

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045749.D
 Acq On : 12 Jun 2020 20:44
 Operator : CG/JU
 Sample : L2993-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

Quant Time: Jun 12 23:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	56695	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	222812	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	150975	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	346429	20.00	ng	0.00
76) Chrysene-d12	21.60	240	315391	20.00	ng	0.00
87) Perylene-d12	24.74	264	345982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	185337	63.89	ng	0.03
7) Phenol-d6	7.18	99	154378	37.39	ng	0.03
23) Nitrobenzene-d5	9.11	82	420665	102.95	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	290407	150.41	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	904972	101.67	ng	0.00
79) Terphenyl-d14	19.96	244	1460720	108.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	22738	15.806	ng	# 88
3) Pyridine	3.81	79	65434	16.332	ng	94
4) n-Nitrosodimethylamine	3.73	42	27779	21.188	ng	# 84
6) Aniline	7.28	93	156798	29.090	ng	95
8) 2-Chlorophenol	7.54	128	134620	42.315	ng	99
9) Benzaldehyde	7.08	77	115426	42.906	ng	95
10) Phenol	7.20	94	65997	15.508	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	168255	50.689	ng	94
12) 1,3-Dichlorobenzene	7.84	146	189712	49.623	ng	98
13) 1,4-Dichlorobenzene	7.98	146	192911	51.131	ng	99
14) 1,2-Dichlorobenzene	8.30	146	180531	49.750	ng	96
15) Benzyl Alcohol	8.20	79	110689	32.451	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	156535	49.681	ng	99
17) 2-Methylphenol	8.44	107	96681	30.353	ng	92
18) Hexachloroethane	9.03	117	72882	50.438	ng	91
19) n-Nitroso-di-n-propylamine	8.75	70	153864	53.887	ng	96
20) 3+4-Methylphenols	8.77	107	110524	25.481	ng	# 8
22) Acetophenone	8.77	105	268595	50.862	ng	# 96
24) Nitrobenzene	9.15	77	228893	52.287	ng	97
25) Isophorone	9.68	82	417063	51.830	ng	99
26) 2-Nitrophenol	9.87	139	95456	50.973	ng	96
27) 2,4-Dimethylphenol	9.96	122	125824	45.301	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	223897	53.056	ng	99
29) 2,4-Dichlorophenol	10.44	162	162848	49.651	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	199523	51.481	ng	97
31) Naphthalene	10.80	128	543406	52.337	ng	99
32) Benzoic acid	10.10	122	20355	18.548	ng	94
33) 4-Chloroaniline	10.93	127	130524	30.074	ng	97
34) Hexachlorobutadiene	11.09	225	136261	49.738	ng	95
35) Caprolactam	11.70	113	8616	7.157	ng	93
36) 4-Chloro-3-methylphenol	12.10	107	166348	45.009	ng	97
37) 2-Methylnaphthalene	12.41	142	415001	53.626	ng	98
38) 1-Methylnaphthalene	12.64	142	390517	53.421	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	225629	53.505	ng	99

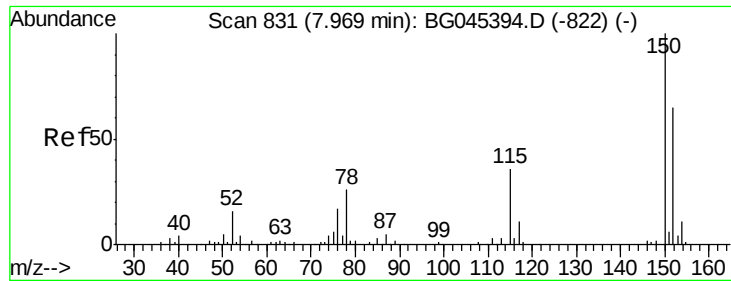
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045749.D
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	320331	131.609	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	154980	52.906	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	164523	49.148	ng	98
46) 1,1'-Biphenyl	13.42	154	511827	55.173	ng	100
47) 2-Chloronaphthalene	13.47	162	399831	53.077	ng	97
48) 2-Nitroaniline	13.68	65	132582	53.505	ng	90
49) Acenaphthylene	14.31	152	641591	53.024	ng	99
50) Dimethylphthalate	14.05	163	687520	66.384	ng	98
51) 2,6-Dinitrotoluene	14.17	165	122946	52.608	ng	95
52) Acenaphthene	14.66	154	386787	47.755	ng	98
53) 3-Nitroaniline	14.52	138	85964	36.185	ng	91
54) 2,4-Dinitrophenol	14.72	184	121130	79.183	ng	98
55) Dibenzofuran	14.99	168	625497	52.004	ng	97
56) 4-Nitrophenol	14.90	139	44867	24.945	ng	86
57) 2,4-Dinitrotoluene	14.96	165	172228	50.886	ng	96
58) Fluorene	15.64	166	526632	53.295	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	160930	54.644	ng	98
60) Diethylphthalate	15.42	149	544031	50.468	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	289925	51.273	ng	99
62) 4-Nitroaniline	15.69	138	94101	37.942	ng	95
63) Azobenzene	15.93	77	531822	52.910	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	104566	51.827	ng	94
66) n-Nitrosodiphenylamine	15.86	169	440974	53.016	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	198343	52.874	ng	98
68) Hexachlorobenzene	16.65	284	214251	54.607	ng	96
69) Atrazine	16.81	200	168558	49.200	ng	97
70) Pentachlorophenol	17.01	266	211424	103.780	ng	99
71) Phenanthrene	17.38	178	818755	54.138	ng	100
72) Anthracene	17.48	178	845637	55.680	ng	99
73) Carbazole	17.75	167	751487	50.762	ng	99
74) Di-n-butylphthalate	18.31	149	908752	51.143	ng	99
75) Fluoranthene	19.39	202	999061	51.936	ng	99
77) Benzidine	19.59	184	170268	19.222	ng	99
78) Pyrene	19.76	202	991314	55.139	ng	99
80) Butylbenzylphthalate	20.64	149	406430	52.374	ng	98
81) Benzo(a)anthracene	21.58	228	959516	54.613	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	309904	44.967	ng	96
83) Chrysene	21.65	228	932558	55.202	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	573054	53.721	ng	99
85) Di-n-octyl phthalate	22.68	149	975081	53.221	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1177516	53.302	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1034614	55.758	ng	100
89) Benzo(k)fluoranthene	23.82	252	970279	55.659	ng	99
90) Benzo(a)pyrene	24.60	252	938837	54.327	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	969667	55.838	ng	99
92) Benzo(g,h,i)perylene	29.44	276	963683	55.486	ng	96

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

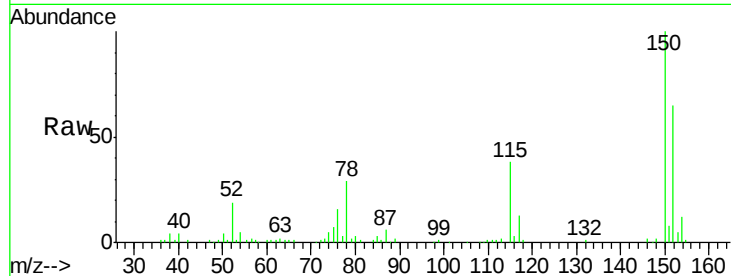


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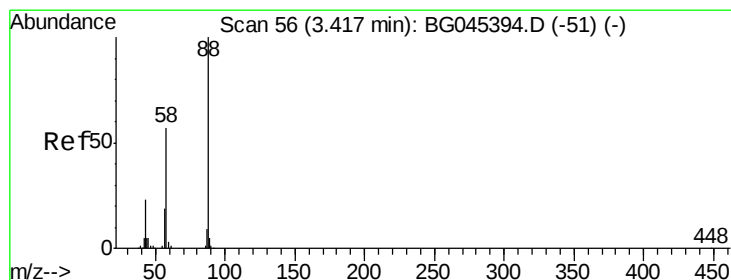
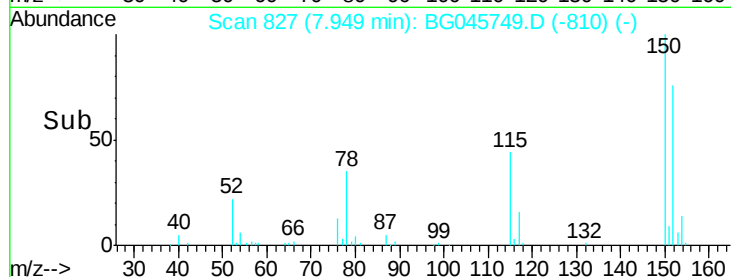
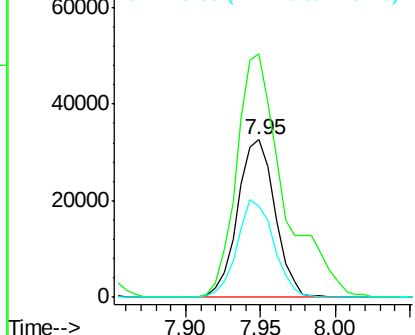
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion:152 Resp: 56695
Ion Ratio Lower Upper
152 100
150 154.5 122.4 183.6
115 58.1 44.2 66.4



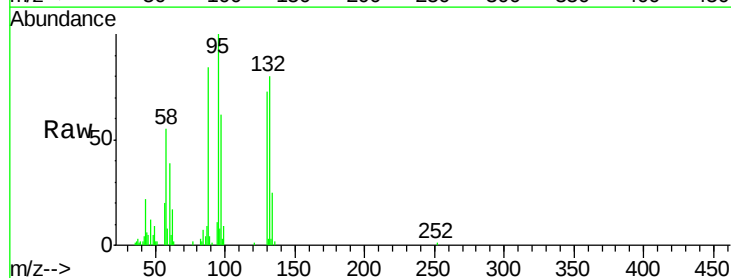
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



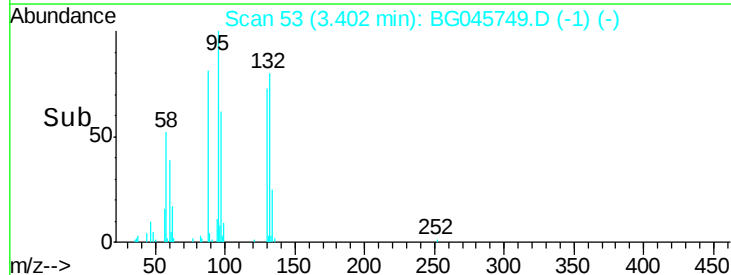
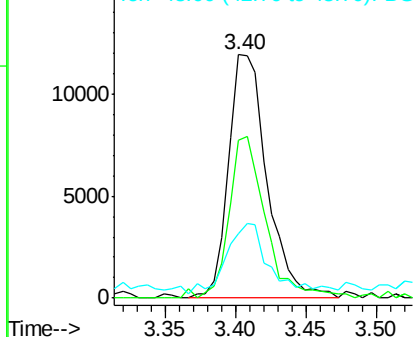
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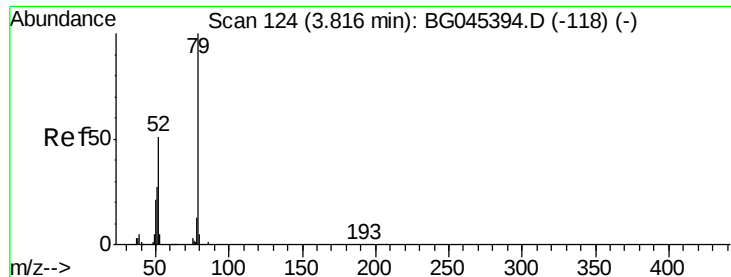
1,4-Dioxane
Concen: 15.806 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion: 88 Resp: 22738
Ion Ratio Lower Upper
88 100
58 62.7 45.7 68.5
43 31.6 16.8 25.2#



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: 16.332 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

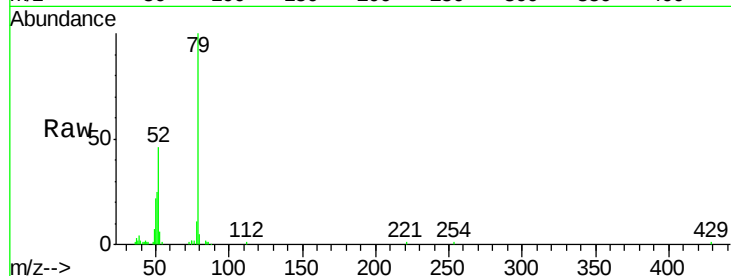
Tot Ion: 79 Resp: 65434

Ion Ratio Lower Upper

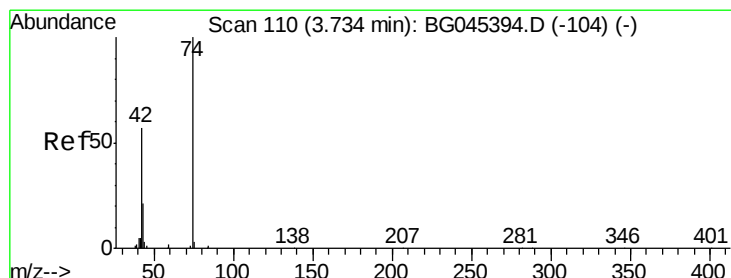
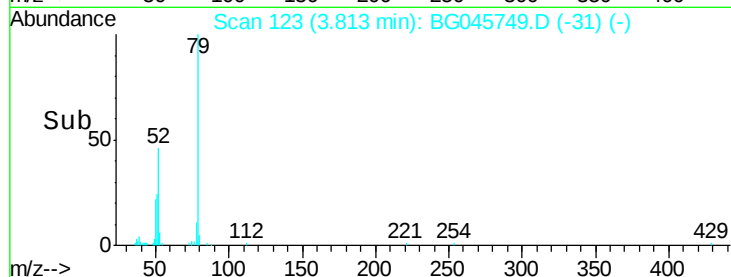
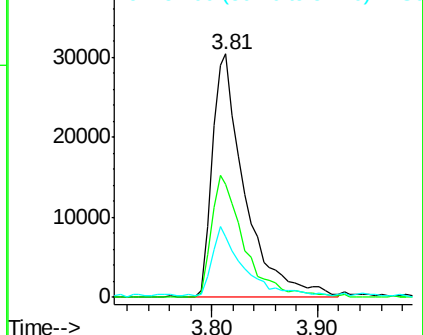
79 100

52 46.3 40.8 61.2

51 25.0 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 21.188 ng

RT: 3.73 min Scan# 108

Delta R.T. 0.02 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

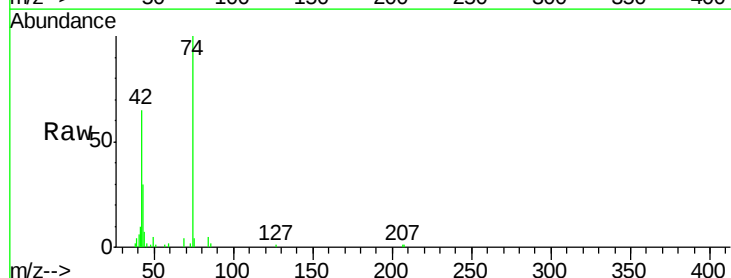
Tgt Ion: 42 Resp: 27779

Ion Ratio Lower Upper

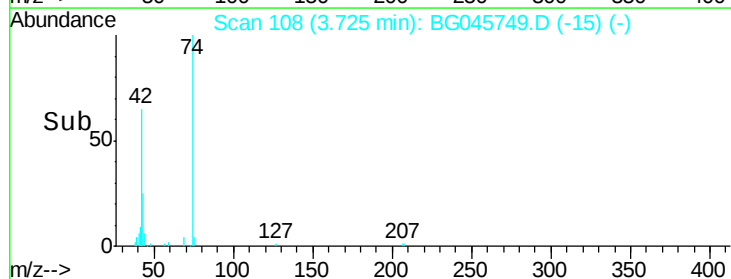
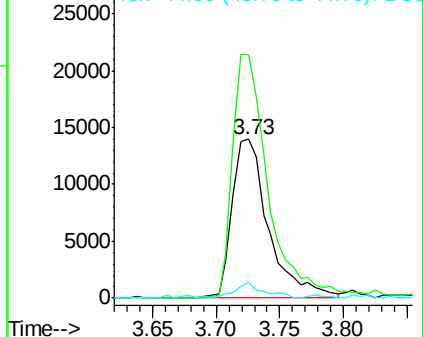
42 100

74 153.5 141.3 211.9

44 10.2 4.2 6.4#



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: 63.886 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.03 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

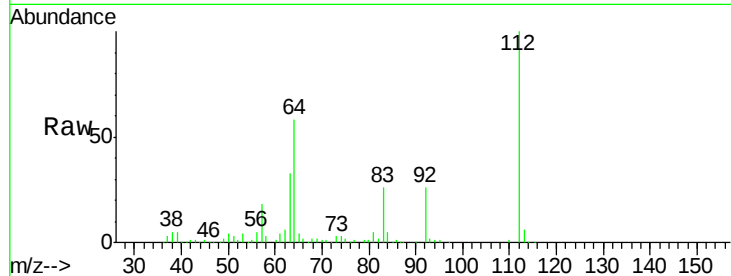
Tot Ion:112 Resp: 185337

Ion Ratio Lower Upper

112 100

64 57.8 48.6 72.8

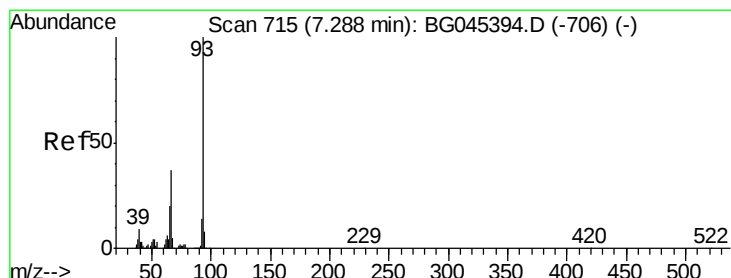
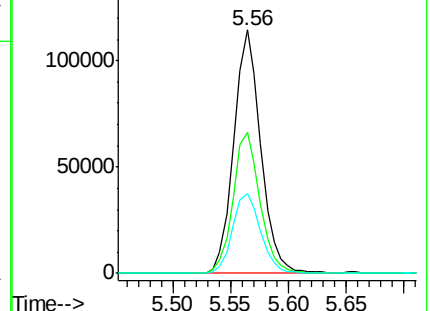
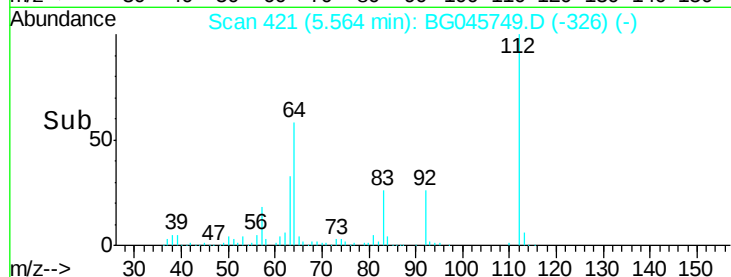
63 32.9 26.5 39.7



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: 29.090 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

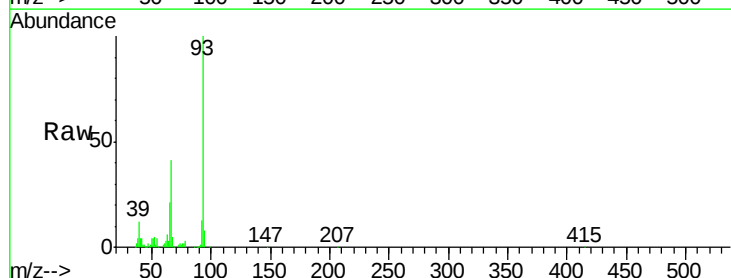
Tgt Ion: 93 Resp: 156798

Ion Ratio Lower Upper

93 100

66 41.1 29.6 44.4

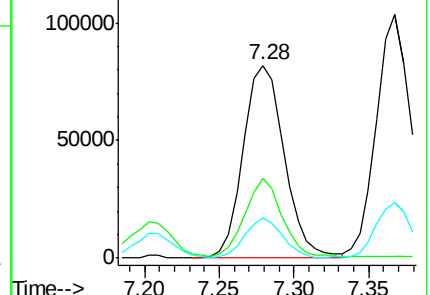
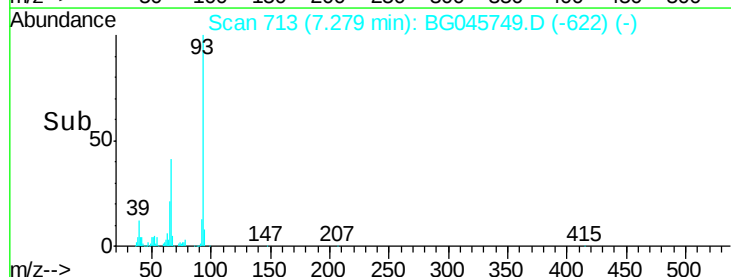
65 20.9 15.9 23.9



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: 37.388 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

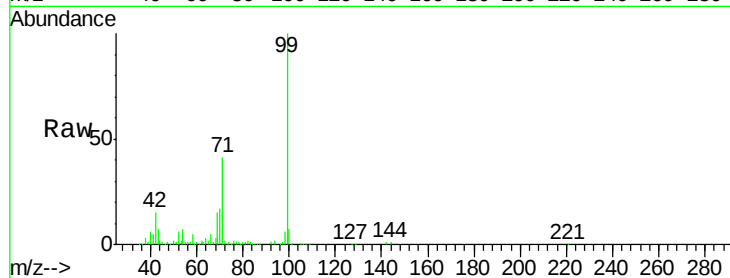
Tot Ion: 99 Resp: 154378

Ion Ratio Lower Upper

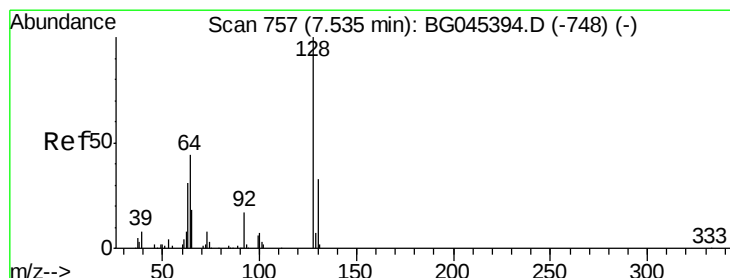
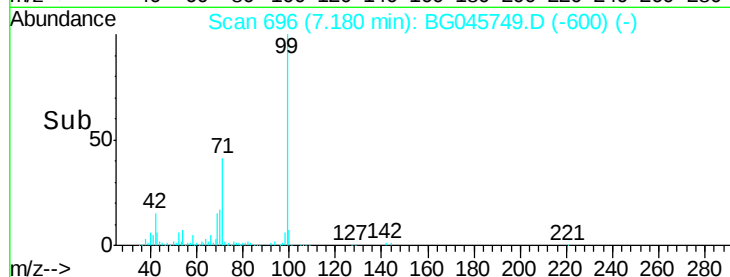
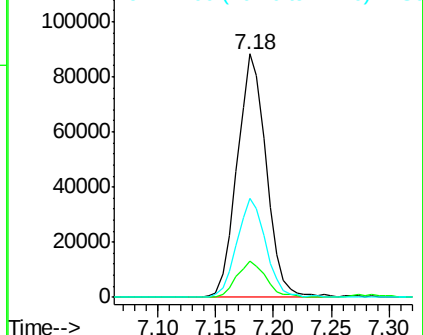
99 100

42 14.9 11.3 16.9

71 40.5 30.8 46.2



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: 42.315 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

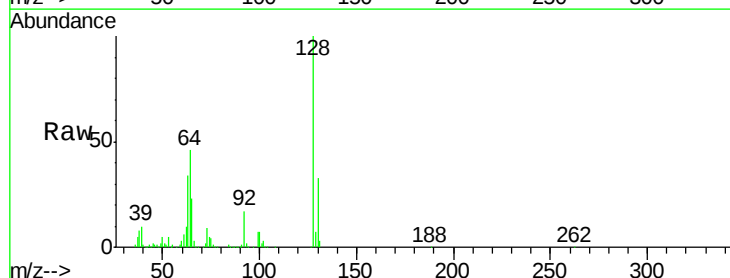
Tgt Ion: 128 Resp: 134620

Ion Ratio Lower Upper

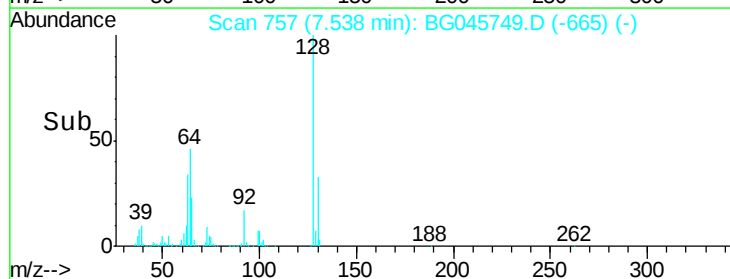
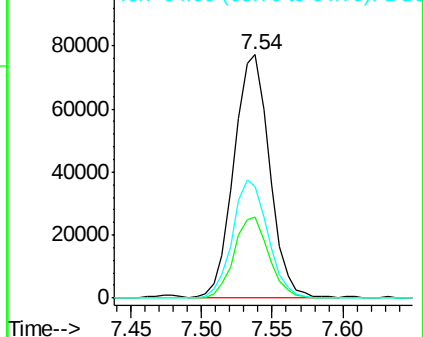
128 100

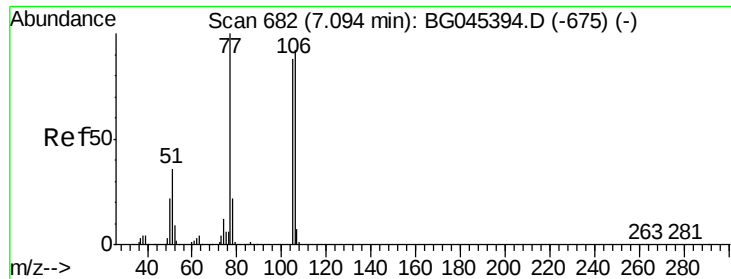
130 33.1 12.6 52.6

64 46.0 27.0 67.0



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: 42.906 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

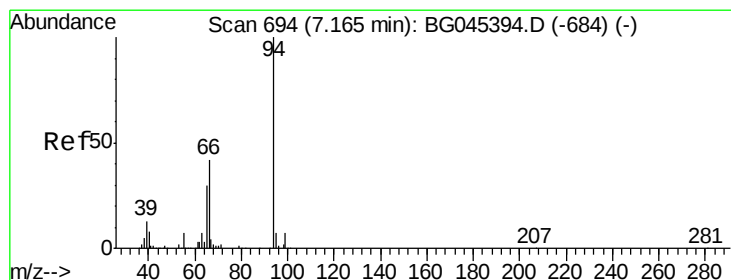
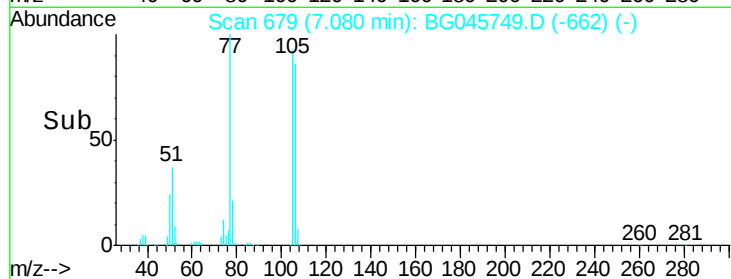
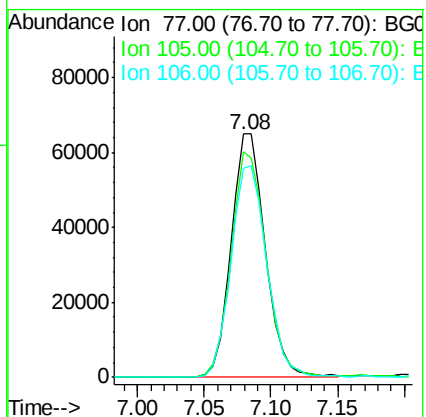
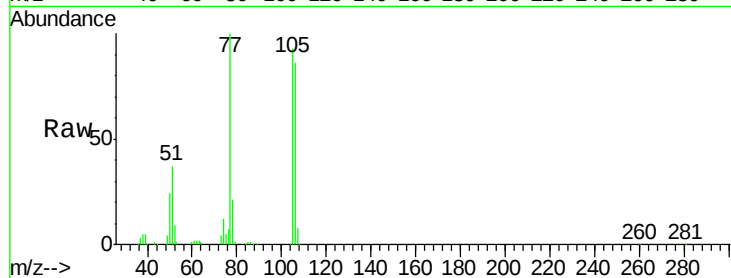
Tot Ion: 77 Resp: 115426

Ion Ratio Lower Upper

77 100

105 92.6 68.5 108.5

106 85.8 71.6 111.6



#10

Phenol

Concen: 15.508 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.03 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

