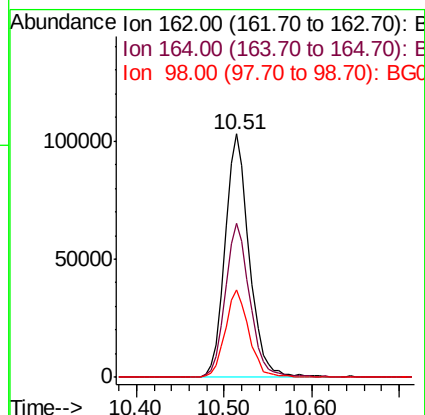
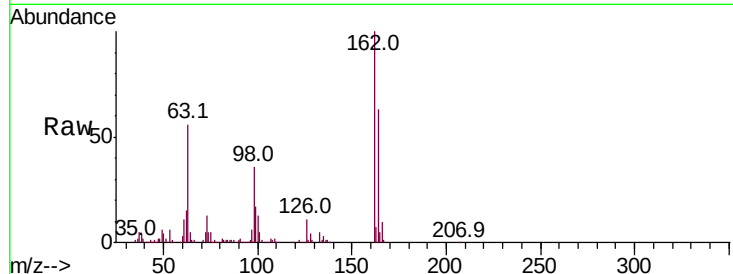




#29
 2,4-Dichlorophenol
 Concen: 51.733 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

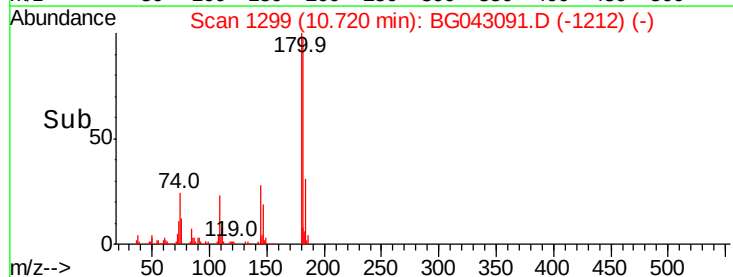
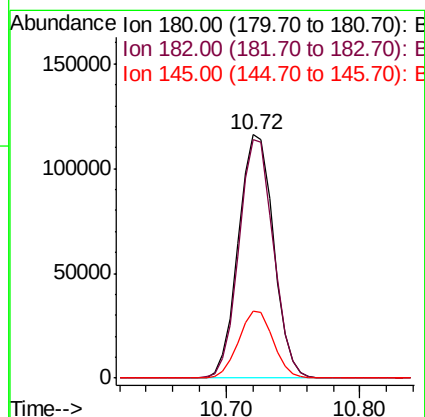
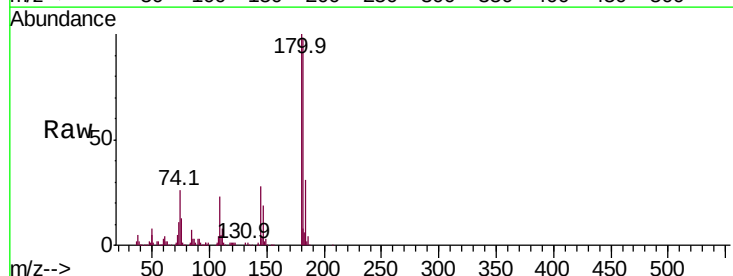
Instrument :
 BNA_G
 ClientSampleId :

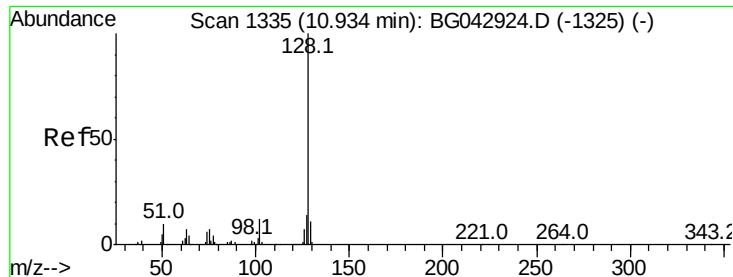
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	36.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.407 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	79.3	118.9
145	27.6	22.0	33.0

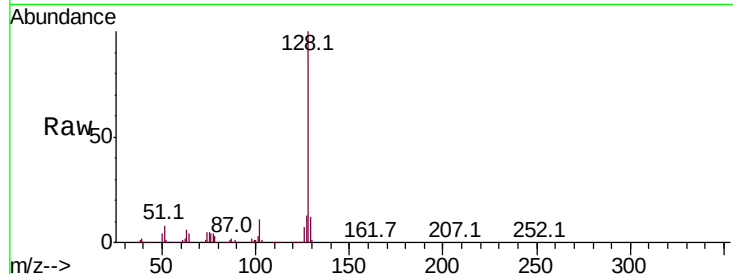




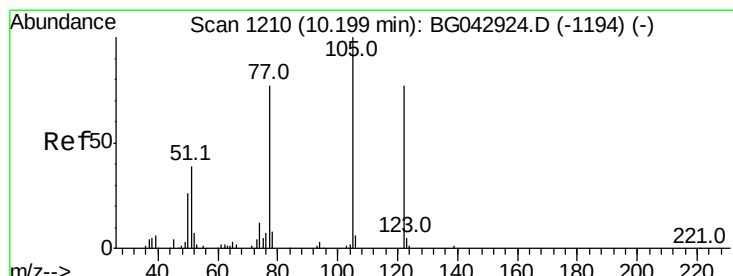
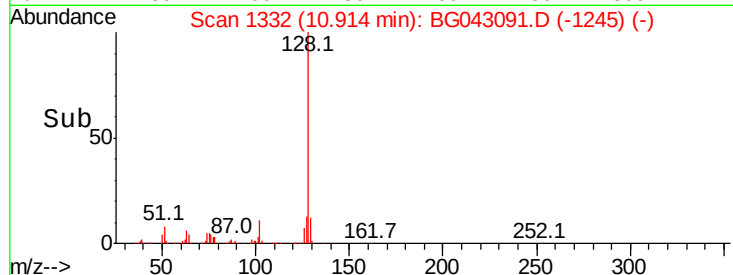
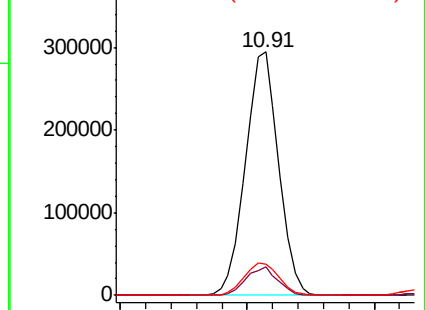
#31
Naphthalene
Concen: 45.954 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.0	11.3	16.9

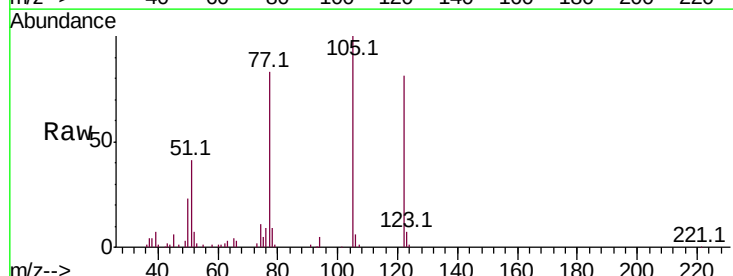


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

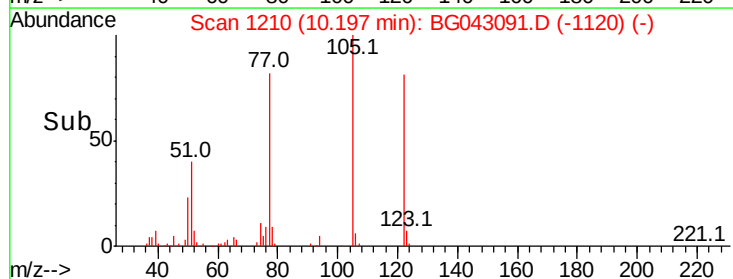
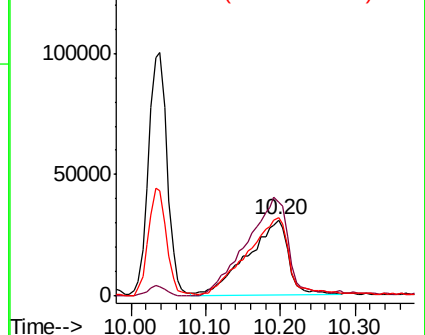


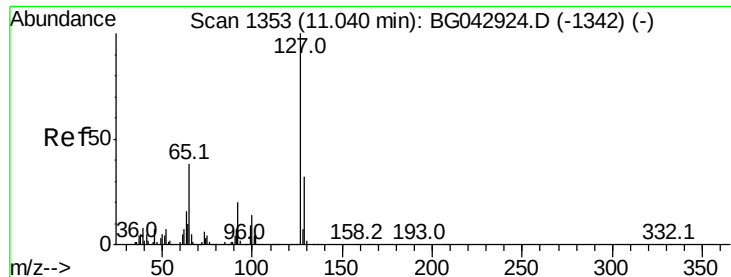
#32
Benzoic acid
Concen: 49.040 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	107.5	147.5
77	102.5	79.8	119.8



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

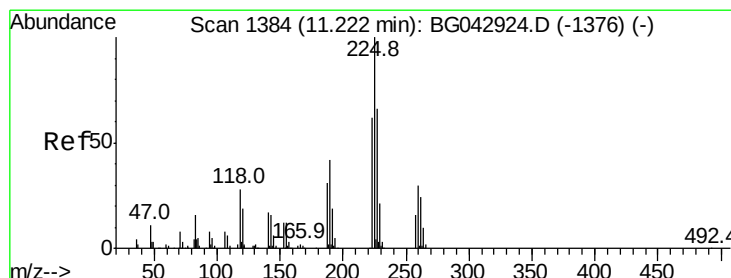
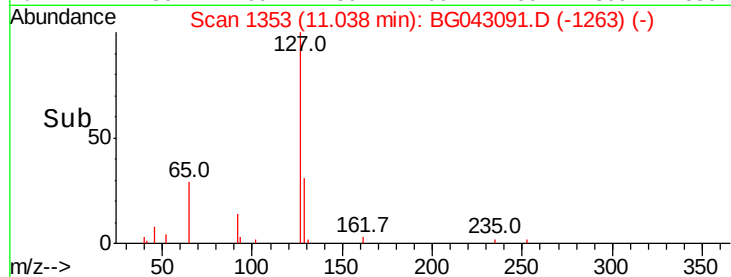
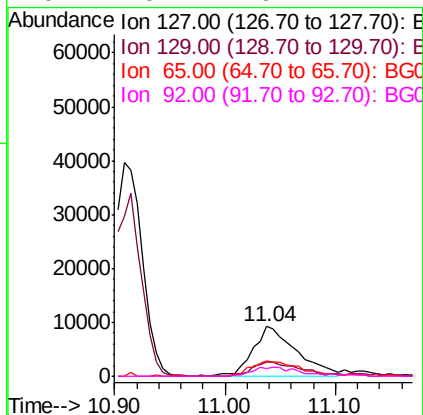
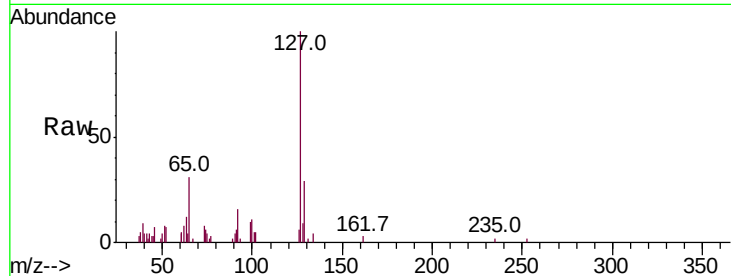




#33
4-Chloroaniline
Concen: 4.972 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

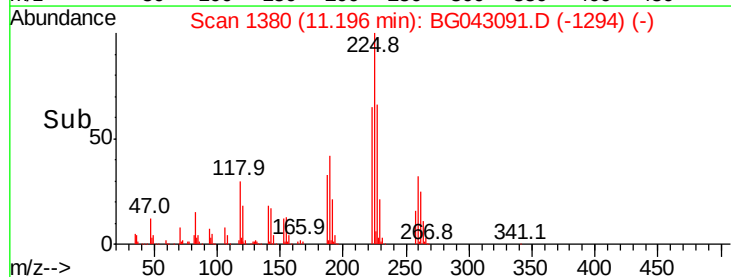
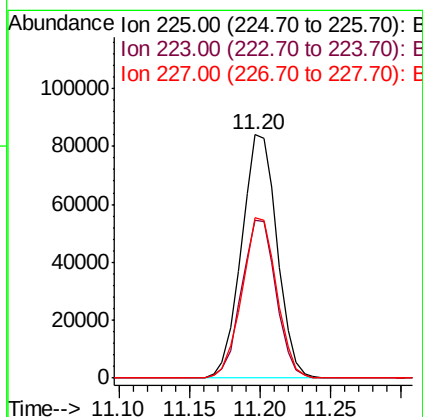
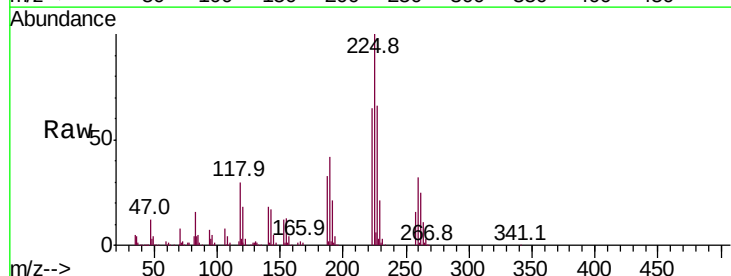
Instrument :
BNA_G
ClientSampleId :

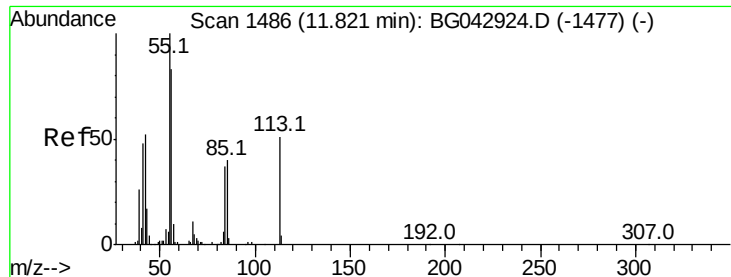
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	29.2	26.2	39.2	
65	31.0	30.6	45.8	
92	16.1	16.2	24.4	



#34
Hexachlorobutadiene
Concen: 40.668 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.03 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.6	49.3	73.9	
227	65.8	52.8	79.2	

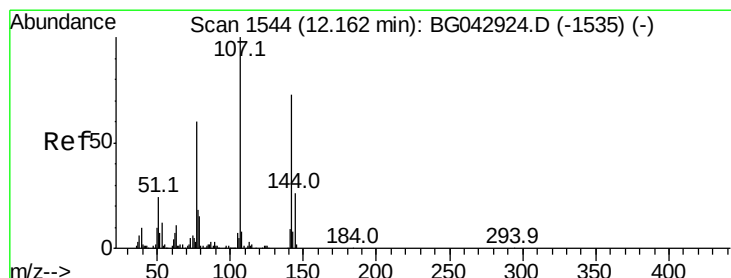
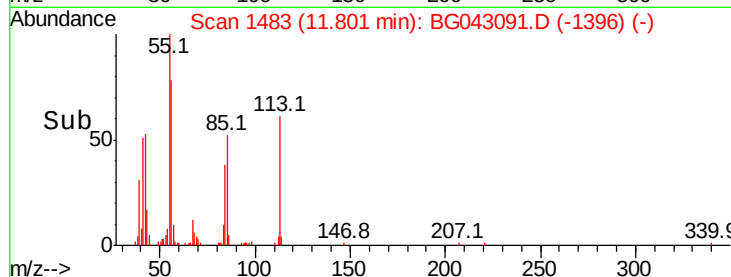
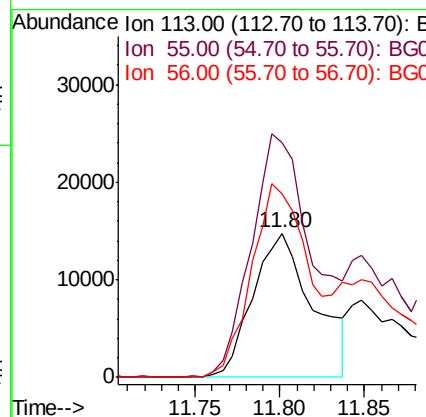
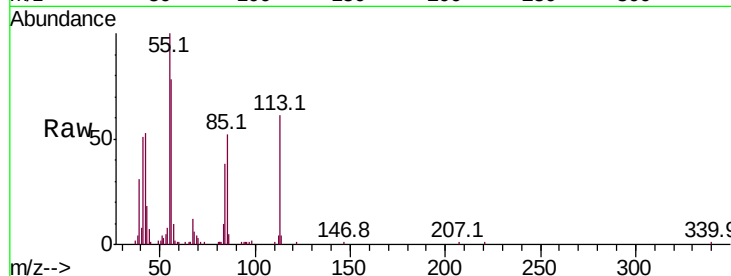




#35
Caprolactam
Concen: 27.506 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

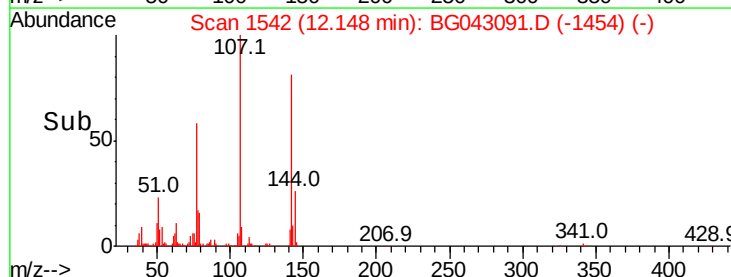
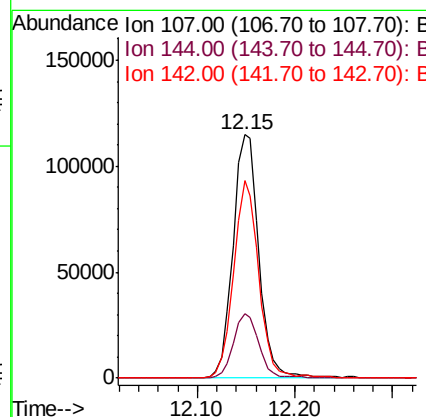
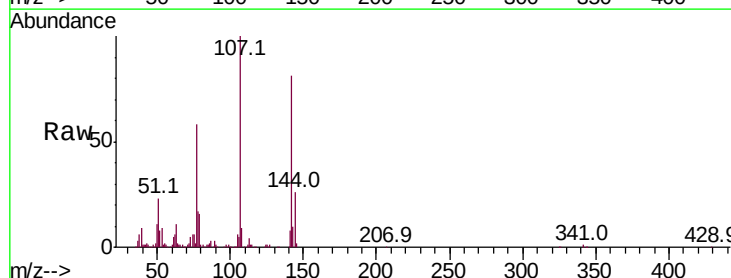
Instrument :
BNA_G
ClientSampleId :

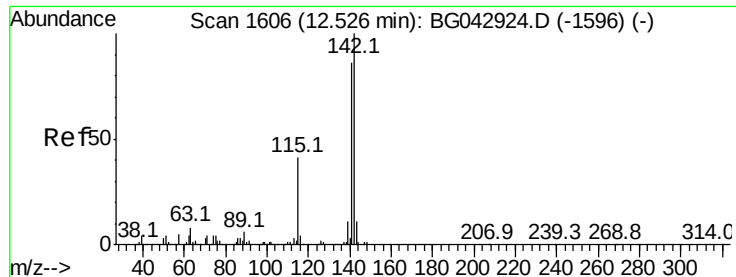
Tot Ion:113 Resp: 36538
Ion Ratio Lower Upper
113 100
55 163.0 175.5 215.5#
56 127.7 142.3 182.3#



#36
4-Chloro-3-methylphenol
Concen: 51.564 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:107 Resp: 211189
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 81.1 58.6 87.8

