

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045511.D
 Acq On : 29 May 2020 3:45
 Operator : CG/JU
 Sample : PB129114BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Quant Time: May 29 06:32:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	71710	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	294755	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	213303	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	481265	20.00	ng	0.00
76) Chrysene-d12	21.61	240	433006	20.00	ng	0.00
87) Perylene-d12	24.75	264	482103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	576888	157.22	ng	0.00
7) Phenol-d6	7.17	99	821089	157.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	530881	98.22	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	400682	146.88	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1237231	98.39	ng	0.00
79) Terphenyl-d14	19.97	244	1909484	102.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63772	35.047	ng	98
3) Pyridine	3.80	79	156818	30.945	ng	95
4) n-Nitrosodimethylamine	3.72	42	77014	46.442	ng	# 92
6) Aniline	7.28	93	304525	44.667	ng	98
8) 2-Chlorophenol	7.54	128	213324	53.014	ng	95
9) Benzaldehyde	7.09	77	138381	40.669	ng	95
10) Phenol	7.19	94	283243	52.622	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	191770	45.677	ng	96
12) 1,3-Dichlorobenzene	7.85	146	225469	46.627	ng	99
13) 1,4-Dichlorobenzene	7.99	146	227743	47.724	ng	96
14) 1,2-Dichlorobenzene	8.31	146	214276	46.685	ng	98
15) Benzyl Alcohol	8.21	79	215124	49.863	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	181587	45.565	ng	98
17) 2-Methylphenol	8.43	107	192541	47.791	ng	97
18) Hexachloroethane	9.04	117	85479	46.769	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	177061	49.027	ng	98
20) 3+4-Methylphenols	8.76	107	260714	47.522	ng	# 80
22) Acetophenone	8.78	105	325461	46.588	ng	# 97
24) Nitrobenzene	9.16	77	271398	46.865	ng	97
25) Isophorone	9.69	82	497384	46.725	ng	98
26) 2-Nitrophenol	9.87	139	125364	50.604	ng	92
27) 2,4-Dimethylphenol	9.96	122	203117	55.280	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	269170	48.216	ng	96
29) 2,4-Dichlorophenol	10.43	162	230231	53.062	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	250371	48.834	ng	99
31) Naphthalene	10.81	128	668141	48.644	ng	99
32) Benzoic acid	10.15	122	133637	52.333	ng	93
33) 4-Chloroaniline	10.92	127	233167	40.611	ng	96
34) Hexachlorobutadiene	11.11	225	168624	46.528	ng	98
35) Caprolactam	11.69	113	41740	26.209	ng	# 82
36) 4-Chloro-3-methylphenol	12.08	107	258498	52.871	ng	97
37) 2-Methylnaphthalene	12.42	142	514139	50.221	ng	98
38) 1-Methylnaphthalene	12.65	142	485973	50.253	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	297447	49.925	ng	99