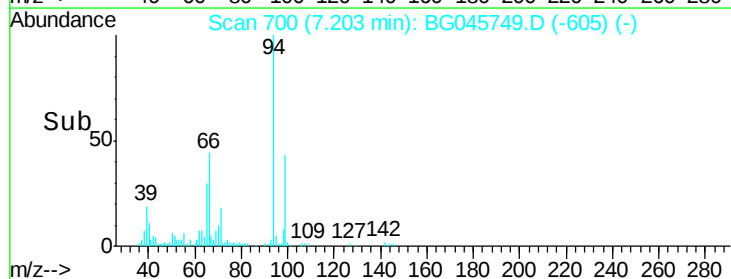
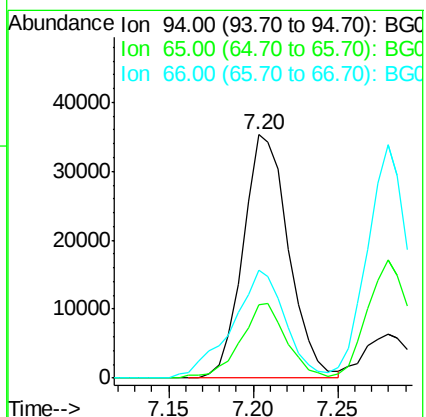
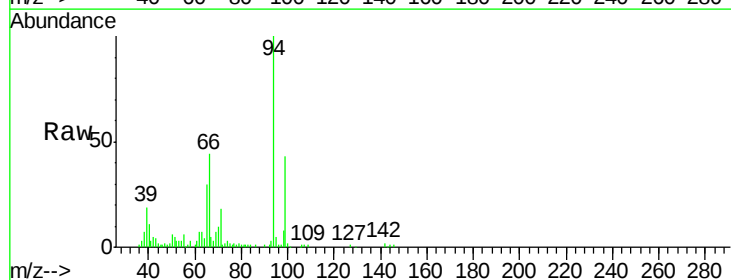
Tgt Ion: 94 Resp: 65997

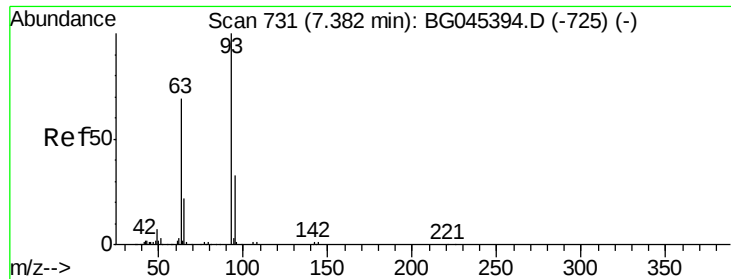
Ion Ratio Lower Upper

94 100

65 30.0 9.8 49.8

66 44.2 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 50.689 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

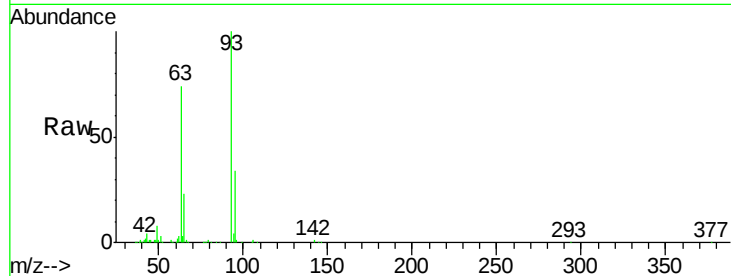
Tot Ion: 93 Resp: 168255

Ion Ratio Lower Upper

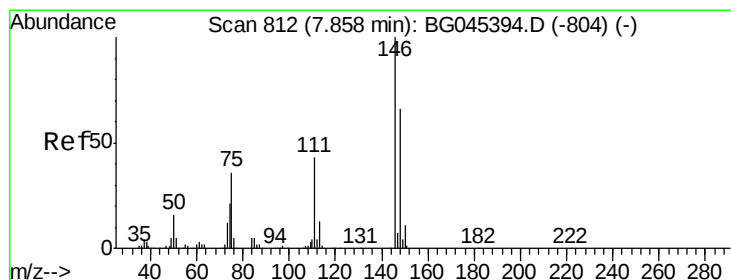
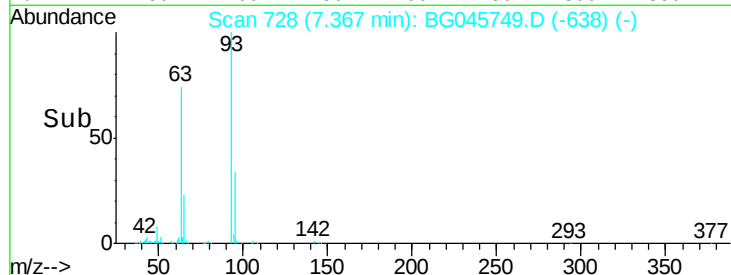
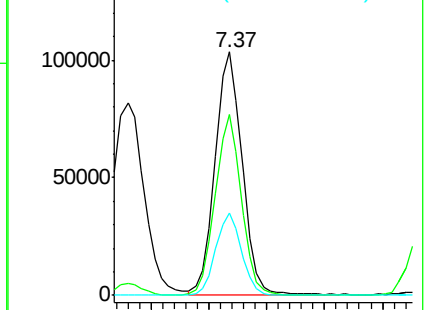
93 100

63 74.4 48.4 88.4

95 33.8 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 49.623 ng

RT: 7.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

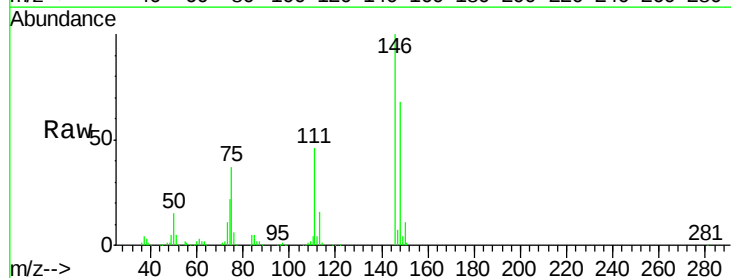
Tgt Ion: 146 Resp: 189712

Ion Ratio Lower Upper

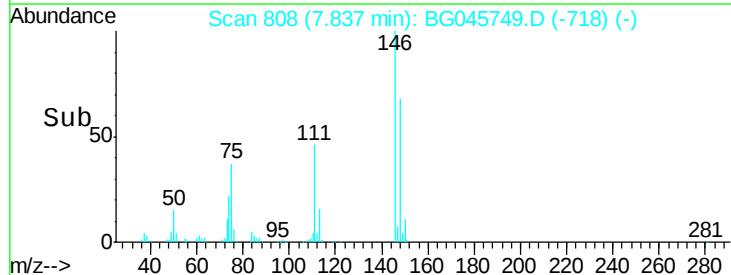
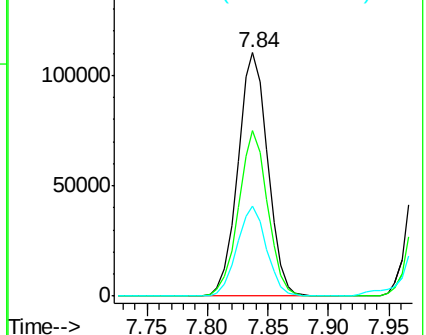
146 100

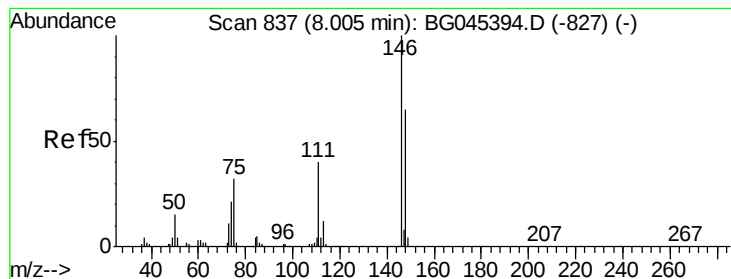
148 67.8 53.2 79.8

75 37.0 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 51.131 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

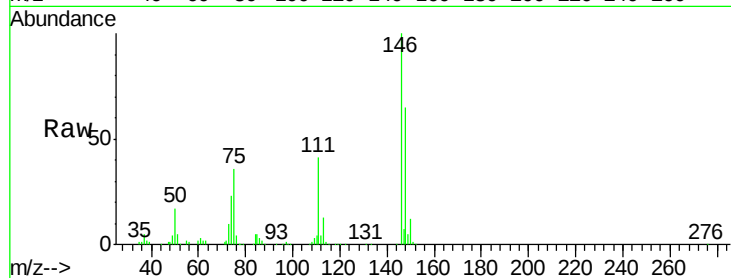
Tot Ion:146 Resp: 192911

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

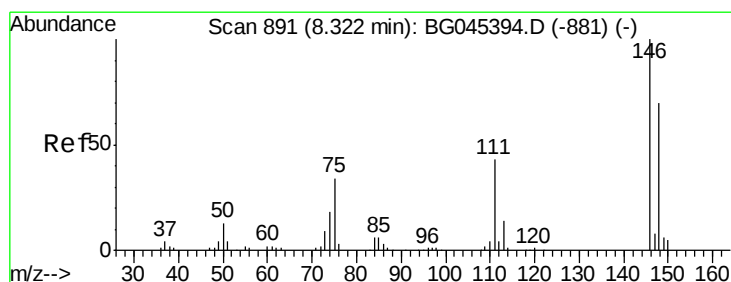
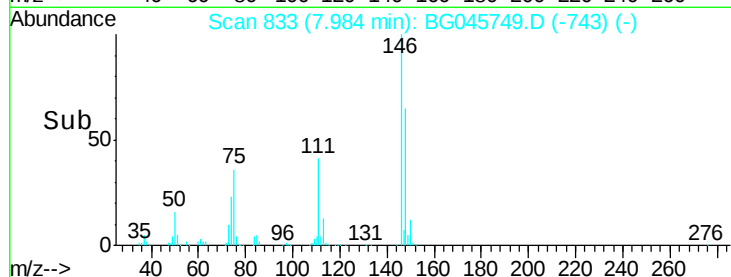
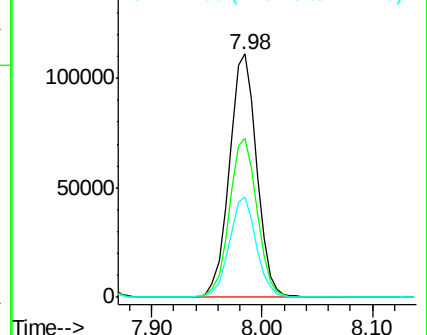
111 41.1 32.1 48.1



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: 49.750 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

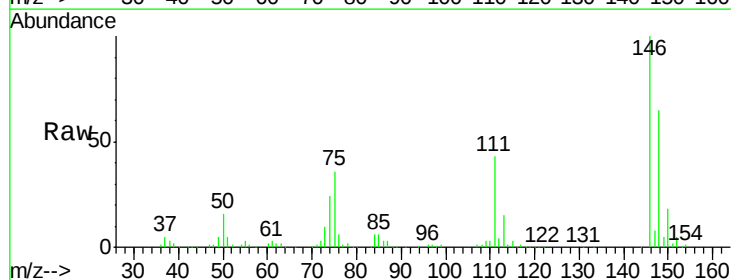
Tgt Ion:146 Resp: 180531

Ion Ratio Lower Upper

146 100

148 65.2 55.9 83.9

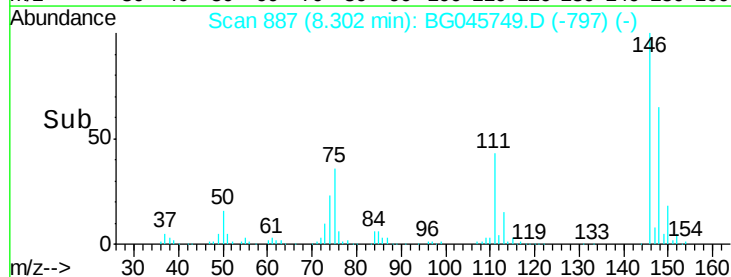
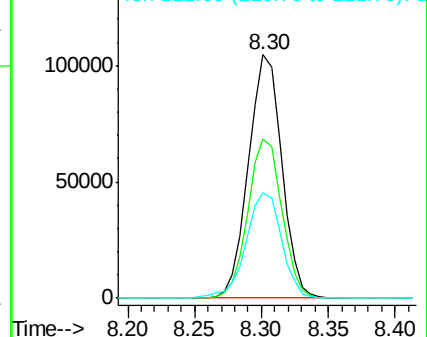
111 43.3 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.451 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

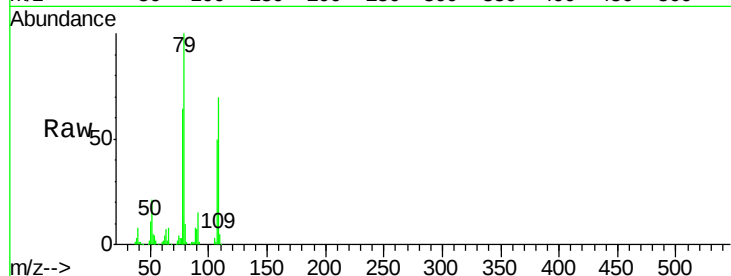
Tot Ion: 79 Resp: 110689

Ion Ratio Lower Upper

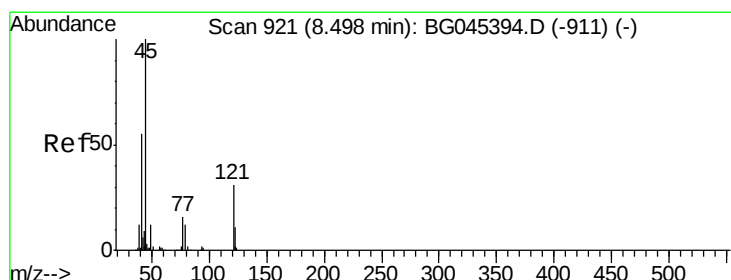
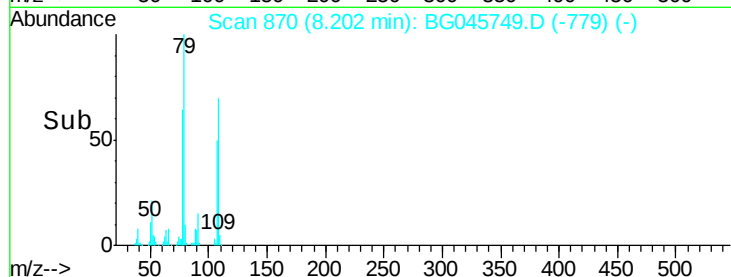
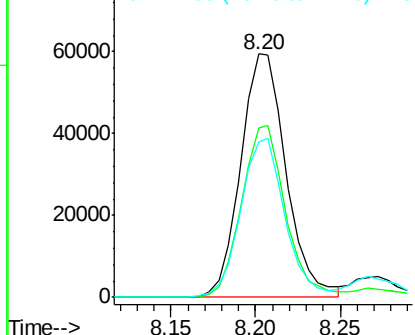
79 100

108 69.7 58.2 87.4

77 64.0 51.0 76.4



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: 49.681 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

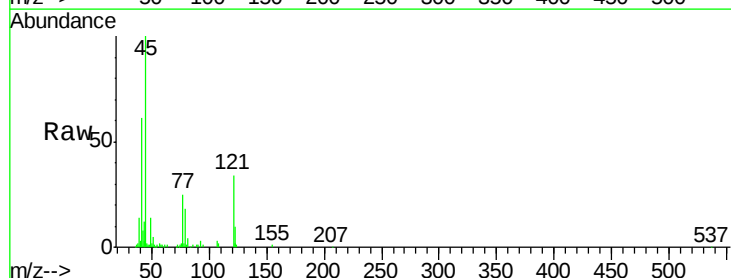
Tgt Ion: 45 Resp: 156535

Ion Ratio Lower Upper

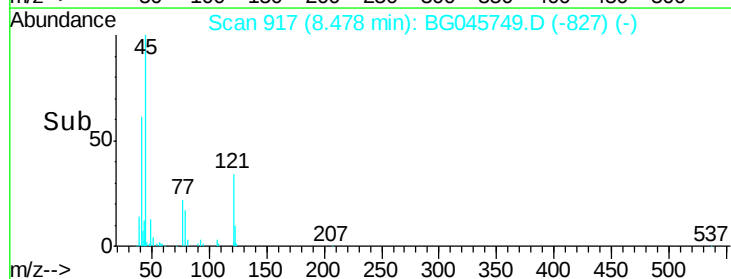
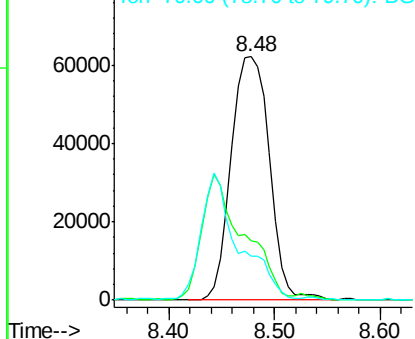
45 100

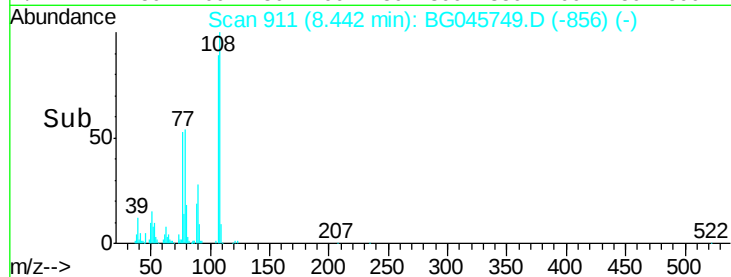
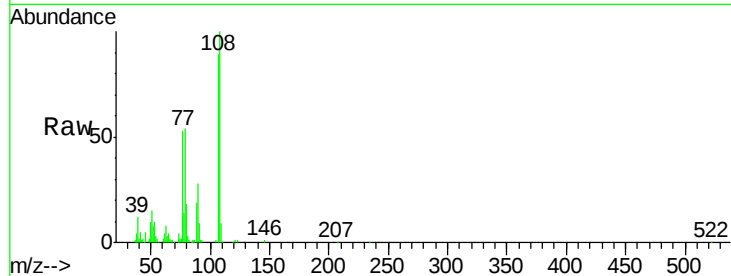
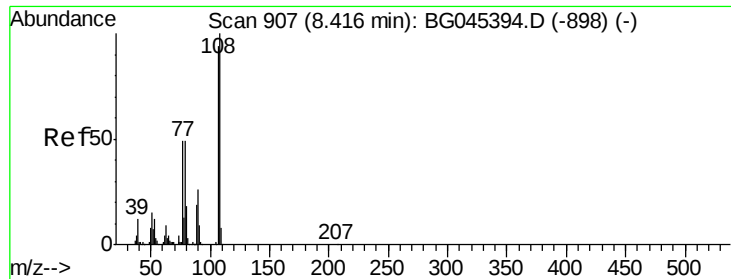
77 24.5 4.0 44.0

79 18.0 0.0 38.6



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: 30.353 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.02 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:107 Resp: 96681

Ion Ratio Lower Upper

107 100

108 111.7 85.2 127.8

77 58.9 41.6 62.4

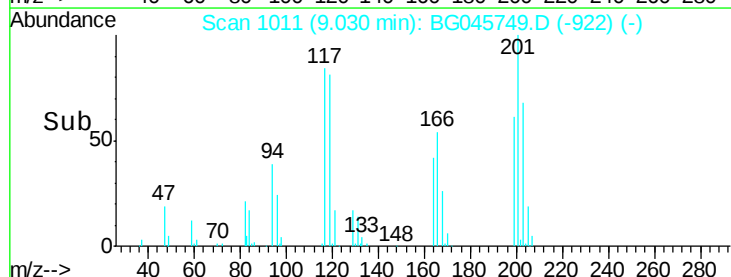
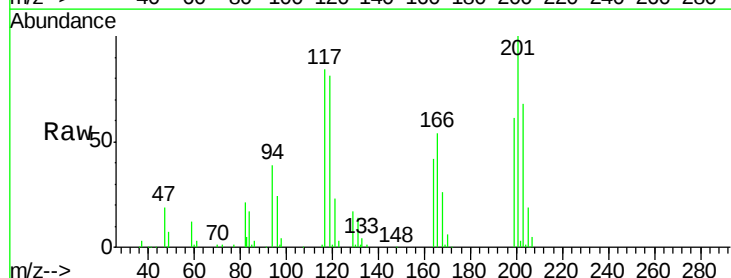
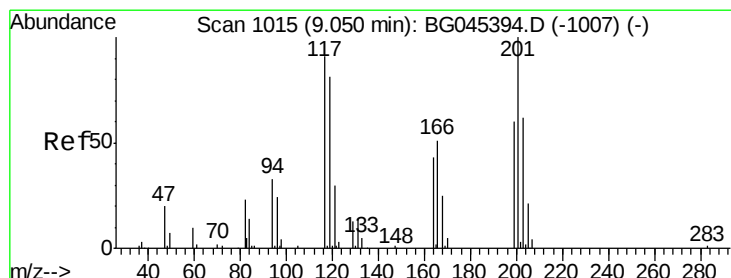
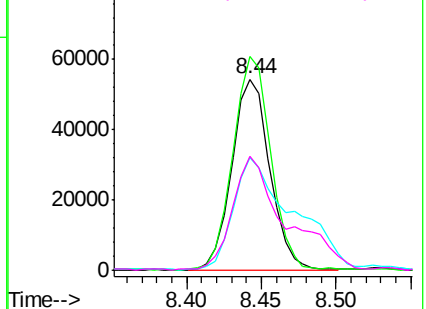
79 59.8 41.8 62.8

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 50.438 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:117 Resp: 72882

Ion Ratio Lower Upper

117 100

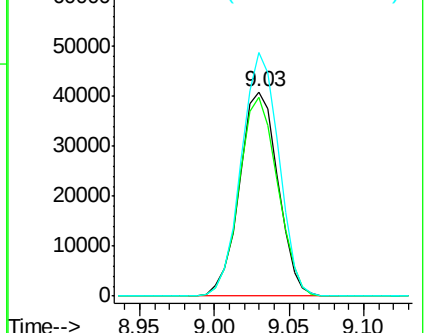
119 97.2 71.3 106.9

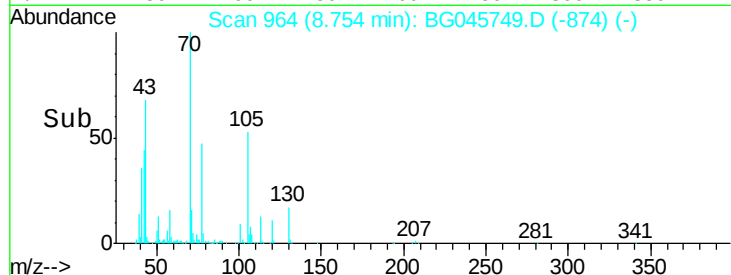
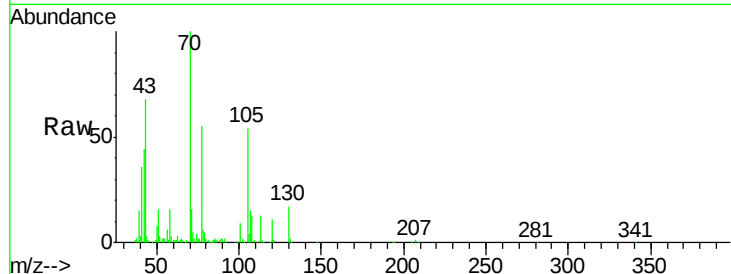
201 119.4 87.5 131.3

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

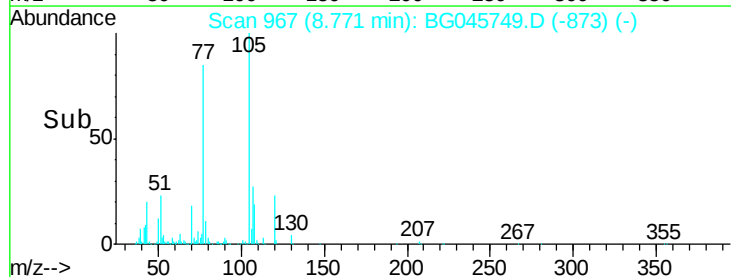
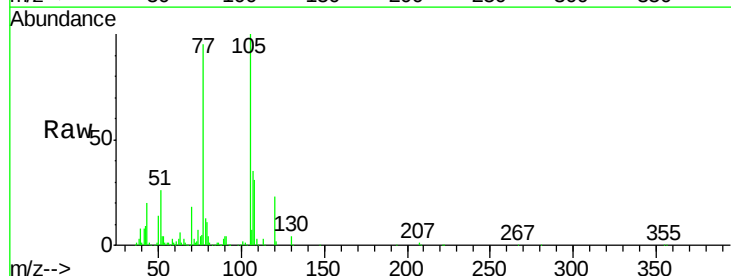
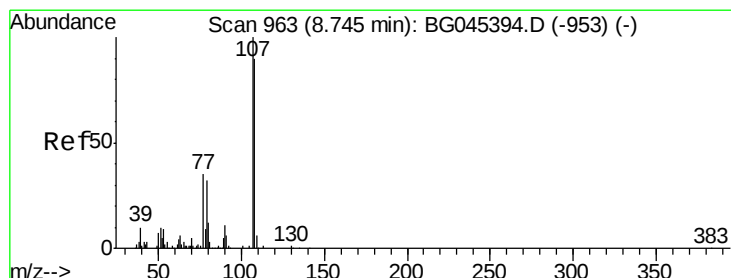
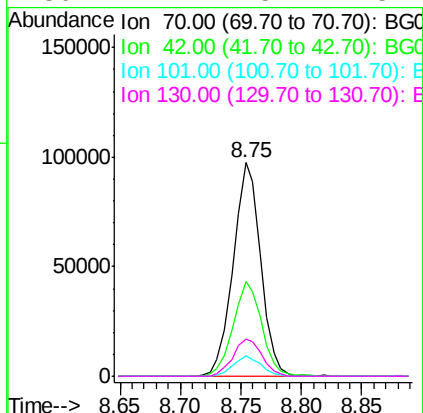




#19
n-Nitroso-di-n-propylamine
Concen: 53.887 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

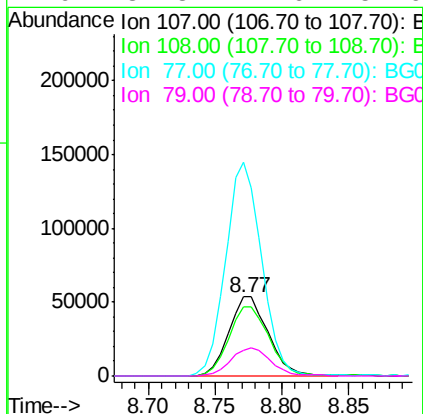
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

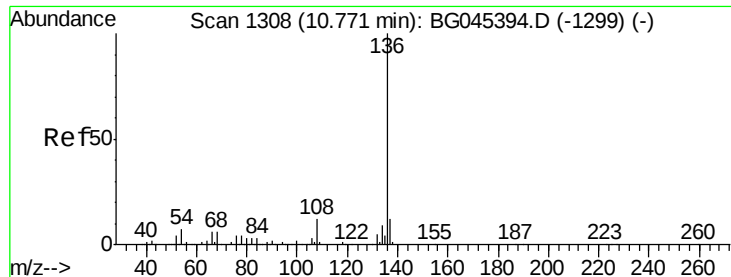
Tot Ion:	70	Resp:	153864
Ion	Ratio	Lower	Upper
70	100		
42	44.3	33.2	49.8
101	9.4	7.8	11.6
130	17.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 25.481 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion:	107	Resp:	110524
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.3	110.3
77	269.4	15.4	55.4#
79	31.8	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:136 Resp: 222812

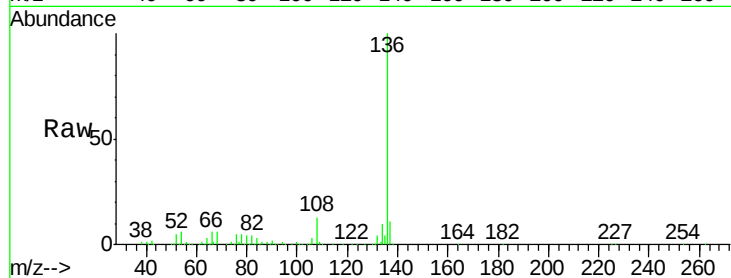
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.2

54 5.7 5.8 8.6#

68 5.6 4.5 6.7

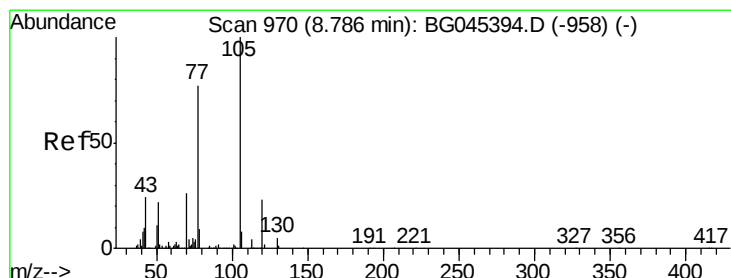
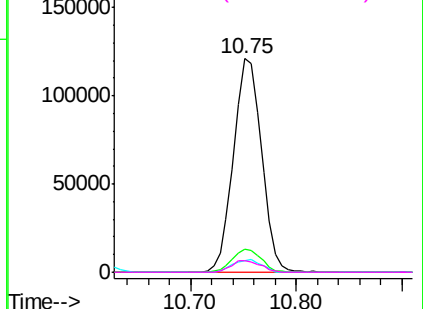
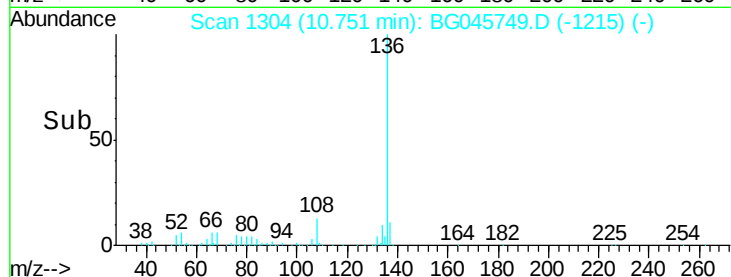


