

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045743.D
 Acq On : 12 Jun 2020 16:41
 Operator : CG/JU
 Sample : PB129506BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Quant Time: Jun 12 18:36:47 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	59010	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	242833	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170764	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	386727	20.00	ng	0.00
76) Chrysene-d12	21.60	240	343581	20.00	ng	0.00
87) Perylene-d12	24.74	264	371715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	463880	153.63	ng	0.03
7) Phenol-d6	7.19	99	658220	153.16	ng	0.04
23) Nitrobenzene-d5	9.11	82	426504	95.78	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	298998	136.91	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	939828	93.35	ng	0.00
79) Terphenyl-d14	19.96	244	1456360	98.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	60098	40.137	ng	94
3) Pyridine	3.80	79	171500	41.125	ng	97
4) n-Nitrosodimethylamine	3.72	42	72123	52.853	ng	94
6) Aniline	7.28	93	214791	38.286	ng	95
8) 2-Chlorophenol	7.54	128	184056	55.585	ng	98
9) Benzaldehyde	7.08	77	124271	44.382	ng	98
10) Phenol	7.21	94	246964	55.757	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	168728	48.838	ng	95
12) 1,3-Dichlorobenzene	7.84	146	193736	48.687	ng	99
13) 1,4-Dichlorobenzene	7.98	146	193110	49.176	ng	94
14) 1,2-Dichlorobenzene	8.30	146	186836	49.468	ng	94
15) Benzyl Alcohol	8.21	79	184964	52.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	163108	49.736	ng	98
17) 2-Methylphenol	8.45	107	165460	49.908	ng	96
18) Hexachloroethane	9.03	117	75583	50.255	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	158933	53.479	ng	97
20) 3+4-Methylphenols	8.78	107	220399	48.819	ng	# 54
22) Acetophenone	8.77	105	275333	47.839	ng	# 92
24) Nitrobenzene	9.15	77	234951	49.246	ng	95
25) Isophorone	9.68	82	421095	48.017	ng	98
26) 2-Nitrophenol	9.87	139	103356	50.641	ng	95
27) 2,4-Dimethylphenol	9.96	122	168034	55.511	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	233982	50.875	ng	97
29) 2,4-Dichlorophenol	10.44	162	187460	52.442	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	201881	47.795	ng	98
31) Naphthalene	10.80	128	548943	48.511	ng	99
32) Benzoic acid	10.16	122	93459	45.940	ng	# 83
33) 4-Chloroaniline	10.93	127	117068	24.750	ng	96
34) Hexachlorobutadiene	11.09	225	139652	46.773	ng	98
35) Caprolactam	11.70	113	63802	48.627	ng	# 86
36) 4-Chloro-3-methylphenol	12.10	107	216142	53.660	ng	97
37) 2-Methylnaphthalene	12.41	142	423037	50.158	ng	98
38) 1-Methylnaphthalene	12.63	142	395667	49.663	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	233562	48.968	ng	99

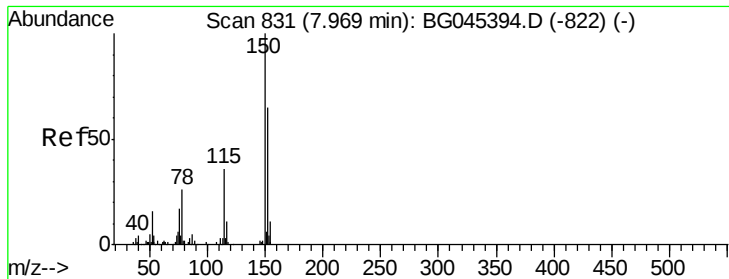
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045743.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	283943	103.140	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	167219	50.469	ng	95
44) 2,4,5-Trichlorophenol	13.14	196	177081	46.769	ng	98
46) 1,1'-Biphenyl	13.42	154	536397	51.121	ng	99
47) 2-Chloronaphthalene	13.46	162	417322	48.979	ng	99
48) 2-Nitroaniline	13.68	65	136570	48.727	ng	95
49) Acenaphthylene	14.32	152	665858	48.653	ng	99
50) Dimethylphthalate	14.05	163	557426	47.585	ng	98
51) 2,6-Dinitrotoluene	14.17	165	127065	48.070	ng	98
52) Acenaphthene	14.66	154	404054	44.105	ng	99
53) 3-Nitroaniline	14.52	138	81425	30.303	ng	94
54) 2,4-Dinitrophenol	14.72	184	114189	66.905	ng	97
55) Dibenzofuran	14.99	168	657937	48.362	ng	96
56) 4-Nitrophenol	14.90	139	156059	76.711	ng	87
57) 2,4-Dinitrotoluene	14.96	165	179887	46.989	ng	96
58) Fluorene	15.64	166	546046	48.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	168457	50.571	ng	99
60) Diethylphthalate	15.42	149	571515	46.874	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	297866	46.573	ng	98
62) 4-Nitroaniline	15.69	138	112524	40.113	ng	99
63) Azobenzene	15.93	77	565604	49.750	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103386	45.903	ng	91
66) n-Nitrosodiphenylamine	15.86	169	484000	52.125	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	208218	49.722	ng	96
68) Hexachlorobenzene	16.65	284	222656	50.836	ng	98
69) Atrazine	16.81	200	179446	46.920	ng	98
70) Pentachlorophenol	17.01	266	203964	89.685	ng	99
71) Phenanthrene	17.38	178	850215	50.360	ng	100
72) Anthracene	17.48	178	867702	51.179	ng	99
73) Carbazole	17.75	167	772855	46.765	ng	99
74) Di-n-butylphthalate	18.31	149	938021	47.289	ng	100
75) Fluoranthene	19.40	202	1008064	46.944	ng	99
77) Benzidine	19.58	184	399497	41.400	ng	99
78) Pyrene	19.76	202	990698	50.583	ng	99
80) Butylbenzylphthalate	20.64	149	409036	48.385	ng	98
81) Benzo(a)anthracene	21.58	228	941441	49.188	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	277244	36.927	ng	98
83) Chrysene	21.65	228	923248	50.167	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	576445	49.605	ng	99
85) Di-n-octyl phthalate	22.68	149	960002	48.099	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1161528	48.264	ng	# 97
88) Benzo(b)fluoranthene	23.76	252	1026074	51.470	ng	100
89) Benzo(k)fluoranthene	23.82	252	965809	51.567	ng	98
90) Benzo(a)pyrene	24.60	252	921245	49.619	ng	96
91) Dibenzo(a,h)anthracene	28.38	278	941520	50.463	ng	99
92) Benzo(g,h,i)perylene	29.43	276	946988	50.750	ng	100

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

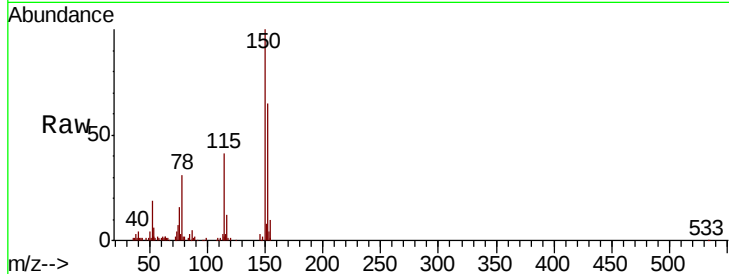


#1

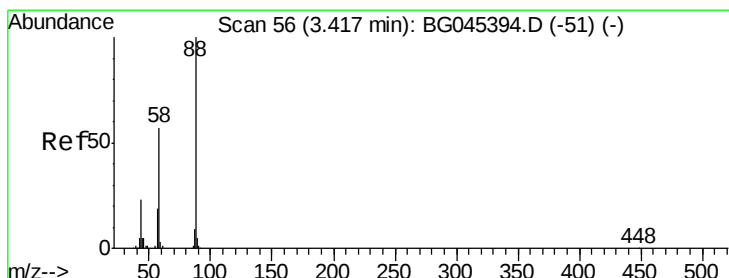
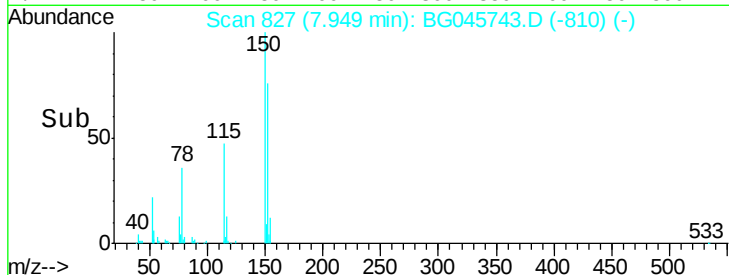
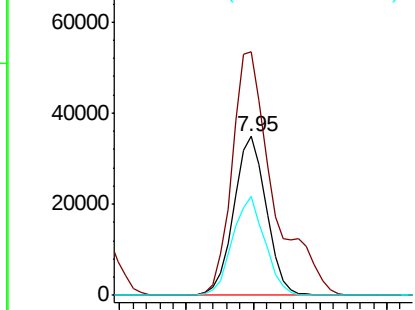
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:152 Resp: 59010
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 62.2 44.2 66.4



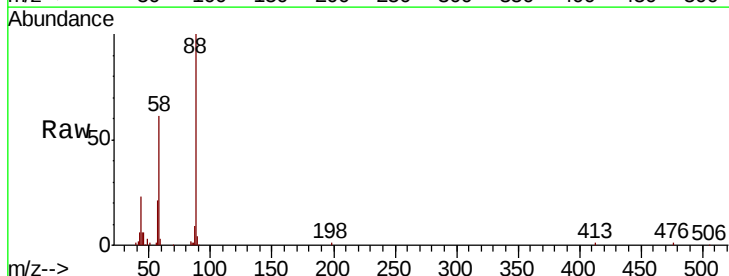
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



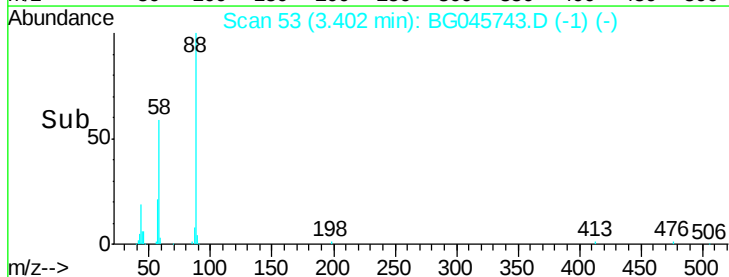
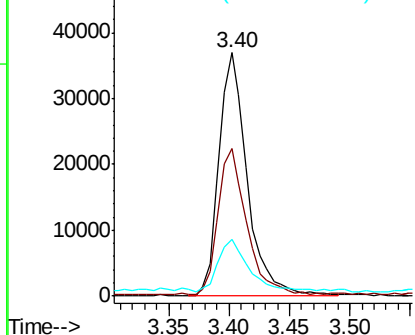
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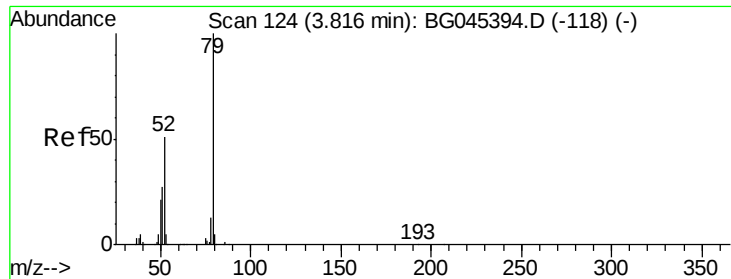
1,4-Dioxane
Concen: 40.137 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion: 88 Resp: 60098
Ion Ratio Lower Upper
88 100
58 61.0 45.7 68.5
43 24.0 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: 41.125 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

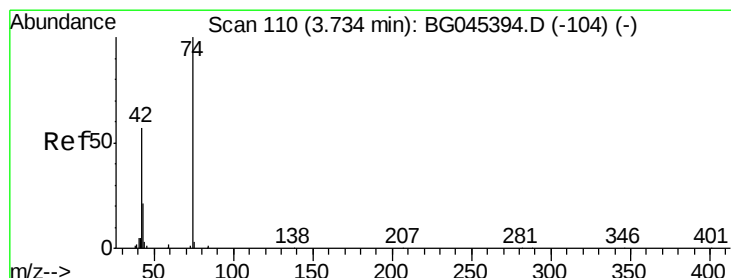
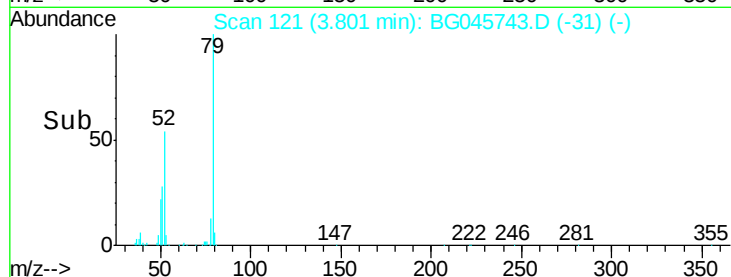
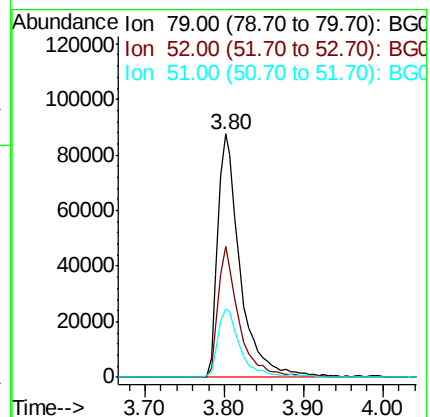
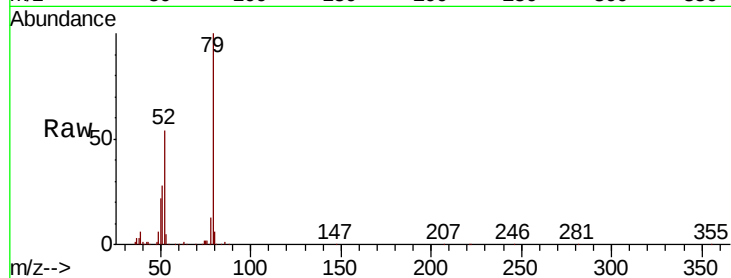
Tot Ion: 79 Resp: 171500

Ion Ratio Lower Upper

79 100

52 53.8 40.8 61.2

51 28.2 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 52.853 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

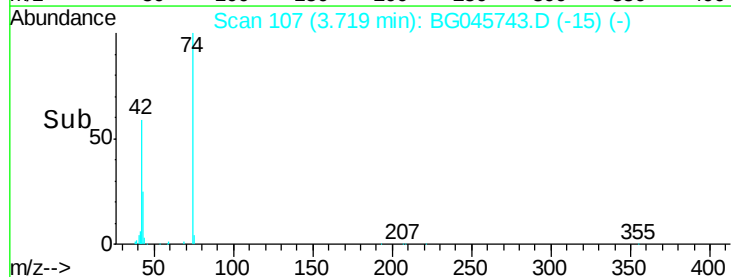
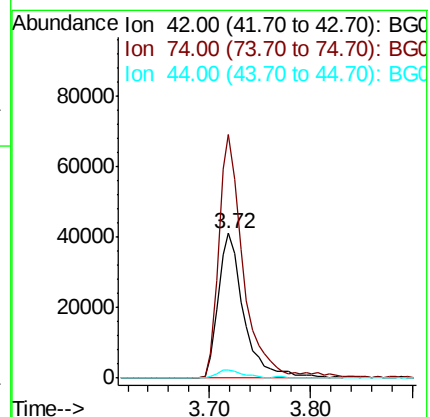
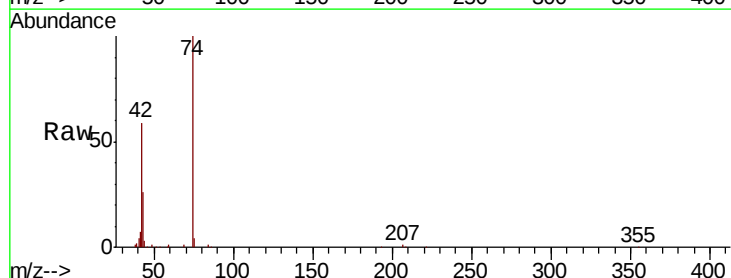
Tgt Ion: 42 Resp: 72123

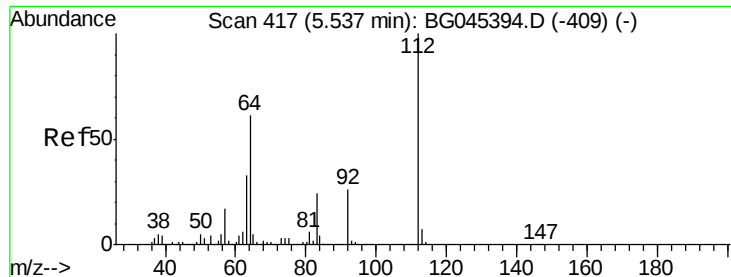
Ion Ratio Lower Upper

42 100

74 168.2 141.3 211.9

44 5.7 4.2 6.4





#5

2-Fluorophenol

Concen: 153.628 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.03 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

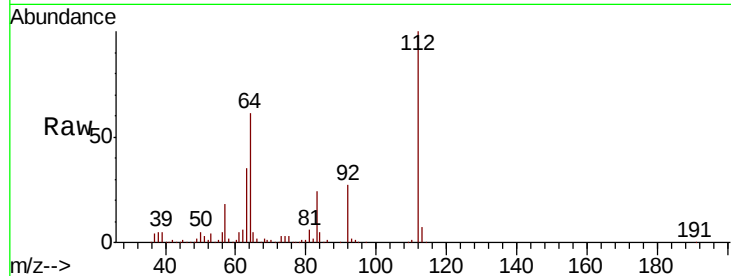
Tot Ion:112 Resp: 463880

Ion Ratio Lower Upper

112 100

64 61.4 48.6 72.8

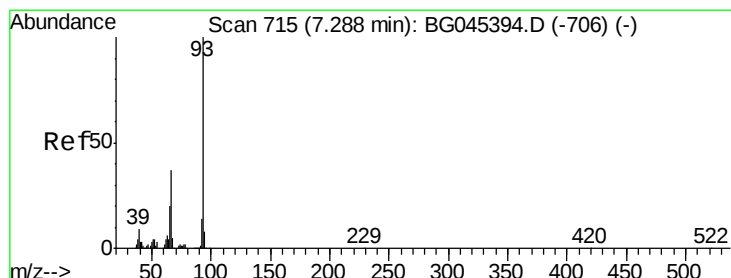
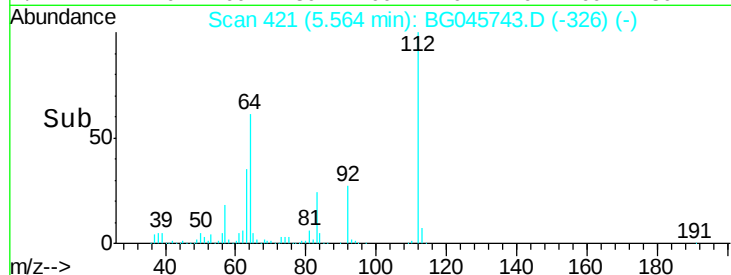
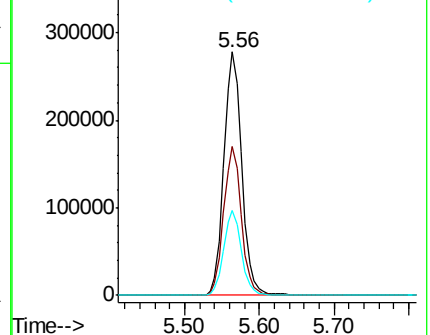
63 35.0 26.5 39.7



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: 38.286 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

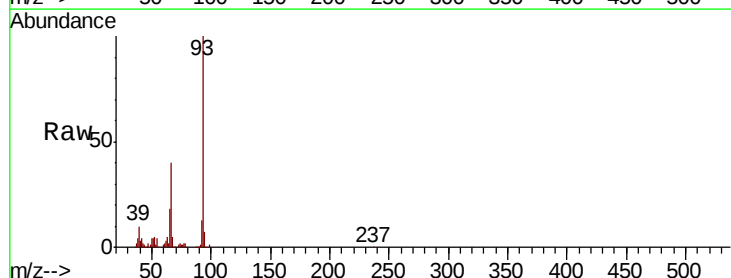
Tgt Ion: 93 Resp: 214791

Ion Ratio Lower Upper

93 100

66 40.2 29.6 44.4

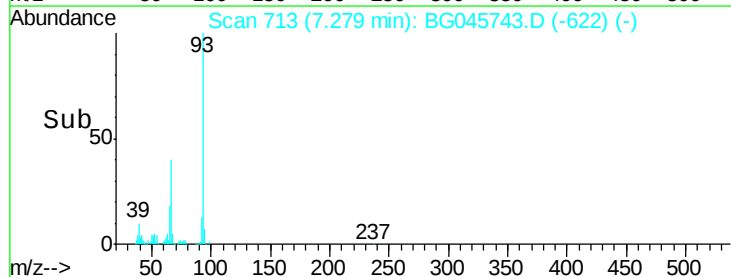
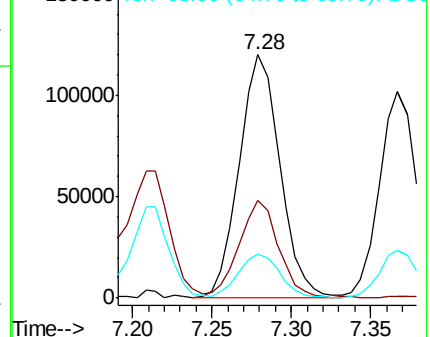
65 18.3 15.9 23.9

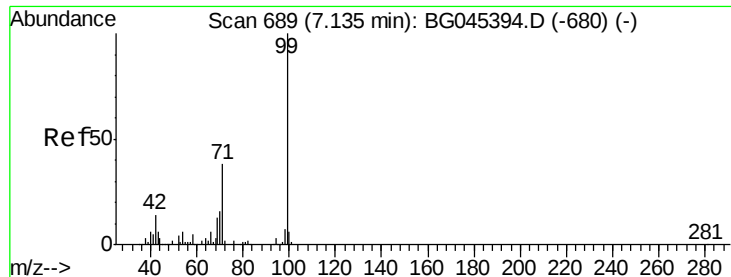


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.158 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.04 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

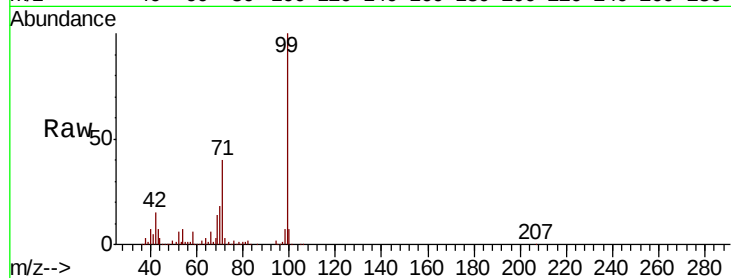
Tot Ion: 99 Resp: 658220

Ion Ratio Lower Upper

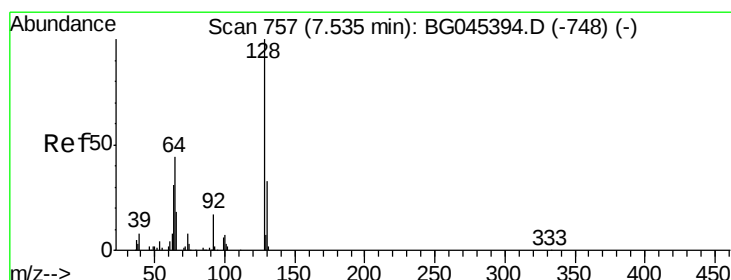
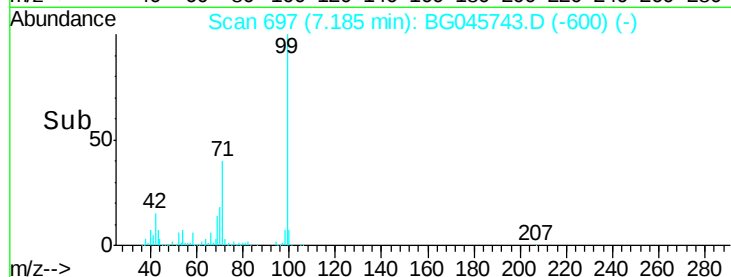
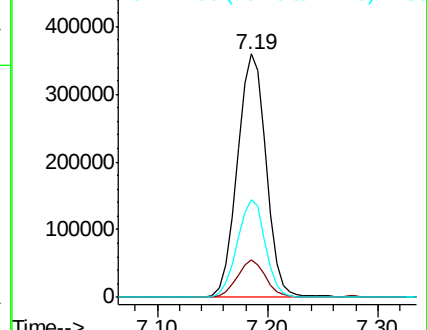
99 100

42 15.4 11.3 16.9

71 40.2 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: 55.585 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

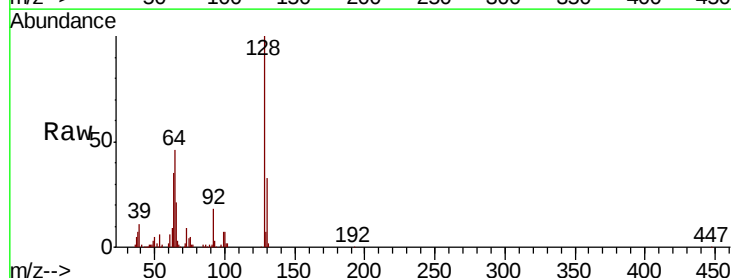
Tgt Ion: 128 Resp: 184056

Ion Ratio Lower Upper

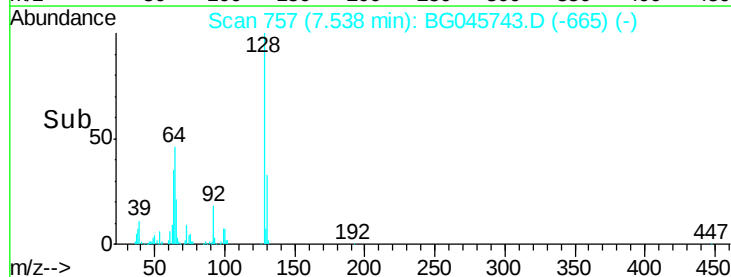
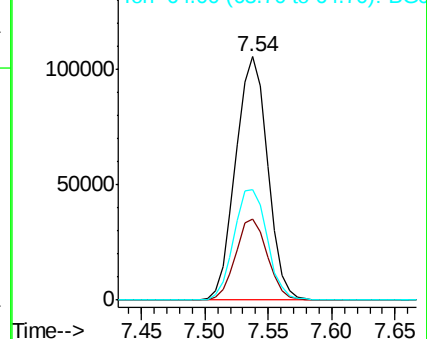
128 100

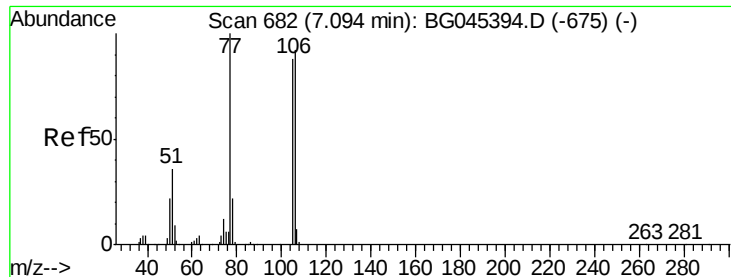
130 33.3 12.6 52.6

64 45.5 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: 44.382 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

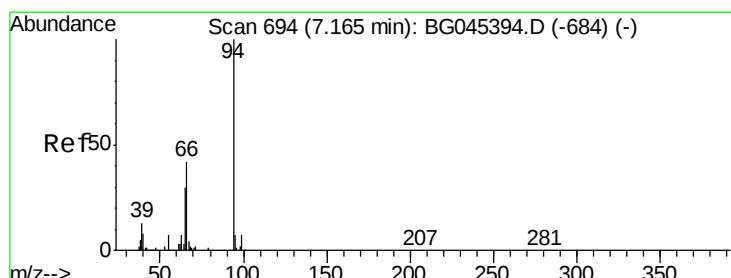
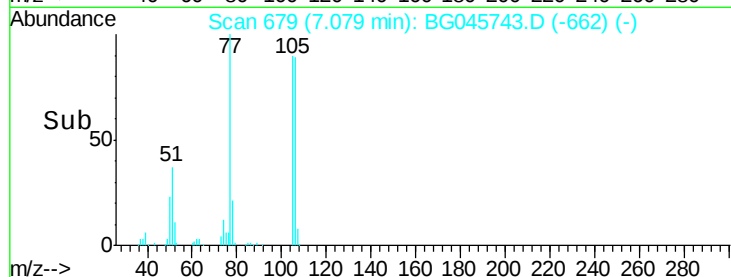
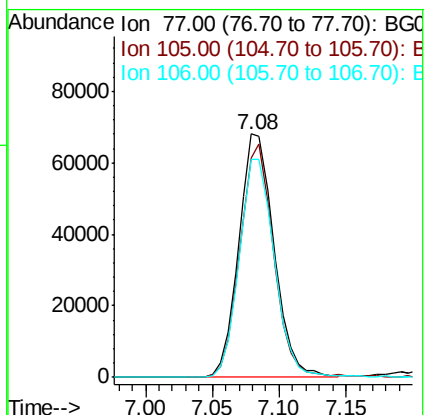
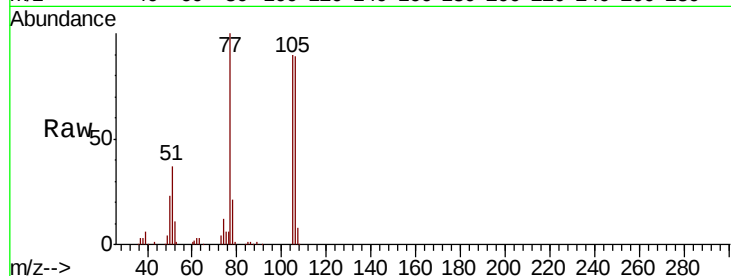
Tot Ion: 77 Resp: 124271