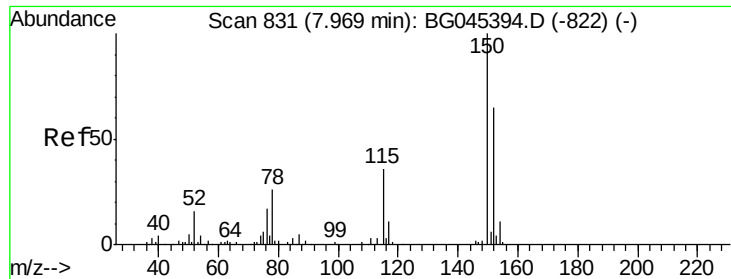
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	285232	82.946	ng	98
43) 2,4,6-Trichlorophenol	13.05	196	206635	49.927	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	217748	46.041	ng	98
46) 1,1'-Biphenyl	13.43	154	656805	50.113	ng	99
47) 2-Chloronaphthalene	13.47	162	505604	47.506	ng	99
48) 2-Nitroaniline	13.68	65	163671	46.751	ng	95
49) Acenaphthylene	14.32	152	841360	49.216	ng	99
50) Dimethylphthalate	14.06	163	681159	46.551	ng	98
51) 2,6-Dinitrotoluene	14.17	165	155771	47.177	ng	96
52) Acenaphthene	14.67	154	503215	43.975	ng	97
53) 3-Nitroaniline	14.51	138	126121	37.576	ng	98
54) 2,4-Dinitrophenol	14.72	184	172727	79.868	ng	92
55) Dibenzofuran	15.00	168	816277	48.035	ng	97
56) 4-Nitrophenol	14.87	139	232315	91.421	ng	95
57) 2,4-Dinitrotoluene	14.97	165	222500	46.530	ng	# 95
58) Fluorene	15.65	166	665333	47.657	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	198448	47.694	ng	98
60) Diethylphthalate	15.42	149	698136	45.840	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	373389	46.738	ng	98
62) 4-Nitroaniline	15.68	138	149166	42.570	ng	98
63) Azobenzene	15.94	77	671038	47.253	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133685	47.696	ng	95
66) n-Nitrosodiphenylamine	15.86	169	596619	51.632	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	262977	50.463	ng	94
68) Hexachlorobenzene	16.66	284	279504	51.279	ng	99
69) Atrazine	16.81	200	223318	46.921	ng	98
70) Pentachlorophenol	17.01	266	284978	100.693	ng	97
71) Phenanthrene	17.39	178	1048748	49.917	ng	98
72) Anthracene	17.48	178	1067261	50.584	ng	98
73) Carbazole	17.76	167	959649	46.661	ng	99
74) Di-n-butylphthalate	18.31	149	1144893	46.381	ng	98
75) Fluoranthene	19.40	202	1259676	47.138	ng	99
77) Benzidine	19.58	184	799125	65.711	ng	99
78) Pyrene	19.77	202	1243082	50.362	ng	99
80) Butylbenzylphthalate	20.65	149	507343	47.620	ng	100
81) Benzo(a)anthracene	21.59	228	1210186	50.171	ng	97
82) 3,3'-Dichlorobenzidine	21.50	252	416013	43.967	ng	97
83) Chrysene	21.65	228	1152638	49.696	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	709659	48.456	ng	98
85) Di-n-octyl phthalate	22.69	149	1216245	48.353	ng	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1528478	50.395	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1312480	50.762	ng	99
89) Benzo(k)fluoranthene	23.83	252	1225708	50.459	ng	99
90) Benzo(a)pyrene	24.61	252	1194465	49.604	ng	# 98
91) Dibenzo(a,h)anthracene	28.40	278	1240311	51.256	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1272206	52.568	ng	98

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

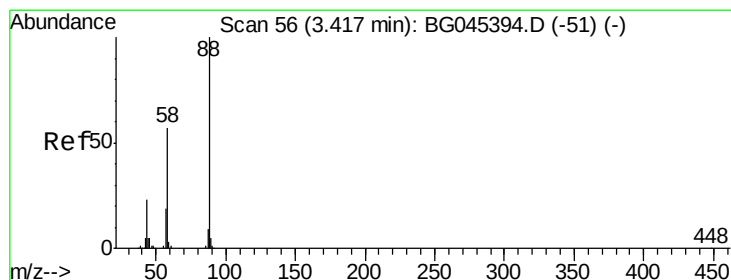
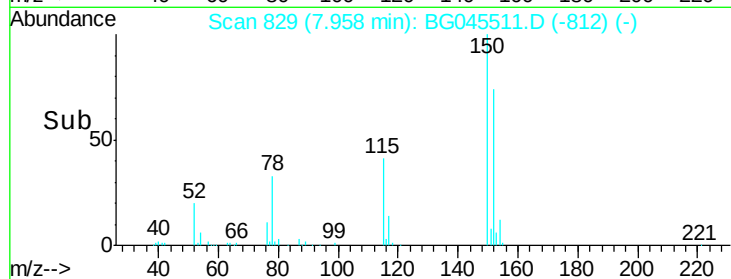
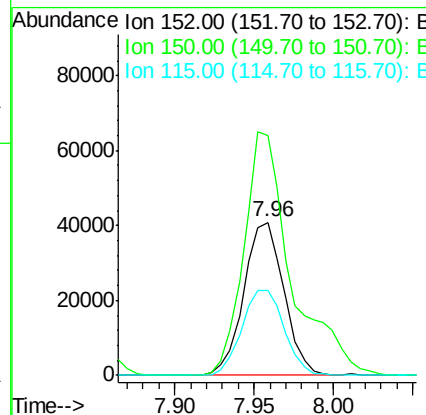
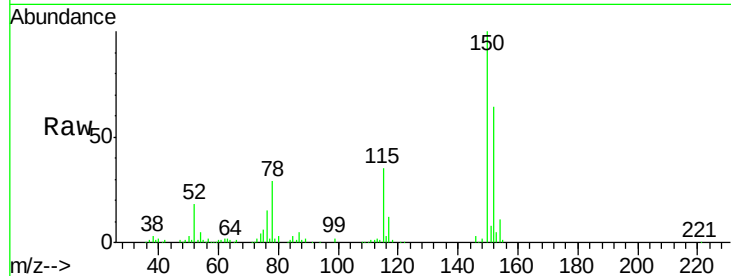