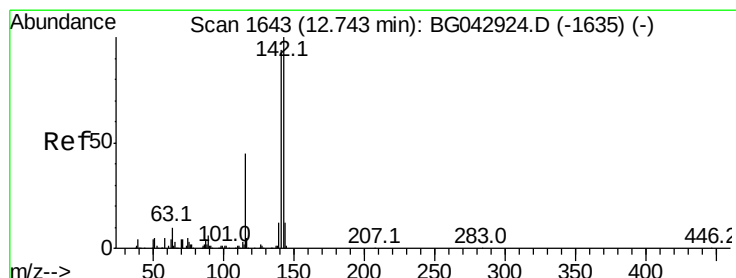
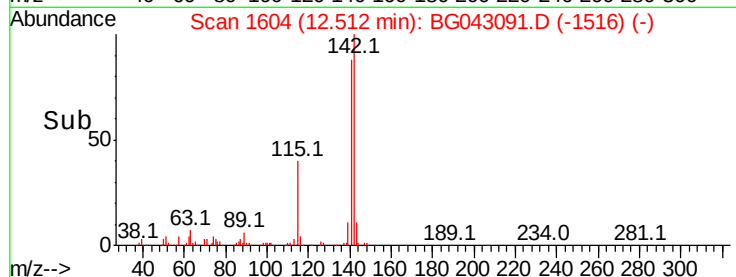
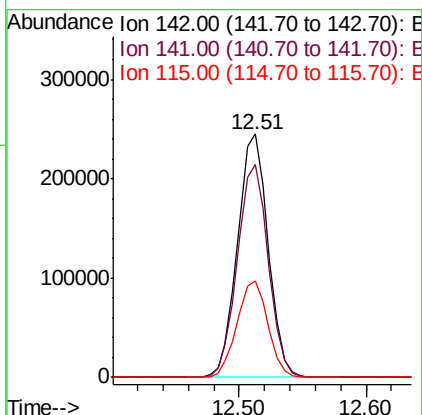
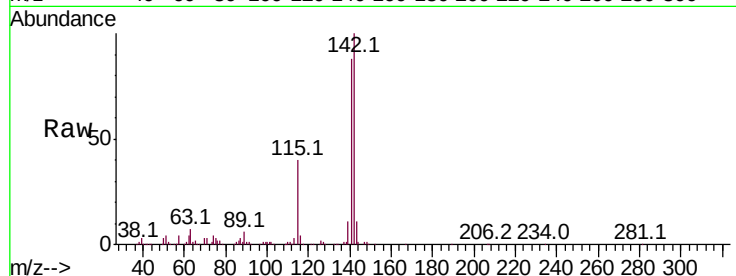




#37
2-Methylnaphthalene
Concen: 46.204 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

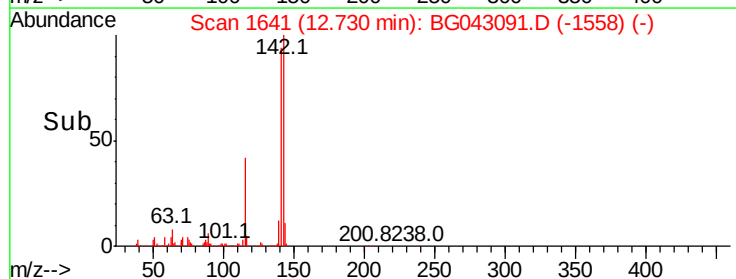
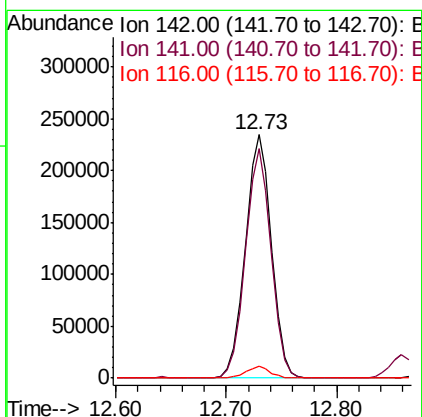
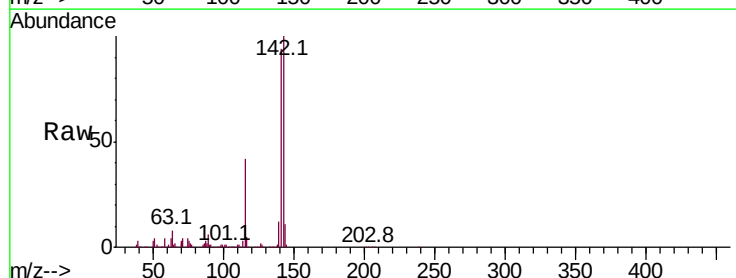
Instrument :
BNA_G
ClientSampleId :

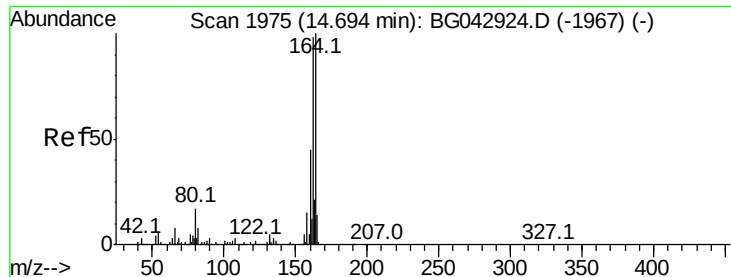
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.0	103.4
115	39.8	32.8	49.2



#38
1-Methylnaphthalene
Concen: 46.146 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.9	112.3
116	4.8	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampled :

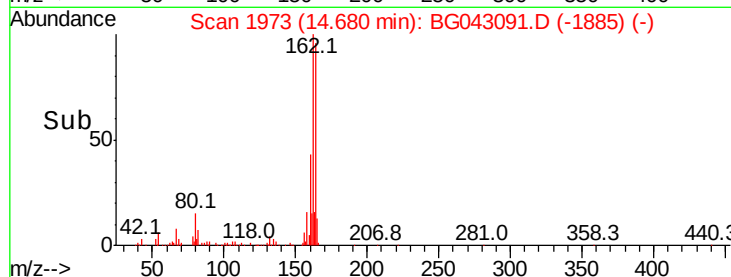
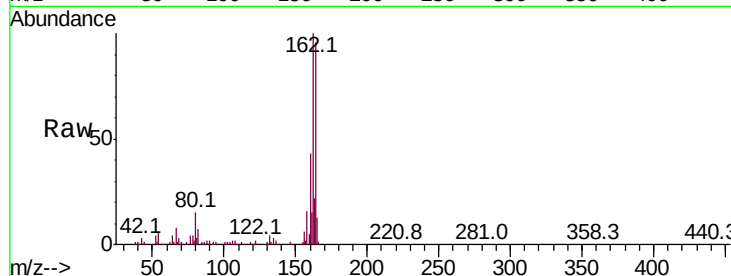
Tot Ion:164 Resp: 170205

Ion Ratio Lower Upper

164 100

162 103.9 78.5 117.7

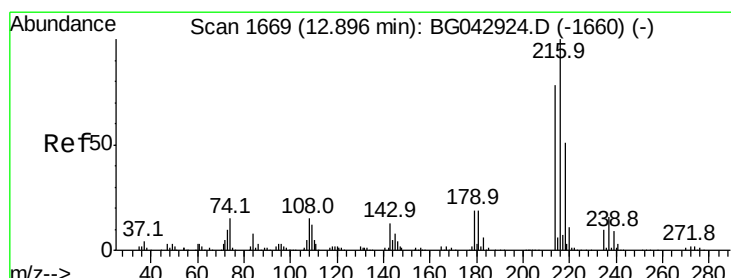
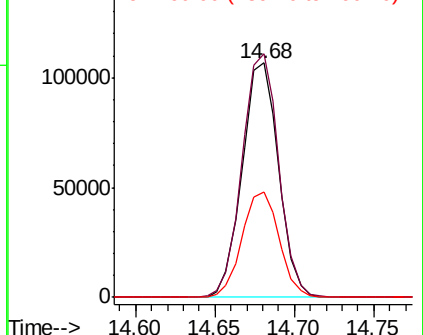
160 44.9 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.605 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:216 Resp: 266251

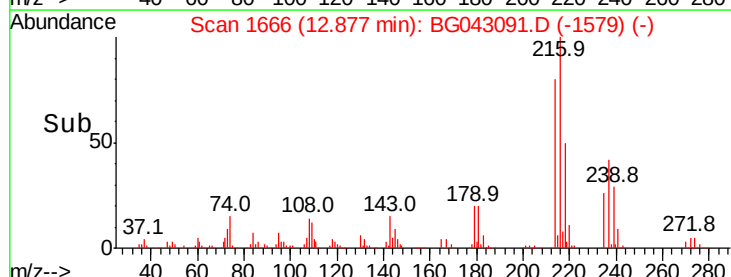
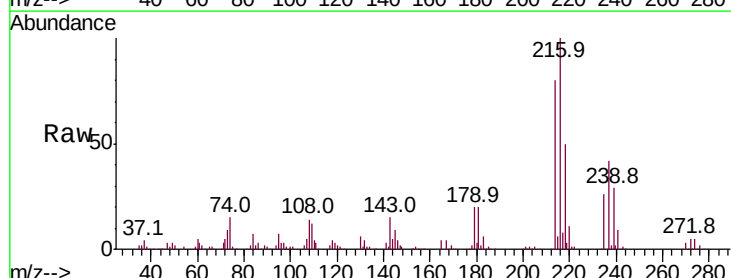
Ion Ratio Lower Upper

216 100

214 78.2 62.4 93.6

179 19.6 15.4 23.2

108 16.6 12.6 19.0

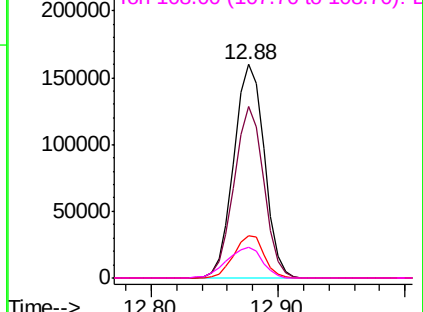


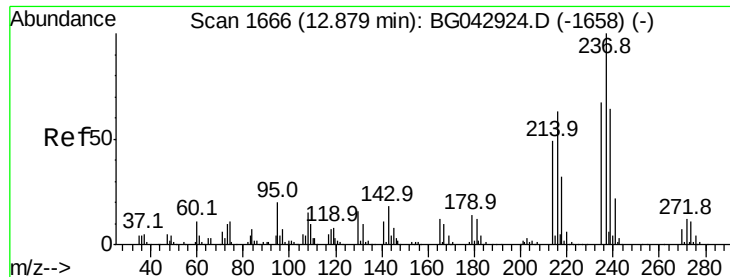
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.261 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

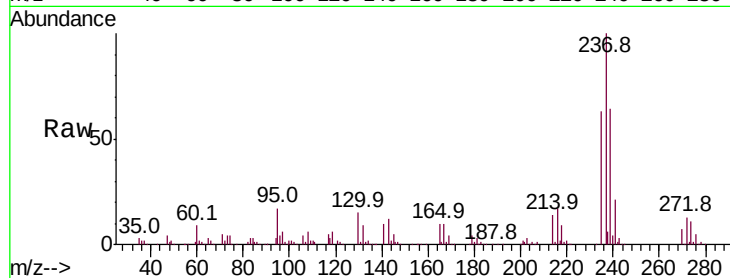
Tot Ion:237 Resp: 355809

Ion Ratio Lower Upper

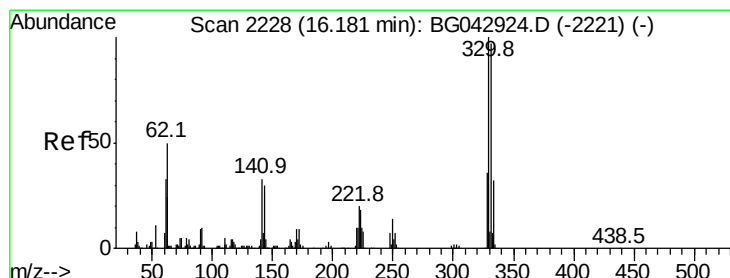
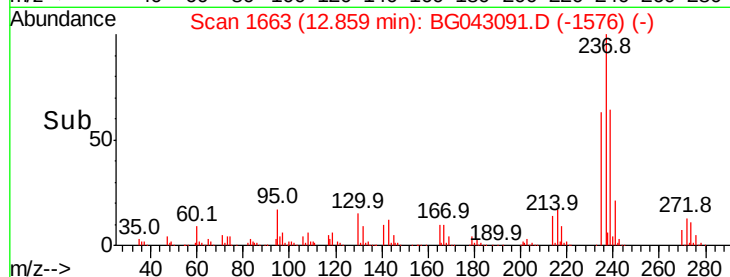
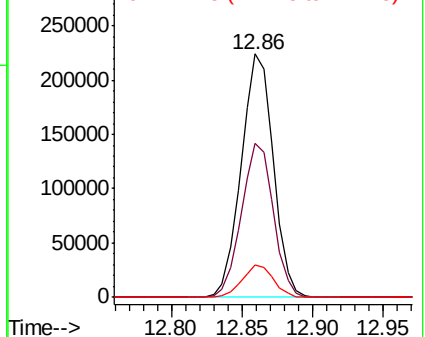
237 100

235 63.1 46.7 86.7

272 13.1 0.0 32.3



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: 140.523 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

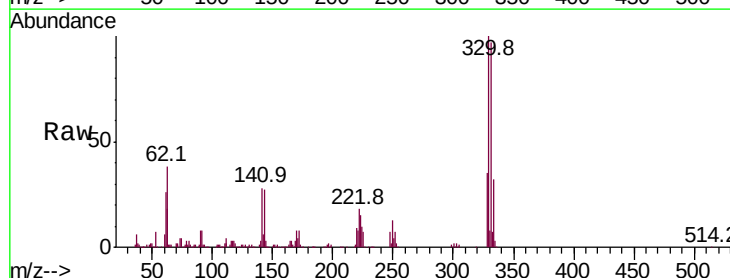
Tgt Ion:330 Resp: 411280

Ion Ratio Lower Upper

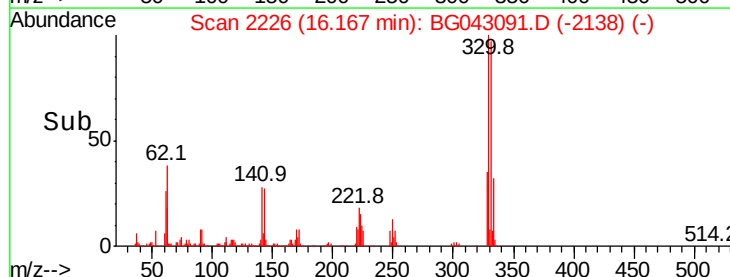
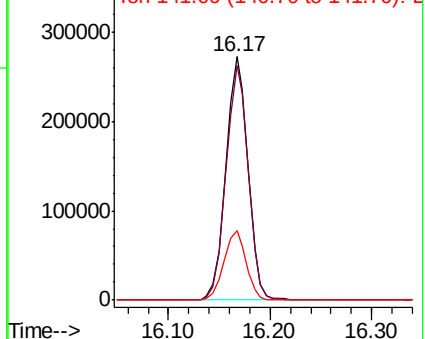
330 100

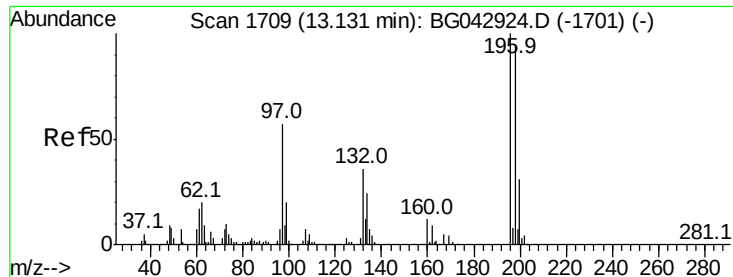
332 96.6 78.2 117.2

141 28.5 26.0 39.0



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

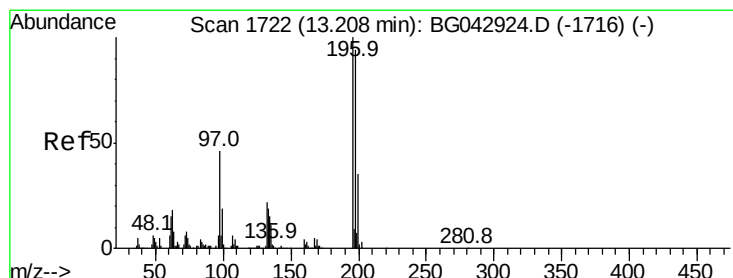
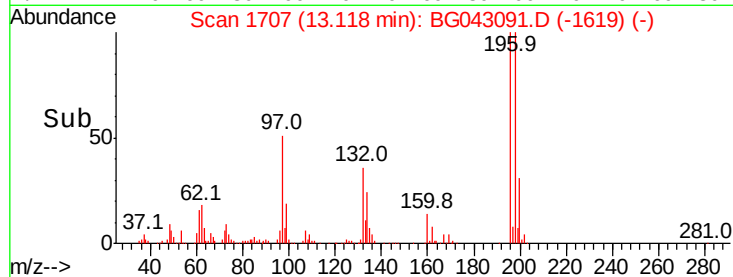
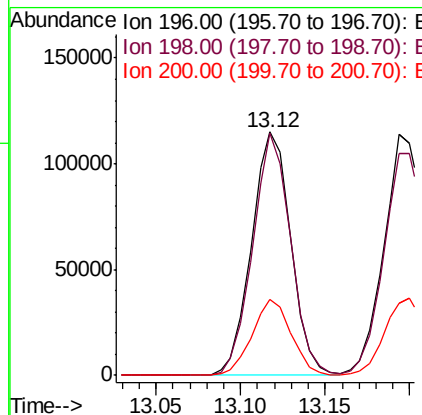
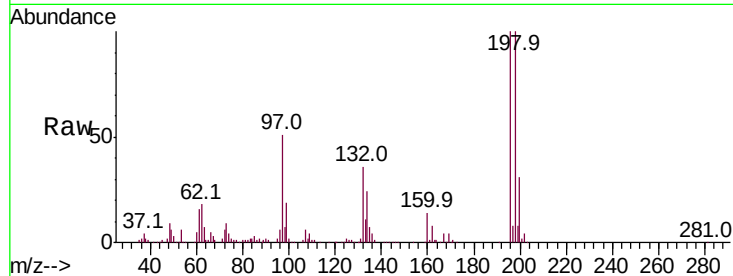




#43
 2,4,6-Trichlorophenol
 Concen: 49.726 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

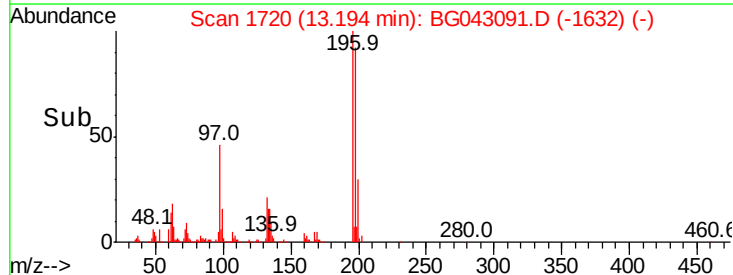
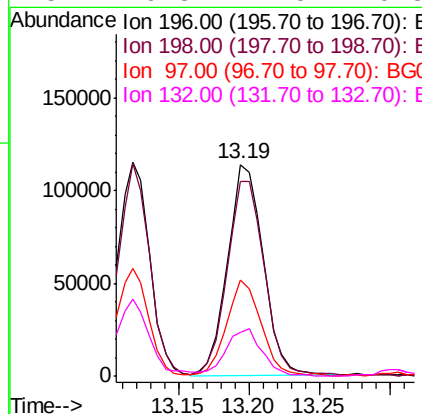
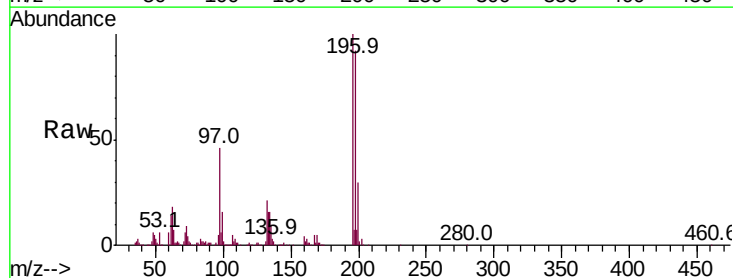
Instrument :
 BNA_G
 ClientSampleId :

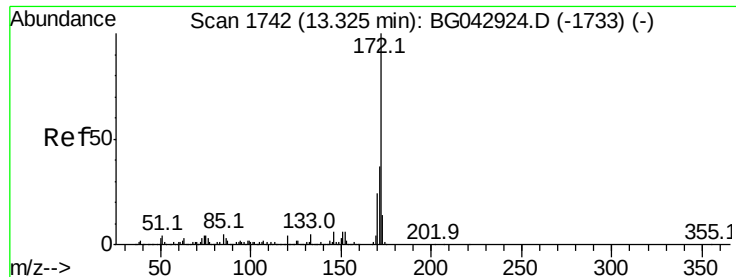
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	75.5	113.3
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.734 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.1	112.7
97	45.7	37.0	55.4
132	20.8	17.5	26.3