Ion Ratio Lower Upper

77 100

105 90.0 68.5 108.5

106 89.3 71.6 111.6



#10

Phenol

Concen: 55.757 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.04 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

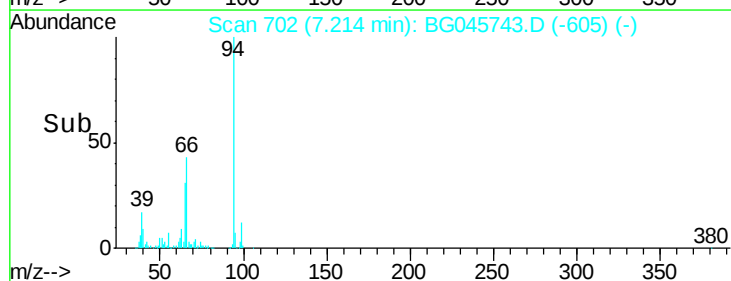
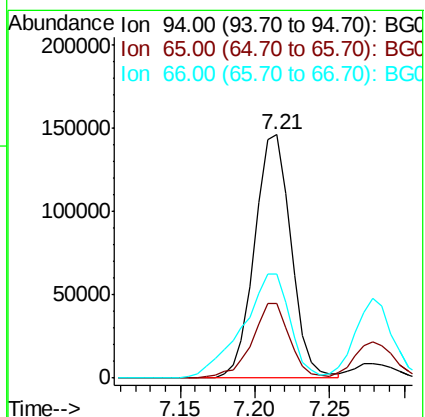
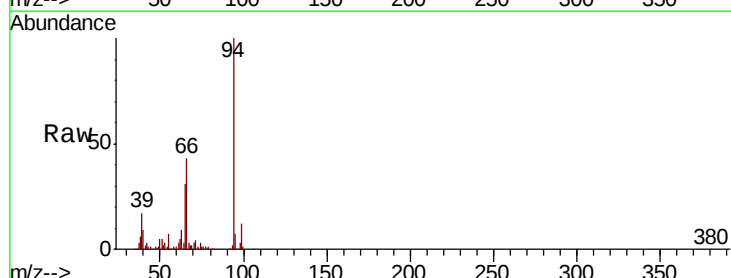
Tgt Ion: 94 Resp: 246964

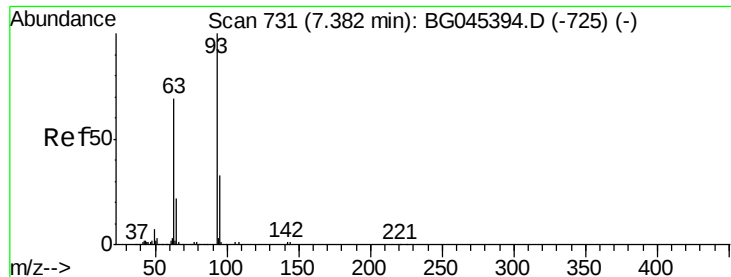
Ion Ratio Lower Upper

94 100

65 30.7 9.8 49.8

66 42.8 22.0 62.0

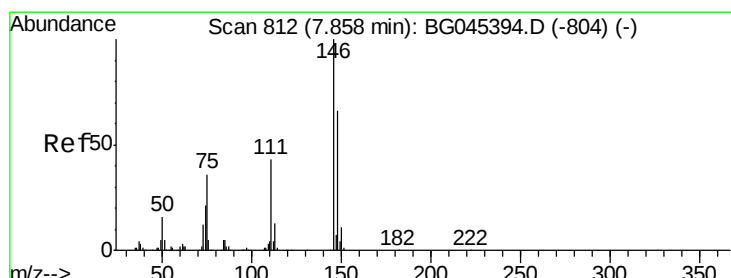
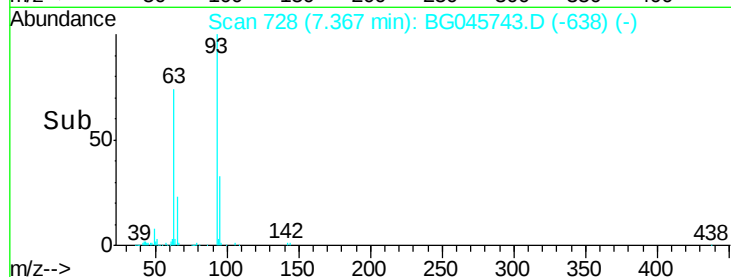
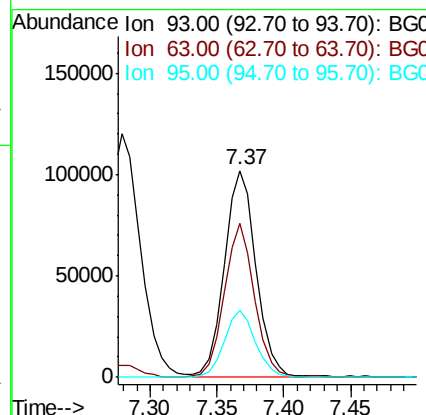
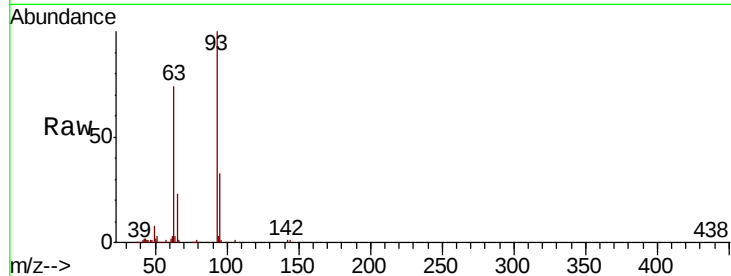




#11
 bis(2-Chloroethyl)ether
 Concen: 48.838 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

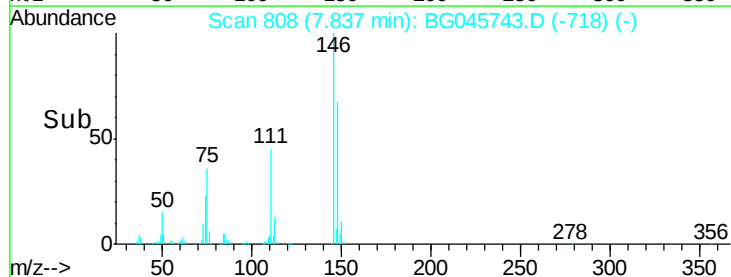
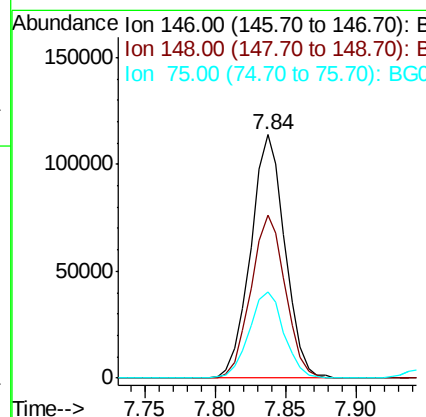
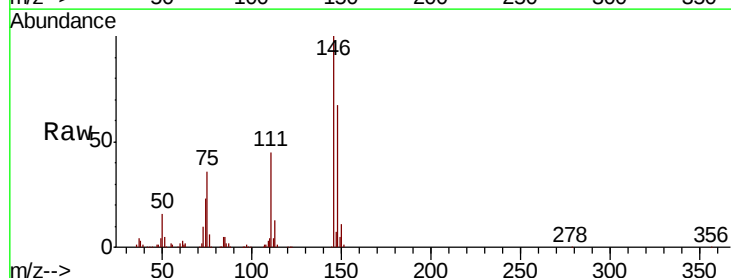
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Tot Ion: 93 Resp: 168728
 Ion Ratio Lower Upper
 93 100
 63 74.3 48.4 88.4
 95 32.6 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 48.687 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion: 146 Resp: 193736
 Ion Ratio Lower Upper
 146 100
 148 67.1 53.2 79.8
 75 35.5 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 49.176 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

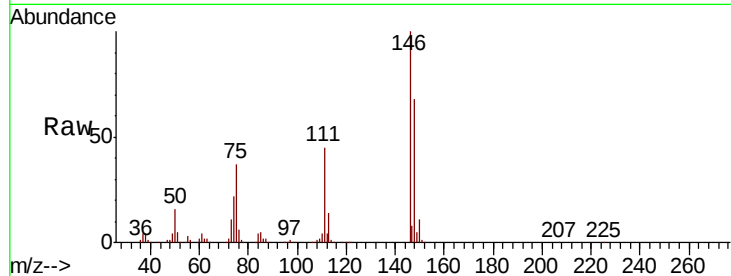
Tot Ion:146 Resp: 193110

Ion Ratio Lower Upper

146 100

148 68.3 51.8 77.8

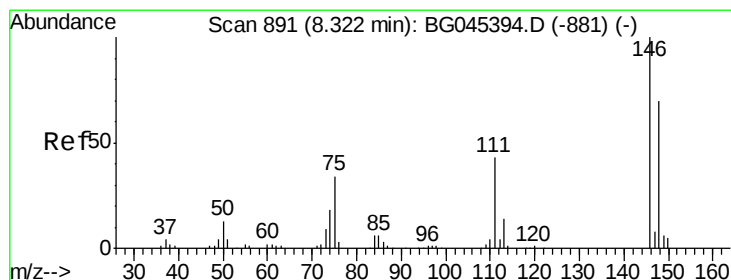
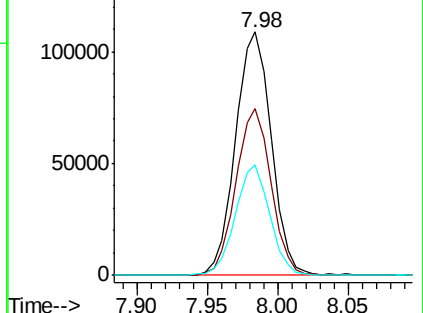
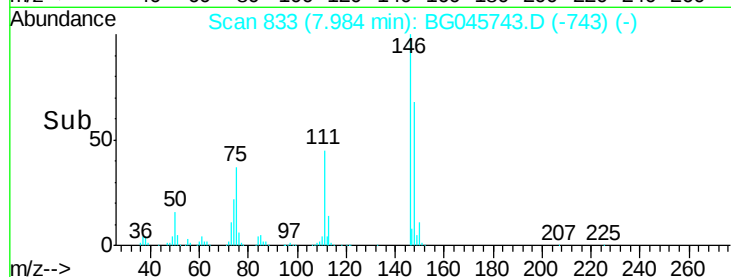
111 45.2 32.1 48.1



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: 49.468 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

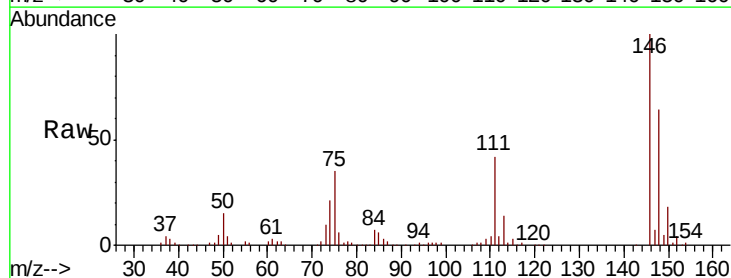
Tgt Ion:146 Resp: 186836

Ion Ratio Lower Upper

146 100

148 64.1 55.9 83.9

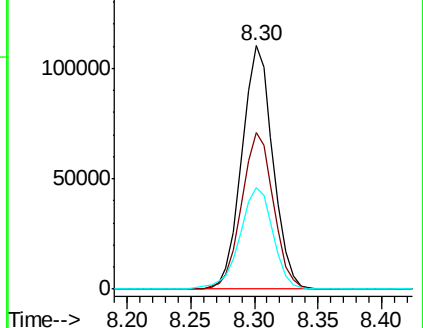
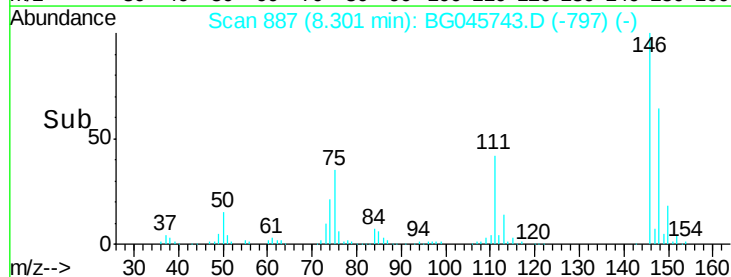
111 41.7 35.0 52.4

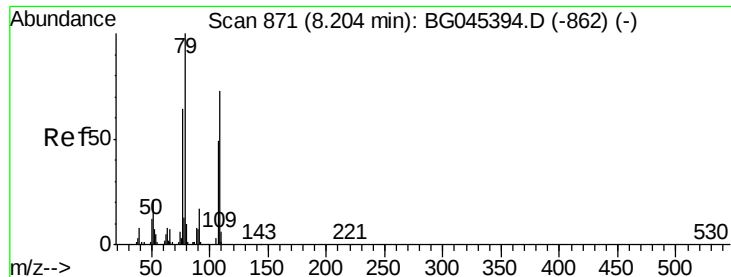


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.099 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

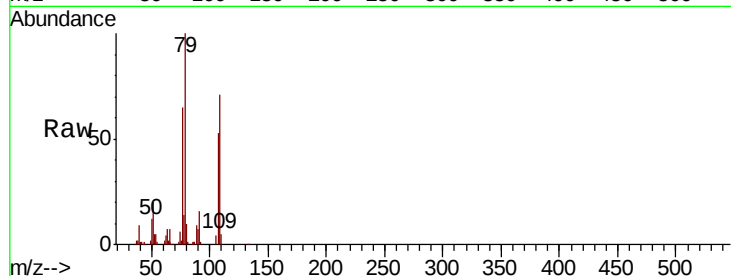
Tot Ion: 79 Resp: 184964

Ion Ratio Lower Upper

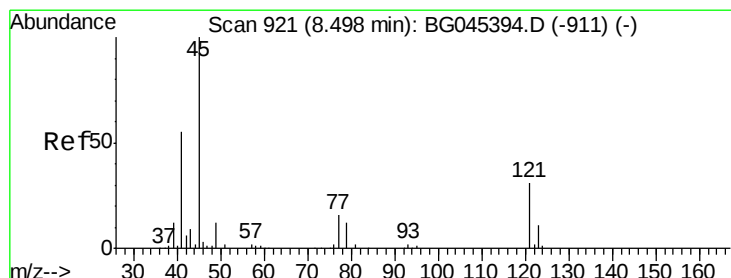
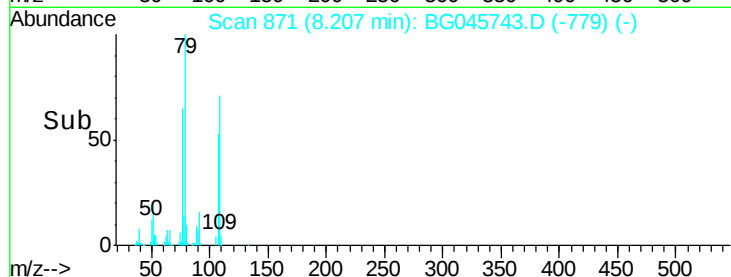
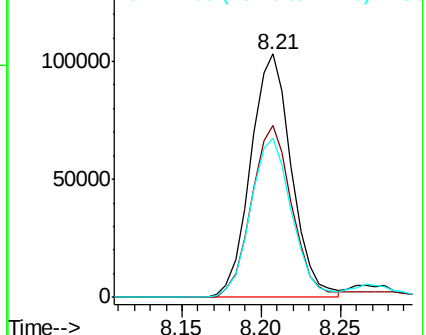
79 100

108 70.8 58.2 87.4

77 65.3 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: 49.736 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

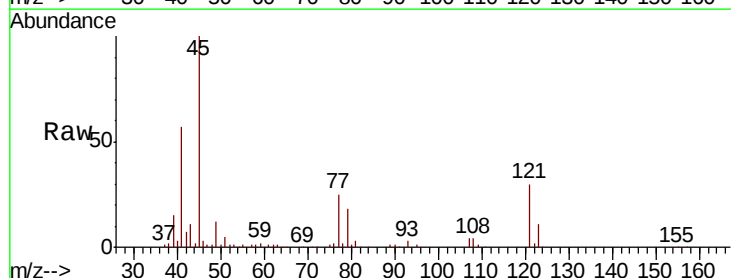
Tgt Ion: 45 Resp: 163108

Ion Ratio Lower Upper

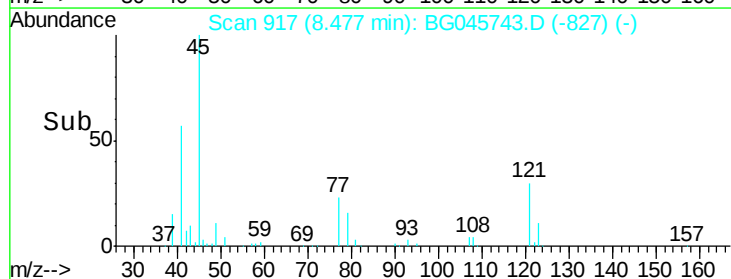
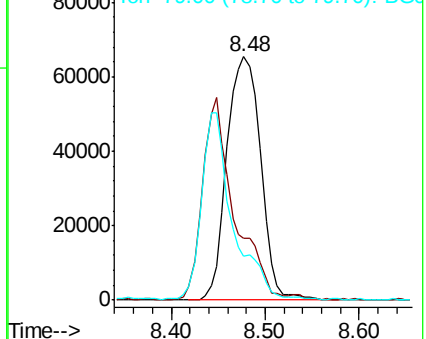
45 100

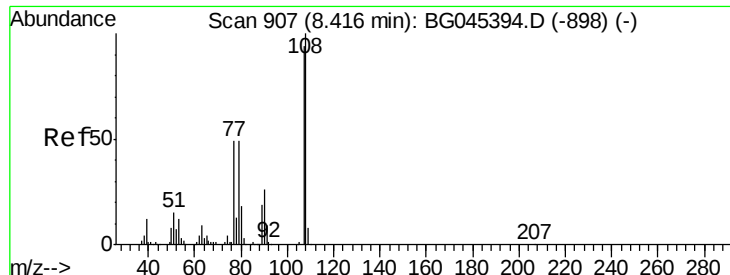
77 25.5 4.0 44.0

79 17.9 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

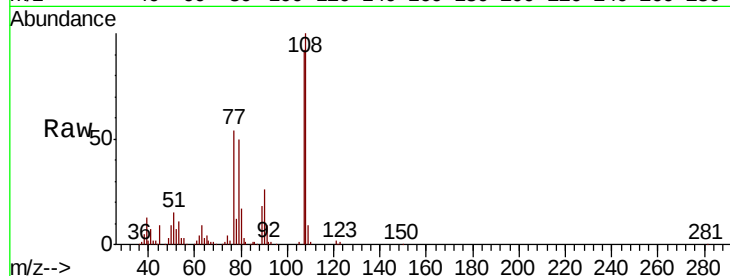




#17
2-Methylphenol
Concen: 49.908 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.03 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:	107	Resp:	165460
Ion	Ratio	Lower	Upper
107	100		
108	108.1	85.2	127.8
77	58.7	41.6	62.4
79	54.5	41.8	62.8



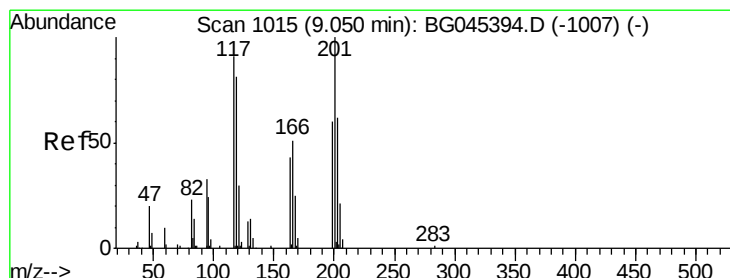
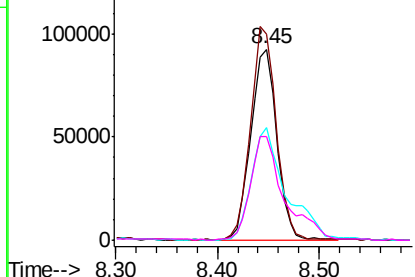
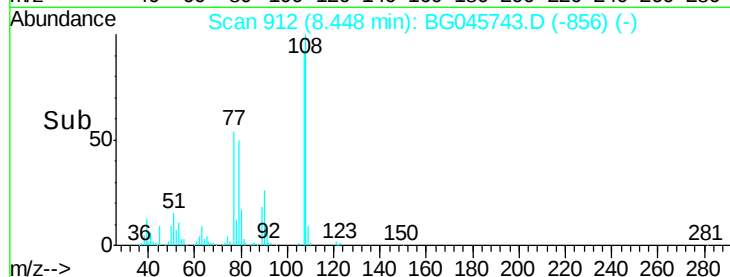
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

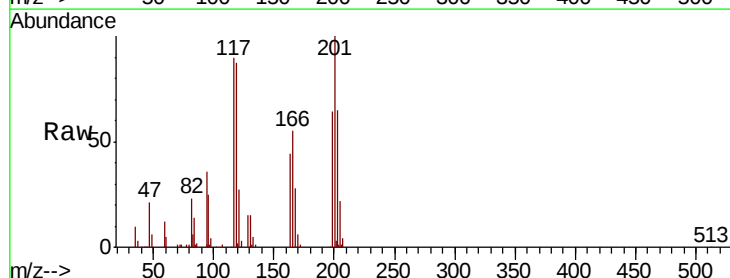
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 50.255 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:	117	Resp:	75583
Ion	Ratio	Lower	Upper
117	100		
119	96.0	71.3	106.9
201	110.9	87.5	131.3

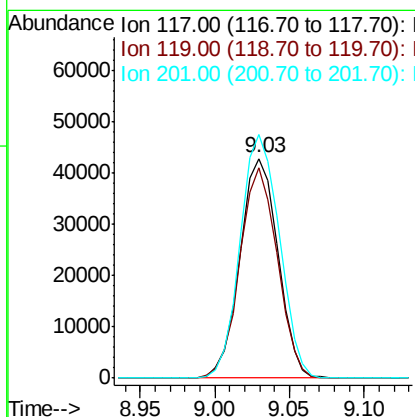
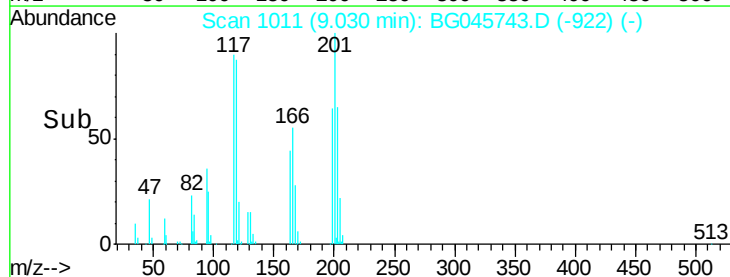


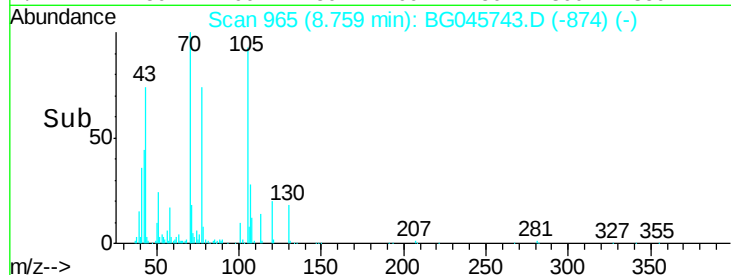
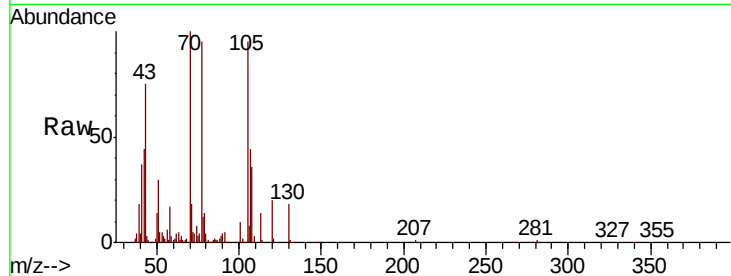
Abundance

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

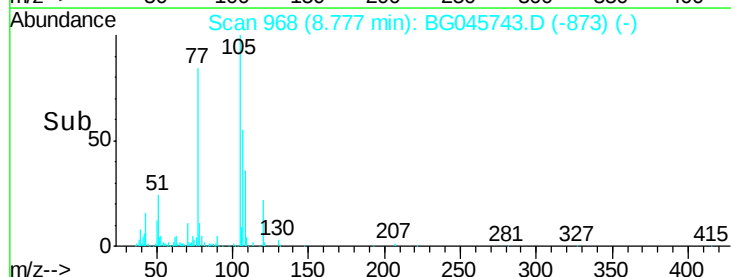
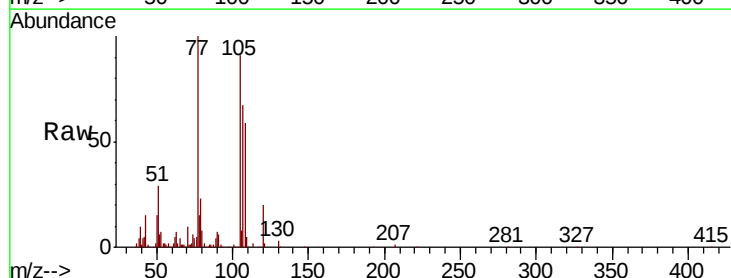
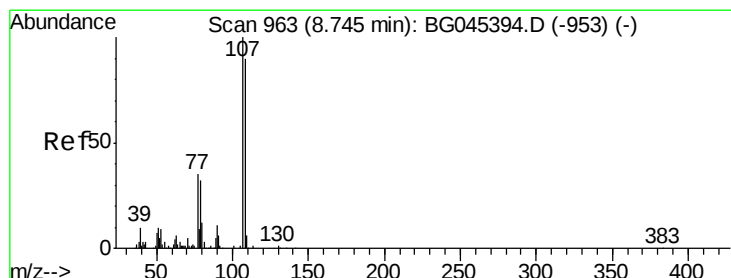
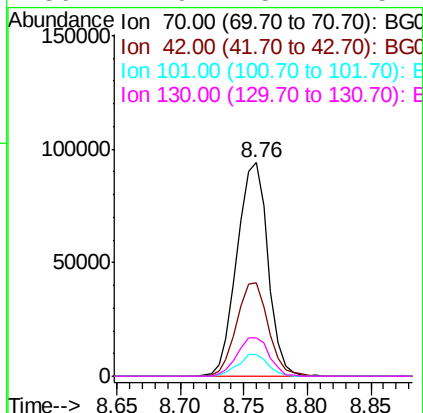




#19
n-Nitroso-di-n-propylamine
Concen: 53.479 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

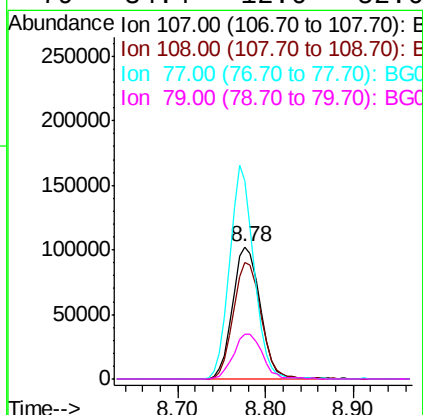
Instrument :
BNA_G
ClientSampleId :
PB129506BS

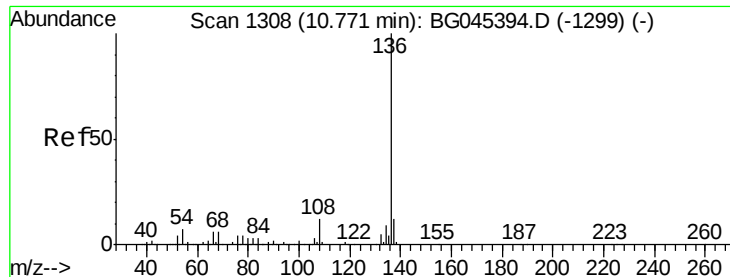
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.5	33.2	49.8
101	10.4	7.8	11.6
130	17.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 48.819 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.03 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.3	110.3
77	149.8	15.4	55.4#
79	34.4	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