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

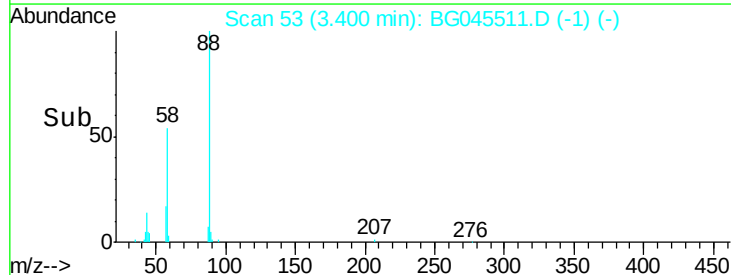
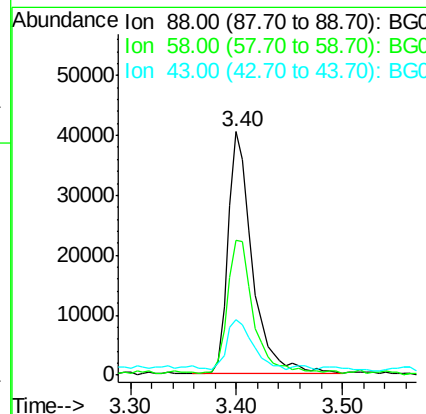
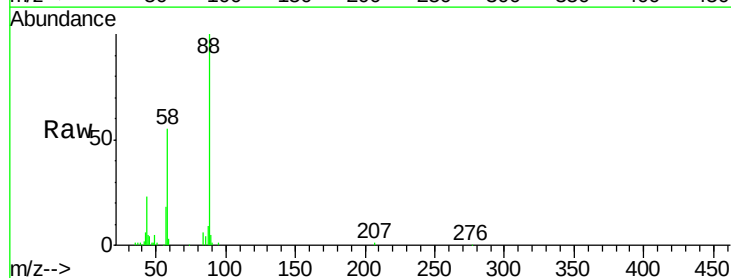
Tot Ion:152 Resp: 71710
Ion Ratio Lower Upper
152 100
150 157.0 122.4 183.6
115 55.3 44.2 66.4

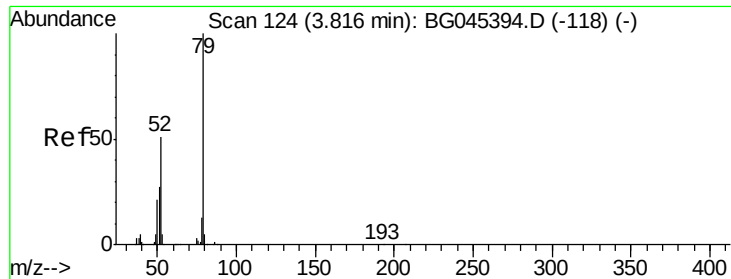


#2

1,4-Dioxane
Concen: 35.047 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion: 88 Resp: 63772
Ion Ratio Lower Upper
88 100
58 59.1 45.7 68.5
43 21.4 16.8 25.2





