

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045741.D
 Acq On : 12 Jun 2020 15:19
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Quant Time: Jun 12 17:15:19 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	7.94	152	61429	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238762	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	168282	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383342	20.00	ng	0.00
76) Chrysene-d12	21.60	240	347439	20.00	ng	0.00
87) Perylene-d12	24.74	264	364973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	478008	152.07	ng	0.03
7) Phenol-d6	7.19	99	662604	148.11	ng	0.04
23) Nitrobenzene-d5	9.11	82	429432	98.08	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	304398	141.44	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	942871	95.04	ng	0.00
79) Terphenyl-d14	19.96	244	1503447	100.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	57702	37.019	ng	# 95
3) Pyridine	3.80	79	170760	39.335	ng	97
4) n-Nitrosodimethylamine	3.72	42	70402	49.560	ng	86
6) Aniline	7.28	93	229805	39.349	ng	98
8) 2-Chlorophenol	7.54	128	180358	52.323	ng	98
9) Benzaldehyde	7.08	77	128750	44.171	ng	99
10) Phenol	7.21	94	237188	51.441	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	168290	46.793	ng	98
12) 1,3-Dichlorobenzene	7.84	146	191395	46.205	ng	99
13) 1,4-Dichlorobenzene	7.98	146	191086	46.744	ng	97
14) 1,2-Dichlorobenzene	8.30	146	182722	46.473	ng	96
15) Benzyl Alcohol	8.21	79	182475	49.374	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.47	45	160081	46.891	ng	94
17) 2-Methylphenol	8.44	107	163779	47.455	ng	94
18) Hexachloroethane	9.03	117	73778	47.123	ng	89
19) n-Nitroso-di-n-propylamine	8.75	70	153573	49.640	ng	95
20) 3+4-Methylphenols	8.77	107	209479	44.573	ng	# 45
22) Acetophenone	8.77	105	272311	48.121	ng	# 92
24) Nitrobenzene	9.15	77	229601	48.945	ng	96
25) Isophorone	9.68	82	409345	47.473	ng	98
26) 2-Nitrophenol	9.86	139	101673	50.666	ng	98
27) 2,4-Dimethylphenol	9.96	122	161886	54.391	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	229484	50.747	ng	96
29) 2,4-Dichlorophenol	10.44	162	180165	51.261	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	202384	48.731	ng	97
31) Naphthalene	10.80	128	540896	48.615	ng	99
32) Benzoic acid	10.16	122	88934	44.783	ng	94
33) 4-Chloroaniline	10.93	127	146107	31.416	ng	97
34) Hexachlorobutadiene	11.09	225	136818	46.605	ng	99
35) Caprolactam	11.70	113	60777	47.112	ng	87
36) 4-Chloro-3-methylphenol	12.10	107	209730	52.956	ng	94
37) 2-Methylnaphthalene	12.41	142	406122	48.973	ng	95
38) 1-Methylnaphthalene	12.41	142	406122	51.844	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	224890	47.845	ng	99

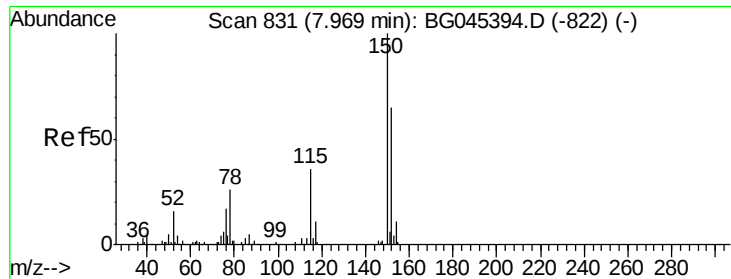
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	266324	98.167	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	161353	49.416	ng	100
44) 2,4,5-Trichlorophenol	13.14	196	171618	45.995	ng	98
46) 1,1'-Biphenyl	13.42	154	513808	49.690	ng	98
47) 2-Chloronaphthalene	13.47	162	400474	47.695	ng	99
48) 2-Nitroaniline	13.68	65	136964	49.588	ng	96
49) Acenaphthylene	14.31	152	649395	48.149	ng	99
50) Dimethylphthalate	14.05	163	542973	47.035	ng	99
51) 2,6-Dinitrotoluene	14.17	165	125168	48.051	ng	98
52) Acenaphthene	14.66	154	385699	42.723	ng	97
53) 3-Nitroaniline	14.52	138	93290	35.230	ng	96
54) 2,4-Dinitrophenol	14.72	184	108071	64.470	ng	96
55) Dibenzofuran	14.99	168	634586	47.334	ng	96
56) 4-Nitrophenol	14.90	139	159564	79.591	ng	90
57) 2,4-Dinitrotoluene	14.96	165	172764	45.794	ng	96
58) Fluorene	15.64	166	537949	48.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162914	49.629	ng	99
60) Diethylphthalate	15.42	149	563486	46.897	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	294462	46.719	ng	97
62) 4-Nitroaniline	15.69	138	109849	39.737	ng	95
63) Azobenzene	15.93	77	543852	48.542	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103916	46.545	ng	93
66) n-Nitrosodiphenylamine	15.86	169	466456	50.680	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	202003	48.664	ng	99
68) Hexachlorobenzene	16.66	284	221474	51.012	ng	99
69) Atrazine	16.81	200	176629	46.591	ng	98
70) Pentachlorophenol	17.01	266	210387	93.326	ng	96
71) Phenanthrene	17.38	178	839534	50.166	ng	100
72) Anthracene	17.48	178	855600	50.911	ng	98
73) Carbazole	17.75	167	772714	47.170	ng	100
74) Di-n-butylphthalate	18.31	149	937013	47.656	ng	99
75) Fluoranthene	19.39	202	1015461	47.706	ng	100
77) Benzidine	19.58	184	418666	42.905	ng	99
78) Pyrene	19.76	202	992718	50.123	ng	99
80) Butylbenzylphthalate	20.64	149	409525	47.905	ng	98
81) Benzo(a)anthracene	21.58	228	940057	48.570	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	301244	39.679	ng	99
83) Chrysene	21.65	228	925595	49.736	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	572803	48.744	ng	100
85) Di-n-octyl phthalate	22.68	149	952956	47.216	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1155516	47.481	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1016163	51.914	ng	98
89) Benzo(k)fluoranthene	23.82	252	963962	52.419	ng	99
90) Benzo(a)pyrene	24.60	252	918814	50.402	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	951517	51.941	ng	97
92) Benzo(g,h,i)perylene	29.44	276	944110	51.530	ng	97

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

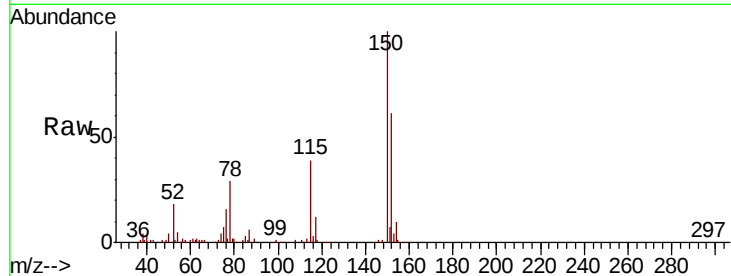


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	122.4	183.6
115	63.0	44.2	66.4

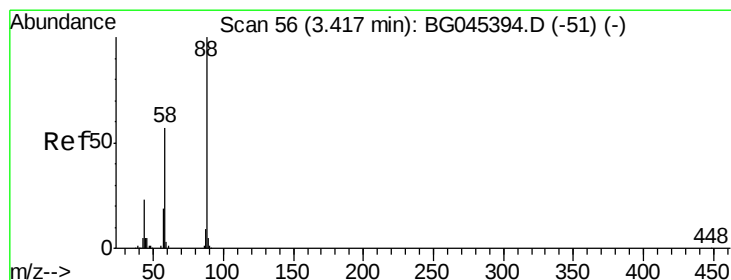
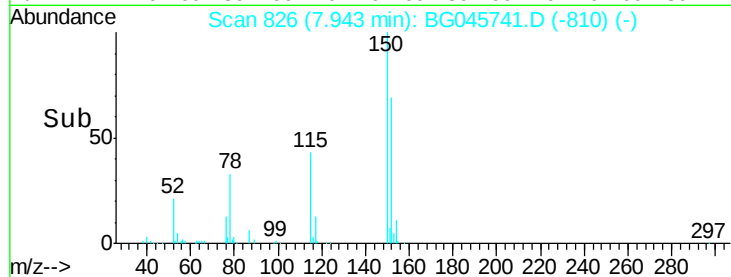
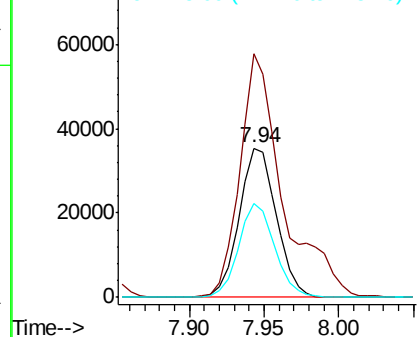


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

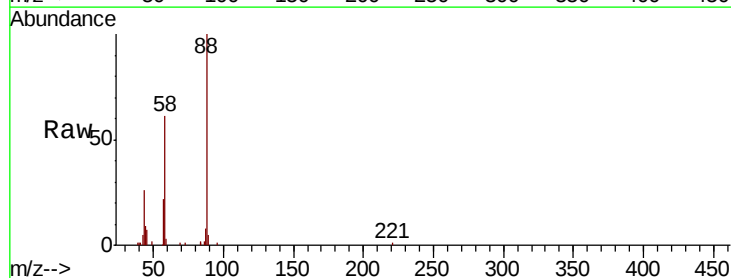
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.019 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.0	45.7	68.5
43	26.3	16.8	25.2

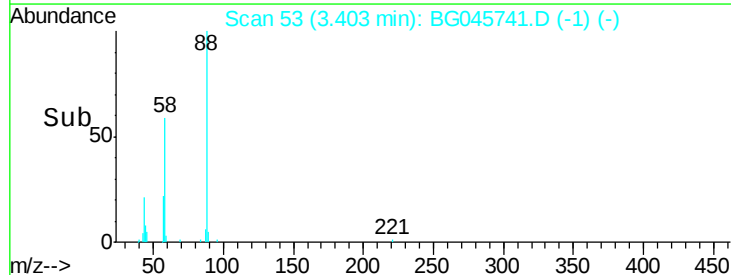
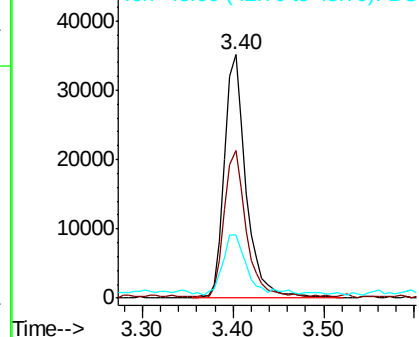


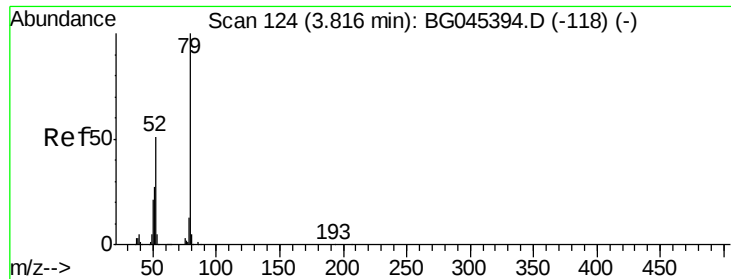
Abundance

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: 39.335 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

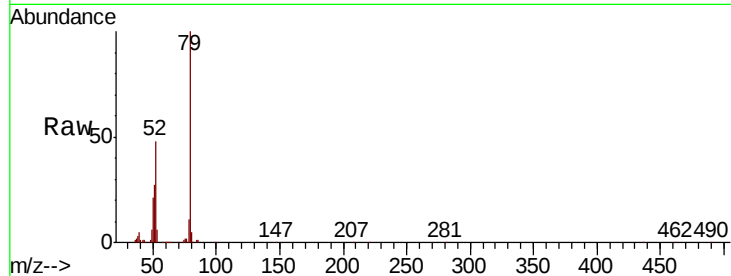
Tot Ion: 79 Resp: 170760

Ion Ratio Lower Upper

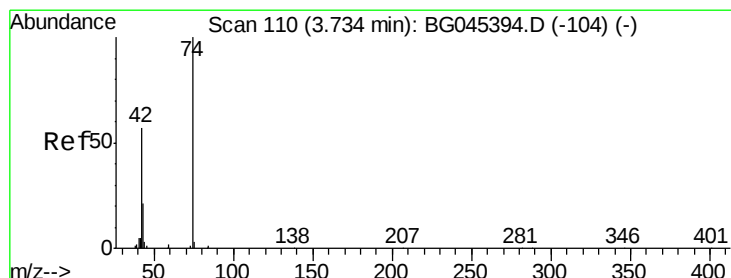
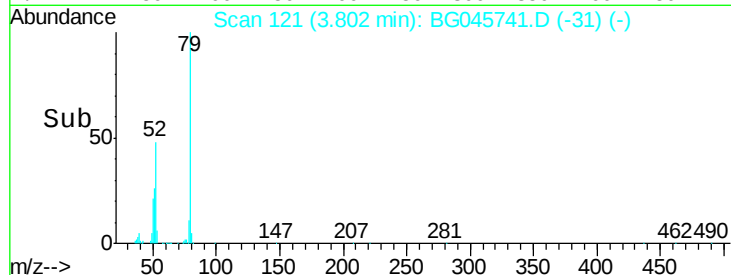
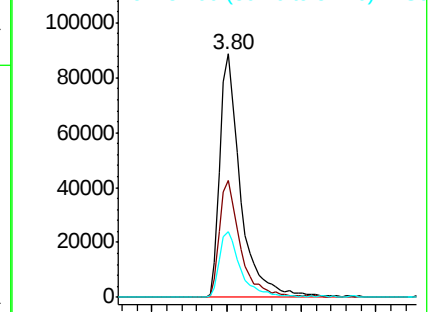
79 100

52 48.2 40.8 61.2

51 27.0 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 49.560 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

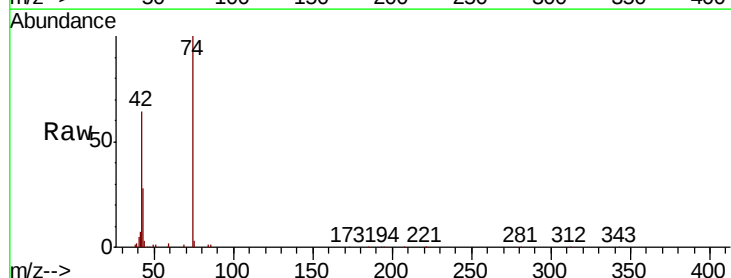
Tgt Ion: 42 Resp: 70402

Ion Ratio Lower Upper

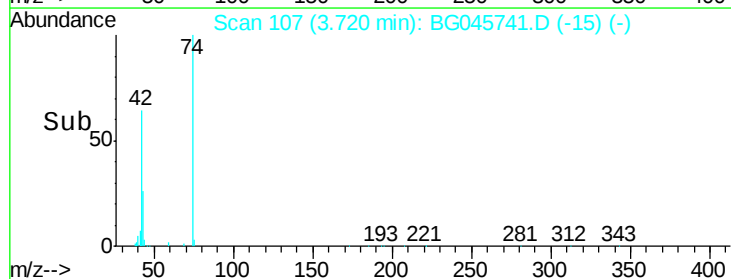
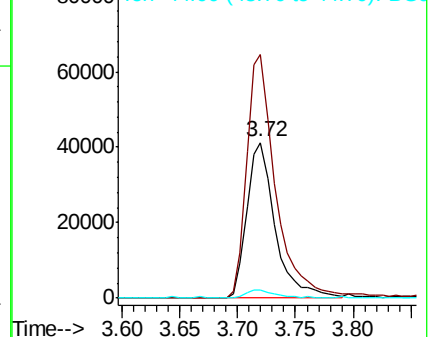
42 100

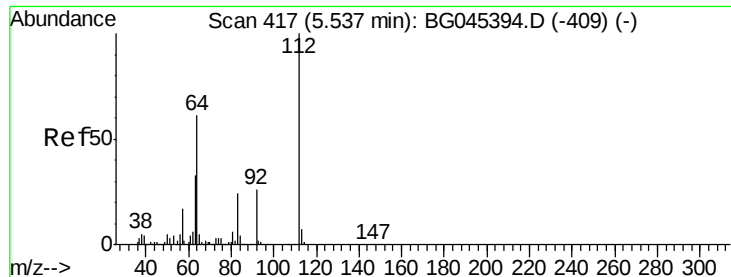
74 156.3 141.3 211.9

44 5.1 4.2 6.4



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





#5

2-Fluorophenol

Concen: 152.073 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

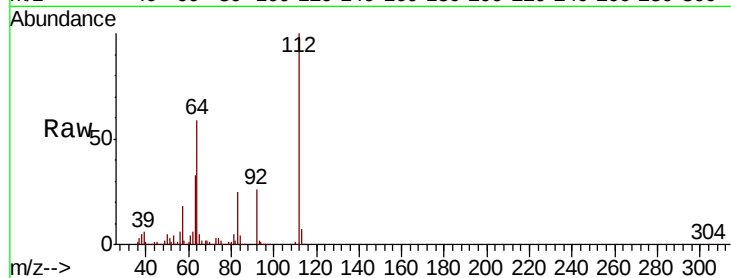
Tot Ion:112 Resp: 478008

Ion Ratio Lower Upper

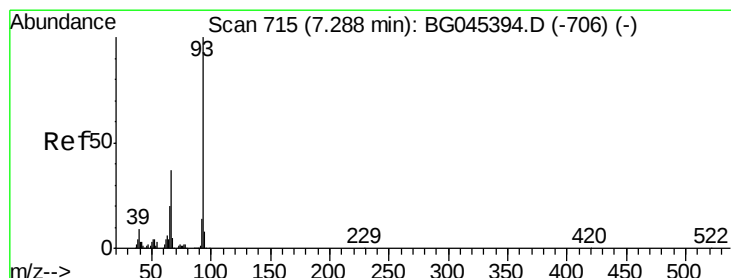
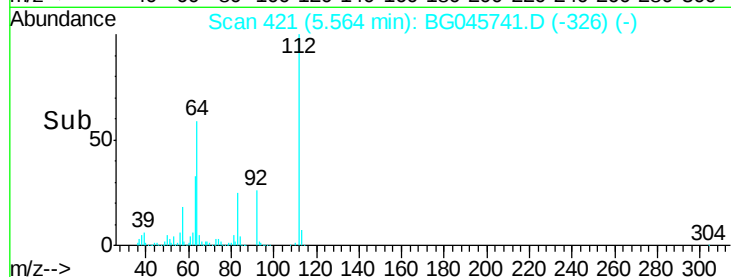
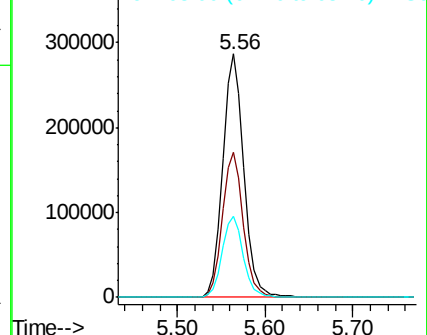
112 100

64 59.5 48.6 72.8

63 33.2 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: 39.349 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

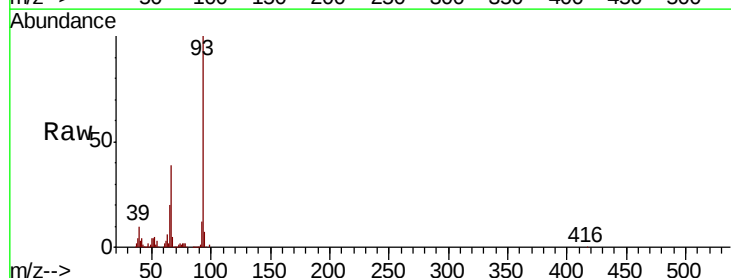
Tgt Ion: 93 Resp: 229805

Ion Ratio Lower Upper

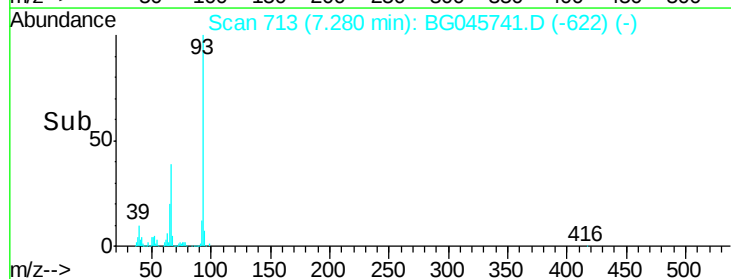
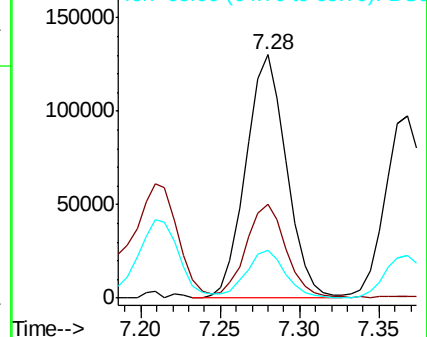
93 100

66 38.7 29.6 44.4

65 19.8 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: 148.107 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.04 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

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ClientSampleId :

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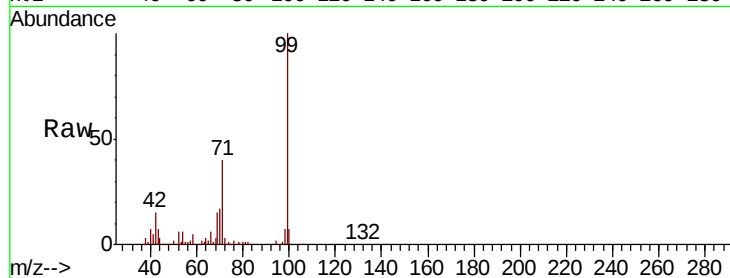
Tot Ion: 99 Resp: 662604

Ion Ratio Lower Upper

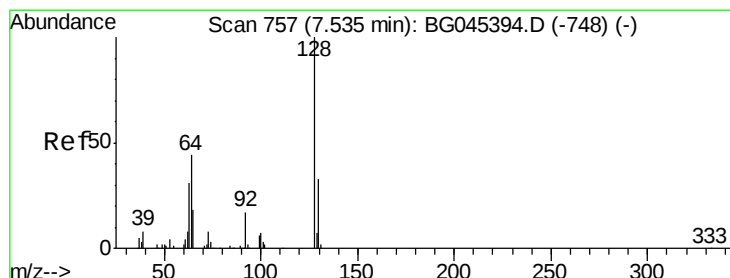
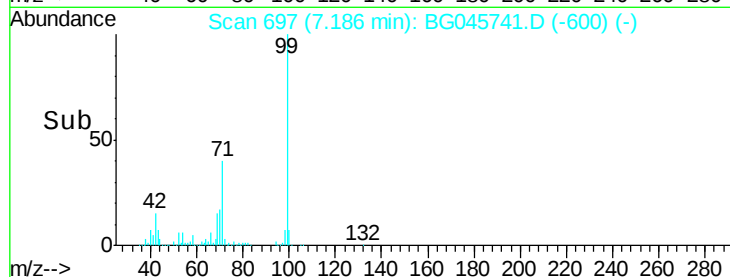
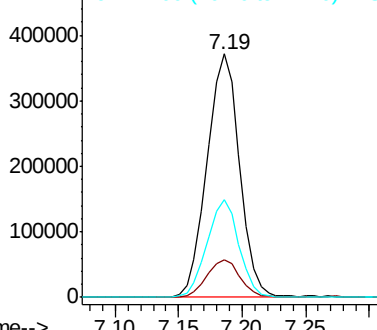
99 100

42 15.2 11.3 16.9

71 40.1 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: 52.323 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

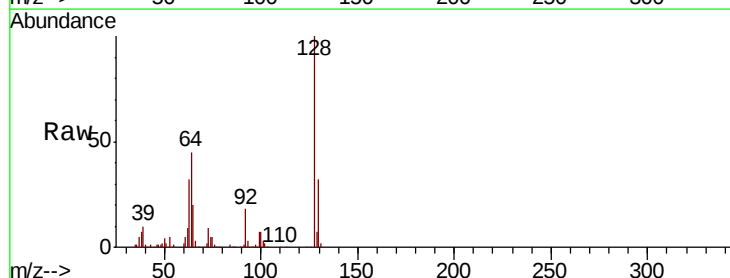
Tgt Ion:128 Resp: 180358

Ion Ratio Lower Upper

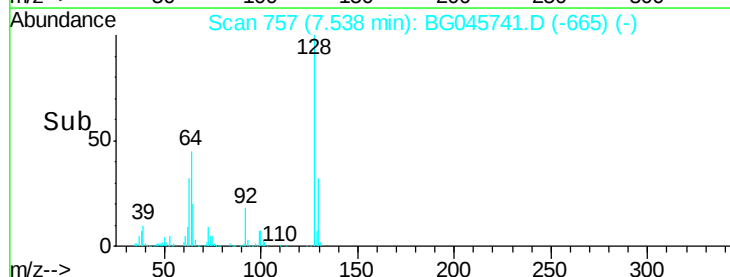
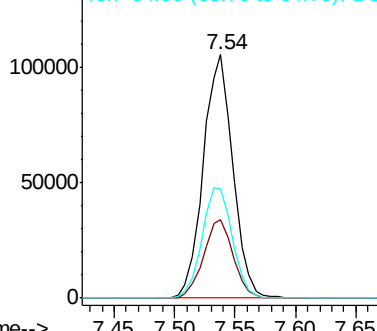
128 100

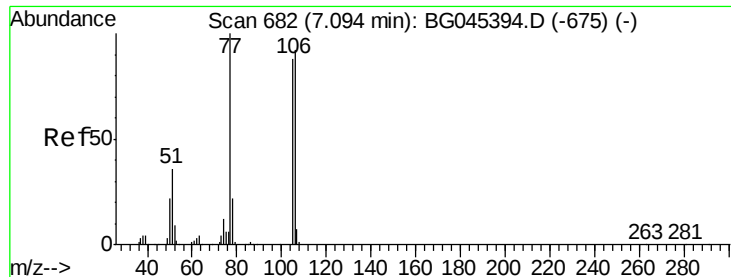
130 32.5 12.6 52.6

64 45.1 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: 44.171 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

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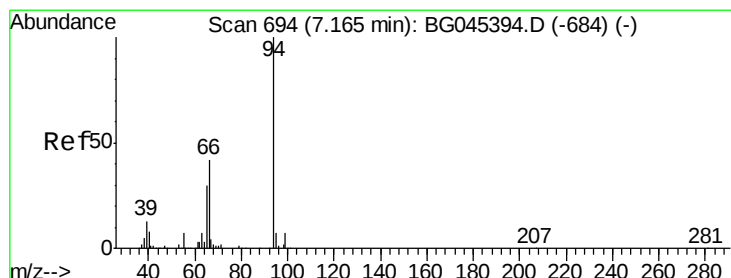
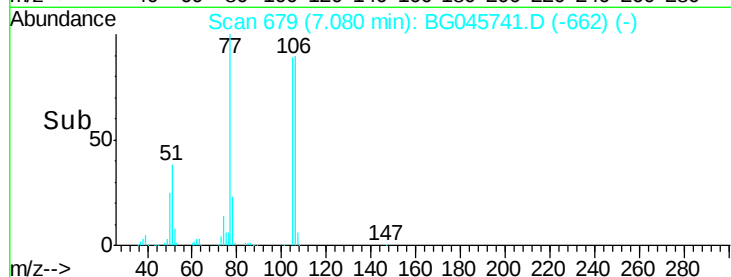
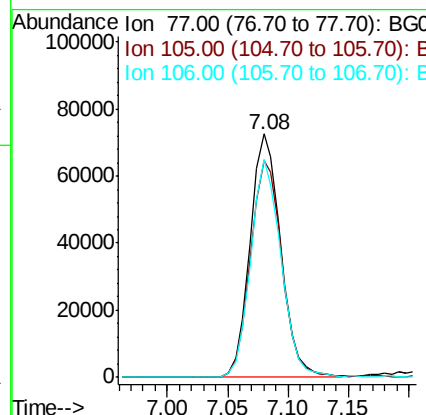
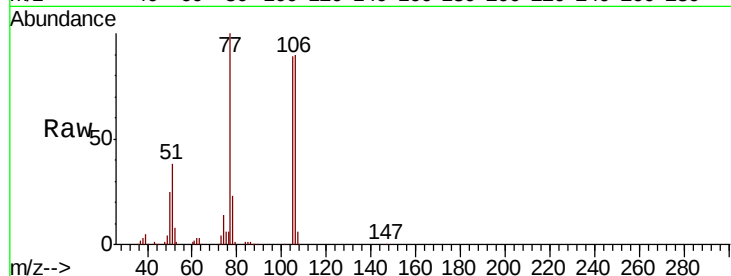
Tot Ion: 77 Resp: 128750