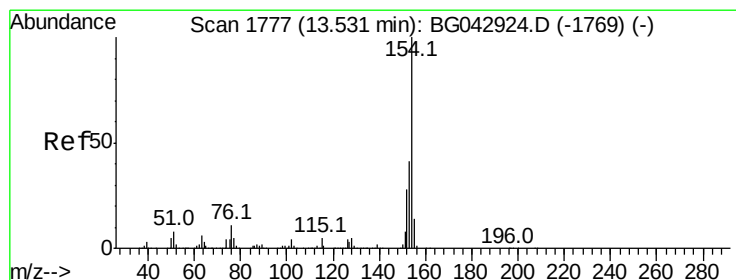
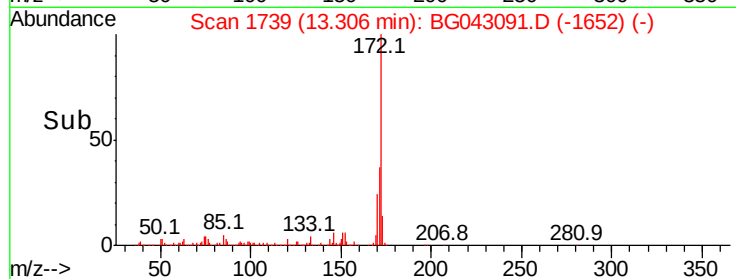
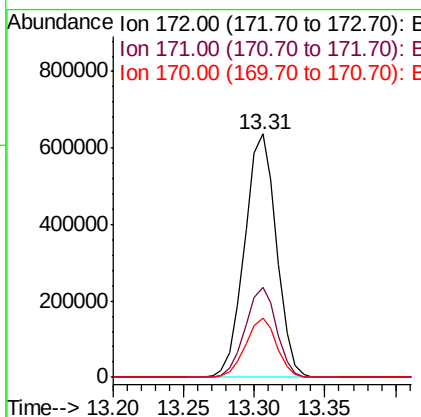
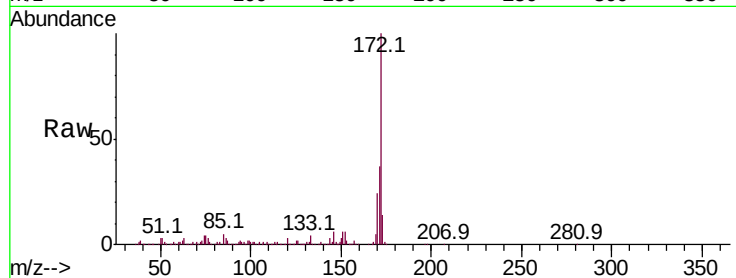




#45
2-Fluorobiphenyl
Concen: 85.777 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

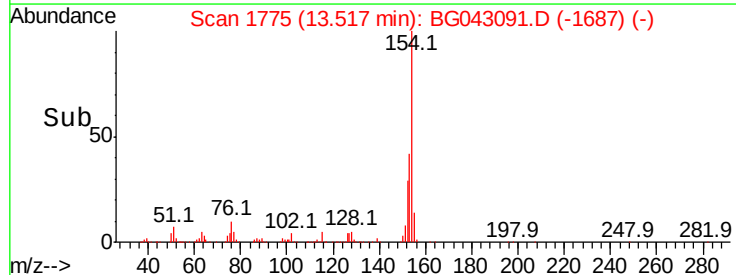
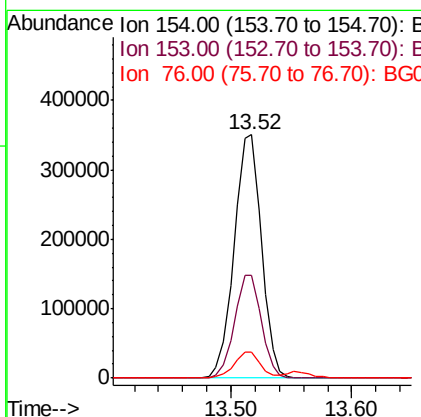
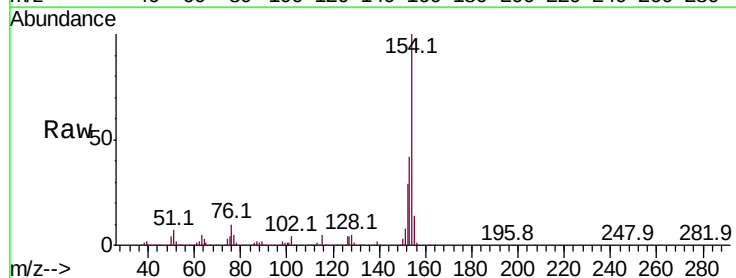
Instrument :
BNA_G
ClientSampleId :

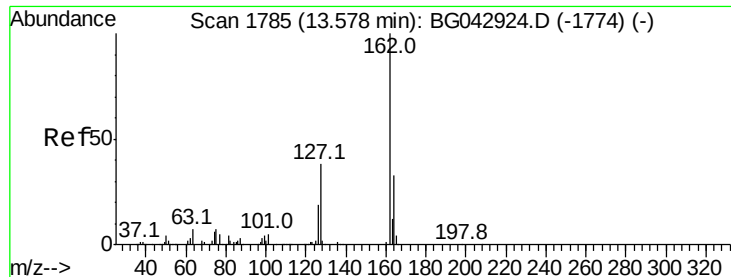
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.2	19.6	29.4



#46
1,1'-Biphenyl
Concen: 42.792 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	10.4	0.0	31.3

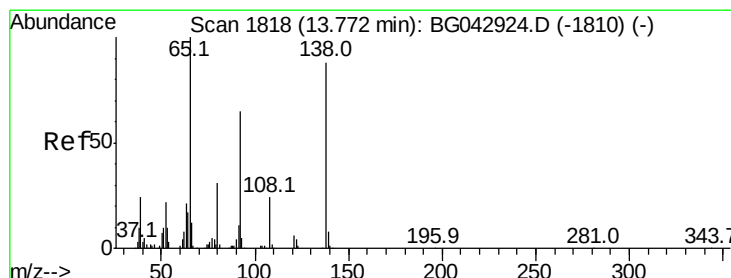
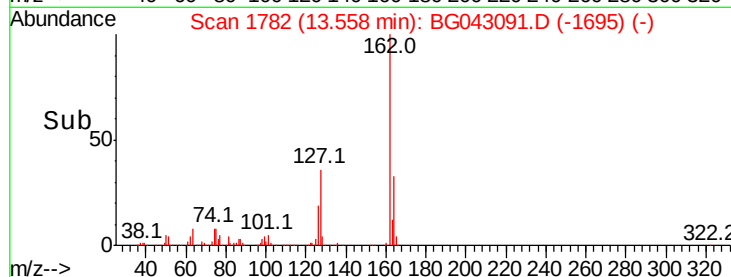
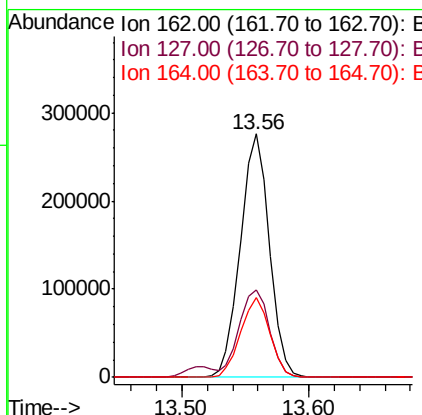
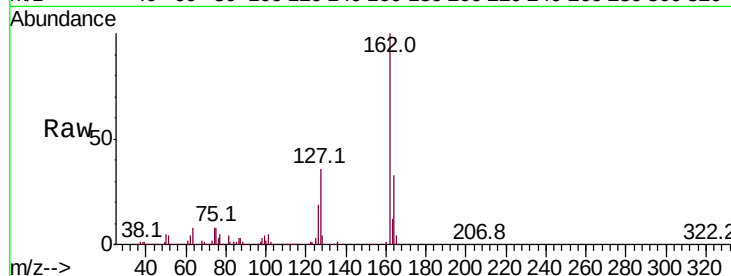




#47
 2-Chloronaphthalene
 Concen: 45.166 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

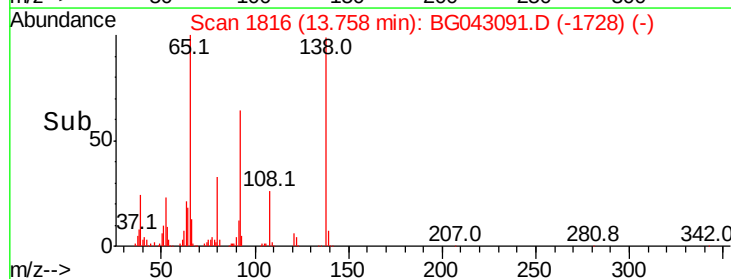
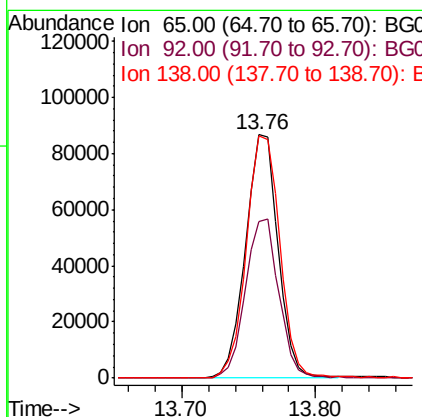
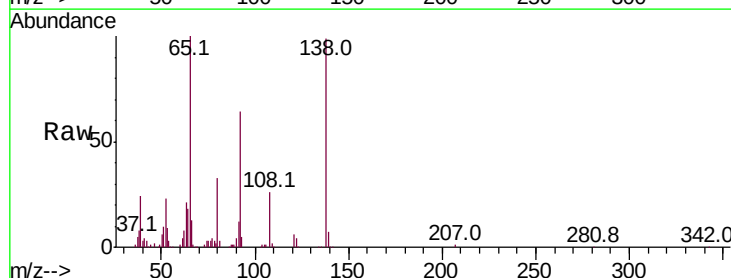
Instrument :
 BNA_G
 ClientSampleId :

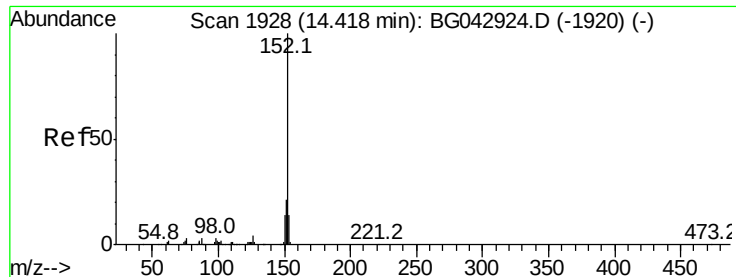
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.6
164	32.8	26.2	39.2



#48
 2-Nitroaniline
 Concen: 45.192 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	52.0	78.0
138	99.4	70.4	105.6





#49

Acenaphthylene

Concen: 47.420 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

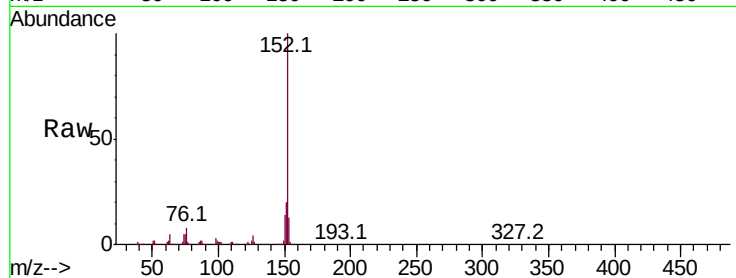
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 702180

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	12.8	11.3	16.9

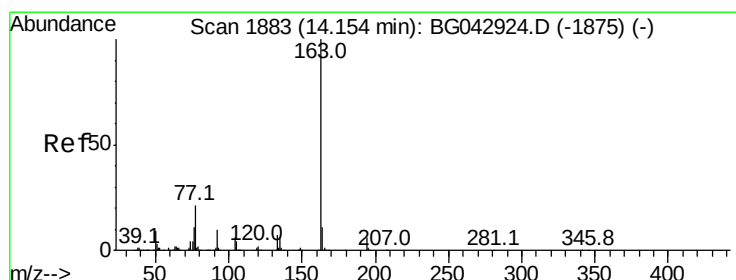
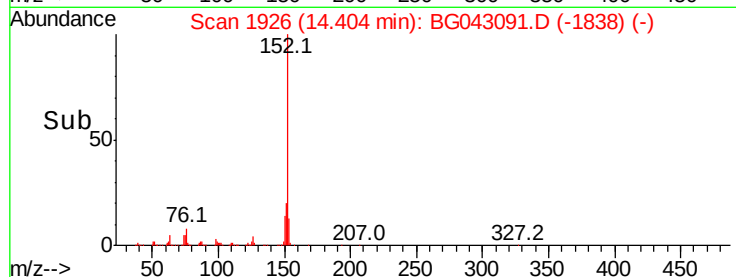
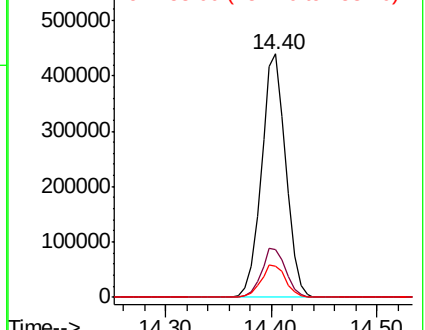


Abundance

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: 68.338 ng

RT: 14.13 min Scan# 1880

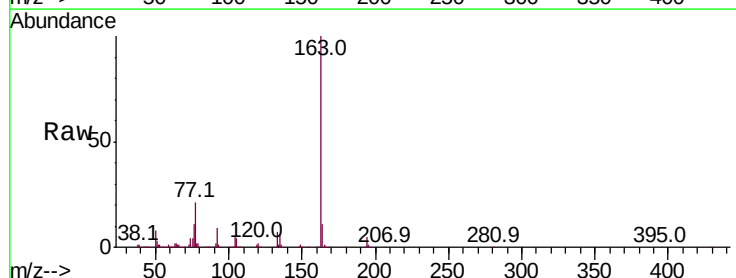
Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:163 Resp: 871500

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.4	6.6
164	10.9	8.6	12.8

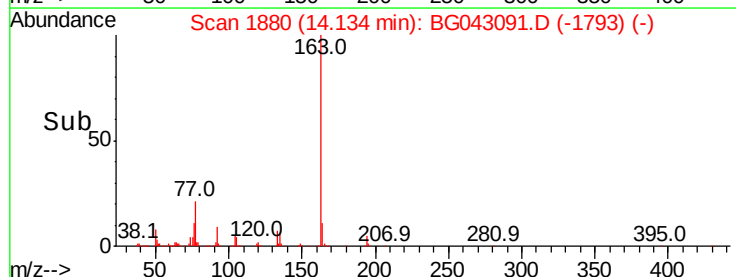
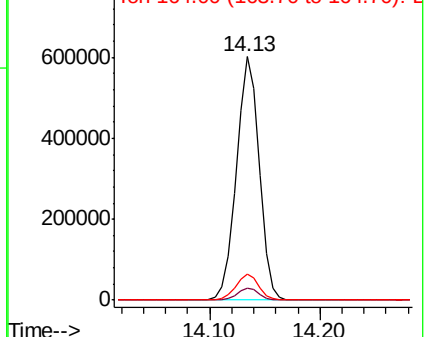


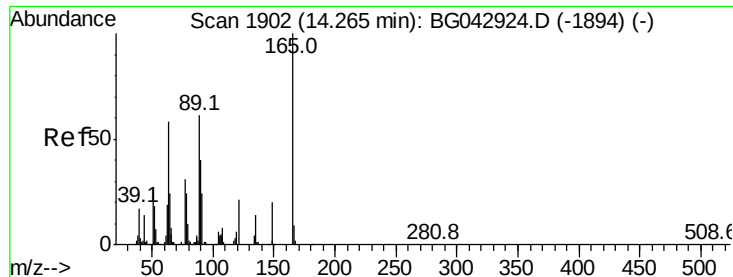
Abundance

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

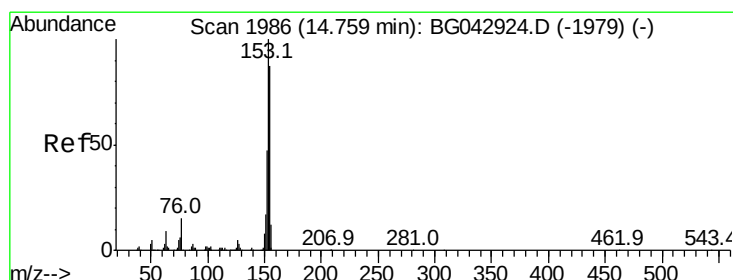
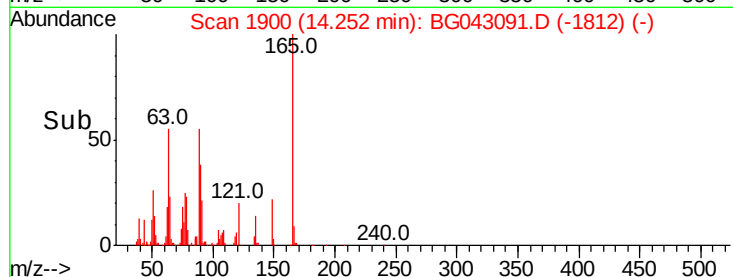
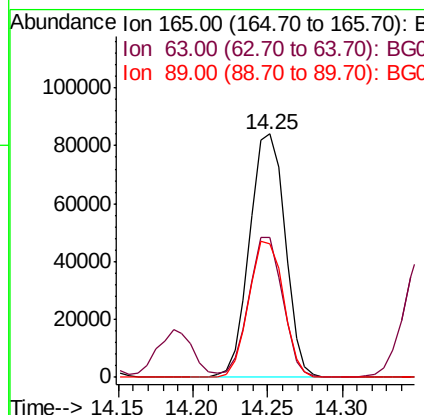
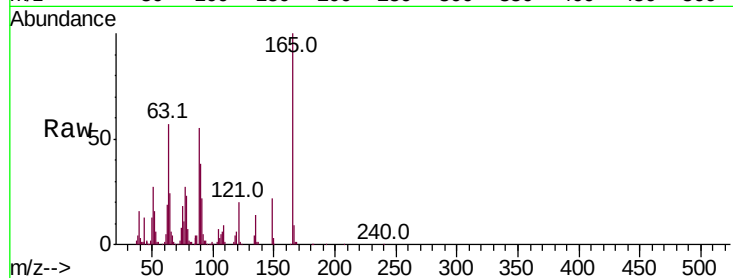




#51
 2,6-Dinitrotoluene
 Concen: 50.897 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

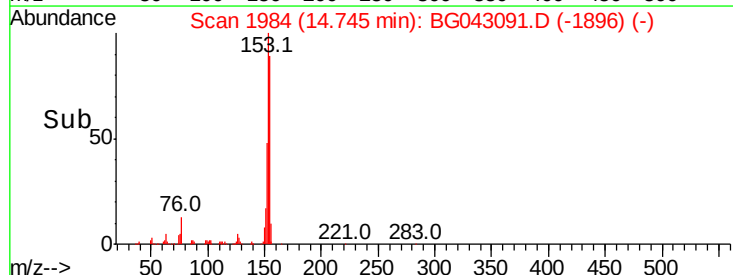
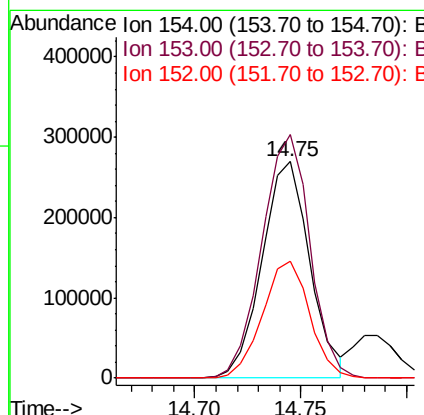
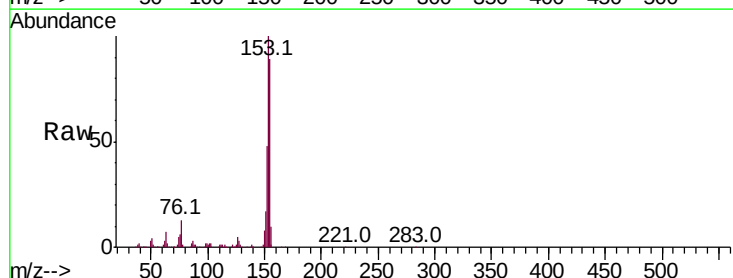
Instrument :
 BNA_G
 ClientSampleId :