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 50.862 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:105 Resp: 268595

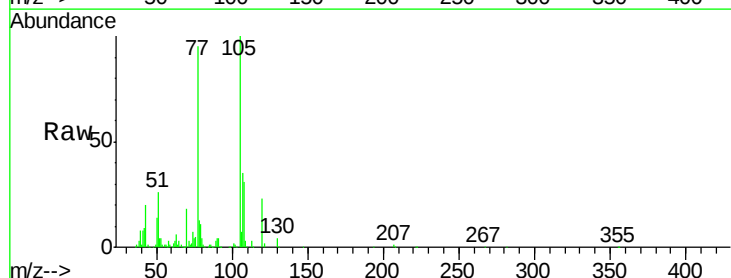
Ion Ratio Lower Upper

105 100

71 2.8 3.4 5.0#

51 26.3 18.2 27.2

120 23.3 18.6 27.8

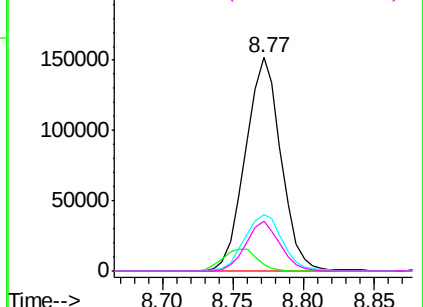
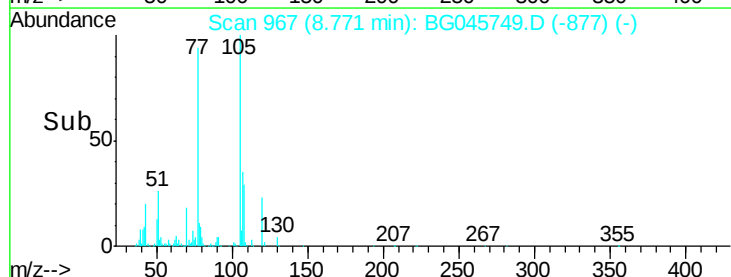


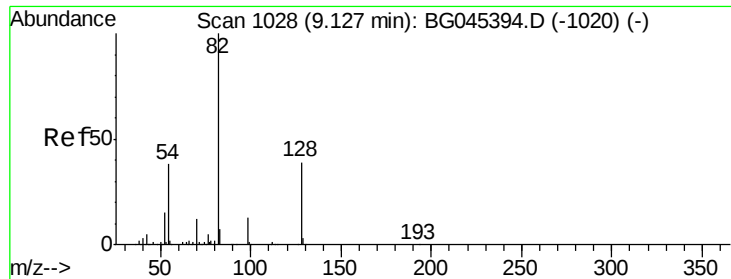
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

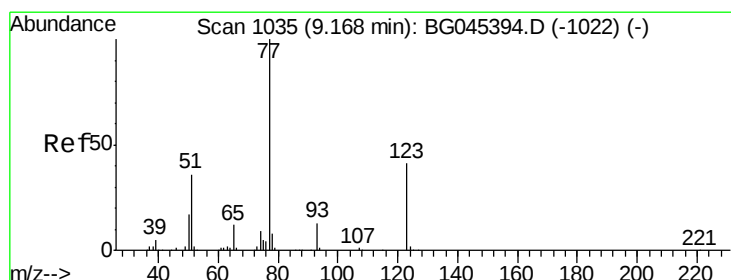
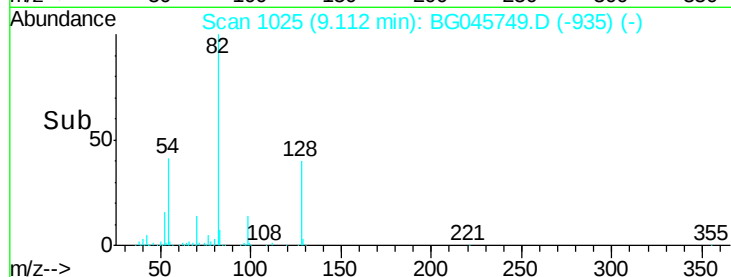
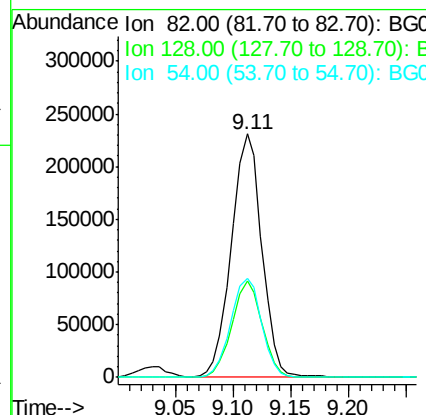
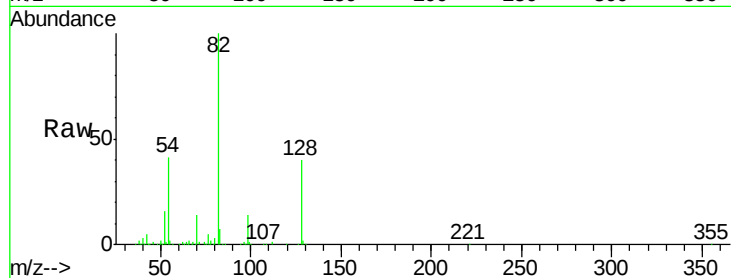




#23
Nitrobenzene-d5
Concen: 102.955 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

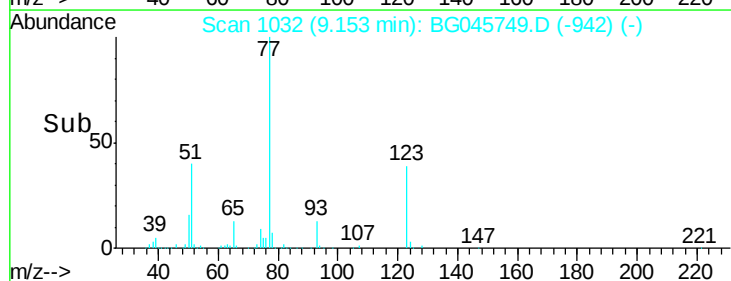
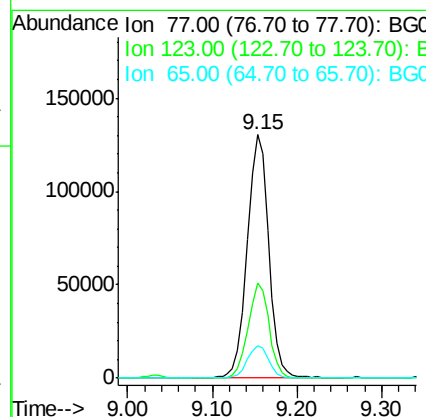
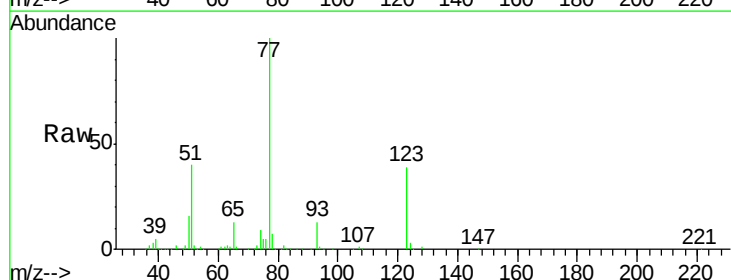
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

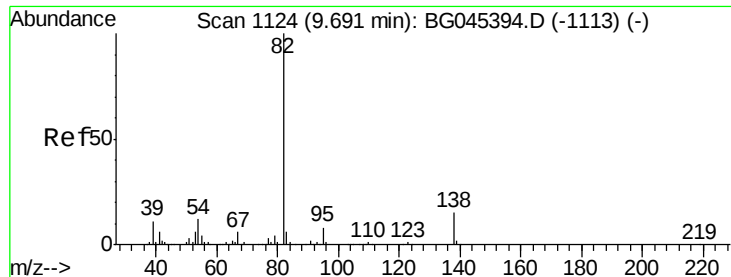
Tot Ion	82	Resp	420665
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.9	46.3
54	40.8	30.3	45.5



#24
Nitrobenzene
Concen: 52.287 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion	77	Resp	228893
Ion Ratio	Lower	Upper	
77	100		
123	39.2	32.9	49.3
65	13.4	9.4	14.2





#25

Isophorone

Concen: 51.830 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

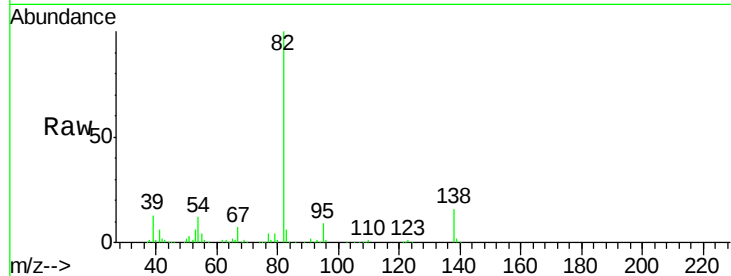
Tot Ion: 82 Resp: 417063

Ion Ratio Lower Upper

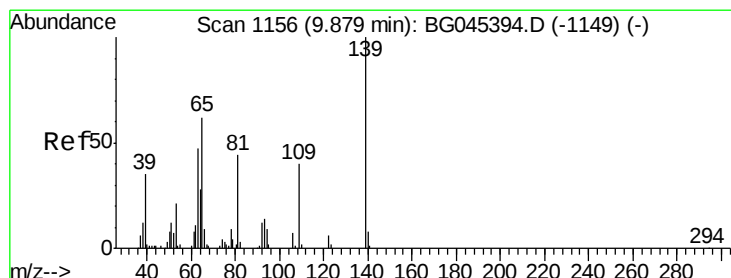
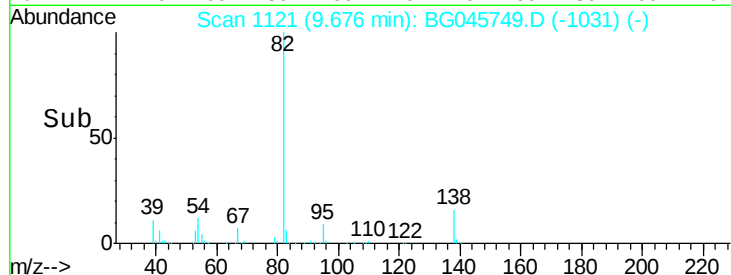
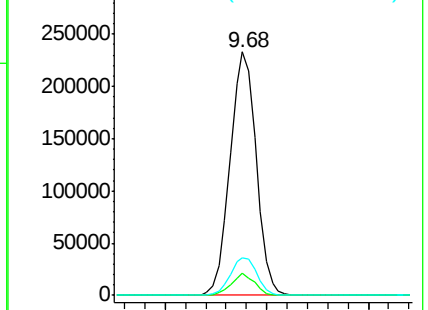
82 100

95 9.1 6.7 10.1

138 15.6 12.2 18.4



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: 50.973 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

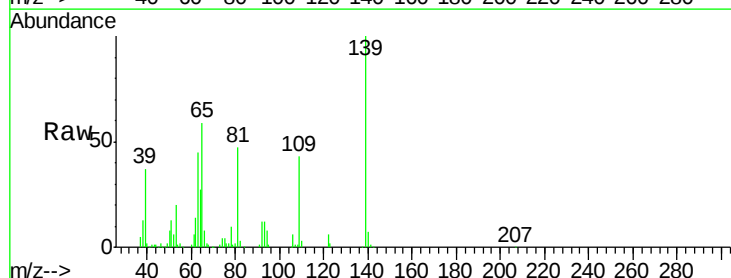
Tgt Ion: 139 Resp: 95456

Ion Ratio Lower Upper

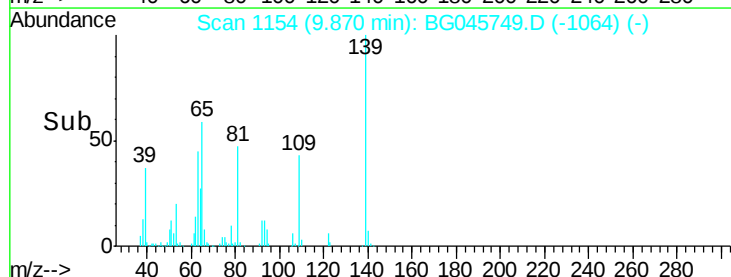
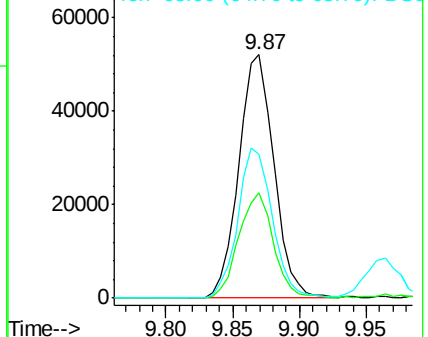
139 100

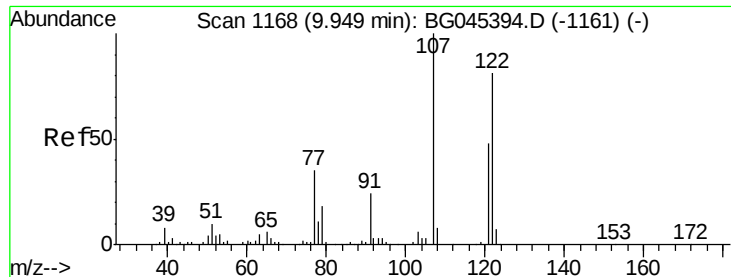
109 43.1 32.2 48.4

65 58.9 49.6 74.4



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

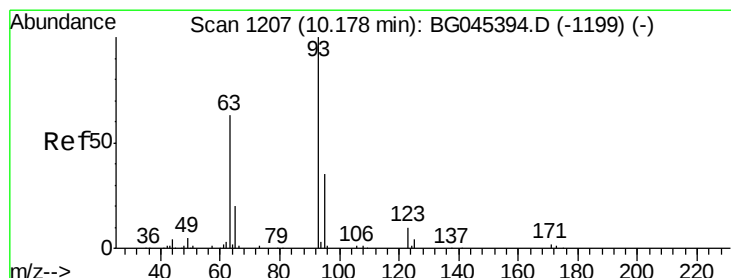
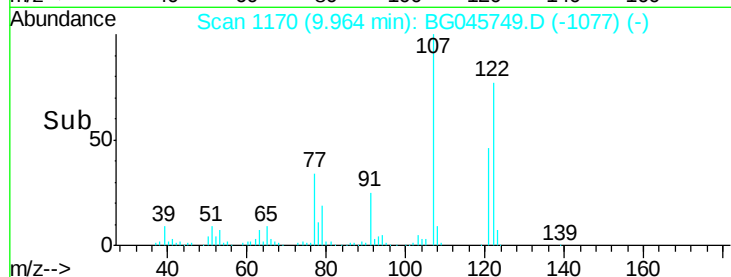
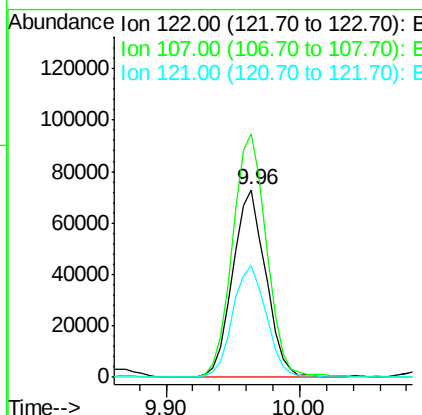
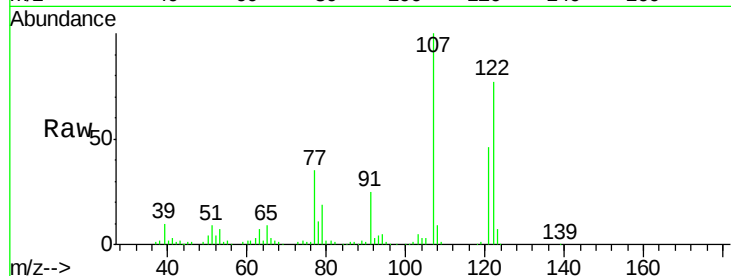




#27
 2,4-Dimethylphenol
 Concen: 45.301 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

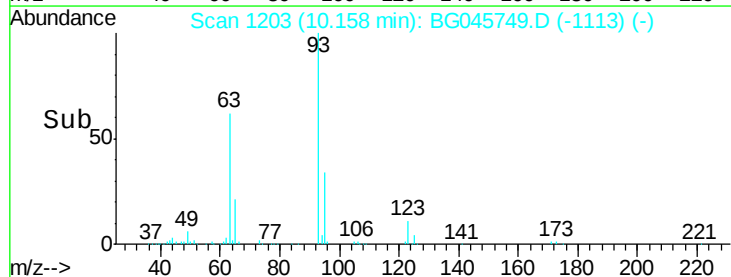
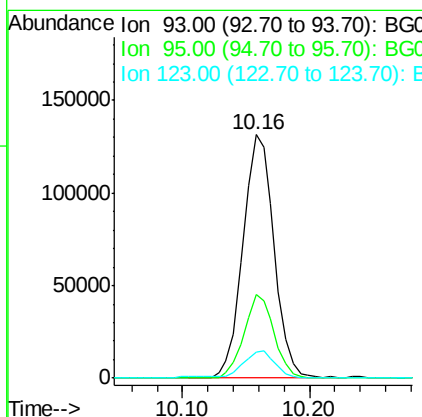
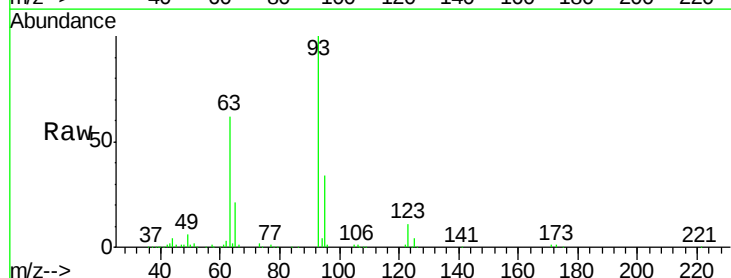
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion:122 Resp: 125824
 Ion Ratio Lower Upper
 122 100
 107 129.7 99.0 148.4
 121 59.6 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.056 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Tgt Ion: 93 Resp: 223897
 Ion Ratio Lower Upper
 93 100
 95 34.5 27.6 41.4
 123 10.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 49.651 ng

RT: 10.44 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

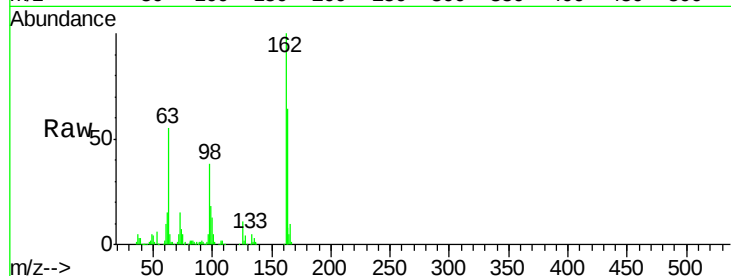
Tot Ion:162 Resp: 162848

Ion Ratio Lower Upper

162 100

164 64.3 46.8 86.8

98 37.5 15.2 55.2

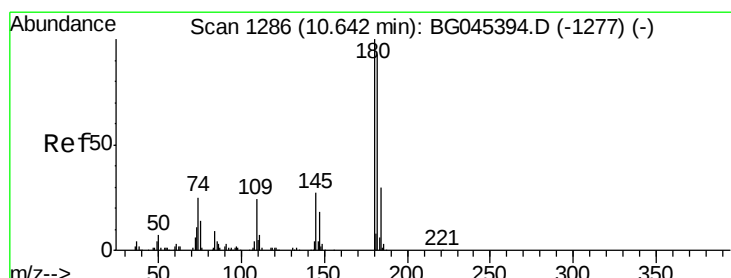
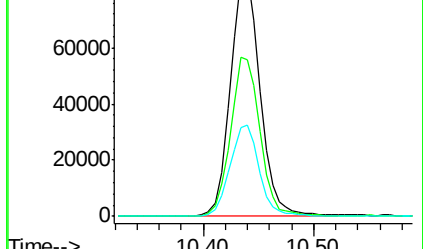
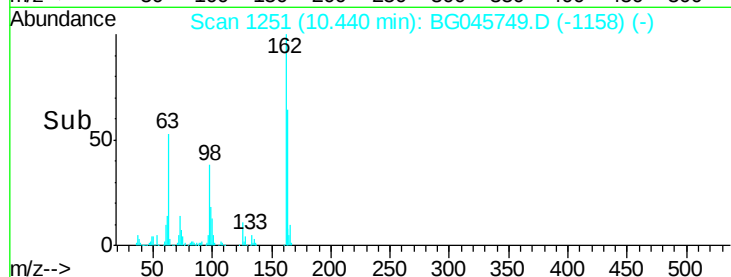


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 51.481 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

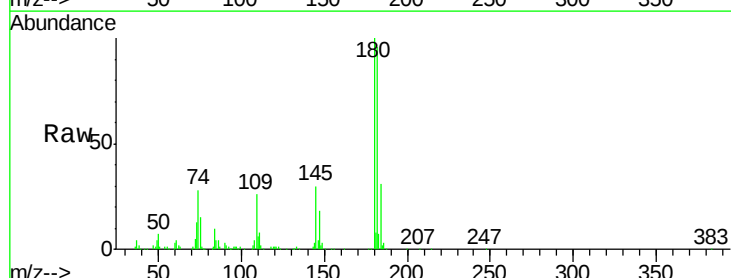
Tgt Ion:180 Resp: 199523

Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

145 29.7 21.9 32.9

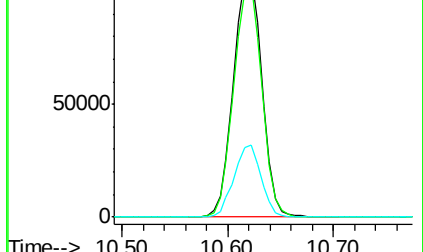
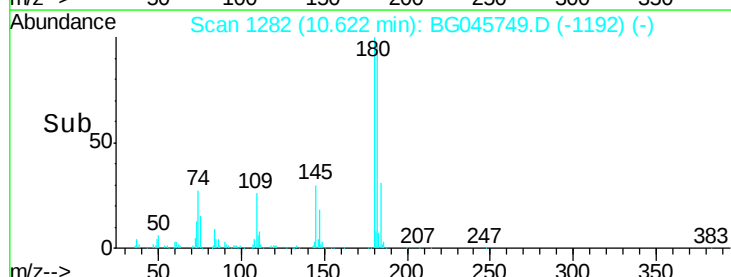


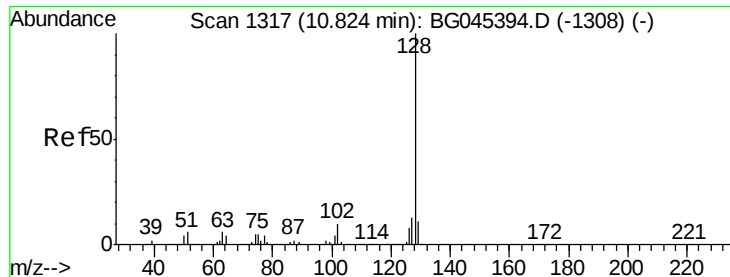
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

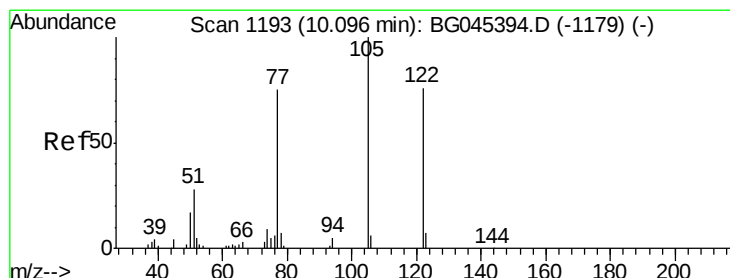
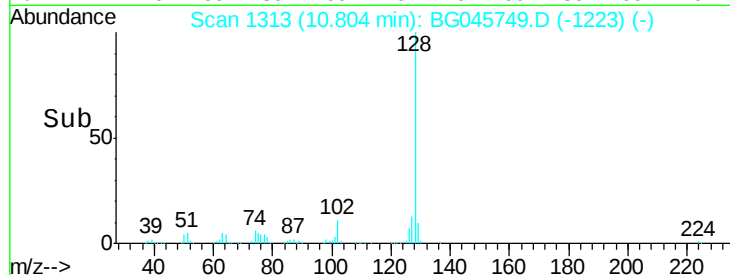
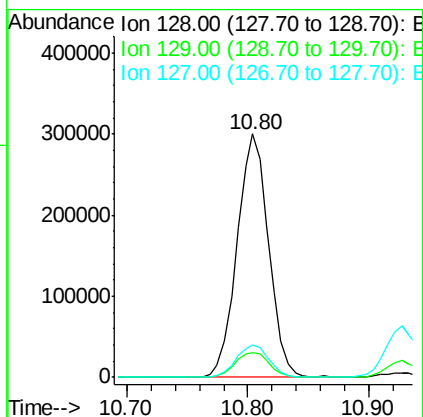
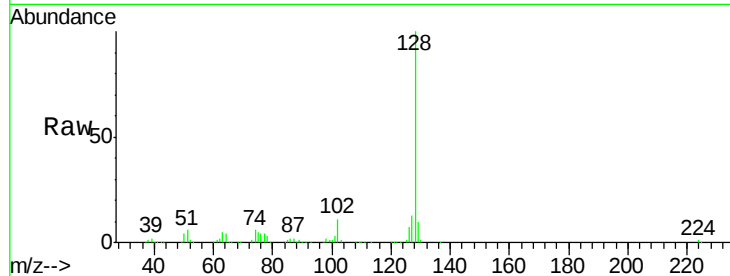




#31
Naphthalene
Concen: 52.337 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

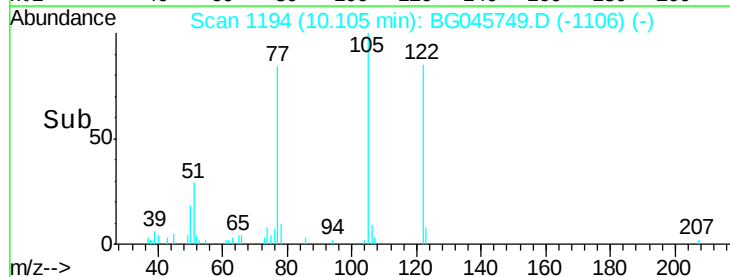
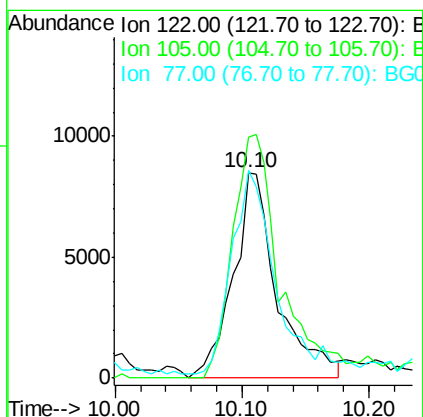
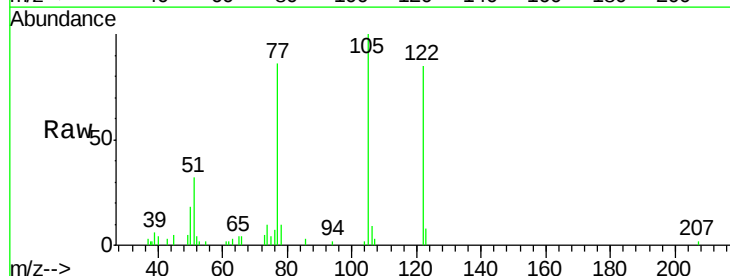
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	13.4	10.7	16.1



#32
Benzoic acid
Concen: 18.548 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	107.9	147.9
77	101.2	78.9	118.9

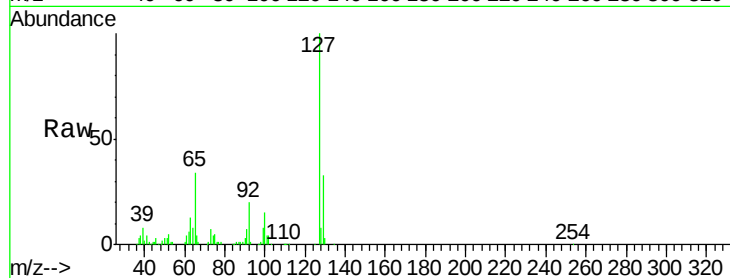




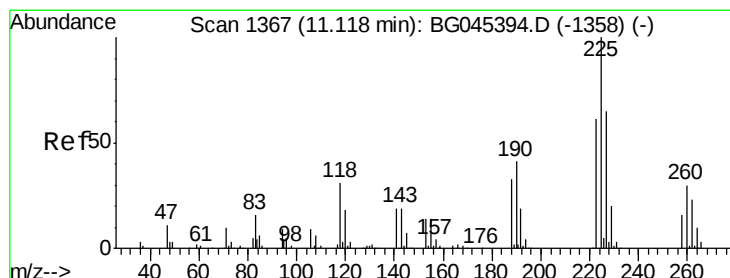
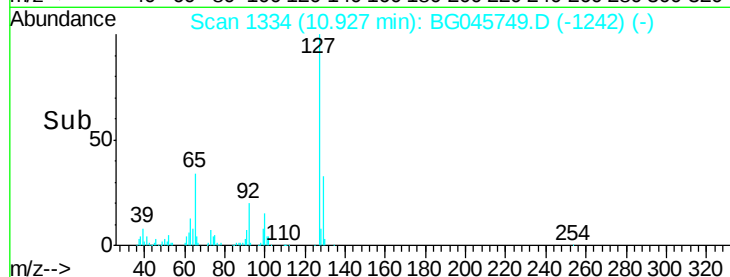
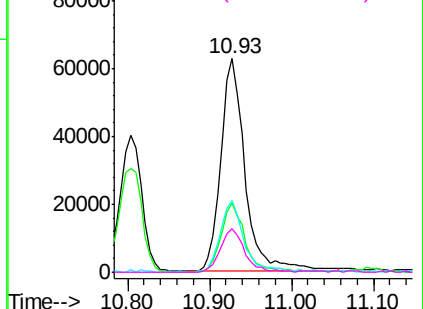
#33
4-Chloroaniline
Concen: 30.074 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion:	127	Resp:	130524
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.7	37.1
65	33.8	26.2	39.2
92	20.4	17.9	26.9