Ion Ratio Lower Upper

77 100

105 89.2 68.5 108.5

106 89.8 71.6 111.6



#10

Phenol

Concen: 51.441 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

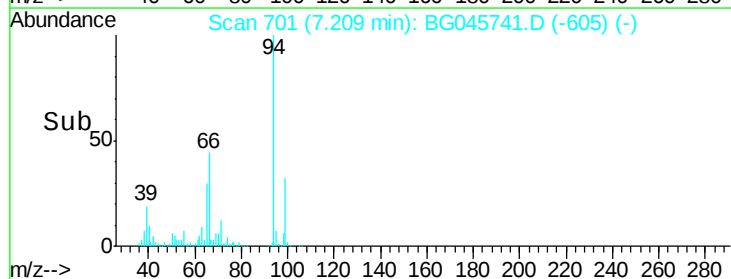
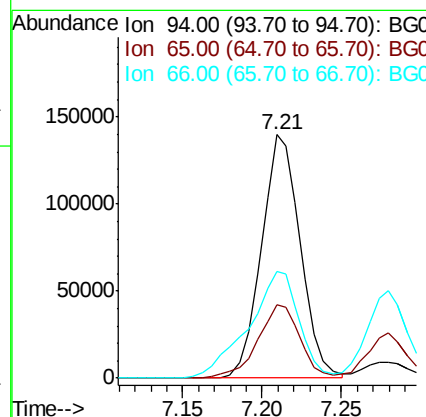
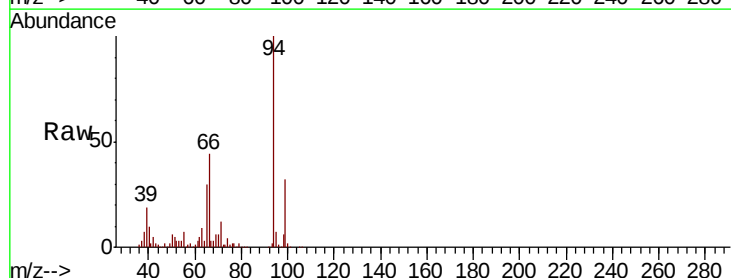
Tgt Ion: 94 Resp: 237188

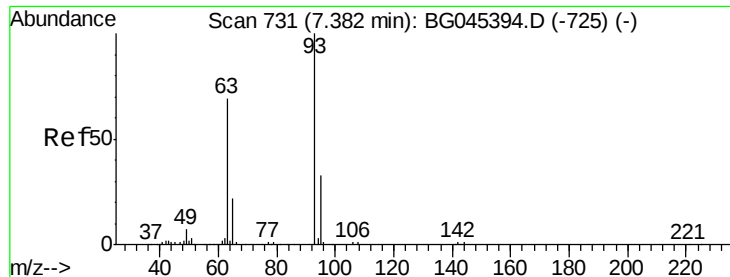
Ion Ratio Lower Upper

94 100

65 30.1 9.8 49.8

66 44.0 22.0 62.0

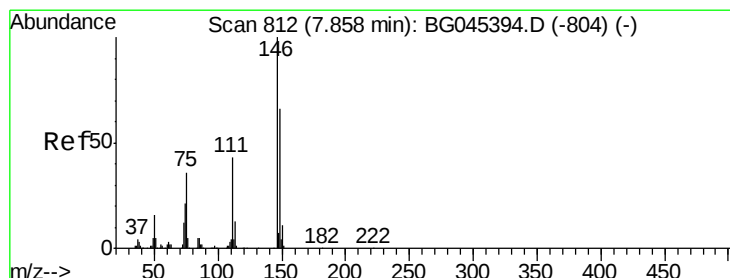
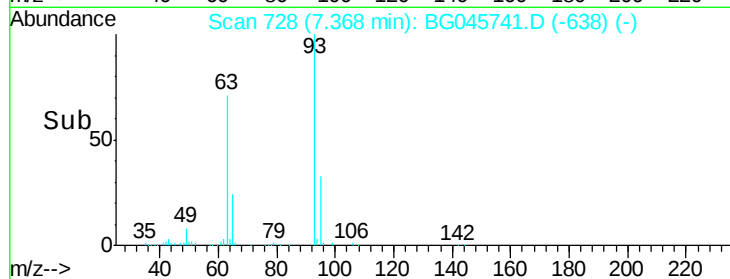
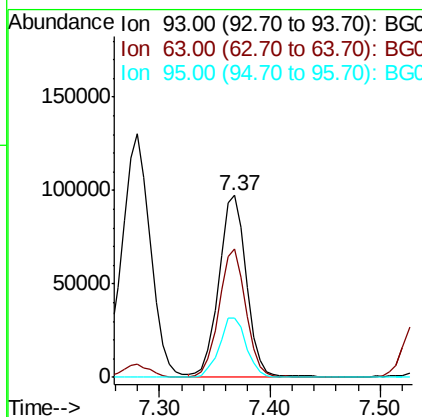
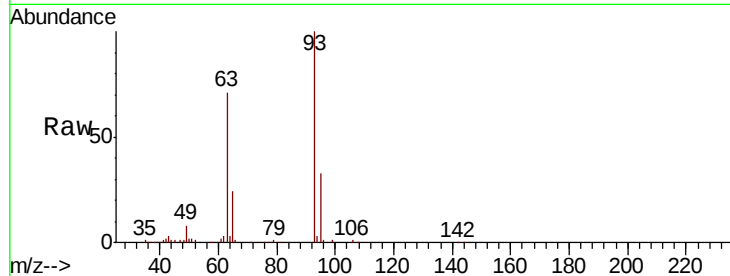




#11
 bis(2-Chloroethyl)ether
 Concen: 46.793 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

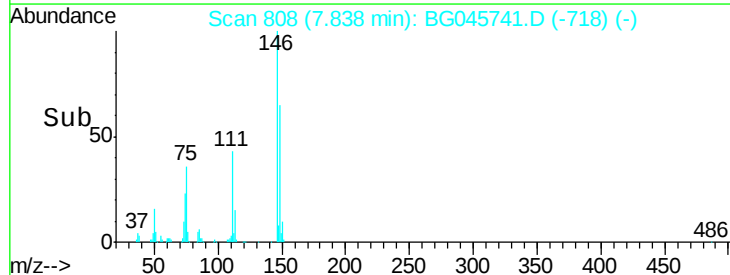
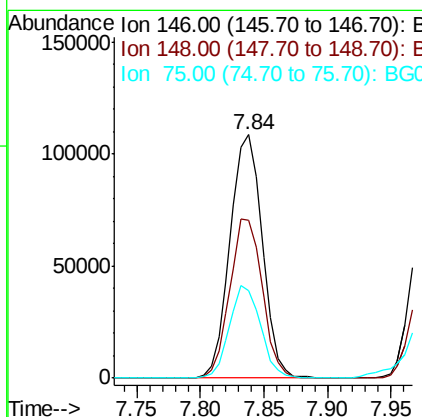
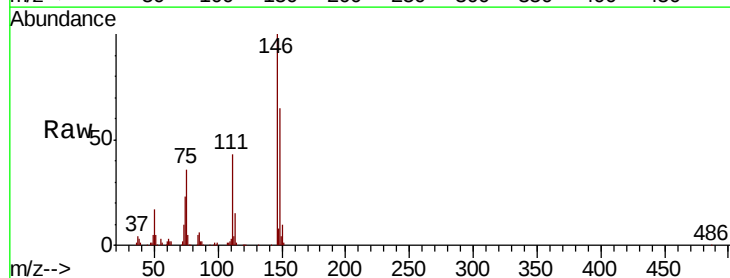
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

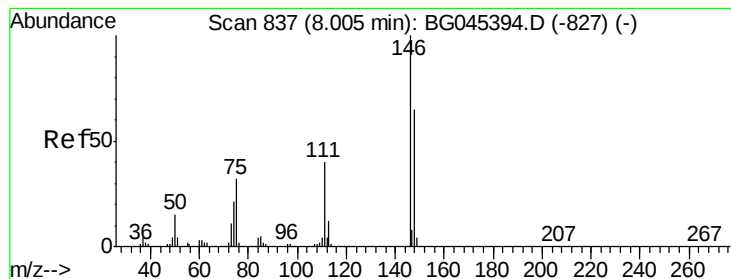
Tot Ion	93	Resp	168290
Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.4	88.4
95	32.8	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 46.205 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	146	Resp	191395
Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.2	79.8
75	35.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 46.744 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

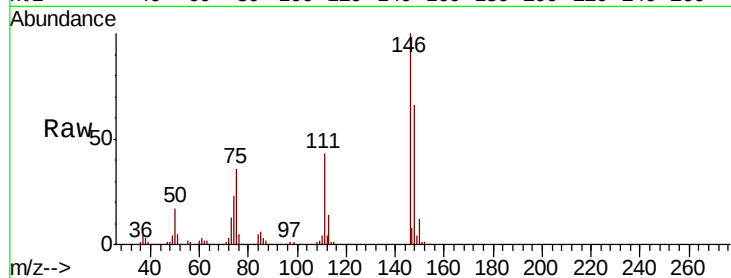
Tot Ion:146 Resp: 191086

Ion Ratio Lower Upper

146 100

148 66.2 51.8 77.8

111 42.6 32.1 48.1

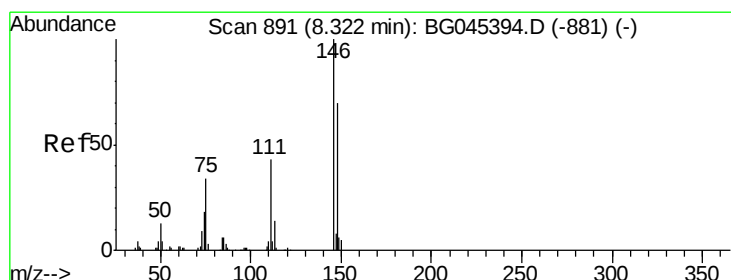
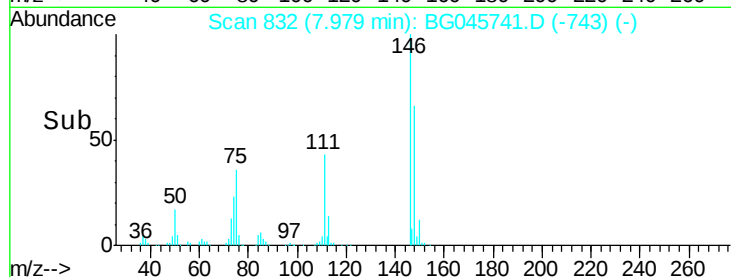
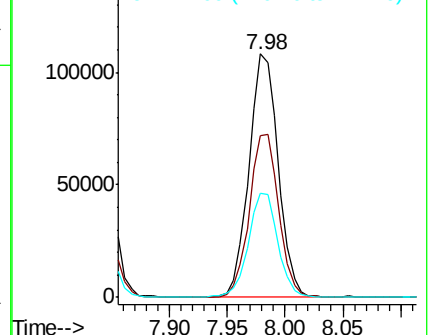


Abundance

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: 46.473 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

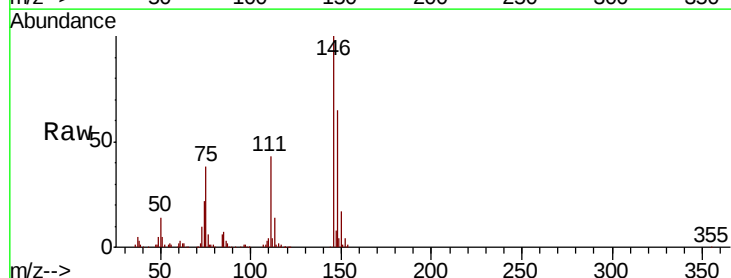
Tgt Ion:146 Resp: 182722

Ion Ratio Lower Upper

146 100

148 64.9 55.9 83.9

111 42.9 35.0 52.4

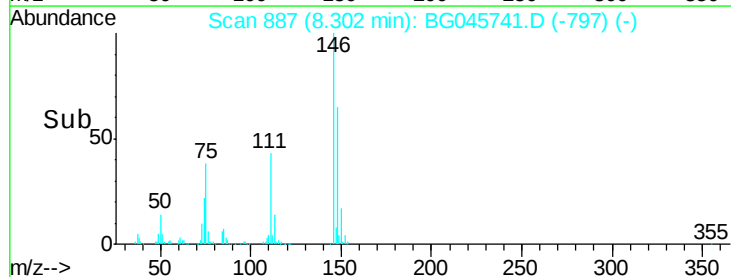
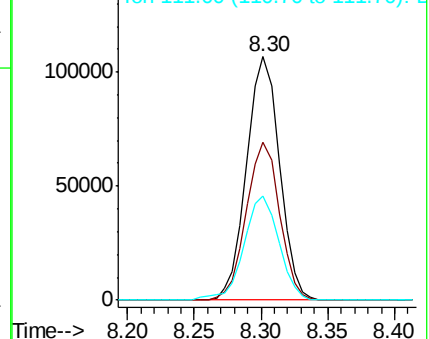


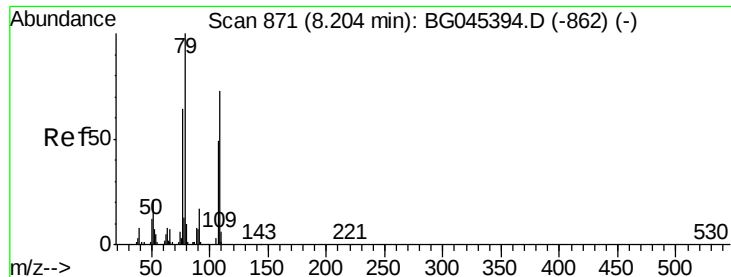
Abundance

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: 49.374 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampled :

PB129468BS

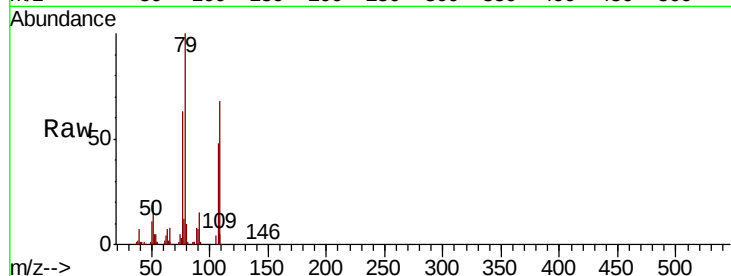
Tot Ion: 79 Resp: 182475

Ion Ratio Lower Upper

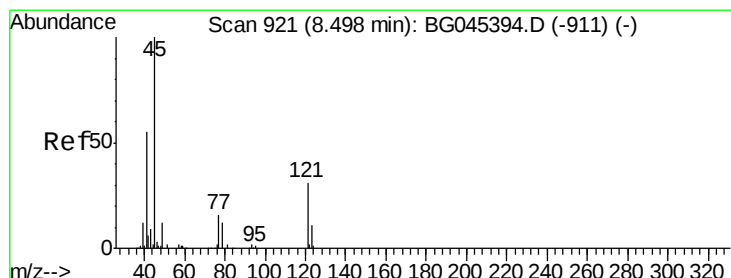
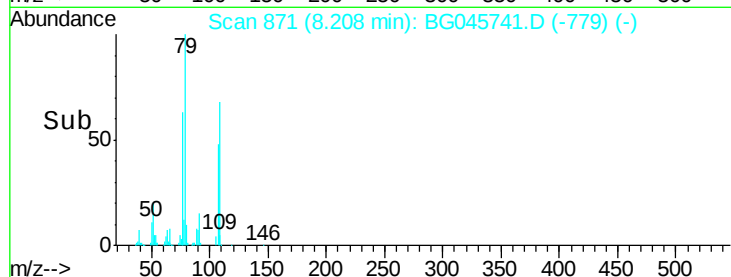
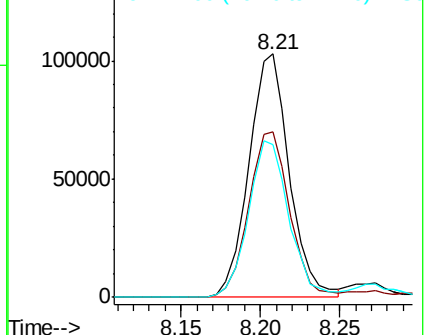
79 100

108 67.8 58.2 87.4

77 62.6 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: 46.891 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

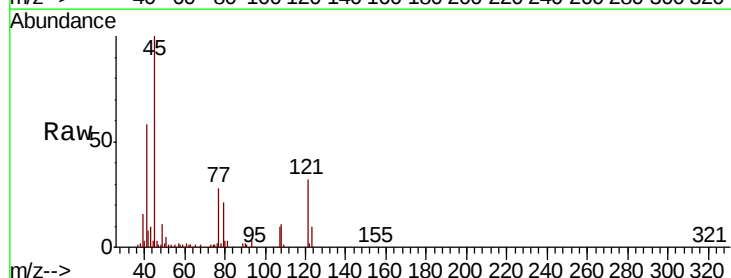
Tgt Ion: 45 Resp: 160081

Ion Ratio Lower Upper

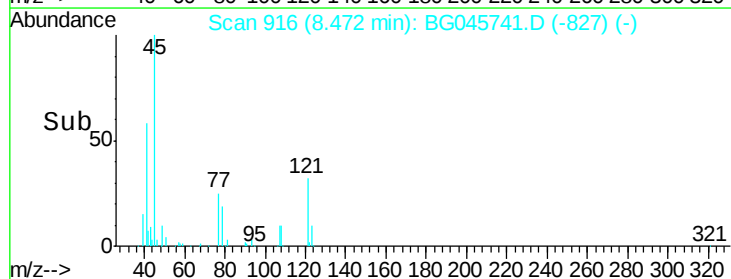
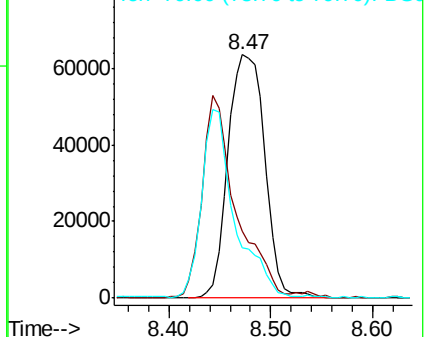
45 100

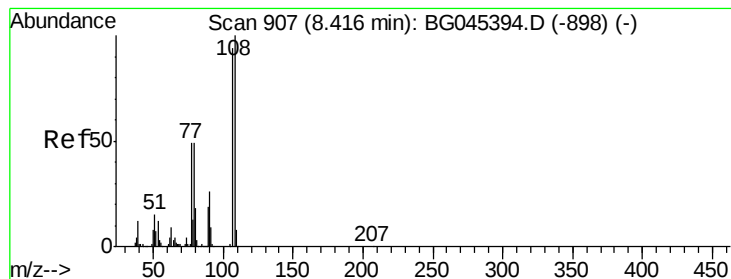
77 27.7 4.0 44.0

79 20.6 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: 47.455 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.02 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

Tot Ion:107 Resp: 163779

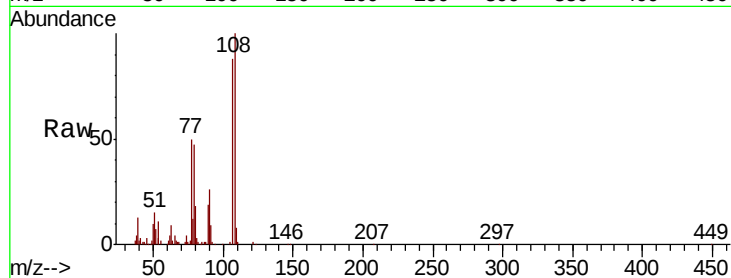
Ion Ratio Lower Upper

107 100

108 114.2 85.2 127.8

77 57.4 41.6 62.4

79 53.6 41.8 62.8

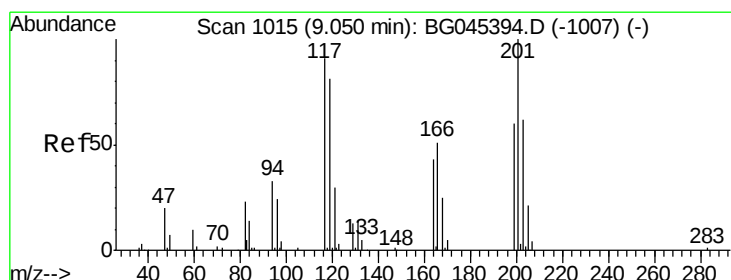
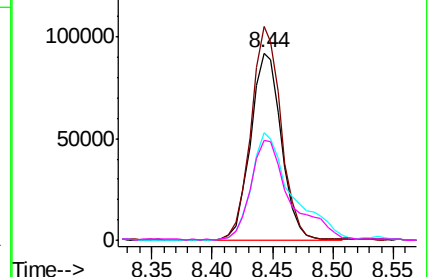
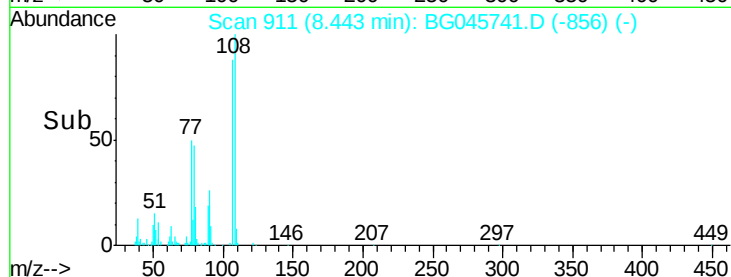


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.123 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

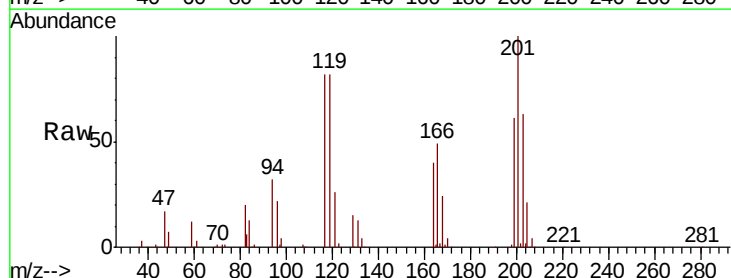
Tgt Ion:117 Resp: 73778

Ion Ratio Lower Upper

117 100

119 99.7 71.3 106.9

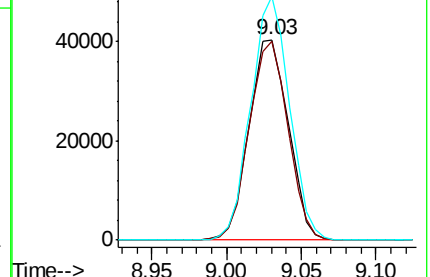
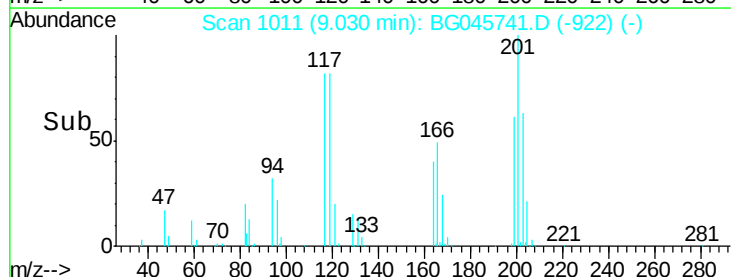
201 121.7 87.5 131.3

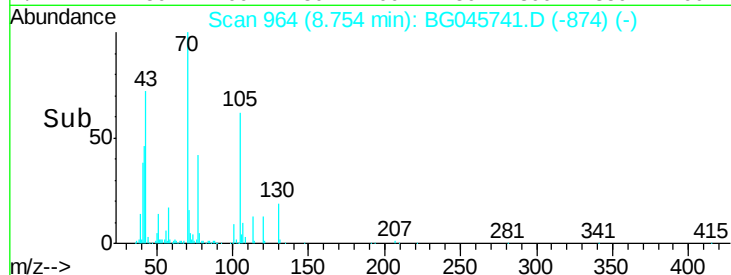
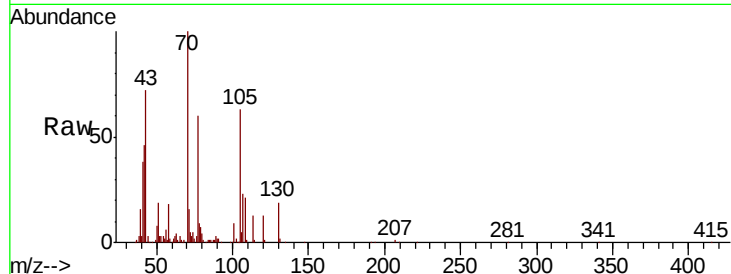
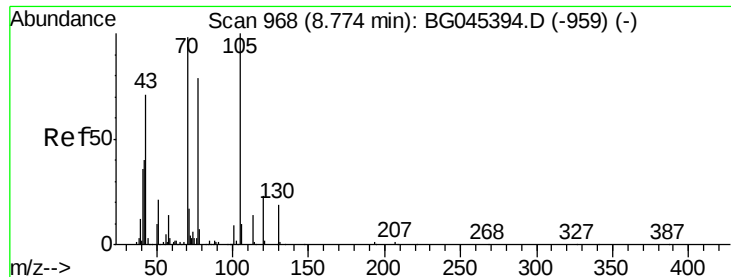


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

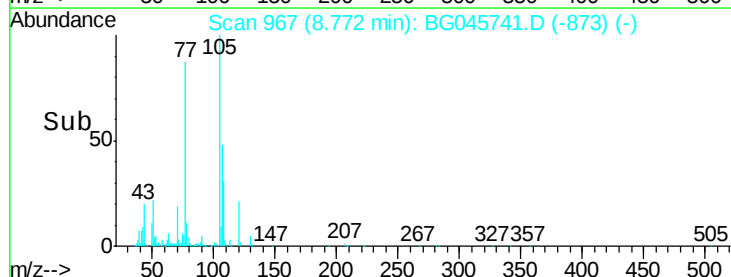
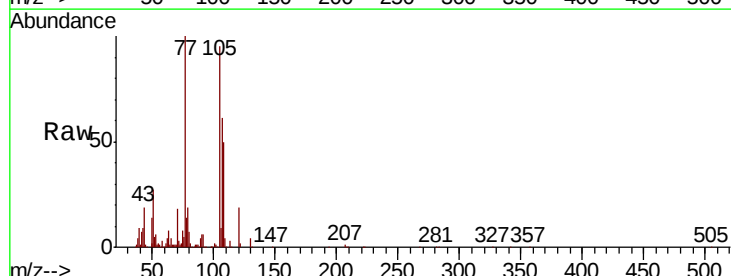
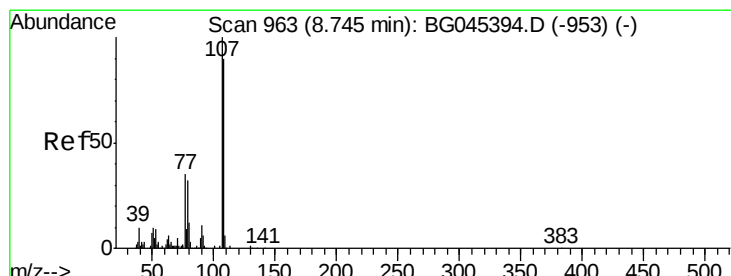
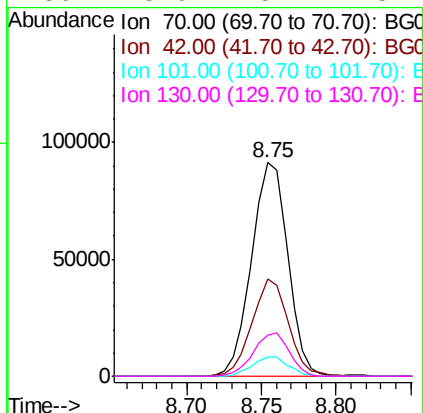




#19
n-Nitroso-di-n-propylamine
Concen: 49.640 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

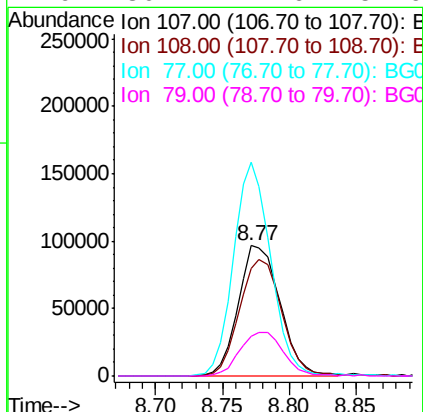
Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:	70	Resp:	153573
Ion	Ratio	Lower	Upper
70	100		
42	45.7	33.2	49.8
101	8.8	7.8	11.6
130	18.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.573 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:	107	Resp:	209479
Ion	Ratio	Lower	Upper
107	100		
108	82.5	70.3	110.3
77	163.8	15.4	55.4#
79	30.7	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

Tot Ion:136 Resp: 238762

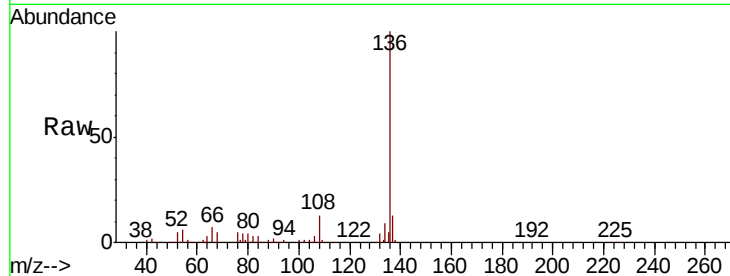
Ion Ratio Lower Upper

136 100

137 12.9 9.4 14.2

54 6.1 5.8 8.6

68 4.8 4.5 6.7

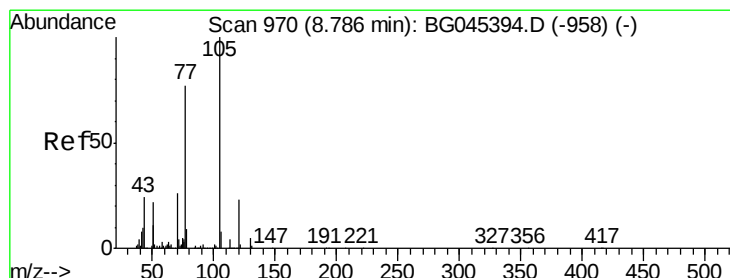
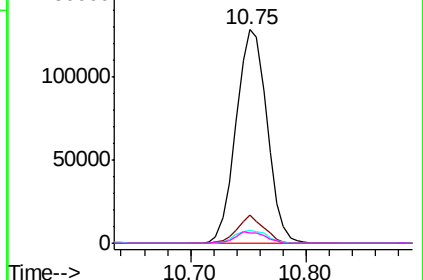
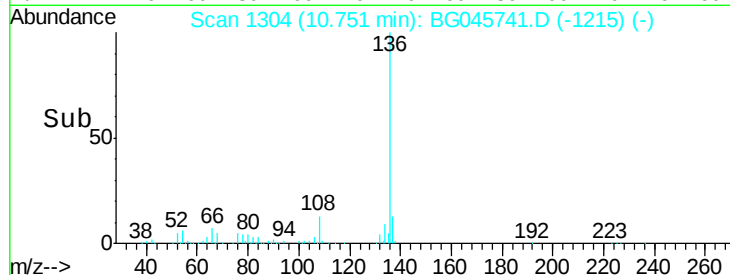