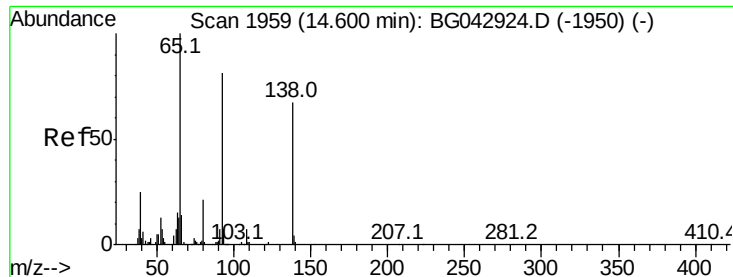
Tot Ion:165 Resp: 138226
 Ion Ratio Lower Upper
 165 100
 63 57.4 50.3 75.5
 89 54.9 48.9 73.3



#52
 Acenaphthene
 Concen: 42.963 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion:154 Resp: 425832
 Ion Ratio Lower Upper
 154 100
 153 112.4 91.4 137.0
 152 54.1 42.8 64.2





#53

3-Nitroaniline

Concen: 27.542 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

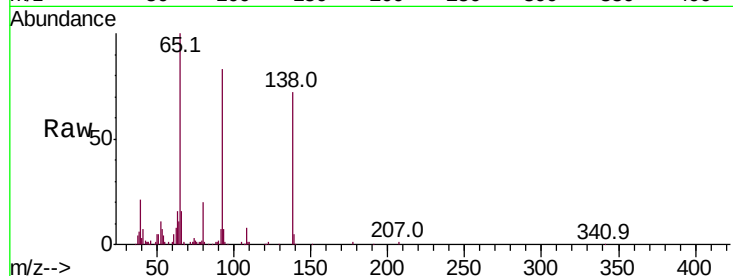
Tot Ion:138 Resp: 77300

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

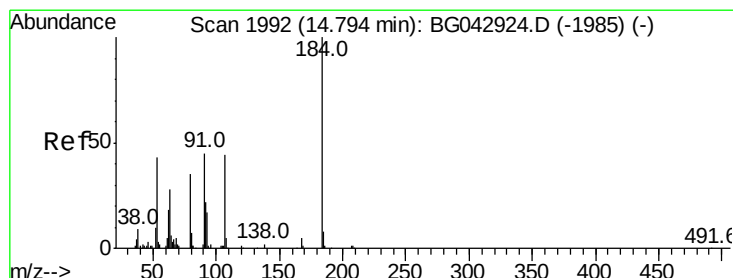
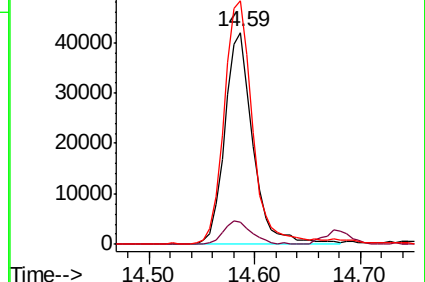
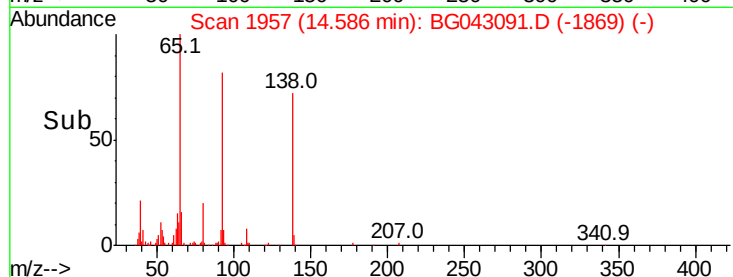
92 114.7 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 79.110 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

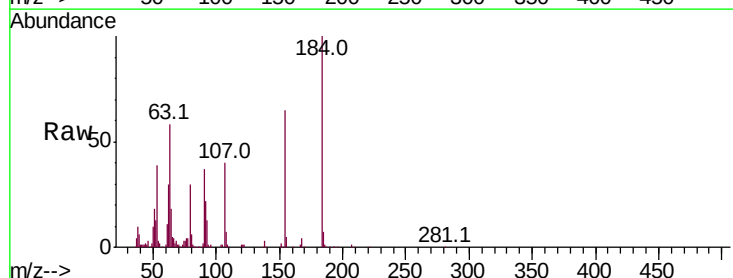
Tgt Ion:184 Resp: 133546

Ion Ratio Lower Upper

184 100

63 57.7 55.0 82.6

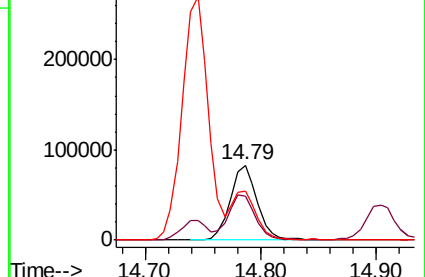
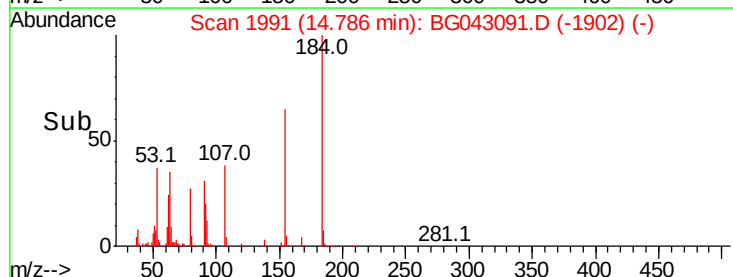
154 64.6 56.5 84.7

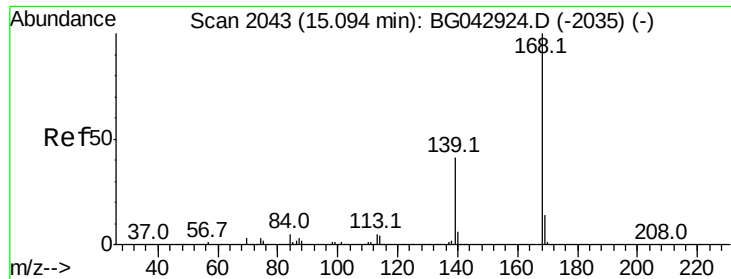


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

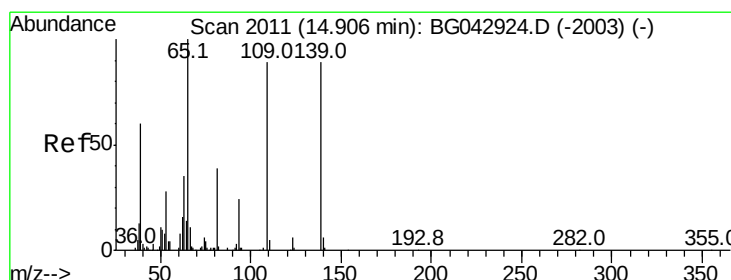
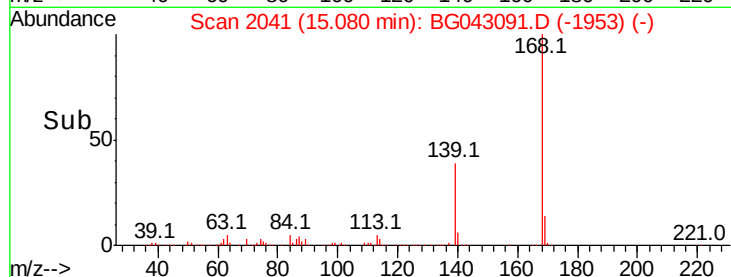
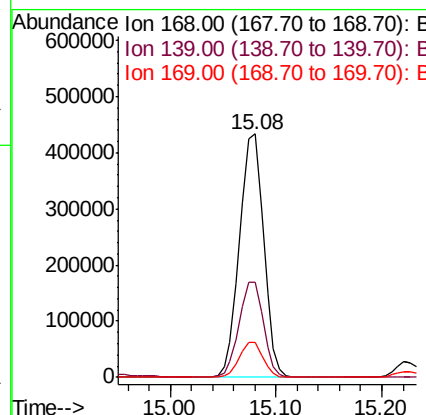
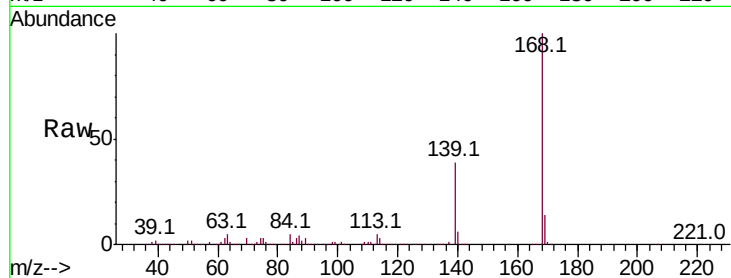




#55
Dibenzofuran
Concen: 46.787 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

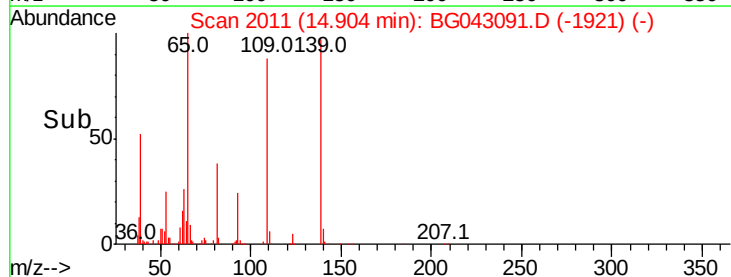
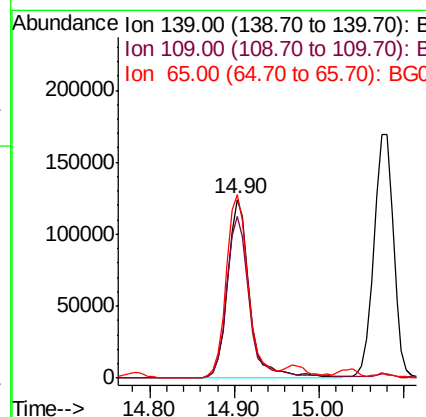
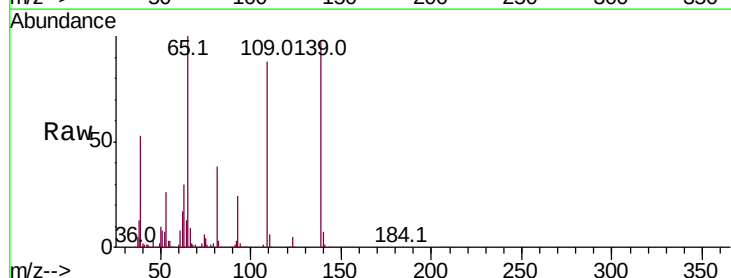
Instrument :
BNA_G
ClientSampleId :

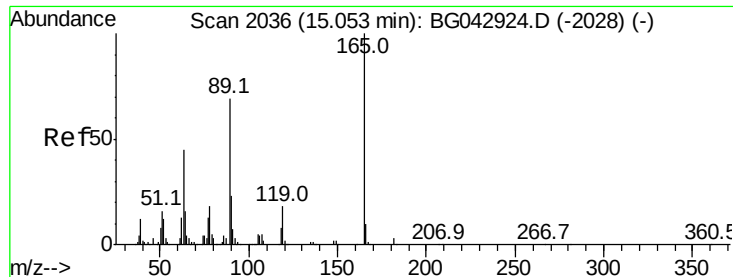
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.6	48.8
169	14.2	11.2	16.8



#56
4-Nitrophenol
Concen: 104.427 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.9	79.4	119.4
65	102.9	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 48.997 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043091.D

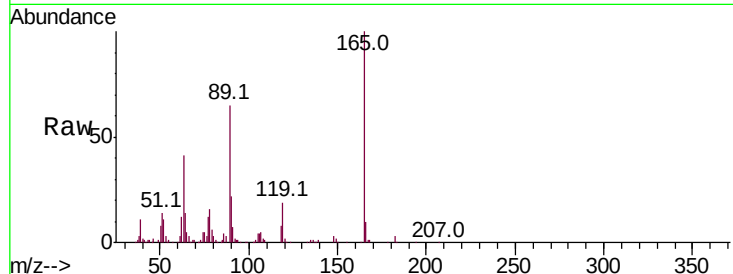
Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	194862
Ion Ratio	Lower	Upper
165	100	
63	41.3	36.5 54.7
89	64.8	55.5 83.3
182	3.1	2.4 3.6

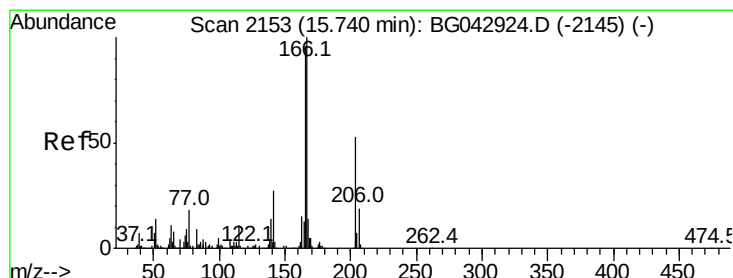
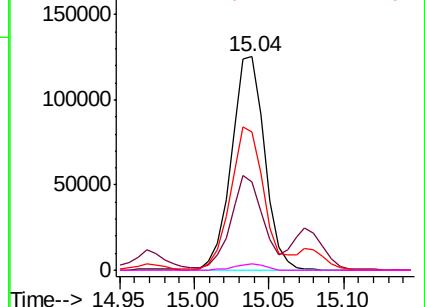
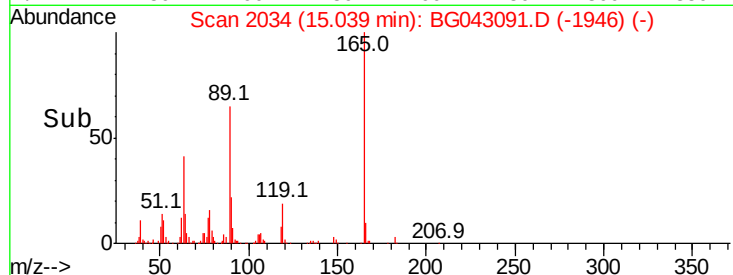


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.463 ng

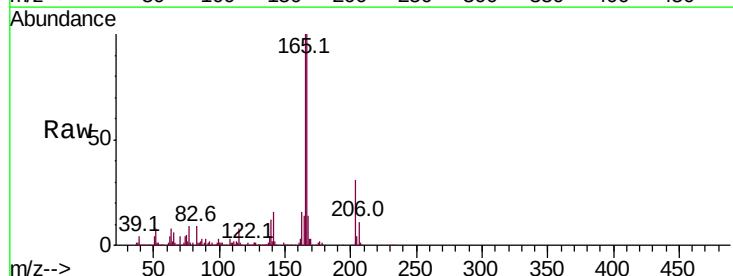
RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

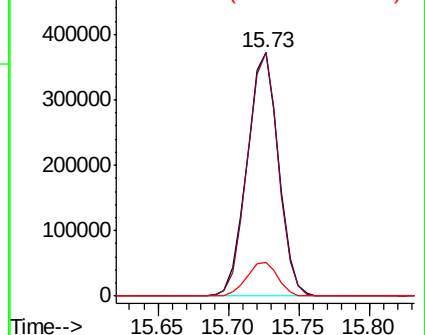
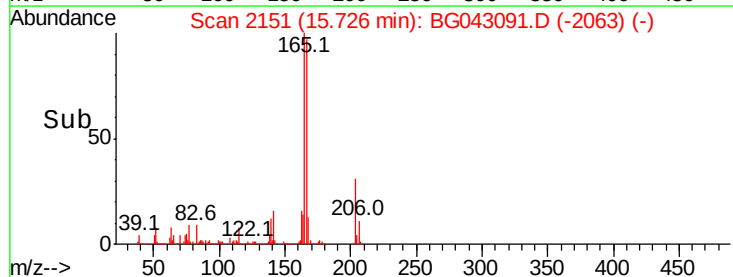
Tgt Ion:166	Resp:	581617
Ion Ratio	Lower	Upper
166	100	
165	100.2	77.1 115.7
167	13.9	11.0 16.6

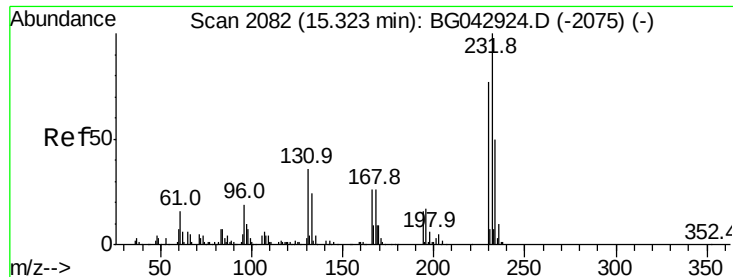


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

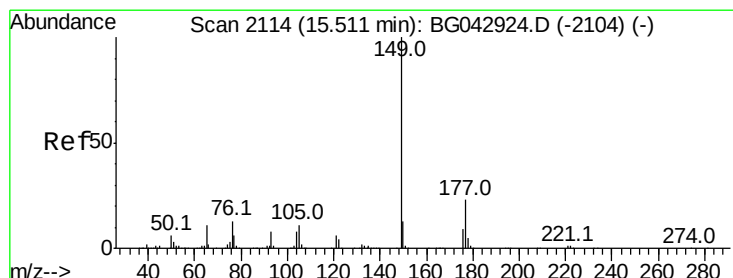
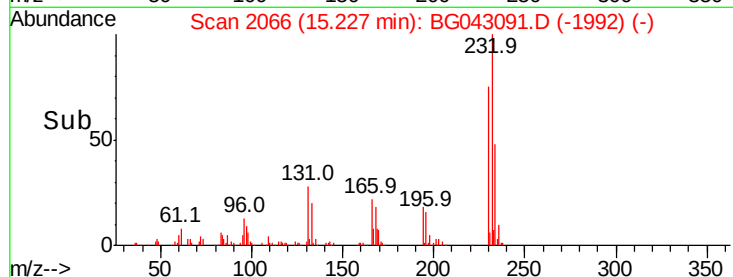
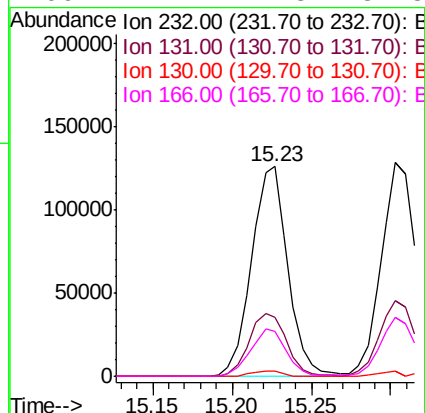
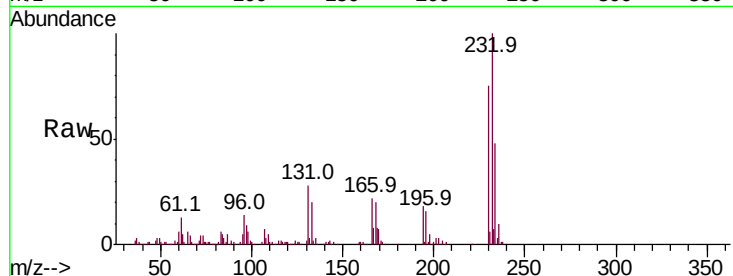




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.830 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.10 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

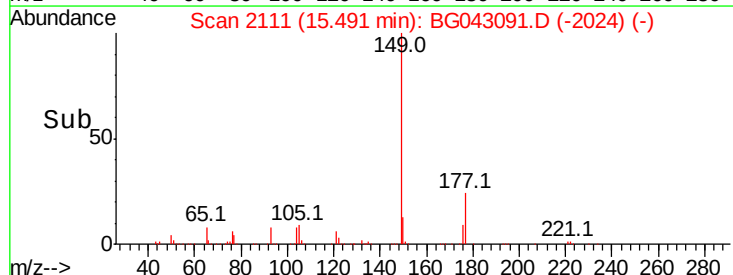
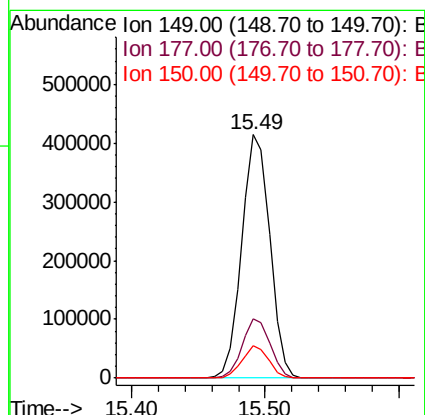
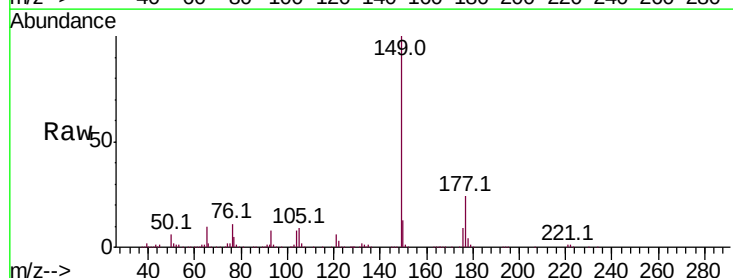
Instrument :
 BNA_G
 ClientSampleId :