Tot Ion:136 Resp: 242833

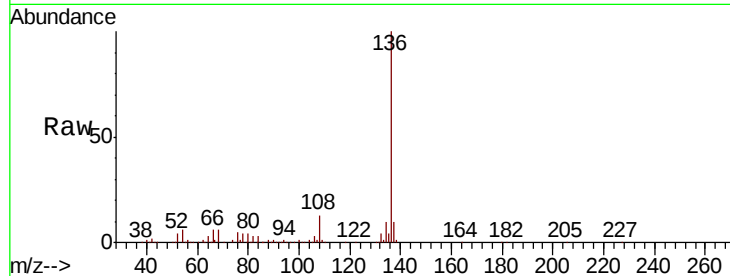
Ion Ratio Lower Upper

136 100

137 10.5 9.4 14.2

54 6.4 5.8 8.6

68 5.7 4.5 6.7

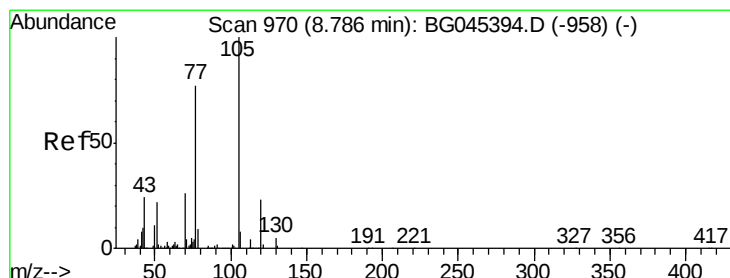
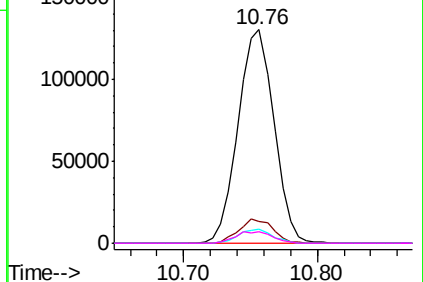
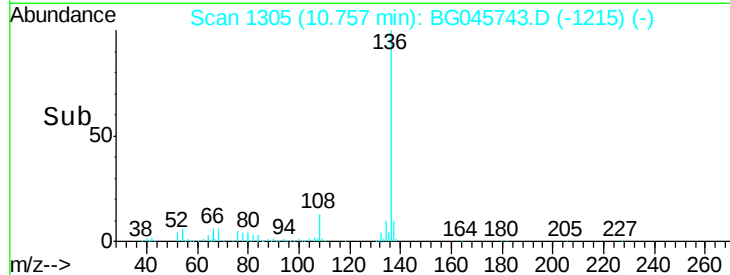


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.839 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Tgt Ion:105 Resp: 275333

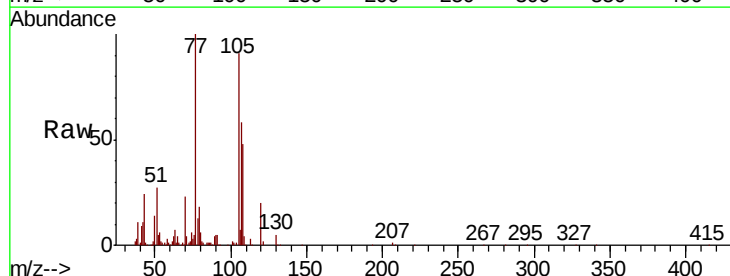
Ion Ratio Lower Upper

105 100

71 4.2 3.4 5.0

51 30.1 18.2 27.2#

120 22.5 18.6 27.8

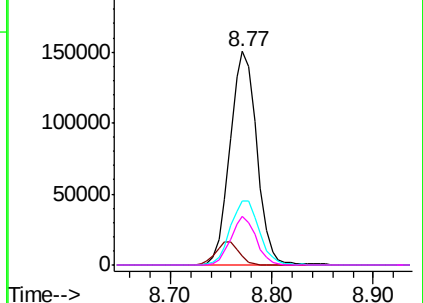
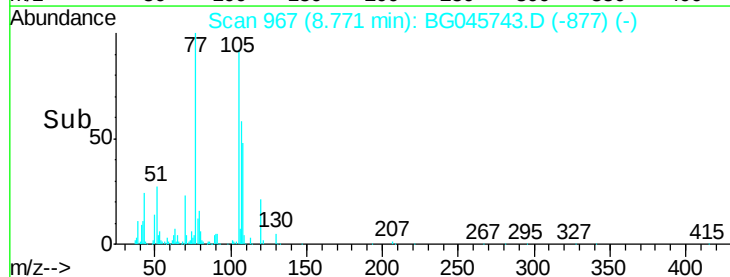


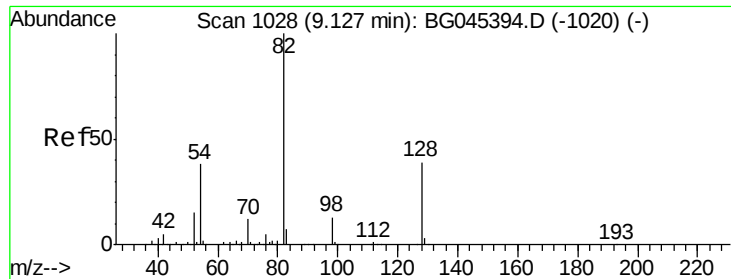
Abundance Ion 105.00 (104.70 to 105.70): E

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

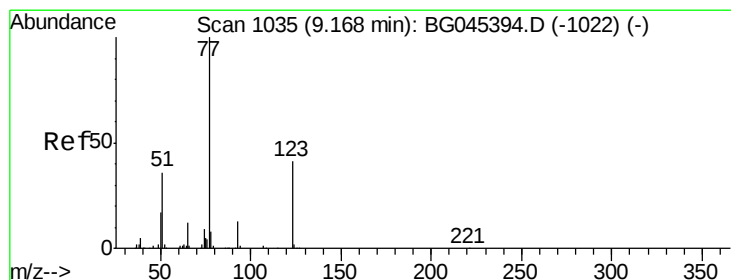
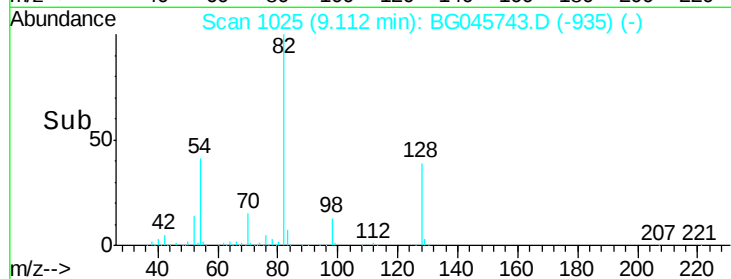
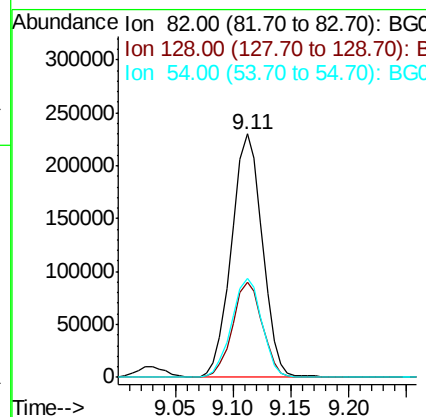
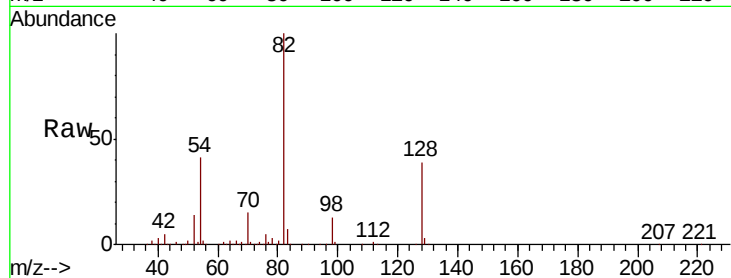




#23
 Nitrobenzene-d5
 Concen: 95.777 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

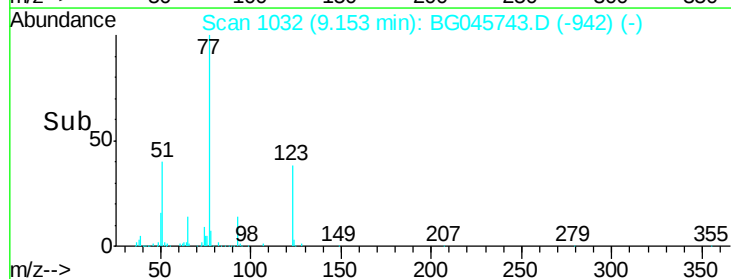
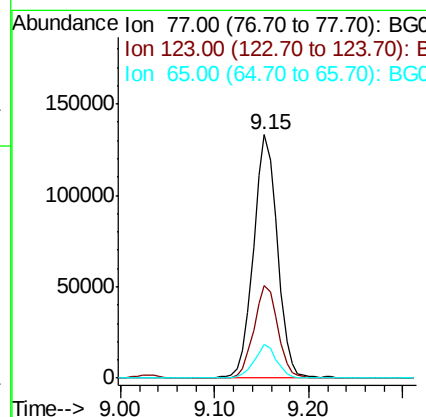
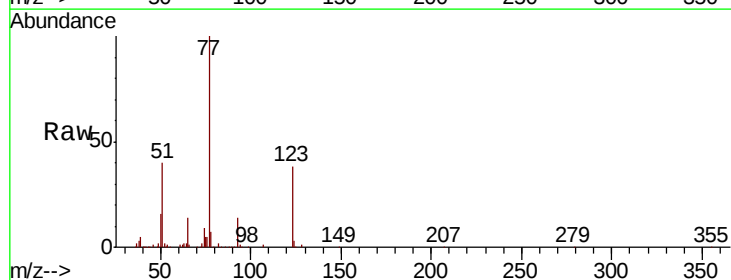
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Tot Ion	82	Resp	426504
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.9	46.3
54	40.5	30.3	45.5



#24
 Nitrobenzene
 Concen: 49.246 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion	77	Resp	234951
Ion Ratio	Lower	Upper	
77	100		
123	37.9	32.9	49.3
65	14.1	9.4	14.2





#25

Isophorone

Concen: 48.017 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

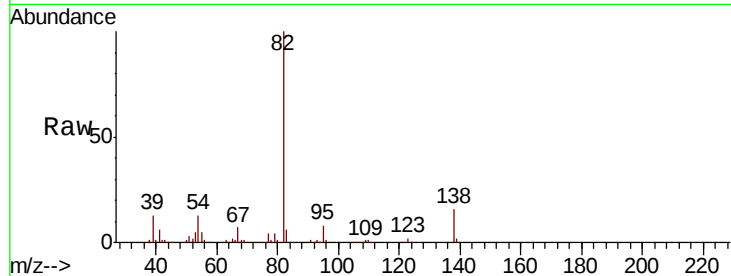
Tot Ion: 82 Resp: 421095

Ion Ratio Lower Upper

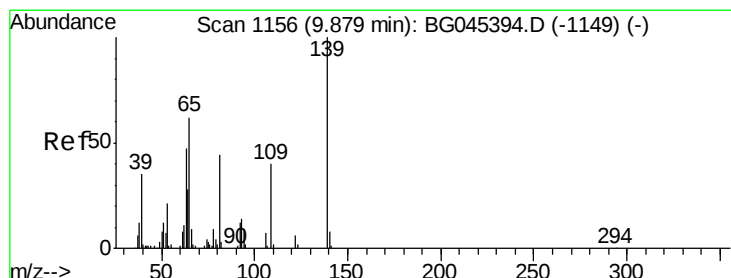
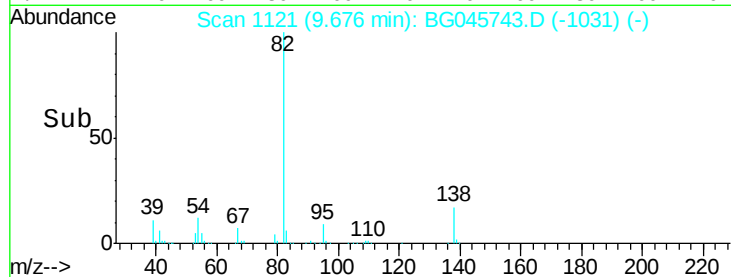
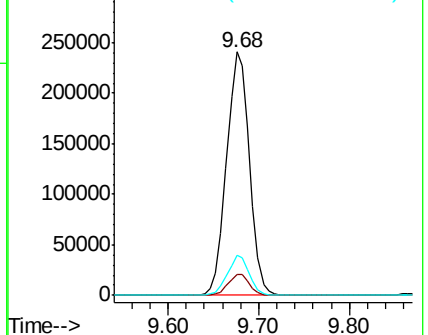
82 100

95 8.4 6.7 10.1

138 16.3 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: 50.641 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

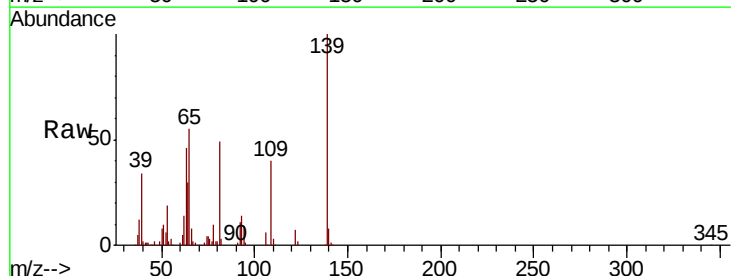
Tgt Ion: 139 Resp: 103356

Ion Ratio Lower Upper

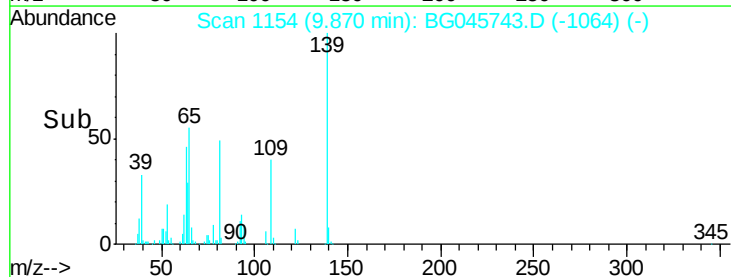
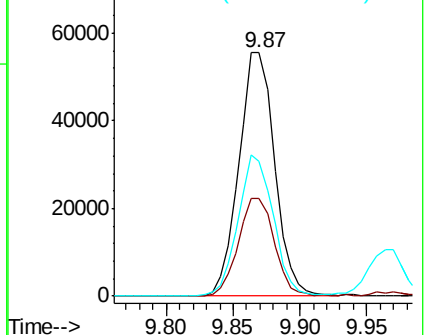
139 100

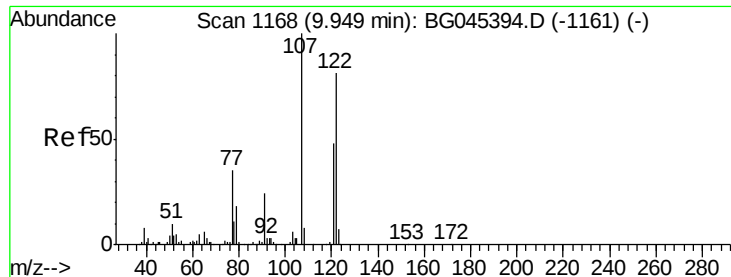
109 40.2 32.2 48.4

65 55.5 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

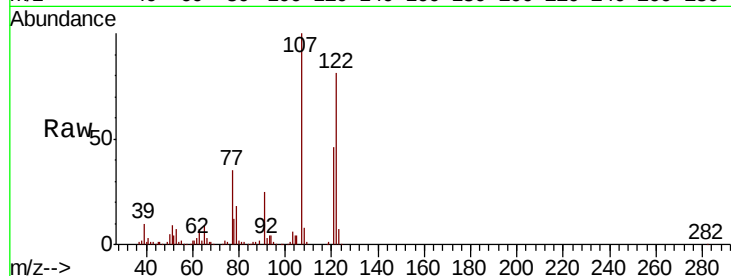




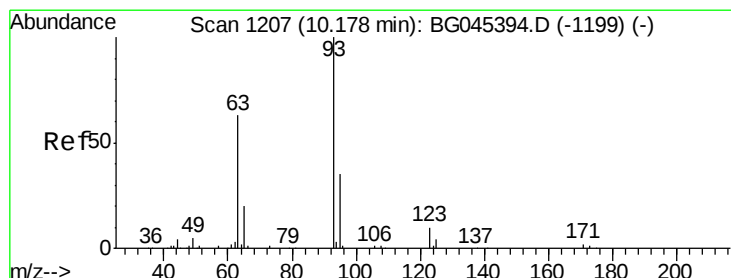
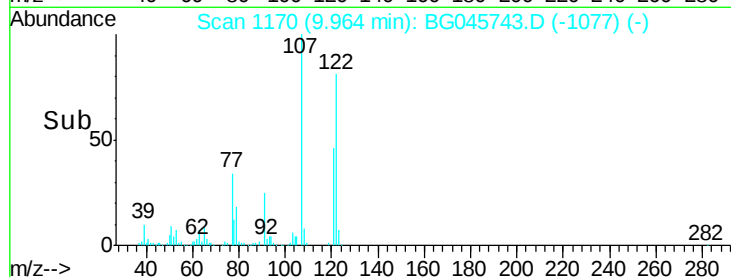
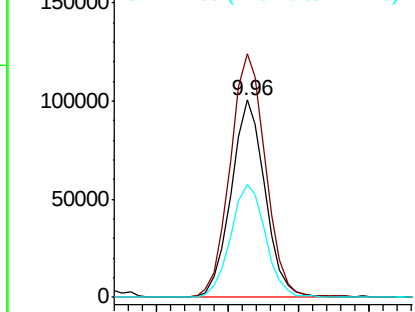
#27
 2,4-Dimethylphenol
 Concen: 55.511 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Tot Ion:122 Resp: 168034
 Ion Ratio Lower Upper
 122 100
 107 123.5 99.0 148.4
 121 57.1 47.7 71.5

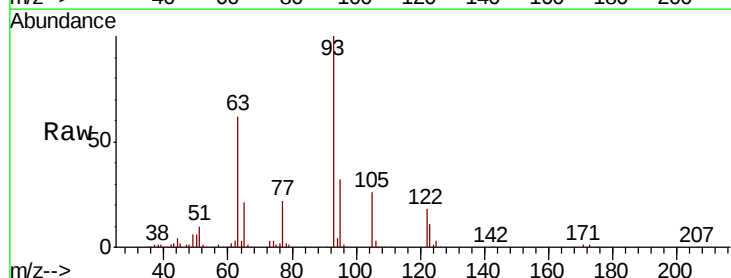


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

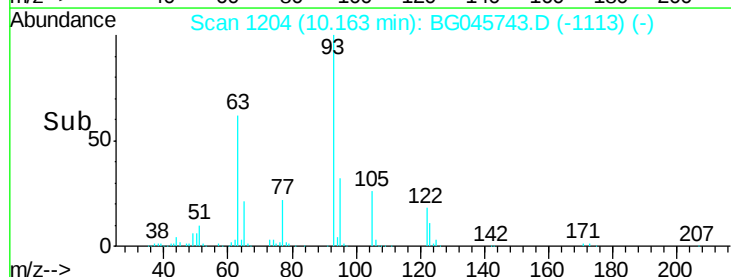
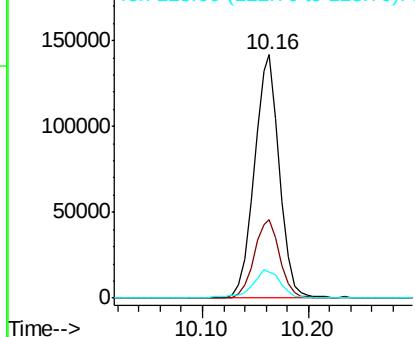


#28
 bis(2-Chloroethoxy)methane
 Concen: 50.875 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion: 93 Resp: 233982
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.6 41.4
 123 10.9 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

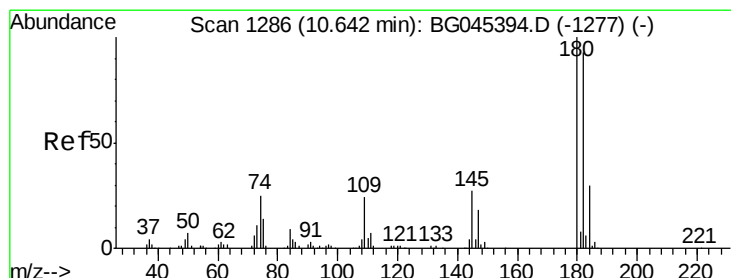
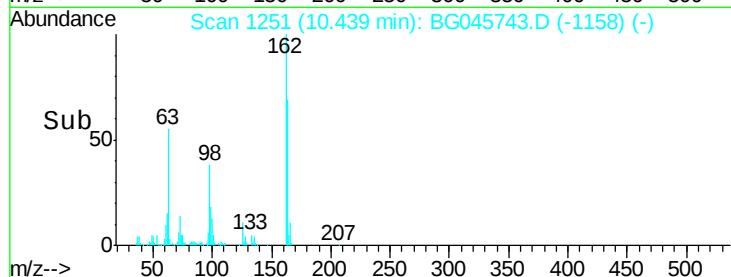
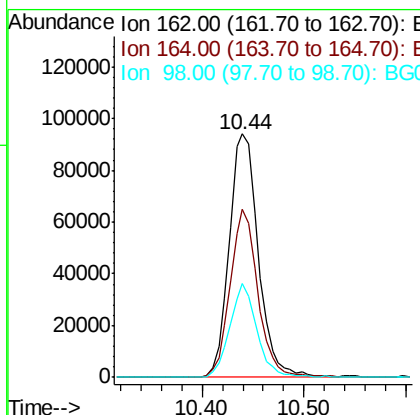
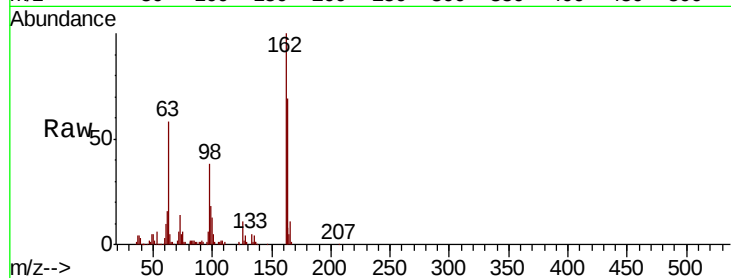




#29
 2,4-Dichlorophenol
 Concen: 52.442 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

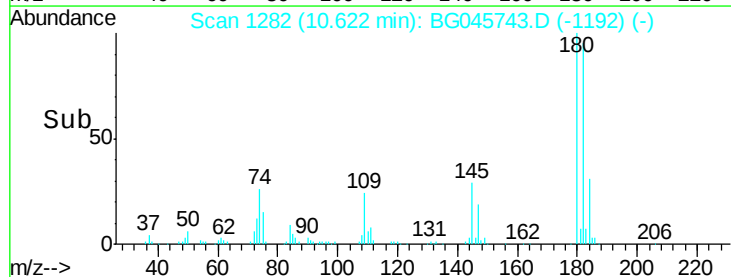
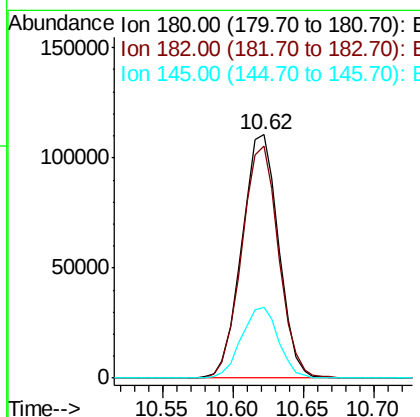
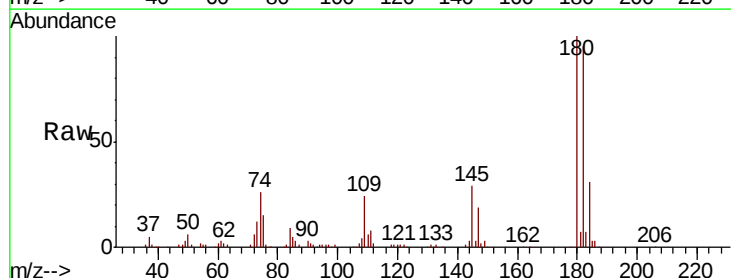
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

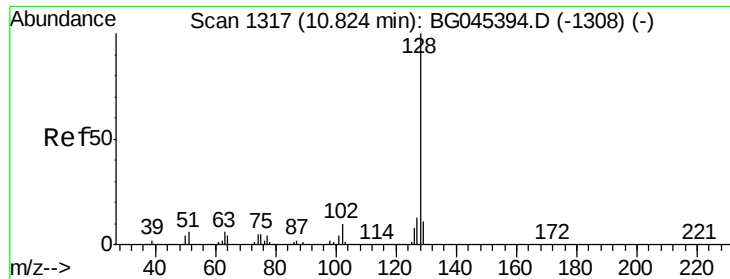
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	46.8	86.8
98	38.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.795 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.8	112.2
145	28.9	21.9	32.9

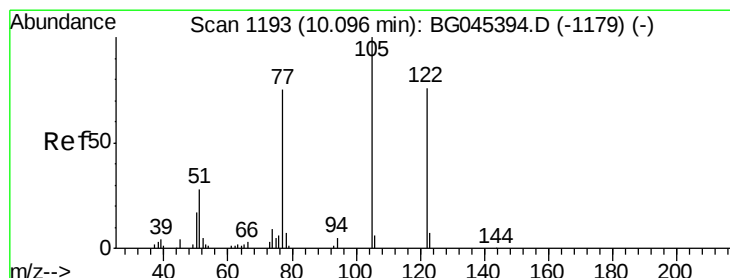
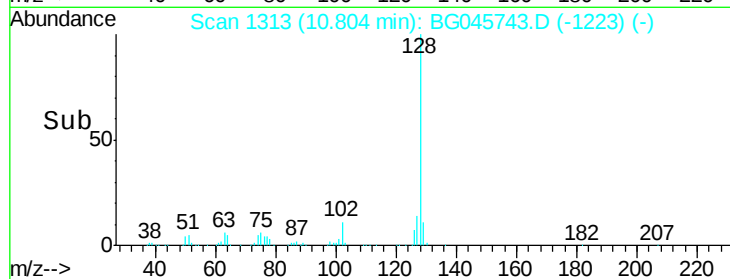
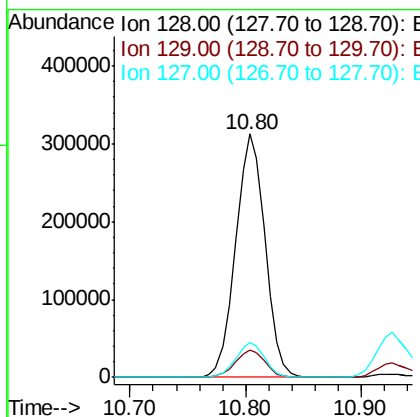
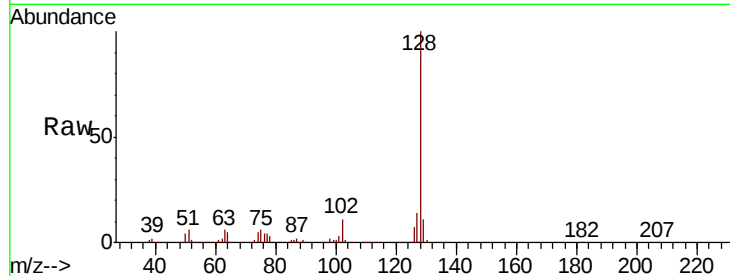




#31
Naphthalene
Concen: 48.511 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

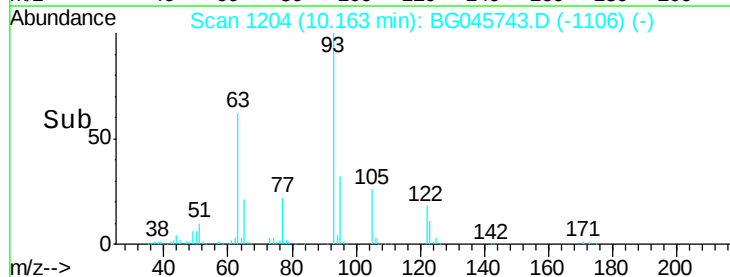
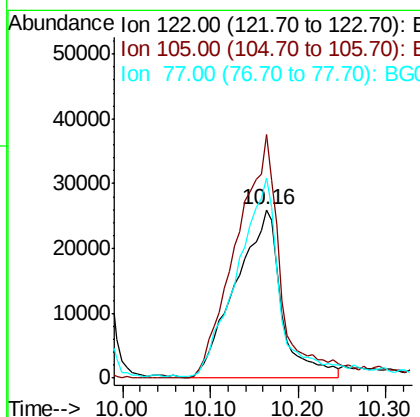
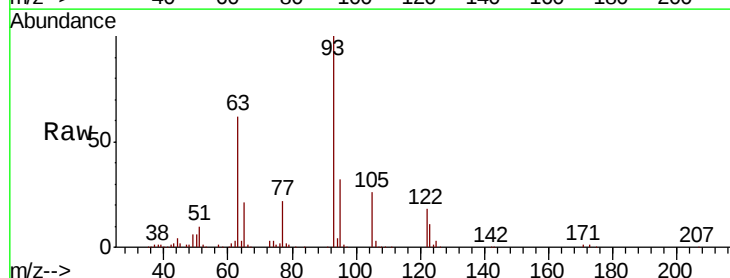
Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:128 Resp: 548943
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 45.940 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.04 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:122 Resp: 93459
Ion Ratio Lower Upper
122 100
105 144.6 107.9 147.9
77 119.2 78.9 118.9#