#3

Pvridine

Concen: 30.945 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

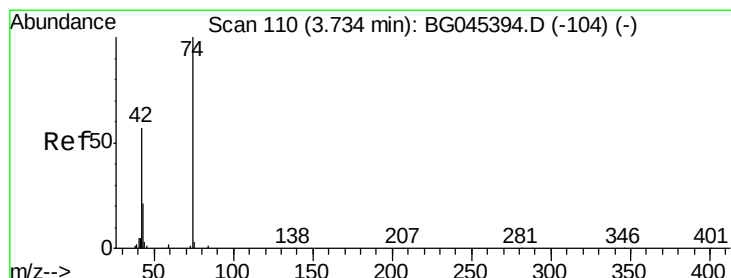
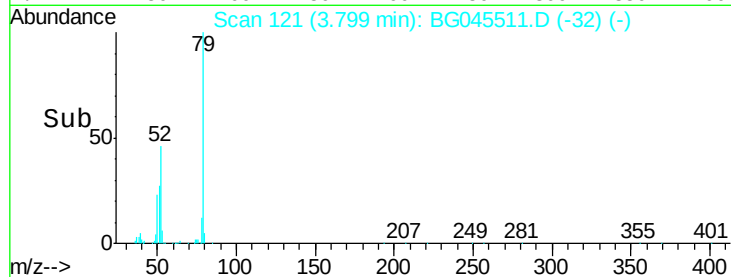
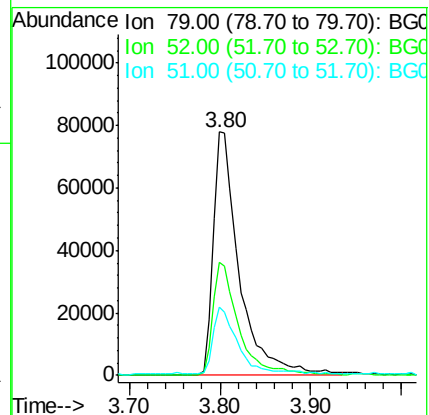
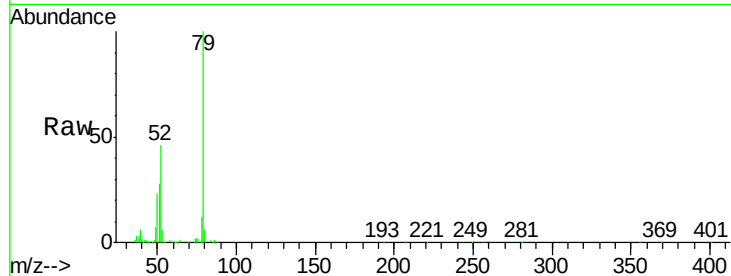
Tot Ion: 79 Resp: 156818

Ion Ratio Lower Upper

79 100

52 46.2 40.8 61.2

51 28.3 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 46.442 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

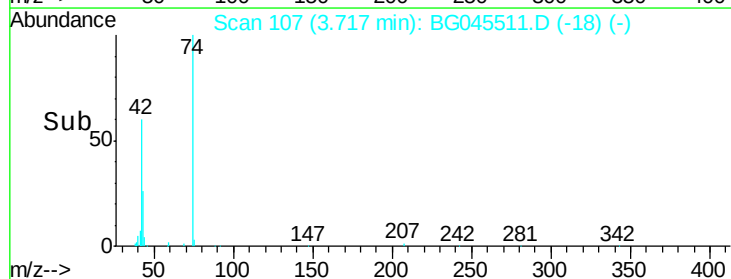
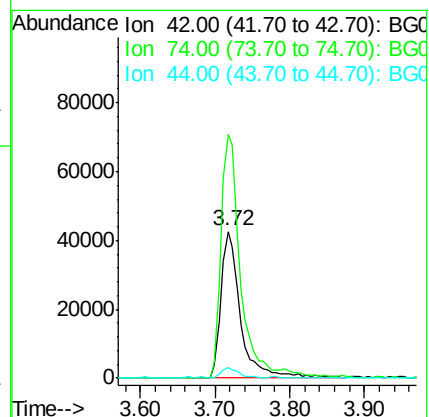
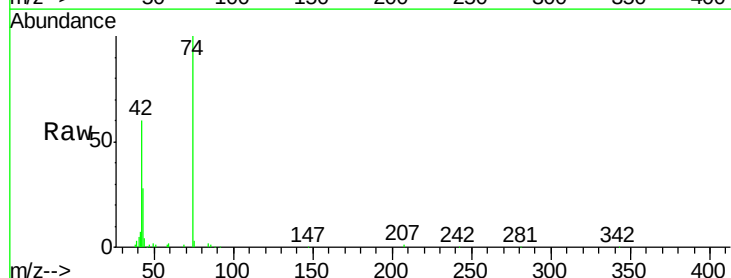
Tgt Ion: 42 Resp: 77014