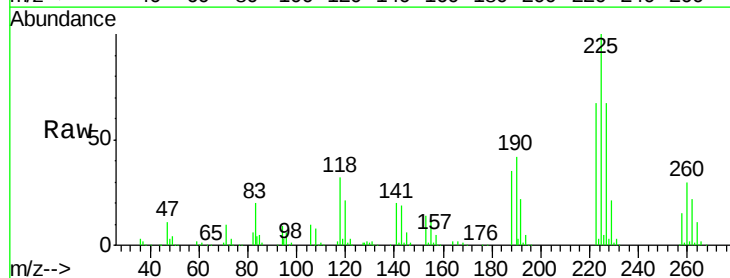


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

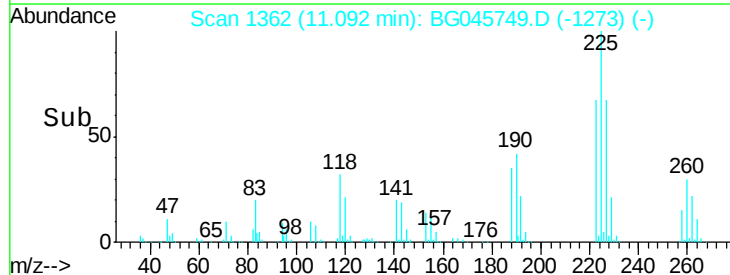
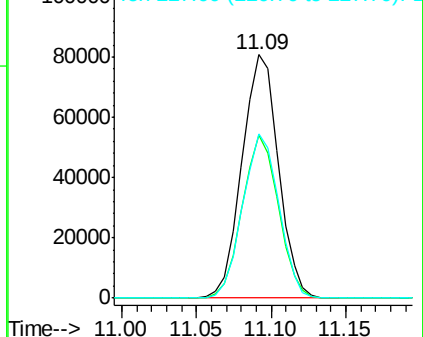


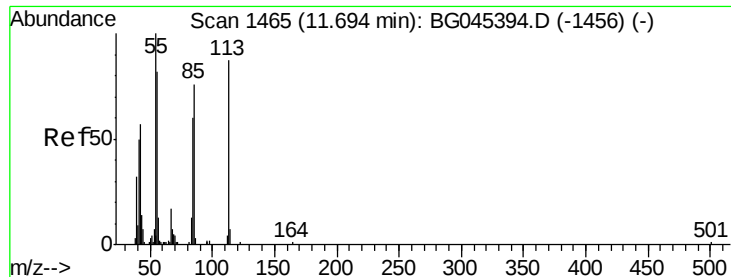
#34
Hexachlorobutadiene
Concen: 49.738 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion:	225	Resp:	136261
Ion	Ratio	Lower	Upper
225	100		
223	66.9	49.1	73.7
227	67.4	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.157 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

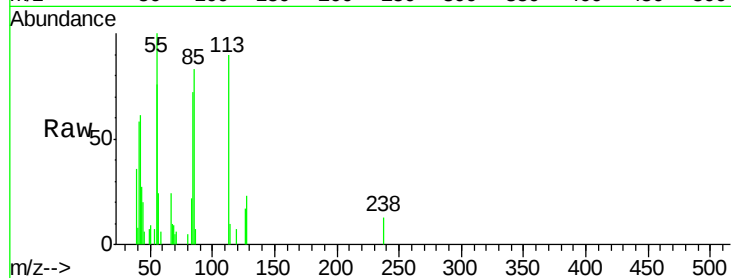
Tot Ion:113 Resp: 8616

Ion Ratio Lower Upper

113 100

55 110.9 96.0 136.0

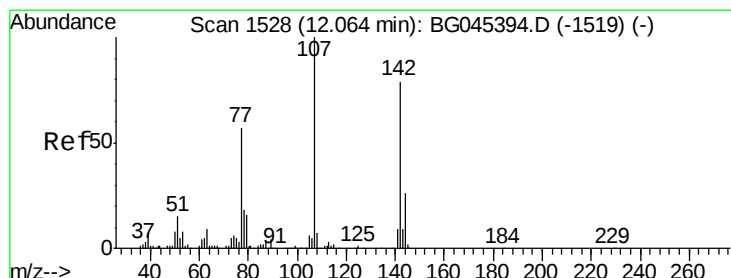
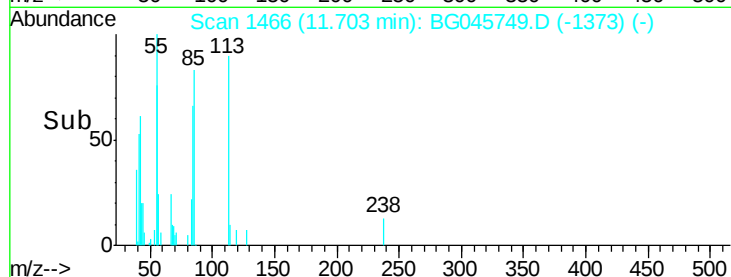
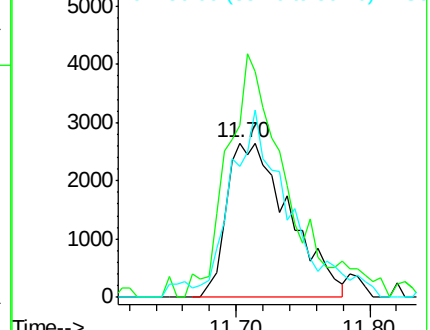
56 84.6 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.009 ng

RT: 12.10 min Scan# 1533

Delta R.T. 0.03 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

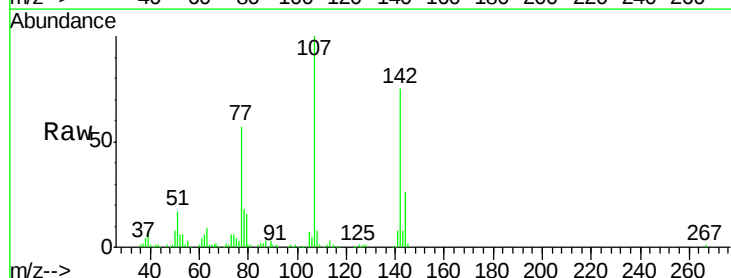
Tgt Ion:107 Resp: 166348

Ion Ratio Lower Upper

107 100

144 25.9 20.8 31.2

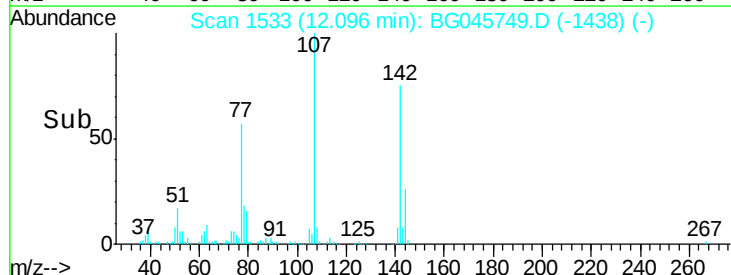
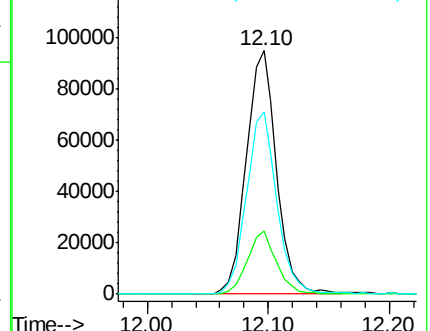
142 75.1 62.8 94.2

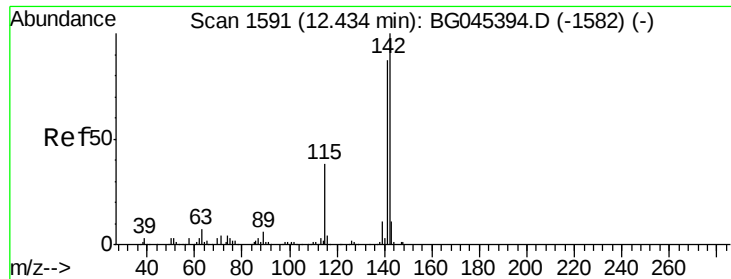


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

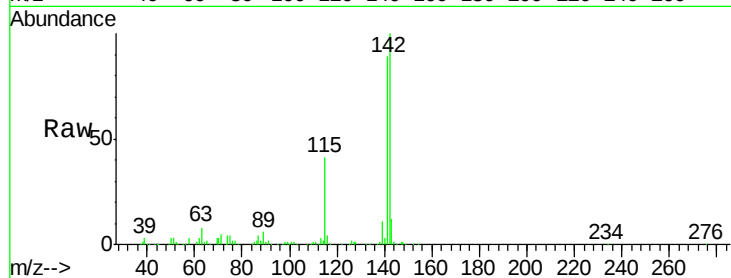




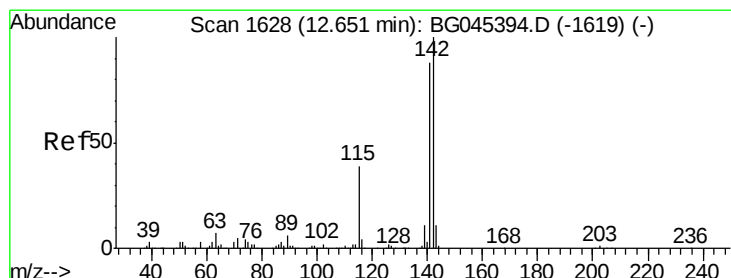
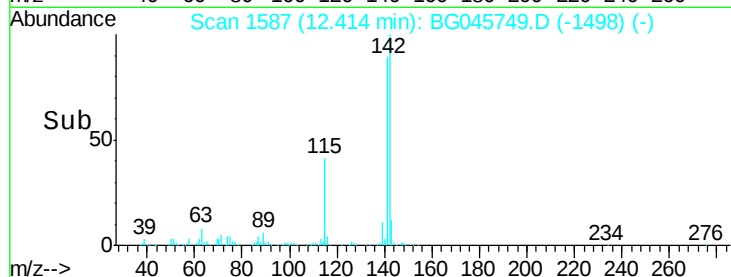
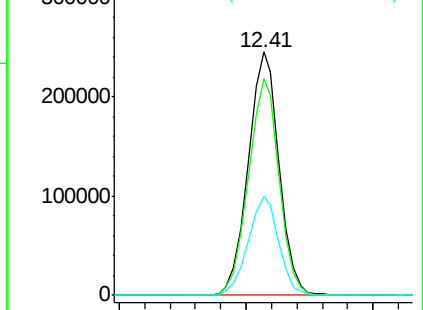
#37
2-Methylnaphthalene
Concen: 53.626 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	40.8	30.8	46.2

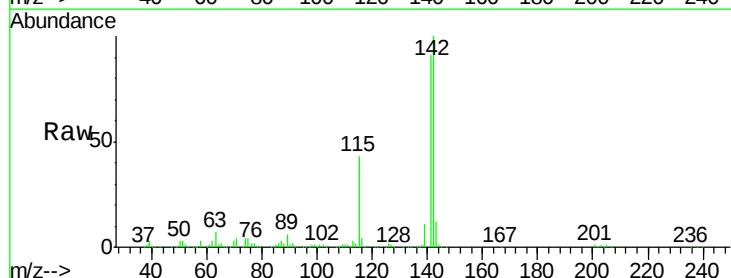


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

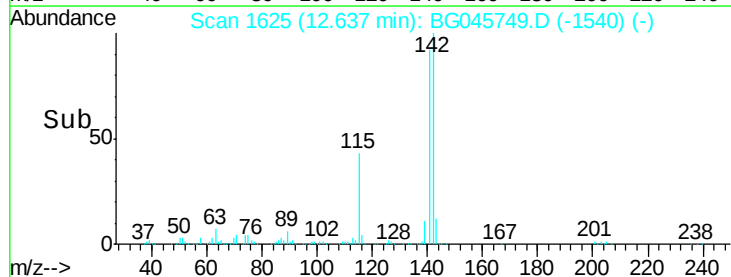
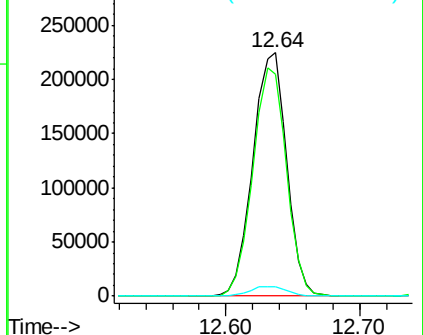


#38
1-Methylnaphthalene
Concen: 53.421 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.8	106.2
116	4.0	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

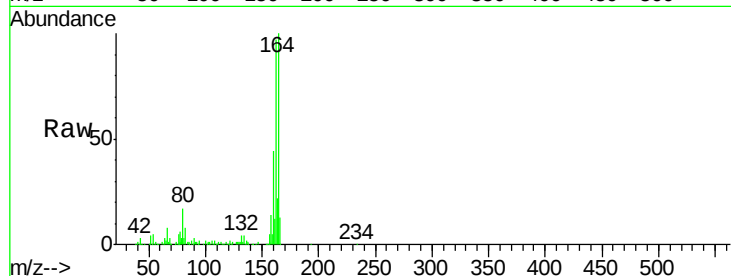
Tot Ion:164 Resp: 150975

Ion Ratio Lower Upper

164 100

162 96.8 76.9 115.3

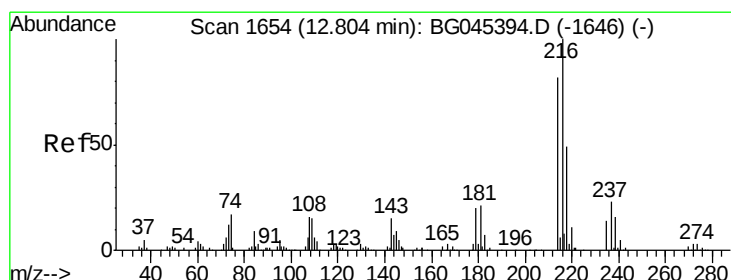
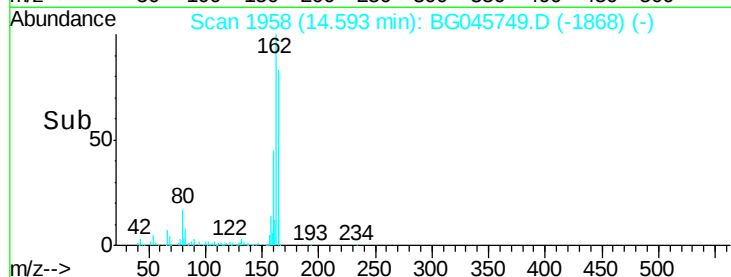
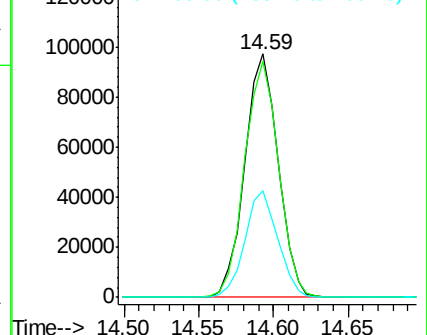
160 43.9 33.8 50.8



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: 53.505 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:216 Resp: 225629

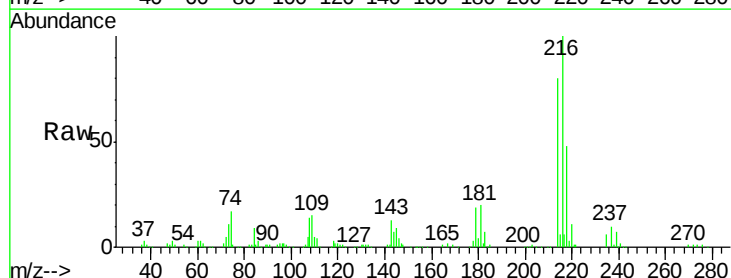
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.1 16.1 24.1

108 19.8 13.8 20.6

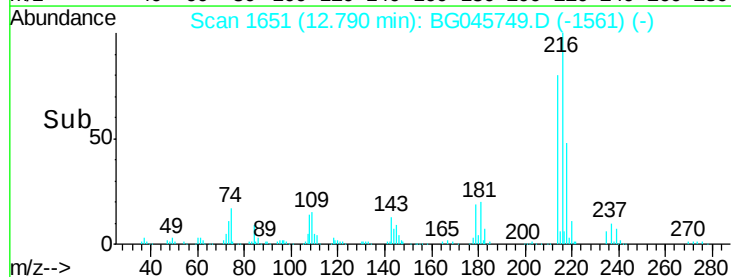
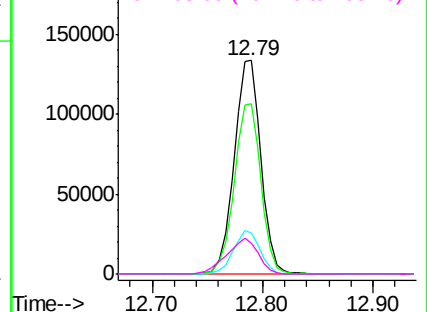


Abundance Ion 216.00 (215.70 to 216.70): E

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: 131.609 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

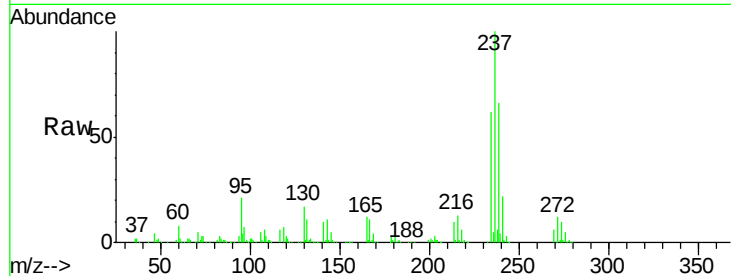
Tot Ion:237 Resp: 320331

Ion Ratio Lower Upper

237 100

235 62.4 44.4 84.4

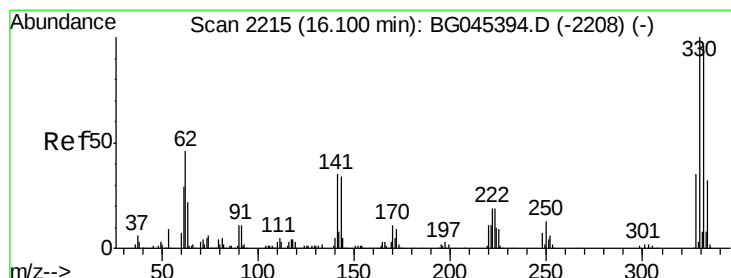
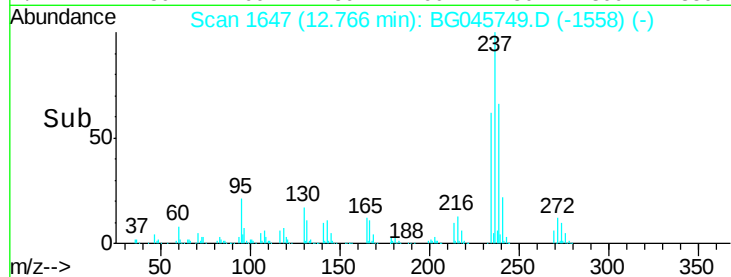
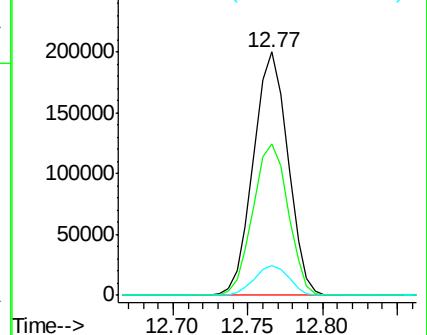
272 12.2 0.0 32.5



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: 150.408 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

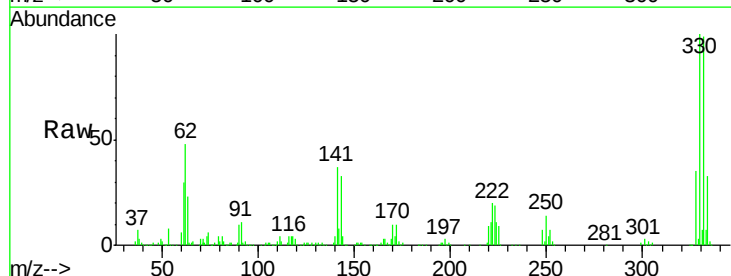
Tgt Ion:330 Resp: 290407

Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

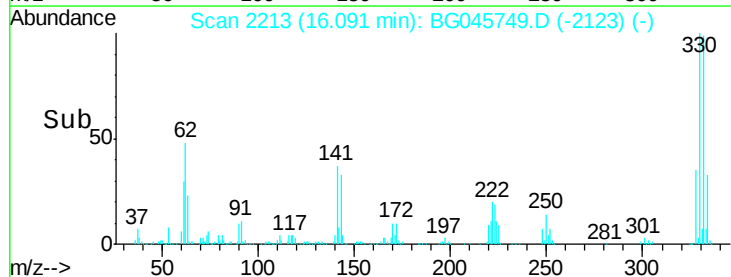
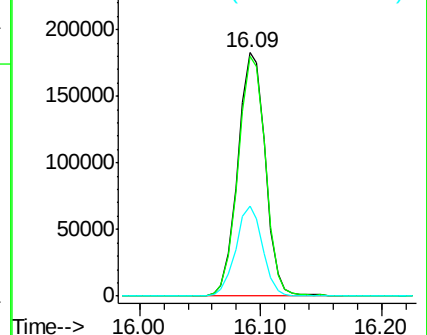
141 35.8 28.2 42.4

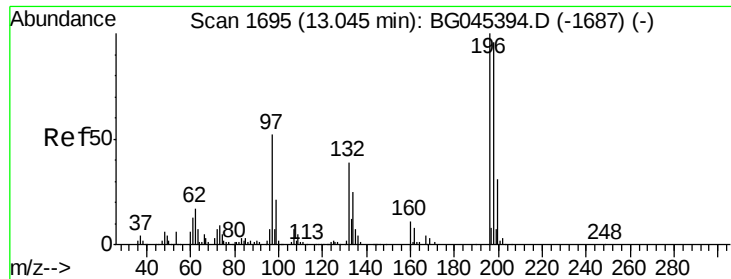


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

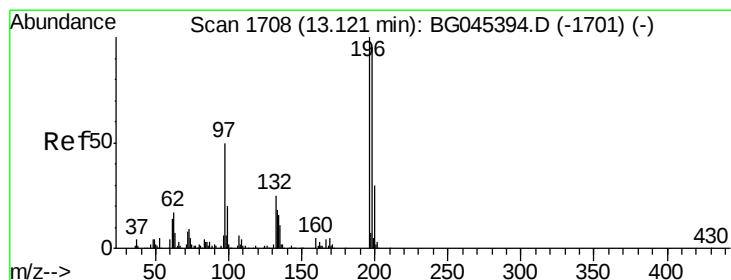
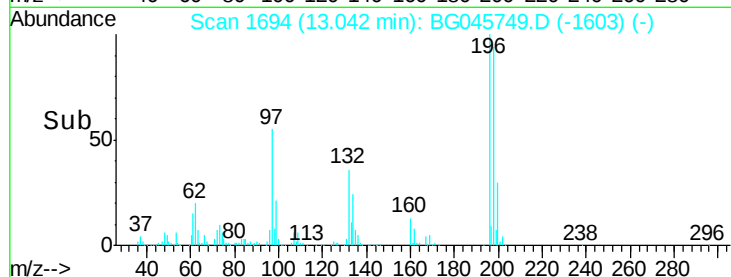
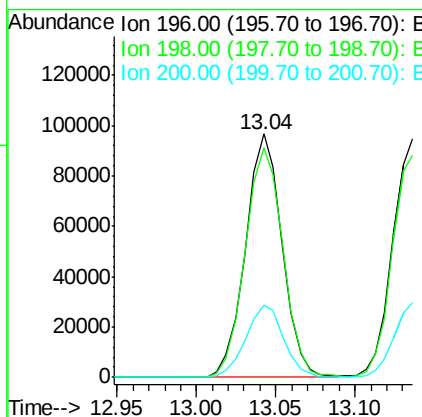
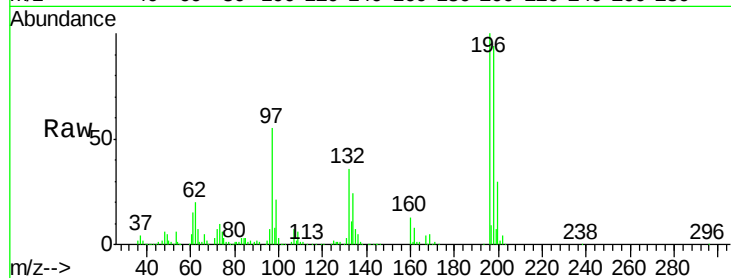




#43
 2,4,6-Trichlorophenol
 Concen: 52.906 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

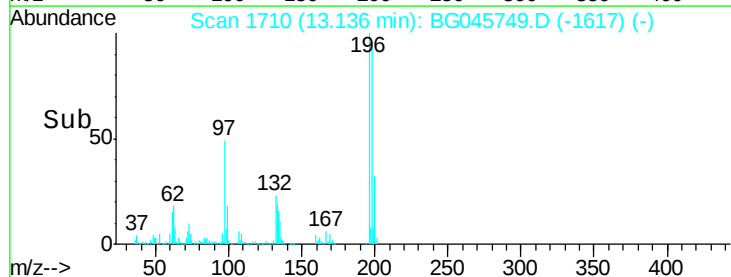
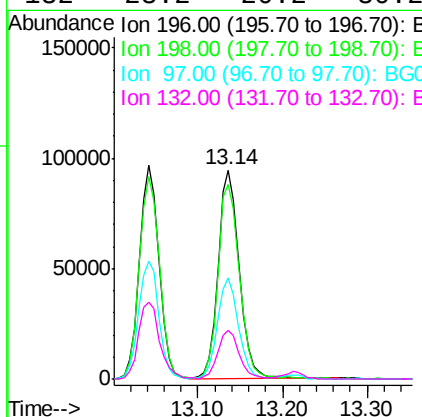
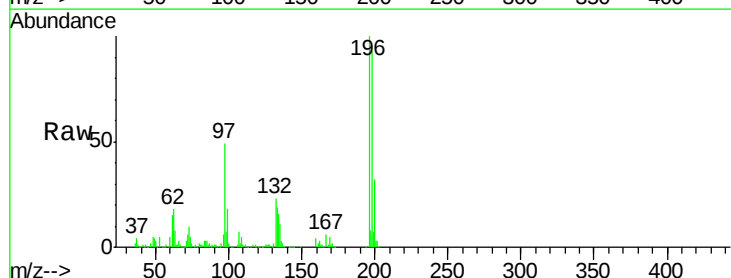
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion:196 Resp: 154980
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.7 115.1
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.148 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.02 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Tgt Ion:196 Resp: 164523
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.1 114.1
 97 48.6 40.0 60.0
 132 23.2 20.2 30.2

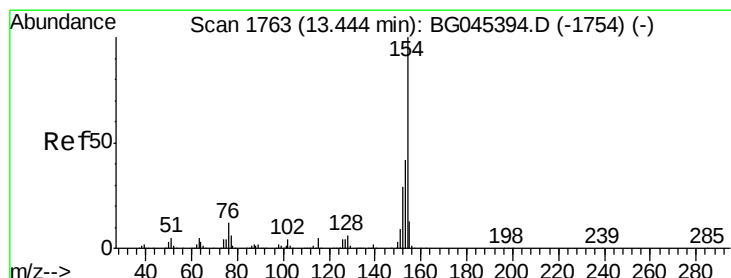
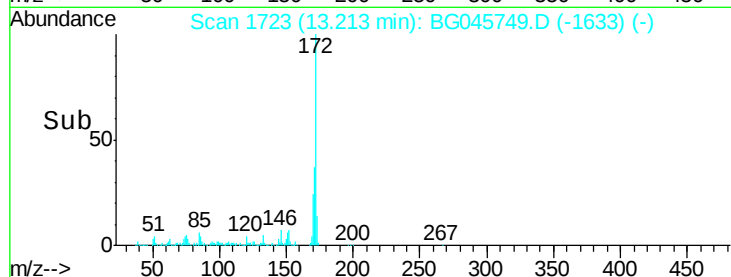
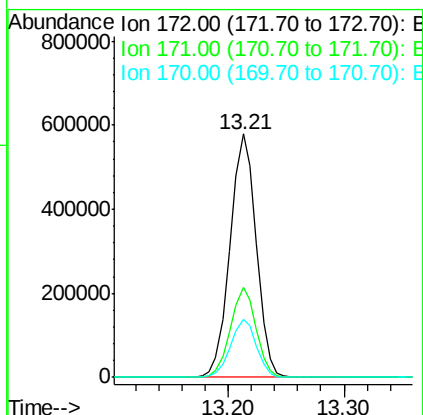
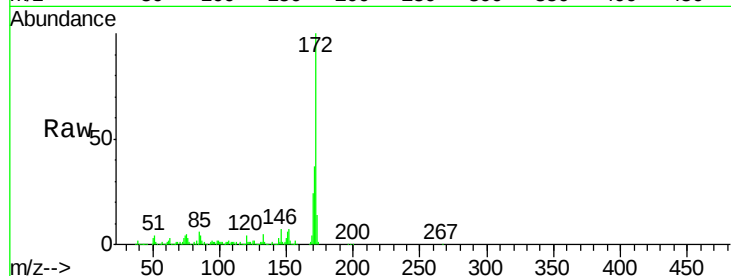