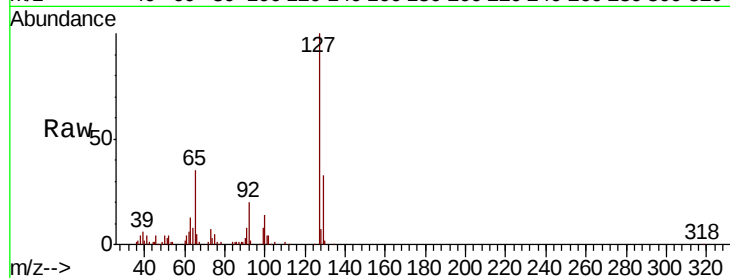




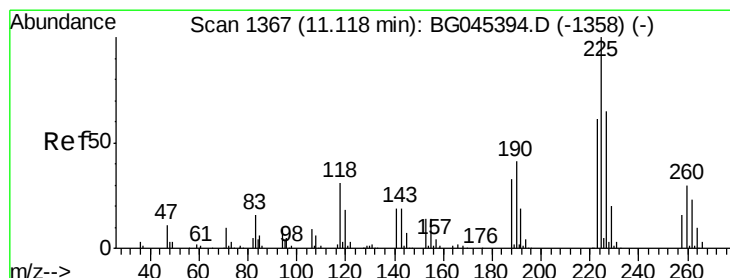
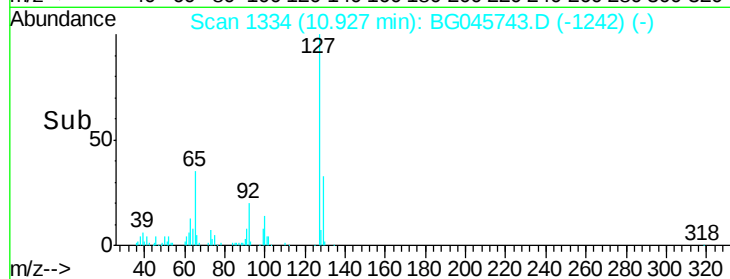
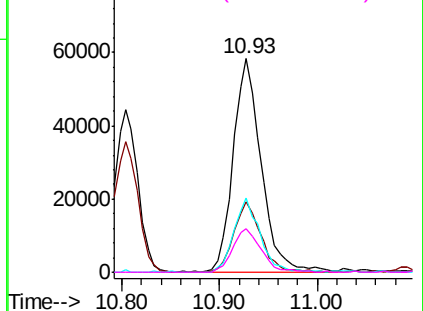
#33
4-Chloroaniline
Concen: 24.750 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:127	Resp:	117068	
Ion Ratio	Lower	Upper	
127 100			
129 33.0	24.7	37.1	
65 34.8	26.2	39.2	
92 20.4	17.9	26.9	

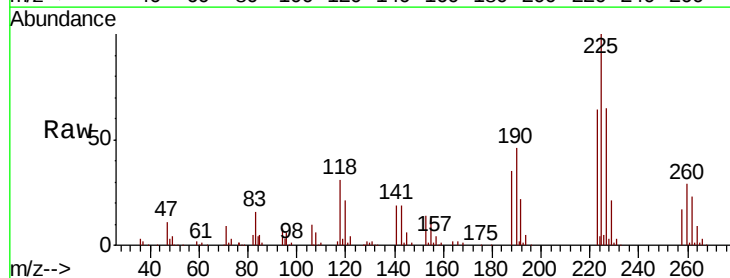


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

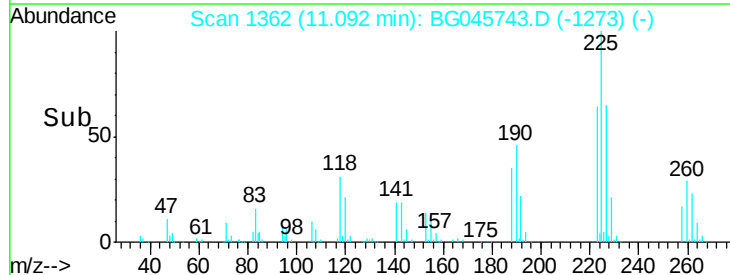
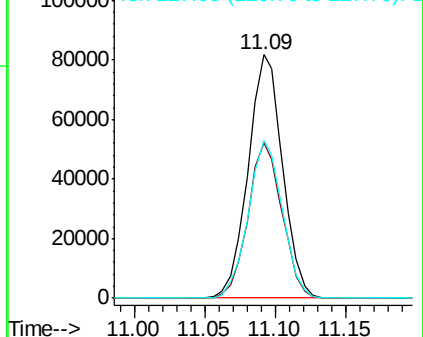


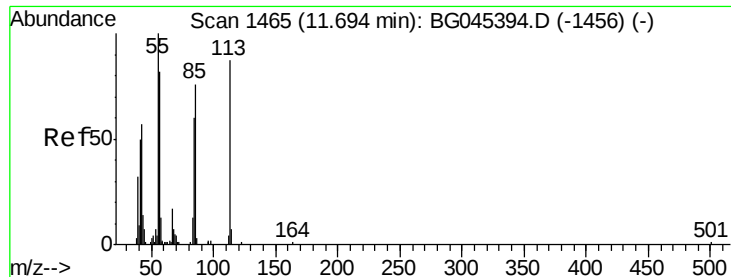
#34
Hexachlorobutadiene
Concen: 46.773 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	225	Resp: Lower	139652 Upper
	Ratio		
225	100		
223	63.8	49.1	73.7
227	65.1	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

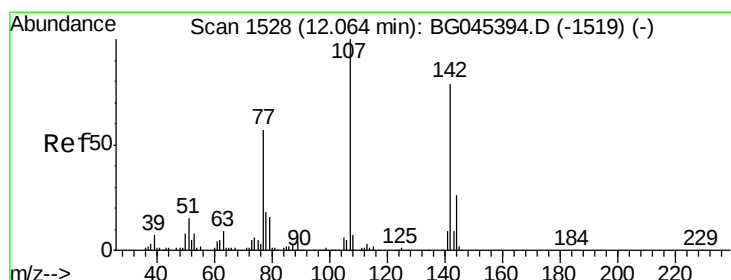
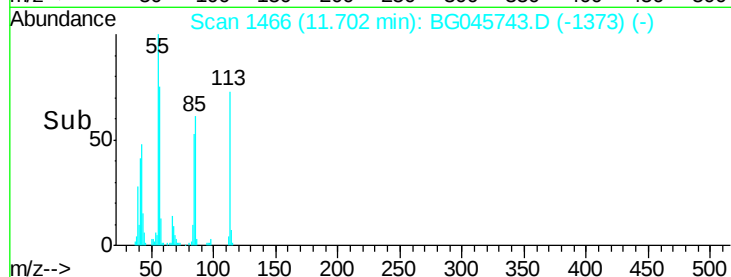
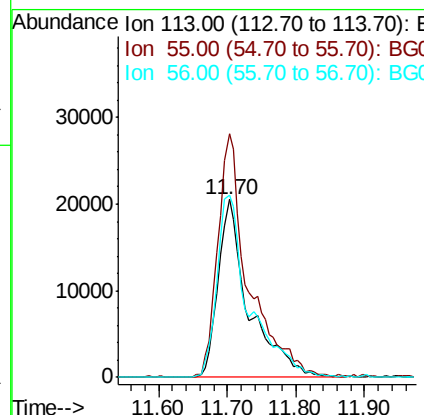
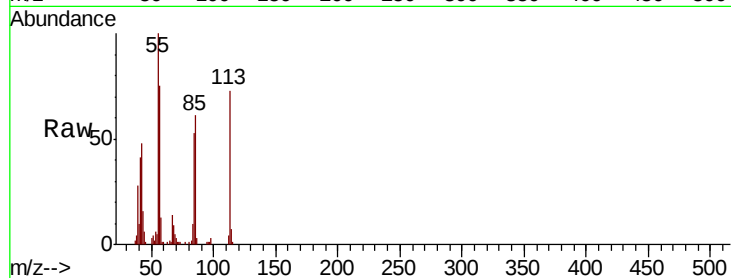




#35
 Caprolactam
 Concen: 48.627 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

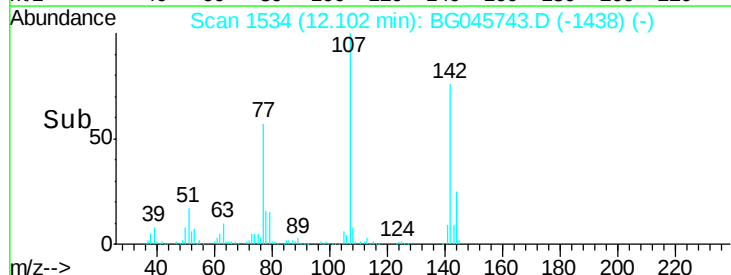
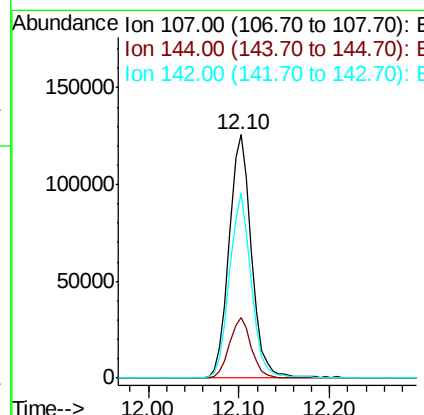
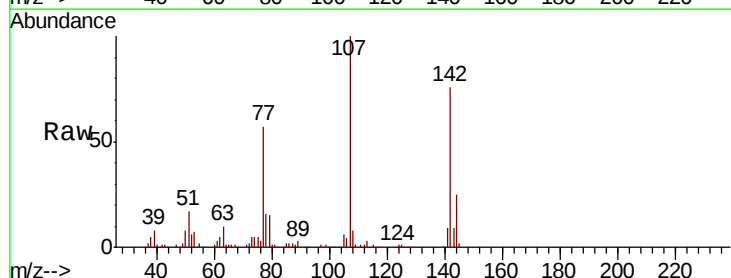
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

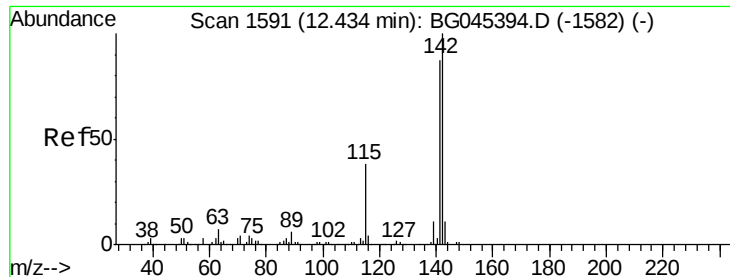
Tot Ion:113 Resp: 63802
 Ion Ratio Lower Upper
 113 100
 55 136.7 96.0 136.0#
 56 102.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 53.660 ng
 RT: 12.10 min Scan# 1534
 Delta R.T. 0.03 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion:107 Resp: 216142
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.8 31.2
 142 75.7 62.8 94.2

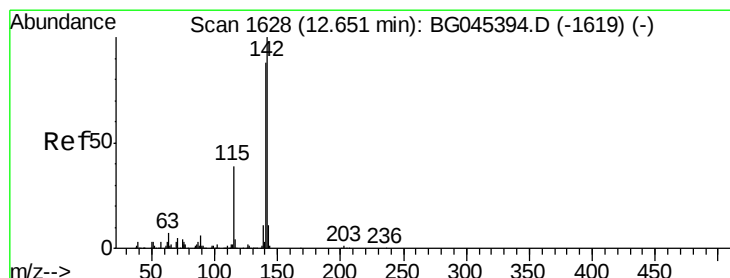
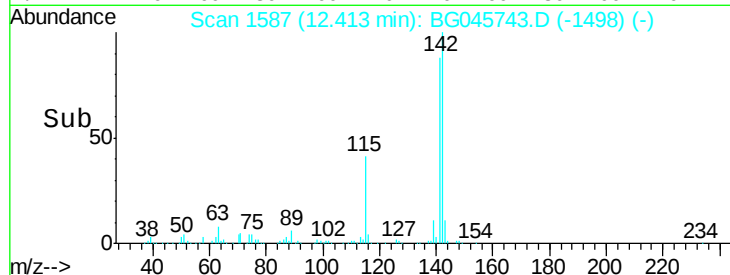
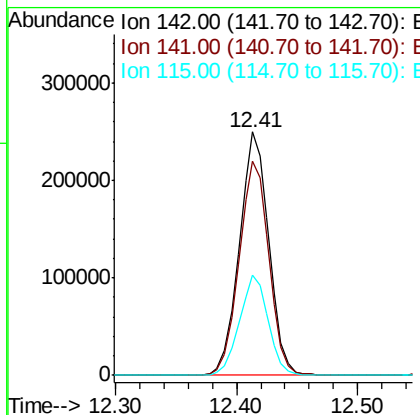
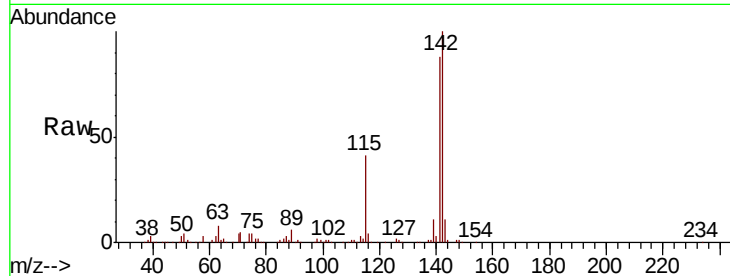




#37
2-Methylnaphthalene
Concen: 50.158 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

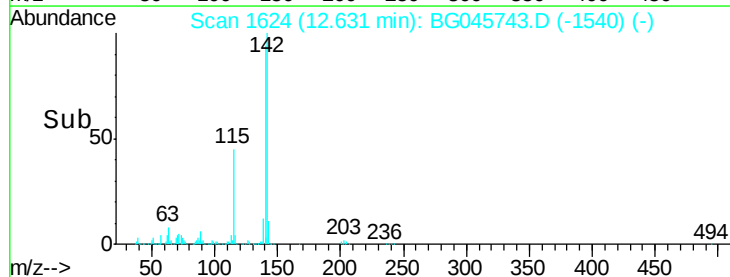
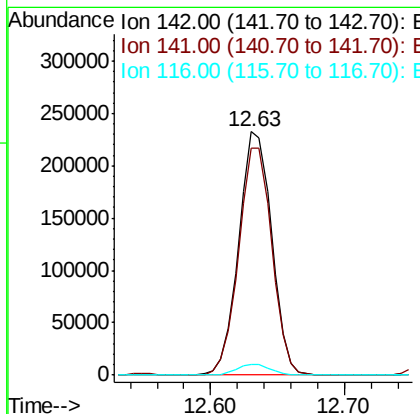
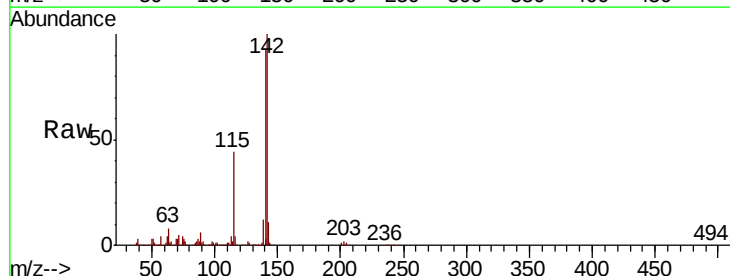
Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	41.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 49.663 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.8	106.2
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

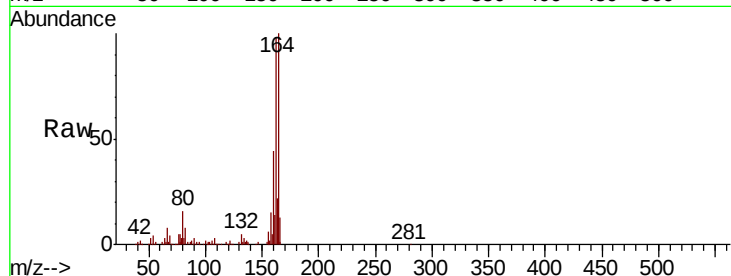
Tot Ion:164 Resp: 170764

Ion Ratio Lower Upper

164 100

162 98.0 76.9 115.3

160 43.8 33.8 50.8

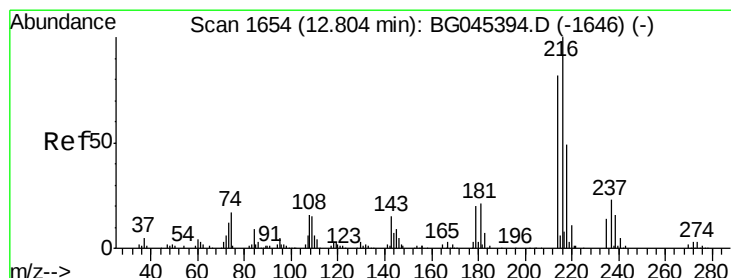
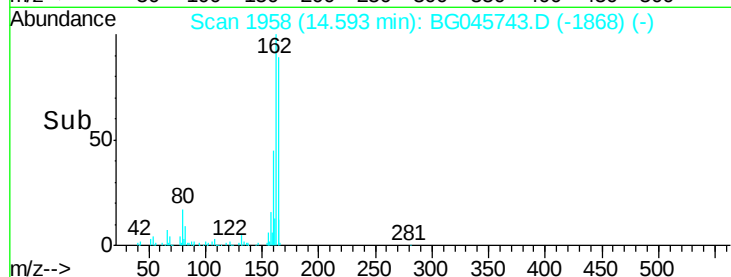
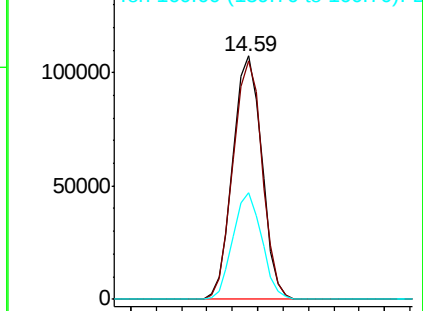


Abundance

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: 48.968 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Tgt Ion:216 Resp: 233562

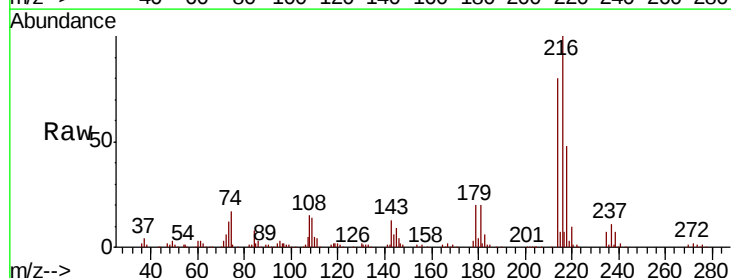
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.6 16.1 24.1

108 19.3 13.8 20.6



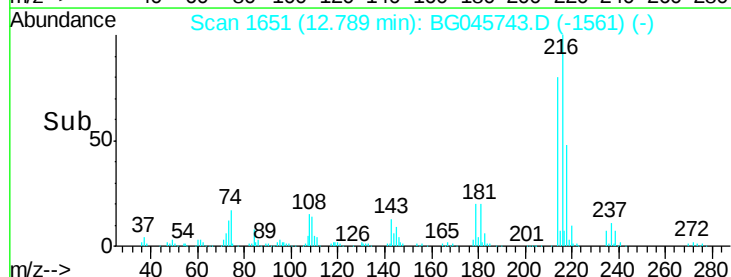
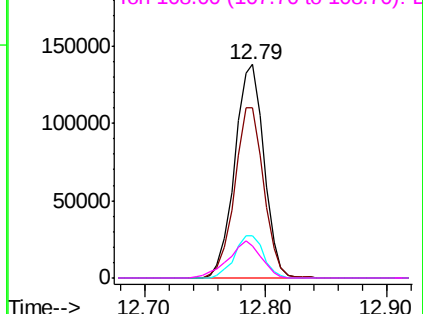
Abundance

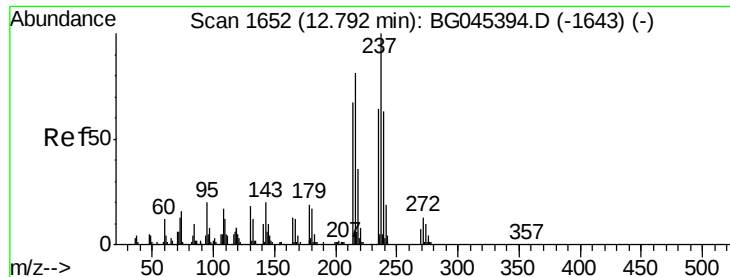
Ion 216.00 (215.70 to 216.70): E

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: 103.140 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

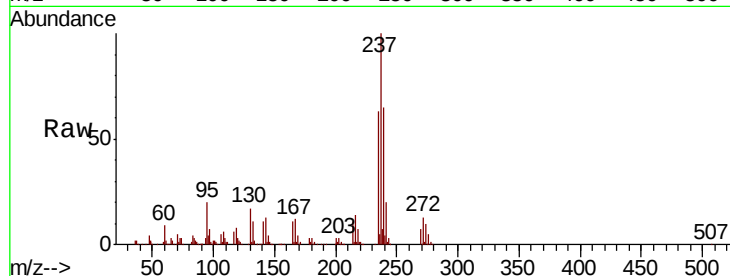
Tot Ion:237 Resp: 283943

Ion Ratio Lower Upper

237 100

235 63.1 44.4 84.4

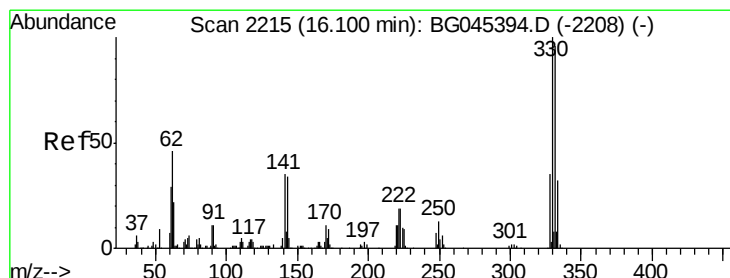
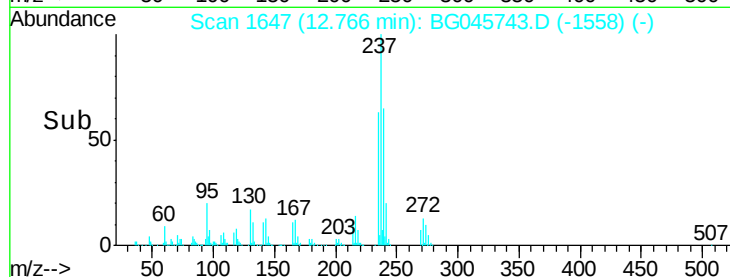
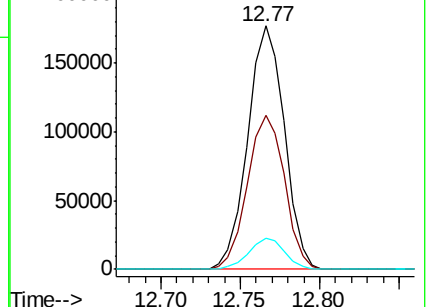
272 12.9 0.0 32.5



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: 136.911 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

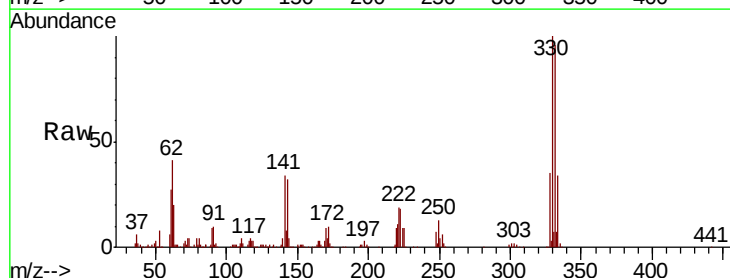
Tgt Ion:330 Resp: 298998

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

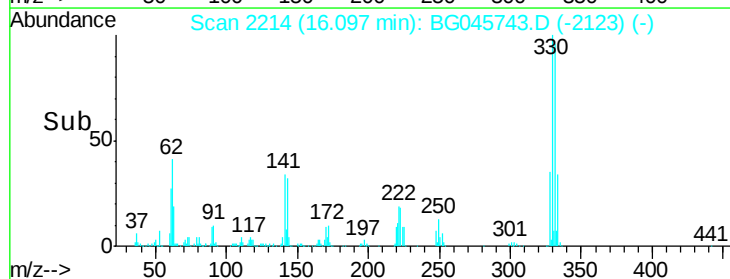
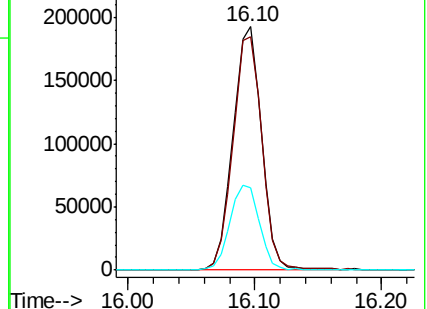
141 36.1 28.2 42.4

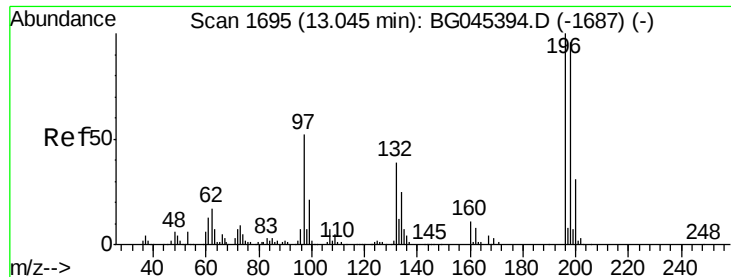


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

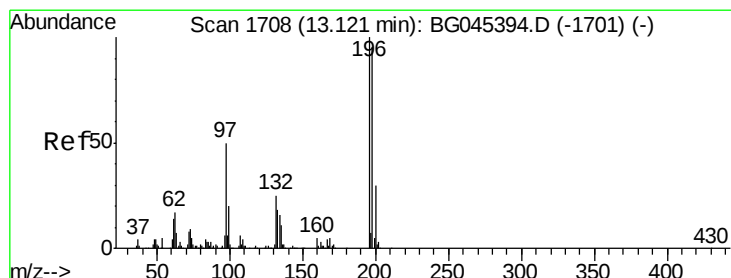
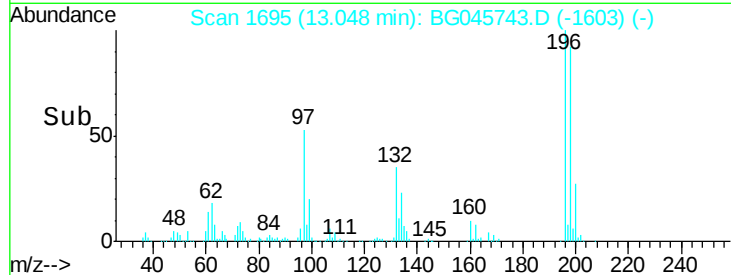
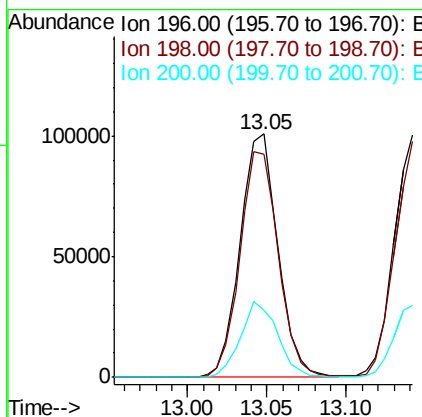
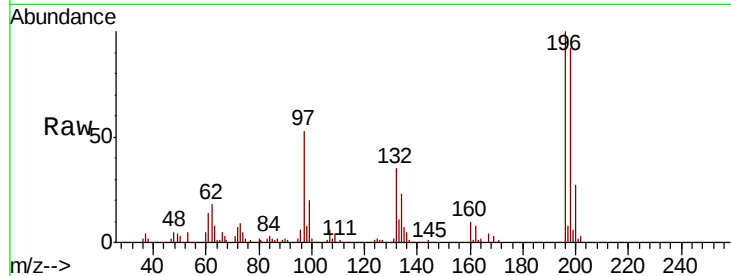




#43
 2,4,6-Trichlorophenol
 Concen: 50.469 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

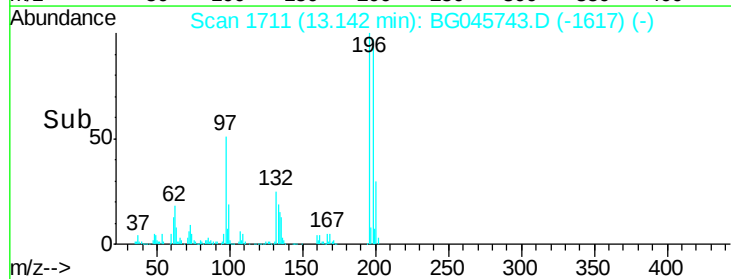
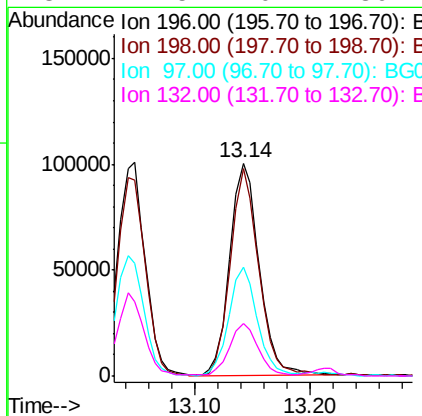
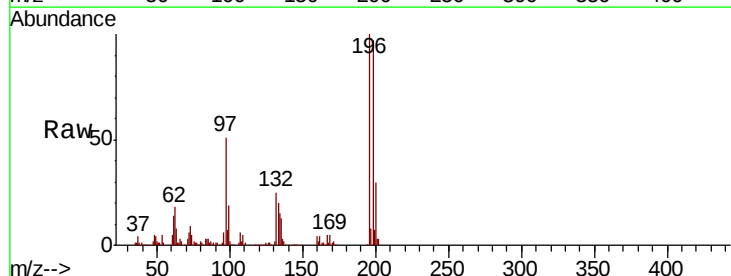
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