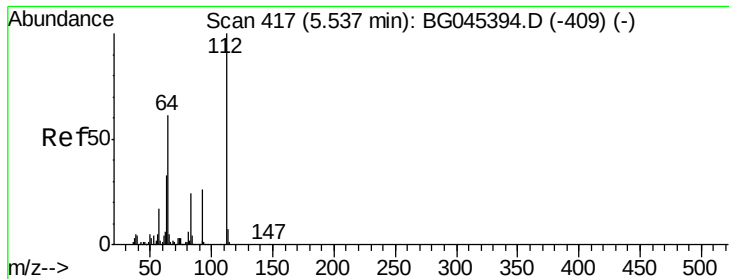
Ion Ratio Lower Upper

42 100

74 165.8 141.3 211.9

44 7.3 4.2 6.4#





#5

2-Fluorophenol

Concen: 157.218 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

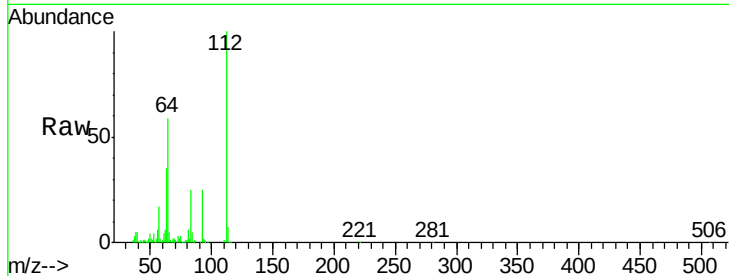
Tot Ion:112 Resp: 576888

Ion Ratio Lower Upper

112 100

64 58.9 48.6 72.8

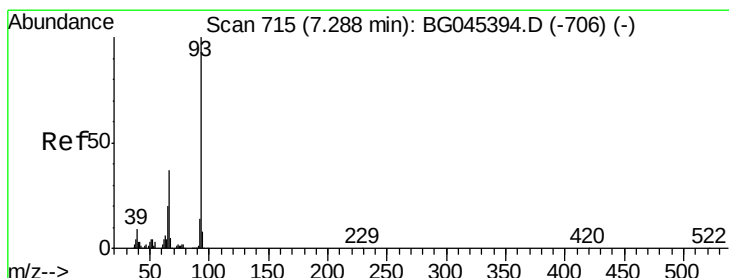
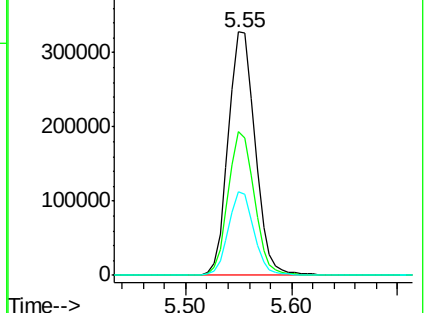
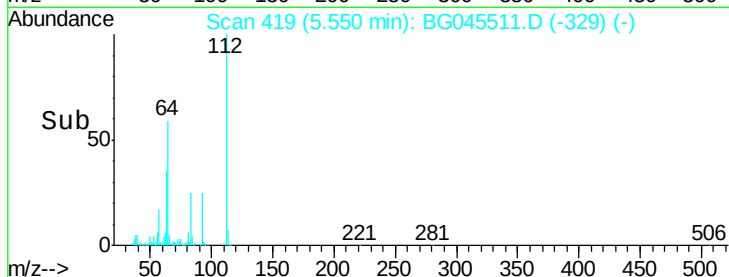
63 34.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 44.667 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

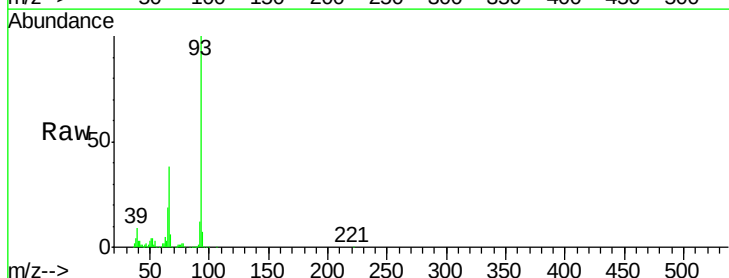
Tgt Ion: 93 Resp: 304525

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

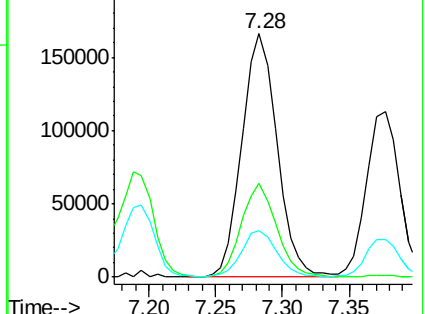
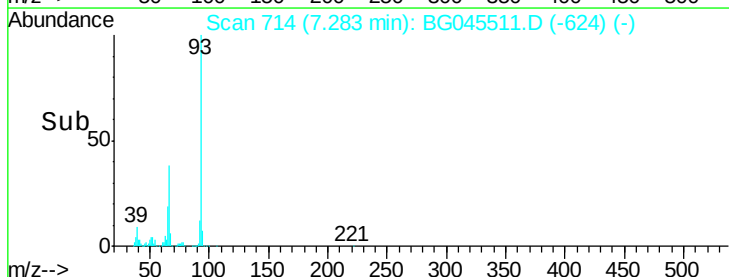
65 18.9 15.9 23.9