#45
2-Fluorobiphenyl
Concen: 101.674 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

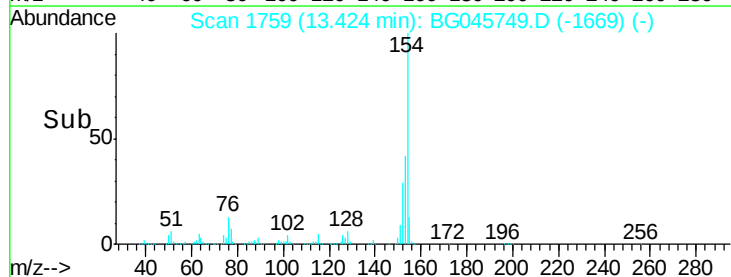
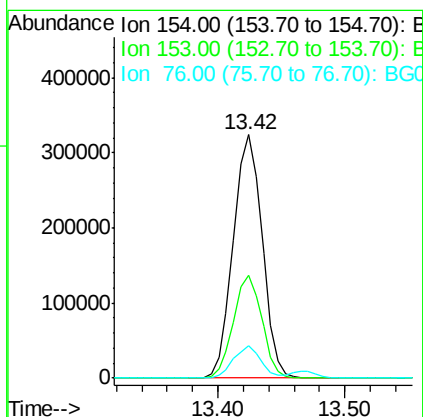
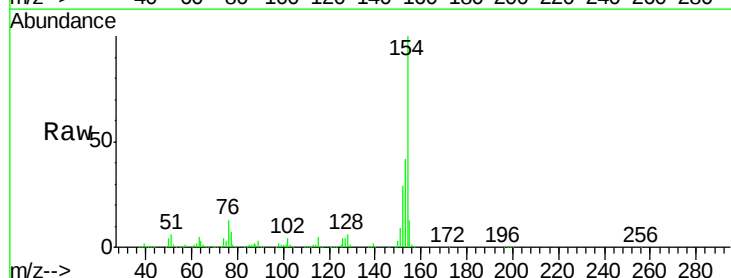
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	23.9	18.5	27.7



#46
1,1'-Biphenyl
Concen: 55.173 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.2	62.2
76	13.1	0.0	32.4

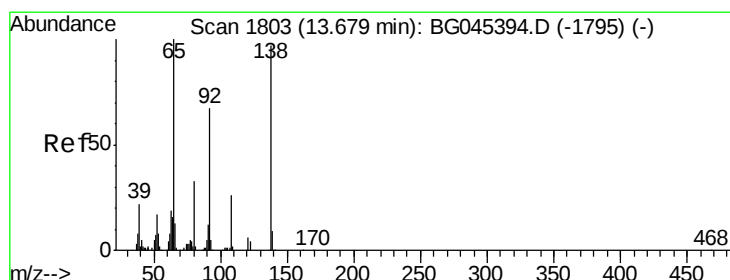
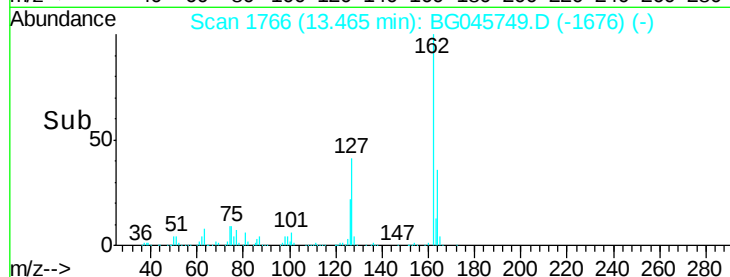
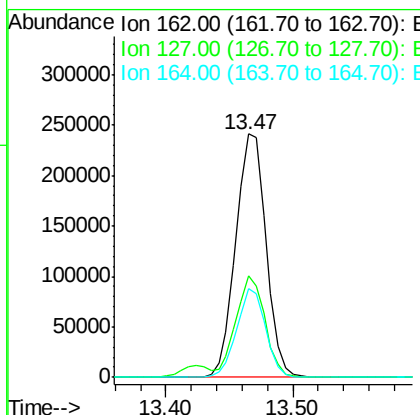
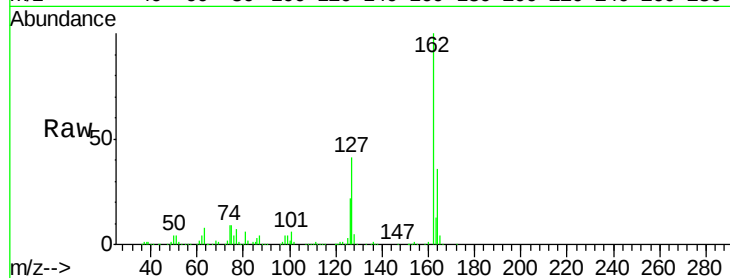




#47
2-Chloronaphthalene
Concen: 53.077 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

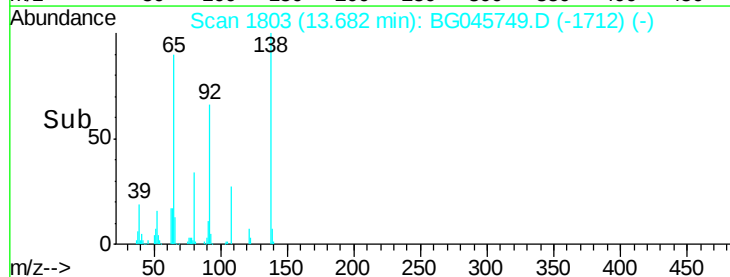
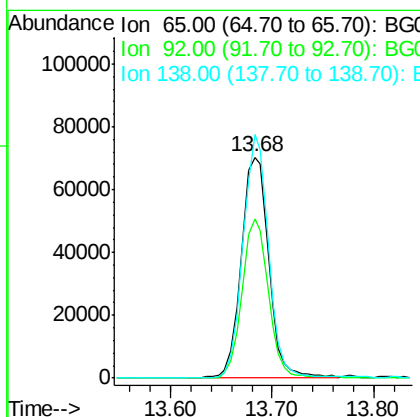
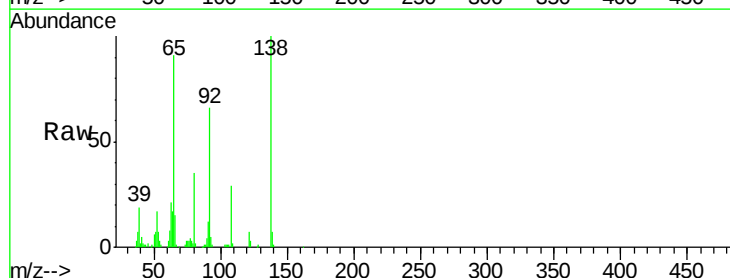
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

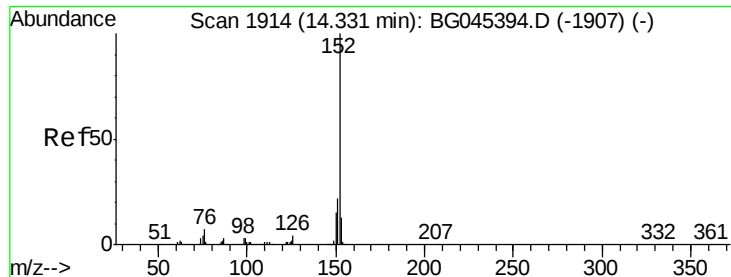
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.6	47.4
164	36.3	28.1	42.1



#48
2-Nitroaniline
Concen: 53.505 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	53.8	80.8
138	110.2	77.9	116.9





#49

Acenaphthylene

Concen: 53.024 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

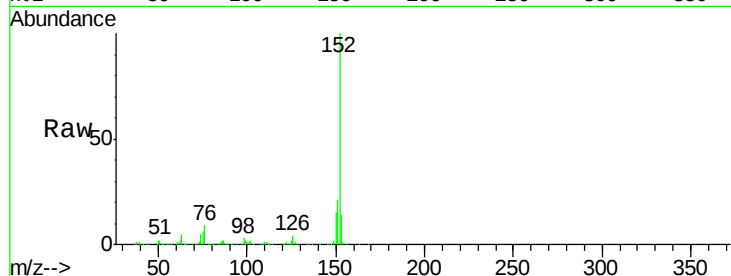
Tot Ion:152 Resp: 641591

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

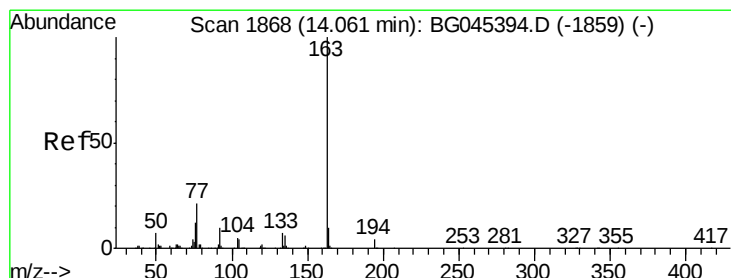
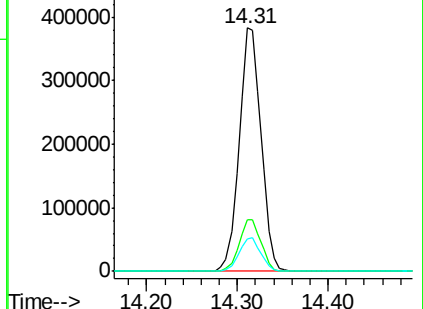
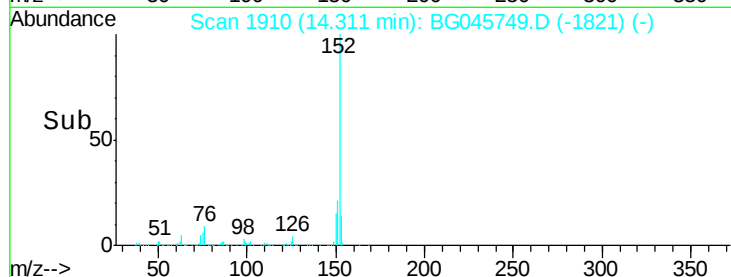
153 13.5 10.7 16.1



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: 66.384 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

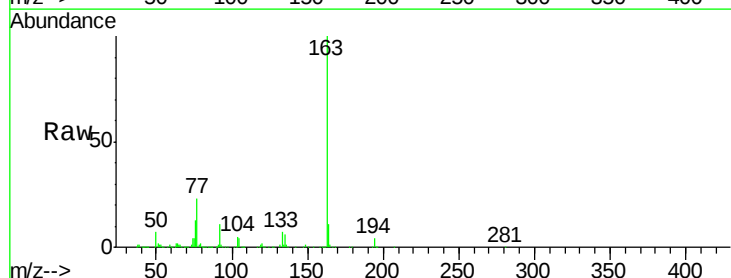
Tgt Ion:163 Resp: 687520

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

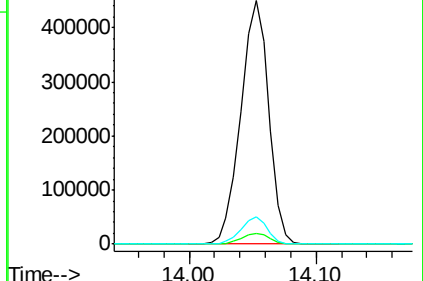
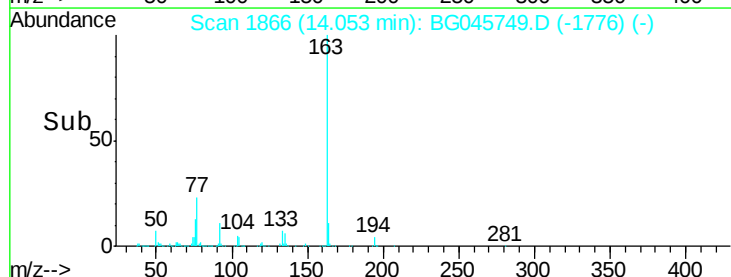
164 11.1 8.3 12.5

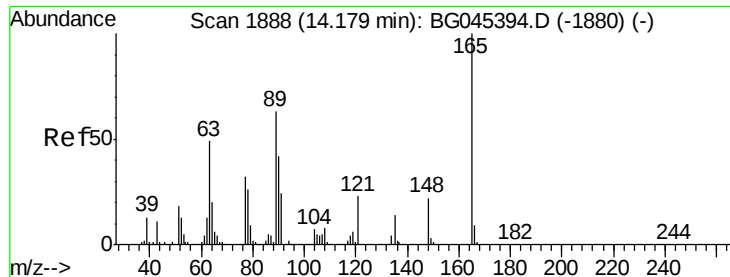


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

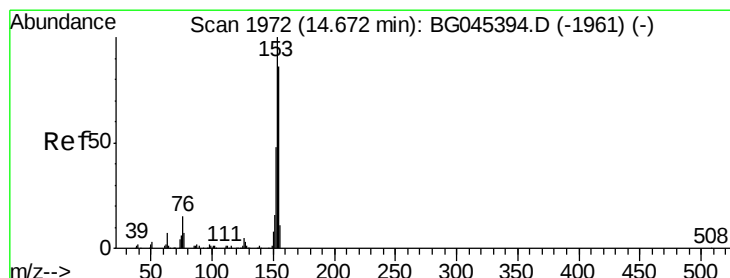
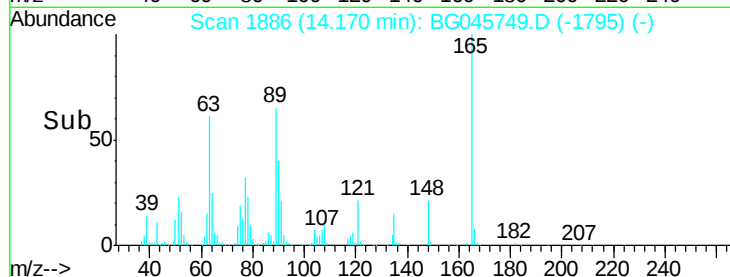
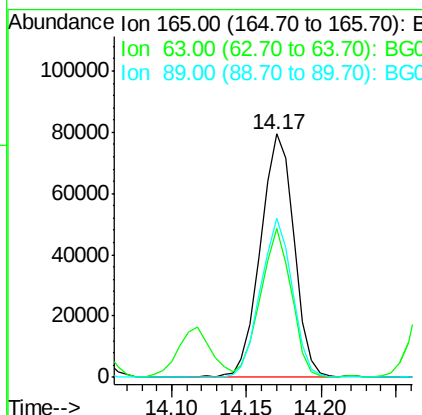
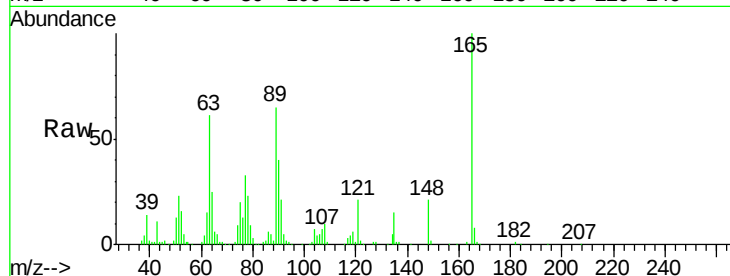




#51
 2,6-Dinitrotoluene
 Concen: 52.608 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

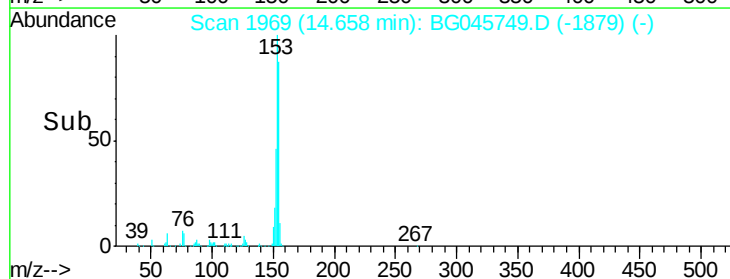
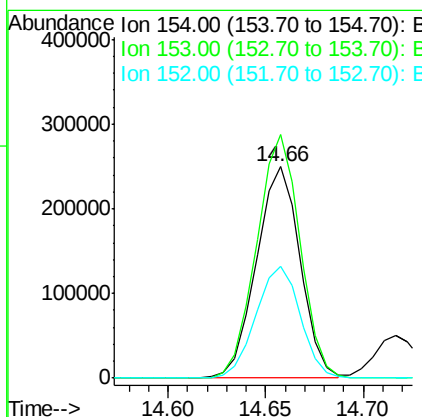
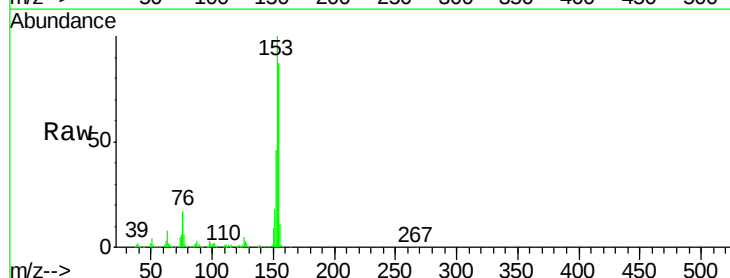
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

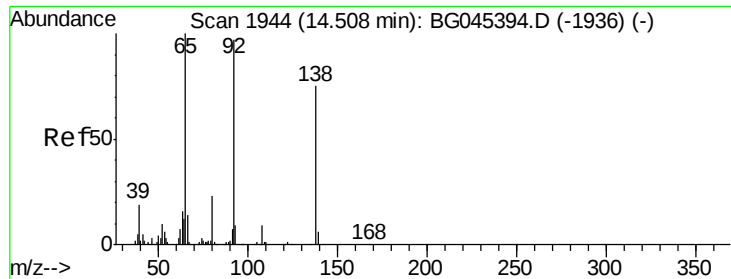
Tot Ion:165 Resp: 122946
 Ion Ratio Lower Upper
 165 100
 63 61.0 45.0 67.4
 89 65.1 50.2 75.4



#52
 Acenaphthene
 Concen: 47.755 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Tgt Ion:154 Resp: 386787
 Ion Ratio Lower Upper
 154 100
 153 115.1 92.8 139.2
 152 53.1 44.6 66.8

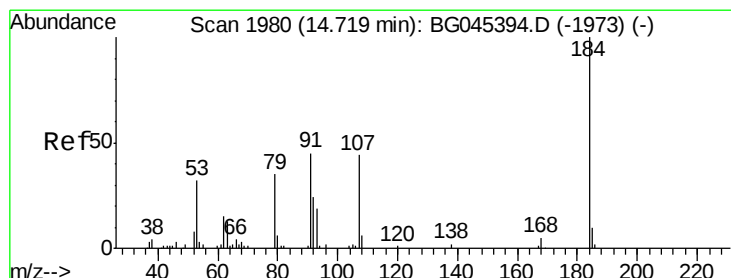
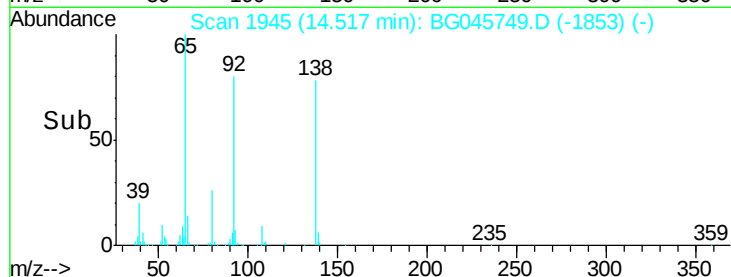
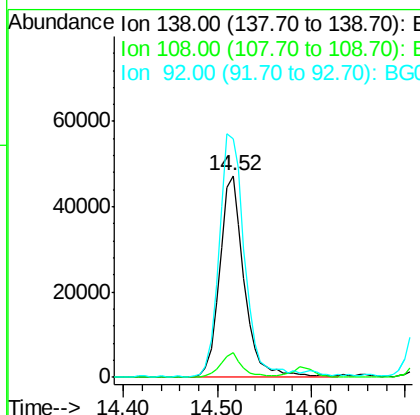
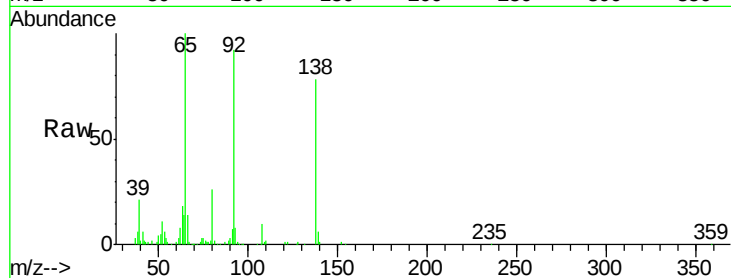




#53
3-Nitroaniline
Concen: 36.185 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

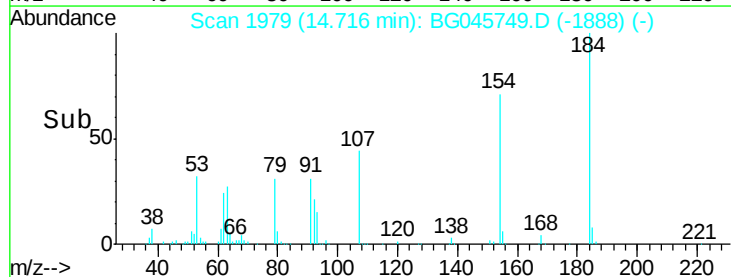
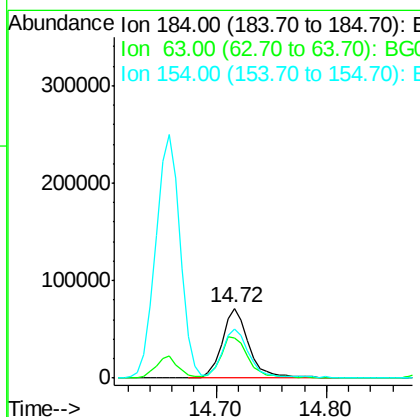
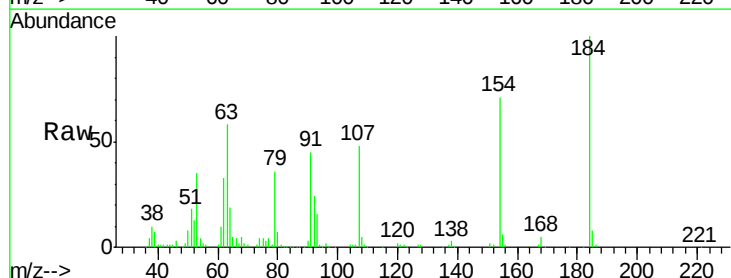
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

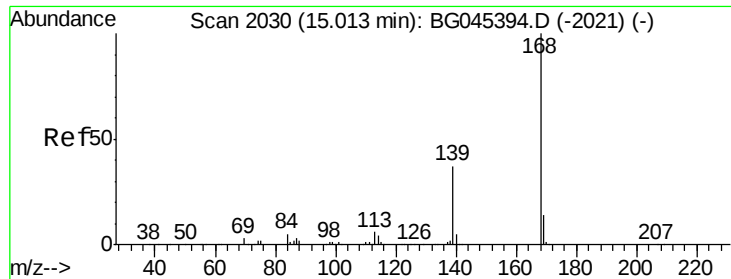
Tot Ion:138 Resp: 85964
Ion Ratio Lower Upper
138 100
108 12.3 9.8 14.6
92 117.9 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 79.183 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion:184 Resp: 121130
Ion Ratio Lower Upper
184 100
63 58.4 47.8 71.6
154 71.0 58.3 87.5





#55

Dibenzofuran

Concen: 52.004 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

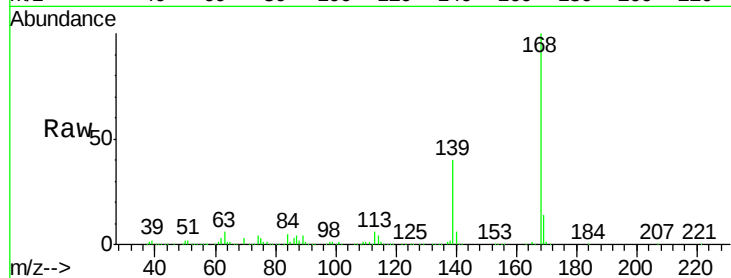
Tot Ion:168 Resp: 625497

Ion Ratio Lower Upper

168 100

139 40.0 29.9 44.9

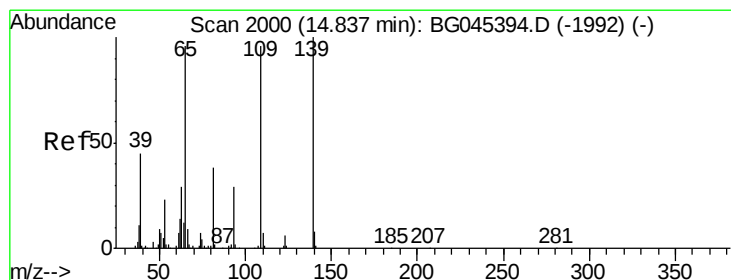
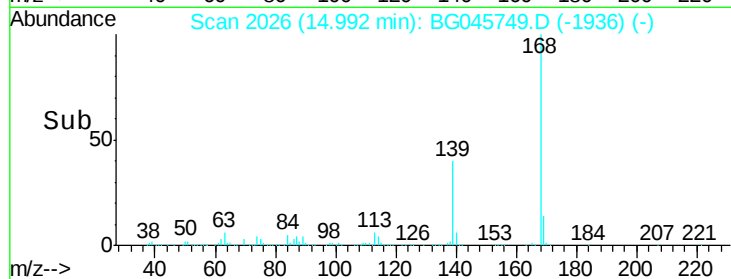
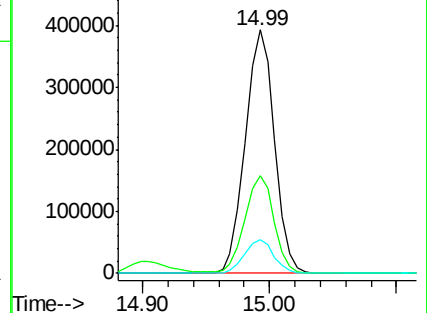
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 24.945 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

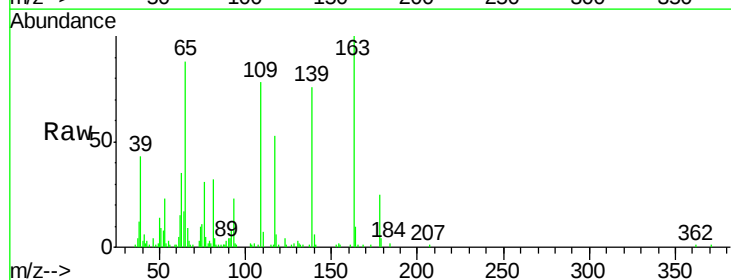
Tgt Ion:139 Resp: 44867

Ion Ratio Lower Upper

139 100

109 103.0 75.6 115.6

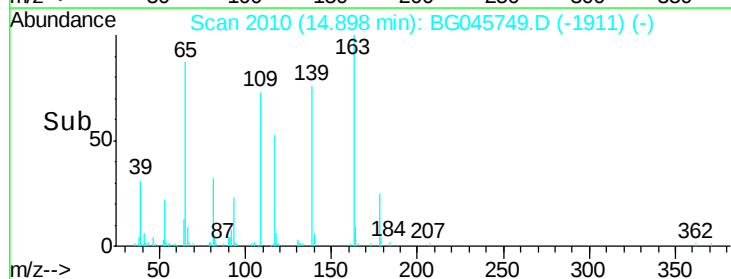
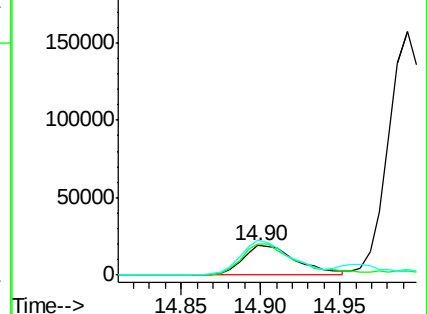
65 116.1 76.8 116.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