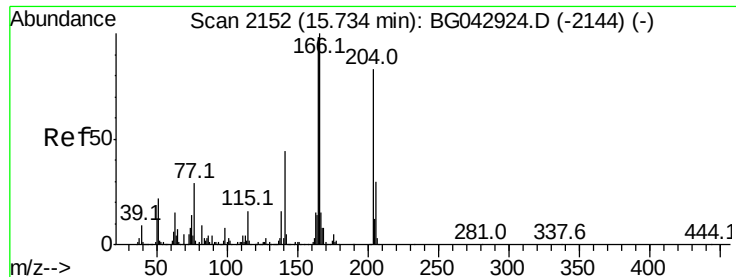
Tot Ion:	232	Resp:	200616
Ion	Ratio	Lower	Upper
232	100		
131	31.1	29.6	44.4
130	2.1	1.9	2.9
166	22.1	21.8	32.8



#60
 Diethylphthalate
 Concen: 46.158 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion:	149	Resp:	599062
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.1	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 44.590 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

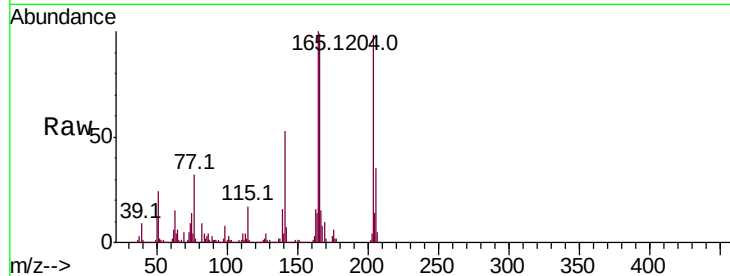
Tot Ion:204 Resp: 334753

Ion Ratio Lower Upper

204 100

206 35.9 28.5 42.7

141 53.5 42.4 63.6

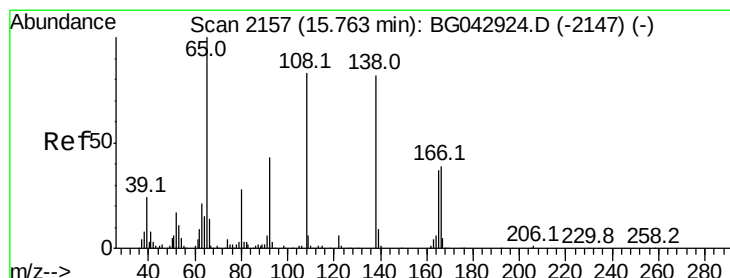
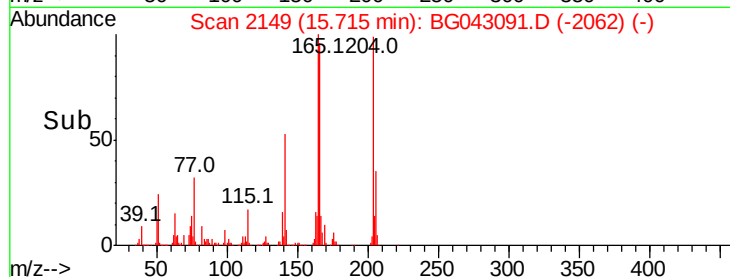
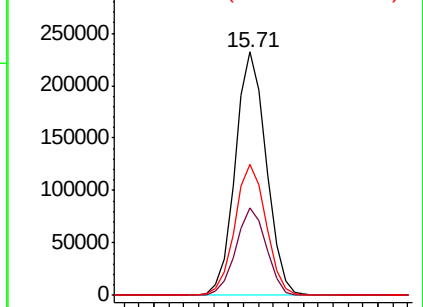


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.610 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

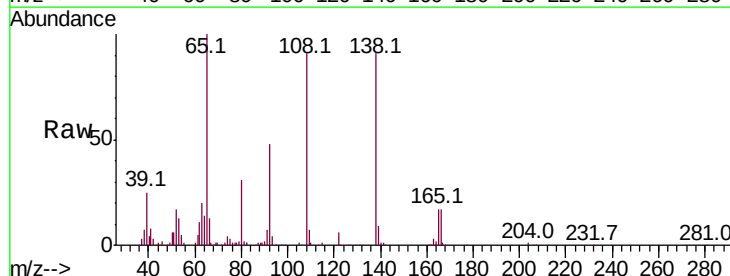
Tgt Ion:138 Resp: 142673

Ion Ratio Lower Upper

138 100

92 52.2 32.9 72.9

108 99.8 81.3 121.3

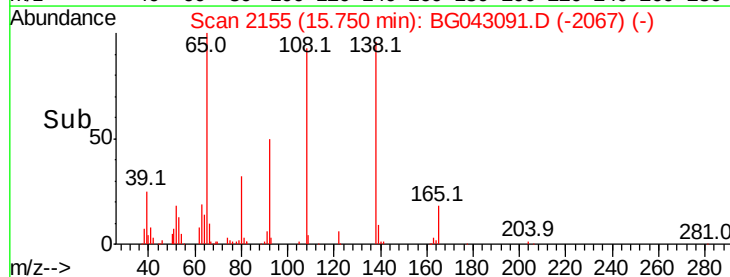
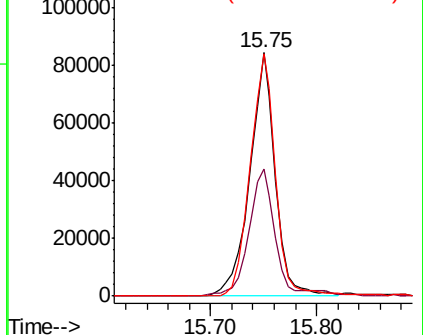


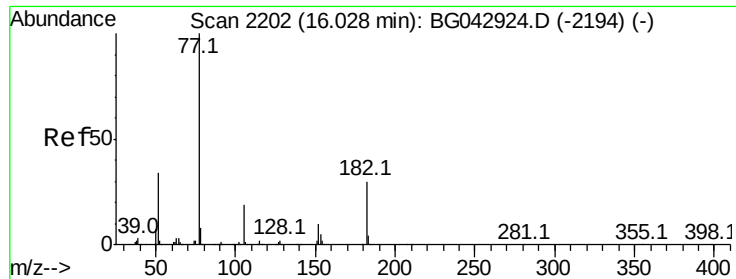
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.137 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 509717

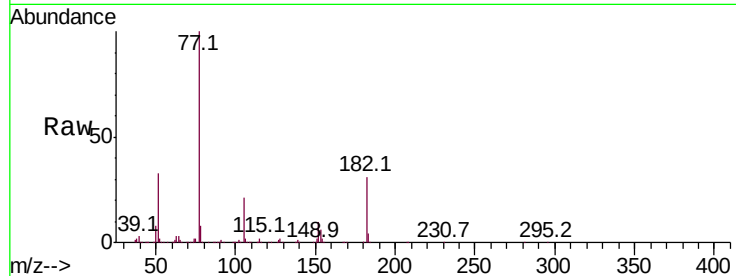
Ion Ratio Lower Upper

77 100

182 31.1 10.2 50.2

105 20.7 0.0 39.1

51 33.3 13.9 53.9

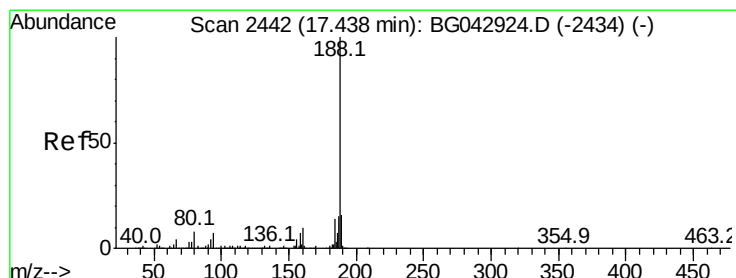
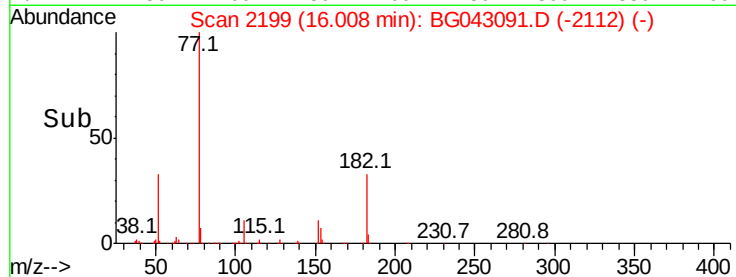
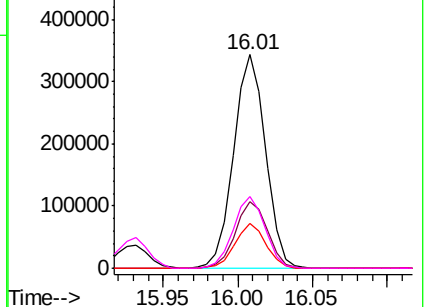


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

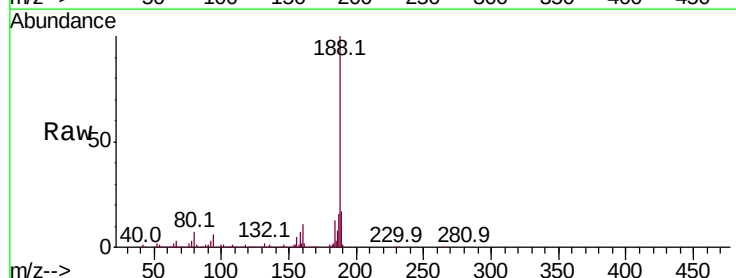
Tgt Ion: 188 Resp: 401332

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

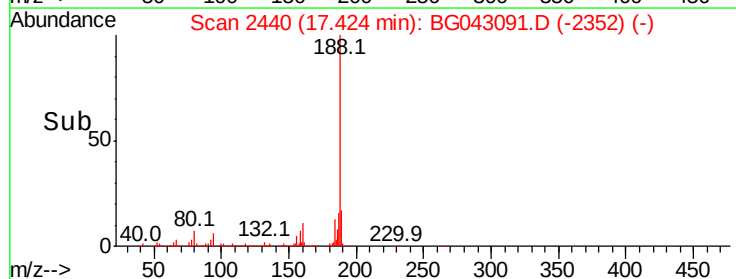
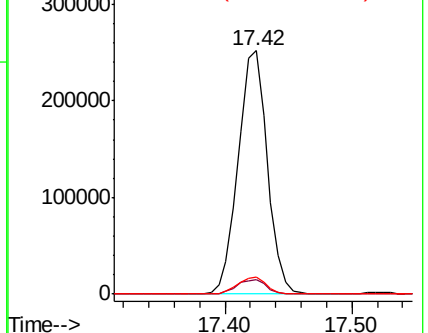
80 6.9 6.5 9.7

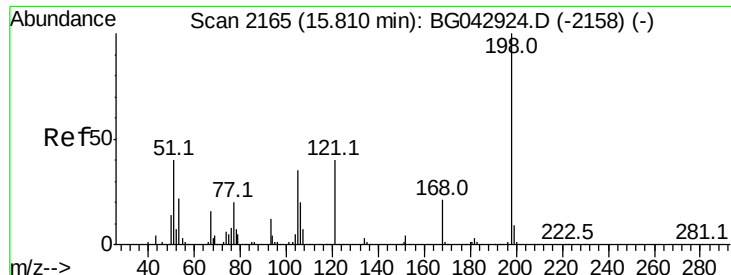


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

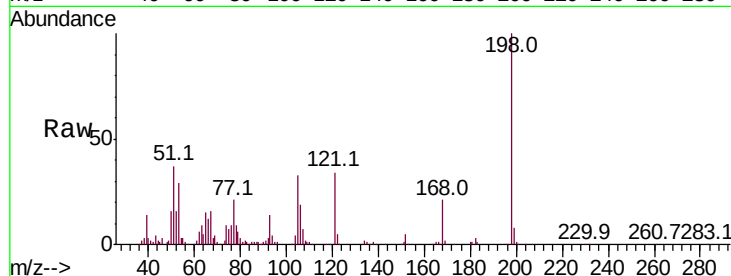




#65
4,6-Dinitro-2-methylphenol
Concen: 50.342 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.9	25.3	65.3
105	33.1	16.6	56.6

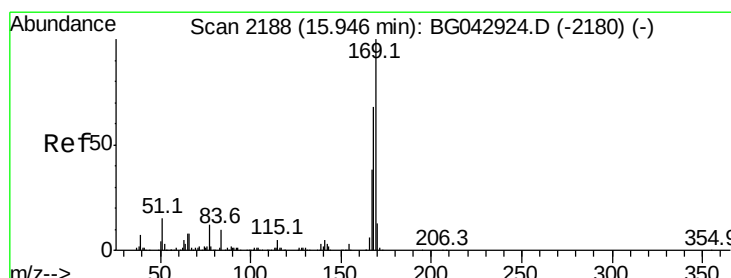
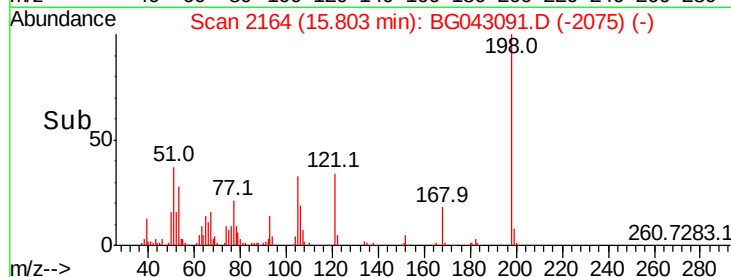
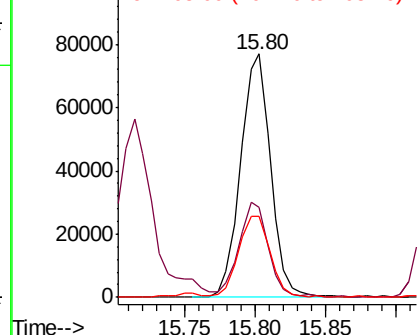


Abundance

Ion 198.00 (197.70 to 198.70): E

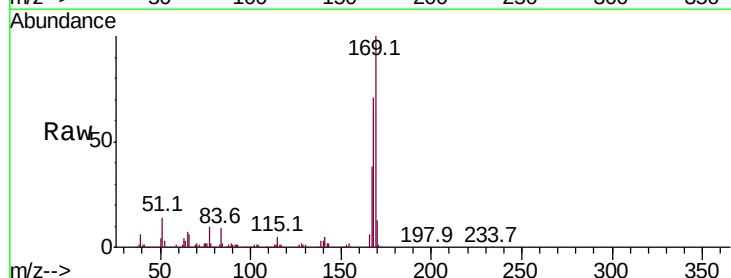
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 49.407 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	54.8	82.2
167	37.7	30.6	46.0

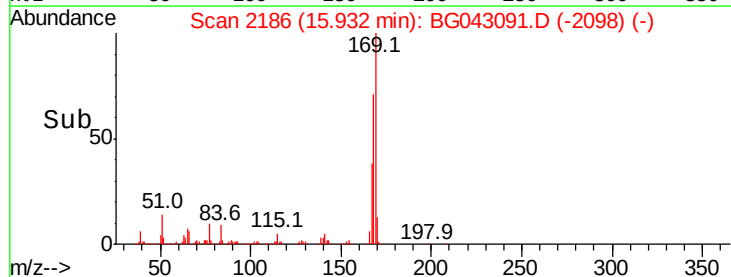
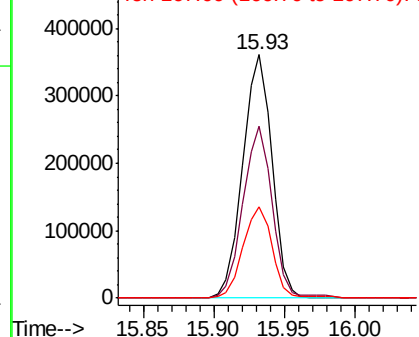


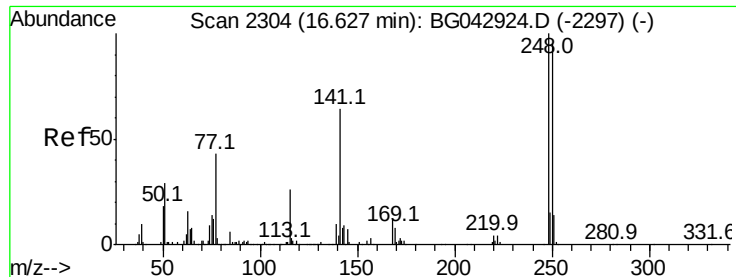
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

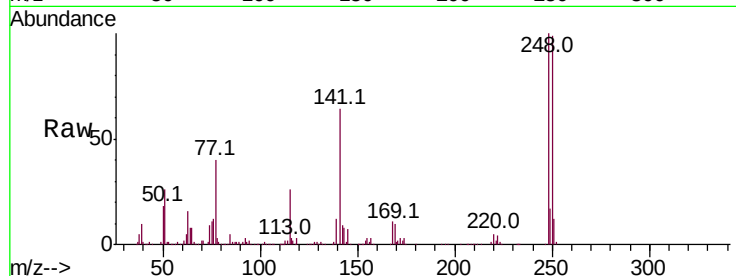




#67
4-Bromophenyl-phenylether
Concen: 47.763 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.8	113.8
141	63.5	51.1	76.7

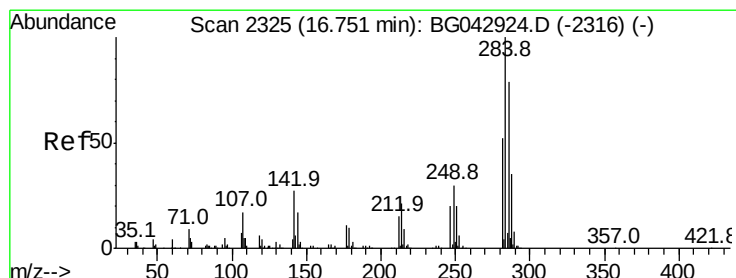
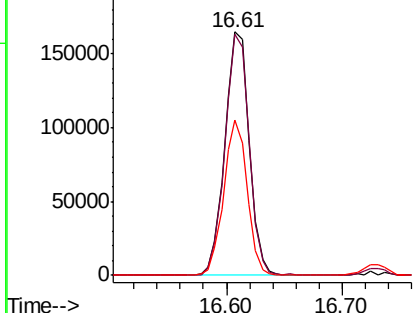
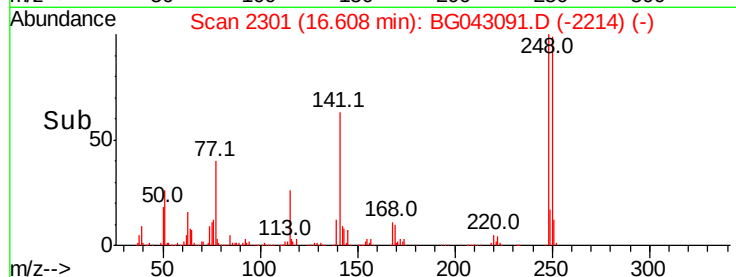


Abundance

Ion 248.00 (247.70 to 248.70): E

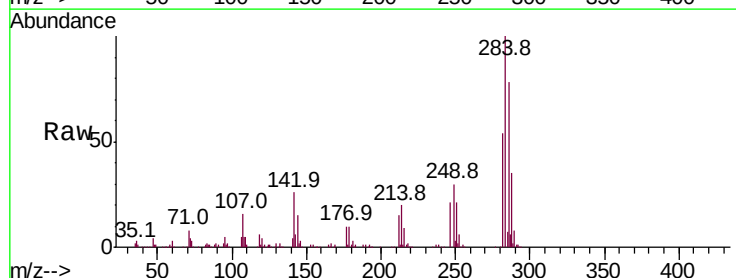
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.398 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	21.6	32.4
249	30.3	24.1	36.1