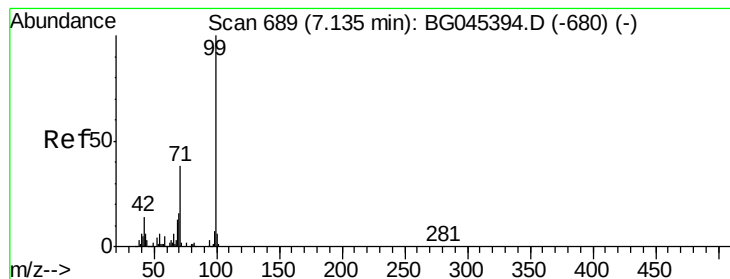


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.219 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

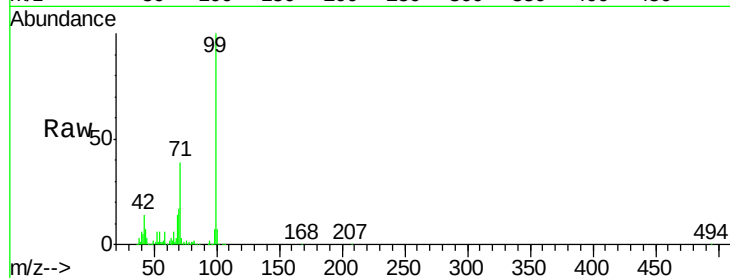
Tot Ion: 99 Resp: 821089

Ion Ratio Lower Upper

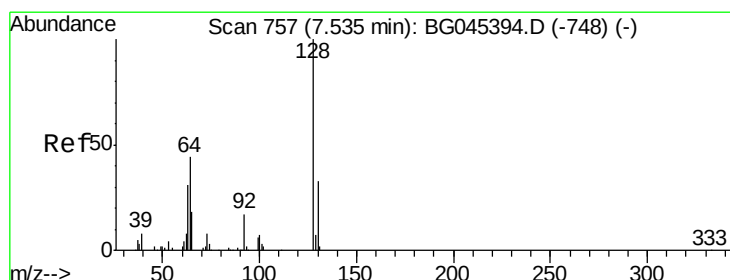
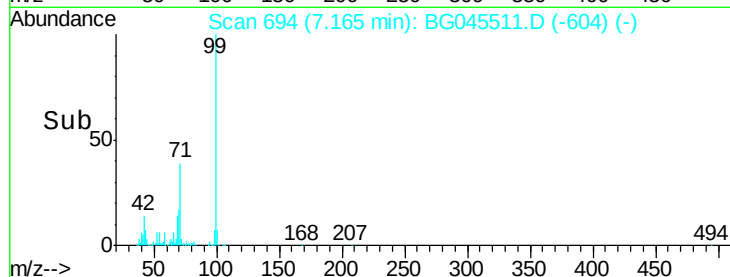
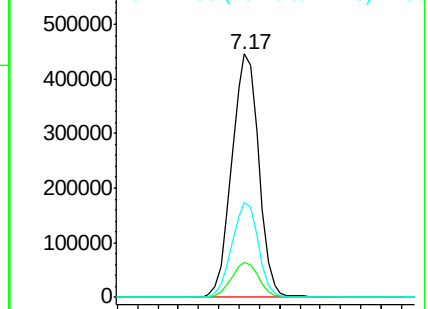
99 100

42 14.2 11.3 16.9

71 39.1 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: 53.014 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