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.121 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:105 Resp: 272311

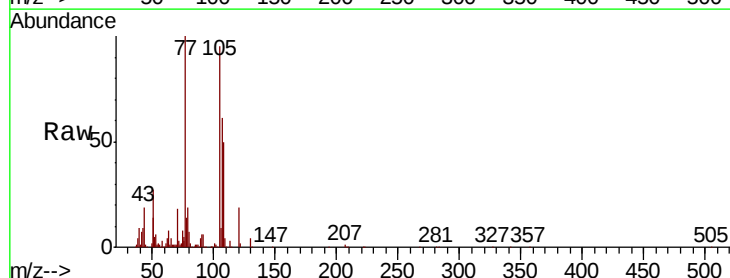
Ion Ratio Lower Upper

105 100

71 3.3 3.4 5.0#

51 28.2 18.2 27.2#

120 20.4 18.6 27.8

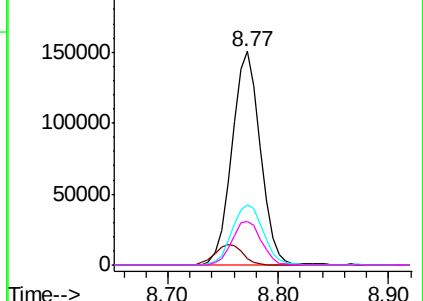
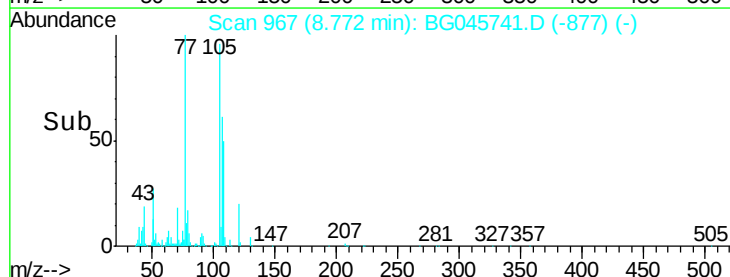


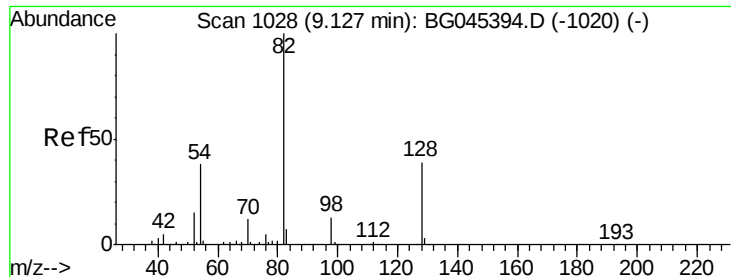
Abundance Ion 105.00 (104.70 to 105.70): E

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

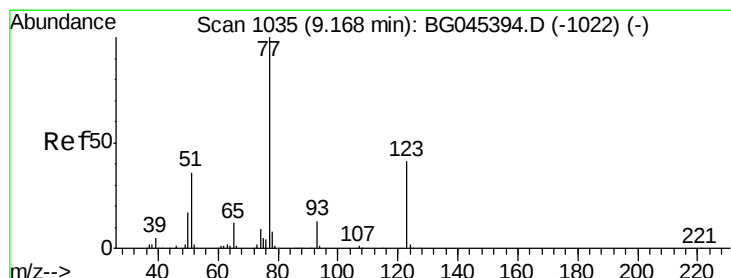
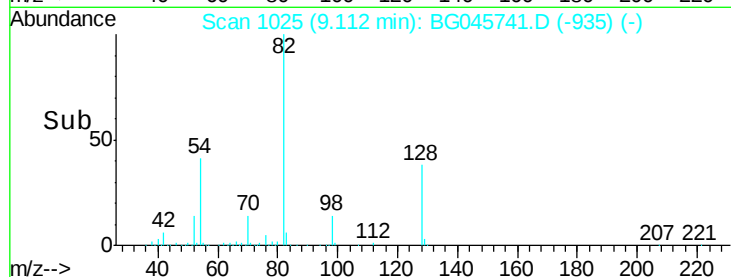
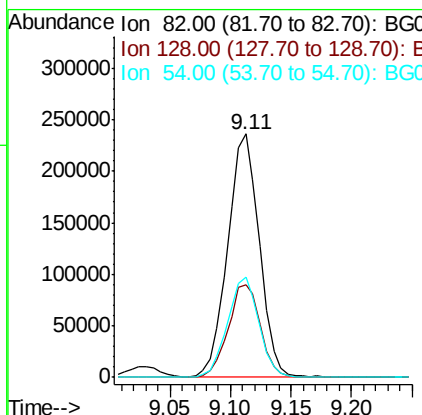
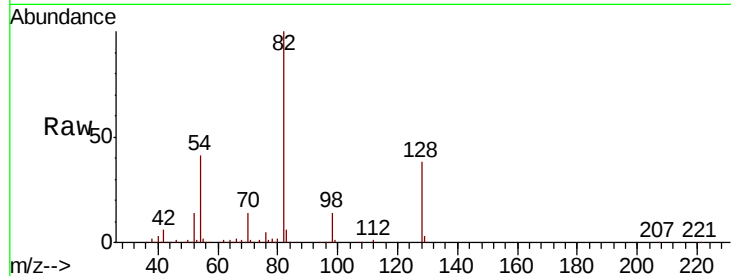




#23
 Nitrobenzene-d5
 Concen: 98.079 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

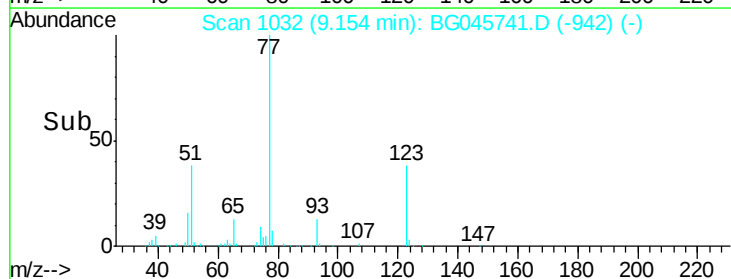
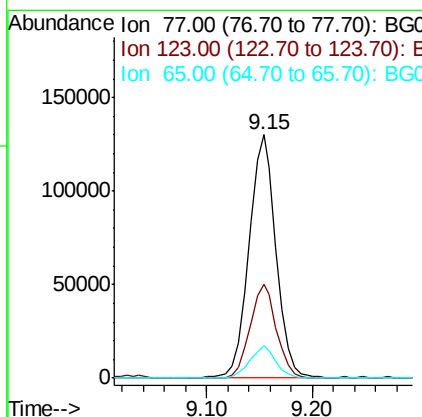
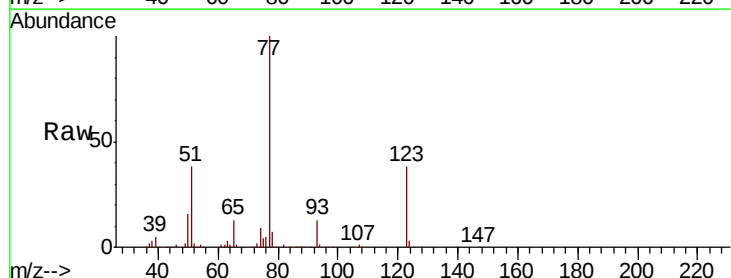
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

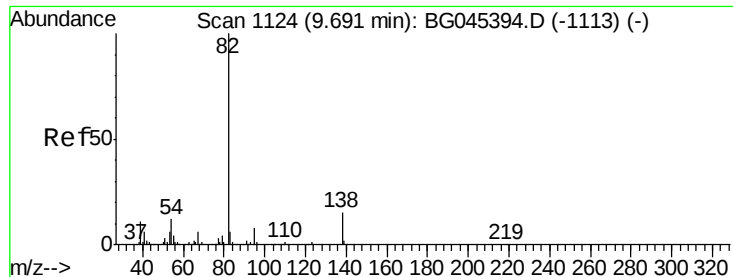
Tot Ion	82	Resp	429432
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.9	46.3
54	41.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 48.945 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	77	Resp	229601
Ion Ratio	Lower	Upper	
77	100		
123	38.3	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 47.473 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

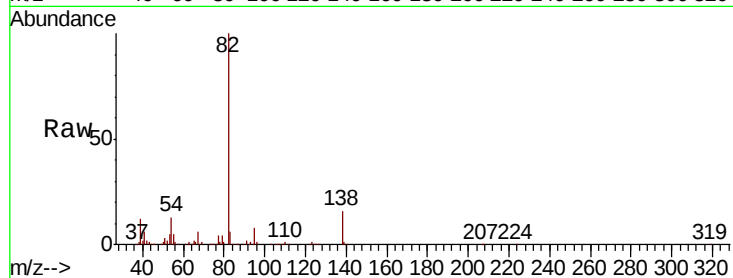
Tot Ion: 82 Resp: 409345

Ion Ratio Lower Upper

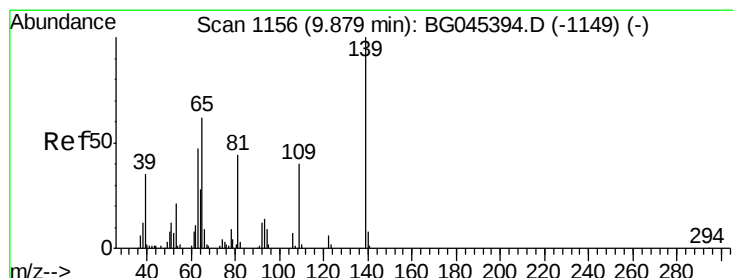
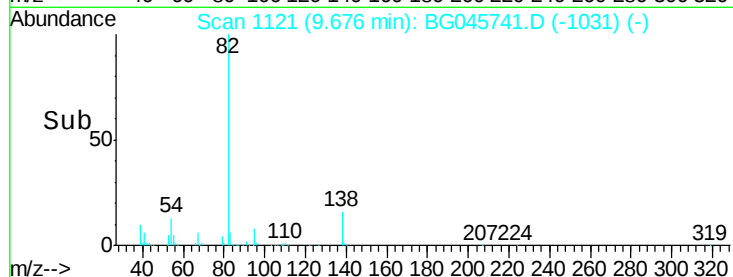
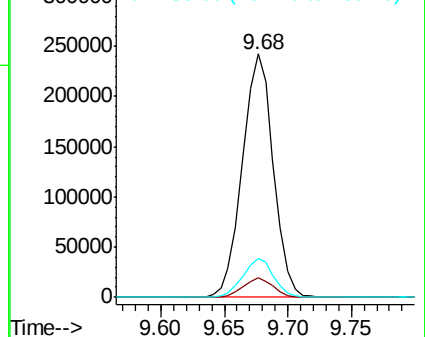
82 100

95 7.8 6.7 10.1

138 16.0 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: 50.666 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

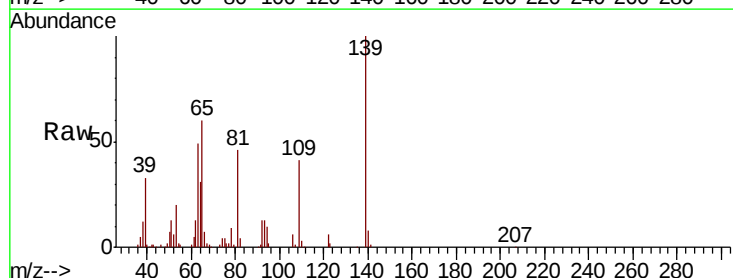
Tgt Ion: 139 Resp: 101673

Ion Ratio Lower Upper

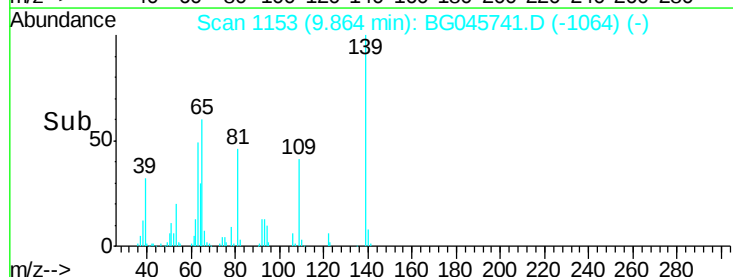
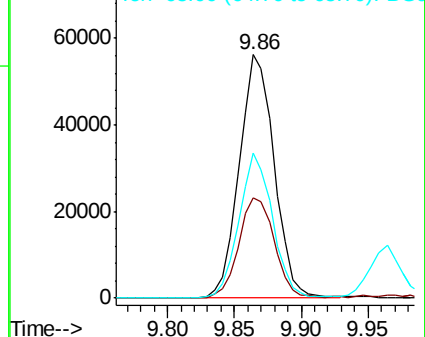
139 100

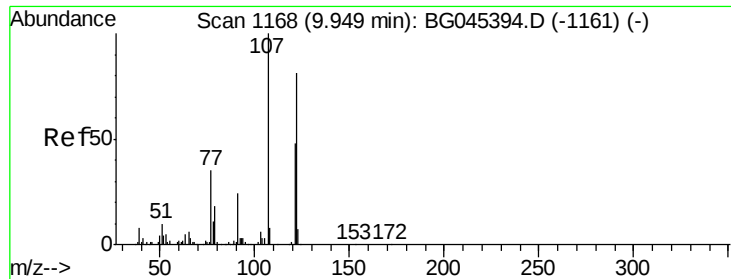
109 41.1 32.2 48.4

65 59.6 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

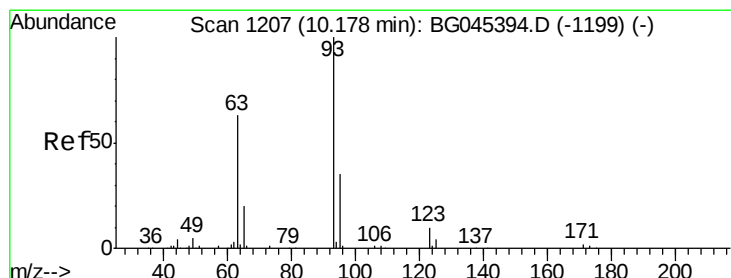
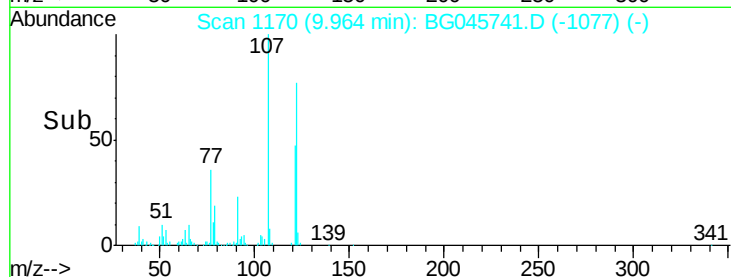
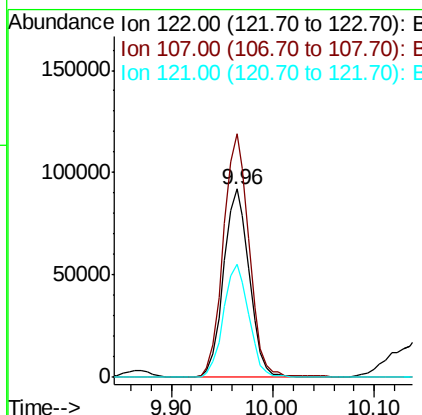
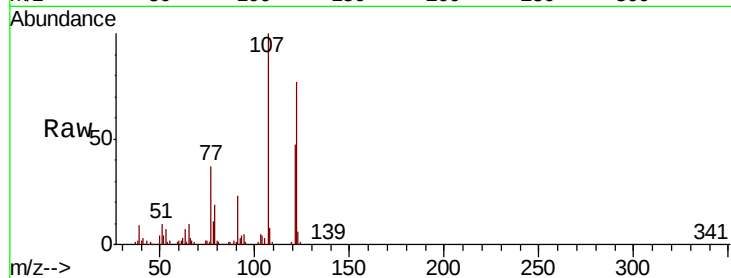




#27
 2,4-Dimethylphenol
 Concen: 54.391 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

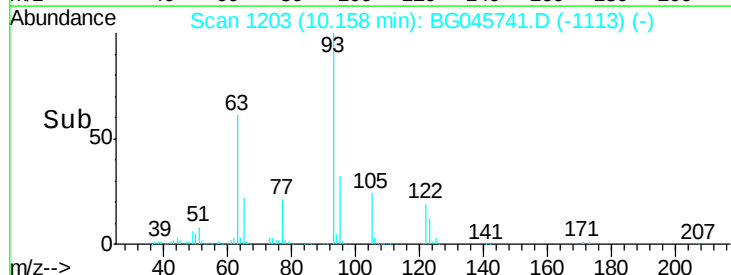
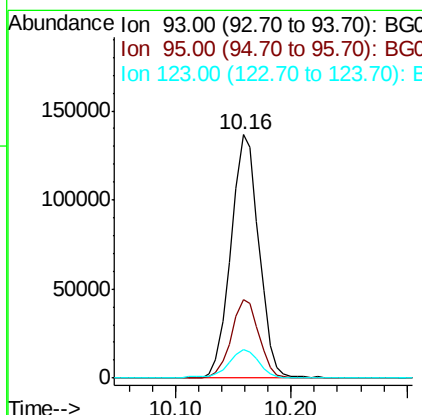
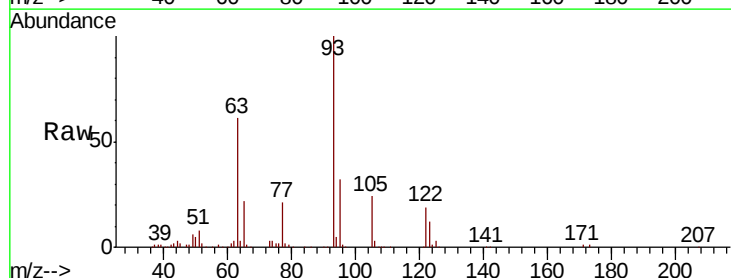
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.2	99.0	148.4
121	60.3	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.747 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.6	41.4
123	11.5	8.1	12.1

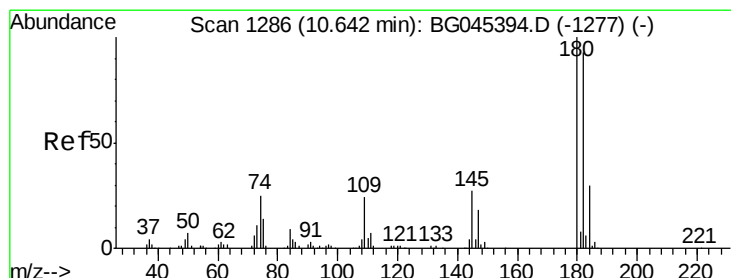
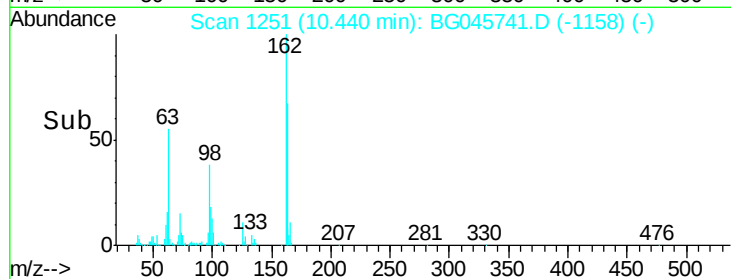
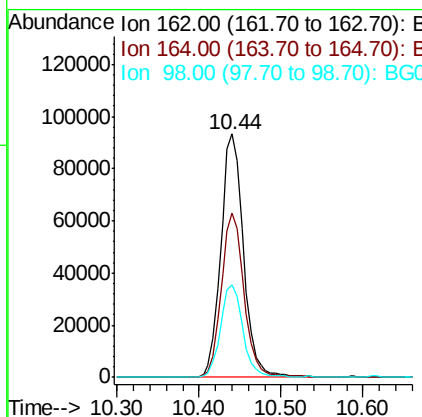
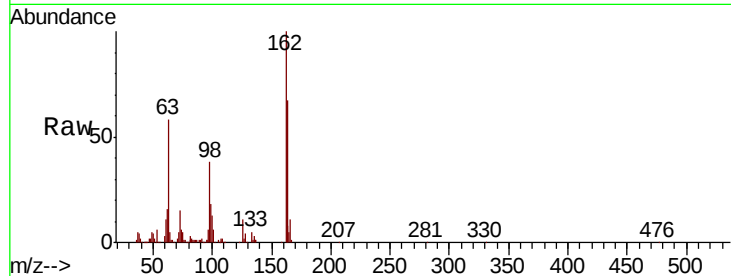




#29
2,4-Dichlorophenol
Concen: 51.261 ng
RT: 10.44 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

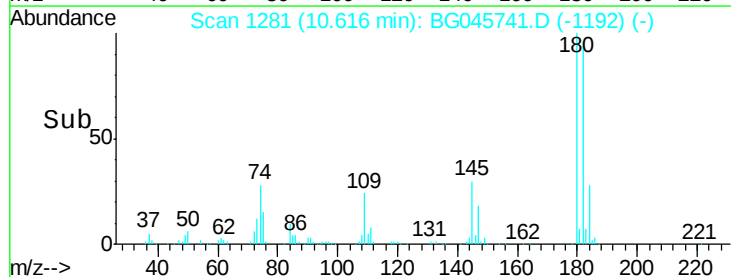
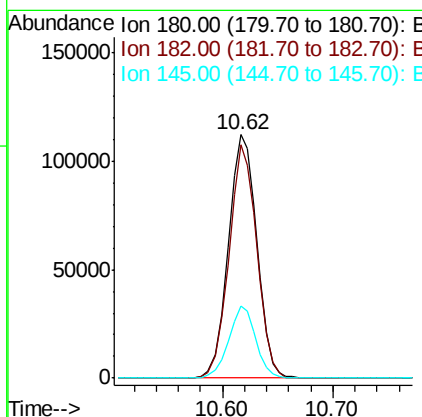
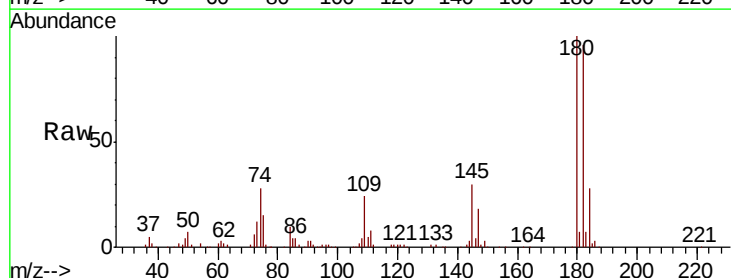
Instrument :
BNA_G
ClientSampleId :
PB129468BS

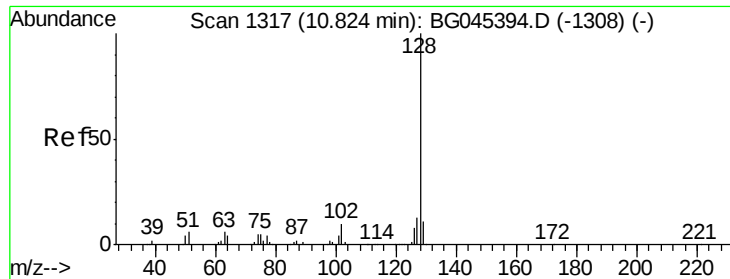
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.8	86.8
98	37.8	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 48.731 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.8	112.2
145	29.7	21.9	32.9

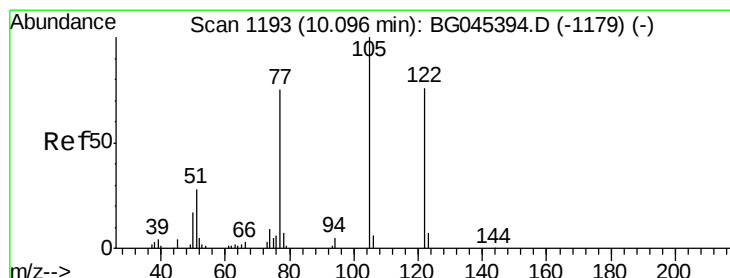
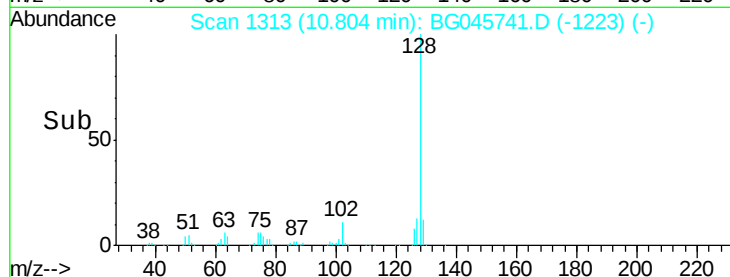
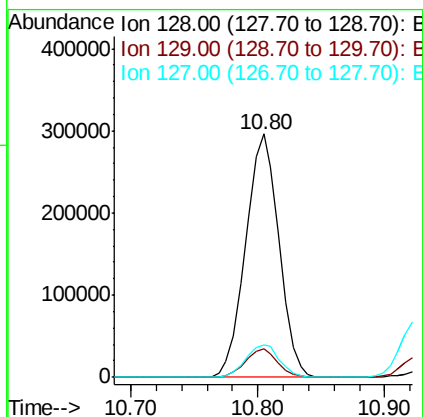
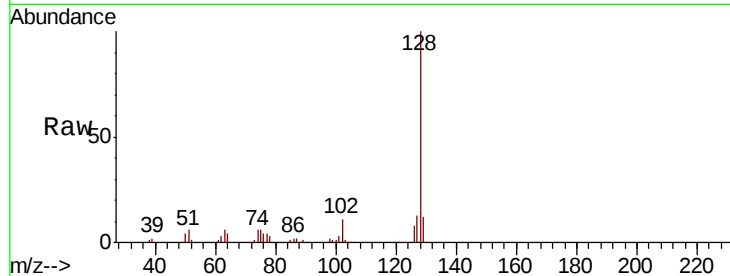




#31
Naphthalene
Concen: 48.615 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

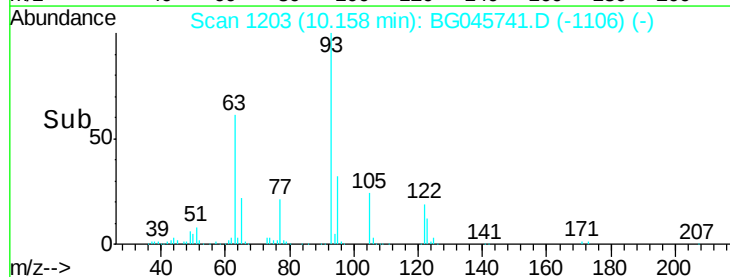
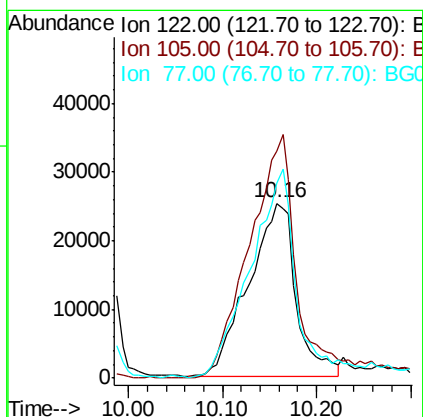
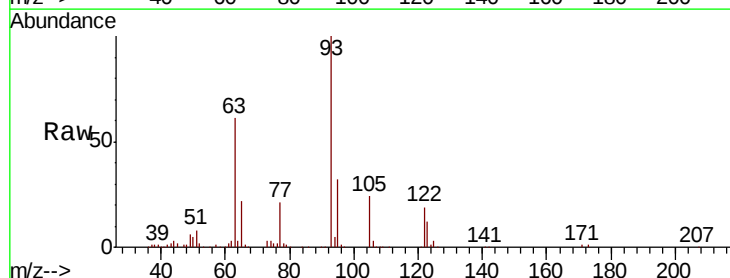
Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:128	Resp:	540896
Ion	Ratio	Lower Upper
128	100	
129	11.6	9.0 13.6
127	13.2	10.7 16.1



#32
Benzoic acid
Concen: 44.783 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.04 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:122	Resp:	88934
Ion	Ratio	Lower Upper
122	100	
105	129.7	107.9 147.9
77	111.2	78.9 118.9

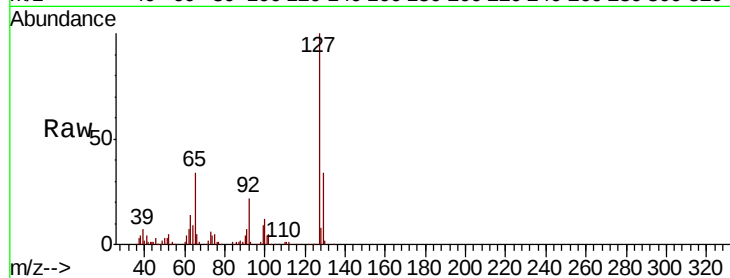




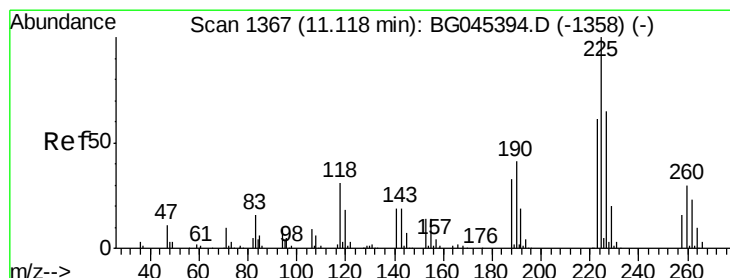
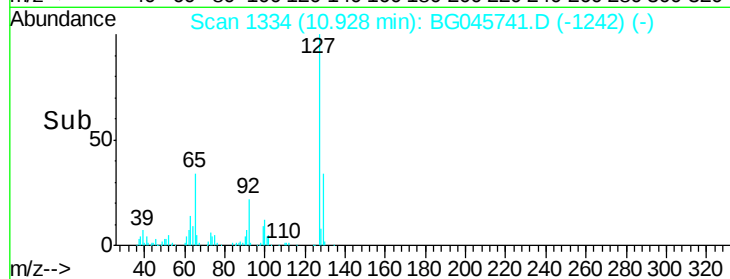
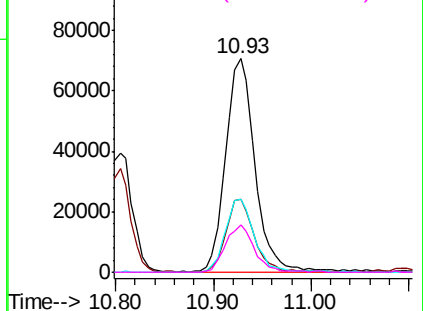
#33
4-Chloroaniline
Concen: 31.416 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:	127	Resp:	146107
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.7	37.1
65	34.3	26.2	39.2
92	22.1	17.9	26.9