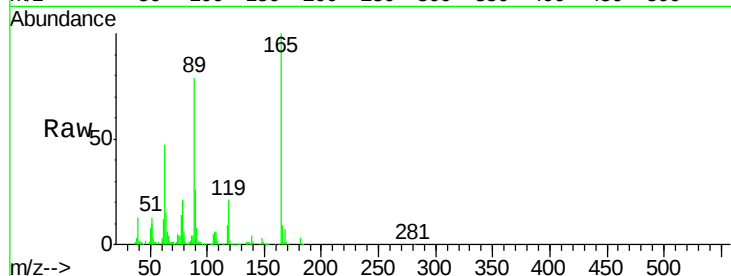




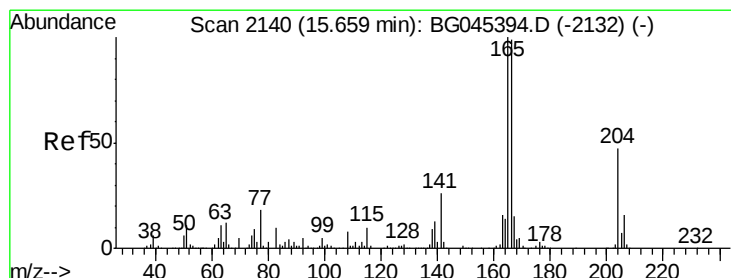
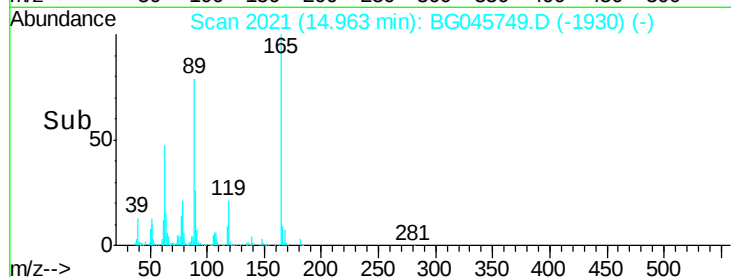
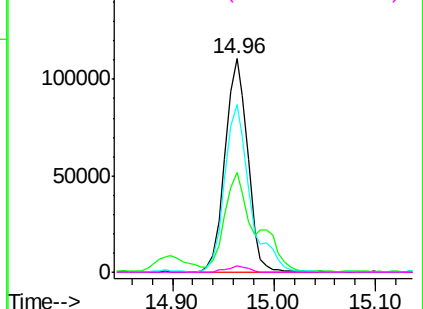
#57
2,4-Dinitrotoluene
Concen: 50.886 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Tot Ion:165 Resp: 172228
Ion Ratio Lower Upper
165 100
63 46.7 32.5 48.7
89 78.8 61.8 92.6
182 3.0 2.3 3.5

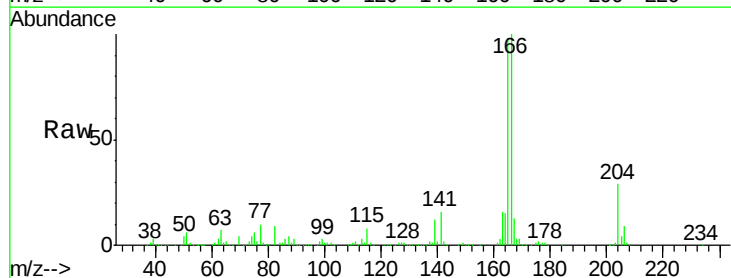


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

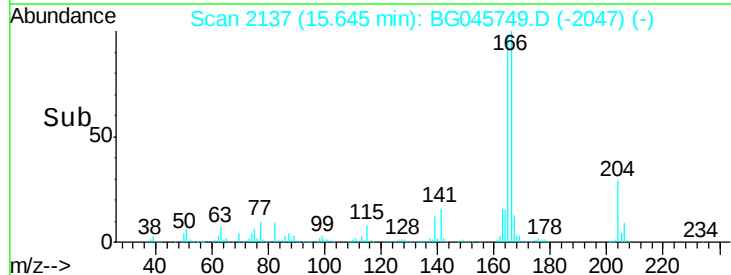
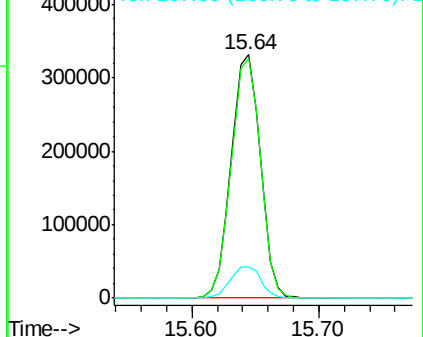


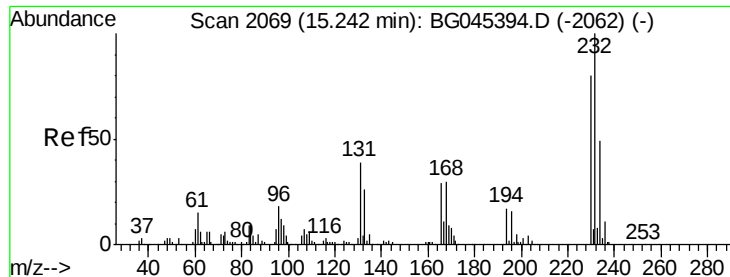
#58
Fluorene
Concen: 53.295 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion:166 Resp: 526632
Ion Ratio Lower Upper
166 100
165 98.3 80.8 121.2
167 12.7 12.0 18.0



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: 54.644 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:232 Resp: 160930

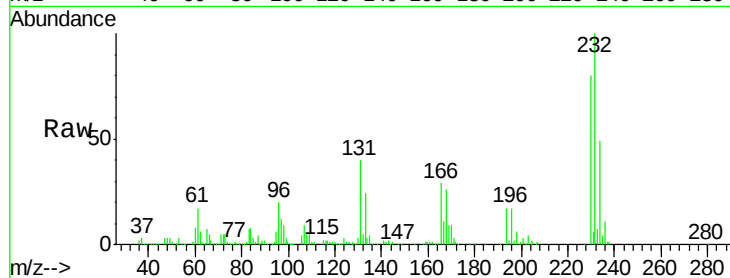
Ion Ratio Lower Upper

232 100

131 40.6 33.7 50.5

130 2.5 2.1 3.1

166 28.6 23.2 34.8

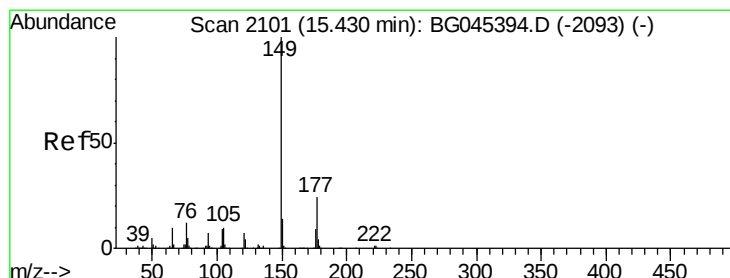
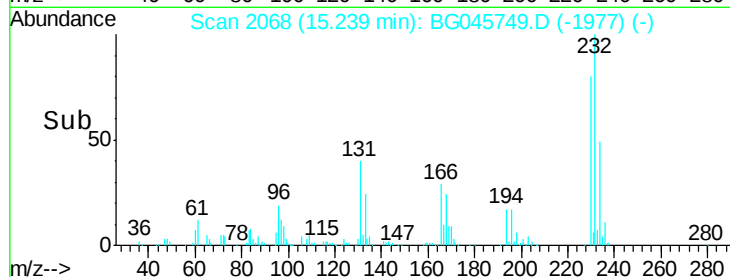
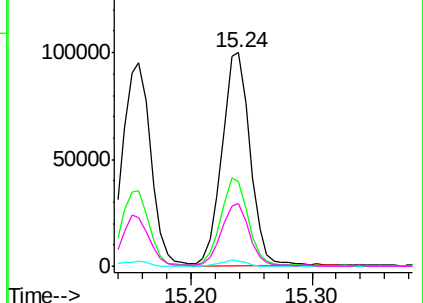


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 50.468 ng

RT: 15.42 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

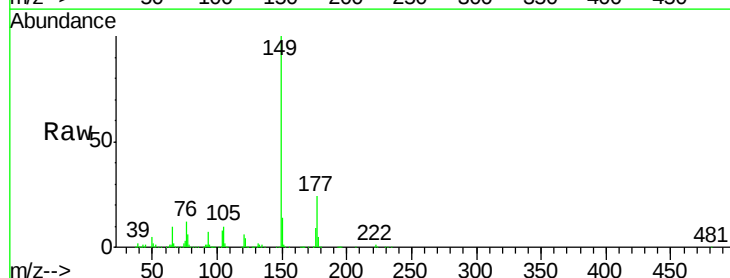
Tgt Ion:149 Resp: 544031

Ion Ratio Lower Upper

149 100

177 23.6 19.0 28.4

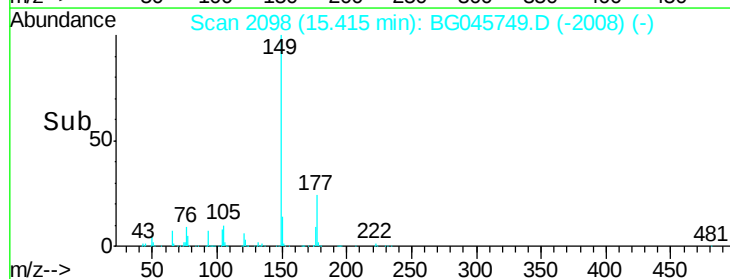
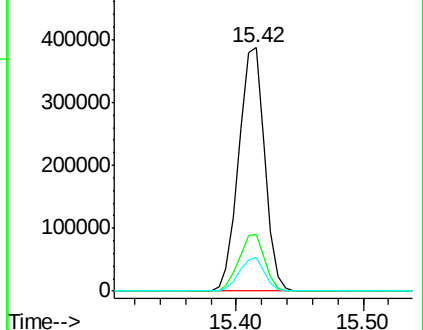
150 13.7 11.4 17.0

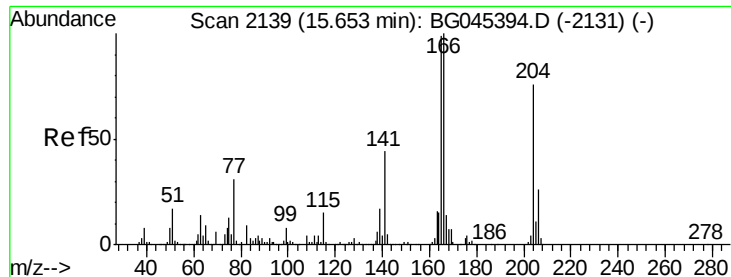


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

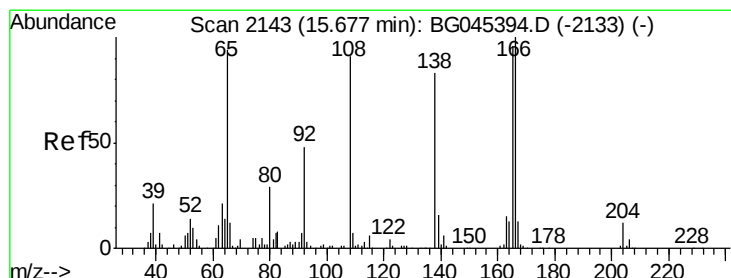
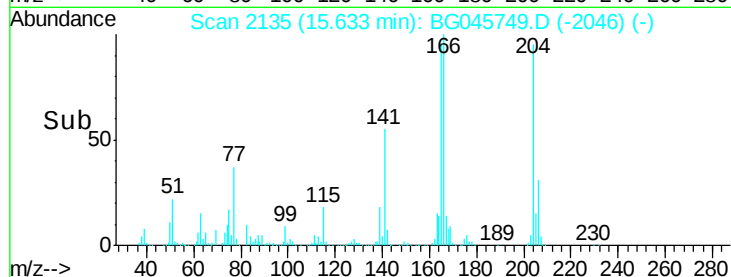
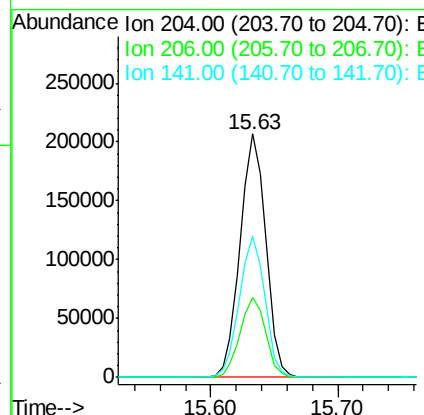
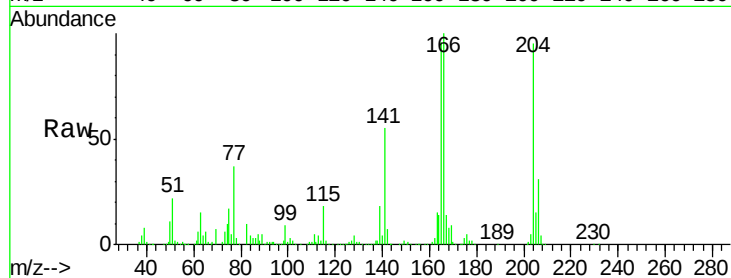




#61
 4-Chlorophenyl-phenylether
 Concen: 51.273 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

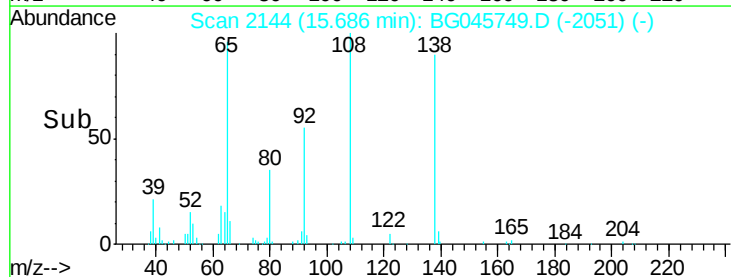
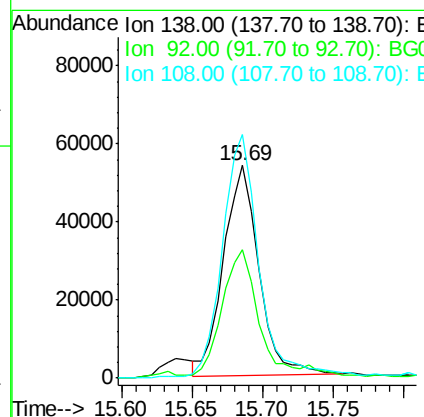
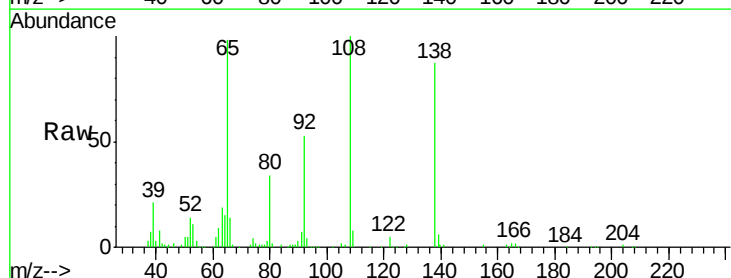
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

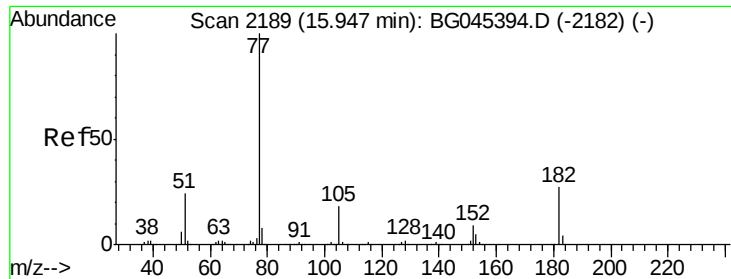
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.3	40.9
141	57.8	45.9	68.9



#62
 4-Nitroaniline
 Concen: 37.942 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.02 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	38.0	78.0
108	114.6	89.3	129.3





#63

Azobenzene

Concen: 52.910 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion: 77 Resp: 531822

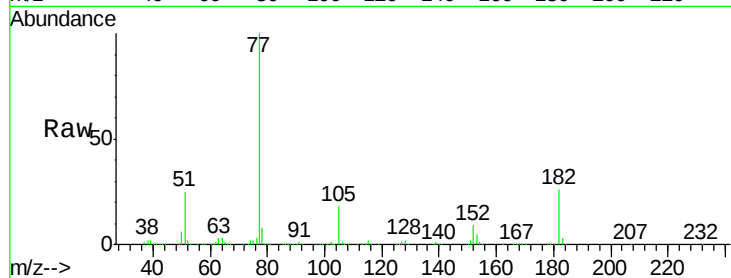
Ion Ratio Lower Upper

77 100

182 26.2 6.5 46.5

105 18.4 0.0 37.9

51 24.6 4.1 44.1

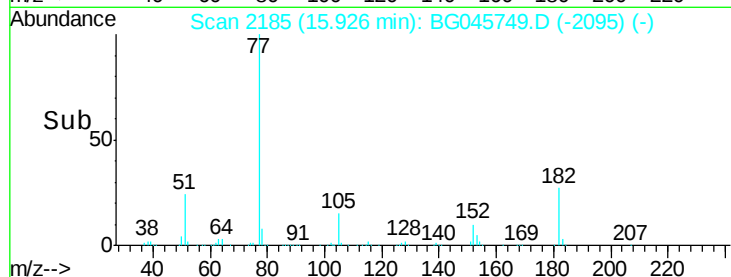


Abundance Ion 77.00 (76.70 to 77.70): BGC

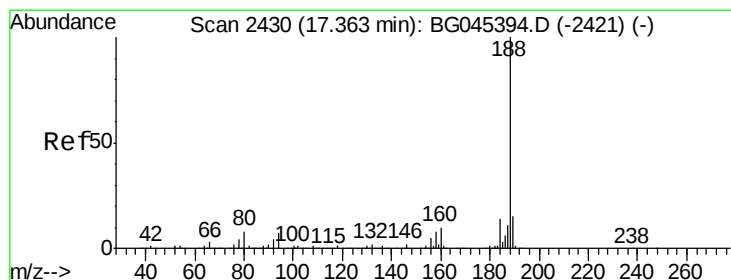
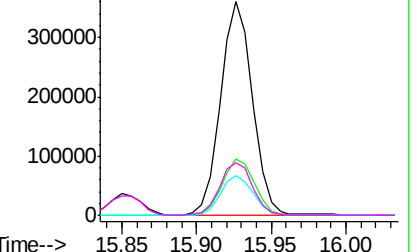
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

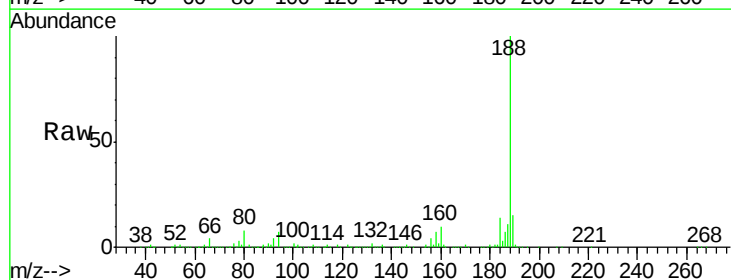
Tgt Ion: 188 Resp: 346429

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

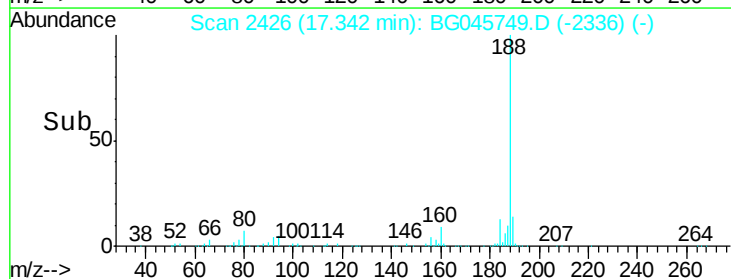
80 7.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC

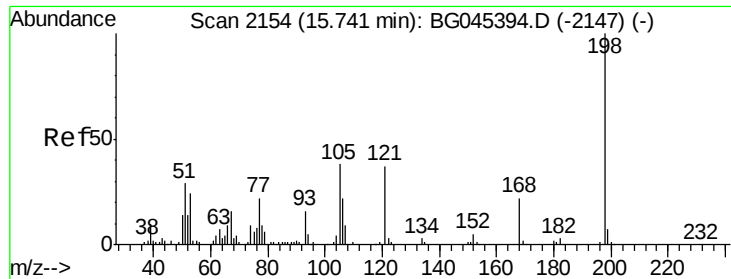
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

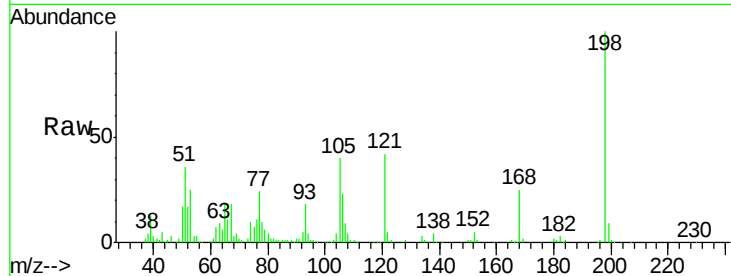




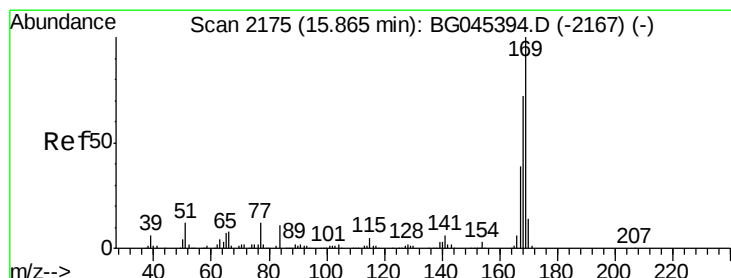
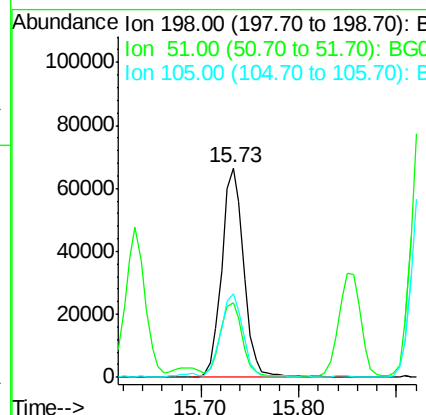
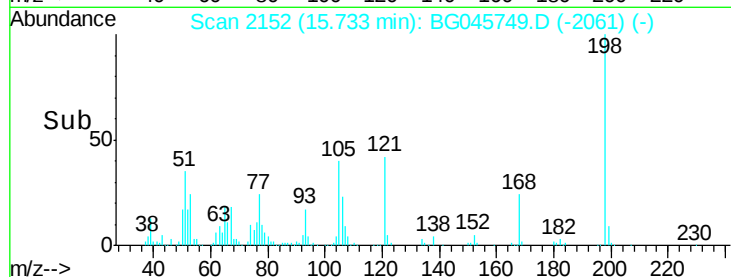
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.827 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.8	10.0	50.0
105	39.9	18.9	58.9

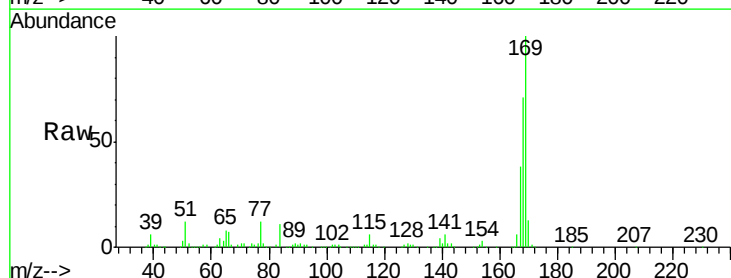


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

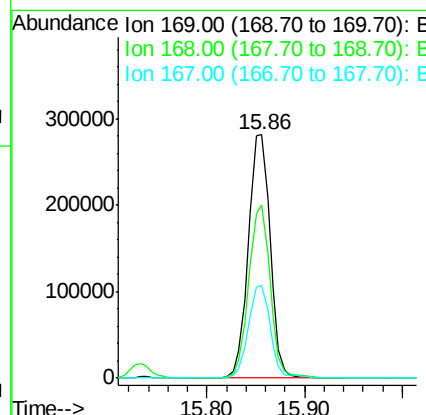
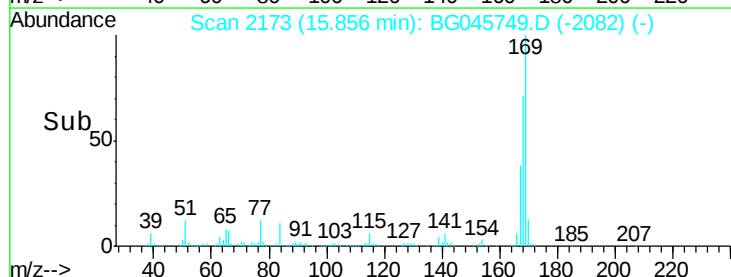


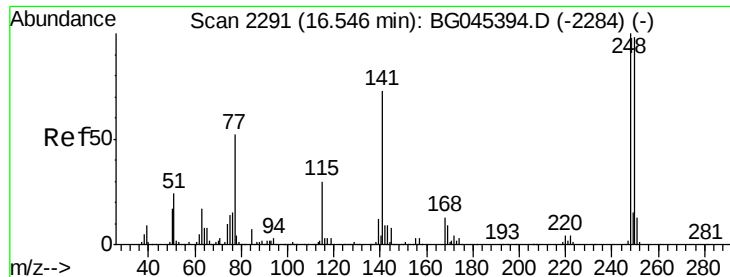
#66
 n-Nitrosodiphenylamine
 Concen: 53.016 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045749.D
 Acq: 12 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.8	86.6
167	38.2	31.5	47.3



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

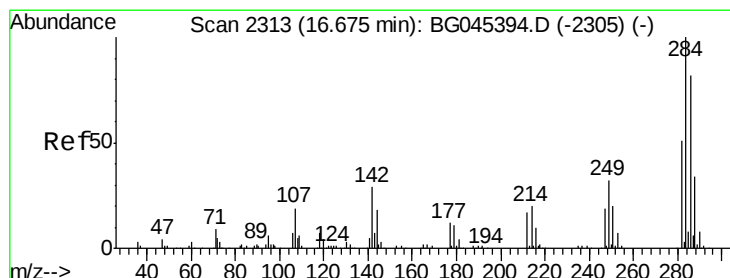
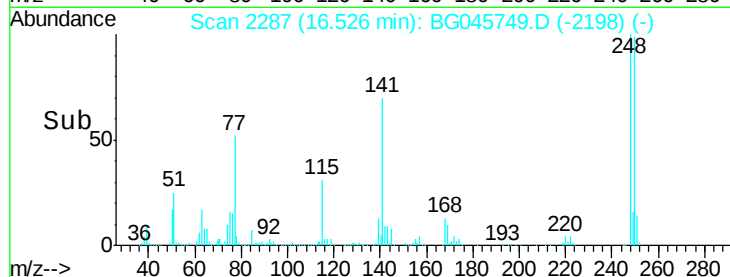
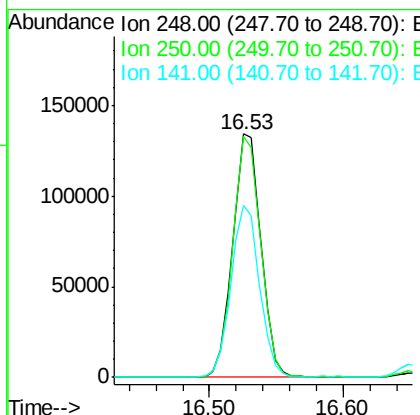
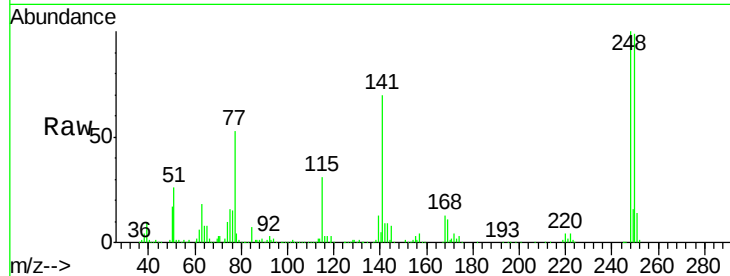




#67
4-Bromophenyl-phenylether
Concen: 52.874 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

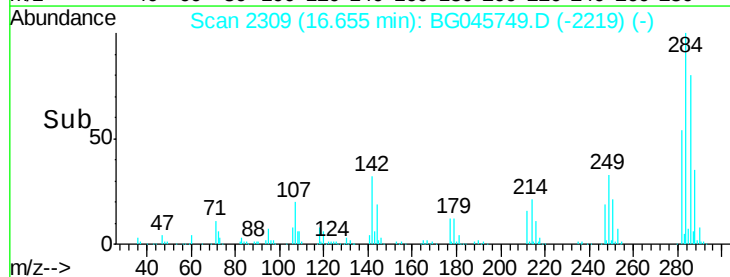
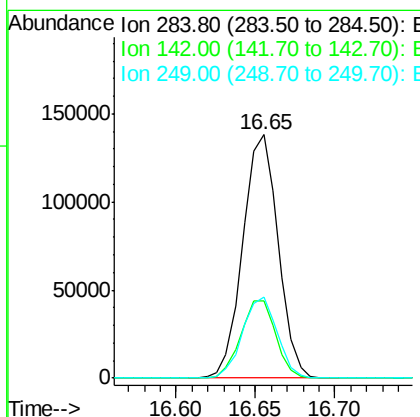
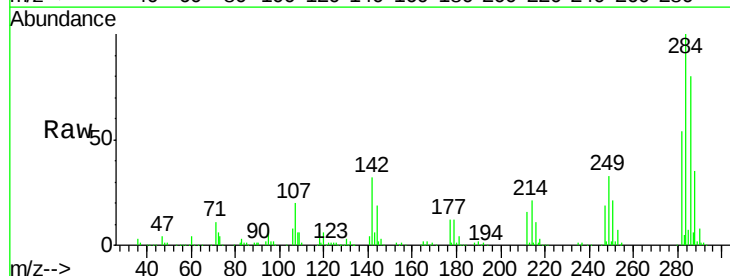
Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