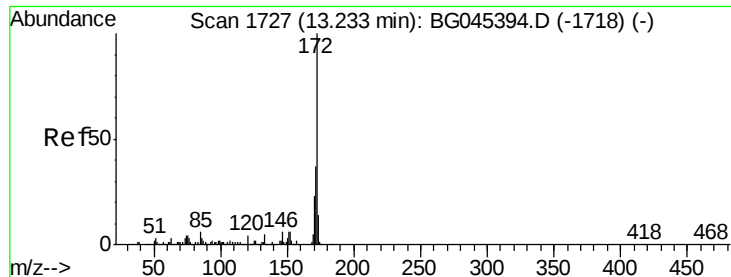
Tot Ion:196	Resp:	167219
Ion	Ratio	Lower Upper
196	100	
198	91.7	76.7 115.1
200	27.3	24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.769 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion:196	Resp:	177081
Ion	Ratio	Lower Upper
196	100	
198	97.1	76.1 114.1
97	51.3	40.0 60.0
132	24.5	20.2 30.2

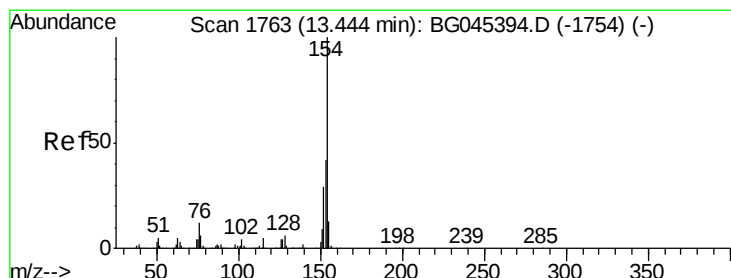
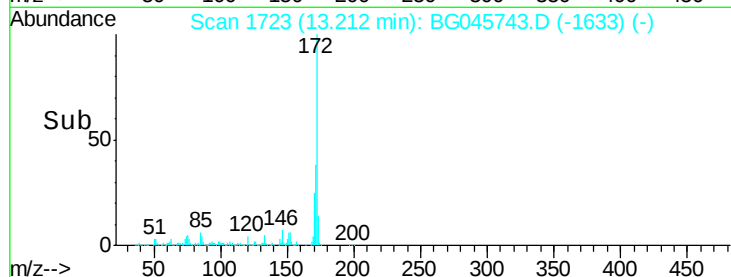
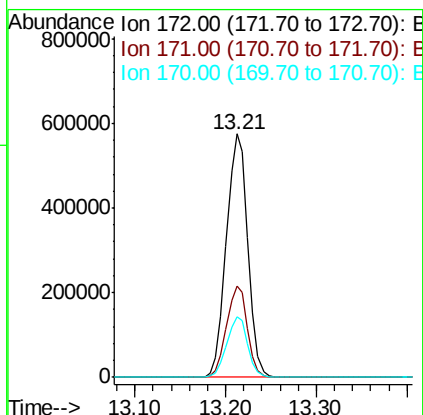
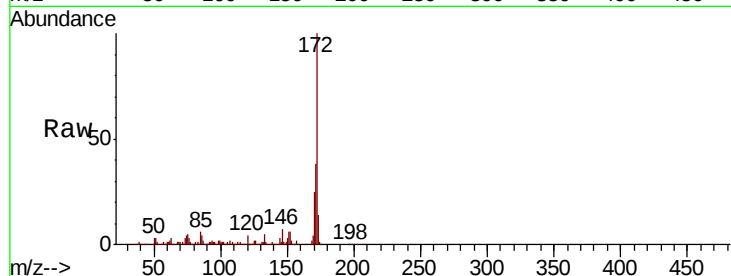




#45
2-Fluorobiphenyl
Concen: 93.354 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

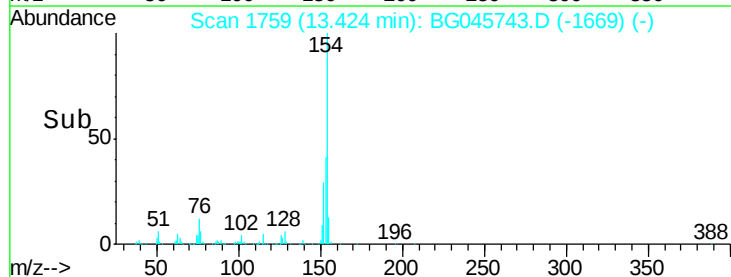
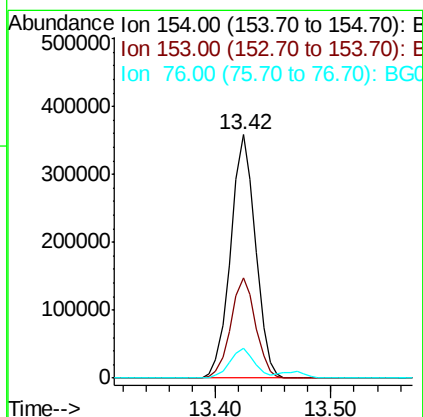
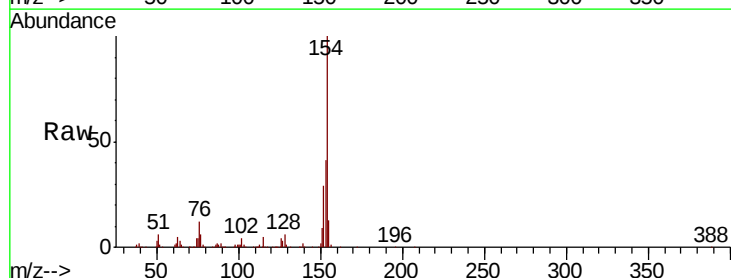
Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	25.1	18.5	27.7



#46
1,1'-Biphenyl
Concen: 51.121 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	12.4	0.0	32.4

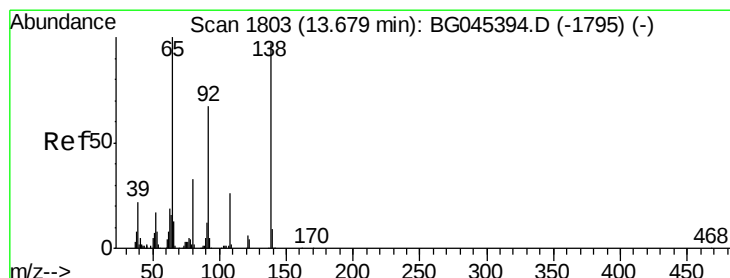
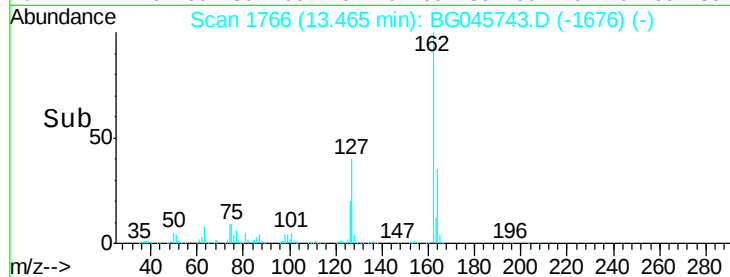
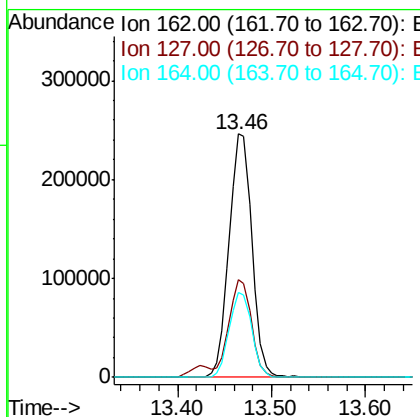
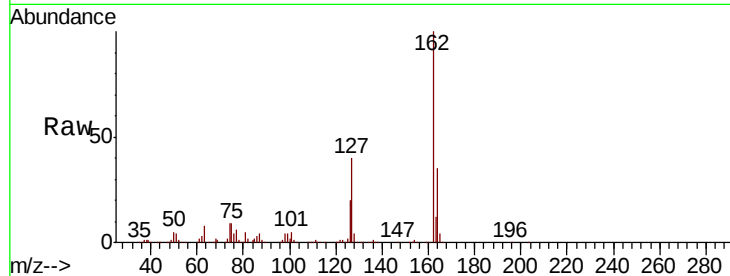




#47
2-Chloronaphthalene
Concen: 48.979 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

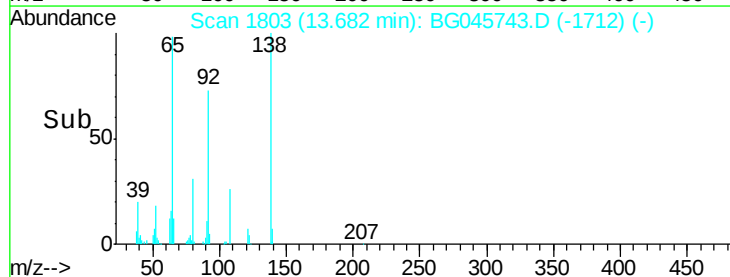
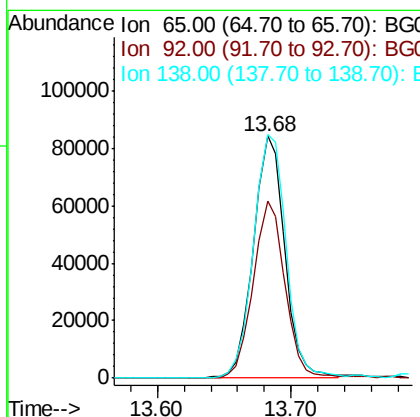
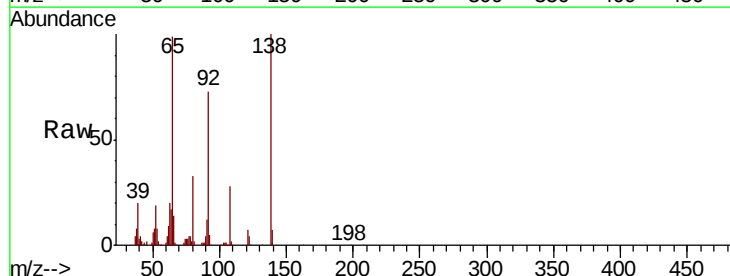
Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.6	47.4
164	34.8	28.1	42.1



#48
2-Nitroaniline
Concen: 48.727 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	53.8	80.8
138	100.6	77.9	116.9





#49

Acenaphthylene

Concen: 48.653 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

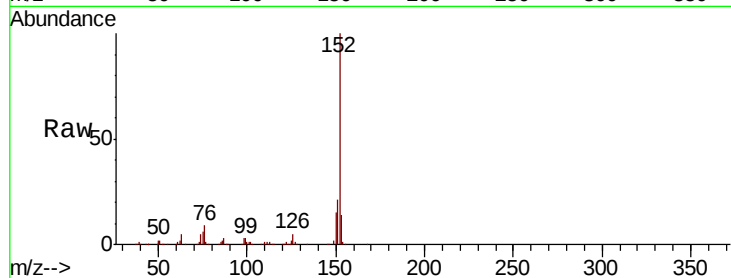
Tot Ion:152 Resp: 665858

Ion Ratio Lower Upper

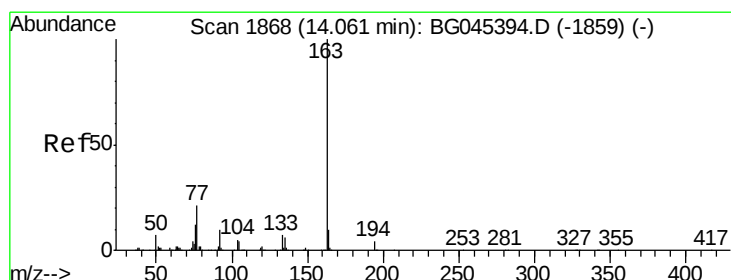
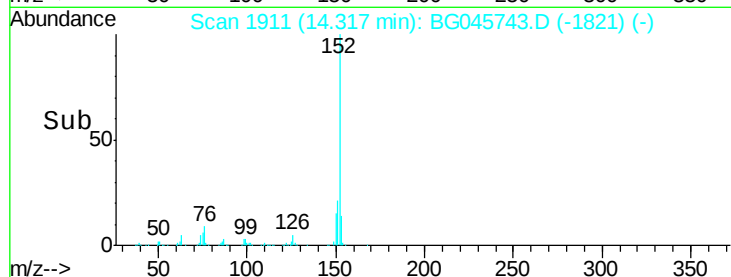
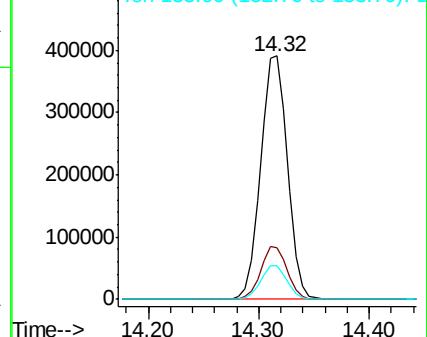
152 100

151 21.3 17.4 26.2

153 13.8 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: 47.585 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

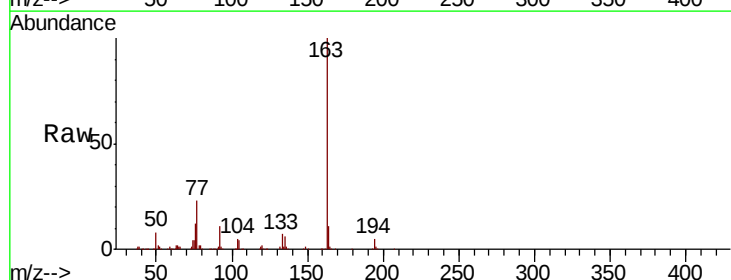
Tgt Ion:163 Resp: 557426

Ion Ratio Lower Upper

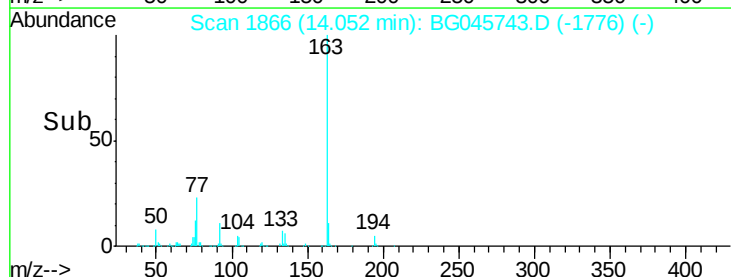
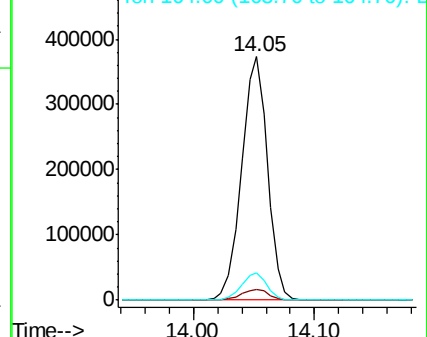
163 100

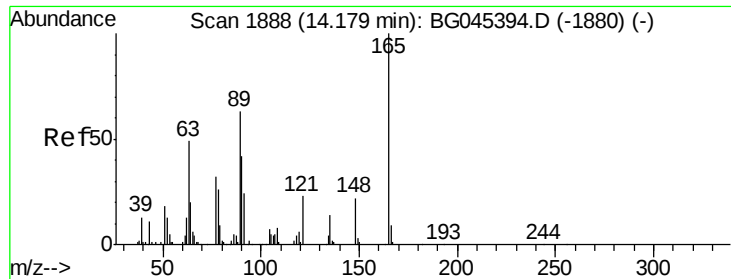
194 4.6 3.2 4.8

164 11.0 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

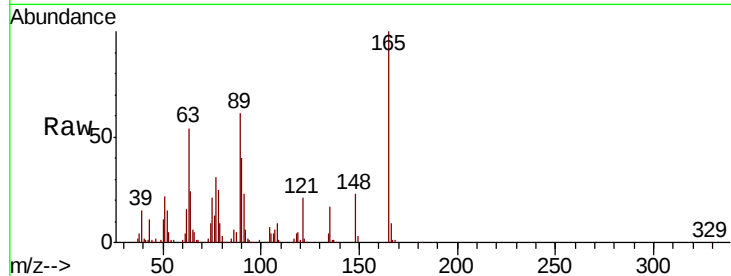




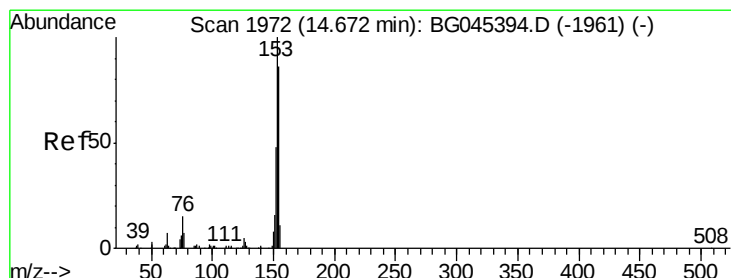
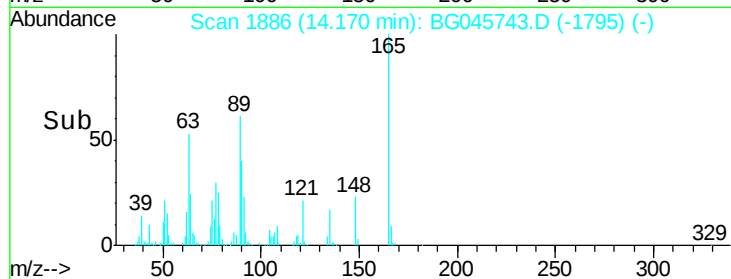
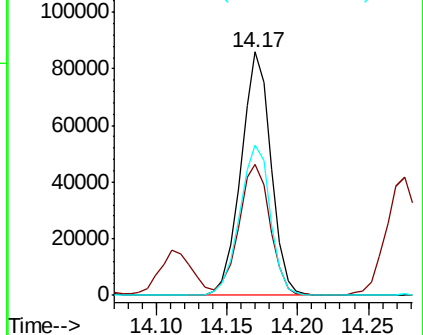
#51
 2,6-Dinitrotoluene
 Concen: 48.070 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	45.0	67.4
89	61.5	50.2	75.4

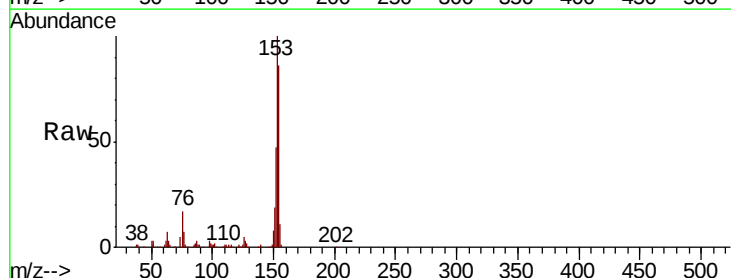


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

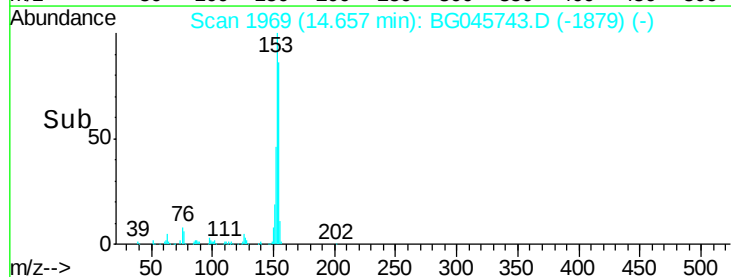
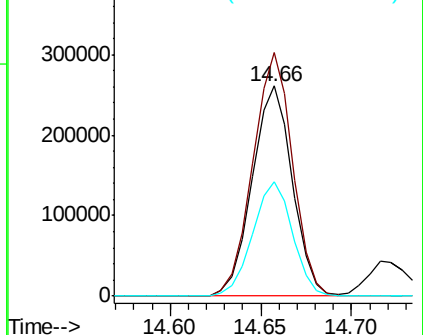


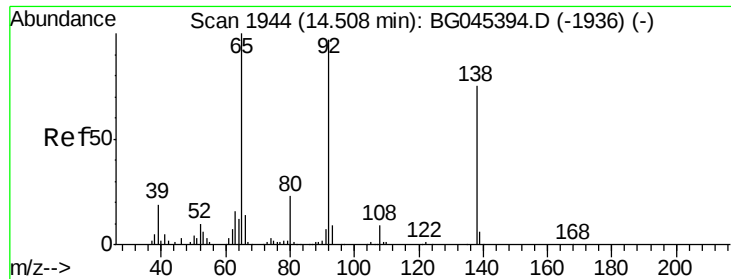
#52
 Acenaphthene
 Concen: 44.105 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.8	139.2
152	54.2	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

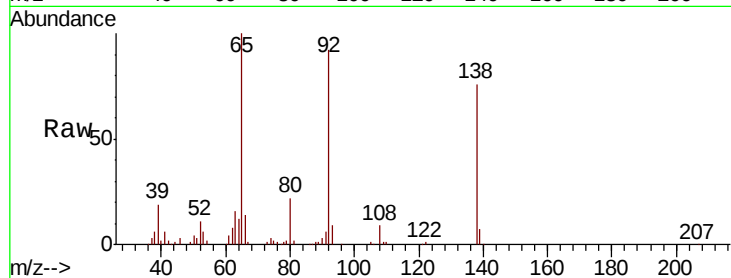




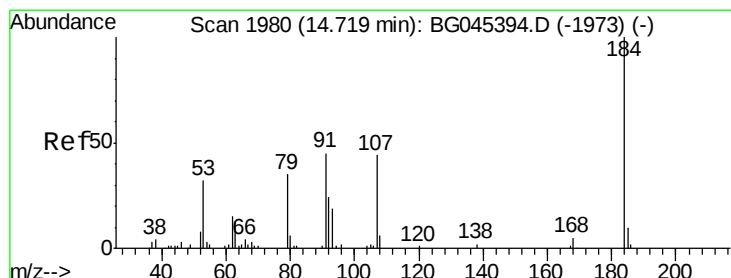
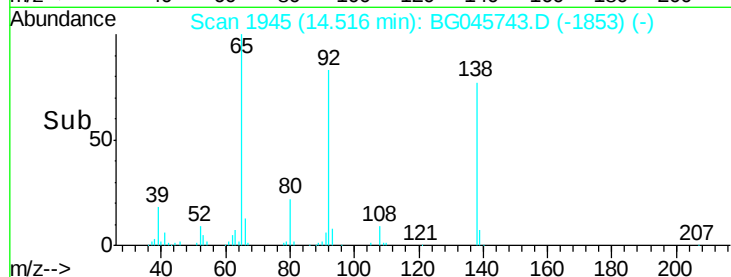
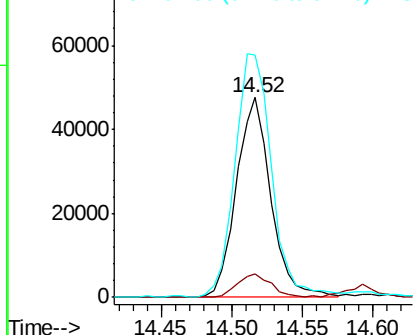
#53
3-Nitroaniline
Concen: 30.303 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:138 Resp: 81425
Ion Ratio Lower Upper
138 100
108 12.0 9.8 14.6
92 121.2 103.0 154.4

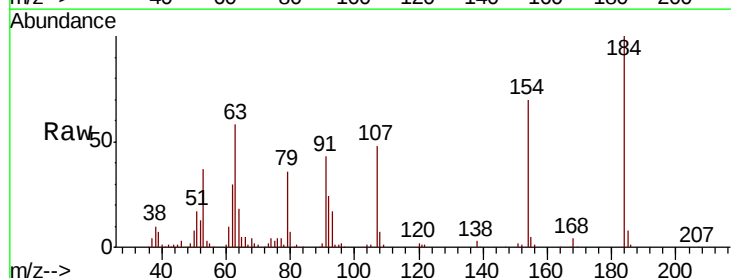


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

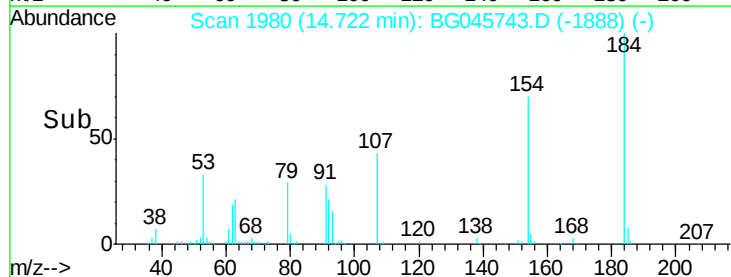
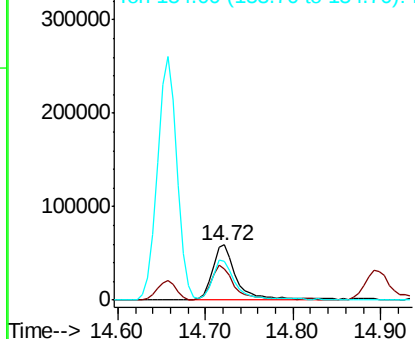


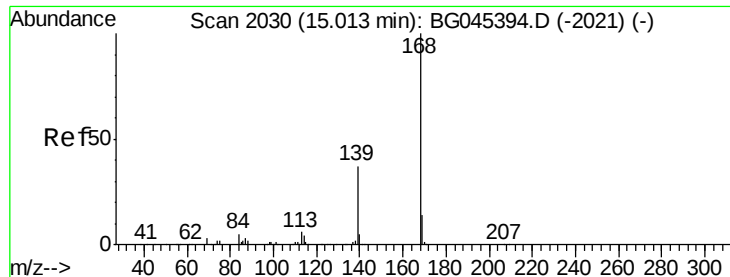
#54
2,4-Dinitrophenol
Concen: 66.905 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:184 Resp: 114189
Ion Ratio Lower Upper
184 100
63 57.8 47.8 71.6
154 70.3 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

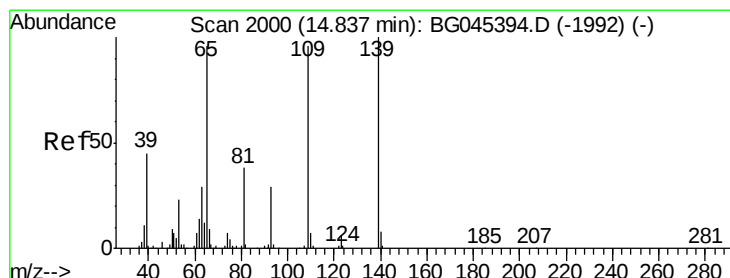
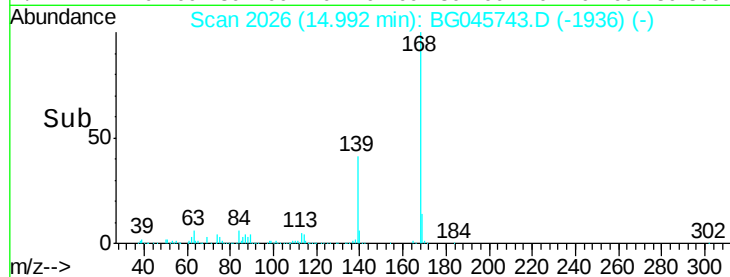
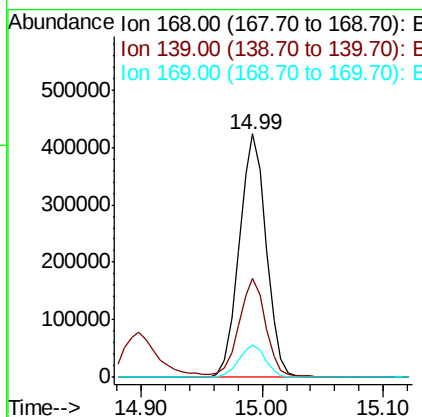
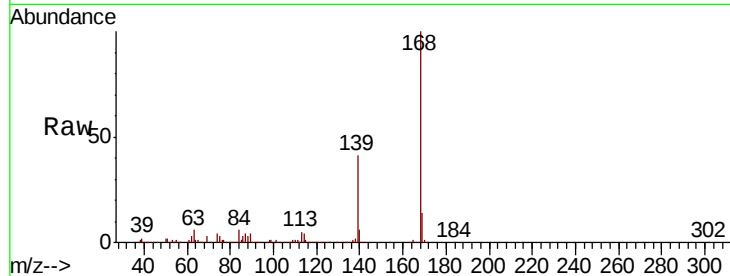




#55
Dibenzenofuran
Concen: 48.362 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

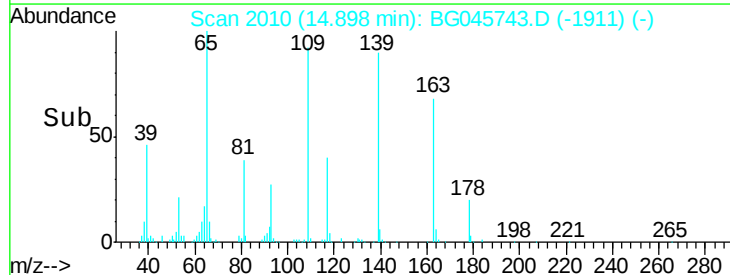
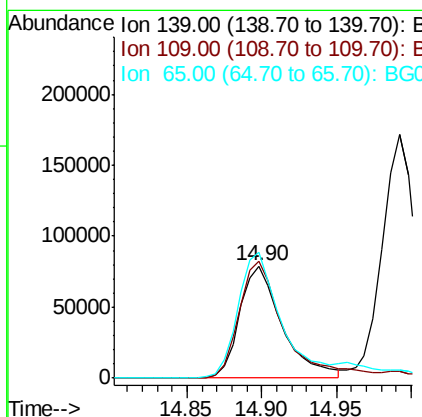
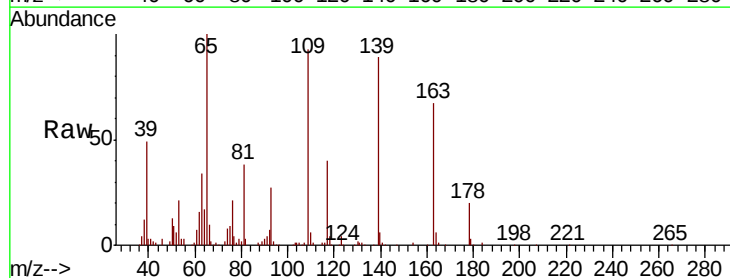
Instrument :
BNA_G
ClientSampleId :
PB129506BS