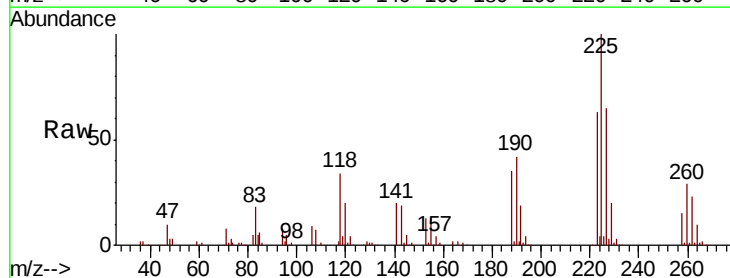


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

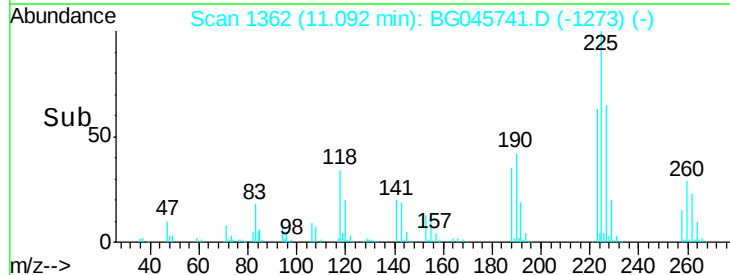
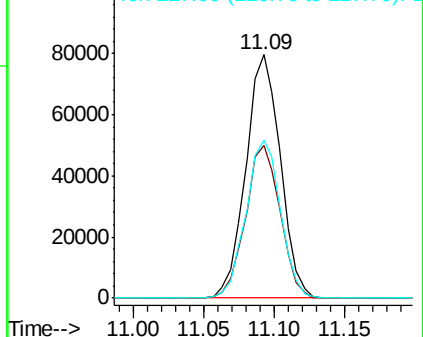


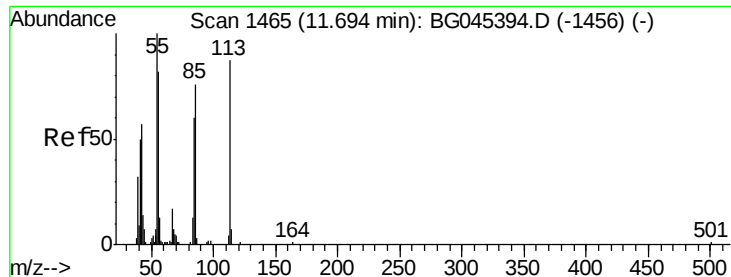
#34
Hexachlorobutadiene
Concen: 46.605 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:	225	Resp:	136818
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.1	73.7
227	64.9	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: 47.112 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

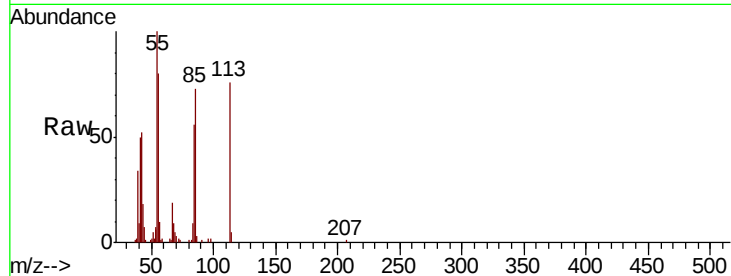
Tot Ion:113 Resp: 60777

Ion Ratio Lower Upper

113 100

55 132.2 96.0 136.0

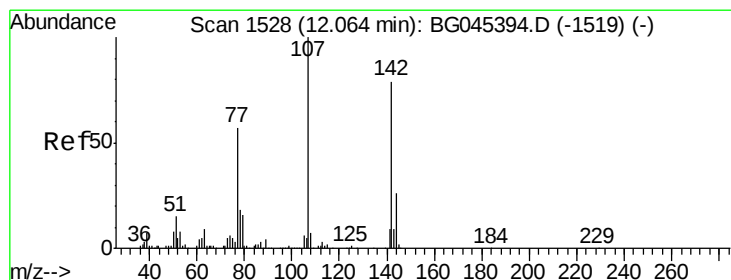
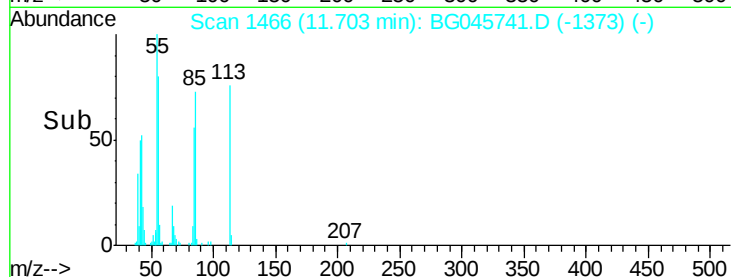
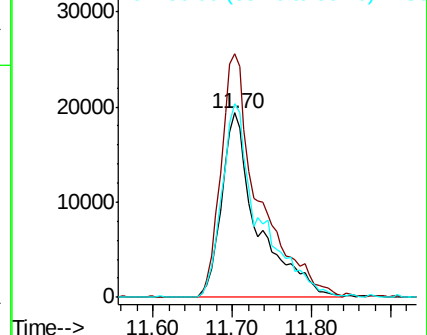
56 105.4 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.956 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

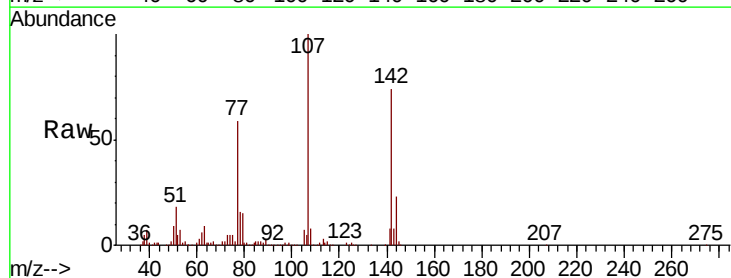
Tgt Ion:107 Resp: 209730

Ion Ratio Lower Upper

107 100

144 22.7 20.8 31.2

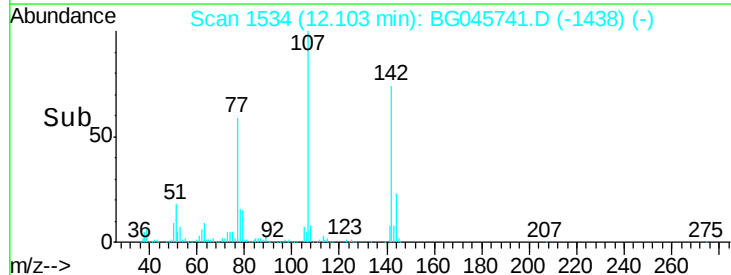
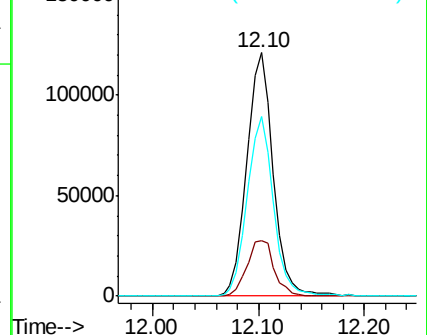
142 73.9 62.8 94.2

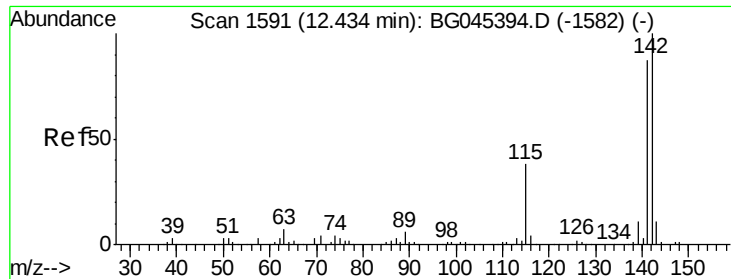


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

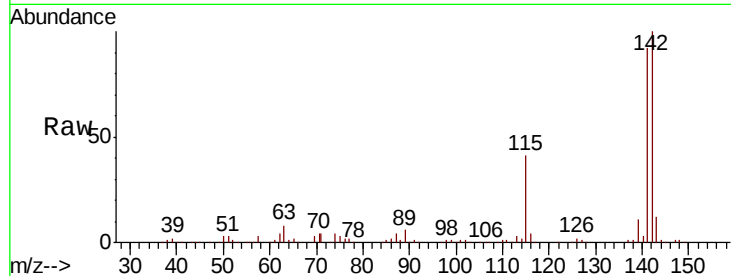




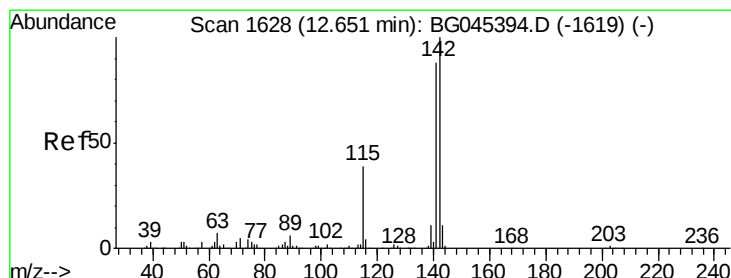
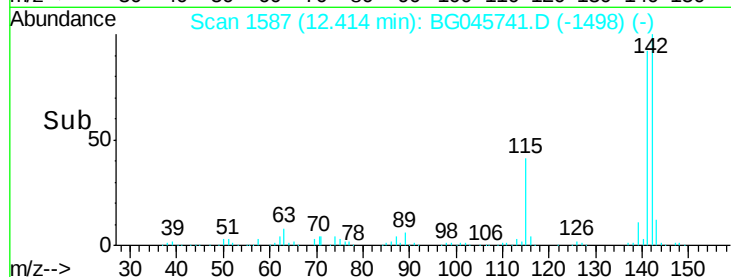
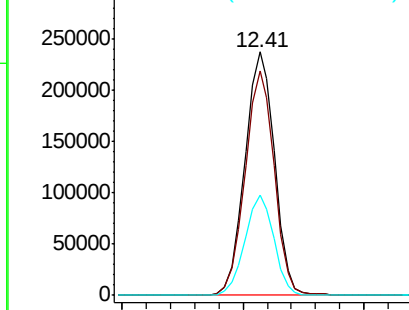
#37
2-Methylnaphthalene
Concen: 48.973 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:142 Resp: 406122
Ion Ratio Lower Upper
142 100
141 92.0 70.0 105.0
115 41.2 30.8 46.2

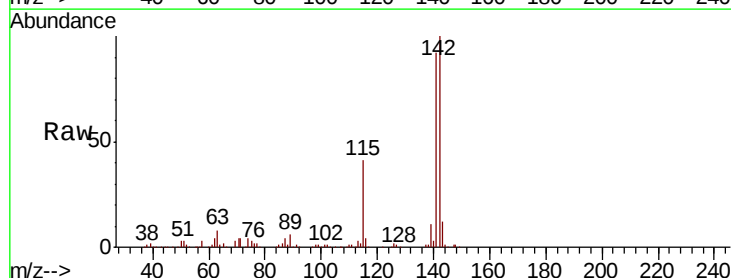


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

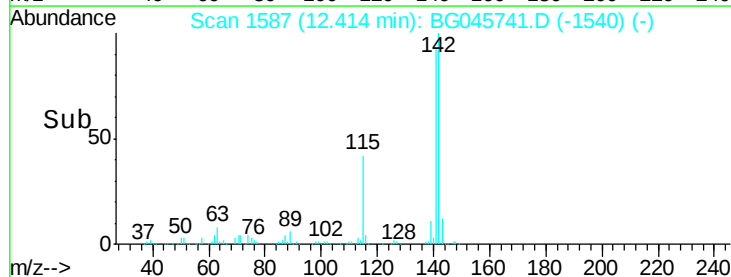
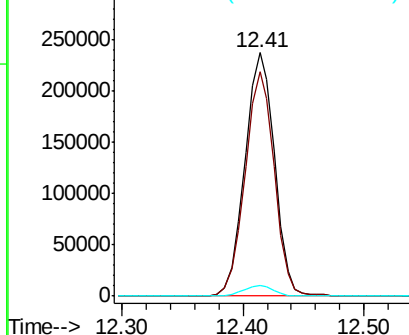


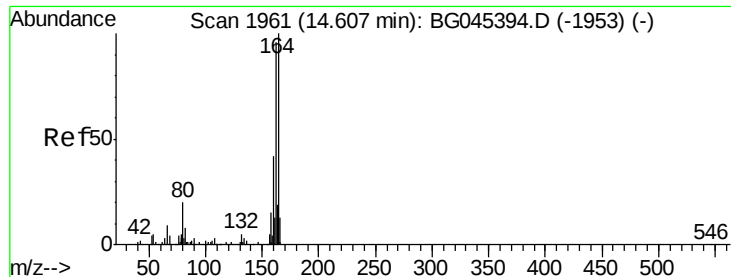
#38
1-Methylnaphthalene
Concen: 51.844 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.23 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:142 Resp: 406122
Ion Ratio Lower Upper
142 100
141 92.0 70.8 106.2
116 4.3 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampled :

PB129468BS

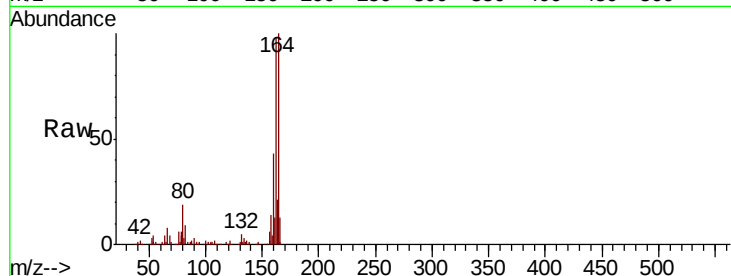
Tot Ion:164 Resp: 168282

Ion Ratio Lower Upper

164 100

162 97.8 76.9 115.3

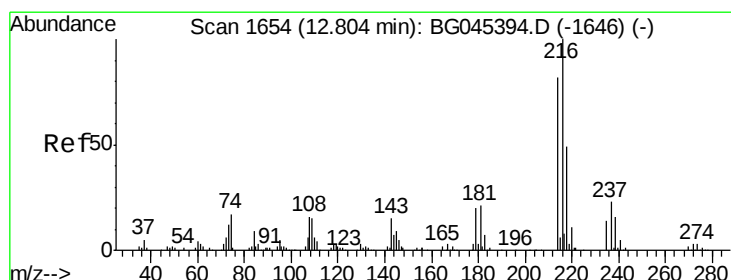
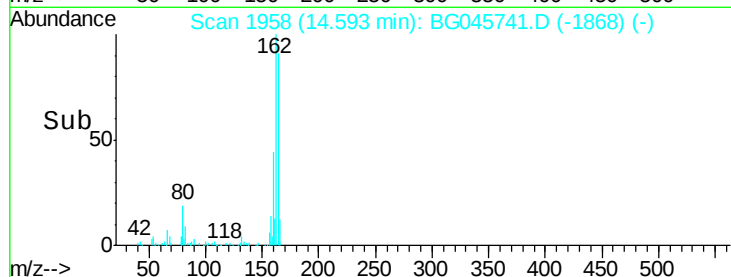
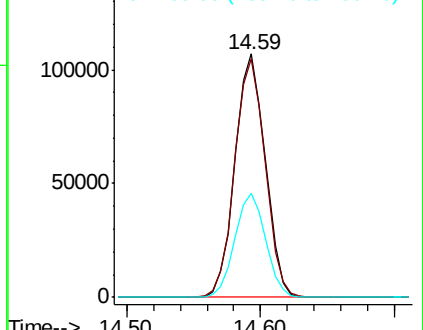
160 42.7 33.8 50.8



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: 47.845 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:216 Resp: 224890

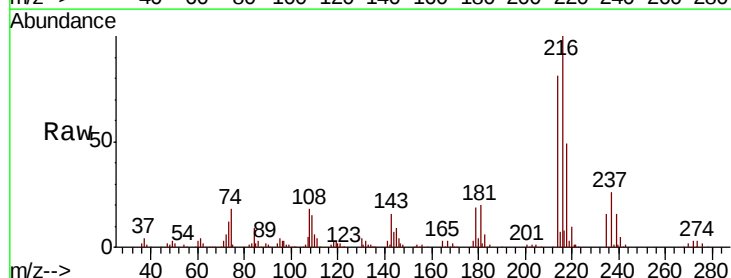
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.1 16.1 24.1

108 19.4 13.8 20.6

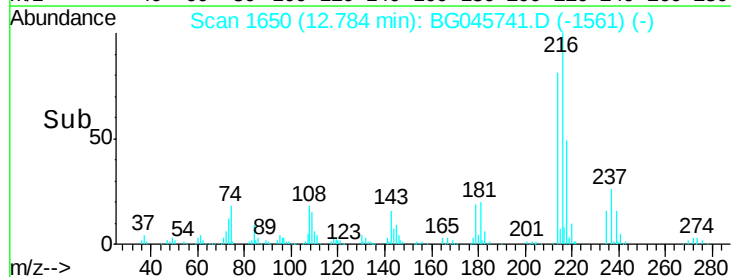
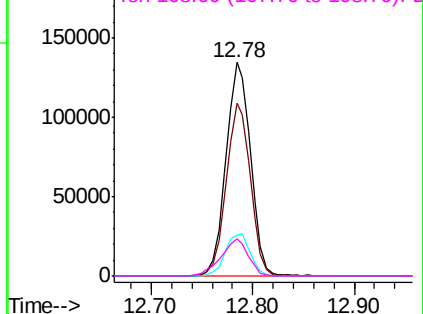


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.167 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

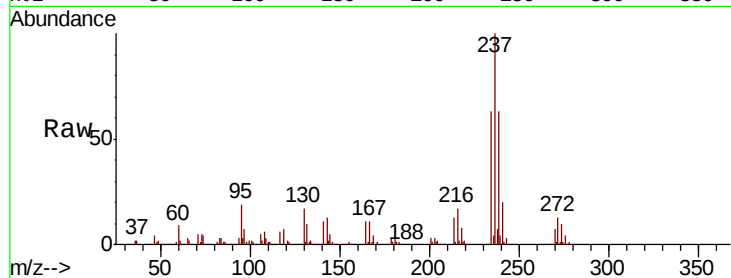
Tot Ion:237 Resp: 266324

Ion Ratio Lower Upper

237 100

235 62.8 44.4 84.4

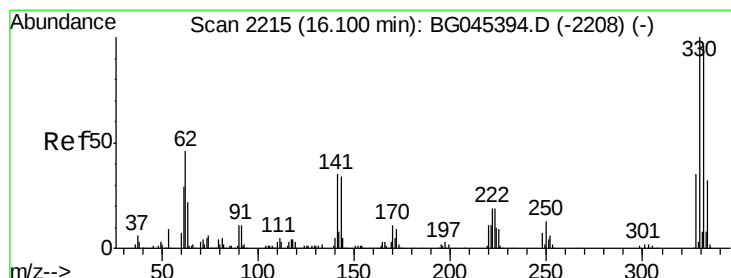
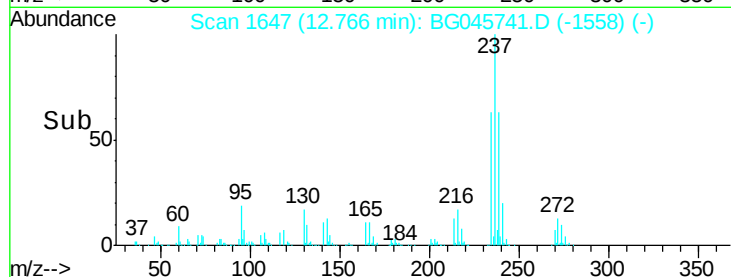
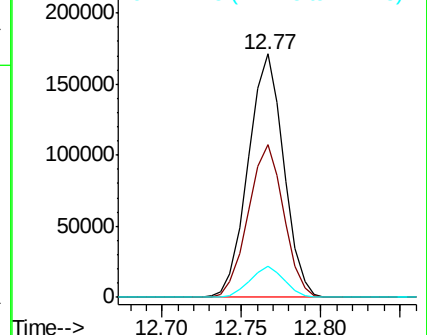
272 12.9 0.0 32.5



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: 141.440 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

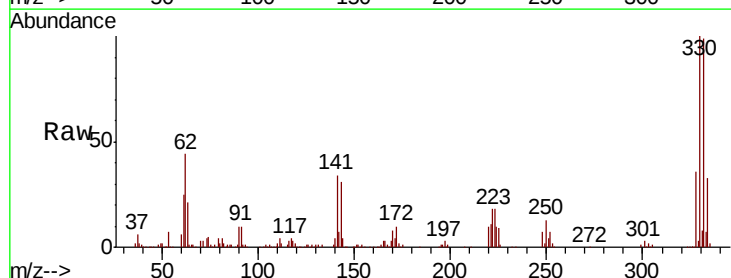
Tgt Ion:330 Resp: 304398

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

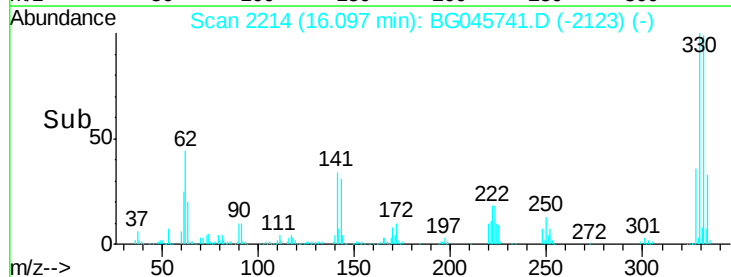
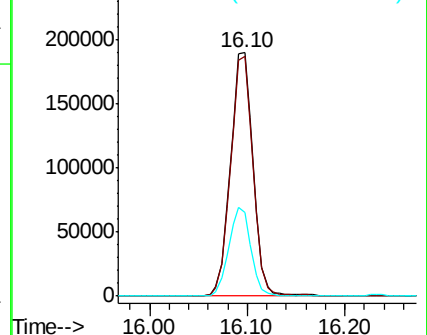
141 35.6 28.2 42.4

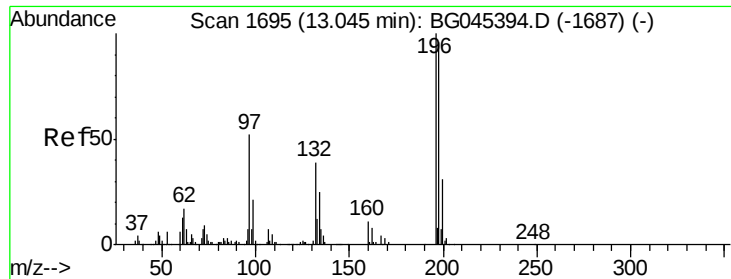


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

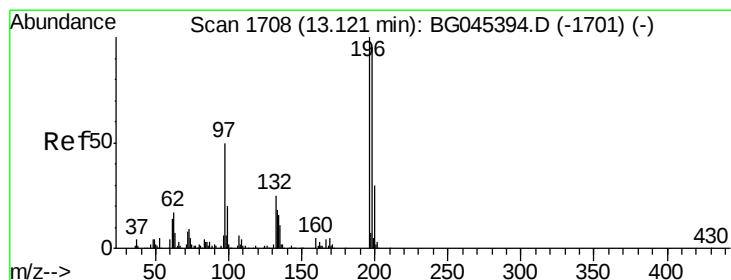
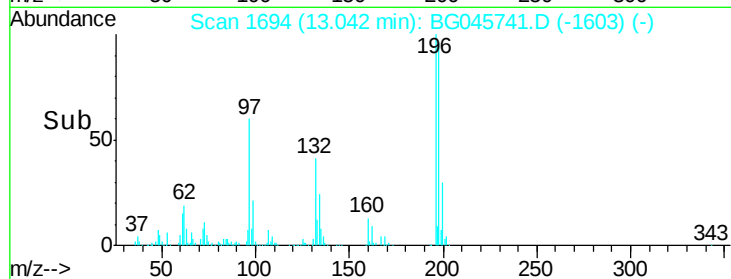
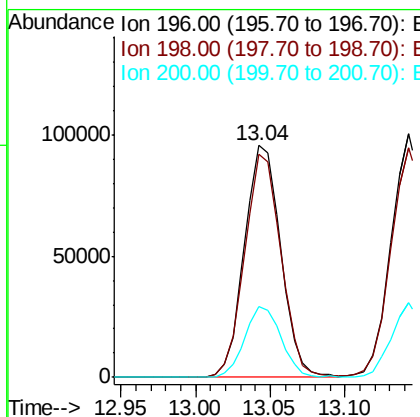
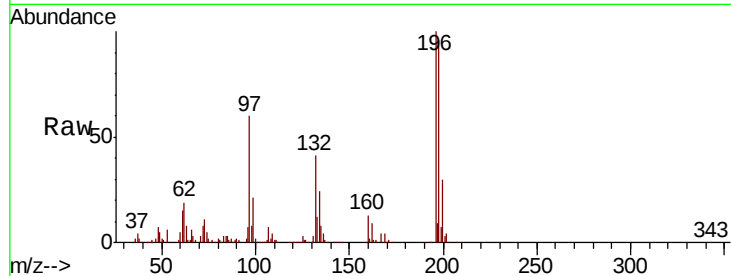




#43
 2,4,6-Trichlorophenol
 Concen: 49.416 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

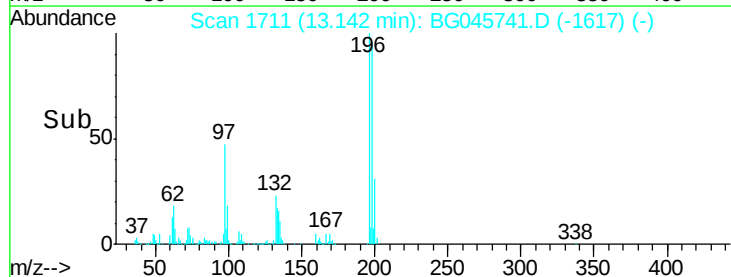
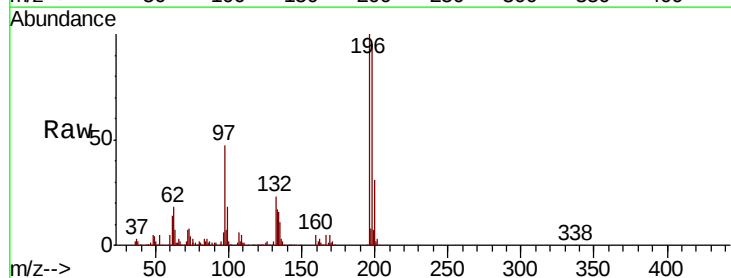
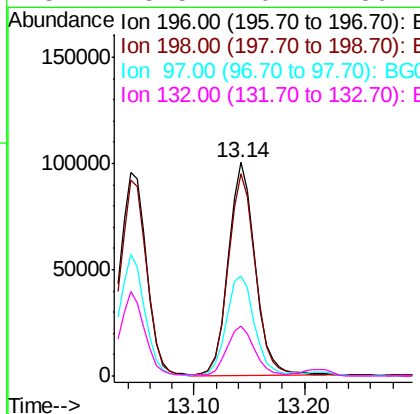
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
200	30.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.995 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.1	114.1
97	46.5	40.0	60.0
132	23.5	20.2	30.2

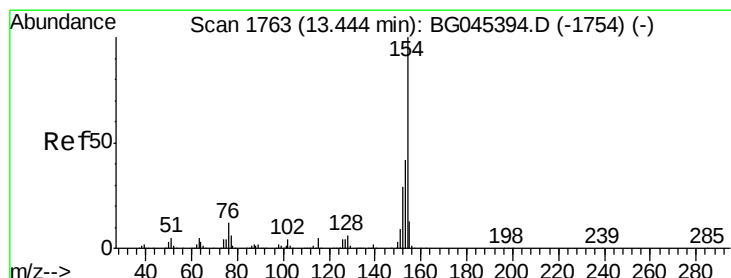
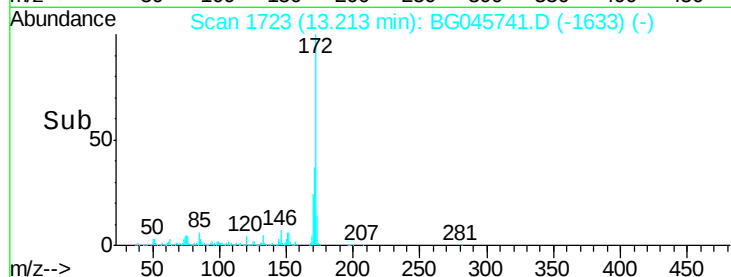
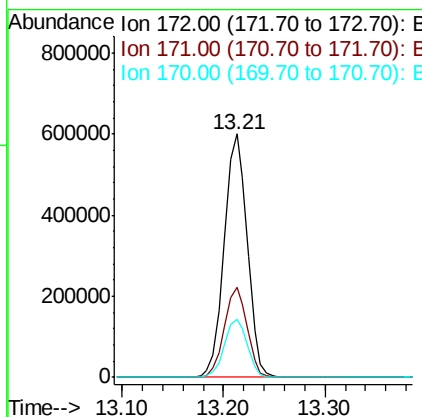
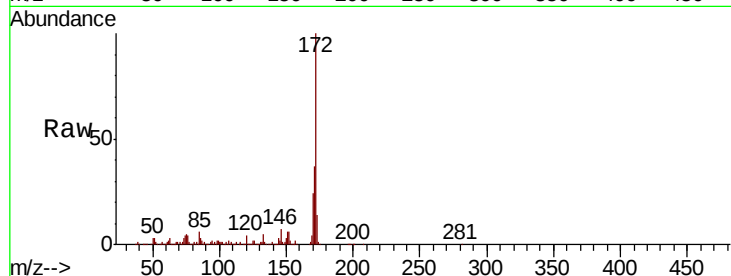