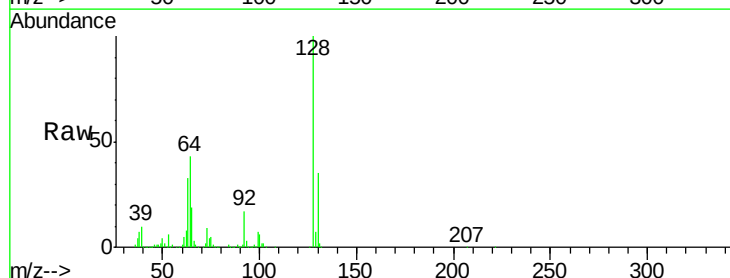
Tgt Ion: 128 Resp: 213324

Ion Ratio Lower Upper

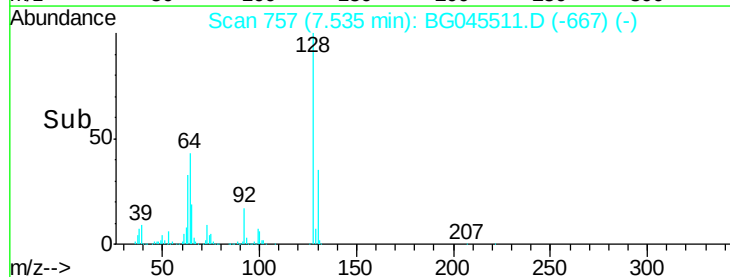
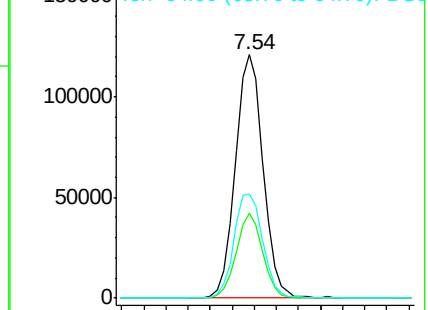
128 100

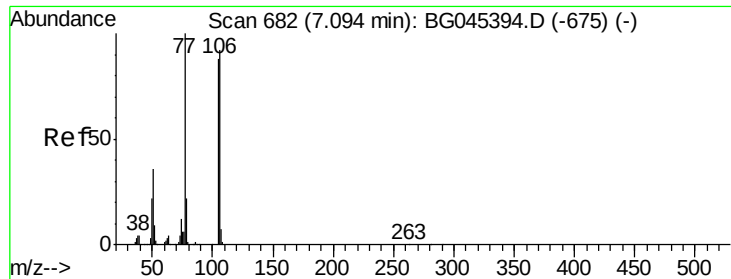
130 34.6 12.6 52.6

64 42.8 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: 40.669 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

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PB129114BS

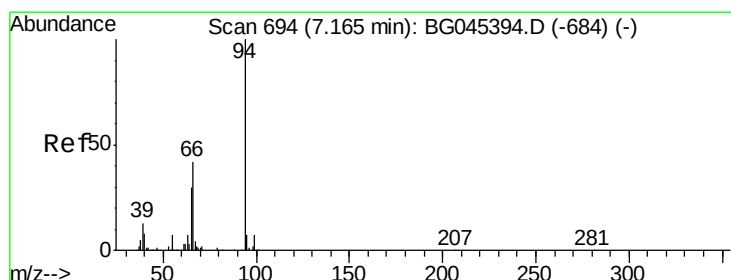
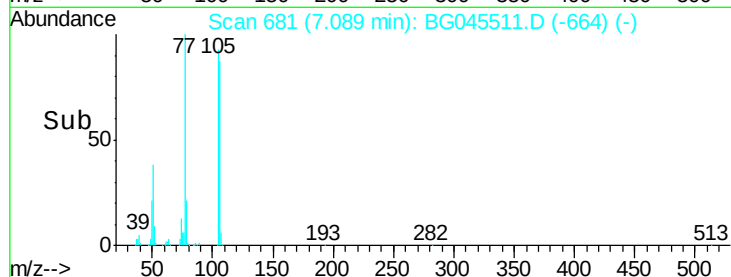
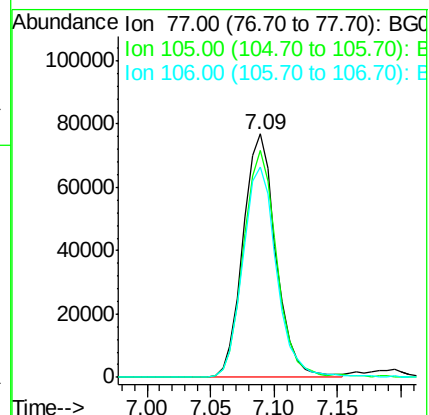
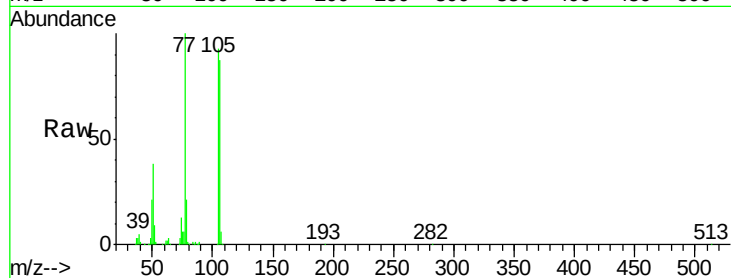
Tot Ion: 77 Resp: 138381