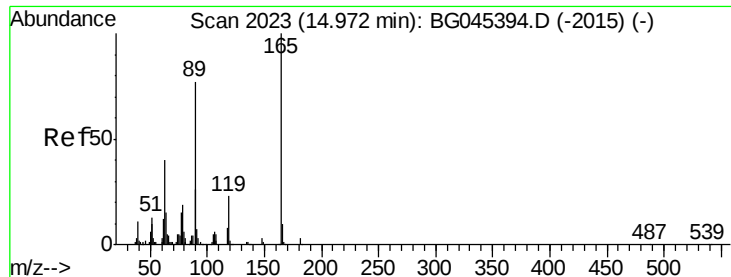
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.9	44.9
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 76.711 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.8	75.6	115.6
65	112.3	76.8	116.8

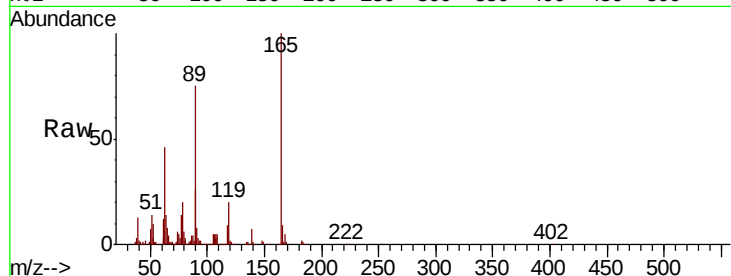




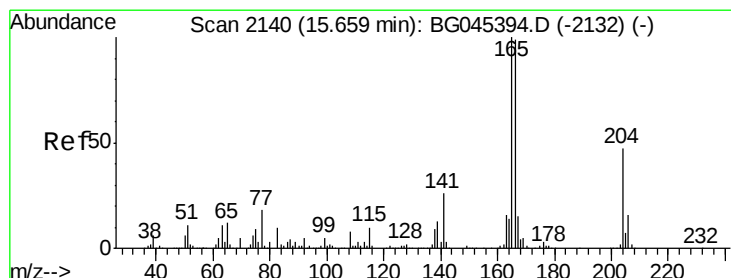
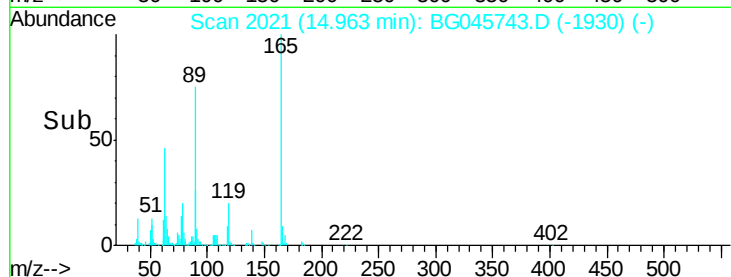
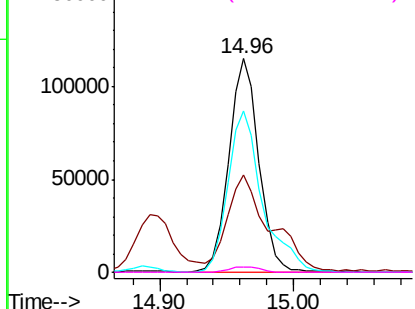
#57
2,4-Dinitrotoluene
Concen: 46.989 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:165 Resp: 179887
Ion Ratio Lower Upper
165 100
63 45.5 32.5 48.7
89 75.4 61.8 92.6
182 2.5 2.3 3.5

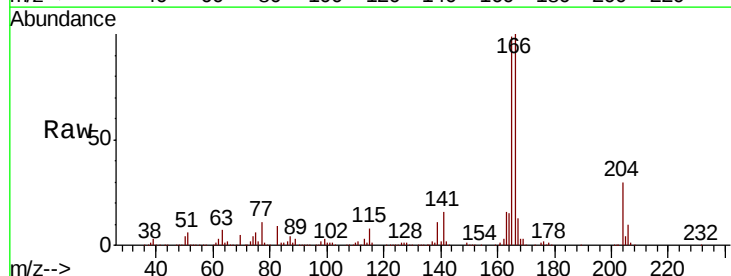


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

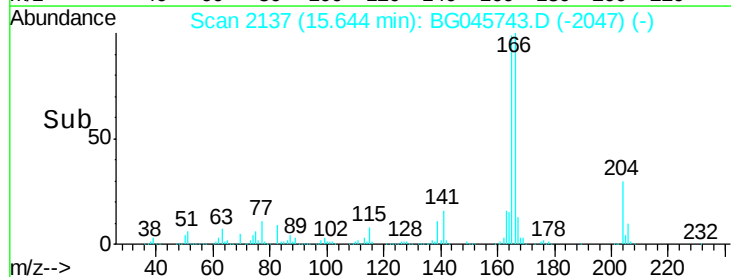
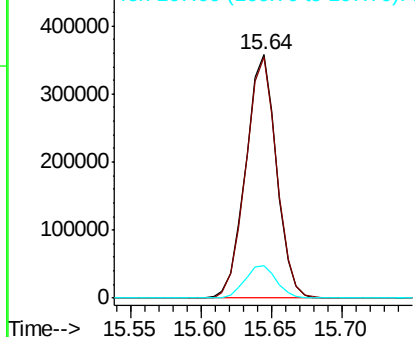


#58
Fluorene
Concen: 48.856 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:166 Resp: 546046
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 13.4 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

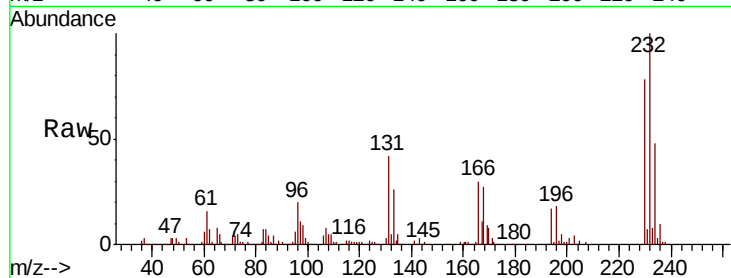




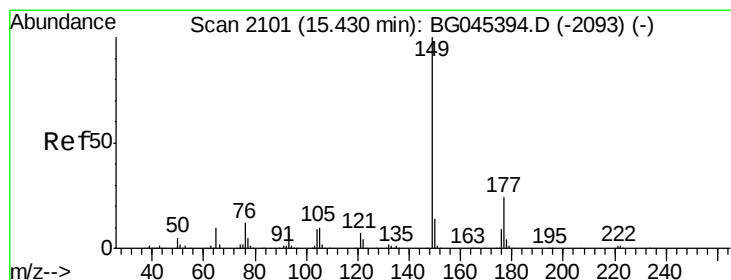
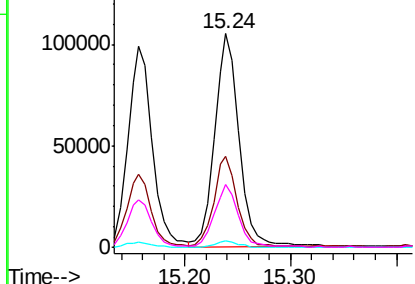
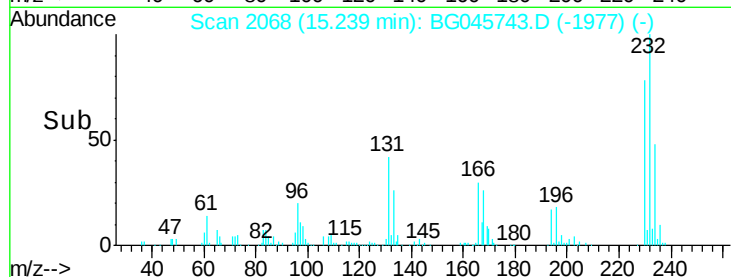
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.571 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

Tot Ion:232	Resp:	168457	
Ion Ratio	Lower	Upper	
232	100		
131	40.7	33.7	50.5
130	2.7	2.1	3.1
166	28.9	23.2	34.8

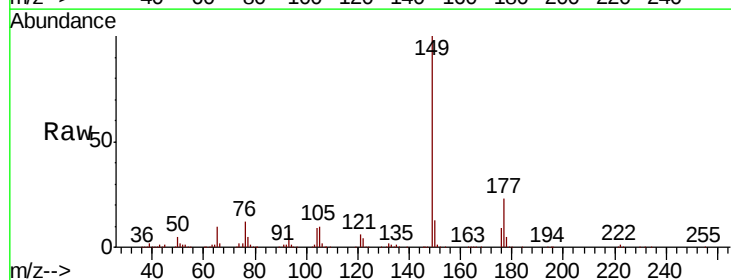


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

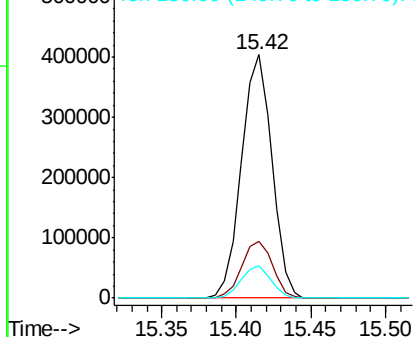
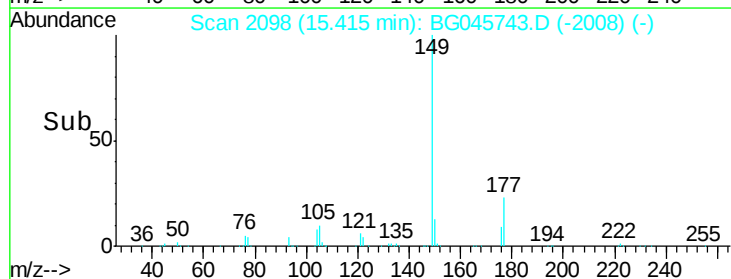


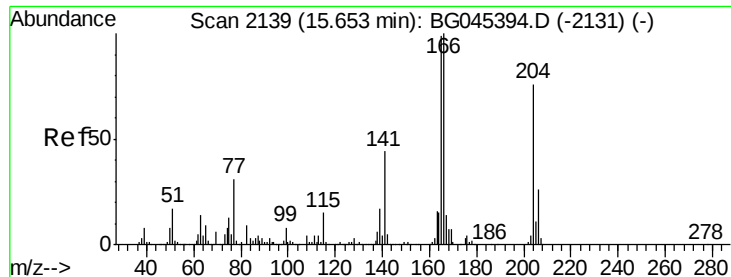
#60
 Diethylphthalate
 Concen: 46.874 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion	Ion:149	Resp:	571515
	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.3	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

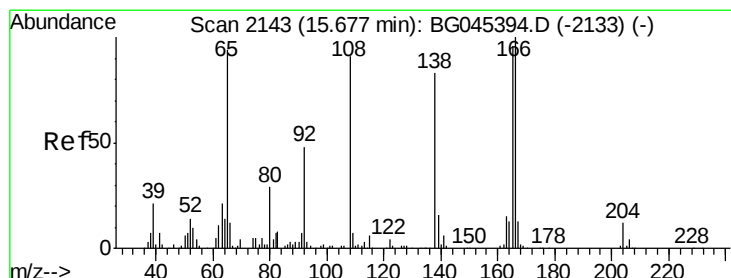
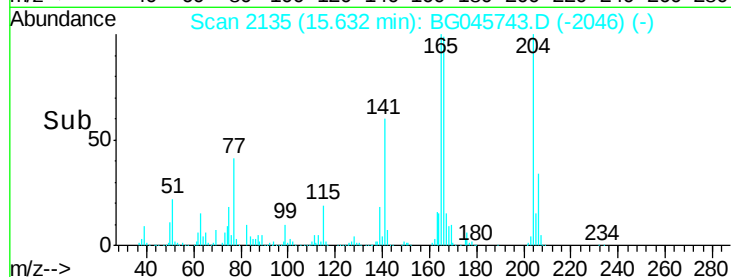
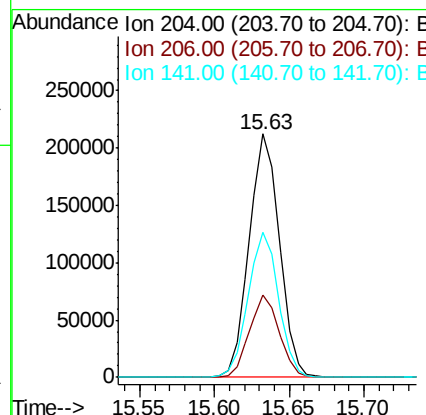
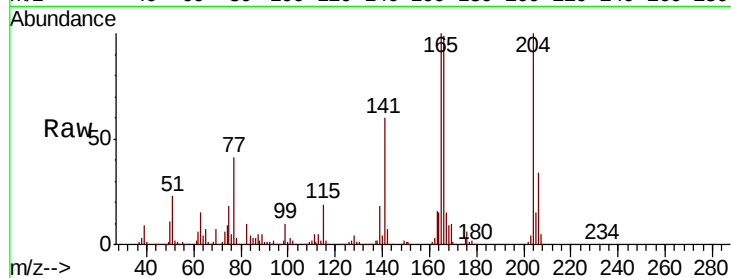




#61
4-Chlorophenyl-phenylether
Concen: 46.573 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

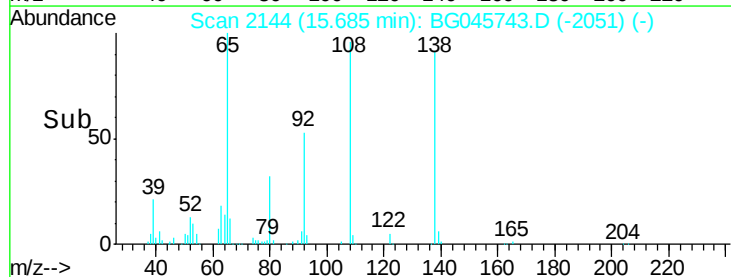
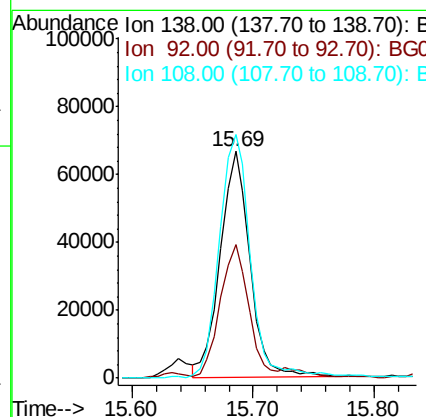
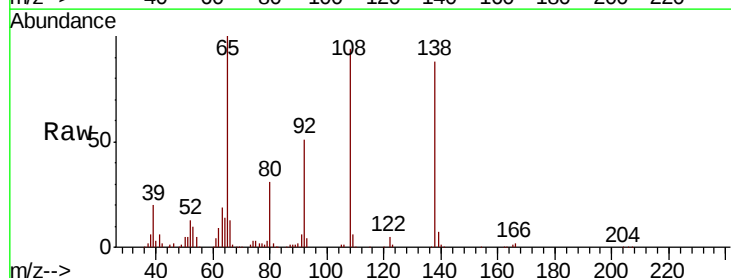
Instrument :
BNA_G
ClientSampleID :
PB129506BS

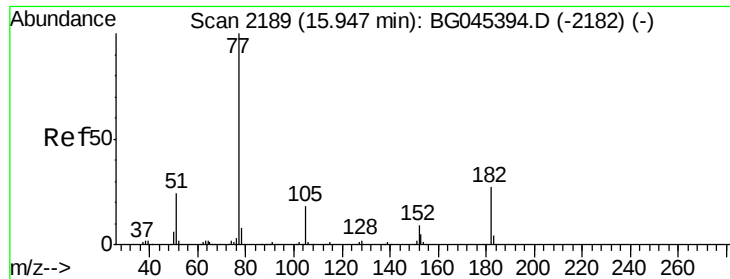
Tot Ion:204 Resp: 297866
Ion Ratio Lower Upper
204 100
206 33.6 27.3 40.9
141 59.8 45.9 68.9



#62
4-Nitroaniline
Concen: 40.113 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:138 Resp: 112524
Ion Ratio Lower Upper
138 100
92 58.7 38.0 78.0
108 107.5 89.3 129.3





#63

Azobenzene

Concen: 49.750 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

Tot Ion: 77 Resp: 565604

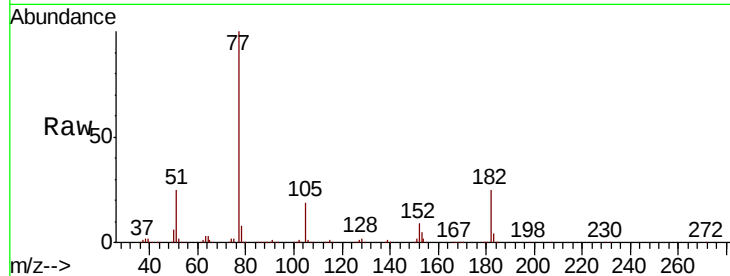
Ion Ratio Lower Upper

77 100

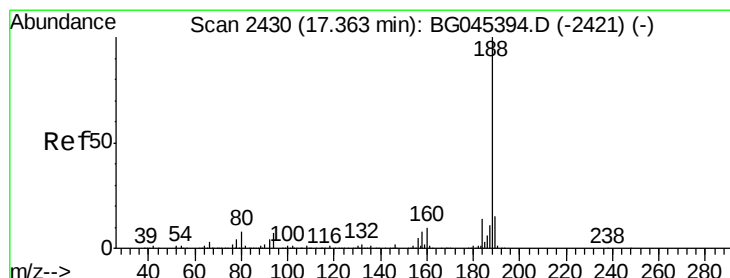
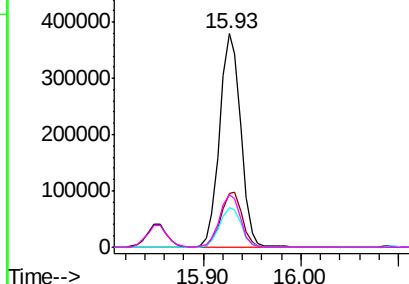
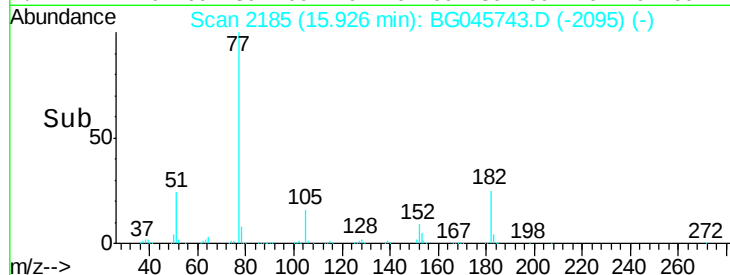
182 25.1 6.5 46.5

105 18.6 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

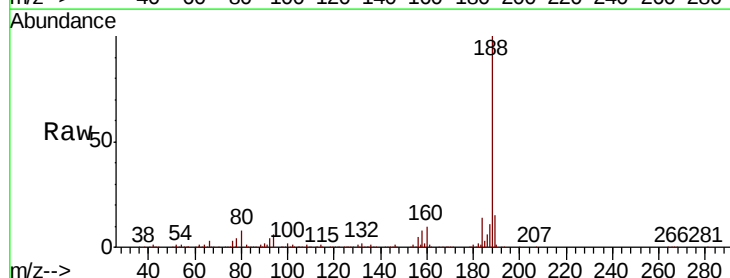
Tgt Ion: 188 Resp: 386727

Ion Ratio Lower Upper

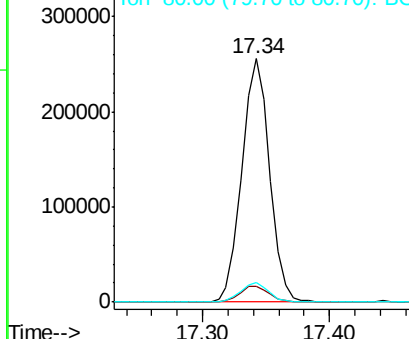
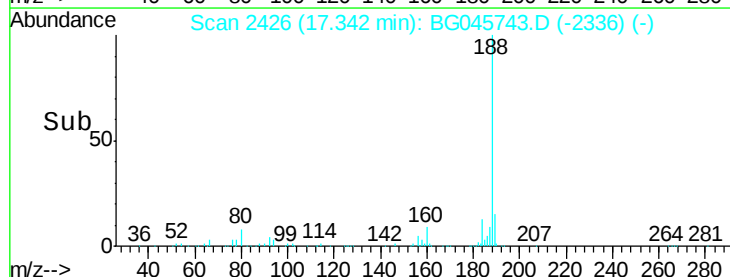
188 100

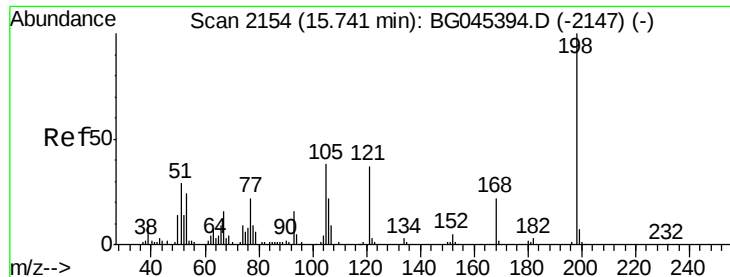
94 6.5 5.5 8.3

80 7.8 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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.903 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

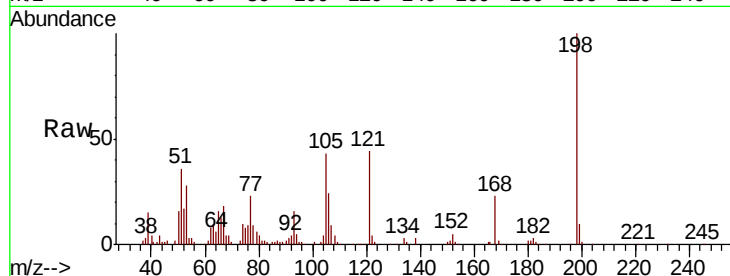
BNA_G

ClientSampleId :

PB129506BS

Tot Ion:198 Resp: 103386

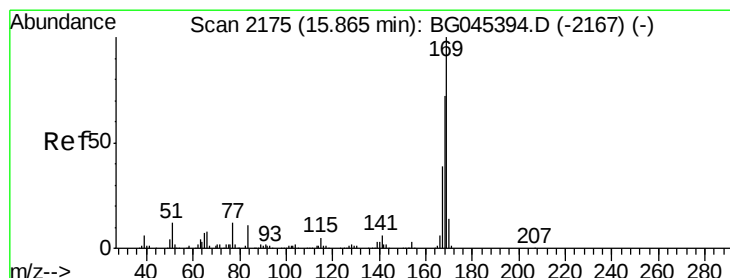
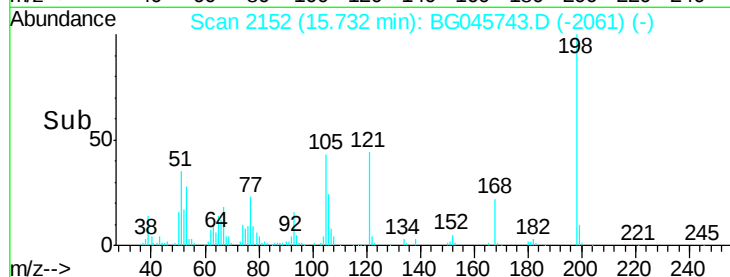
Ion	Ratio	Lower	Upper
198	100		
51	35.6	10.0	50.0
105	43.4	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.125 ng

RT: 15.86 min Scan# 2173

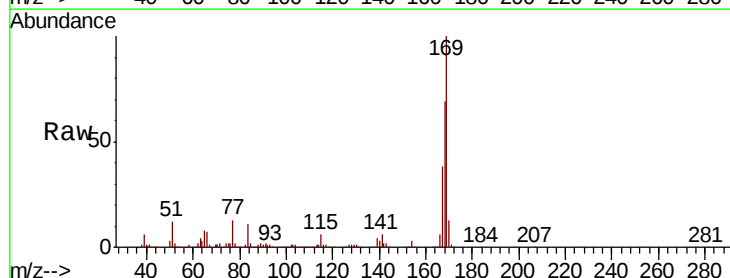
Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Tgt Ion:169 Resp: 484000

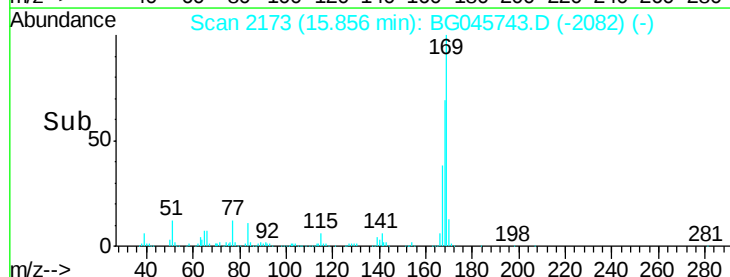
Ion	Ratio	Lower	Upper
169	100		
168	68.7	57.8	86.6
167	38.0	31.5	47.3



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

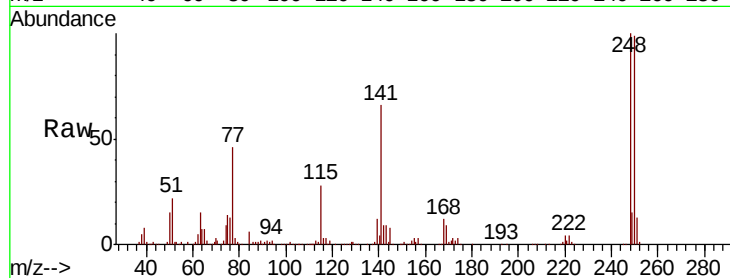




#67
4-Bromophenyl-phenylether
Concen: 49.722 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.6	117.8
141	65.6	58.2	87.2

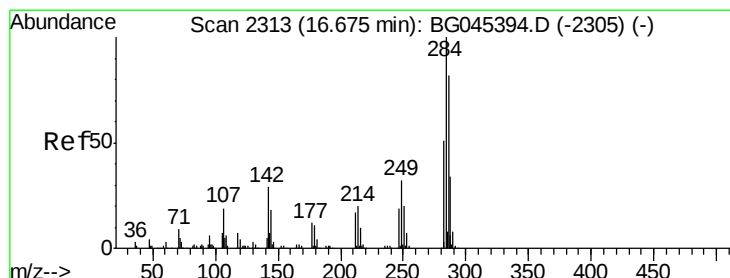
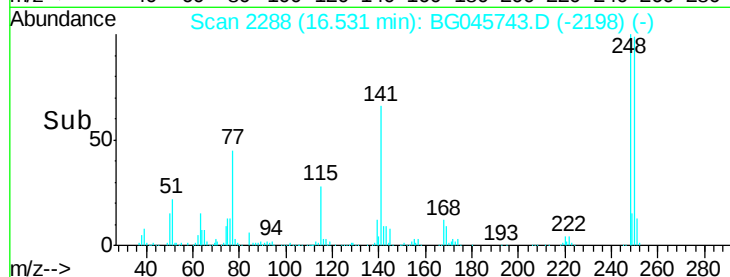
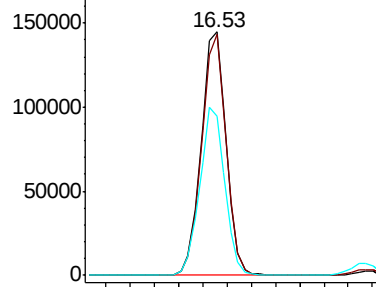


Abundance

Ion 248.00 (247.70 to 248.70): E

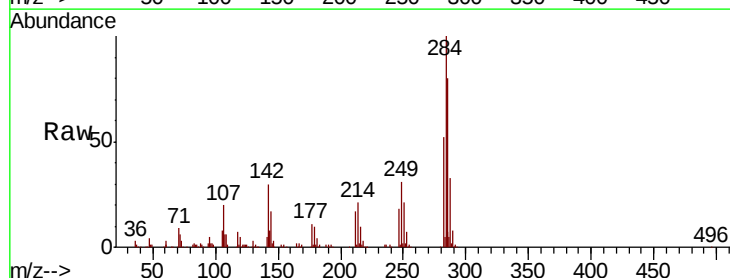
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 50.836 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.0	34.6
249	31.2	25.8	38.6

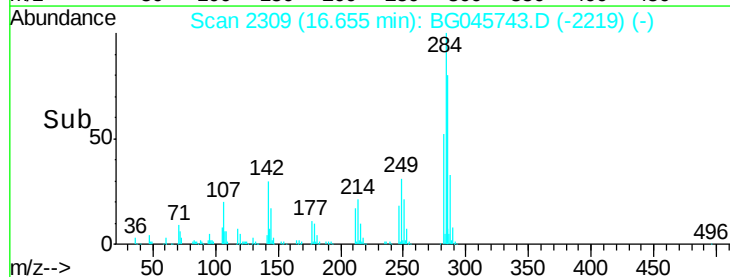
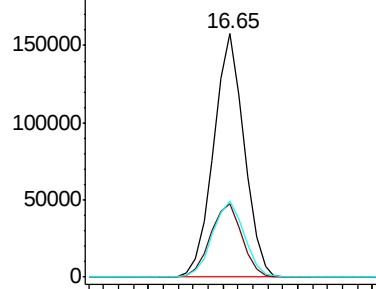