#45
2-Fluorobiphenyl
Concen: 95.037 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

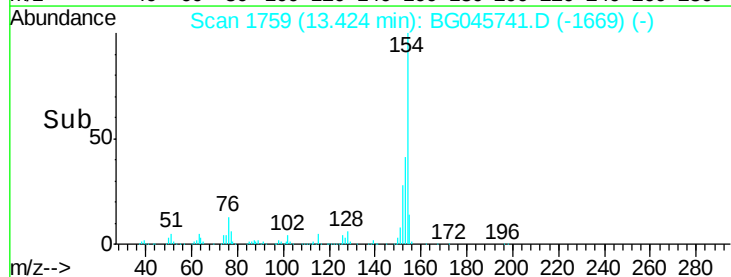
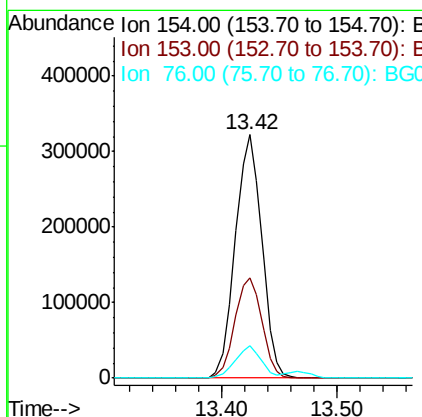
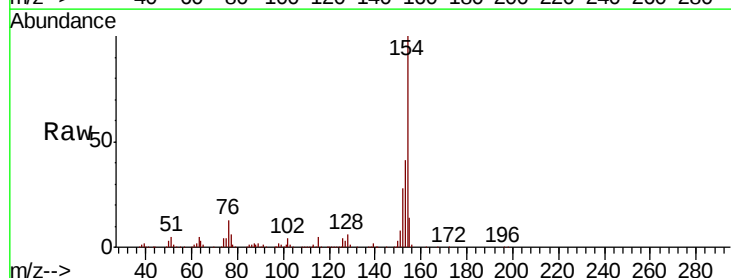
Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:172 Resp: 942871
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 23.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 49.690 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:154 Resp: 513808
Ion Ratio Lower Upper
154 100
153 41.1 22.2 62.2
76 13.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 47.695 ng

RT: 13.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

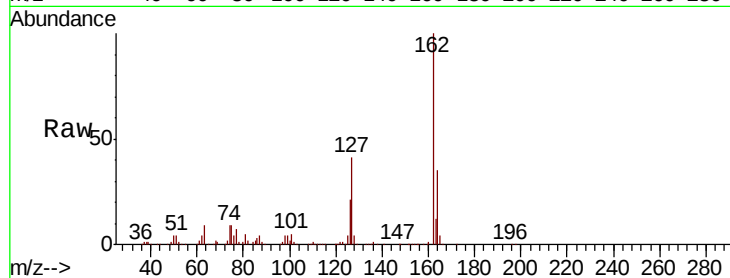
Tot Ion:162 Resp: 400474

Ion Ratio Lower Upper

162 100

127 41.0 31.6 47.4

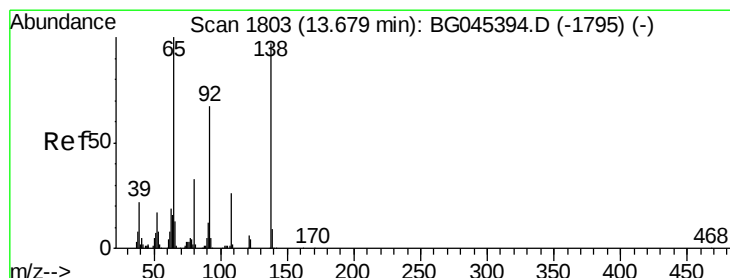
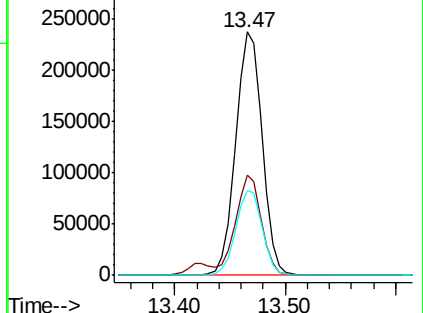
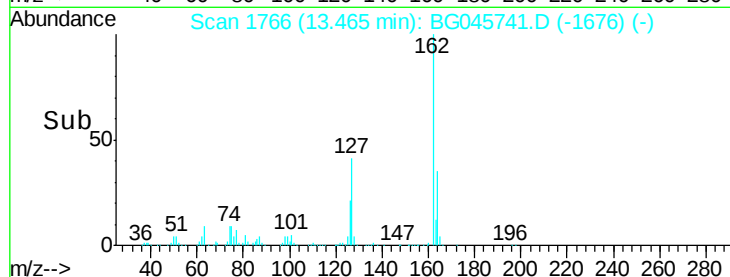
164 34.9 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 49.588 ng

RT: 13.68 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

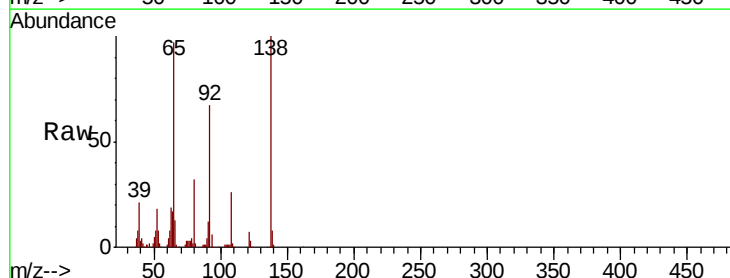
Tgt Ion: 65 Resp: 136964

Ion Ratio Lower Upper

65 100

92 69.3 53.8 80.8

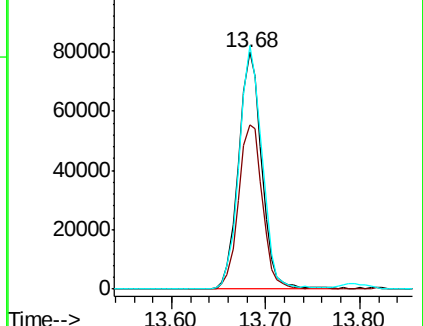
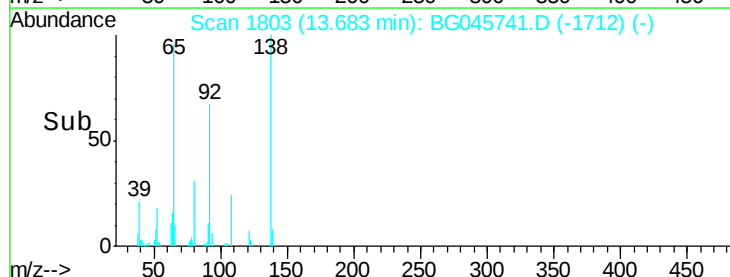
138 102.8 77.9 116.9

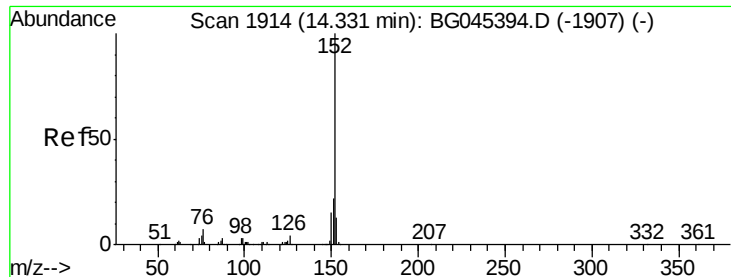


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.149 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

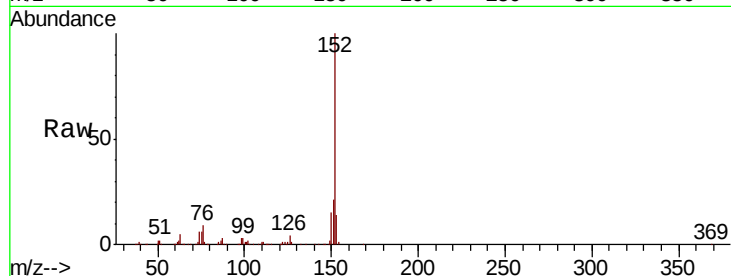
Tot Ion:152 Resp: 649395

Ion Ratio Lower Upper

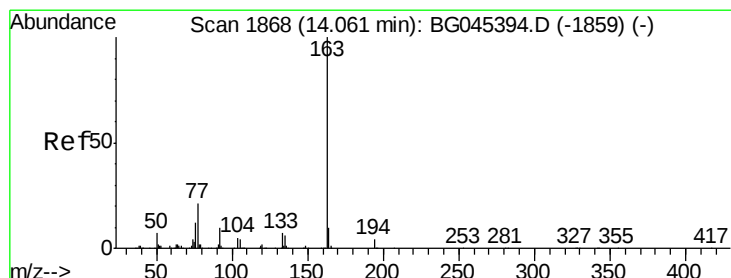
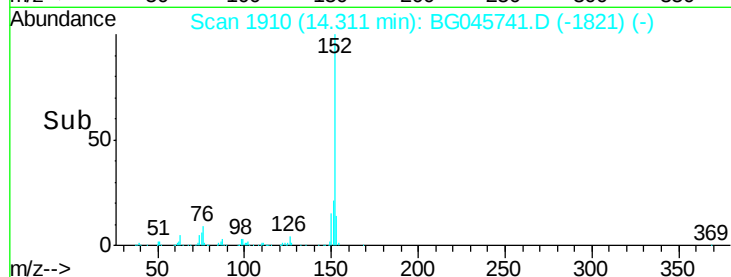
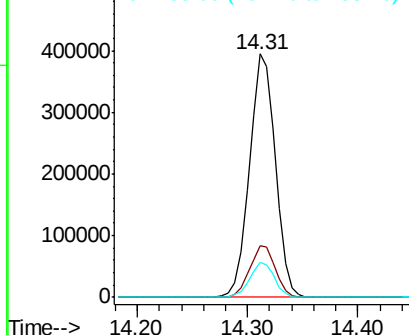
152 100

151 21.3 17.4 26.2

153 14.1 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: 47.035 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

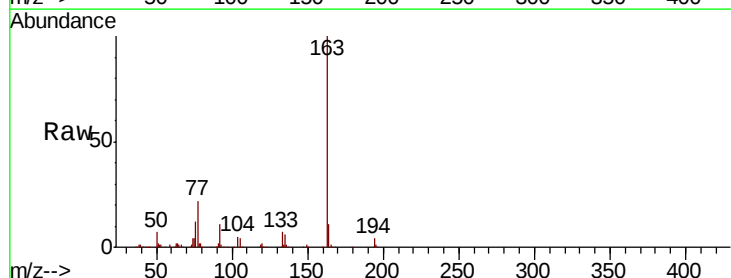
Tgt Ion:163 Resp: 542973

Ion Ratio Lower Upper

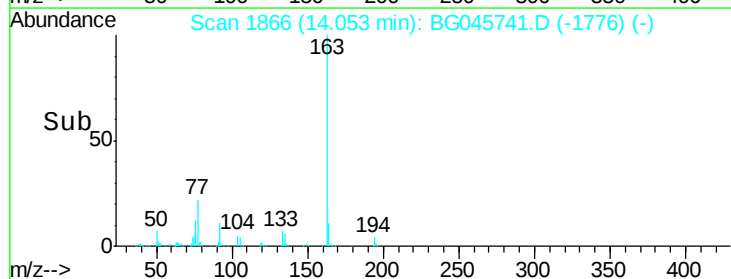
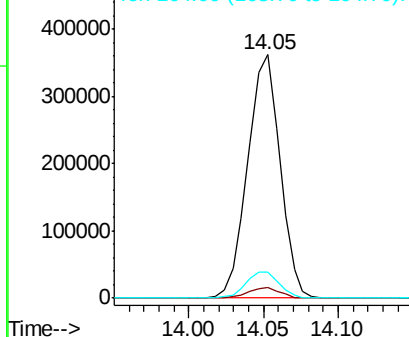
163 100

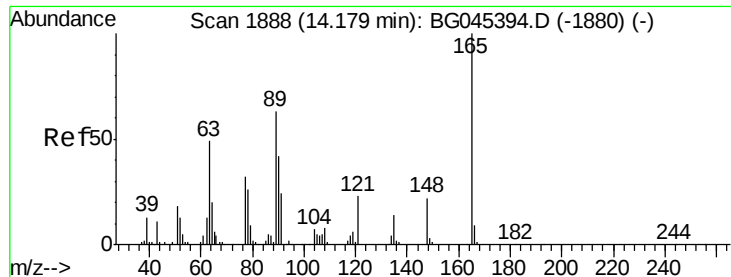
194 4.4 3.2 4.8

164 10.6 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

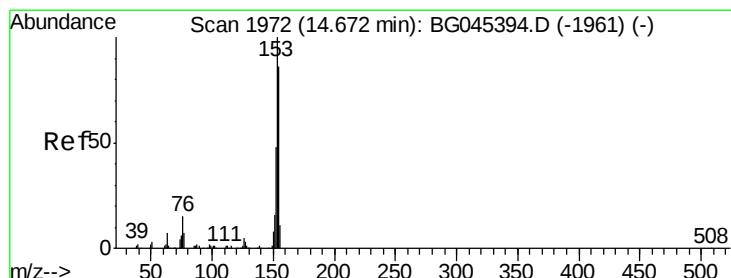
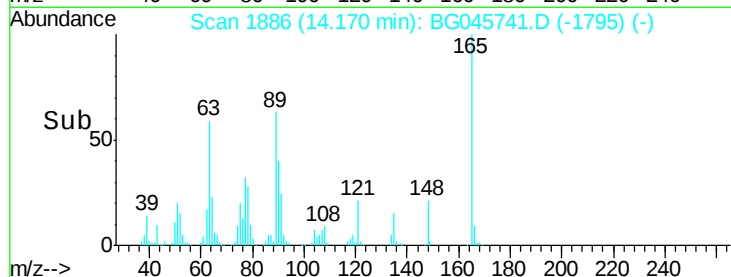
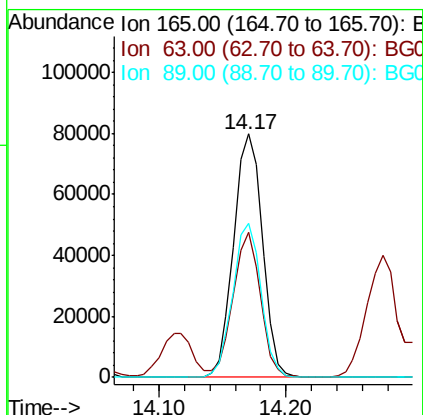
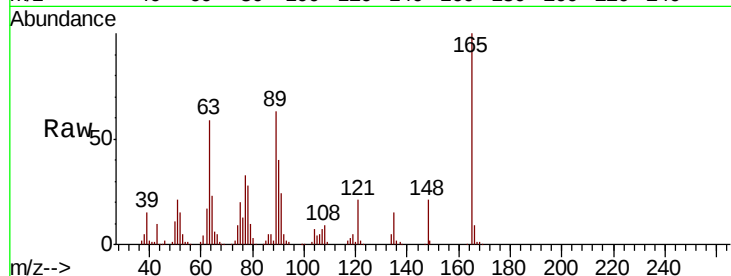




#51
2,6-Dinitrotoluene
Concen: 48.051 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

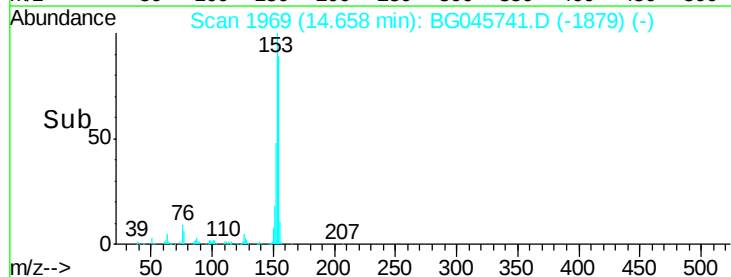
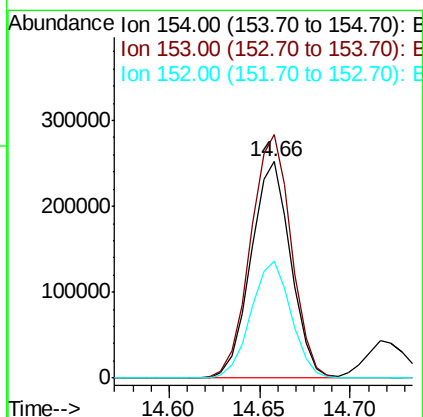
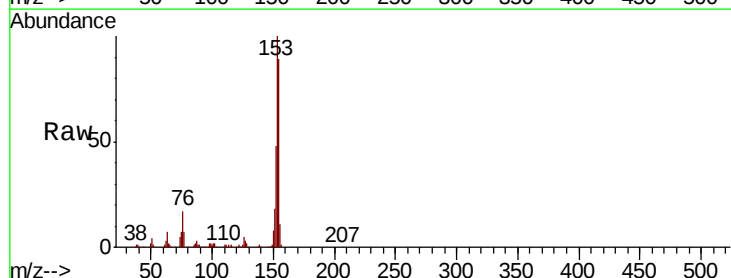
Instrument :
BNA_G
ClientSampleId :
PB129468BS

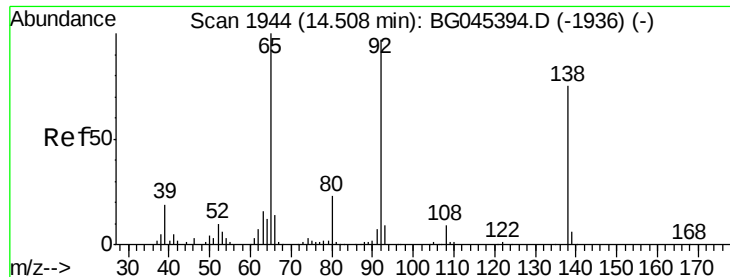
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	45.0	67.4
89	63.4	50.2	75.4



#52
Acenaphthene
Concen: 42.723 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.8	139.2
152	54.1	44.6	66.8





#53

3-Nitroaniline

Concen: 35.230 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

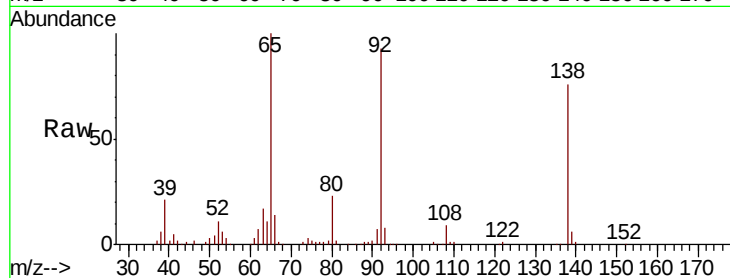
Tot Ion:138 Resp: 93290

Ion Ratio Lower Upper

138 100

108 11.6 9.8 14.6

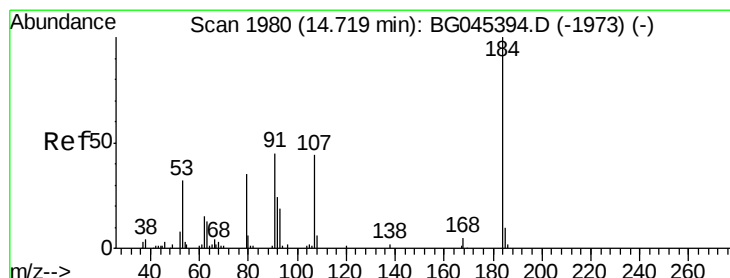
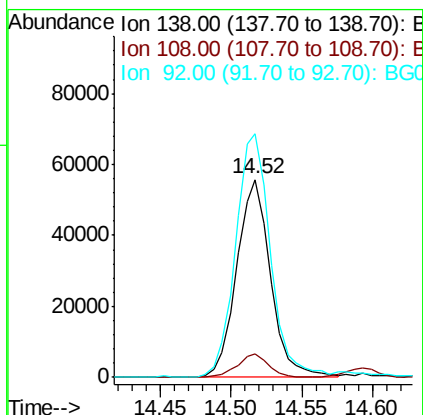
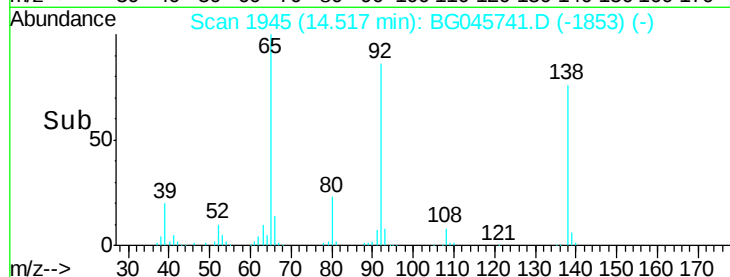
92 123.2 103.0 154.4



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: 64.470 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

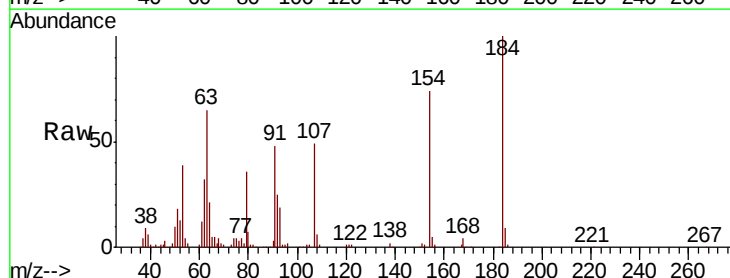
Tgt Ion:184 Resp: 108071

Ion Ratio Lower Upper

184 100

63 65.3 47.8 71.6

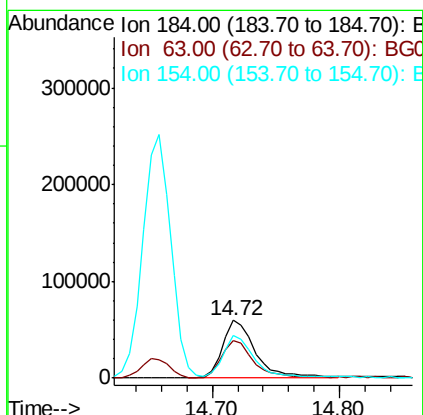
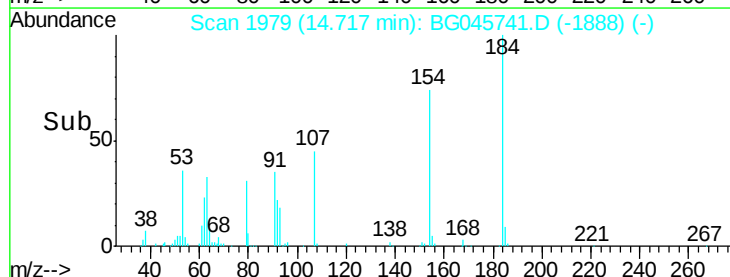
154 73.7 58.3 87.5

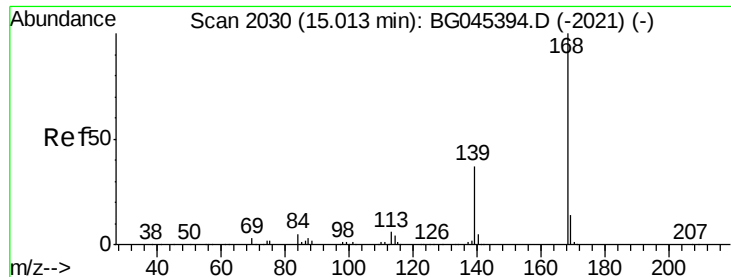


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

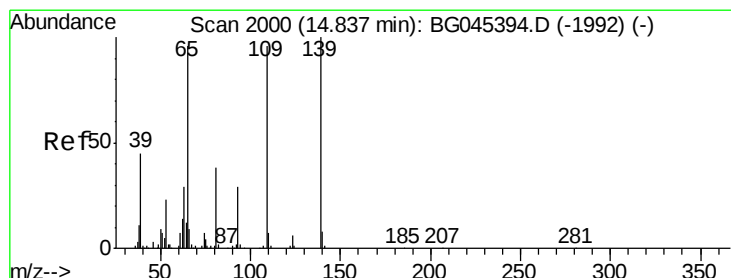
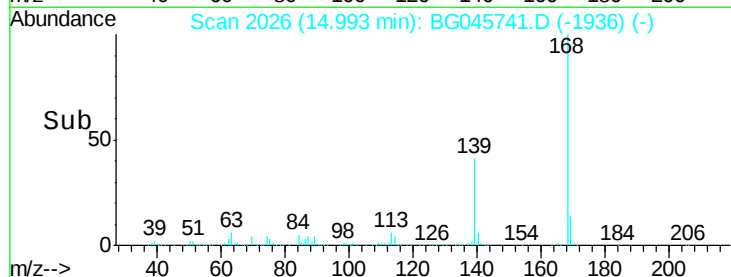
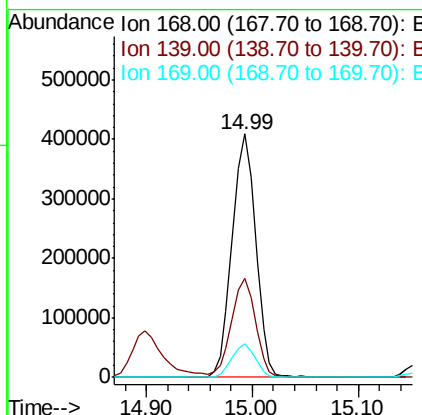
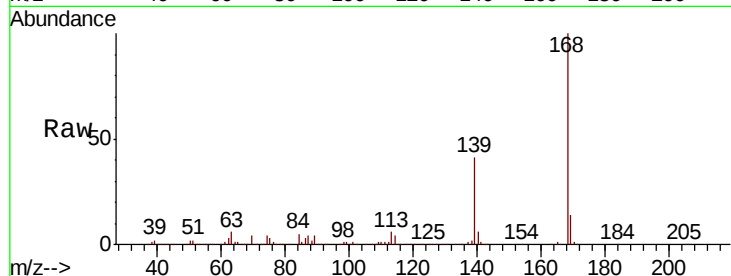




#55
Dibenzofuran
Concen: 47.334 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

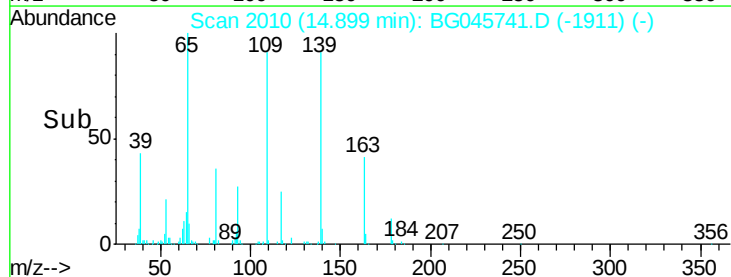
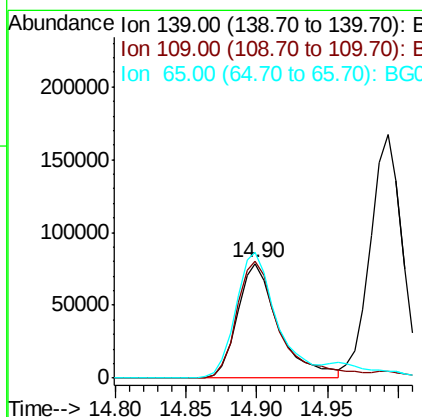
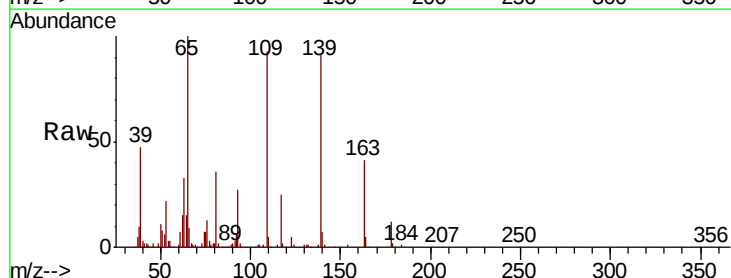
Instrument :
BNA_G
ClientSampleId :
PB129468BS

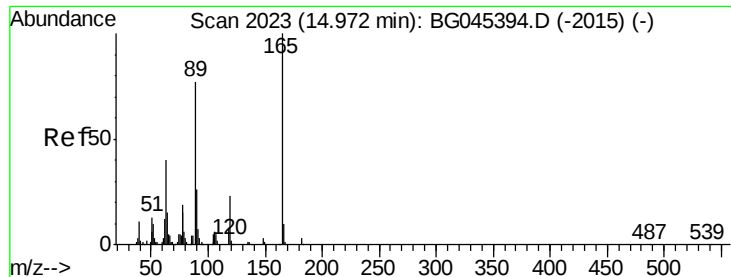
Tot Ion:168 Resp: 634586
Ion Ratio Lower Upper
168 100
139 40.8 29.9 44.9
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 79.591 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:139 Resp: 159564
Ion Ratio Lower Upper
139 100
109 102.2 75.6 115.6
65 110.3 76.8 116.8