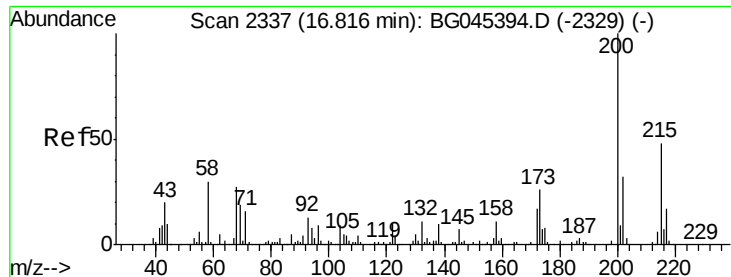
Tot Ion:248 Resp: 198343
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 70.5 58.2 87.2



#68
Hexachlorobenzene
Concen: 54.607 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045749.D
Acq: 12 Jun 2020 20:44

Tgt Ion:284 Resp: 214251
Ion Ratio Lower Upper
284 100
142 32.0 23.0 34.6
249 33.1 25.8 38.6





#69

Atrazine

Concen: 49.200 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

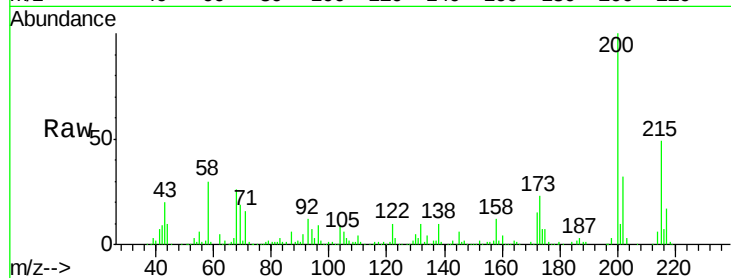
Tot Ion:200 Resp: 168558

Ion Ratio Lower Upper

200 100

173 22.6 5.5 45.5

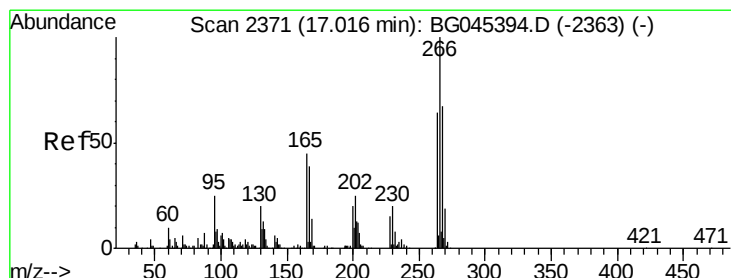
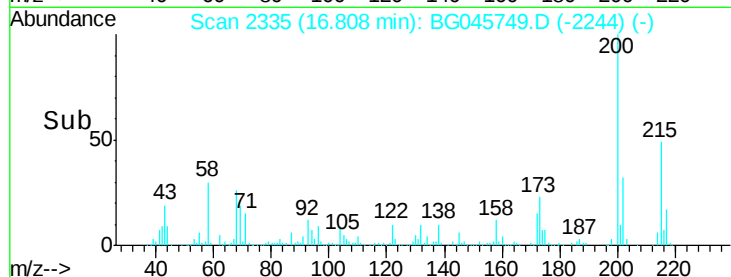
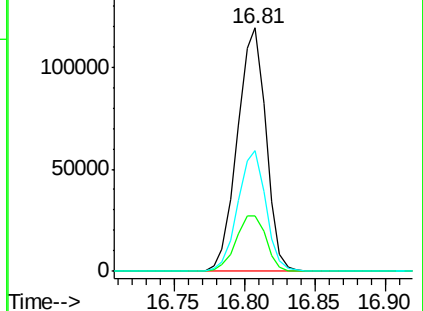
215 49.4 28.2 68.2



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: 103.780 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

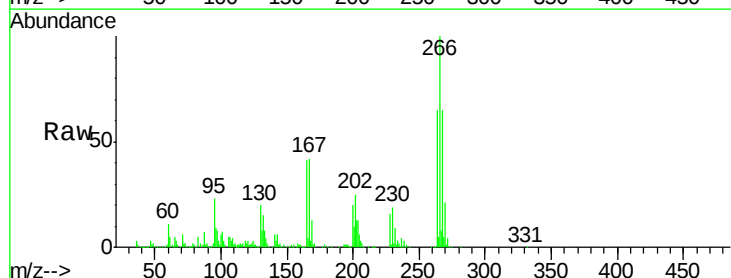
Tgt Ion:266 Resp: 211424

Ion Ratio Lower Upper

266 100

268 65.4 53.2 79.8

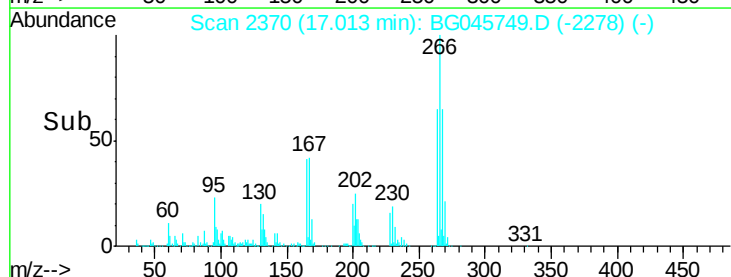
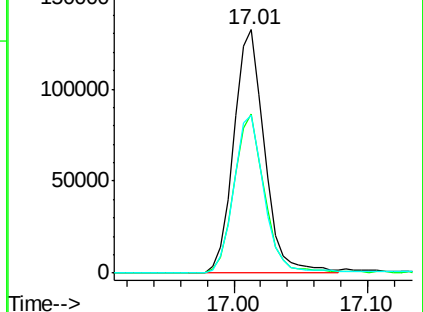
264 64.7 51.0 76.4

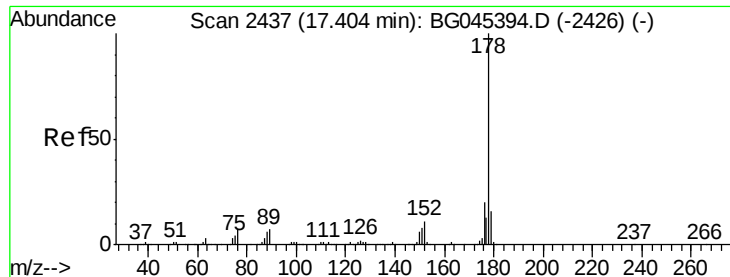


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.138 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

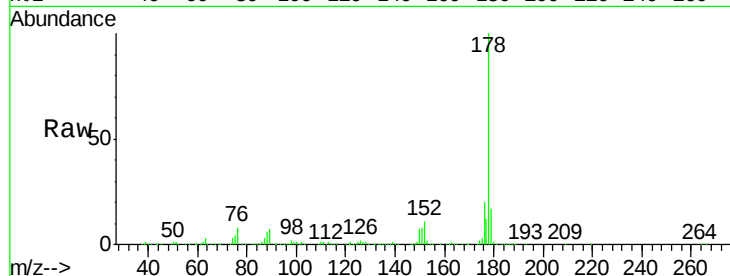
Tot Ion:178 Resp: 818755

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

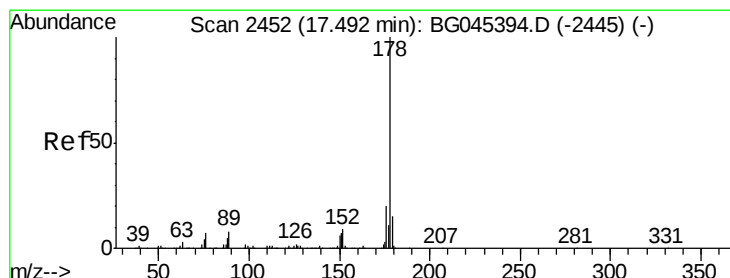
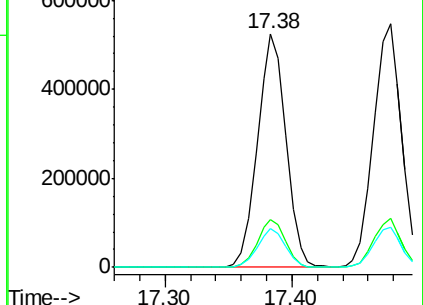
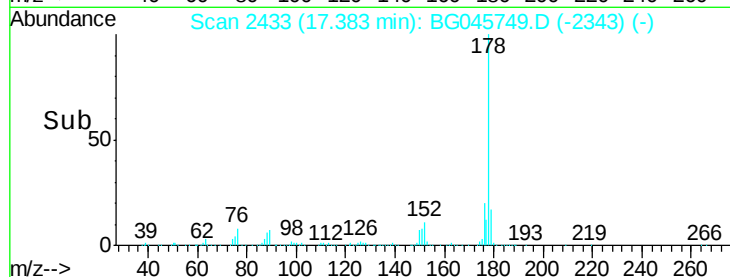
179 16.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.680 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

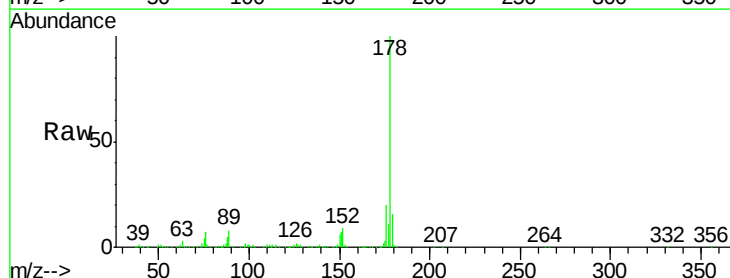
Tgt Ion:178 Resp: 845637

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

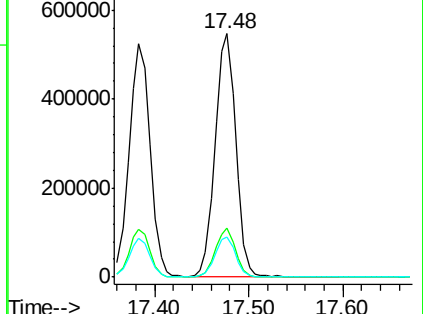
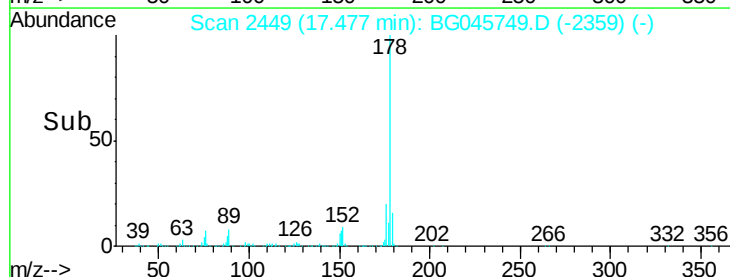
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.762 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

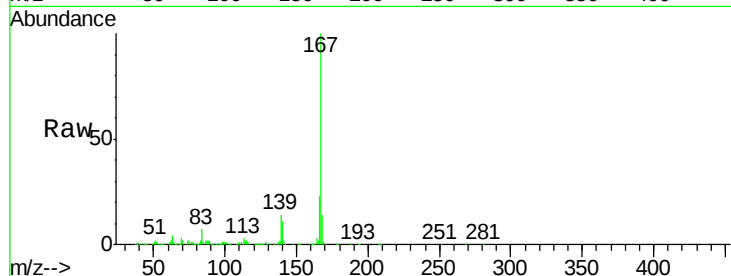
Tot Ion:167 Resp: 751487

Ion Ratio Lower Upper

167 100

166 23.4 19.2 28.8

139 13.5 10.6 16.0

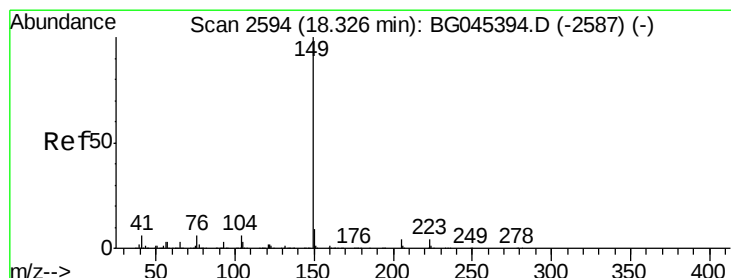
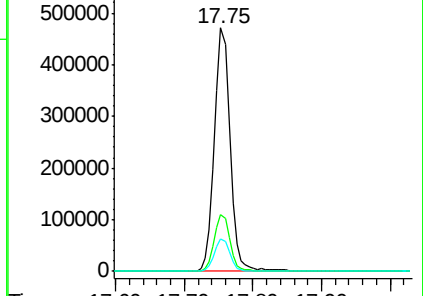
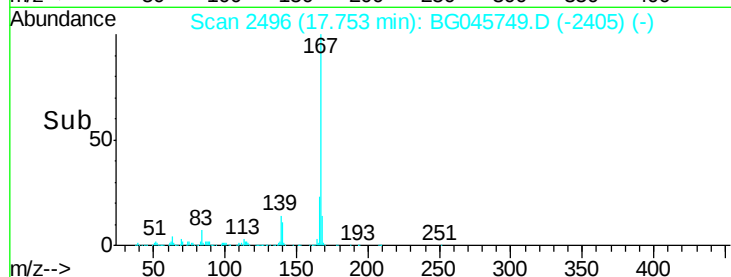


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.60 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 51.143 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

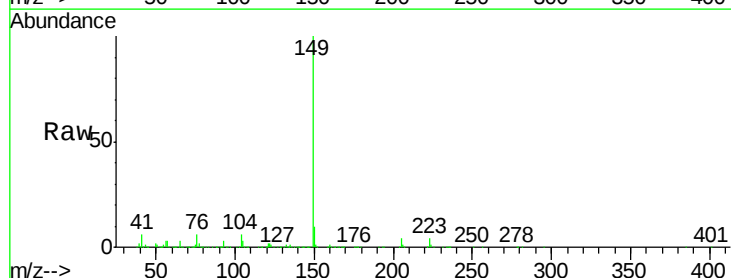
Tgt Ion:149 Resp: 908752

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

104 6.3 5.0 7.4

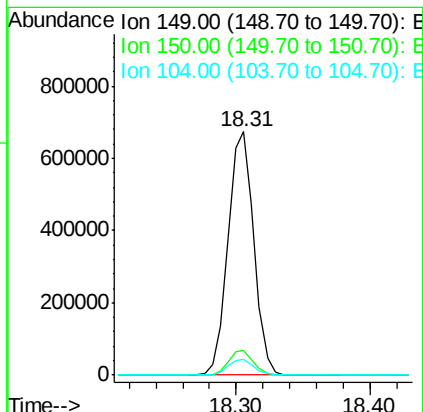
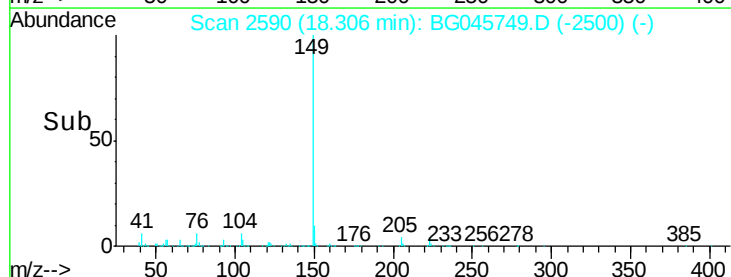


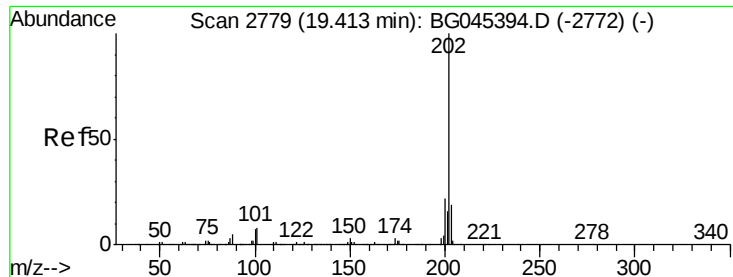
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.30 18.40





#75

Fluoranthene

Concen: 51.936 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

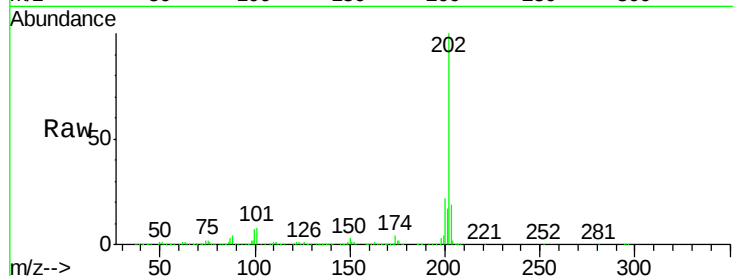
Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

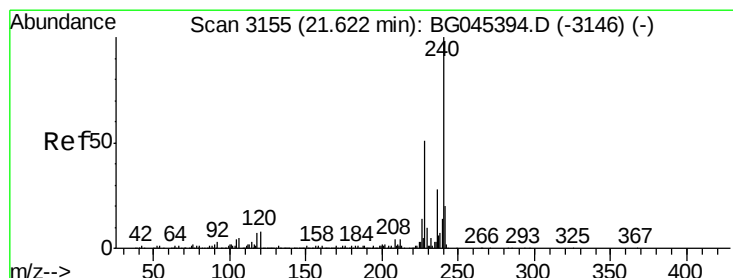
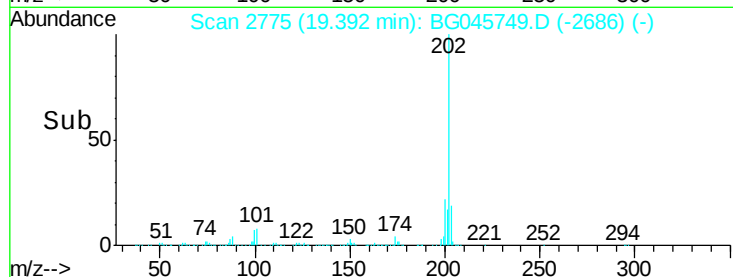
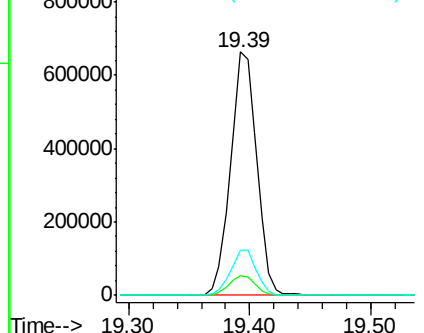
Tot Ion:	202	Resp:	999061
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.3
203	18.7	0.0	39.0



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

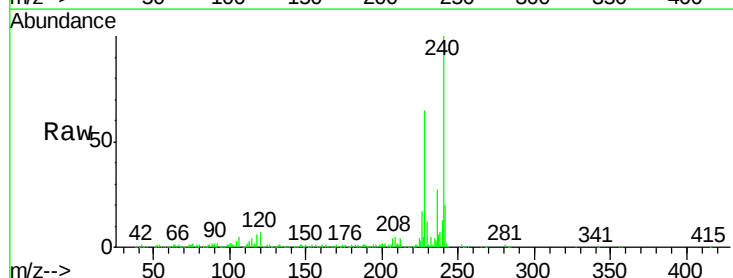
RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

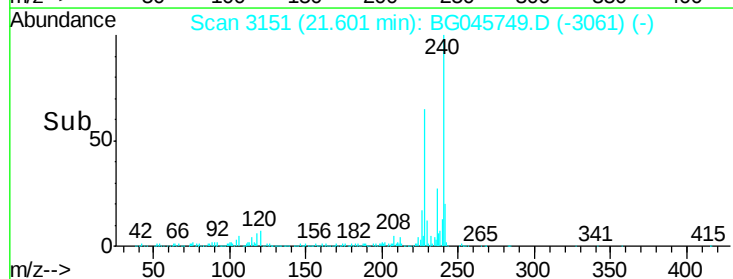
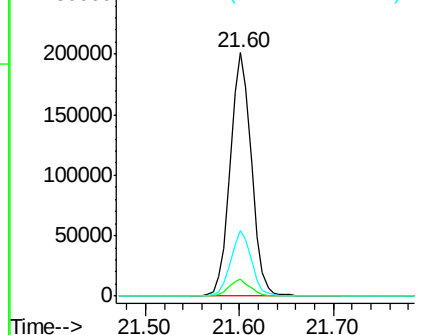
Tgt Ion:	240	Resp:	315391
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	26.8	22.3	33.5

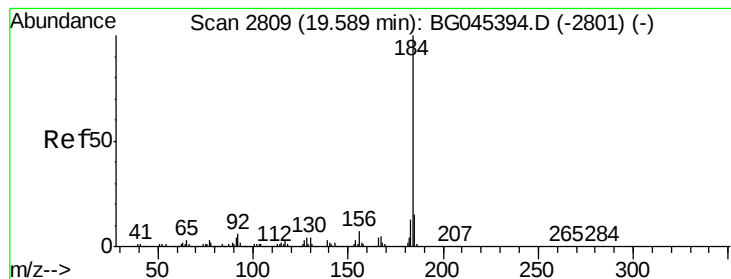


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.222 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.02 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

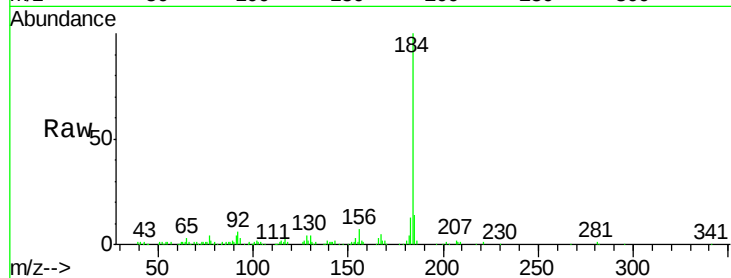
BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:184 Resp: 170268

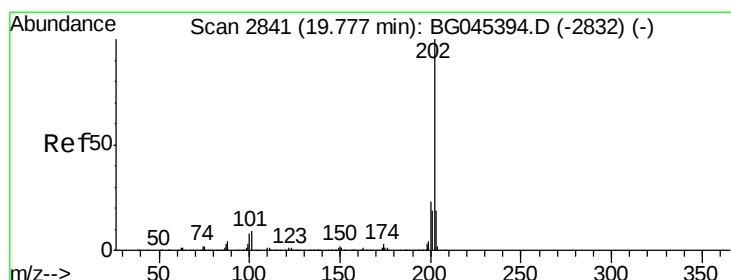
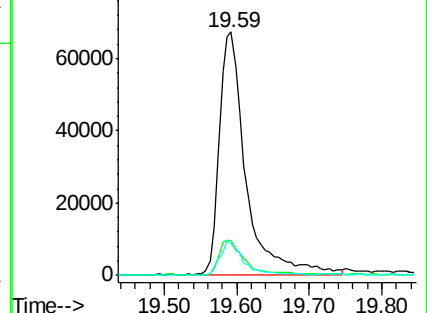
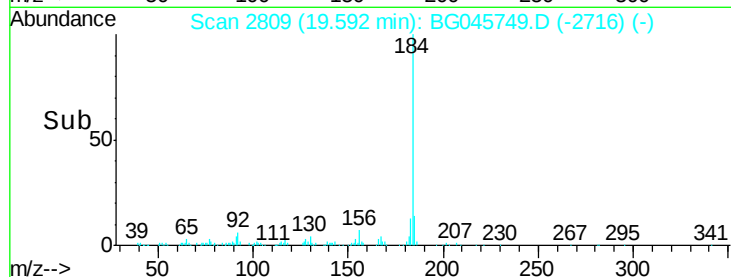
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	13.2	10.2	15.4



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: 55.139 ng

RT: 19.76 min Scan# 2837

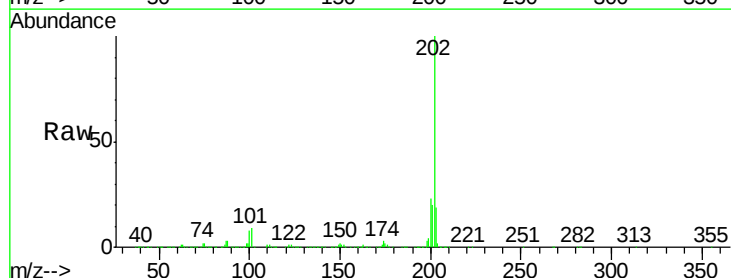
Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:202 Resp: 991314

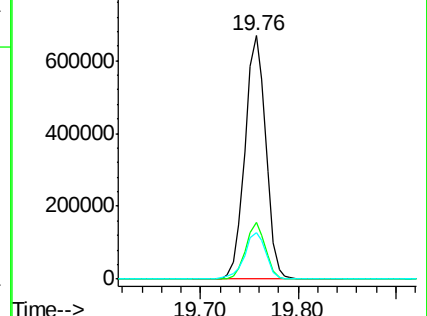
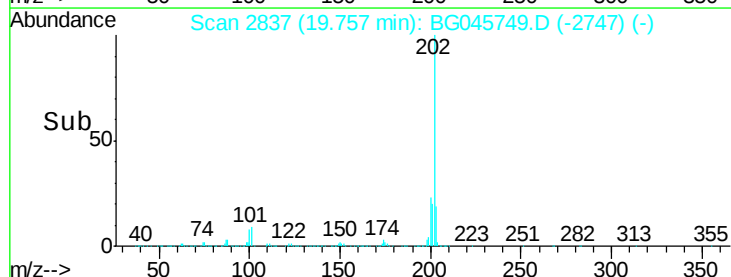
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.1	15.1	22.7

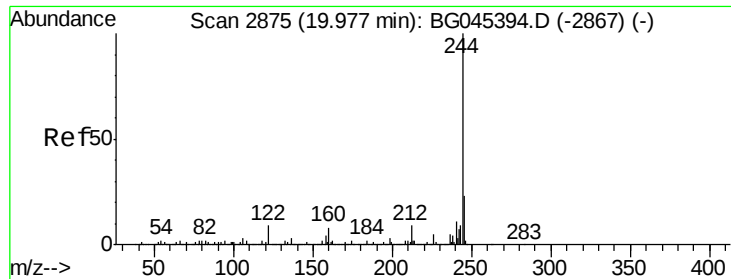


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.019 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

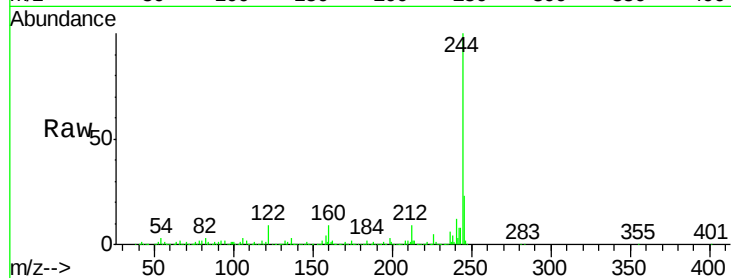
BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:244 Resp: 1460720

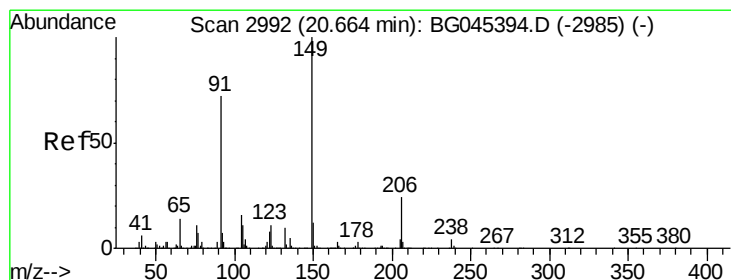
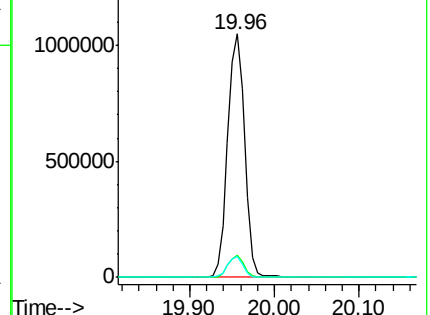
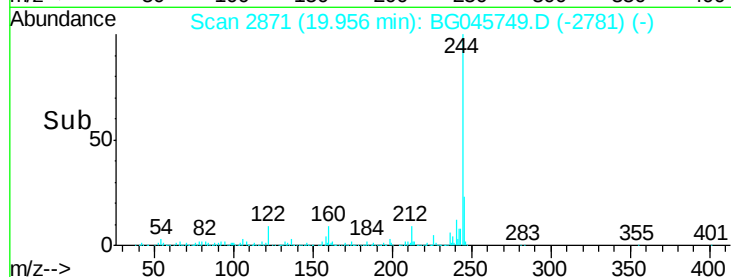
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.5	6.8	10.2



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: 52.374 ng

RT: 20.64 min Scan# 2988

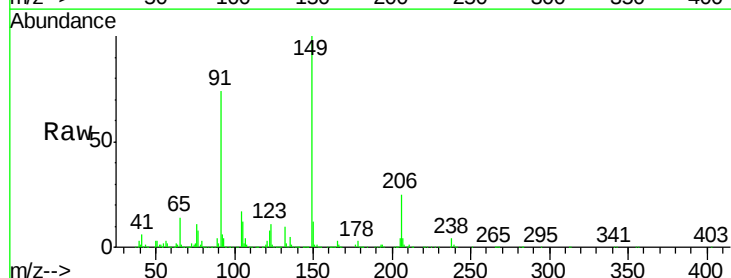
Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:149 Resp: 406430