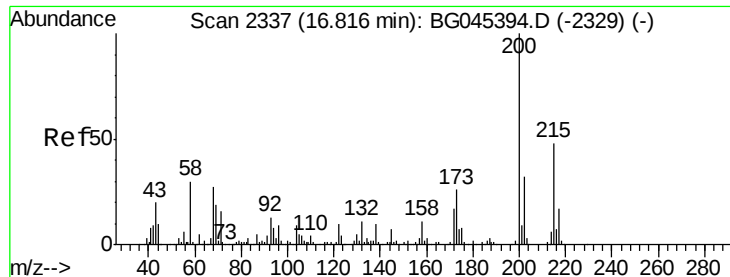
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.920 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

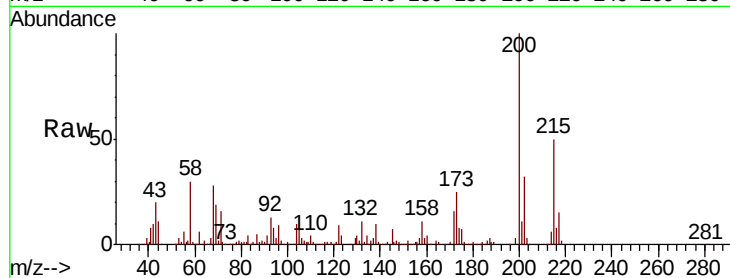
Tot Ion:200 Resp: 179446

Ion Ratio Lower Upper

200 100

173 24.5 5.5 45.5

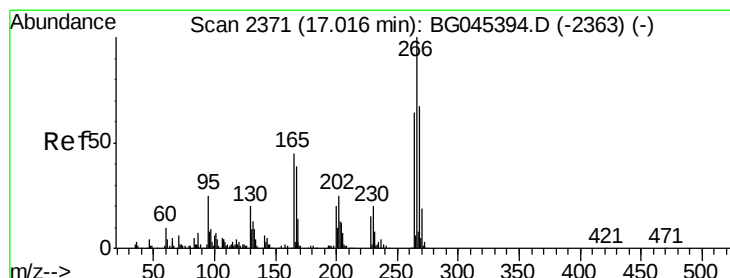
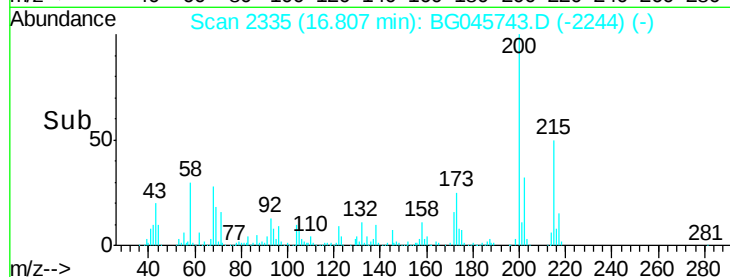
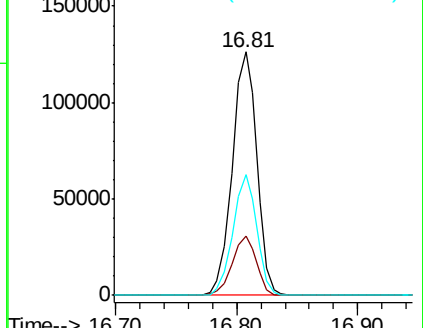
215 49.8 28.2 68.2



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: 89.685 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

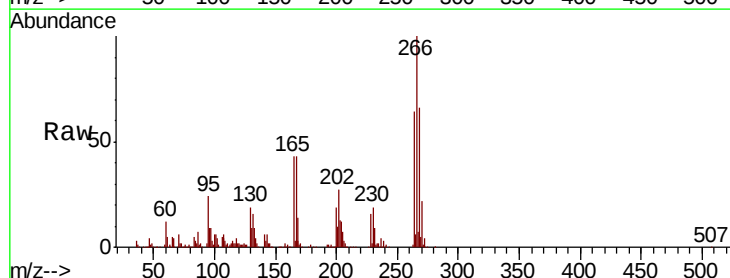
Tgt Ion:266 Resp: 203964

Ion Ratio Lower Upper

266 100

268 65.8 53.2 79.8

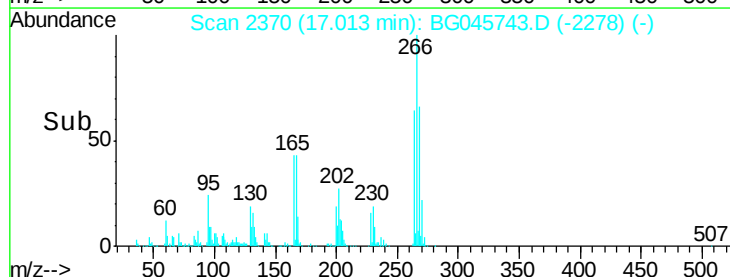
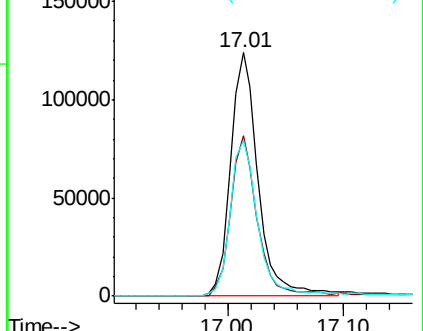
264 63.8 51.0 76.4

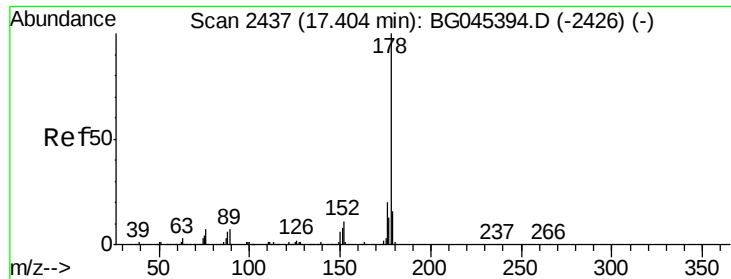


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

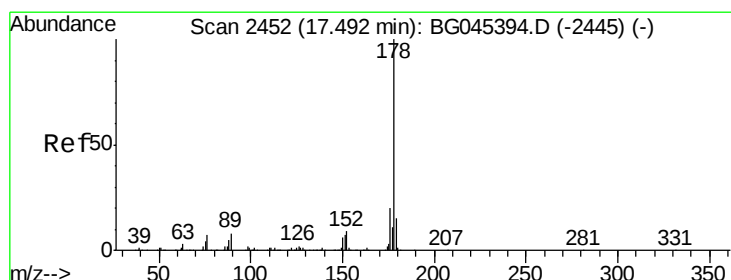
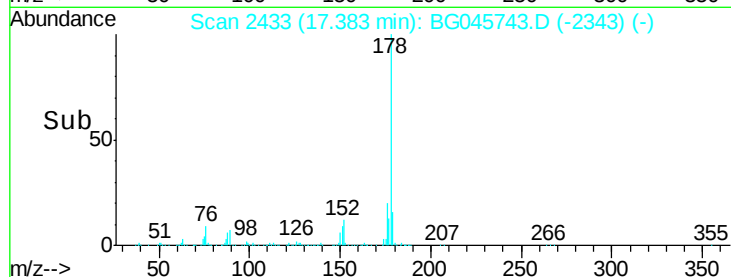
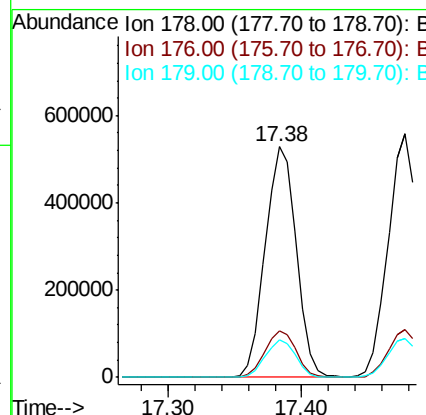
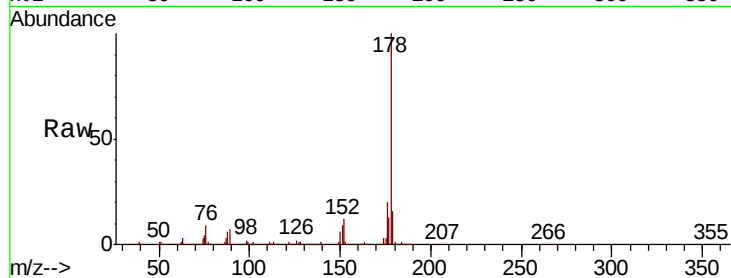




#71
Phenanthrene
Concen: 50.360 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

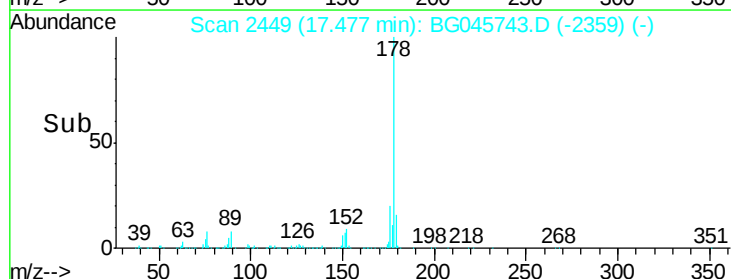
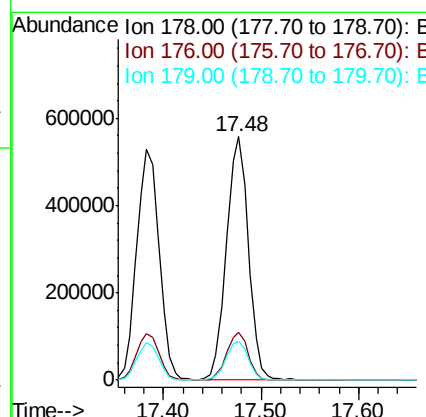
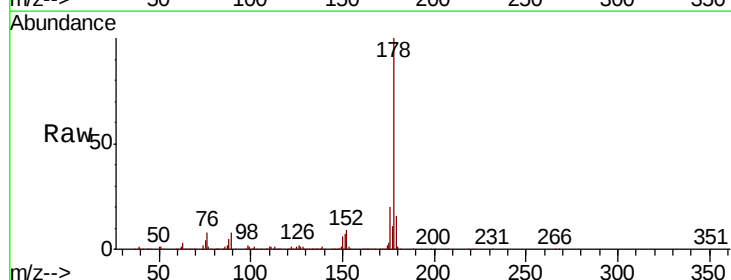
Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.4	13.1	19.7



#72
Anthracene
Concen: 51.179 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.1	12.2	18.4

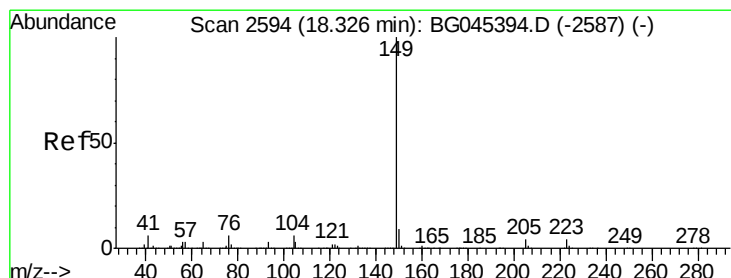
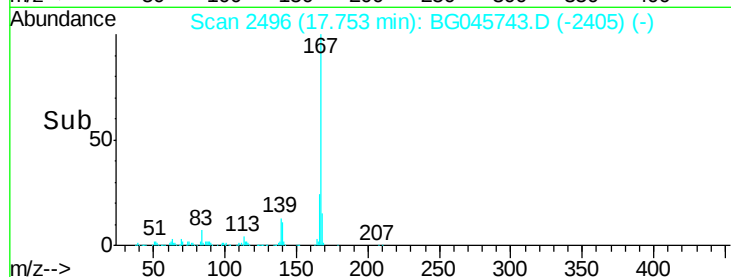
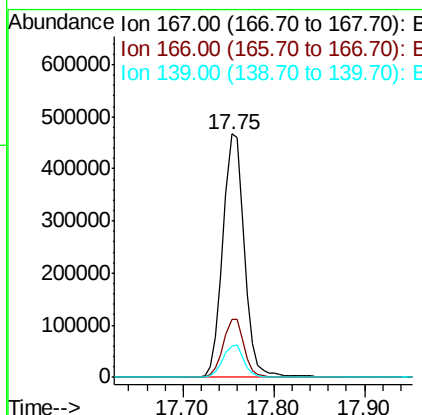
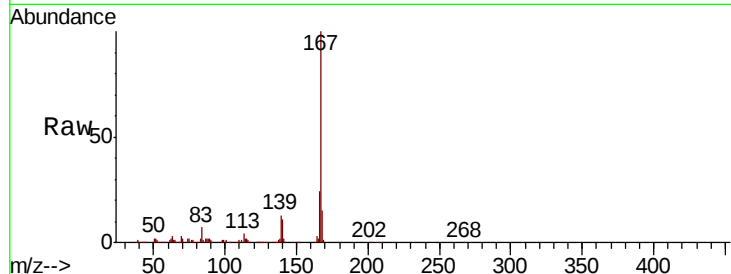




#73
 Carbazole
 Concen: 46.765 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

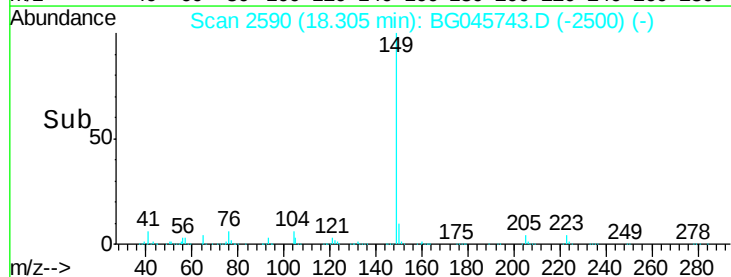
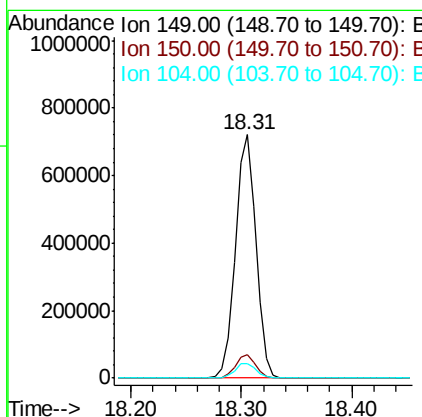
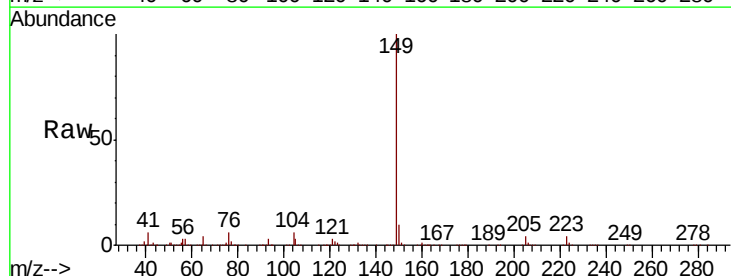
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

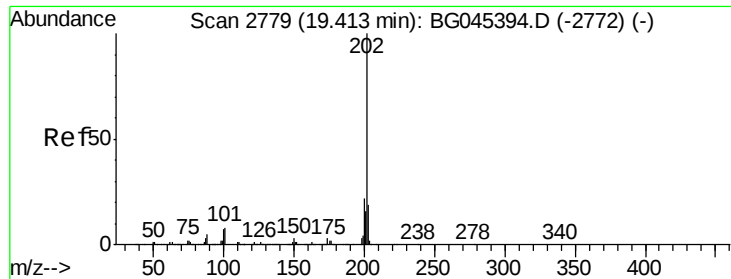
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	12.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 47.289 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.1	5.0	7.4

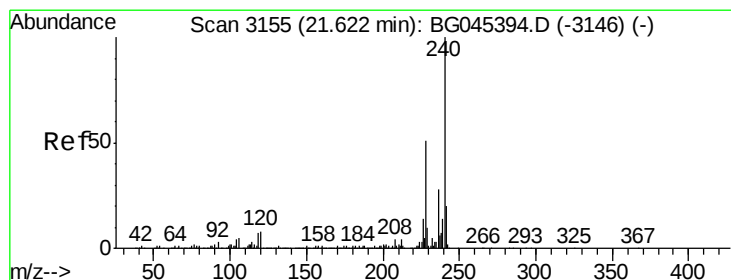
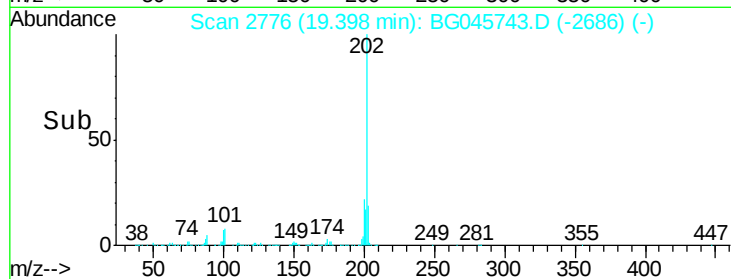
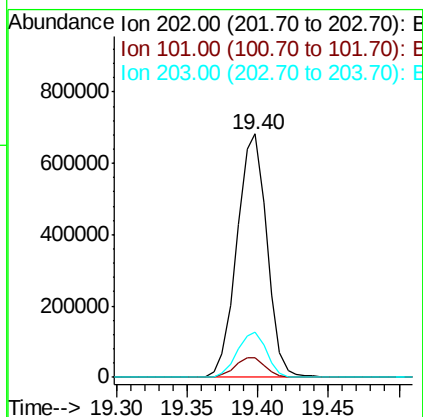
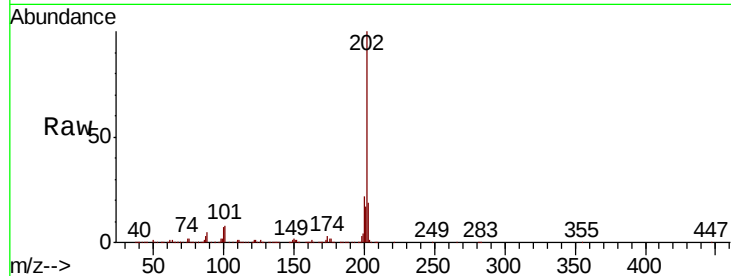




#75
 Fluoranthene
 Concen: 46.944 ng
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

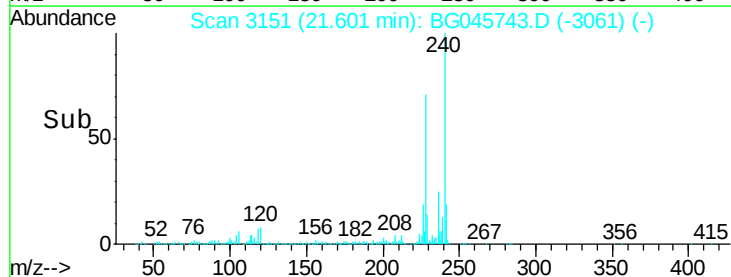
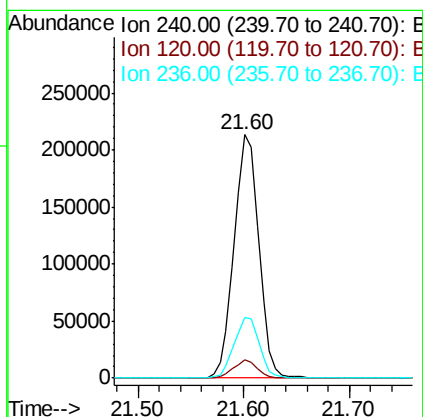
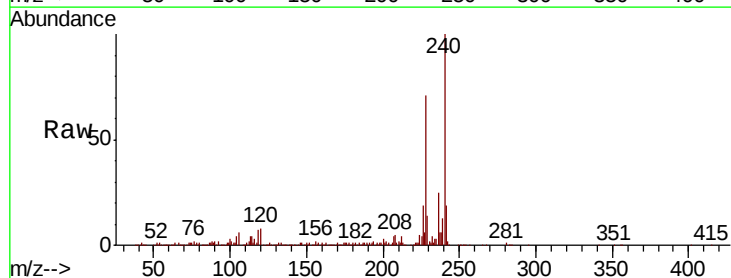
Instrument :
 BNA_G
 ClientSampleId :
 PB129506BS

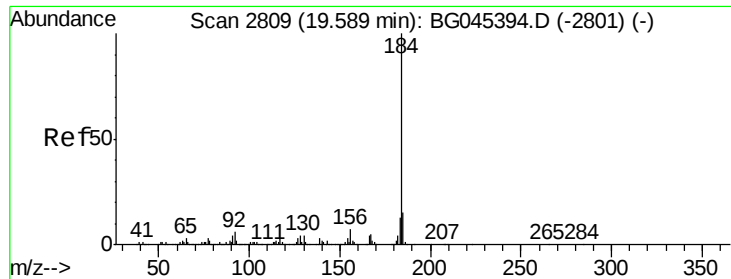
Tot Ion:202 Resp: 1008064
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 28.3
 203 18.7 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045743.D
 Acq: 12 Jun 2020 16:41

Tgt Ion:240 Resp: 343581
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.1 9.1
 236 25.0 22.3 33.5





#77

Benzidine

Concen: 41.400 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

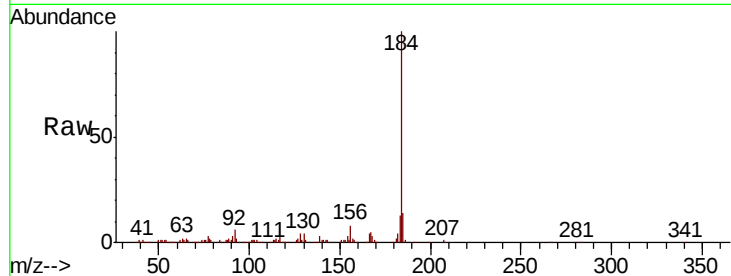
BNA_G

ClientSampleId :

PB129506BS

Tot Ion:184 Resp: 399497

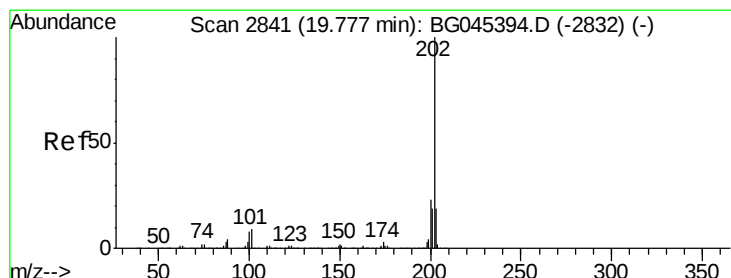
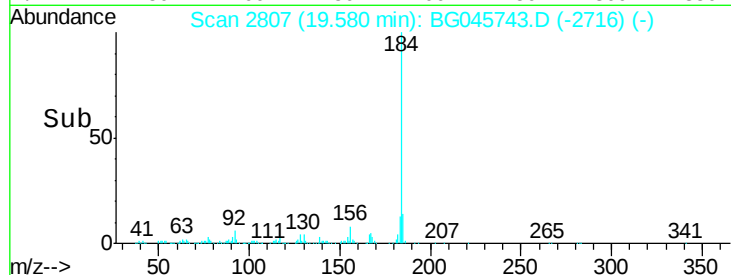
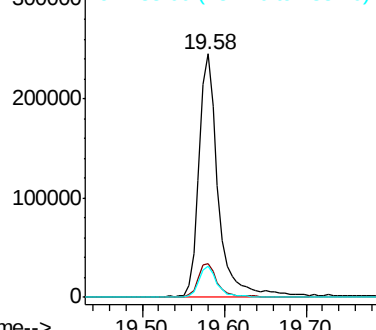
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.7	17.5
183	12.8	10.2	15.4



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: 50.583 ng

RT: 19.76 min Scan# 2837

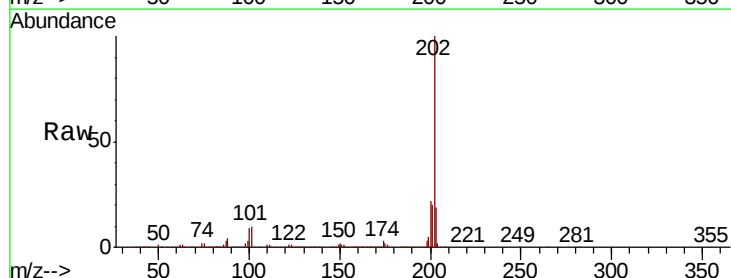
Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Tgt Ion:202 Resp: 990698

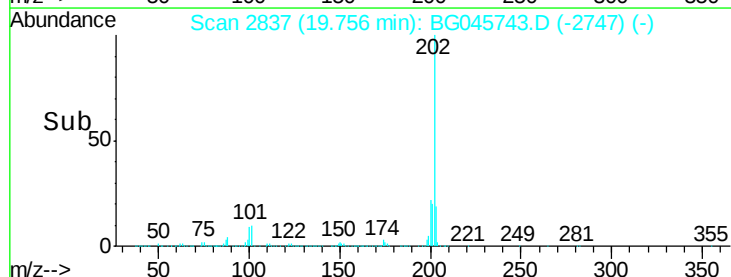
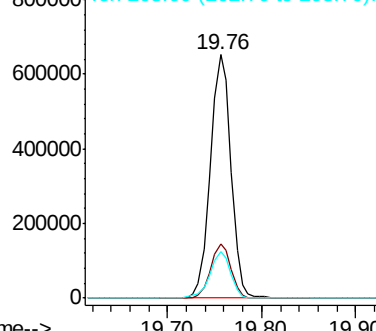
Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	19.1	15.1	22.7

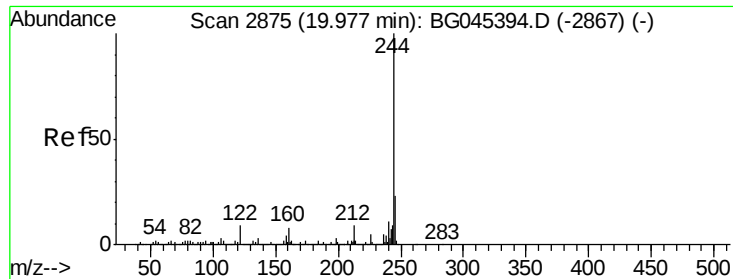


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.861 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

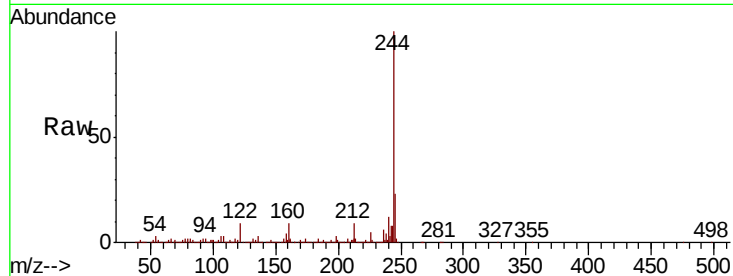
Tot Ion:244 Resp: 1456360

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

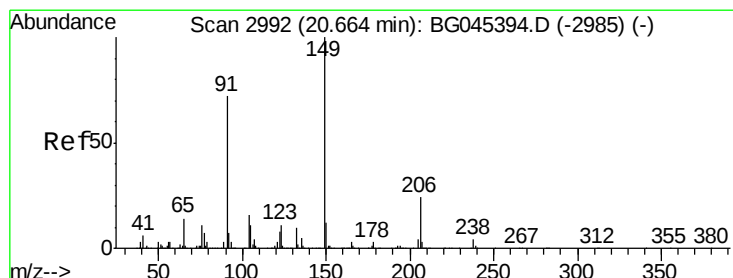
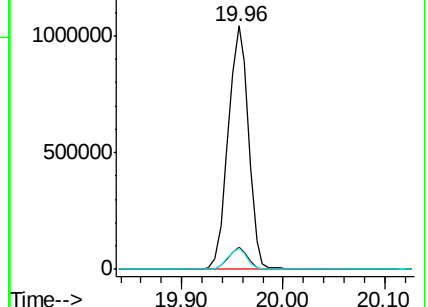
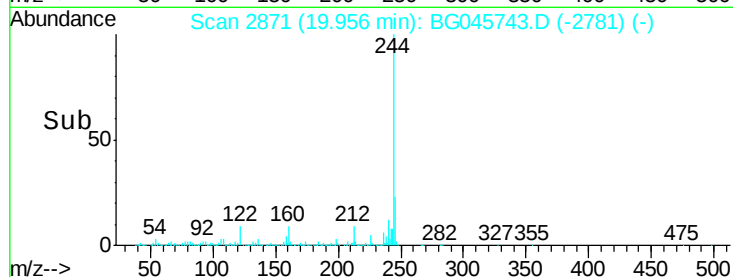
122 8.6 6.8 10.2



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: 48.385 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