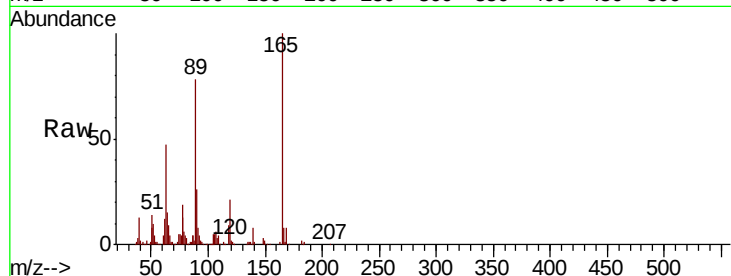




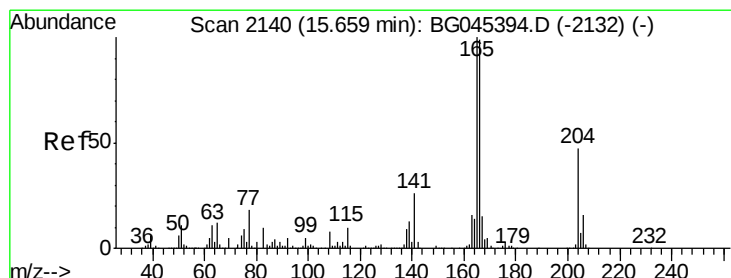
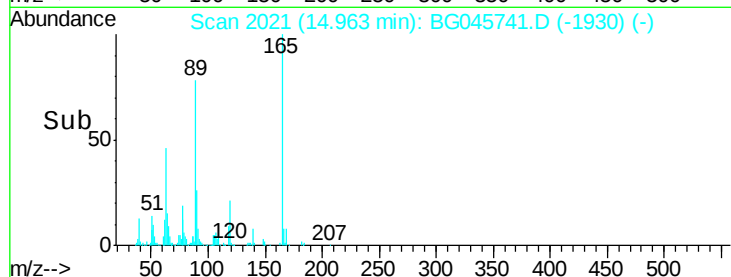
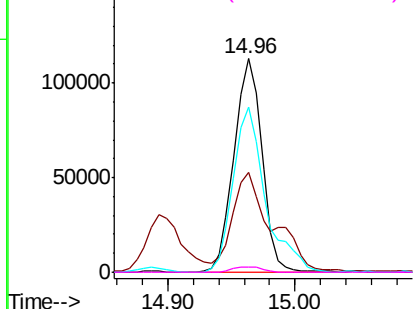
#57
2,4-Dinitrotoluene
Concen: 45.794 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:165 Resp: 172764
Ion Ratio Lower Upper
165 100
63 46.5 32.5 48.7
89 77.6 61.8 92.6
182 2.5 2.3 3.5

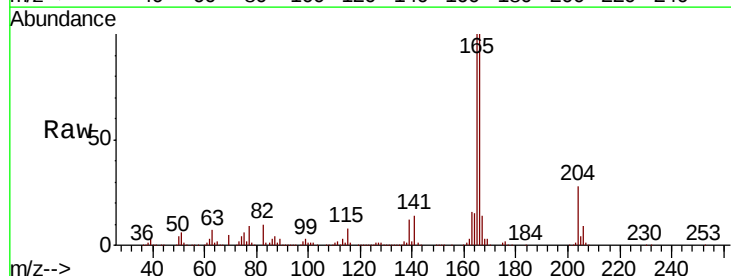


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

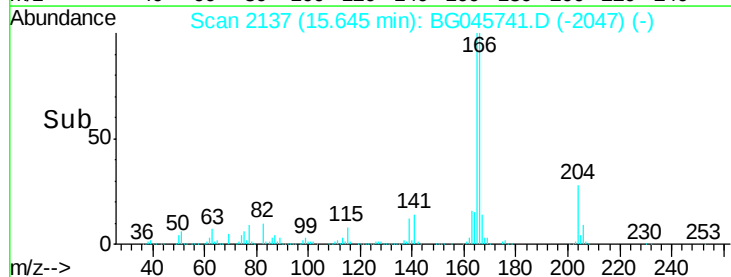
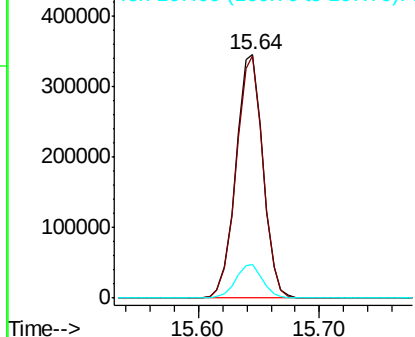


#58
Fluorene
Concen: 48.841 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:166 Resp: 537949
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 14.1 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: 49.629 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

Tot Ion:232 Resp: 162914

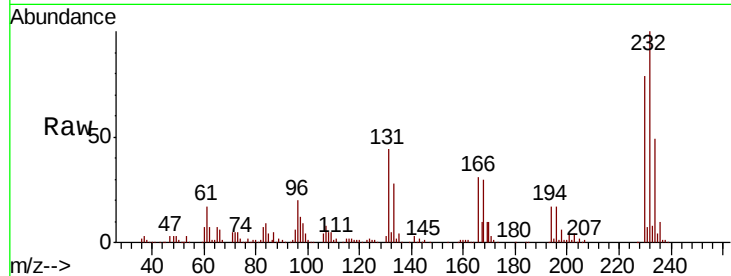
Ion Ratio Lower Upper

232 100

131 41.2 33.7 50.5

130 2.7 2.1 3.1

166 29.7 23.2 34.8

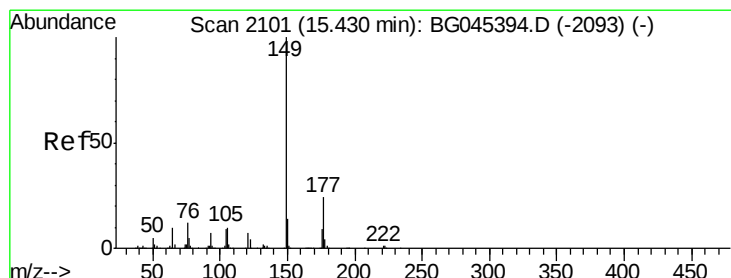
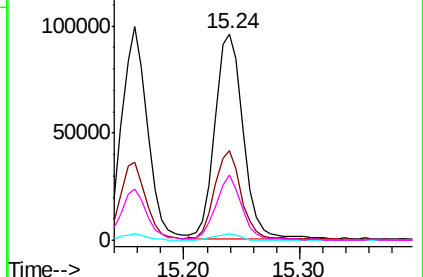
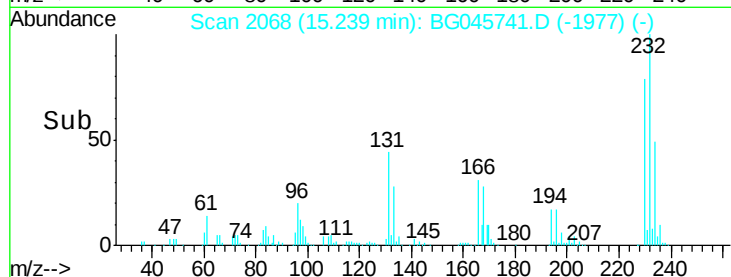


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.897 ng

RT: 15.42 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

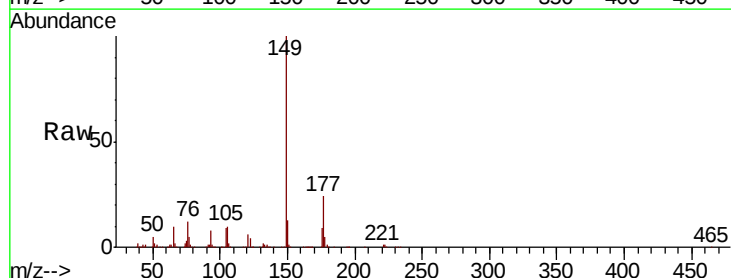
Tgt Ion:149 Resp: 563486

Ion Ratio Lower Upper

149 100

177 24.3 19.0 28.4

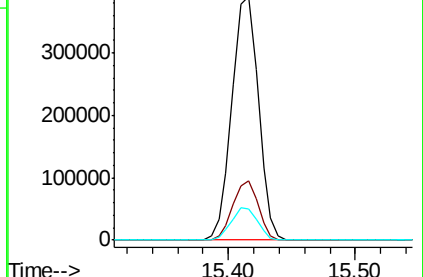
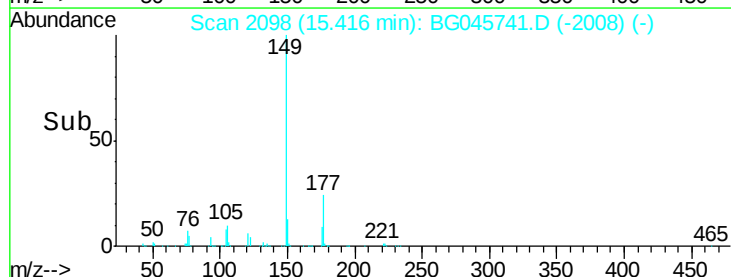
150 13.0 11.4 17.0

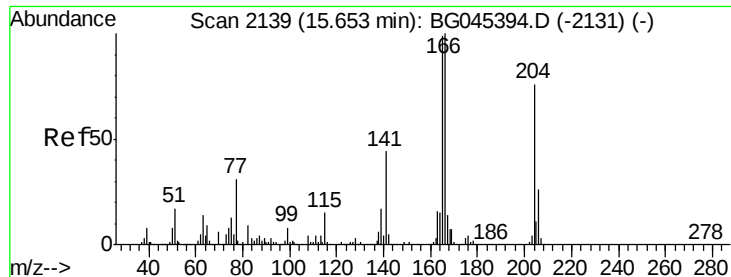


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

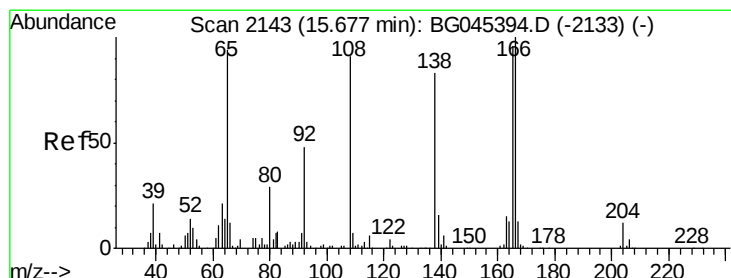
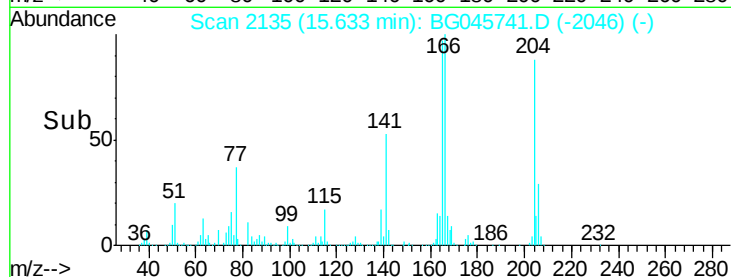
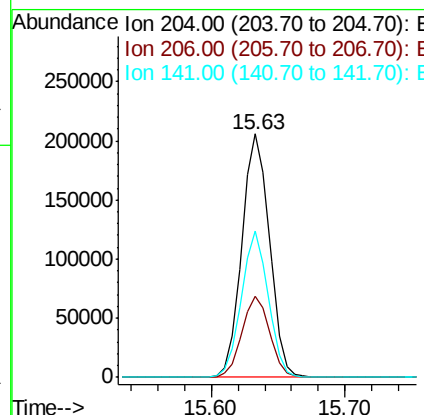
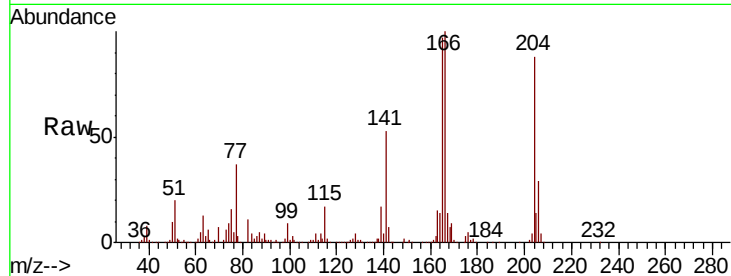




#61
 4-Chlorophenyl-phenylether
 Concen: 46.719 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

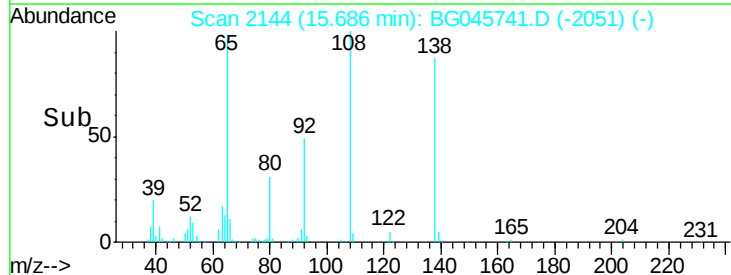
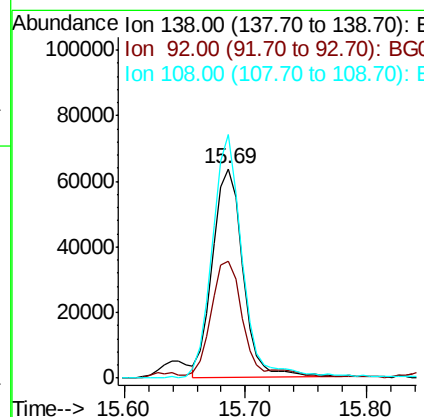
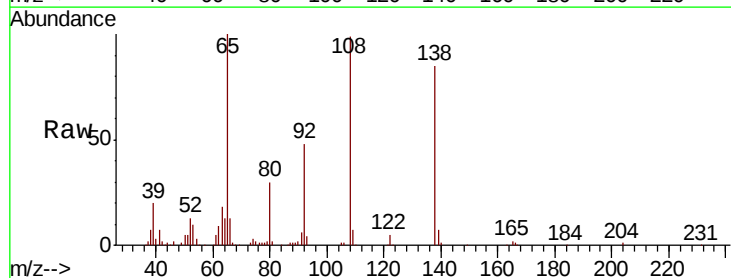
Instrument :
 BNA_G
 ClientSampled :
 PB129468BS

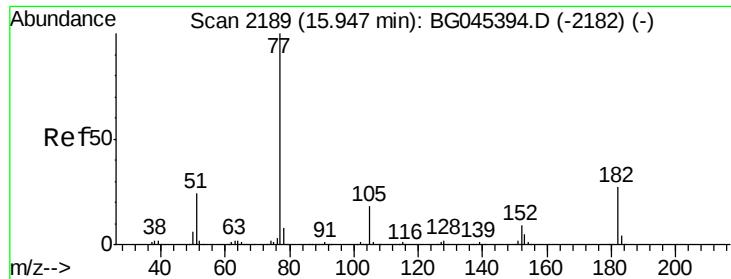
Tot Ion:204 Resp: 294462
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.3 40.9
 141 59.9 45.9 68.9



#62
 4-Nitroaniline
 Concen: 39.737 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.02 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion:138 Resp: 109849
 Ion Ratio Lower Upper
 138 100
 92 55.9 38.0 78.0
 108 116.4 89.3 129.3





#63

Azobenzene

Concen: 48.542 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

Tot Ion: 77 Resp: 543852

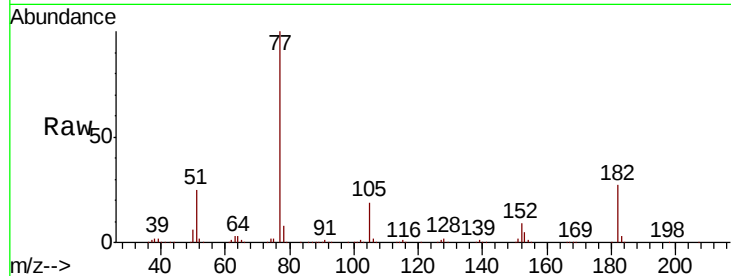
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 18.7 0.0 37.9

51 24.6 4.1 44.1

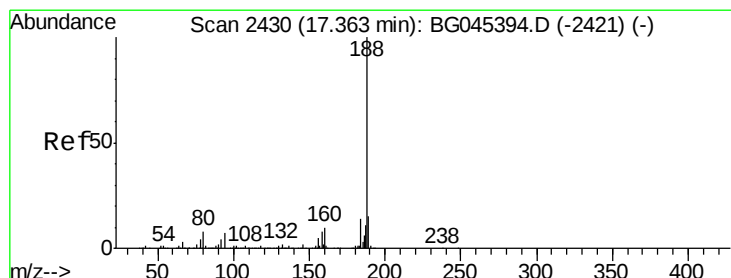
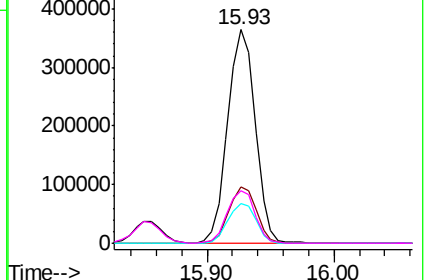
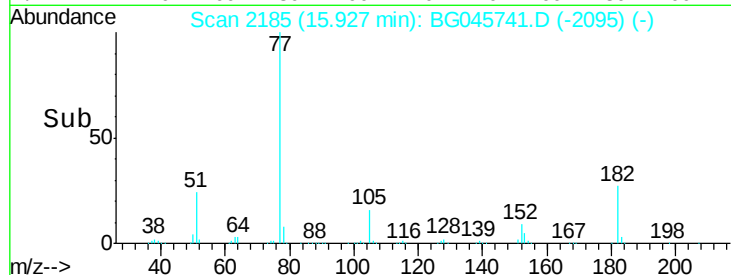


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045741.D

Acq: 12 Jun 2020 15:19

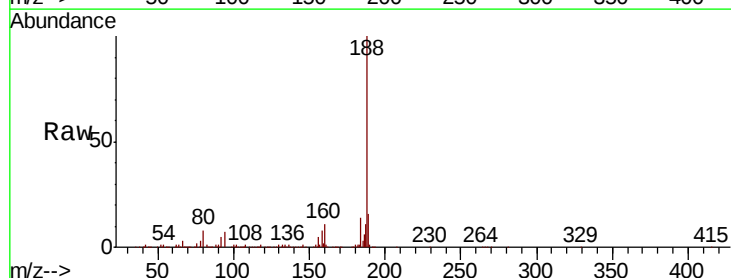
Tgt Ion: 188 Resp: 383342

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

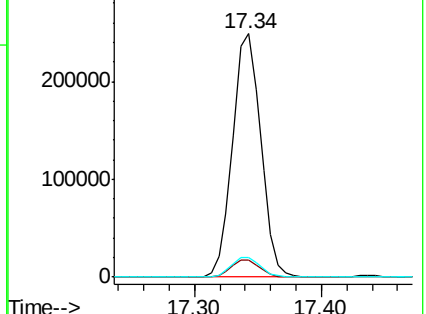
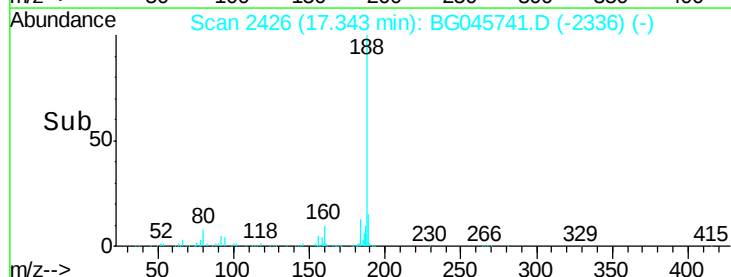
80 7.8 6.6 10.0

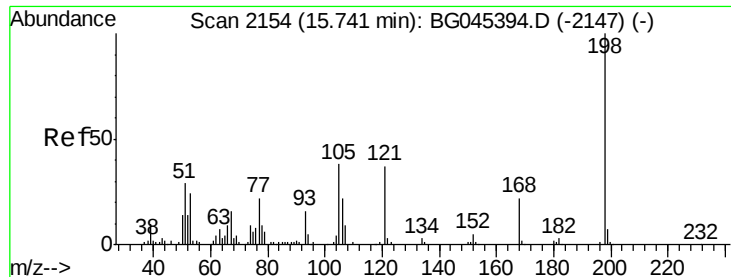


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.545 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

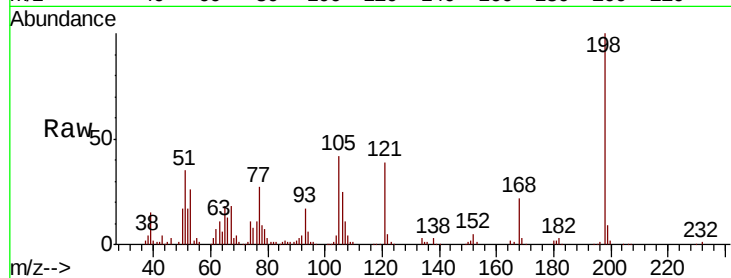
Tot Ion:198 Resp: 103916

Ion	Ratio	Lower	Upper
198	100		
51	34.6	10.0	50.0
105	42.2	18.9	58.9

198 100

51 34.6 10.0 50.0

105 42.2 18.9 58.9



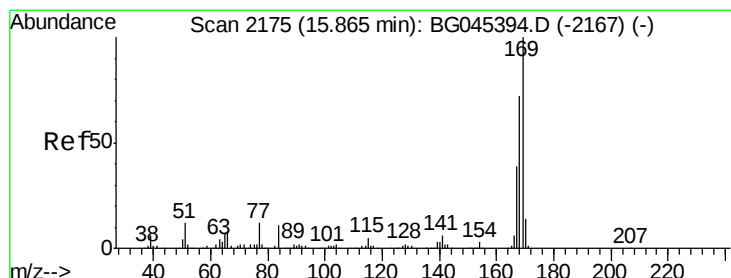
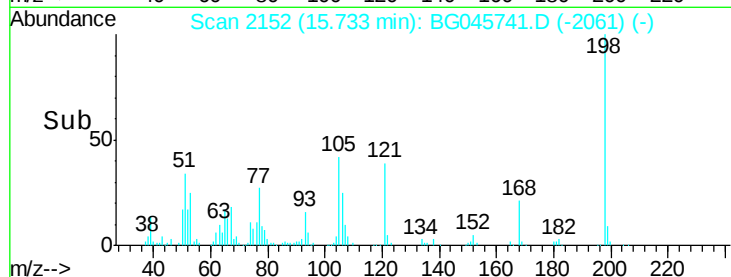
Abundance Ion 198.00 (197.70 to 198.70): E

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

Ion 105.00 (104.70 to 105.70): BG045394.D (-2147) (-)

Time-->

15.73



#66

n-Nitrosodiphenylamine

Concen: 50.680 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

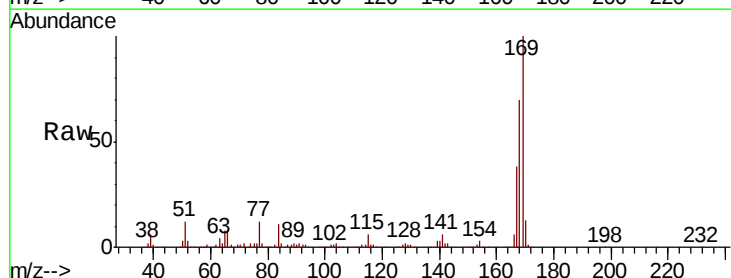
Tgt Ion:169 Resp: 466456

Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.8	86.6
167	38.5	31.5	47.3

169 100

168 70.3 57.8 86.6

167 38.5 31.5 47.3



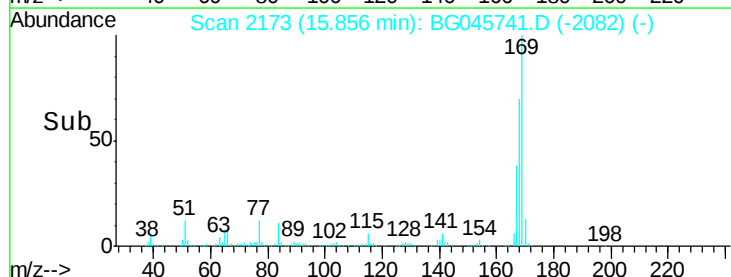
Abundance Ion 169.00 (168.70 to 169.70): E

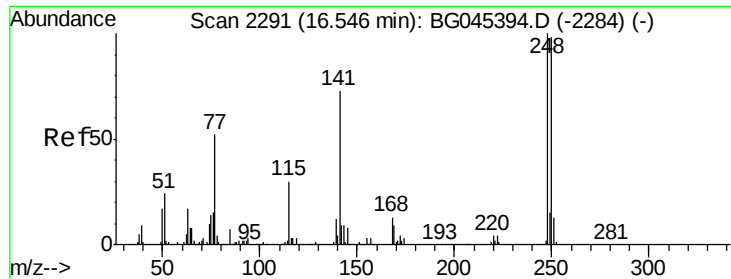
Ion 168.00 (167.70 to 168.70): BG045394.D (-2167) (-)

Ion 167.00 (166.70 to 167.70): BG045394.D (-2167) (-)

Time-->

15.86

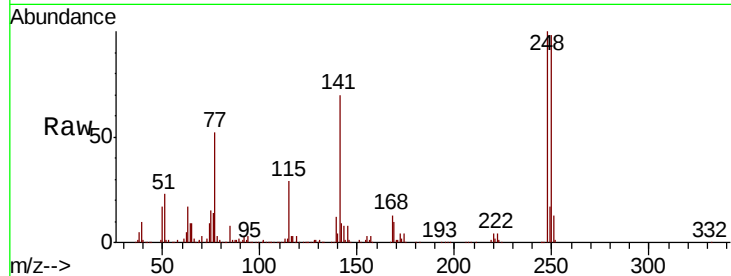




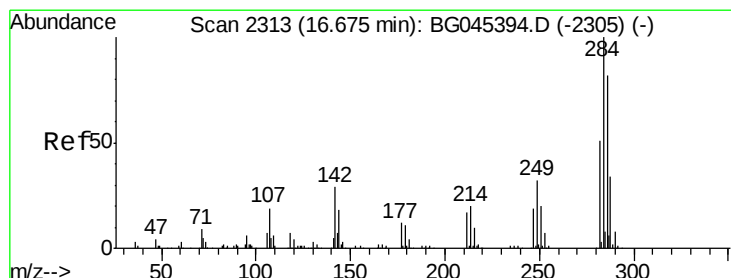
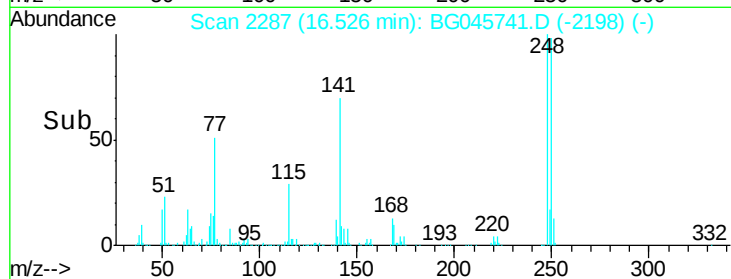
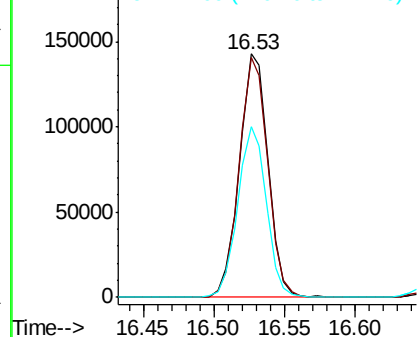
#67
4-Bromophenyl-phenylether
Concen: 48.664 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.6	117.8
141	70.3	58.2	87.2

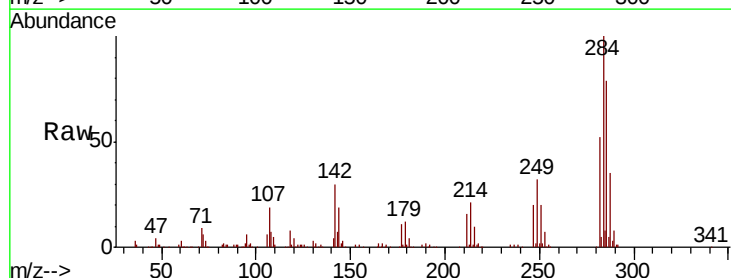


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

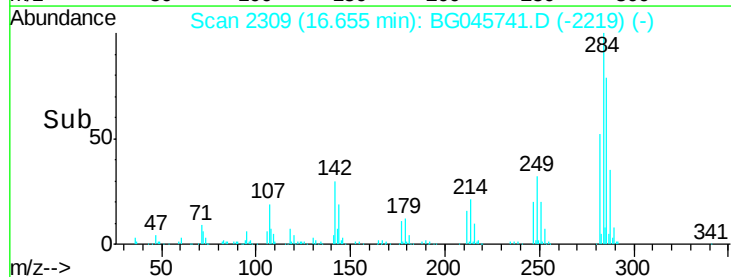
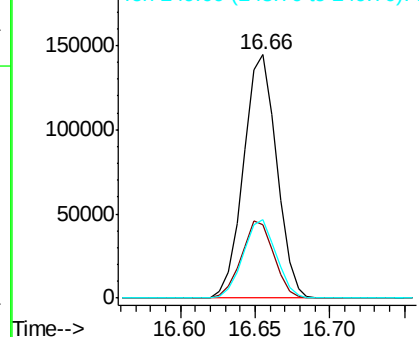


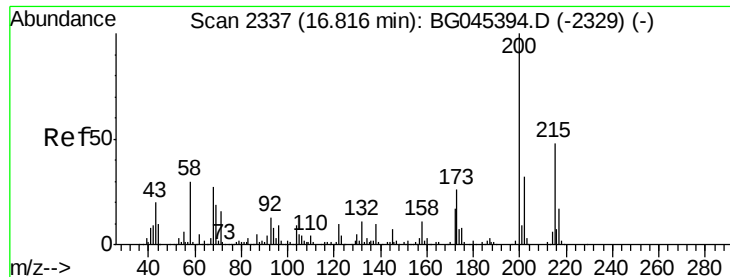
#68
Hexachlorobenzene
Concen: 51.012 ng
RT: 16.66 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.0	34.6
249	32.5	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: 46.591 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