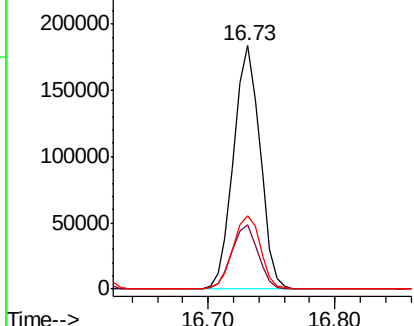
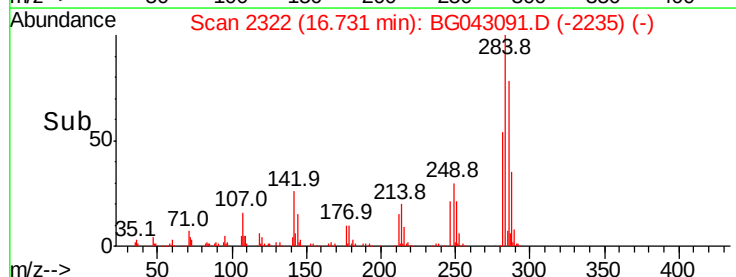


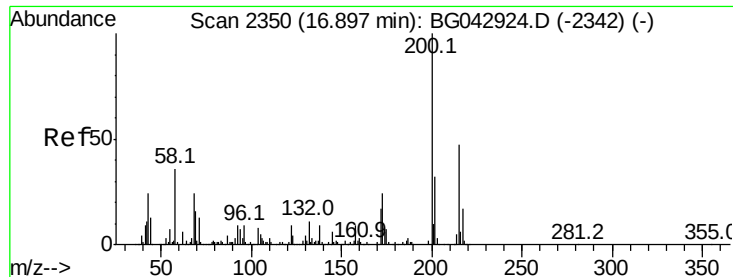
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.304 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

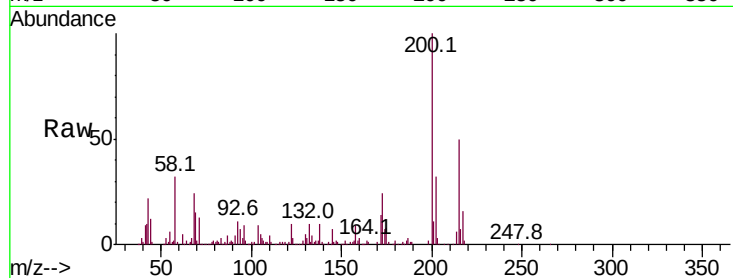
Tot Ion:200 Resp: 202115

Ion Ratio Lower Upper

200 100

173 23.8 4.0 44.0

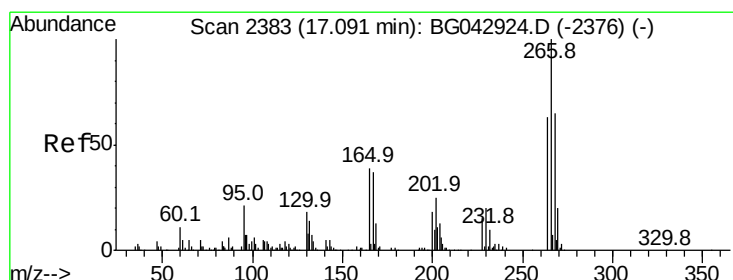
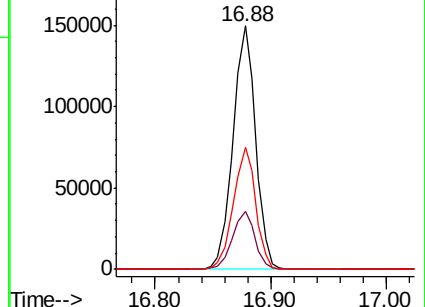
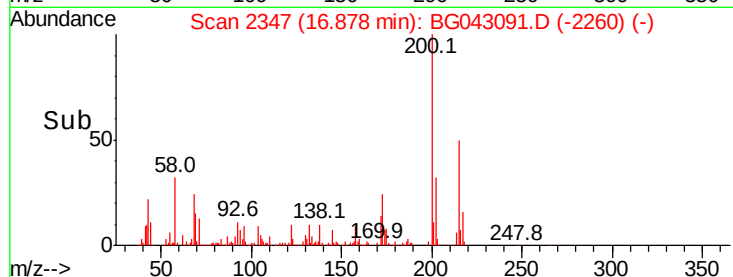
215 50.4 27.4 67.4



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: 98.808 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

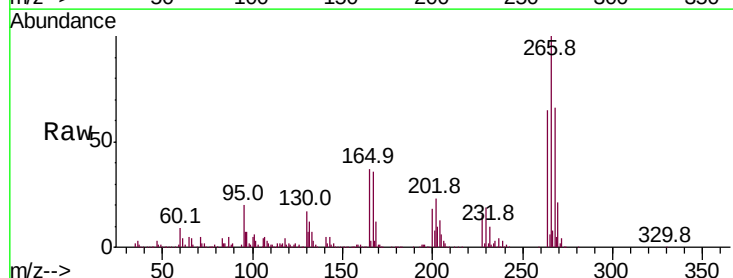
Tgt Ion:266 Resp: 319765

Ion Ratio Lower Upper

266 100

268 66.5 52.2 78.2

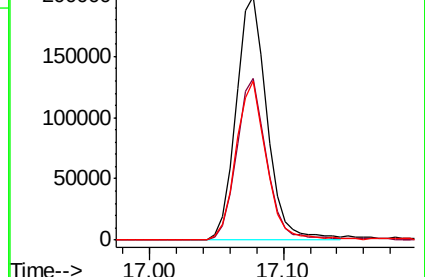
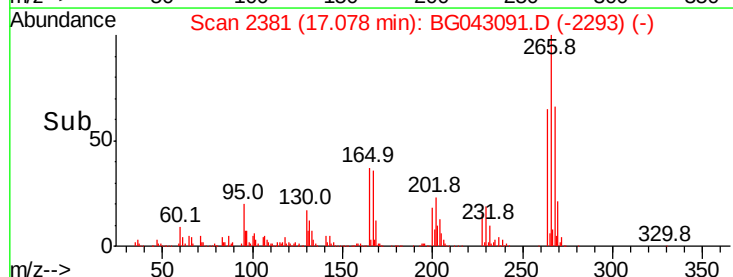
264 65.5 50.7 76.1

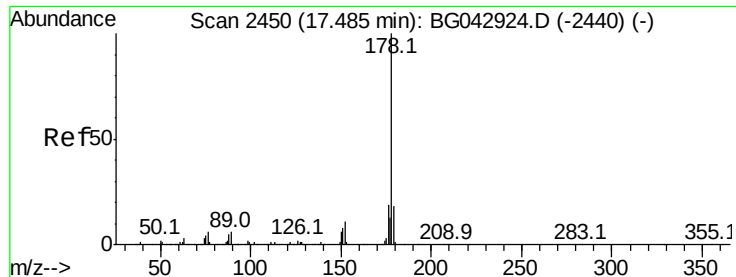


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

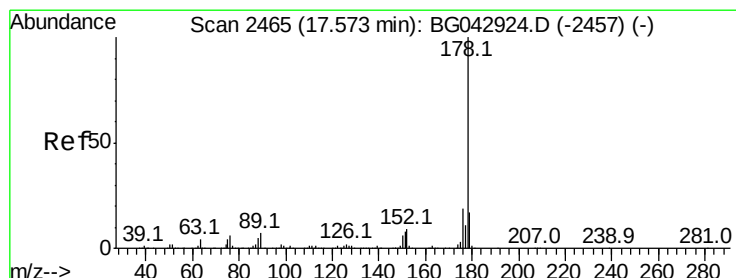
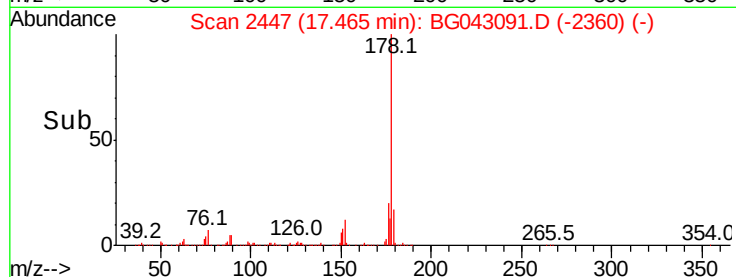
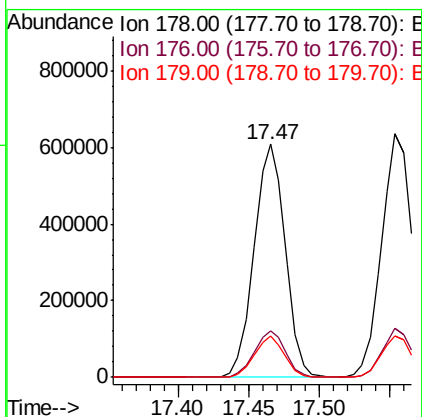
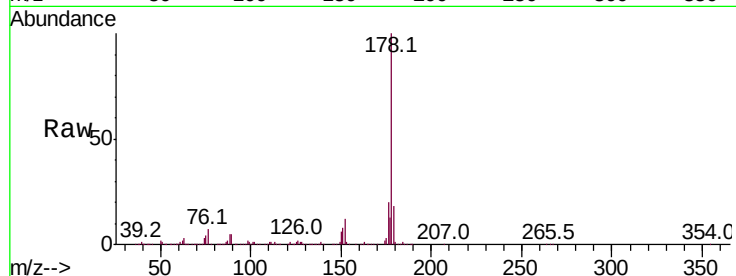




#71
 Phenanthrene
 Concen: 47.917 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

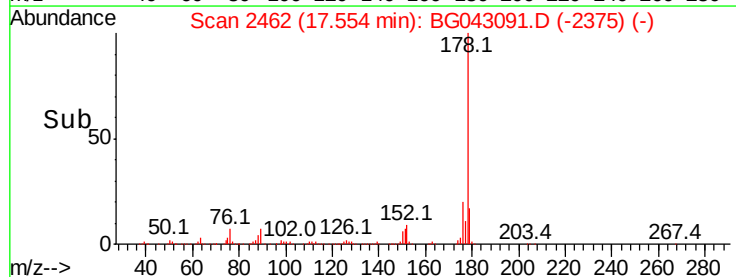
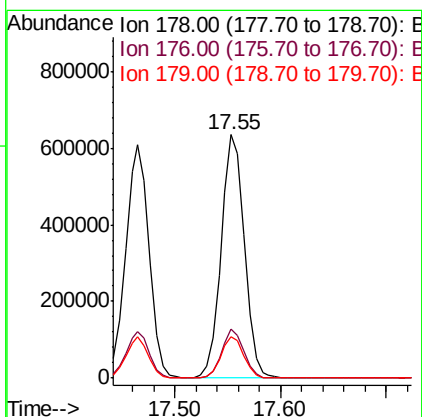
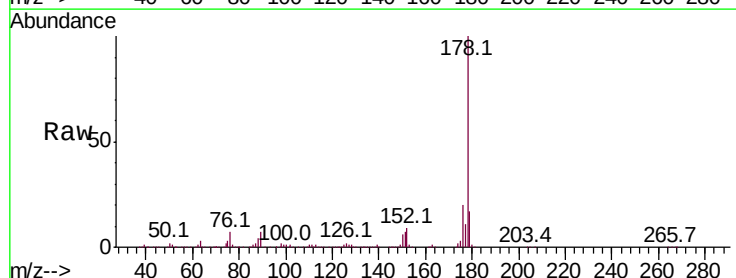
Instrument :
 BNA_G
 ClientSampleId :

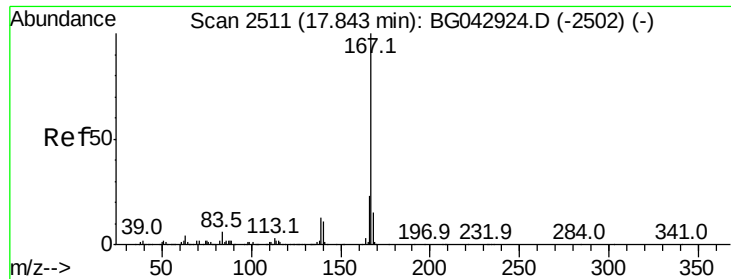
Tot Ion:178 Resp: 938842
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.1 22.7
 179 17.6 14.1 21.1



#72
 Anthracene
 Concen: 49.252 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion:178 Resp: 963380
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.5 23.3
 179 17.2 13.5 20.3





#73

Carbazole

Concen: 49.350 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

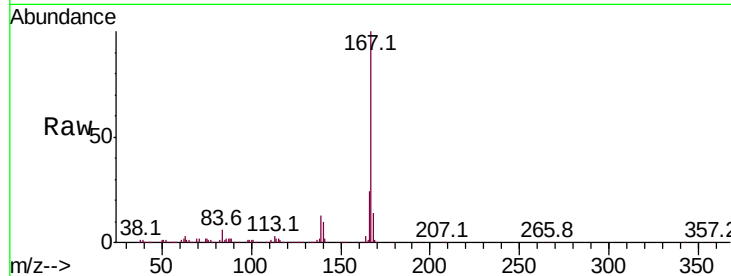
Tot Ion:167 Resp: 895131

Ion Ratio Lower Upper

167 100

166 23.5 18.6 28.0

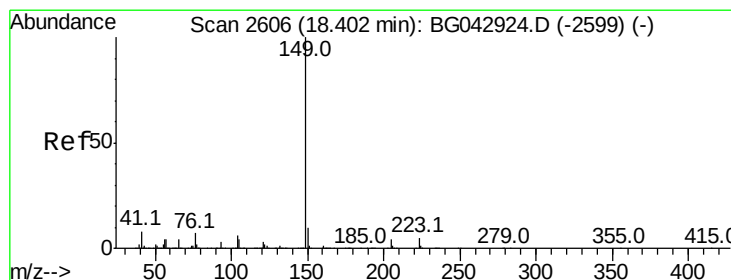
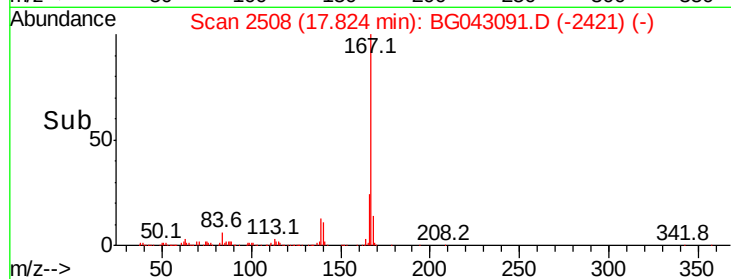
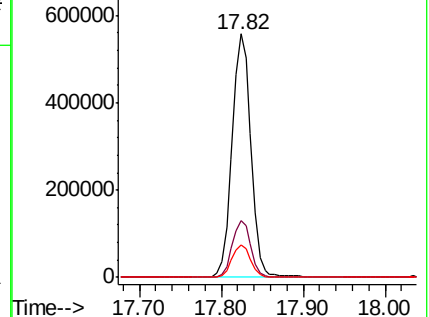
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.785 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

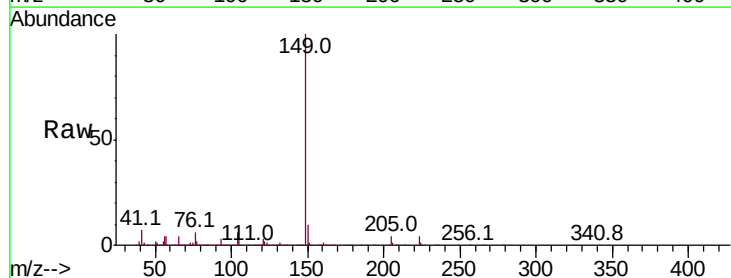
Tgt Ion:149 Resp: 1034135

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

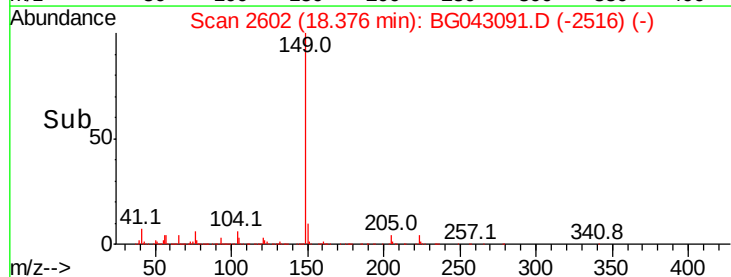
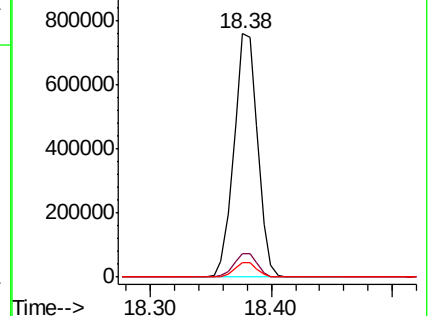
104 6.1 5.0 7.6

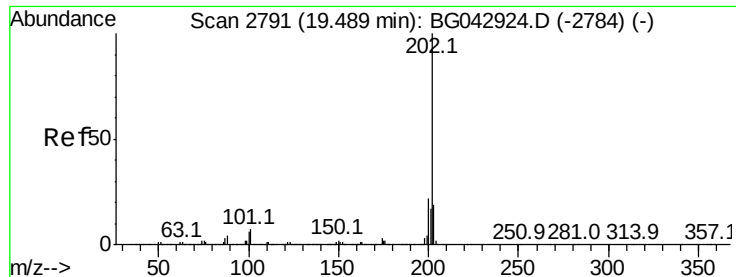


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.777 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

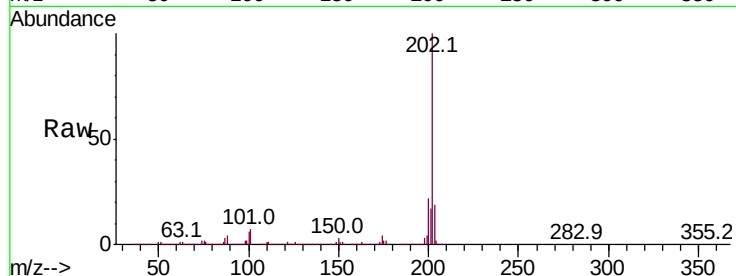
Tot Ion:202 Resp: 1238151

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

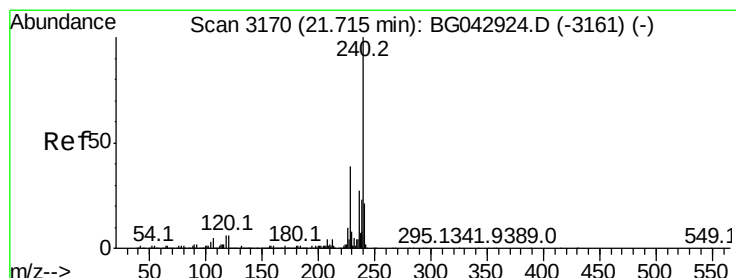
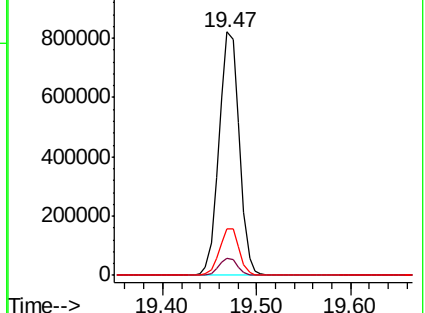
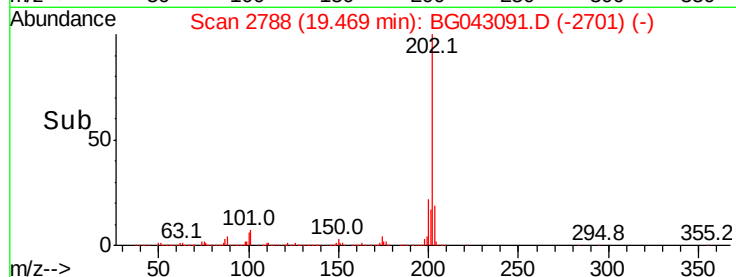
203 19.3 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