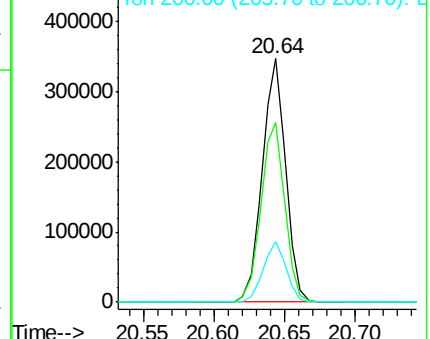
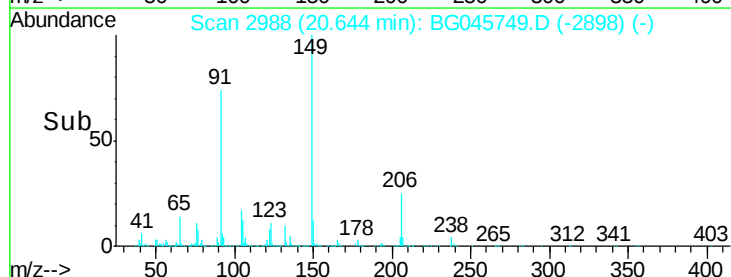
Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.8	86.6
206	24.7	19.1	28.7

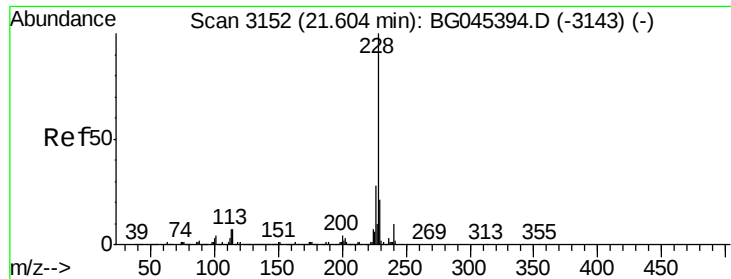


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.613 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

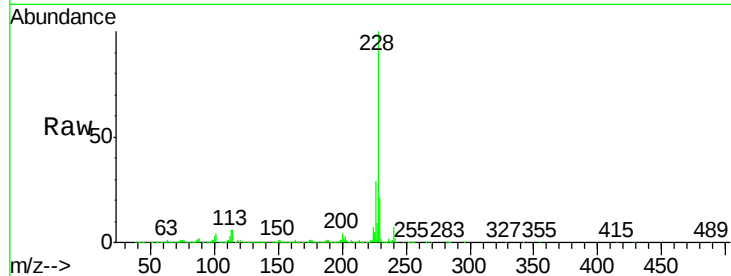
Tot Ion:228 Resp: 959516

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

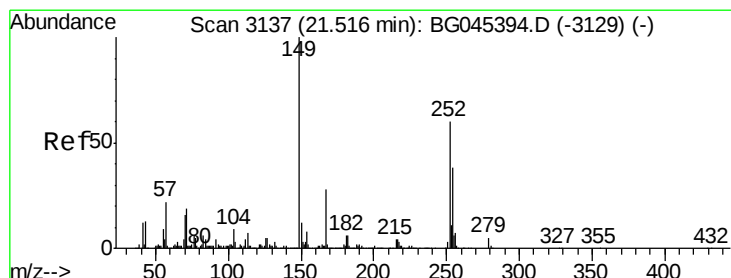
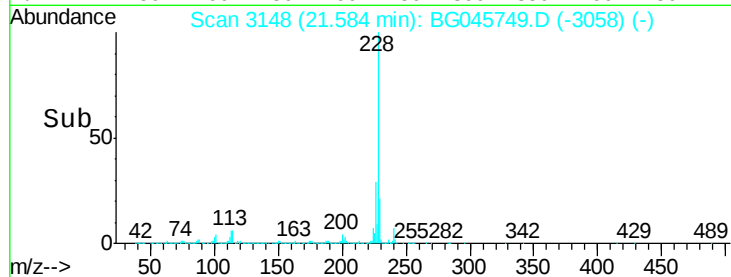
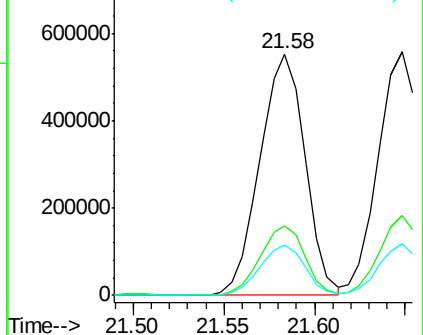
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.967 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

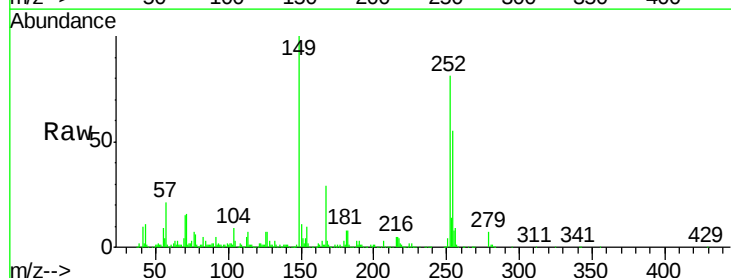
Tgt Ion:252 Resp: 309904

Ion Ratio Lower Upper

252 100

254 68.0 51.3 76.9

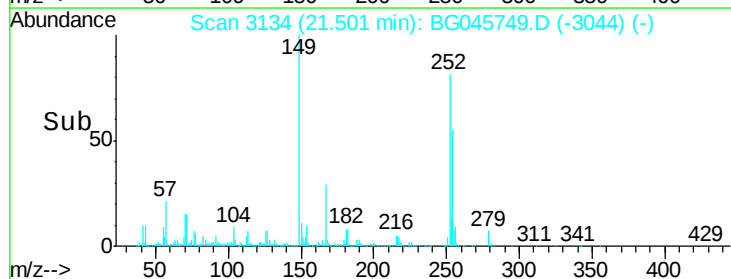
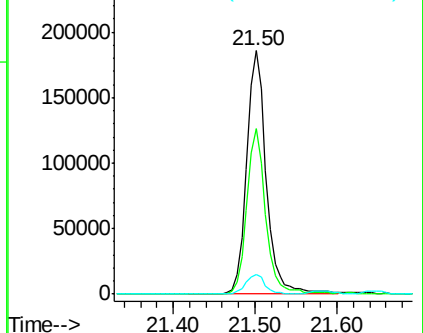
126 8.2 6.6 10.0



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

Chrvsene

Concen: 55.202 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

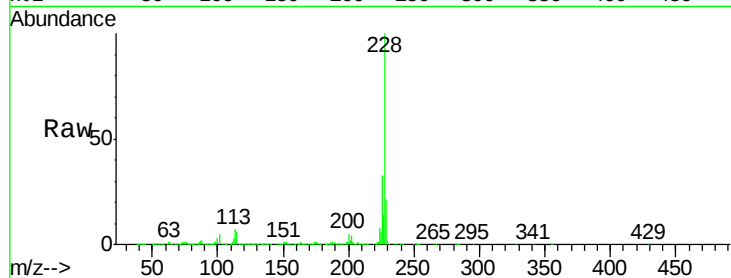
Tot Ion:228 Resp: 932558

Ion Ratio Lower Upper

228 100

226 32.9 25.2 37.8

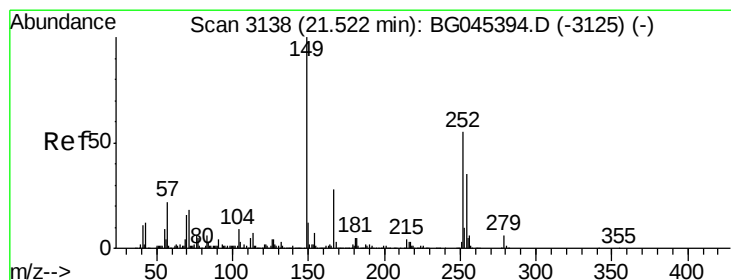
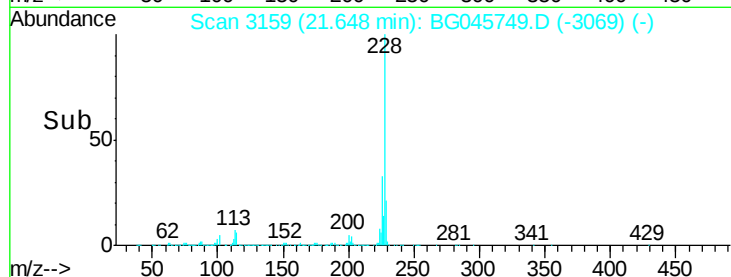
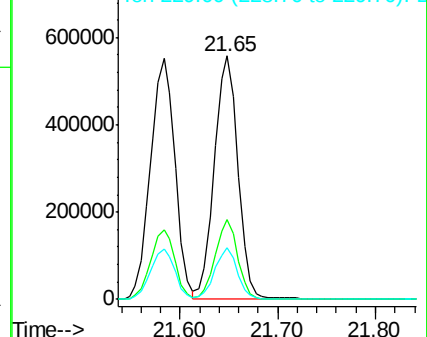
229 21.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.721 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

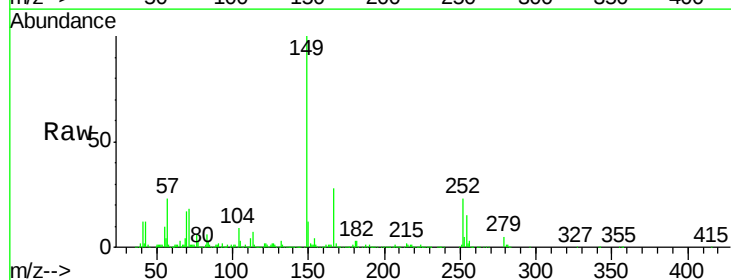
Tgt Ion:149 Resp: 573054

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

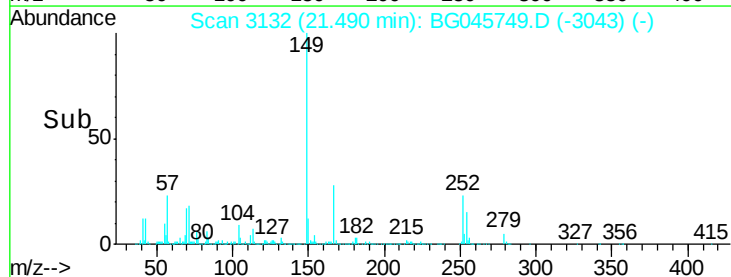
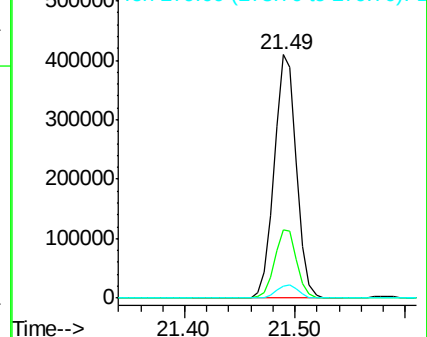
279 5.1 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.221 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

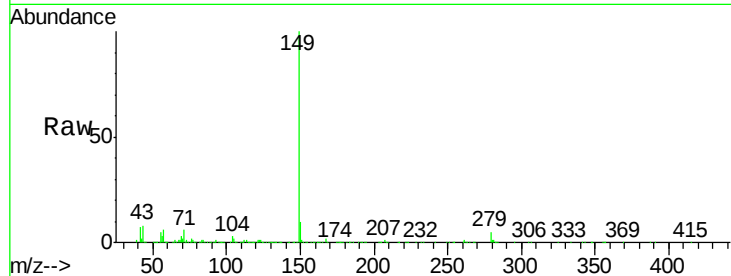
Tot Ion:149 Resp: 975081

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

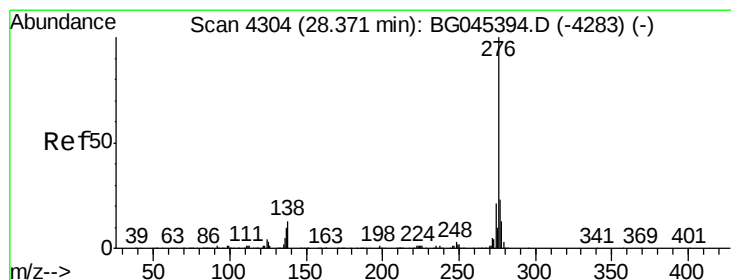
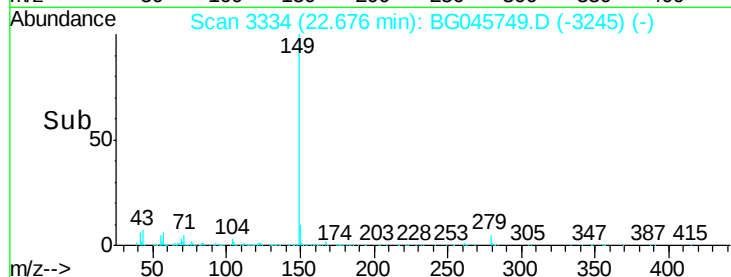
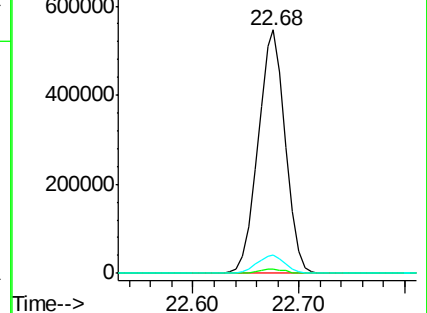
43 7.4 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.302 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

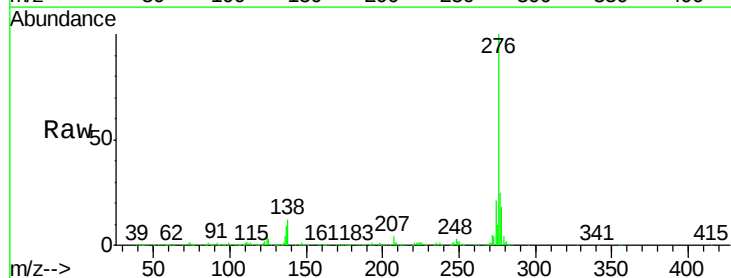
Tgt Ion:276 Resp: 1177516

Ion Ratio Lower Upper

276 100

138 14.1 8.6 12.8#

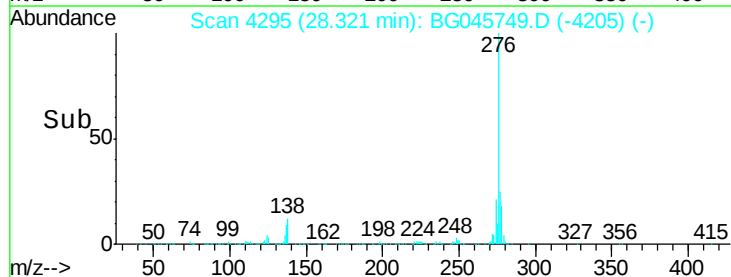
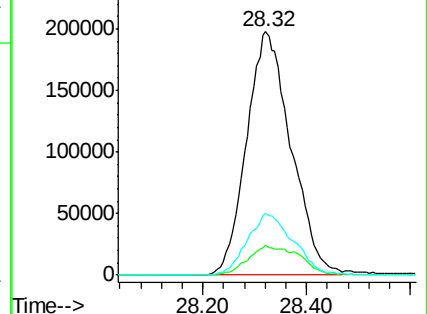
277 26.1 20.2 30.4

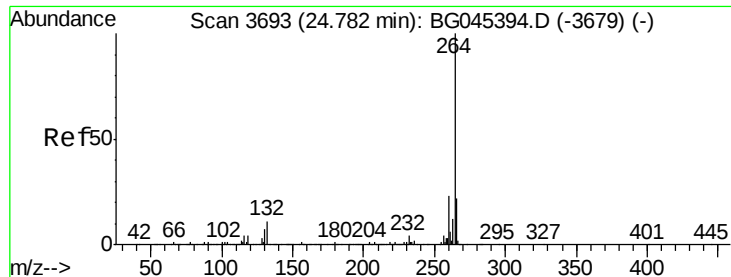


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

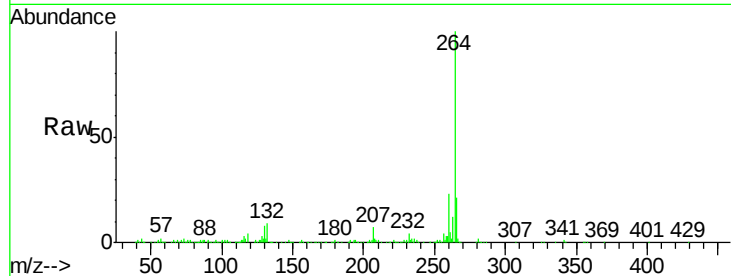
Tot Ion:264 Resp: 345982

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

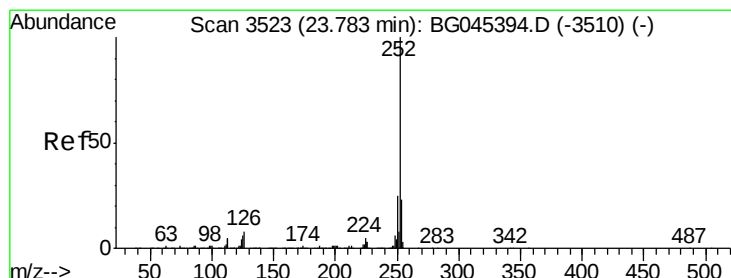
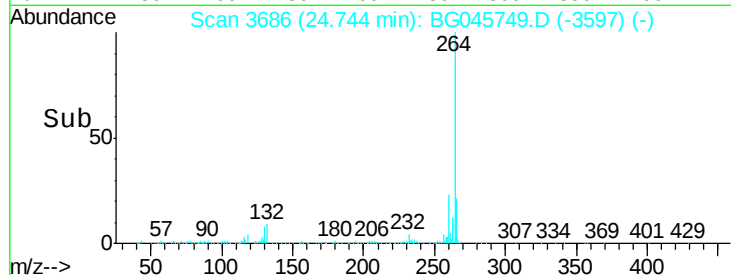
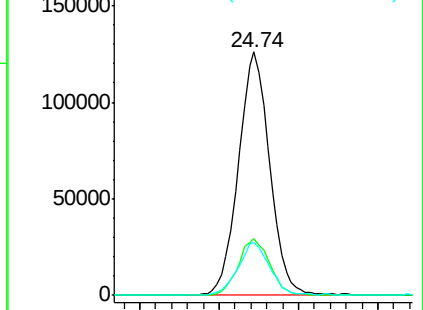
265 21.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.758 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

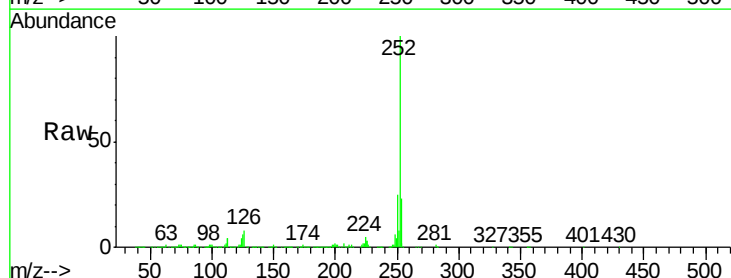
Tgt Ion:252 Resp: 1034614

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

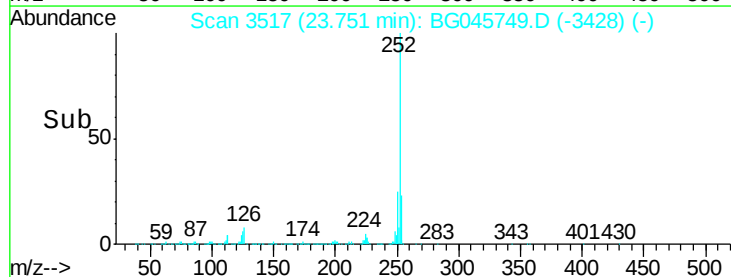
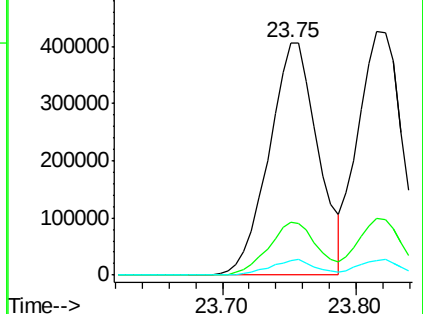
125 6.5 5.0 7.6



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





#89

Benzo(k)fluoranthene

Concen: 55.659 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610MS

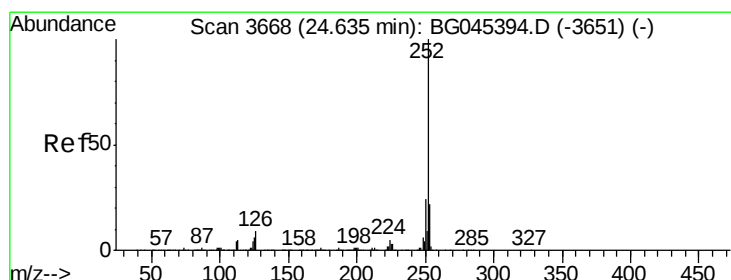
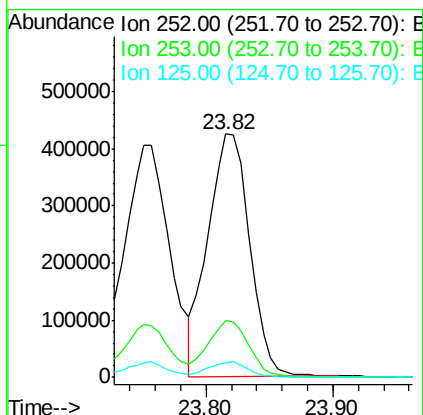
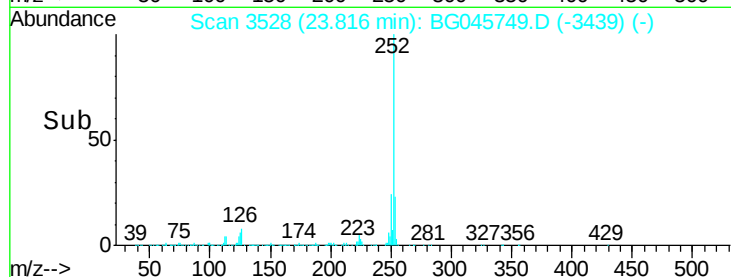
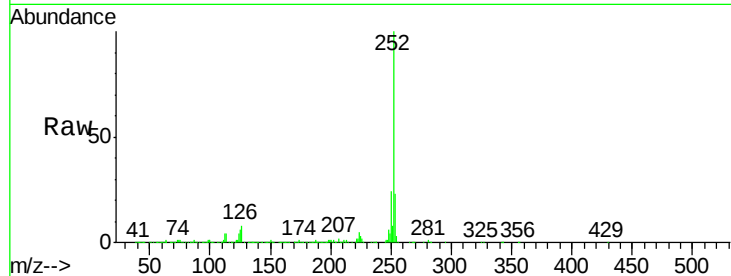
Tot Ion:252 Resp: 970279

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

125 6.0 5.7 8.5



#90

Benzo(a)pyrene

Concen: 54.327 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

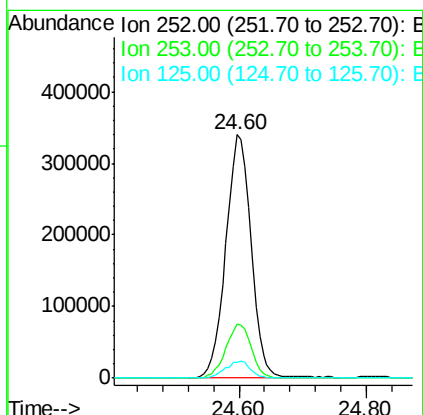
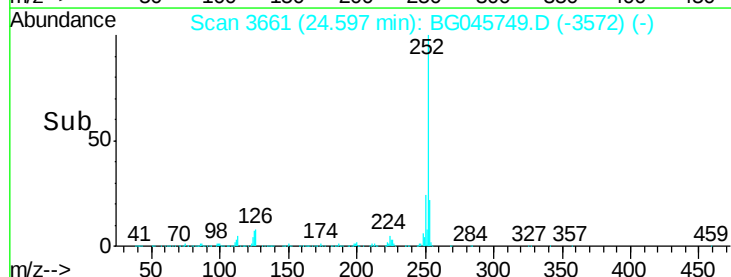
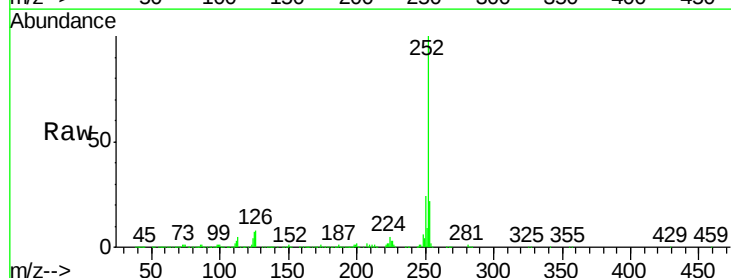
Tgt Ion:252 Resp: 938837

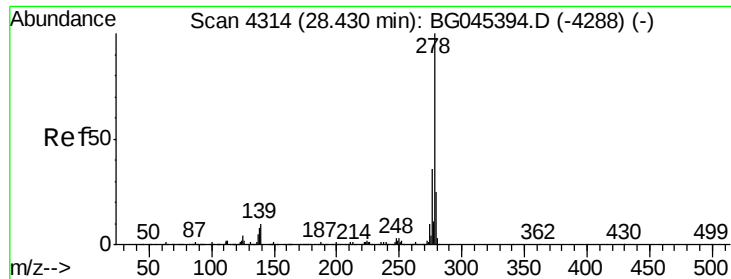
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 55.838 ng

RT: 28.39 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Instrument :

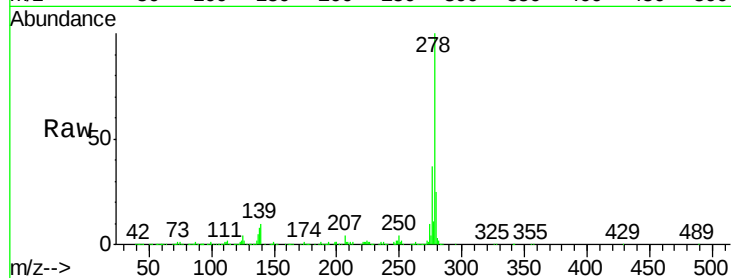
BNA_G

ClientSampleId :

SS043MW014-200610MS

Tot Ion:278 Resp: 969667

Ion	Ratio	Lower	Upper
278	100		
139	10.1	7.8	11.8
279	24.5	19.8	29.8

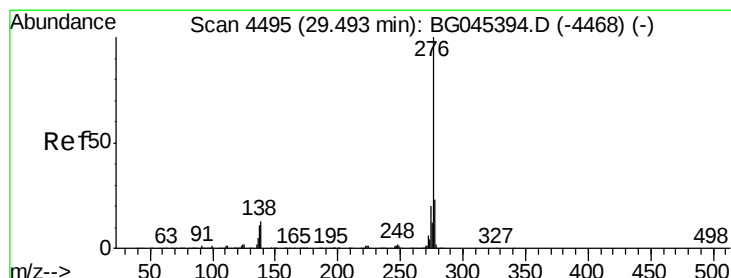
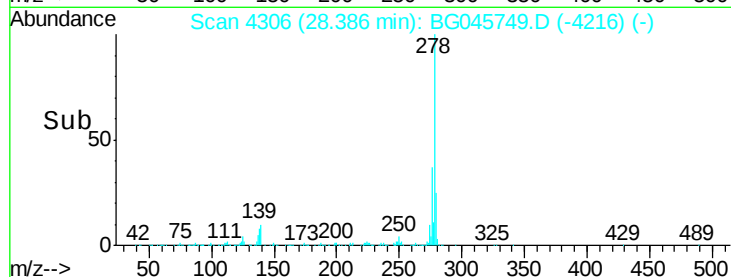
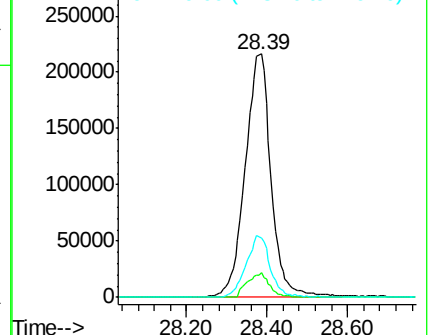


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.486 ng

RT: 29.44 min Scan# 4485

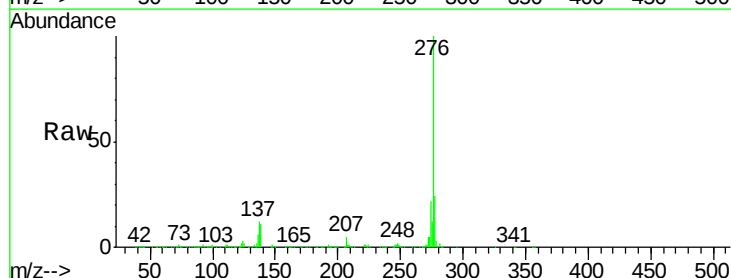
Delta R.T. -0.00 min

Lab File: BG045749.D

Acq: 12 Jun 2020 20:44

Tgt Ion:276 Resp: 963683

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	11.4	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