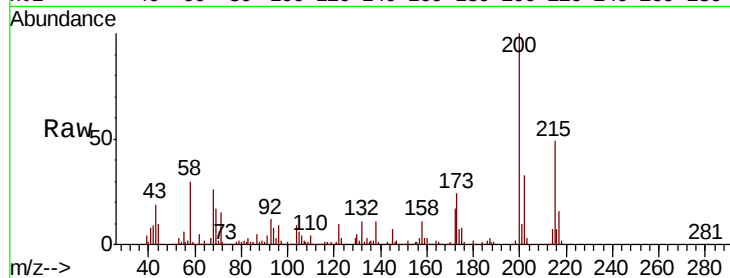
Tot Ion:200 Resp: 176629

Ion Ratio Lower Upper

200 100

173 23.7 5.5 45.5

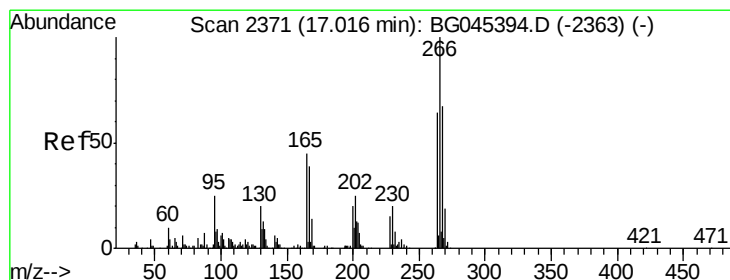
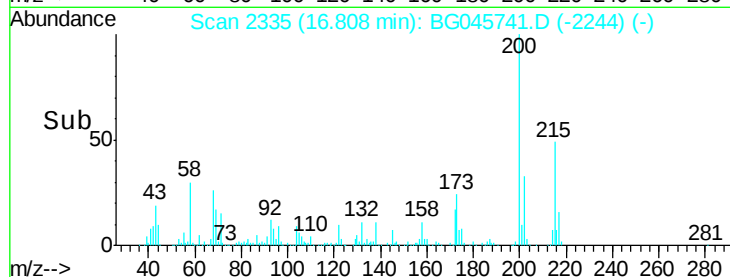
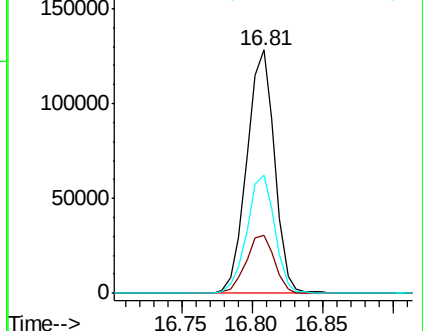
215 48.7 28.2 68.2



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: 93.326 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

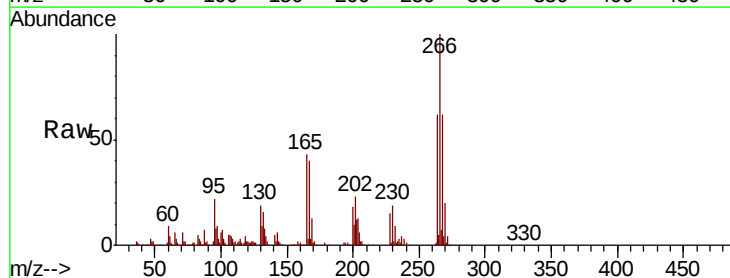
Tgt Ion:266 Resp: 210387

Ion Ratio Lower Upper

266 100

268 62.1 53.2 79.8

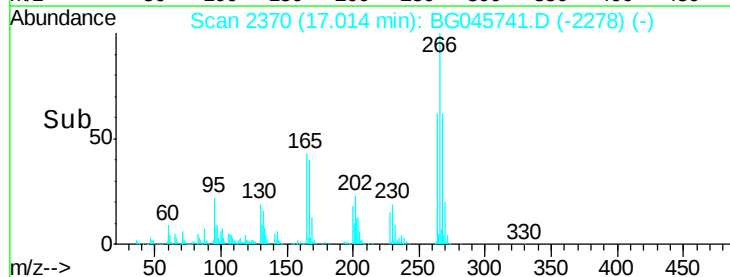
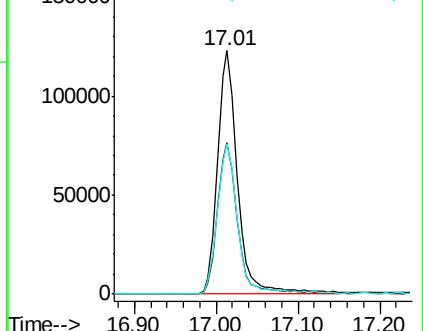
264 61.7 51.0 76.4

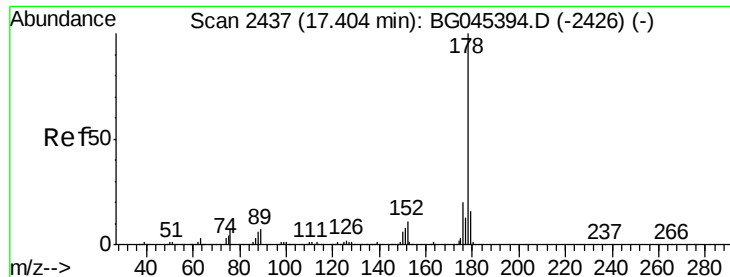


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

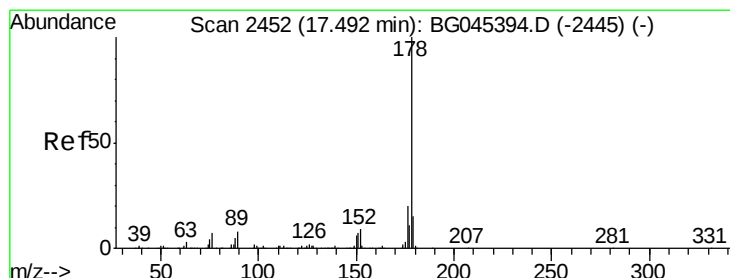
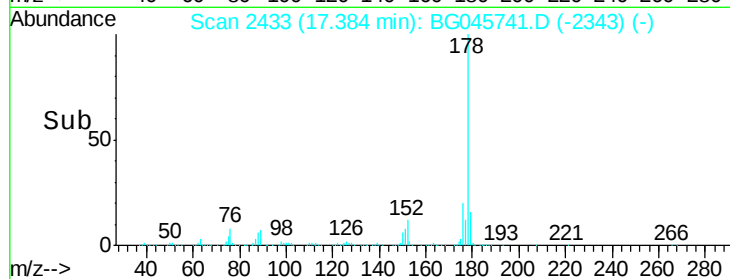
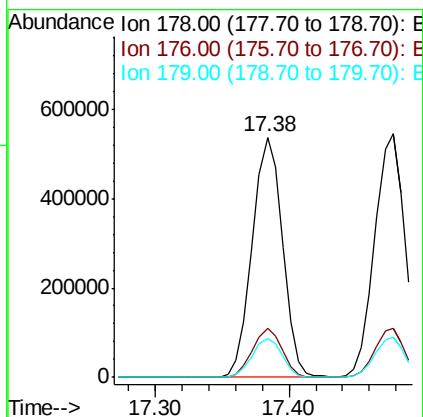
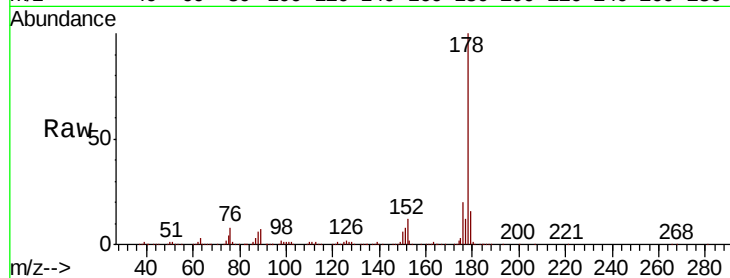




#71
Phenanthrene
Concen: 50.166 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

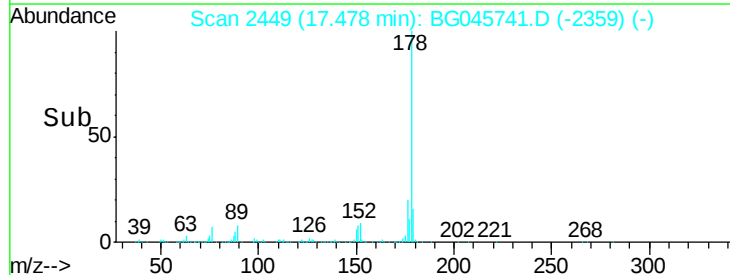
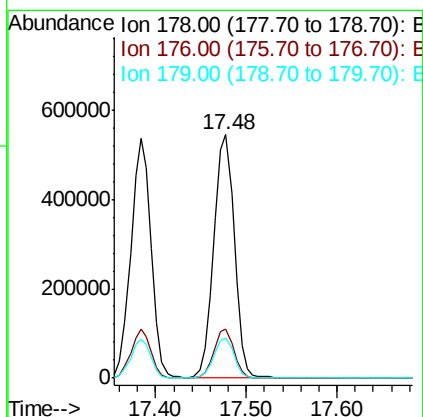
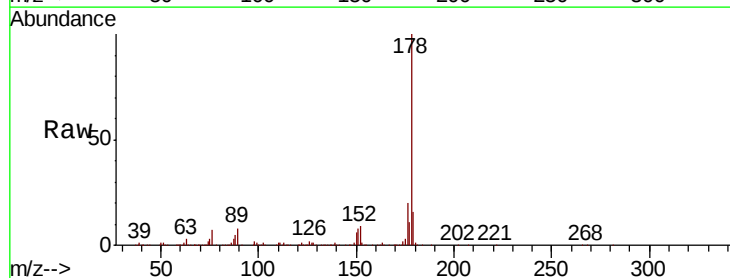
Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:178 Resp: 839534
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.2 13.1 19.7



#72
Anthracene
Concen: 50.911 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:178 Resp: 855600
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.4 12.2 18.4

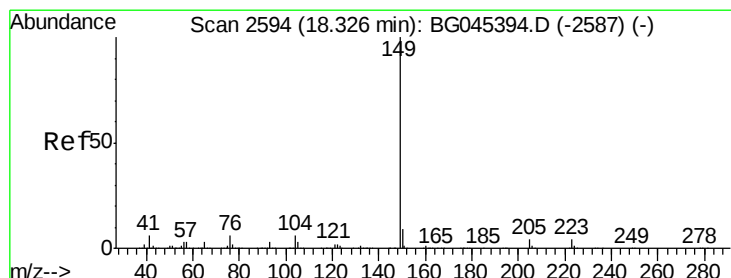
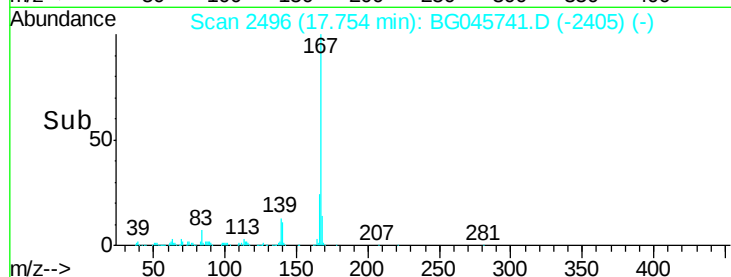
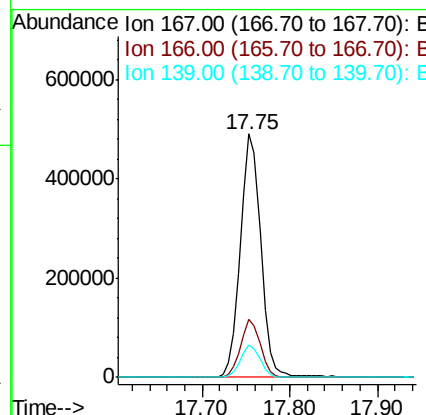
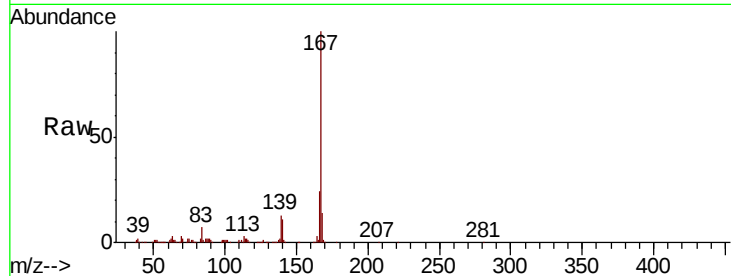




#73
 Carbazole
 Concen: 47.170 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

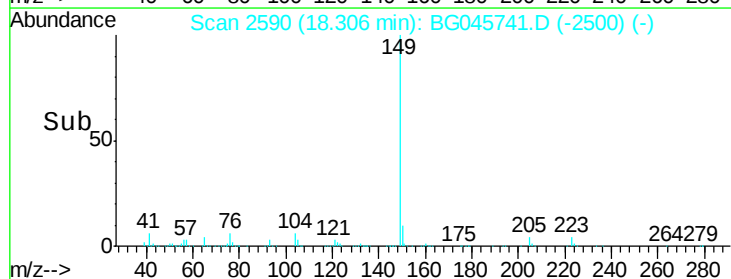
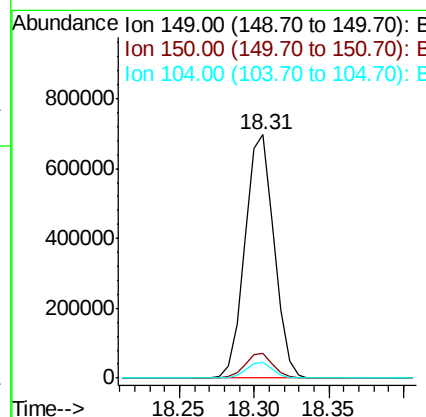
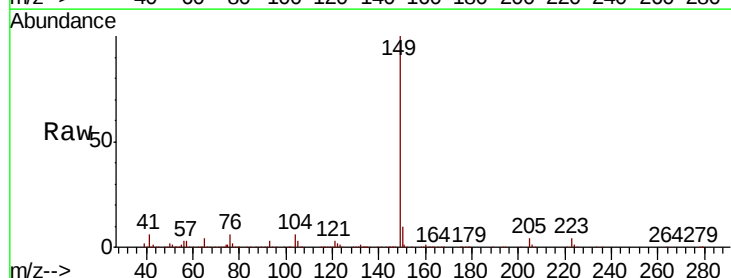
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

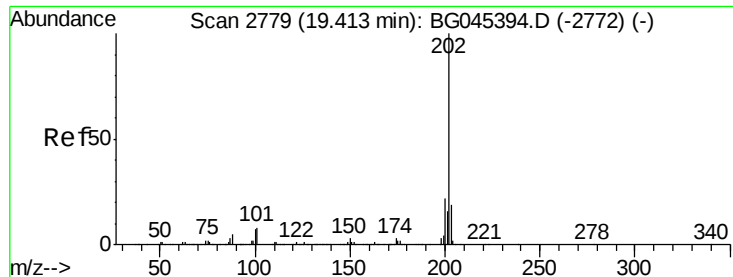
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	13.2	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 47.656 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 47.706 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

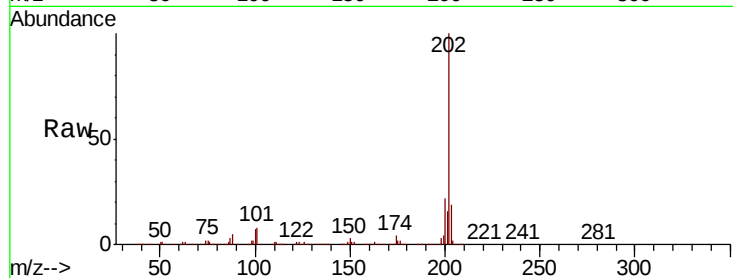
Tot Ion:202 Resp: 1015461

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

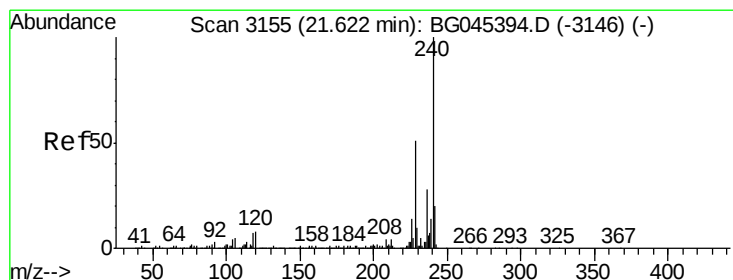
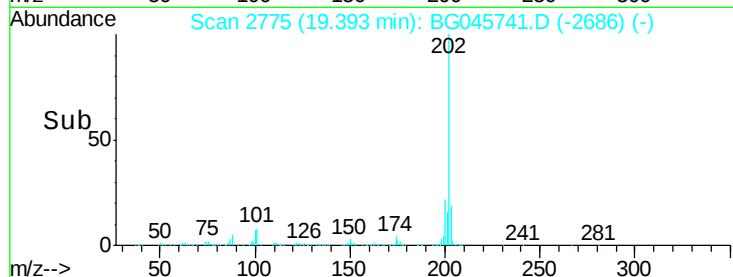
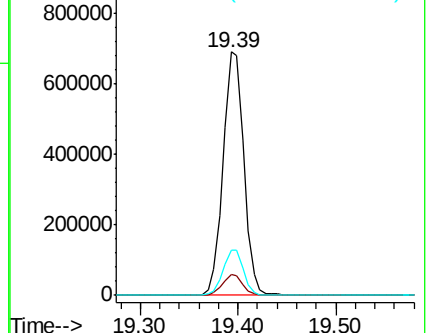
203 18.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

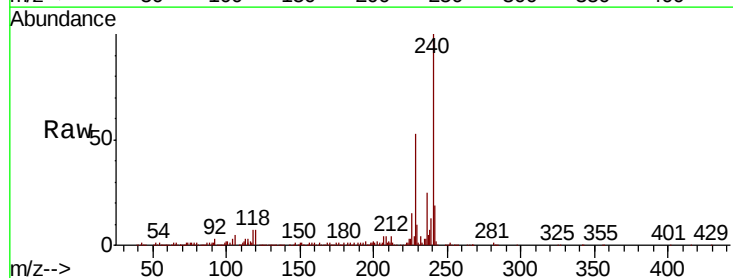
Tgt Ion:240 Resp: 347439

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

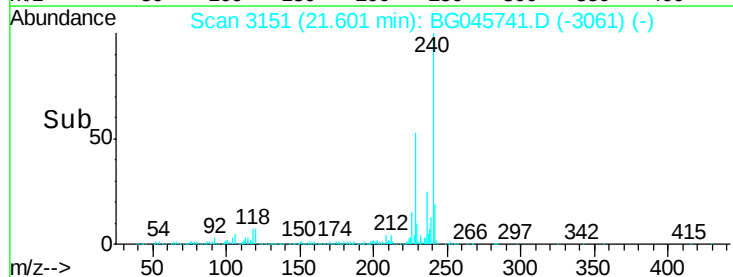
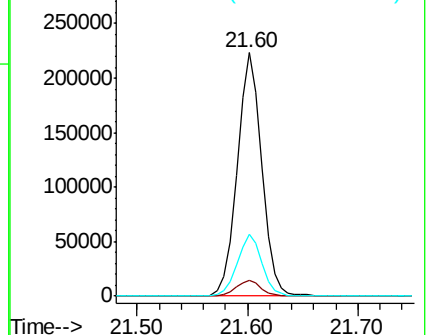
236 25.2 22.3 33.5

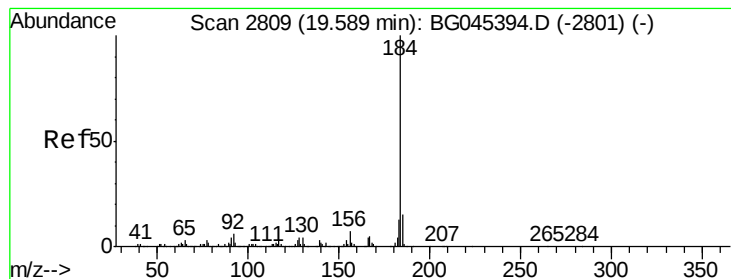


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.905 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

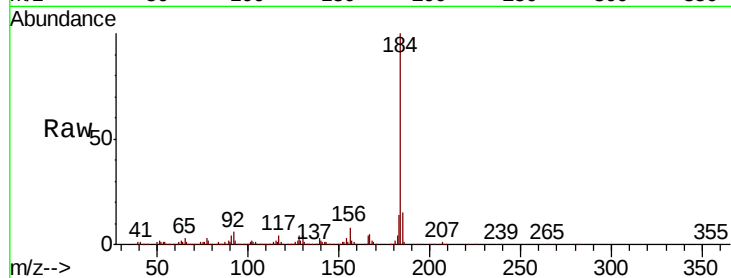
Tot Ion:184 Resp: 418666

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

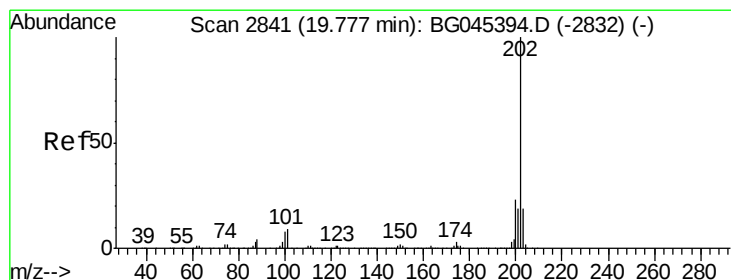
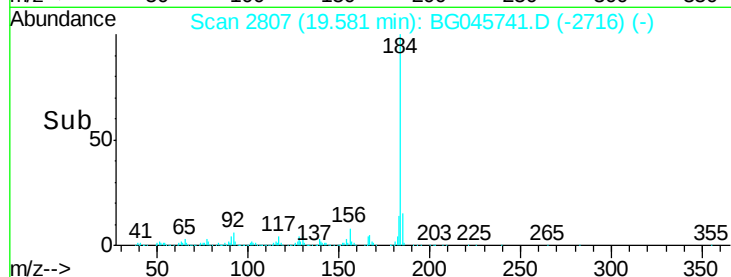
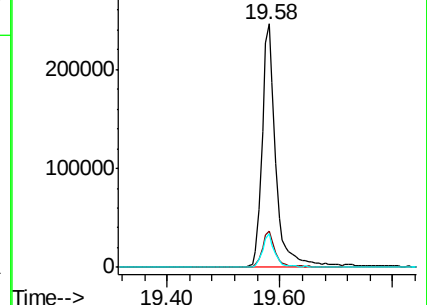
183 13.6 10.2 15.4



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: 50.123 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

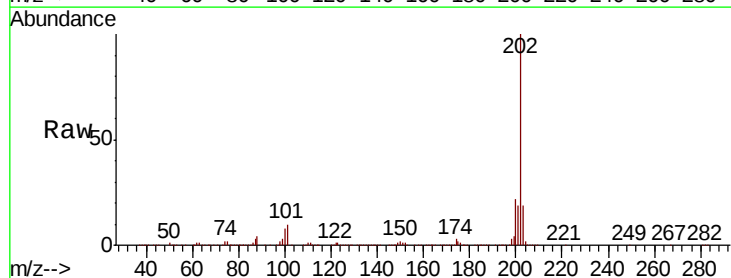
Tgt Ion:202 Resp: 992718

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

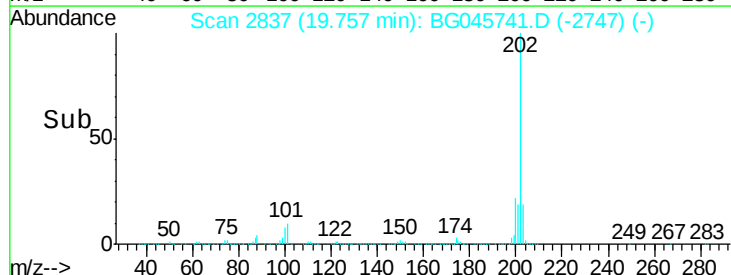
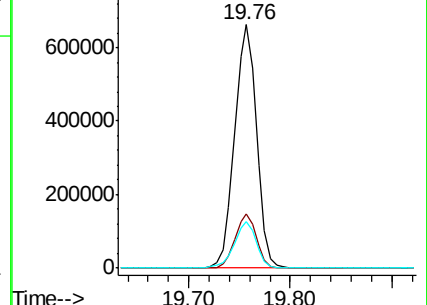
203 18.9 15.1 22.7

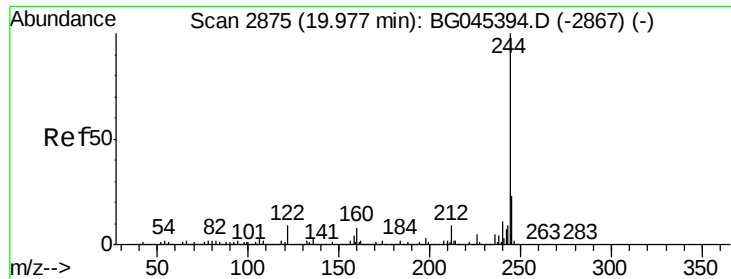


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.924 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

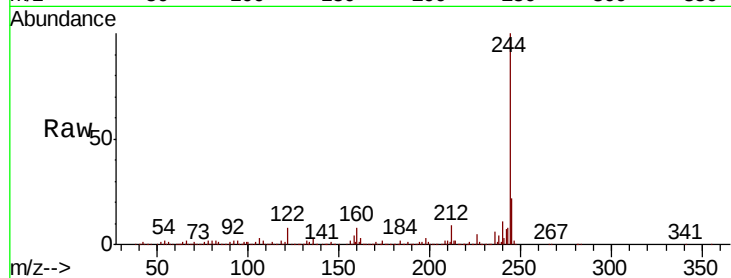
BNA_G

ClientSampleId :

PB129468BS

Tot Ion:244 Resp: 1503447

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	6.8	10.2

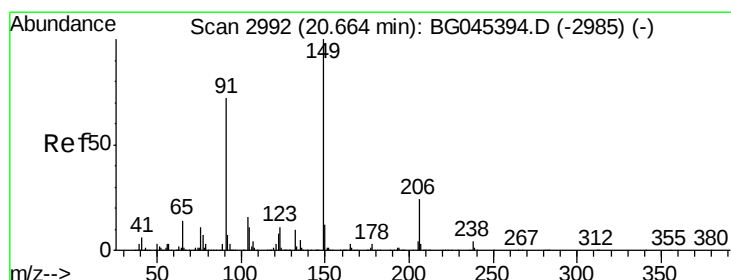
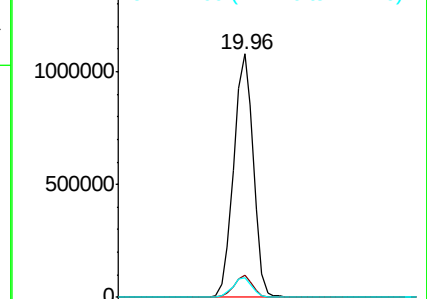
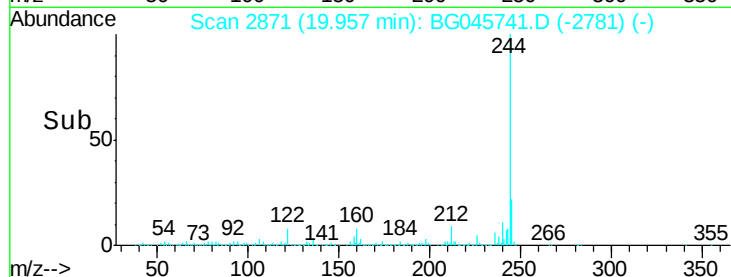


Abundance

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: 47.905 ng

RT: 20.64 min Scan# 2988

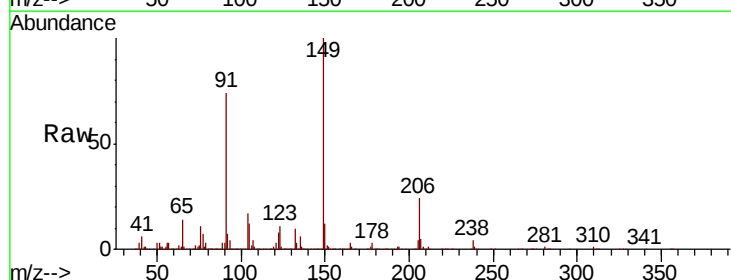
Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:149 Resp: 409525

Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.8	86.6
206	24.1	19.1	28.7

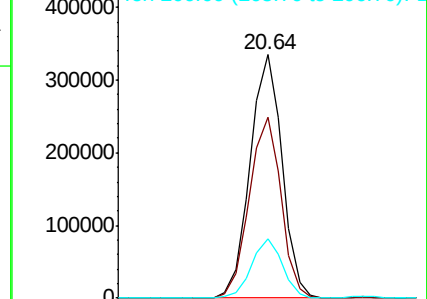
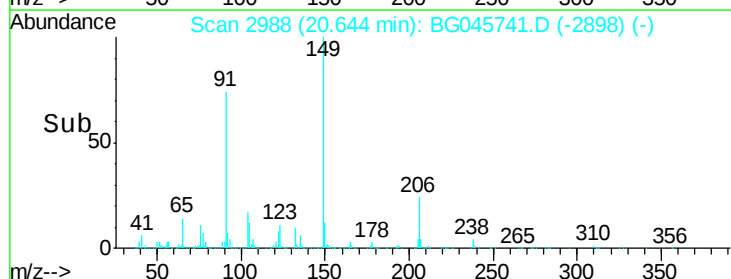