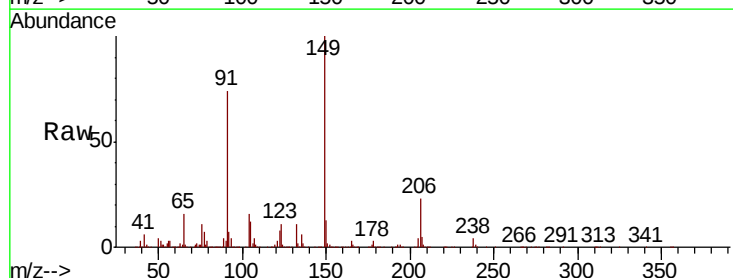
Tgt Ion:149 Resp: 409036

Ion Ratio Lower Upper

149 100

91 74.0 57.8 86.6

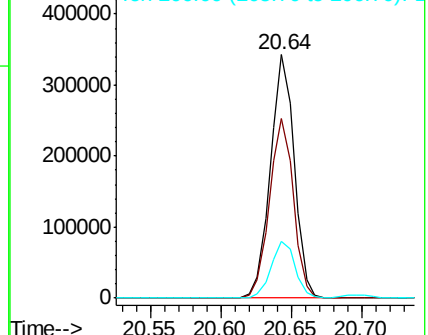
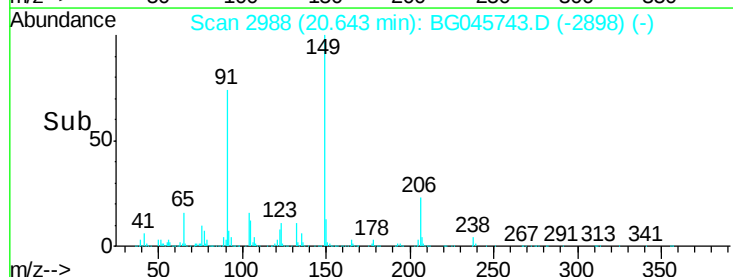
206 23.4 19.1 28.7

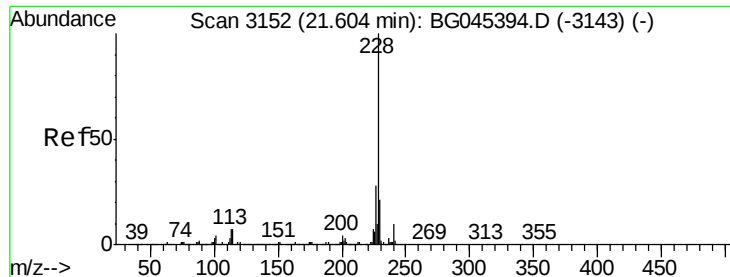


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.188 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

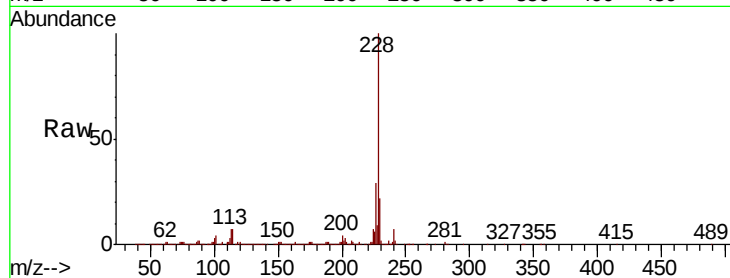
Tot Ion:228 Resp: 941441

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

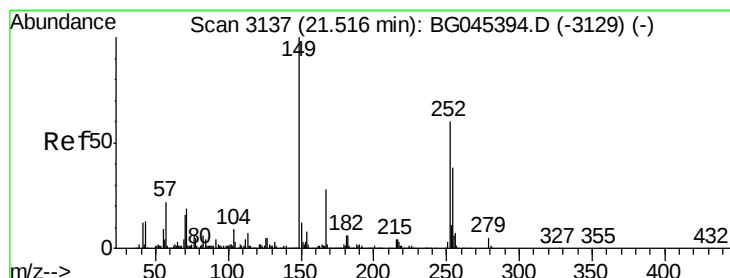
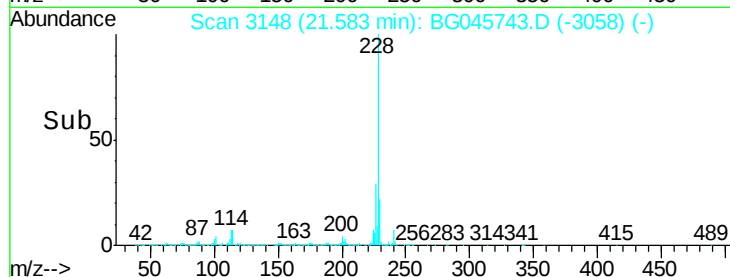
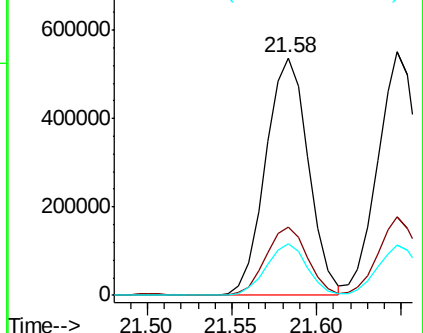
229 21.6 16.7 25.1



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: 36.927 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

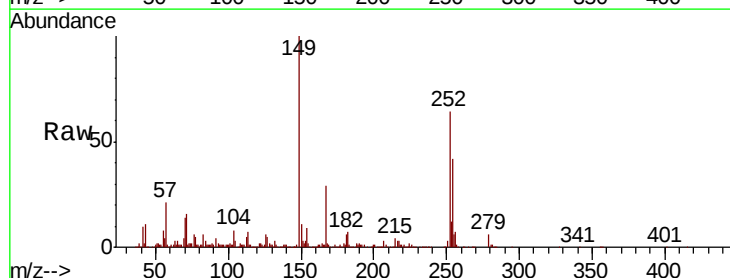
Tgt Ion:252 Resp: 277244

Ion Ratio Lower Upper

252 100

254 65.6 51.3 76.9

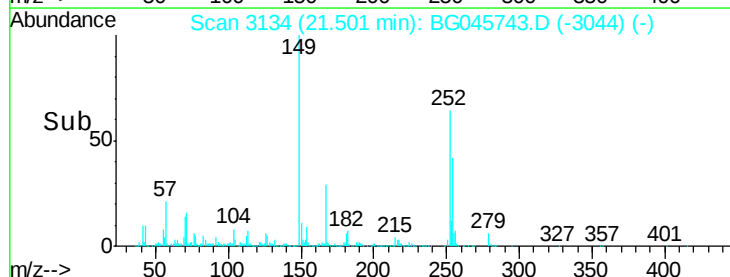
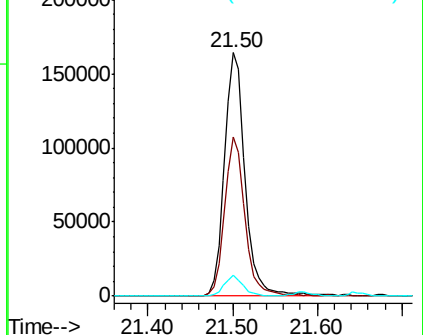
126 8.8 6.6 10.0



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: 50.167 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

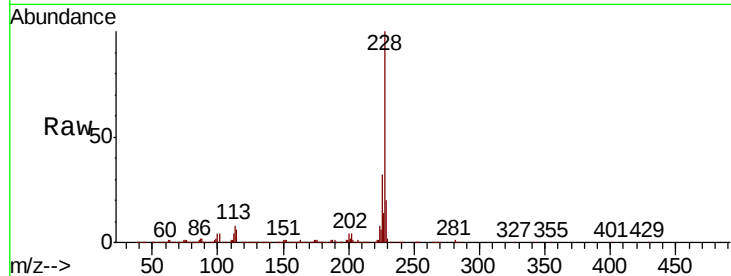
Tot Ion:228 Resp: 923248

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

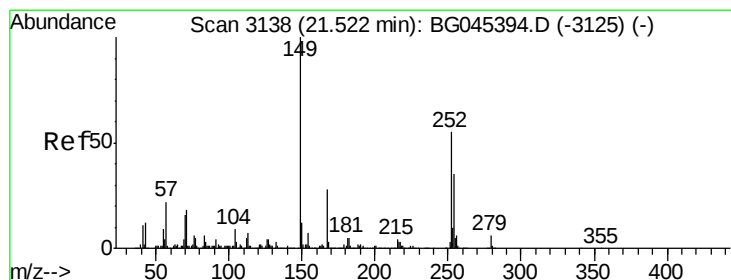
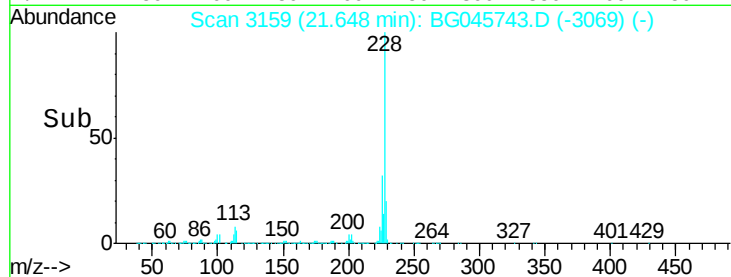
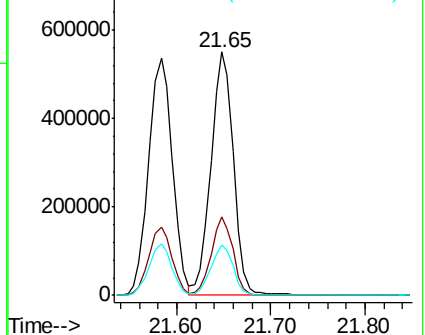
229 20.5 16.7 25.1



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: 49.605 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

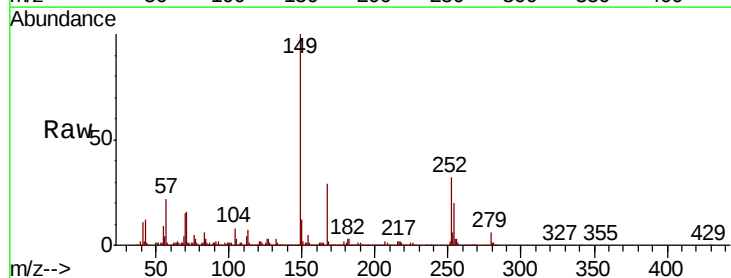
Tgt Ion:149 Resp: 576445

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

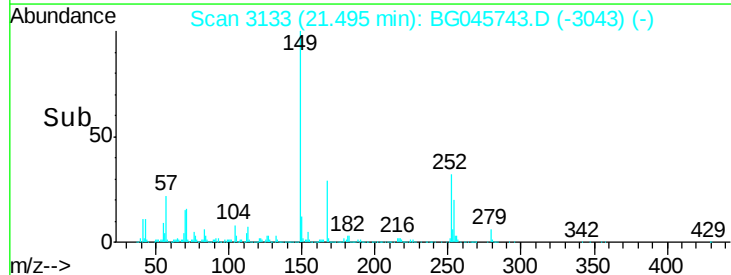
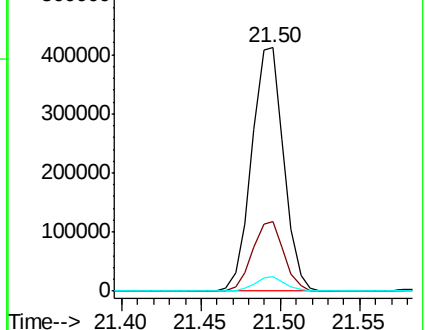
279 5.8 4.7 7.1

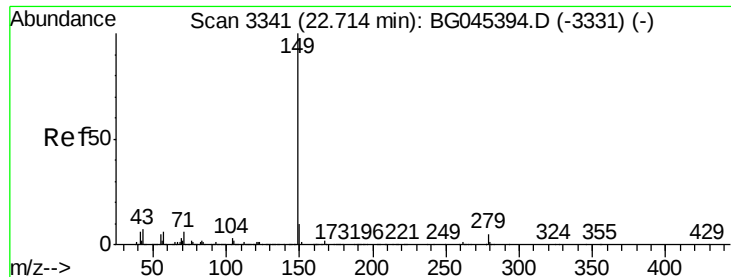


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.099 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB129506BS

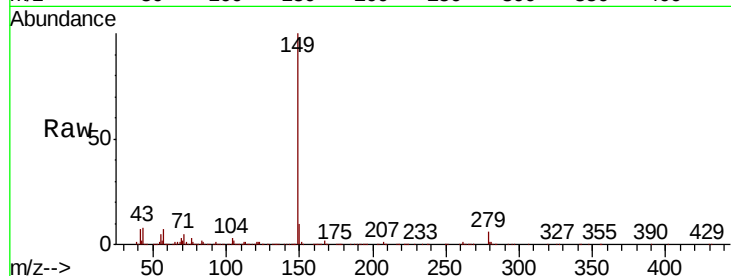
Tot Ion:149 Resp: 960002

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

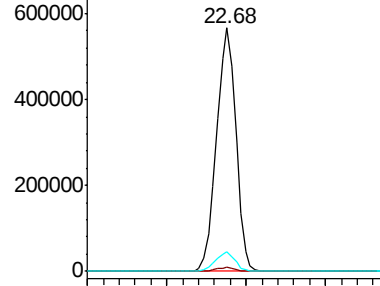
43 7.6 5.8 8.8



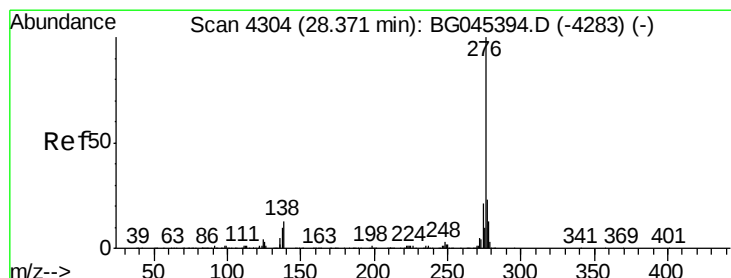
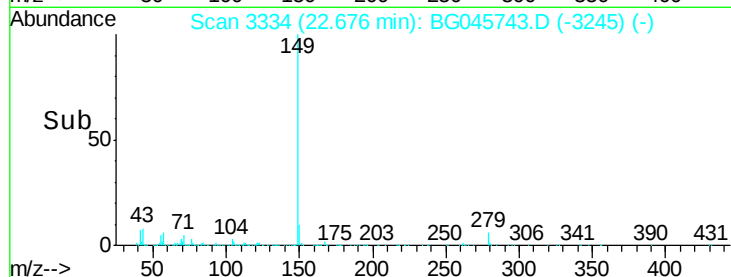
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.50 22.60 22.70 22.80



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.264 ng

RT: 28.32 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045743.D

Acq: 12 Jun 2020 16:41

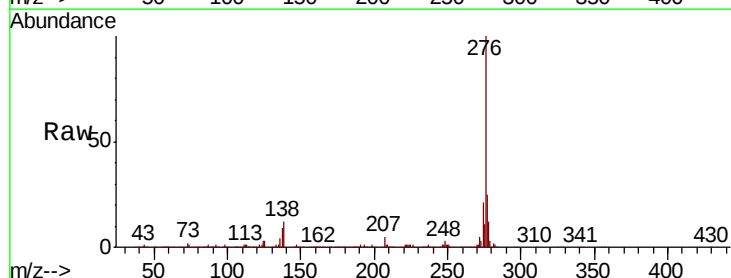
Tgt Ion:276 Resp: 1161528

Ion Ratio Lower Upper

276 100

138 14.7 8.6 12.8#

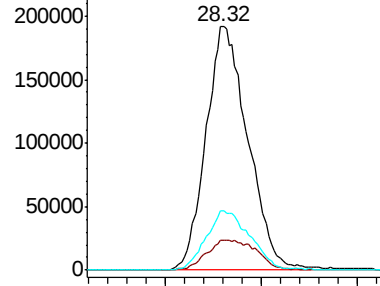
277 25.5 20.2 30.4



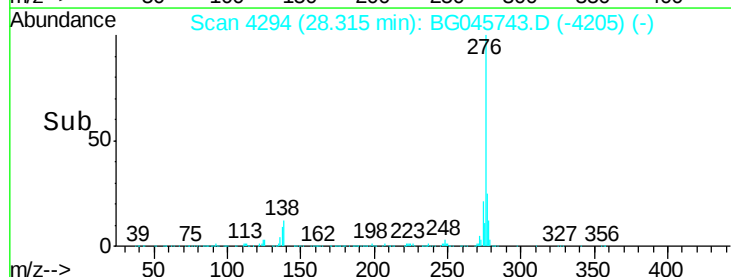
Abundance Ion 276.00 (275.70 to 276.70): E

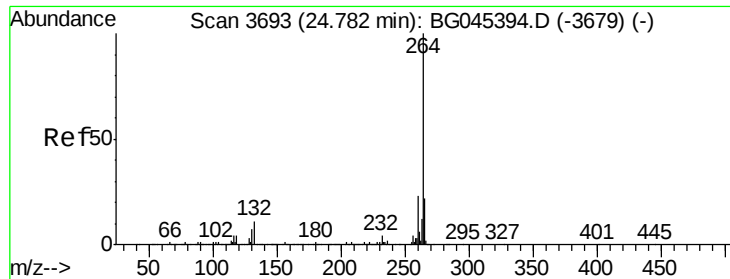
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 28.20 28.40 28.60



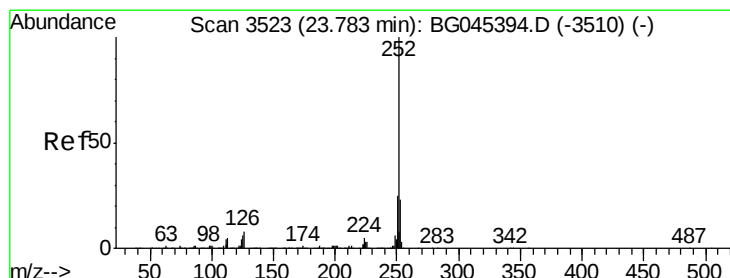
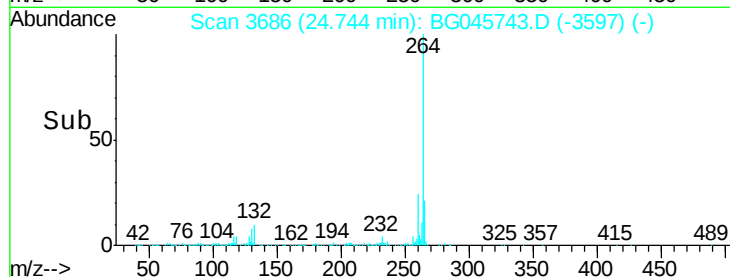
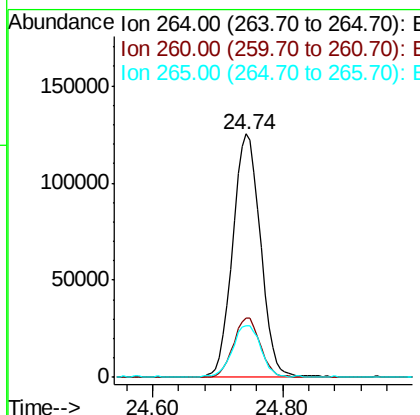
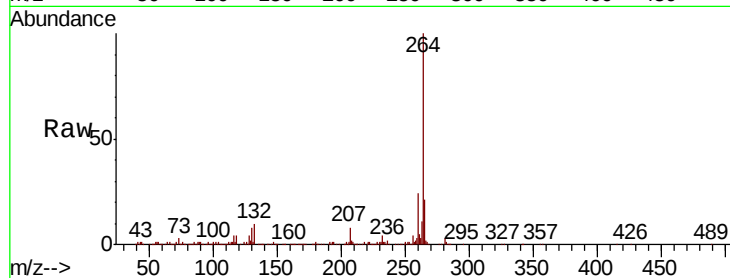


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:264 Resp: 371715

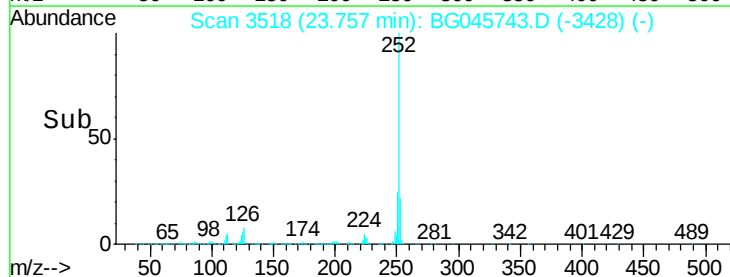
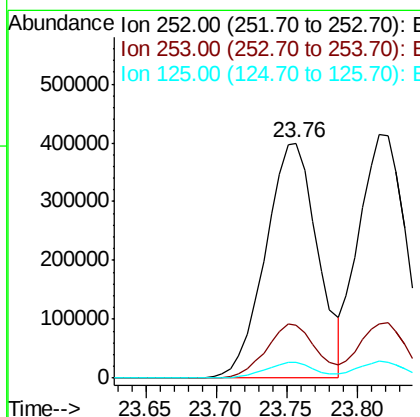
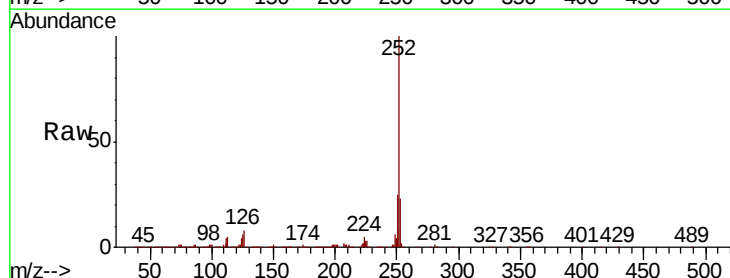
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.2	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 51.470 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:252 Resp: 1026074

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	6.5	5.0	7.6

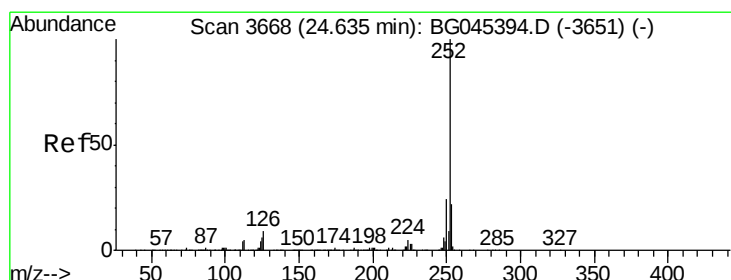
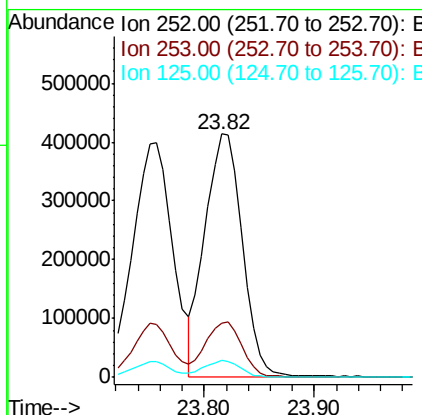
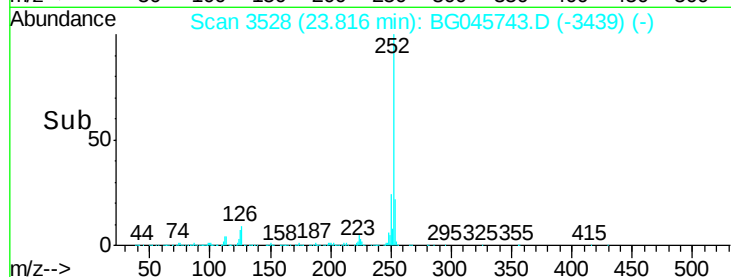
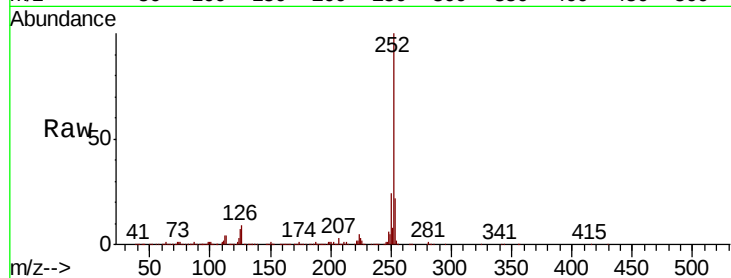




#89
Benzo(k)fluoranthene
Concen: 51.567 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

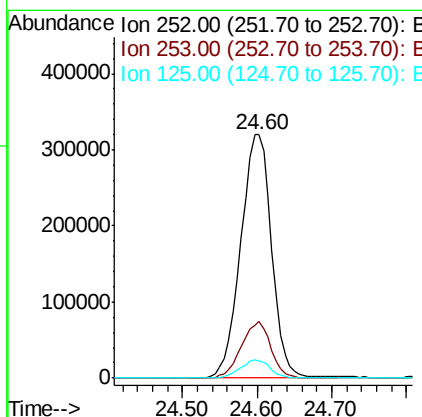
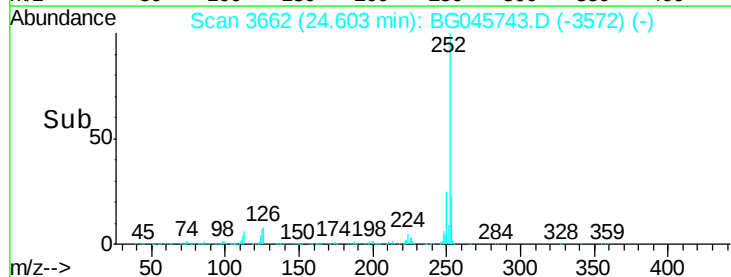
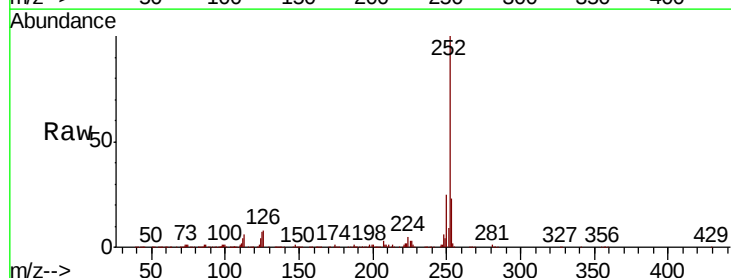
Instrument :
BNA_G
ClientSampleId :
PB129506BS

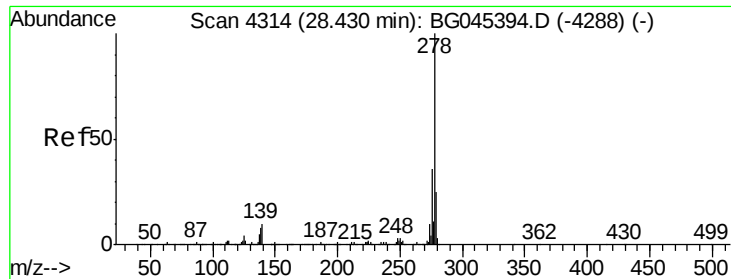
Tot Ion:252 Resp: 965809
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.0 5.7 8.5



#90
Benzo(a)pyrene
Concen: 49.619 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:252 Resp: 921245
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 7.2 5.0 7.6

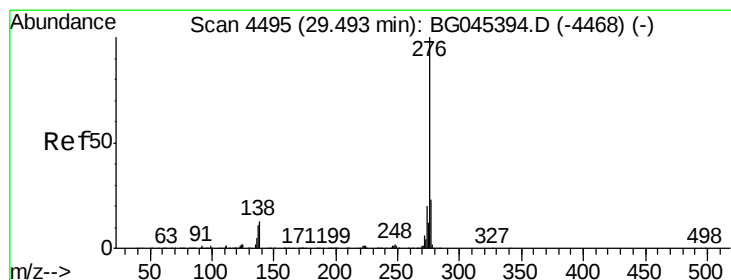
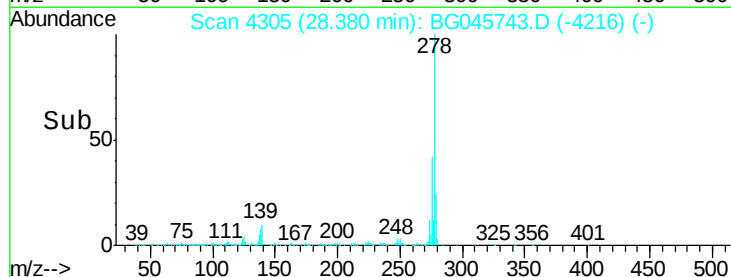
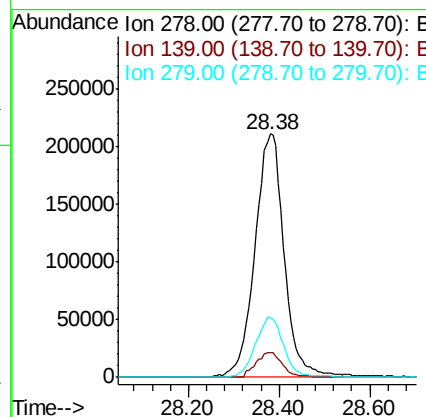
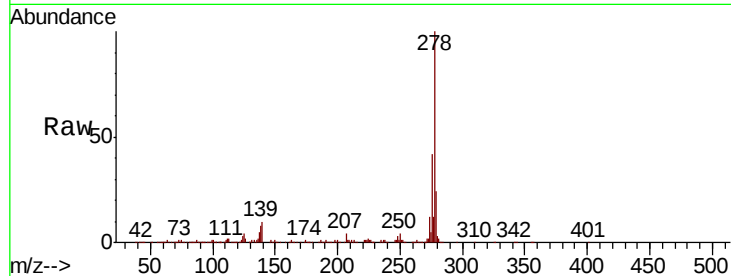




#91
Dibenzo(a,h)anthracene
Concen: 50.463 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129506BS

Tot Ion:278 Resp: 941520
Ion Ratio Lower Upper
278 100
139 10.0 7.8 11.8
279 24.4 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 50.750 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045743.D
Acq: 12 Jun 2020 16:41

Tgt Ion:276 Resp: 946988
Ion Ratio Lower Upper
276 100
277 22.8 18.1 27.1
138 12.6 10.2 15.4