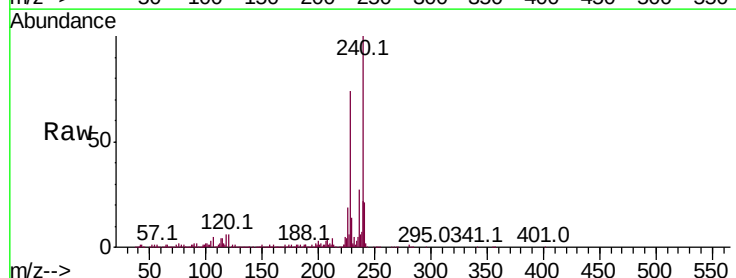
Tgt Ion:240 Resp: 432355

Ion Ratio Lower Upper

240 100

120 6.2 4.8 7.2

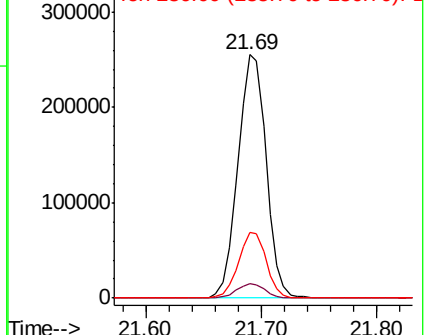
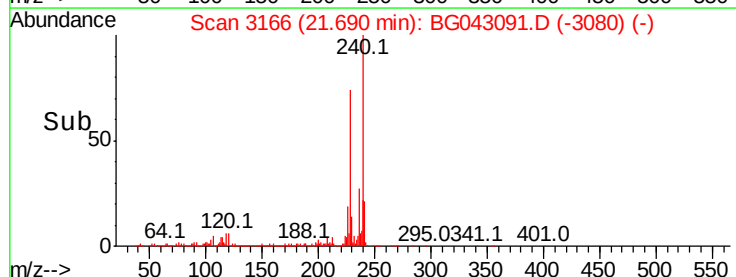
236 27.1 21.4 32.0

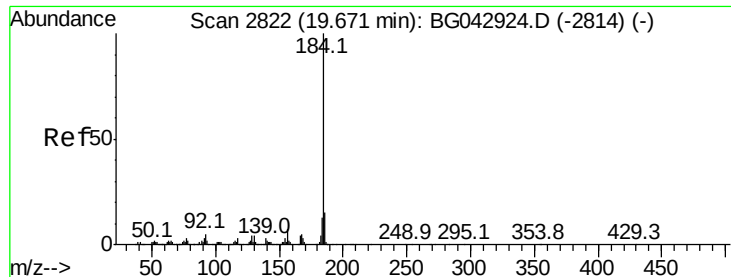


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.066 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

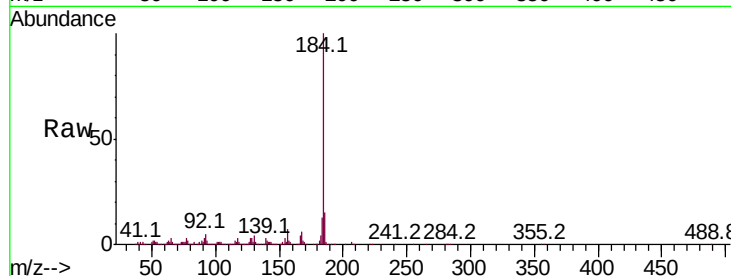
Tot Ion:184 Resp: 552832

Ion Ratio Lower Upper

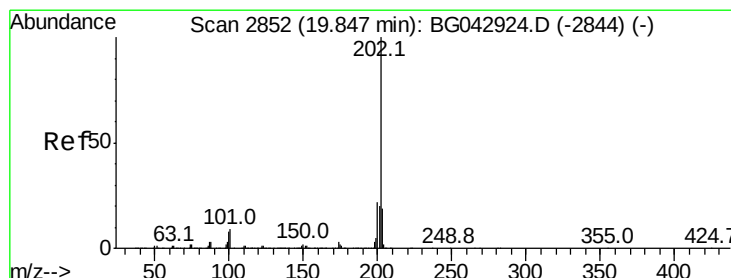
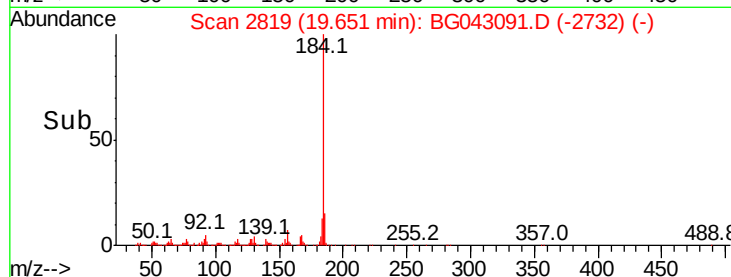
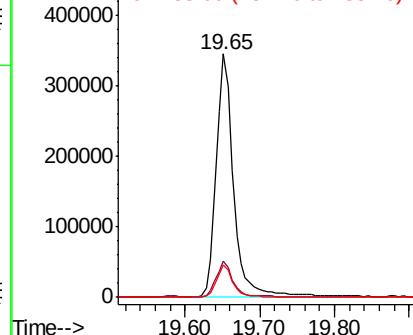
184 100

185 15.0 11.8 17.8

183 13.3 10.1 15.1



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: 47.882 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

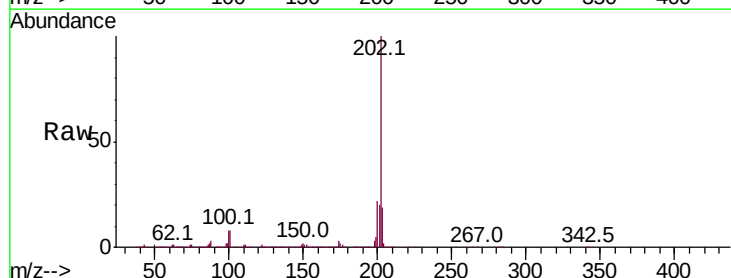
Tgt Ion:202 Resp: 1235633

Ion Ratio Lower Upper

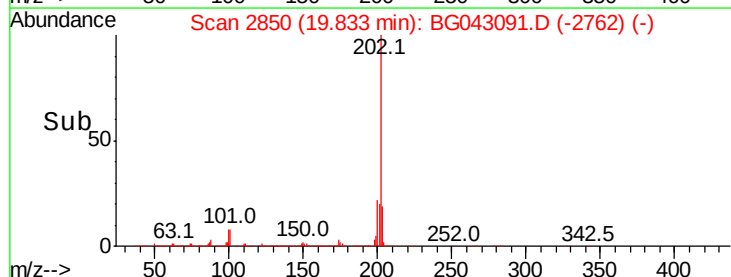
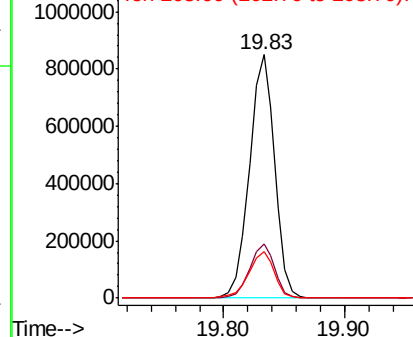
202 100

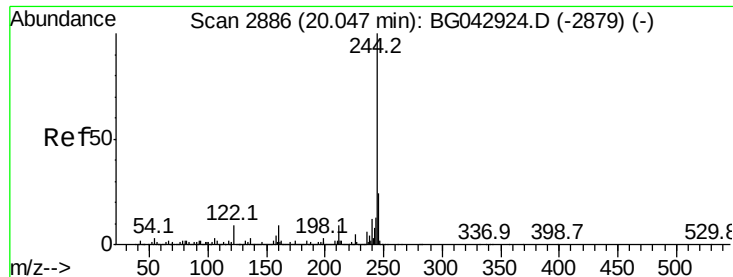
200 22.5 17.6 26.4

203 19.0 15.2 22.8



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: 95.704 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

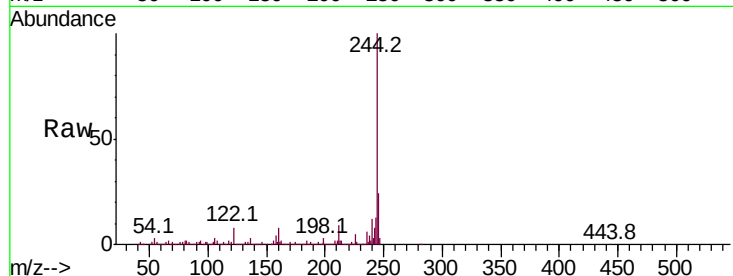
Tot Ion:244 Resp: 1941836

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

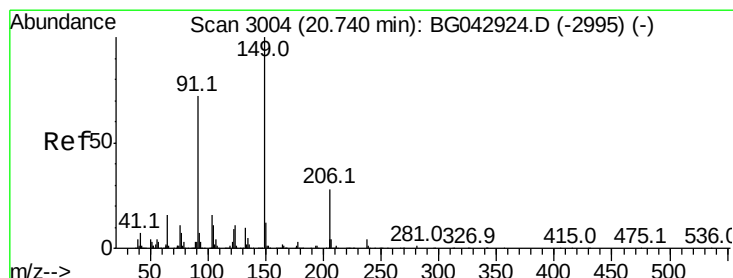
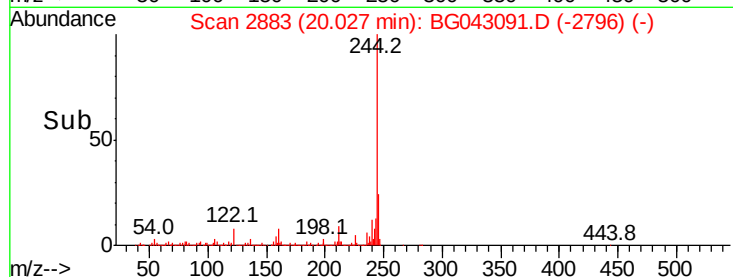
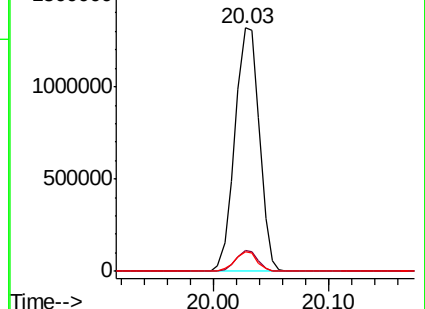
122 8.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.380 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

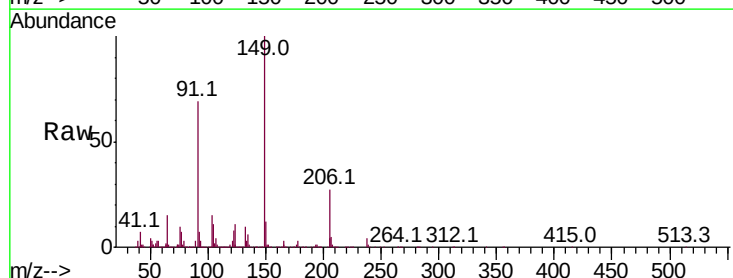
Tgt Ion:149 Resp: 483683

Ion Ratio Lower Upper

149 100

91 68.7 57.7 86.5

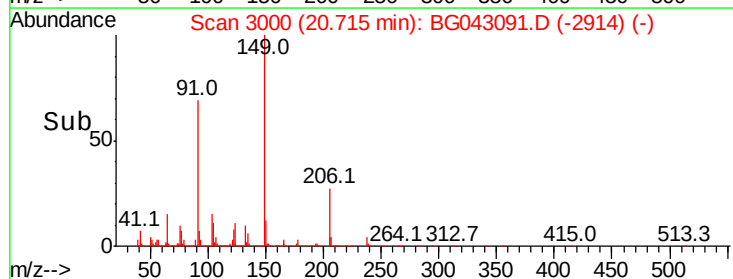
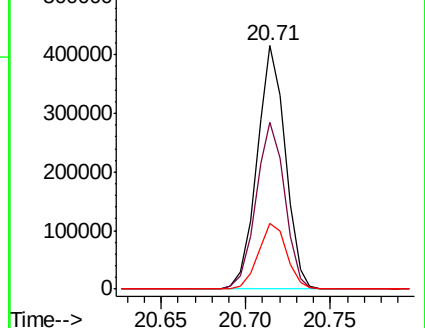
206 27.1 22.6 33.8

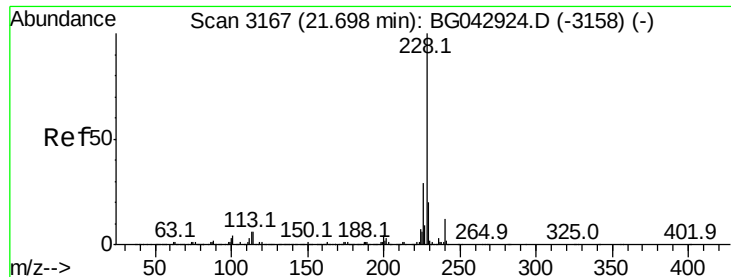


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.758 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

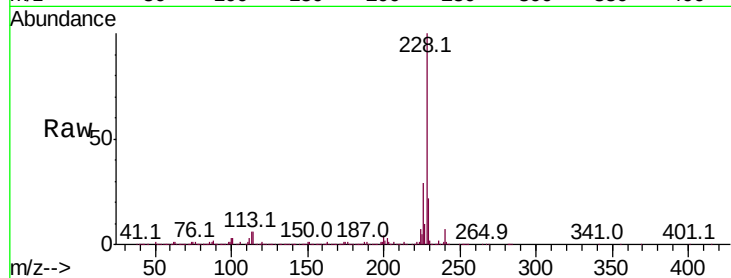
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1286594

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	21.8	16.3	24.5

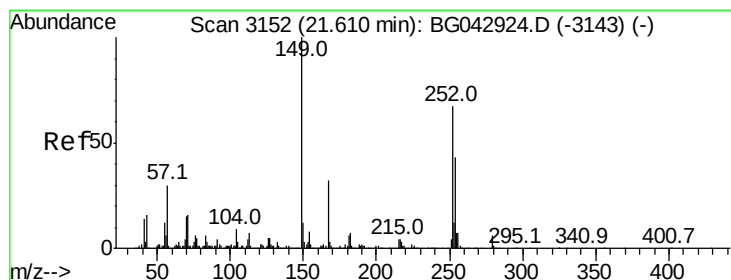
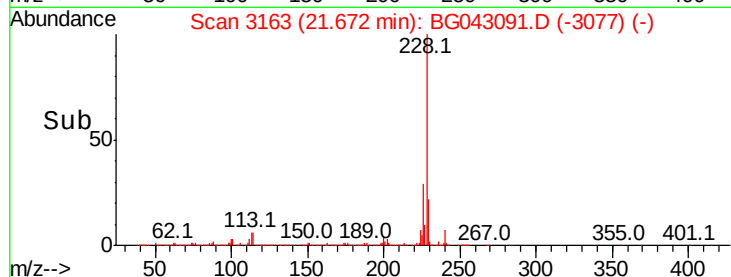
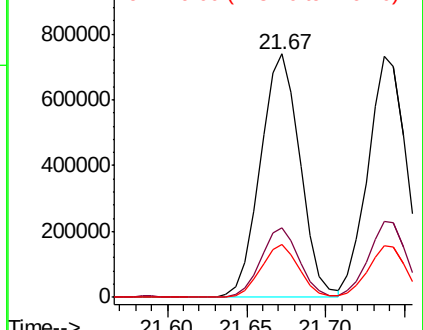


Abundance

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: 31.402 ng

RT: 21.59 min Scan# 3149

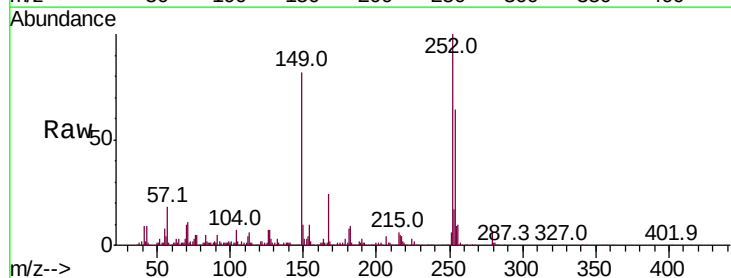
Delta R.T. -0.02 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Tgt Ion:252 Resp: 331795

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	7.0	6.1	9.1

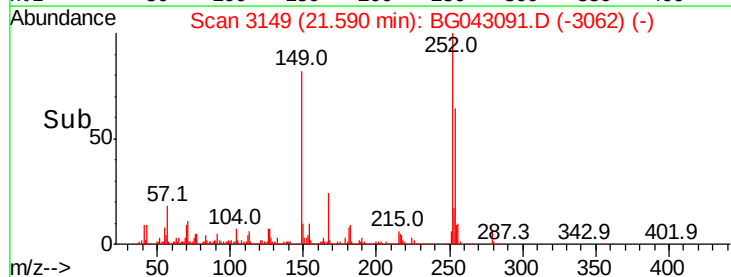
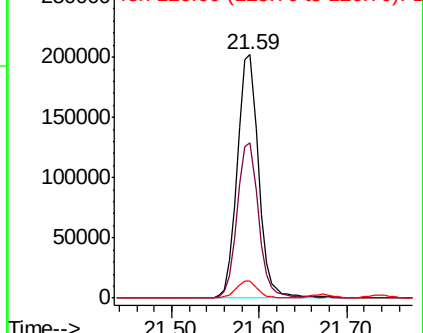


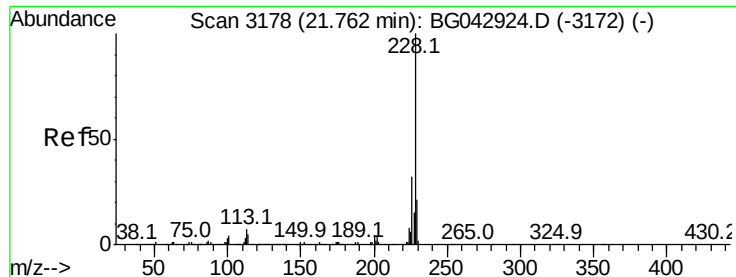
Abundance

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



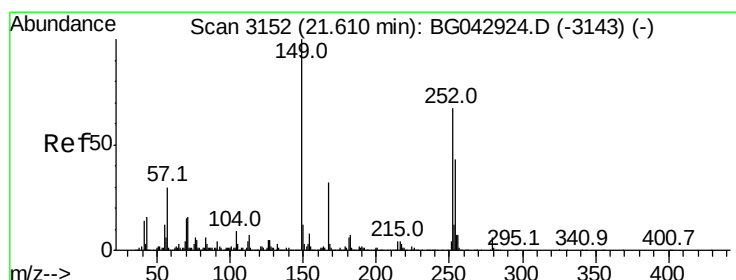
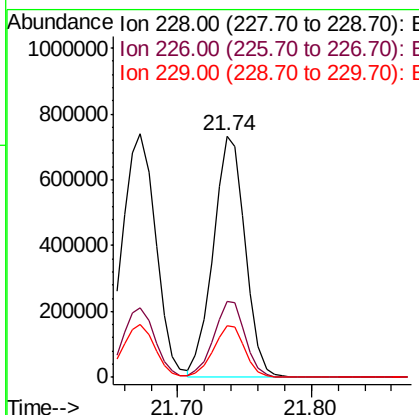
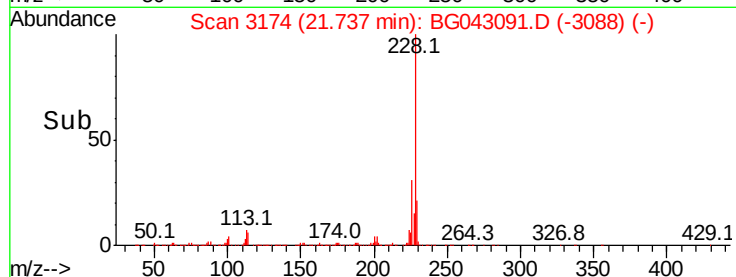
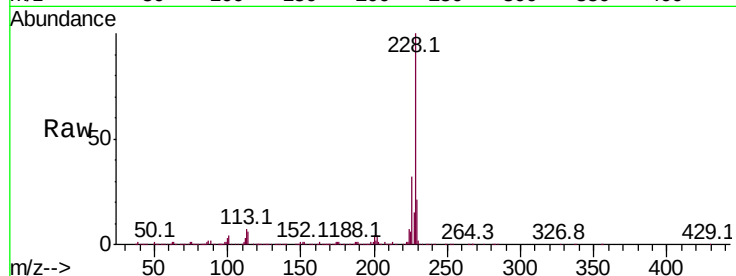


#83
 Chrysene
 Concen: 46.896 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.03 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1225993