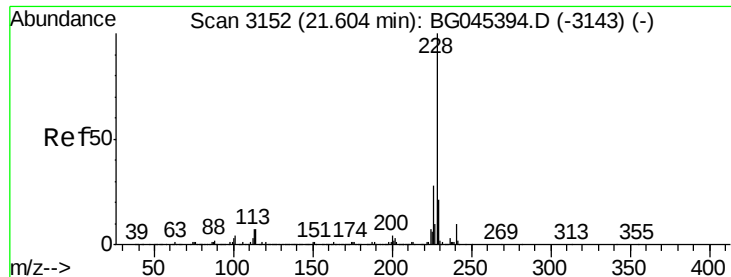
Abundance

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

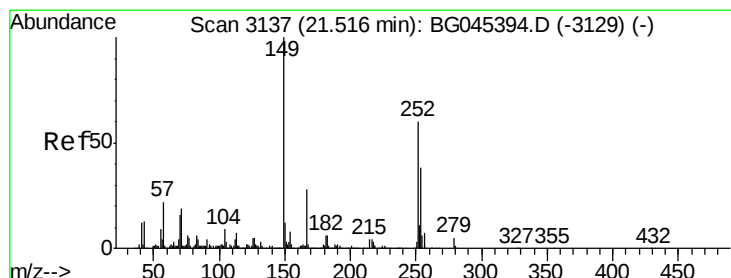
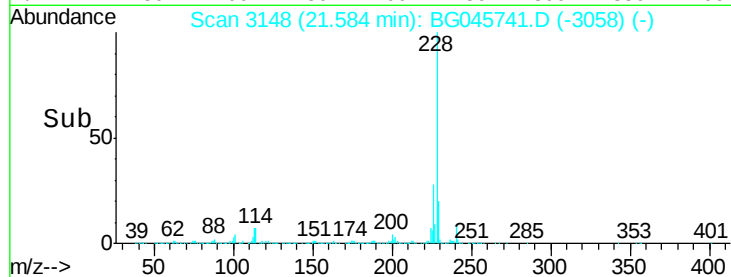
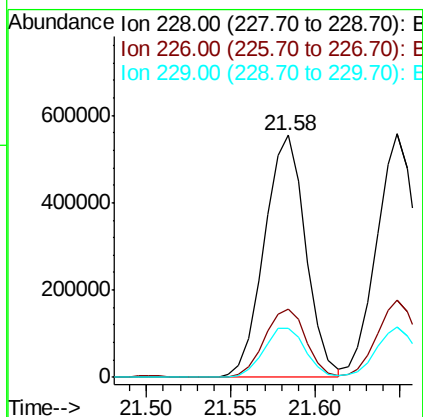
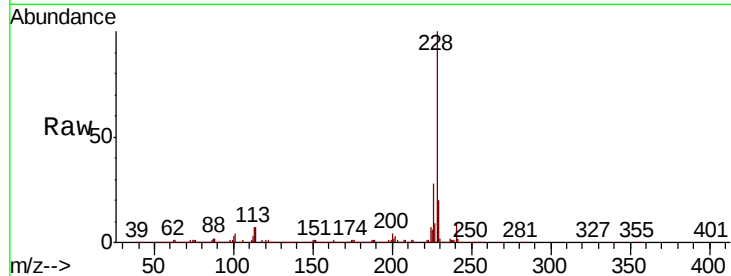




#81
Benzo(a)anthracene
Concen: 48.570 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

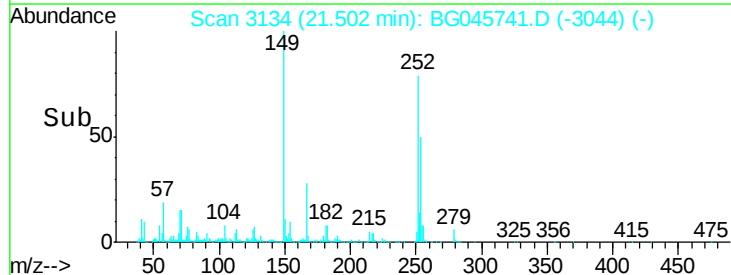
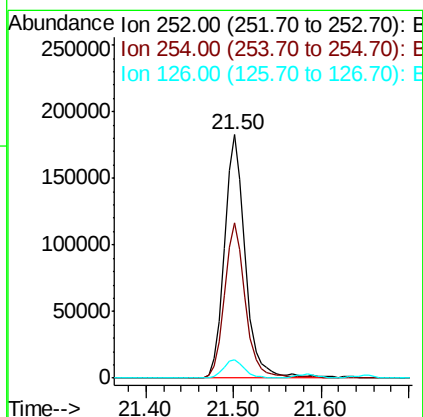
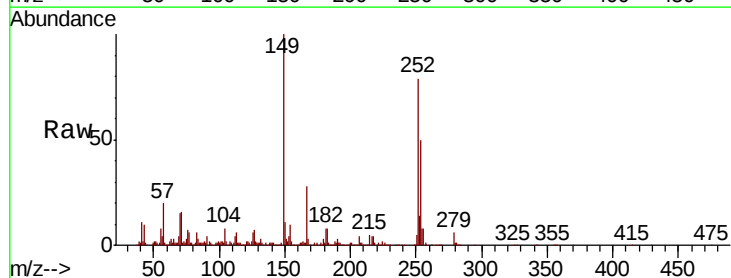
Instrument :
BNA_G
ClientSampleId :
PB129468BS

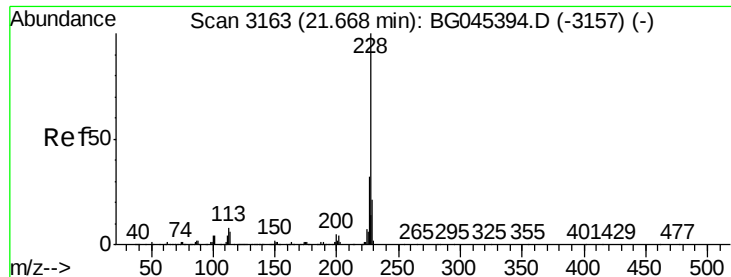
Tot Ion:228 Resp: 940057
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.5 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 39.679 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:252 Resp: 301244
Ion Ratio Lower Upper
252 100
254 63.8 51.3 76.9
126 7.4 6.6 10.0





#83

Chrysene

Concen: 49.736 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

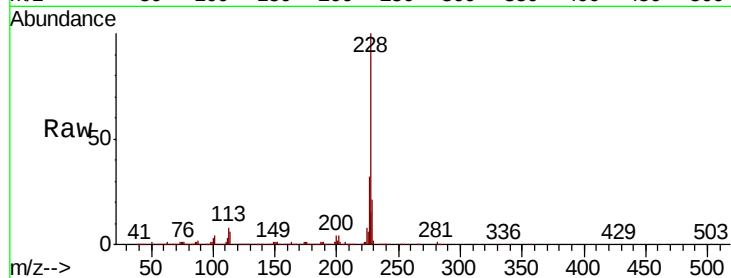
Tot Ion:228 Resp: 925595

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

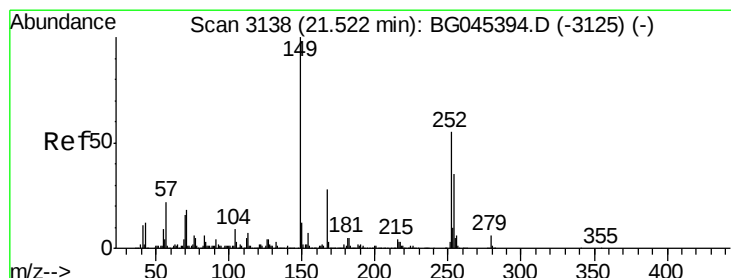
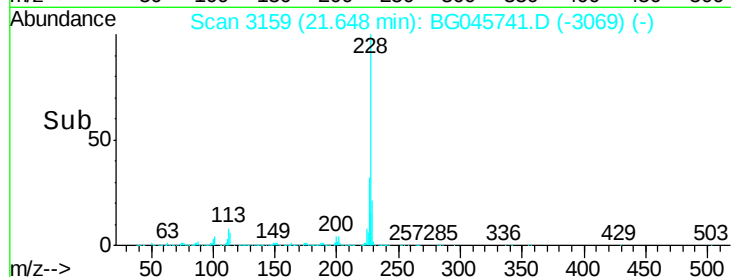
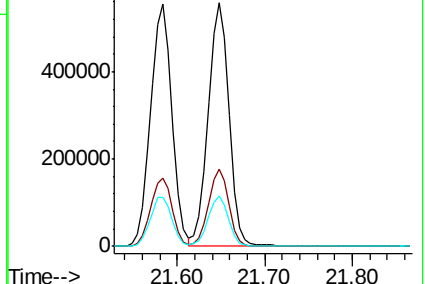
229 20.9 16.7 25.1



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: 48.744 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

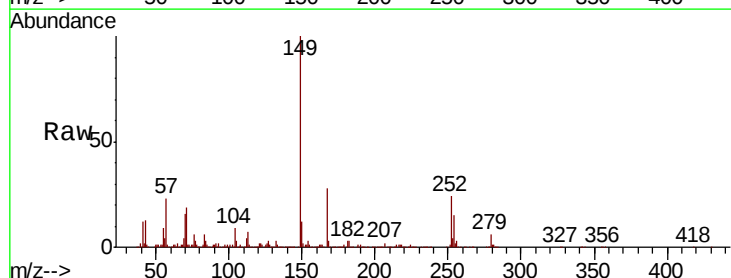
Tgt Ion:149 Resp: 572803

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

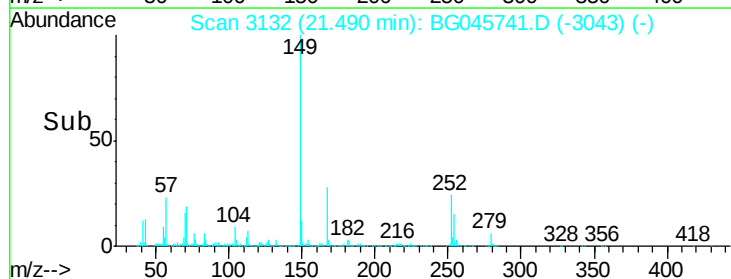
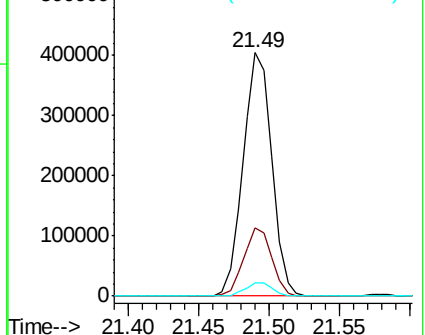
279 5.5 4.7 7.1

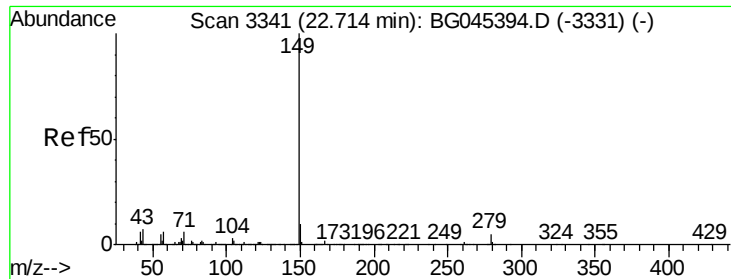


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.216 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB129468BS

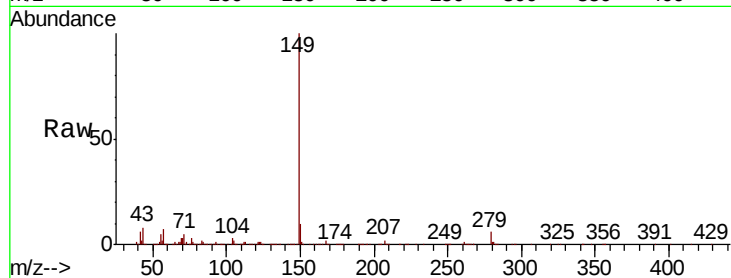
Tot Ion:149 Resp: 952956

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

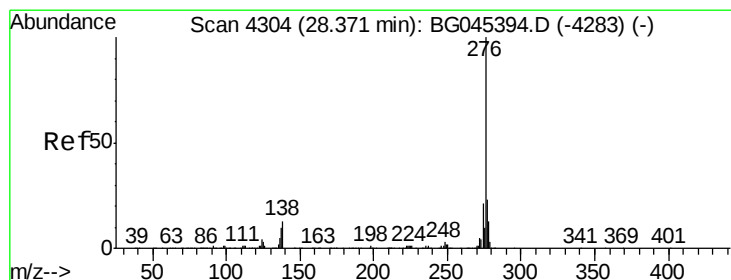
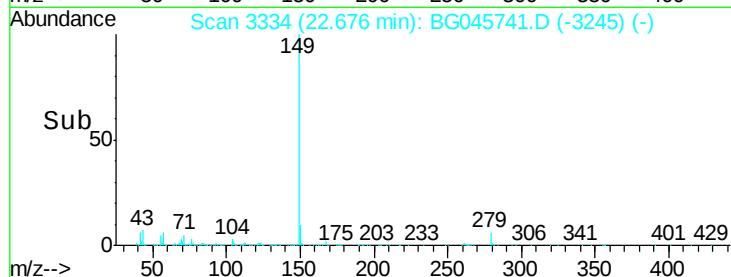
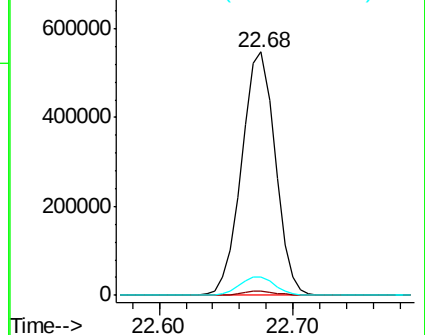
43 7.8 5.8 8.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.481 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

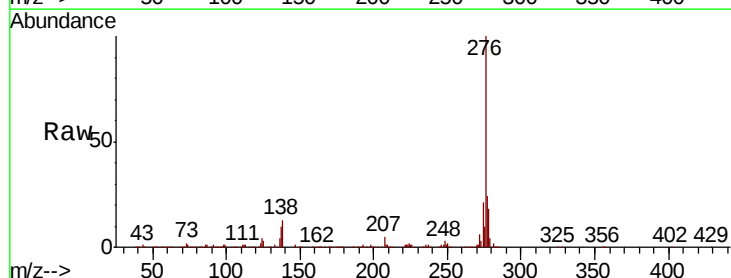
Tgt Ion:276 Resp: 1155516

Ion Ratio Lower Upper

276 100

138 15.1 8.6 12.8#

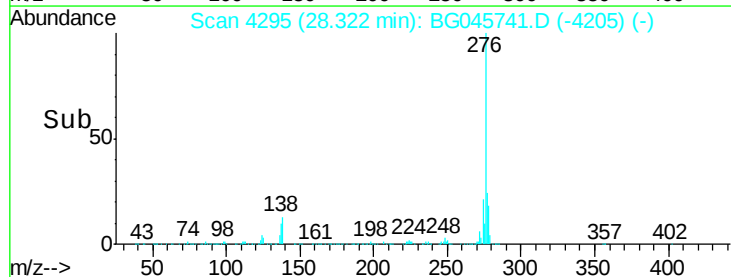
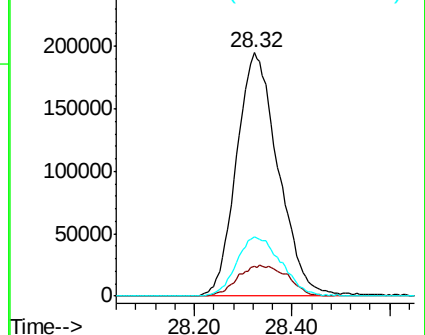
277 25.7 20.2 30.4

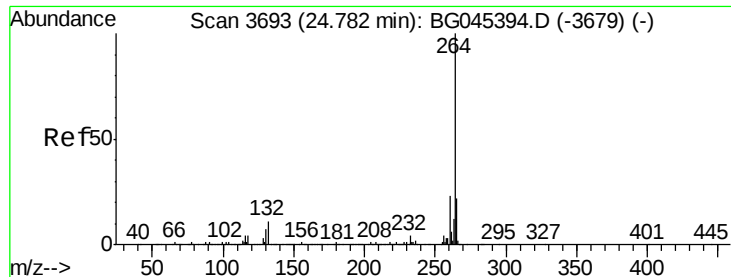


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

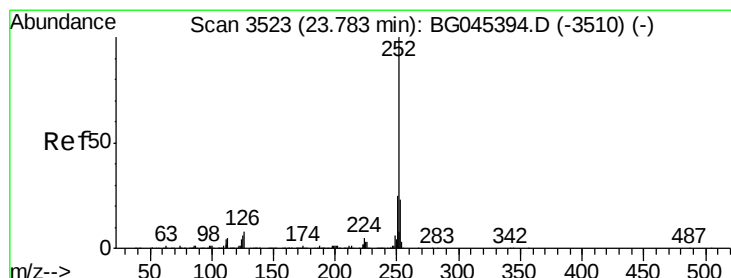
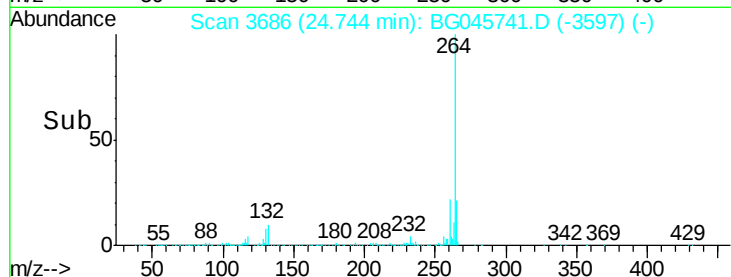
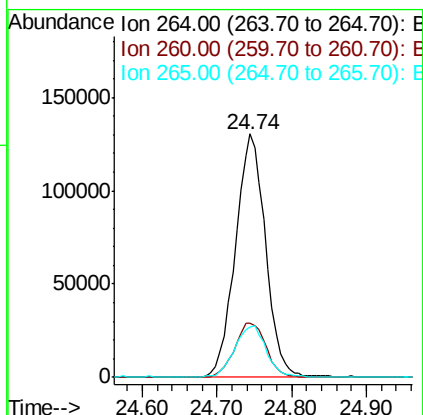
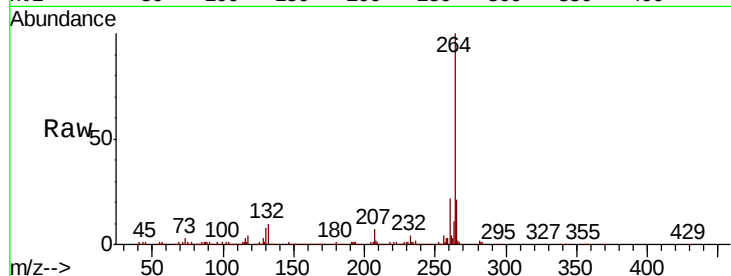




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

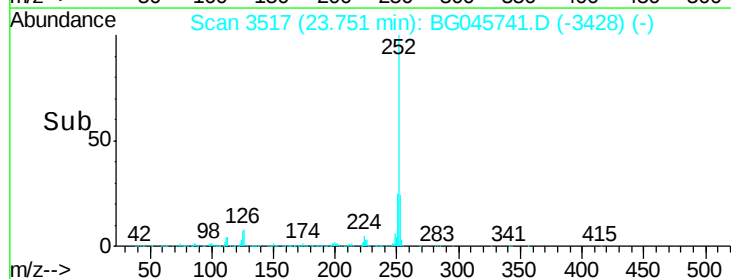
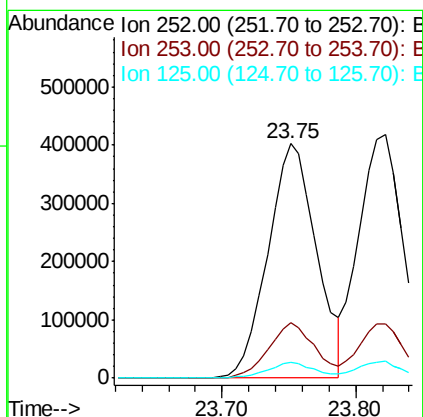
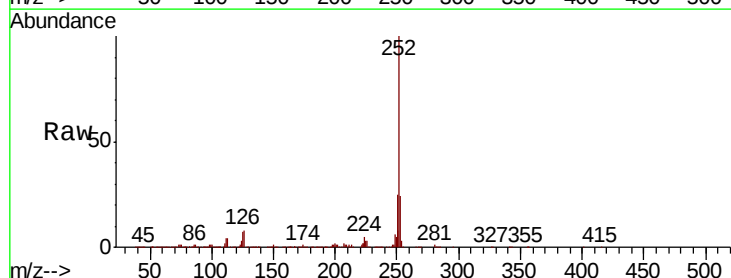
Instrument :
BNA_G
ClientSampleId :
PB129468BS

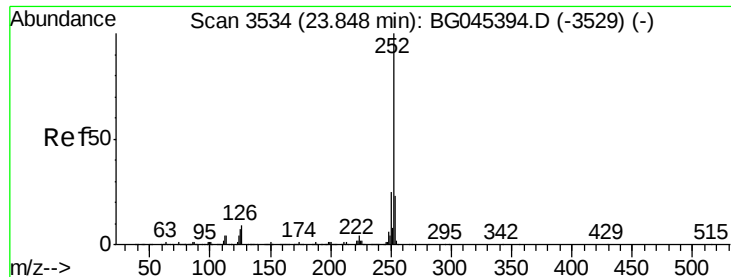
Tot Ion:264 Resp: 364973
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 20.9 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 51.914 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:252 Resp: 1016163
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 6.7 5.0 7.6

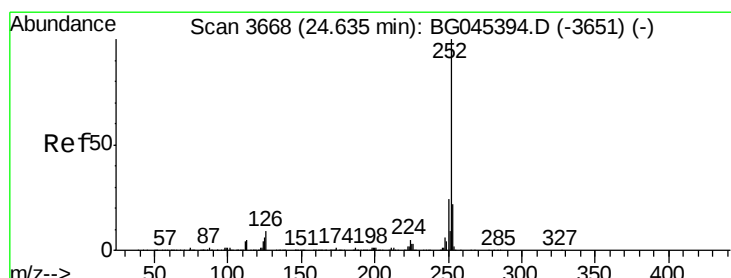
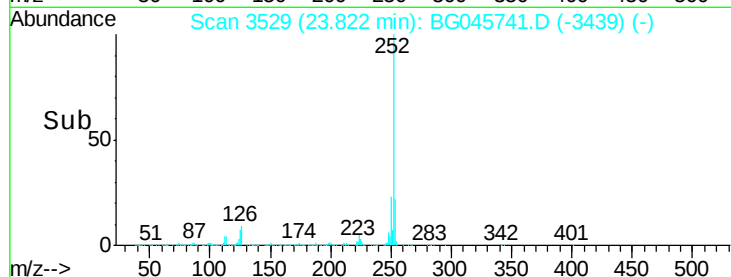
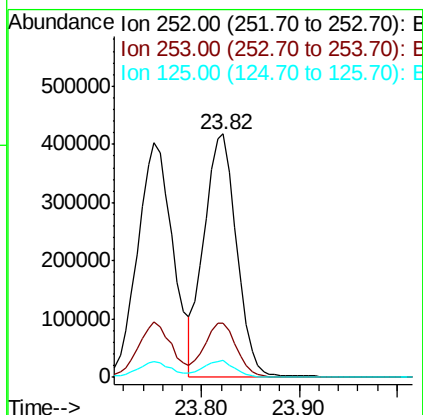
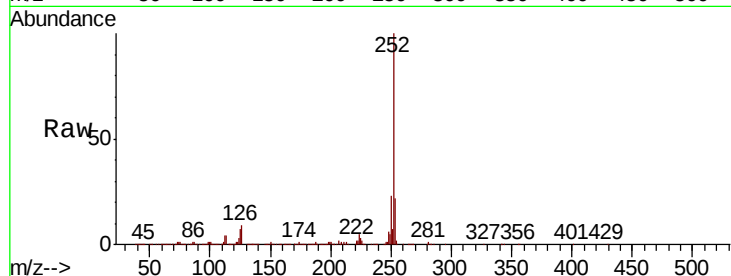




#89
Benzo(k)fluoranthene
Concen: 52.419 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

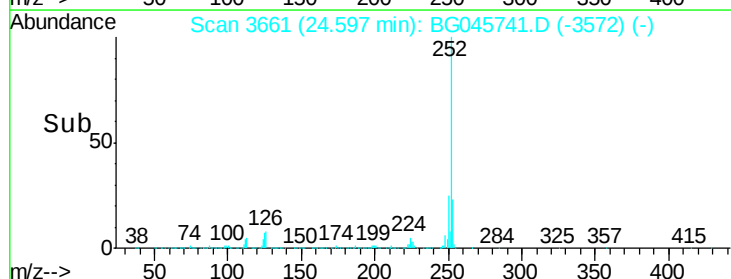
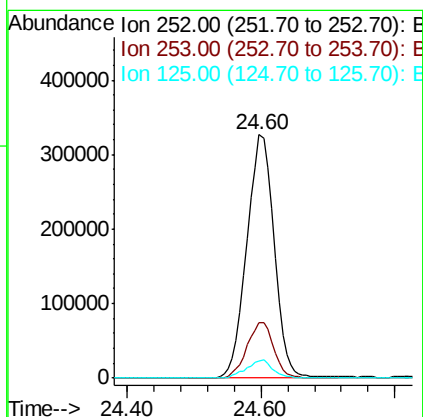
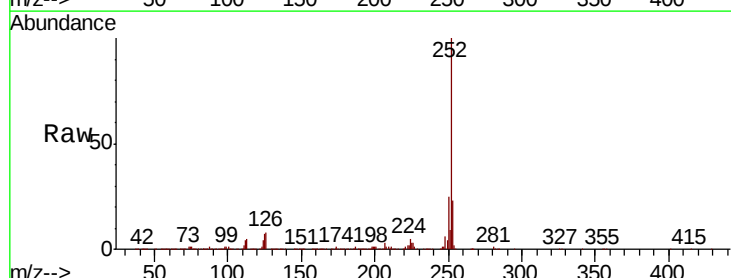
Instrument :
BNA_G
ClientSampleId :
PB129468BS

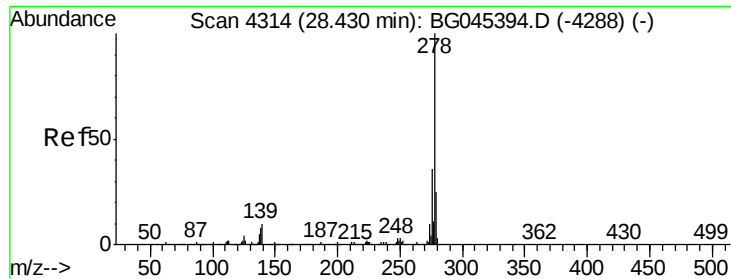
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.8	5.7	8.5



#90
Benzo(a)pyrene
Concen: 50.402 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.8	5.0	7.6

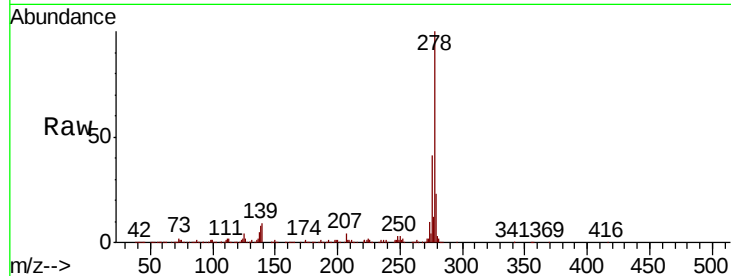




#91
Dibenzo(a,h)anthracene
Concen: 51.941 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.8	11.8
279	23.3	19.8	29.8

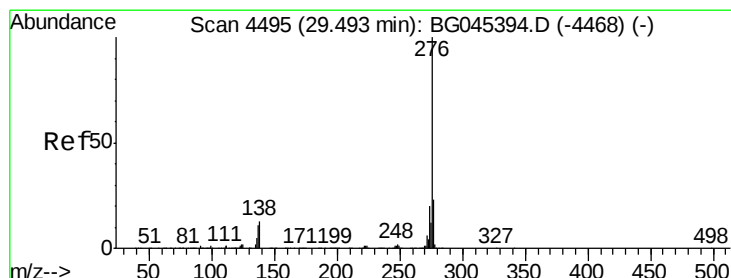
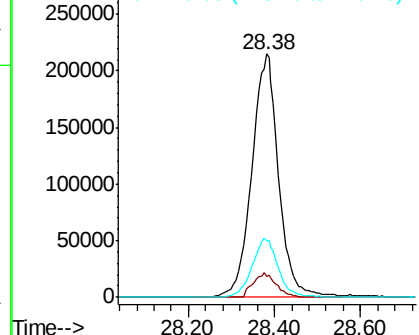
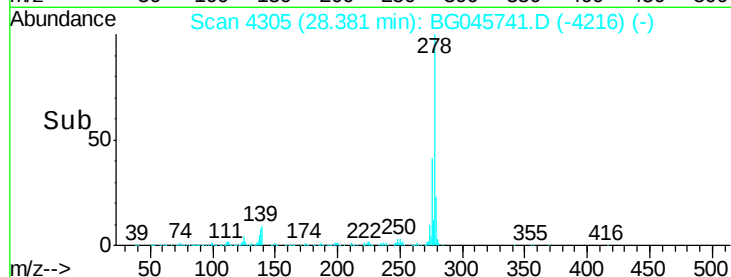


Abundance

Ion 278.00 (277.70 to 278.70): E

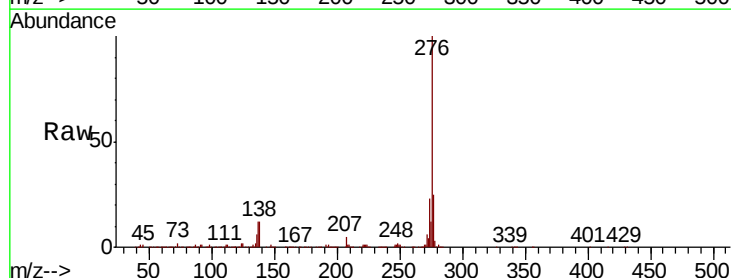
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.530 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.1	27.1
138	12.4	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