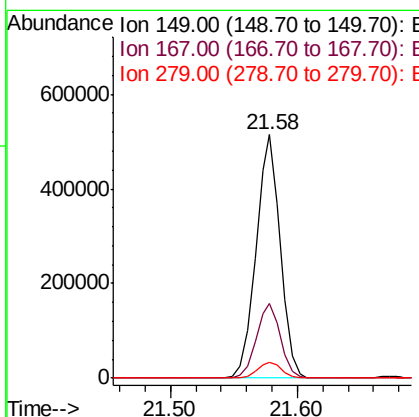
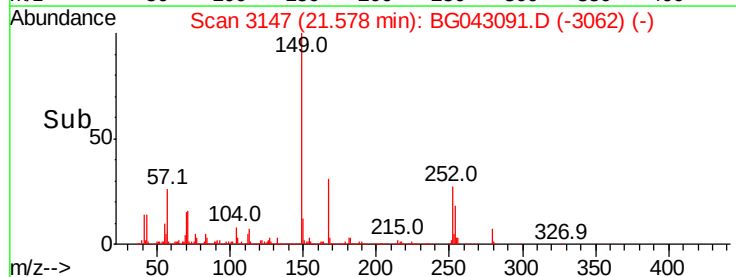
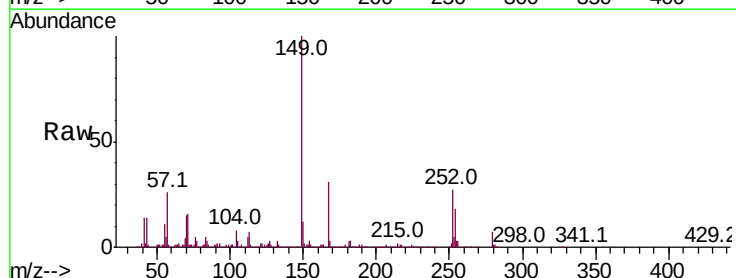
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.5	16.9	25.3

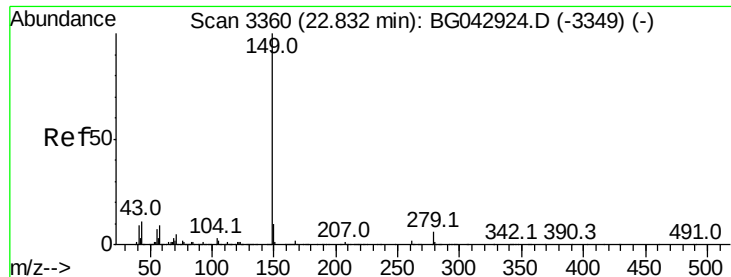


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.963 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043091.D
 Acq: 8 Oct 2019 18:39

Tgt Ion:149 Resp: 682436

Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.5	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 51.193 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

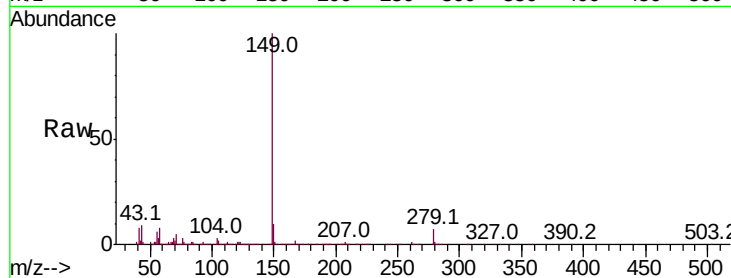
Tot Ion:149 Resp: 1166762

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

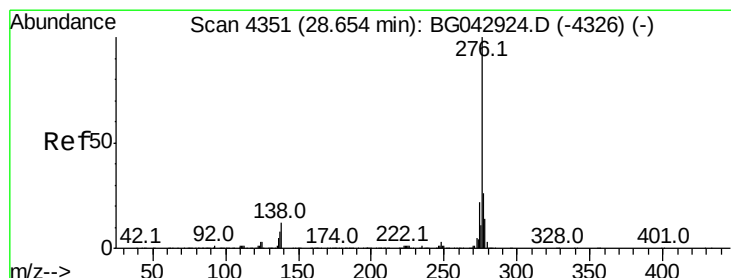
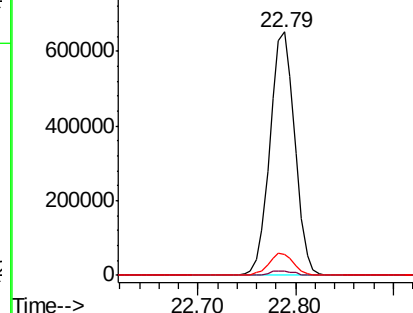
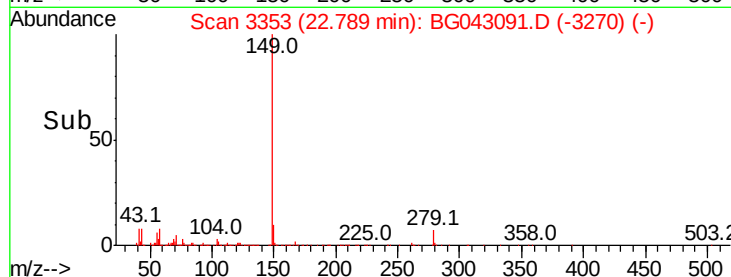
43 9.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.702 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.08 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

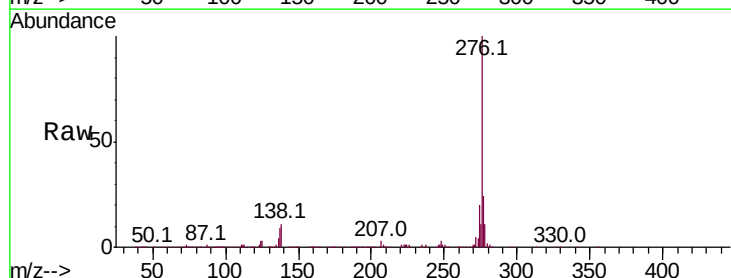
Tgt Ion:276 Resp: 1650146

Ion Ratio Lower Upper

276 100

138 14.3 7.0 10.6#

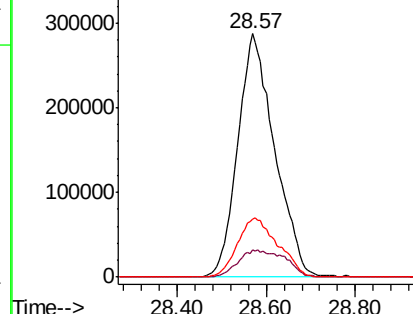
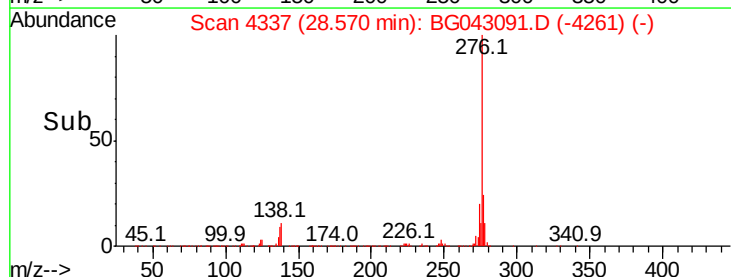
277 26.7 20.9 31.3

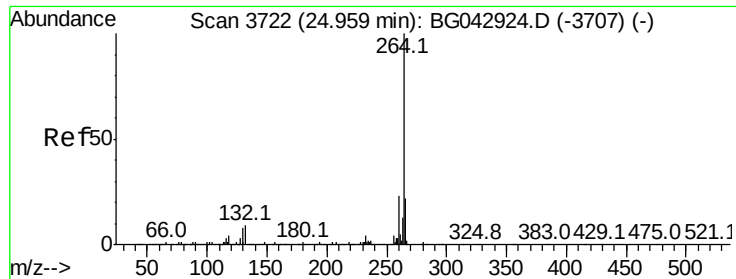


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

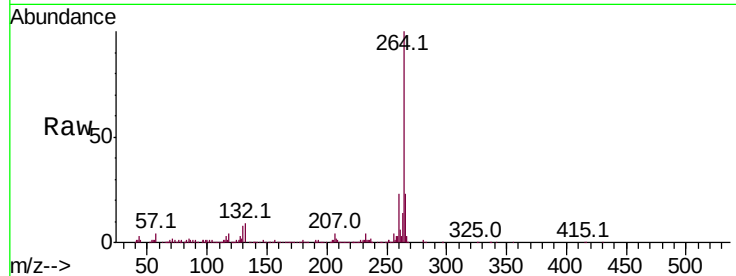
Tot Ion:264 Resp: 509235

Ion Ratio Lower Upper

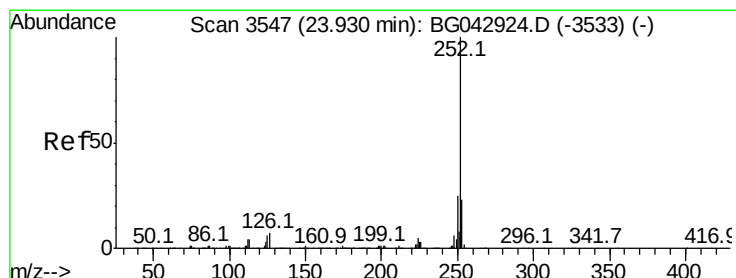
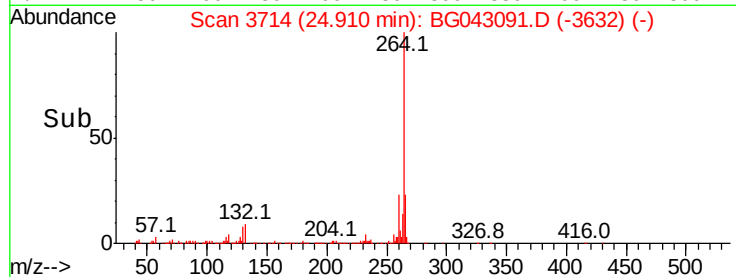
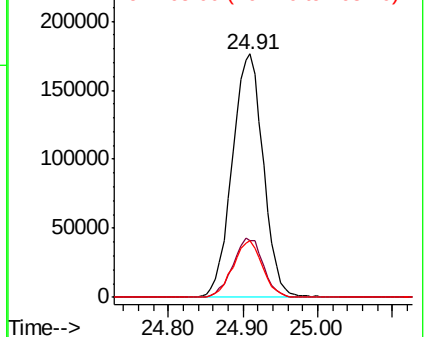
264 100

260 23.2 18.7 28.1

265 23.4 17.7 26.5



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: 48.069 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.04 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

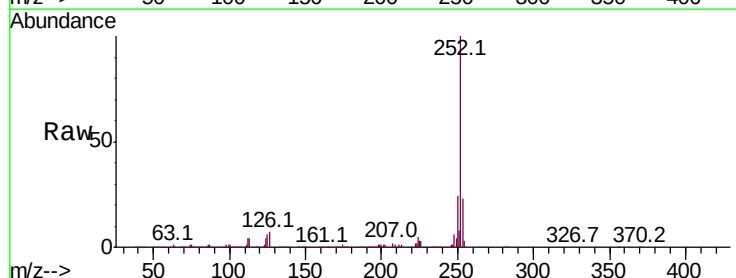
Tgt Ion:252 Resp: 1385056

Ion Ratio Lower Upper

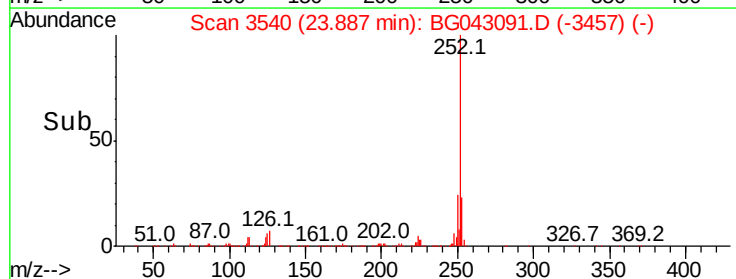
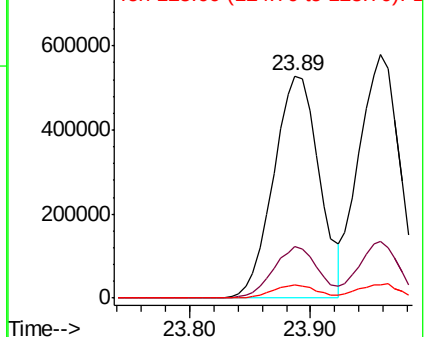
252 100

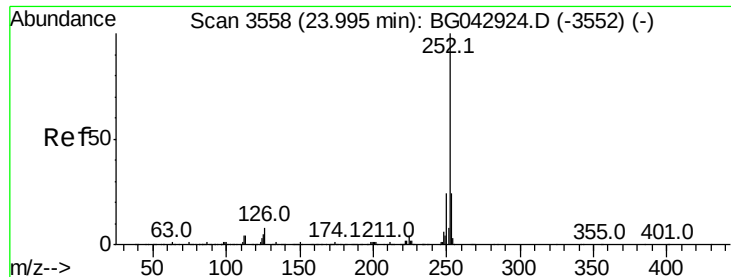
253 23.0 18.2 27.2

125 5.8 4.6 7.0



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: 47.333 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.04 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

Instrument :

BNA_G

ClientSampleId :

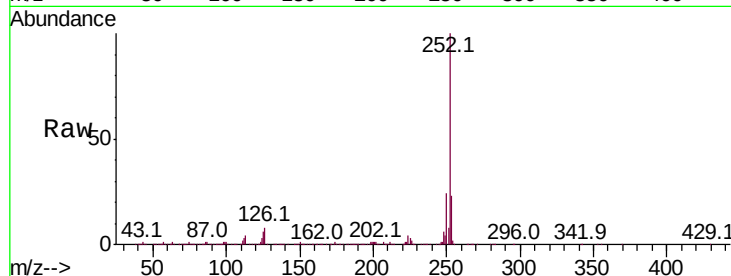
Tot Ion:252 Resp: 1349213

Ion Ratio Lower Upper

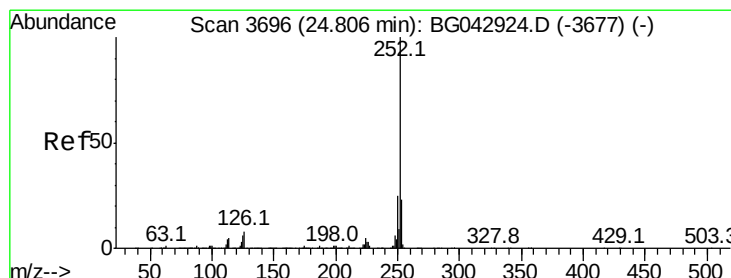
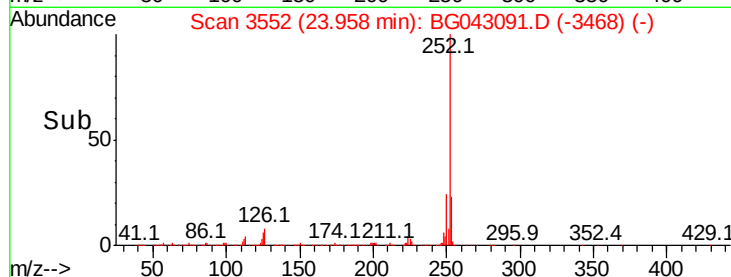
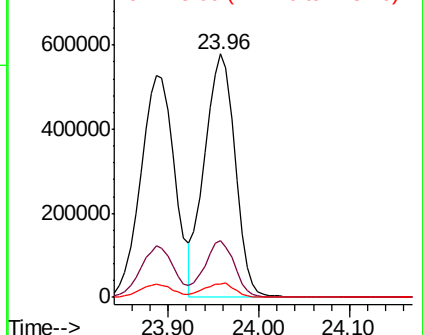
252 100

253 23.3 18.9 28.3

125 5.7 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 49.862 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.05 min

Lab File: BG043091.D

Acq: 8 Oct 2019 18:39

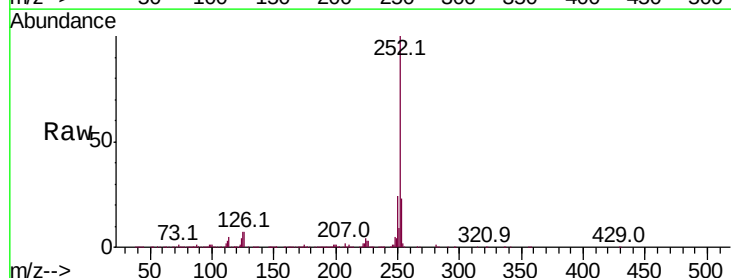
Tgt Ion:252 Resp: 1355476

Ion Ratio Lower Upper

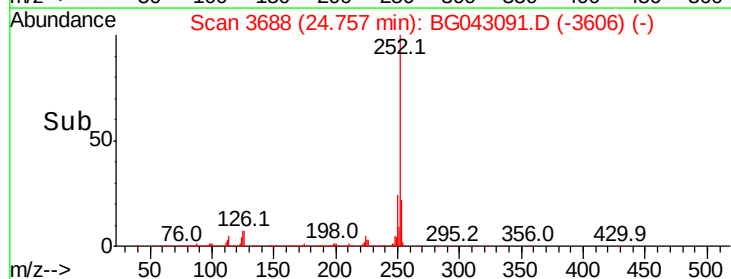
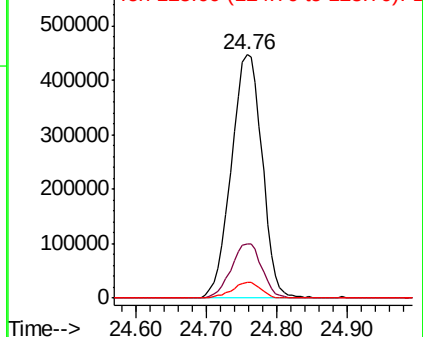
252 100

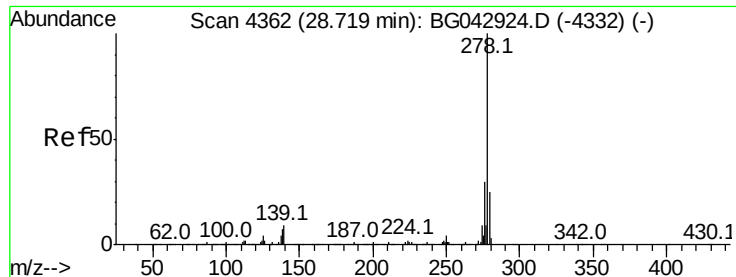
253 22.5 18.2 27.4

125 6.7 5.0 7.6



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

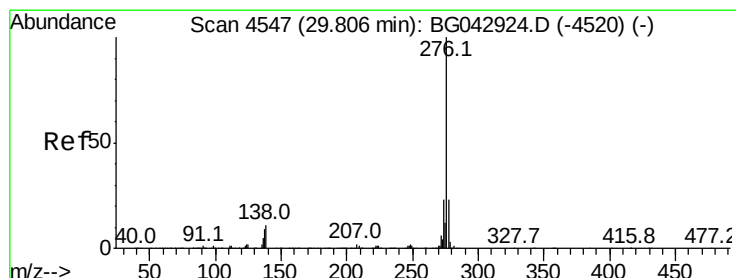
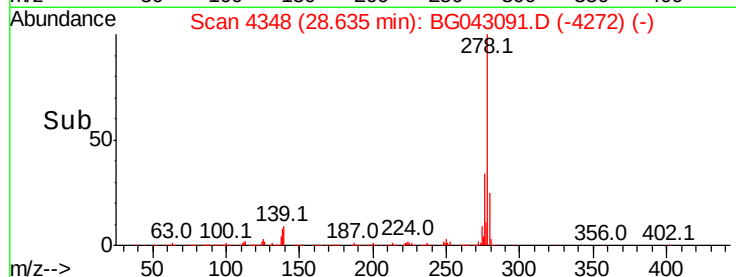
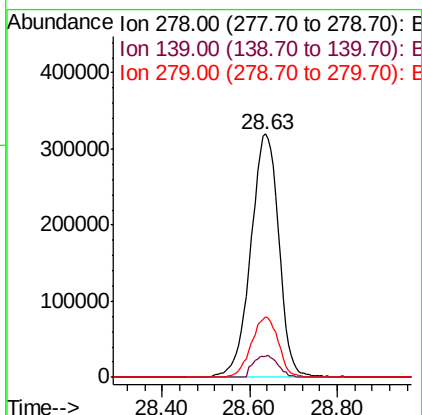
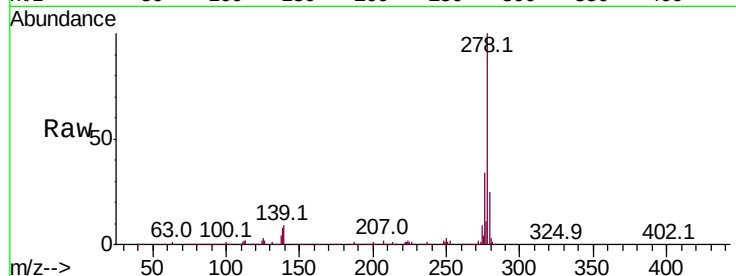




#91
Dibenzo(a,h)anthracene
Concen: 50.086 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.08 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1396200
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 24.8 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 50.750 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.09 min
Lab File: BG043091.D
Acq: 8 Oct 2019 18:39

Tgt Ion:276 Resp: 1370722
Ion Ratio Lower Upper
276 100
277 25.6 18.4 27.6
138 11.6 8.6 12.8