Ion Ratio Lower Upper

77 100

105 93.0 68.5 108.5

106 86.6 71.6 111.6



#10

Phenol

Concen: 52.622 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

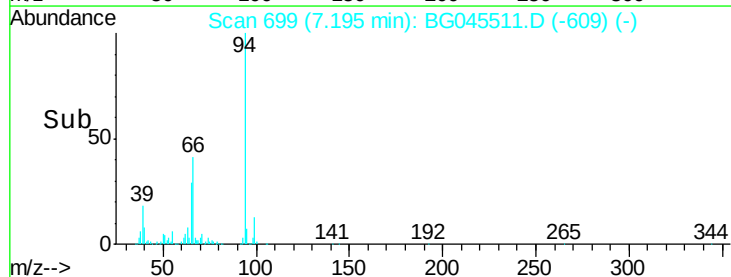
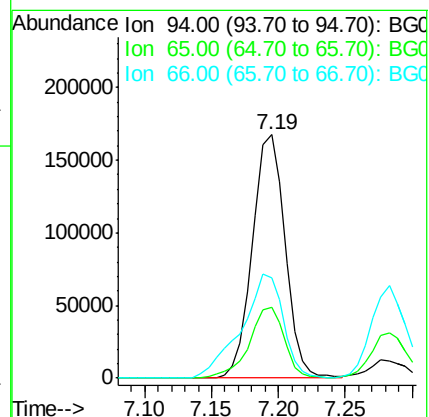
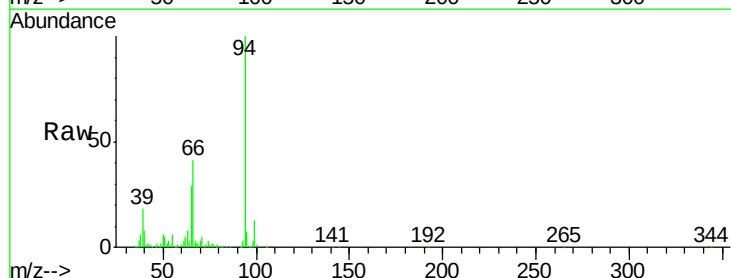
Tgt Ion: 94 Resp: 283243

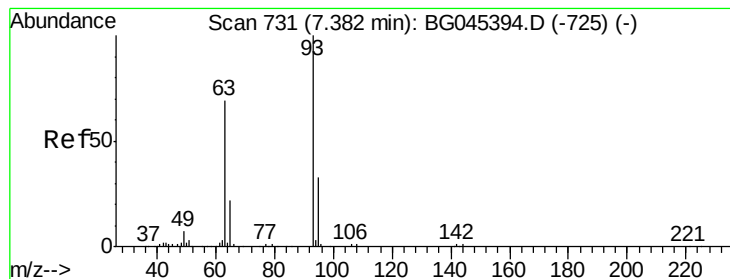
Ion Ratio Lower Upper

94 100

65 29.2 9.8 49.8

66 41.3 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 45.677 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

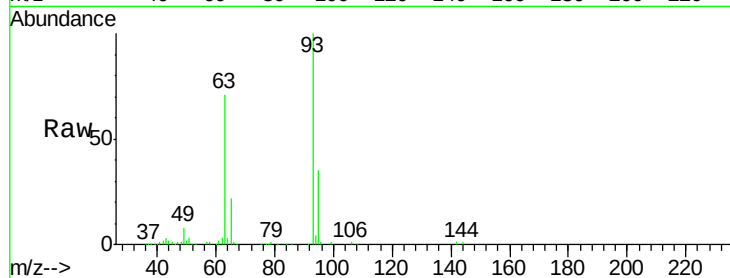
Tot Ion: 93 Resp: 191770

Ion Ratio Lower Upper

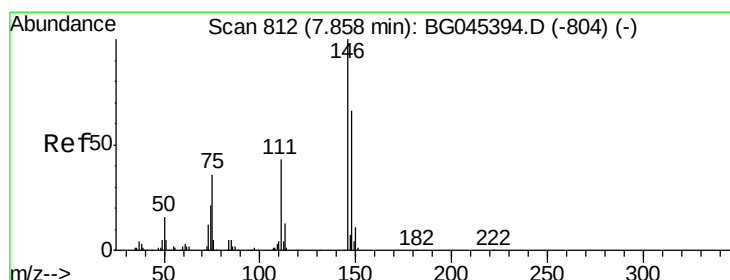
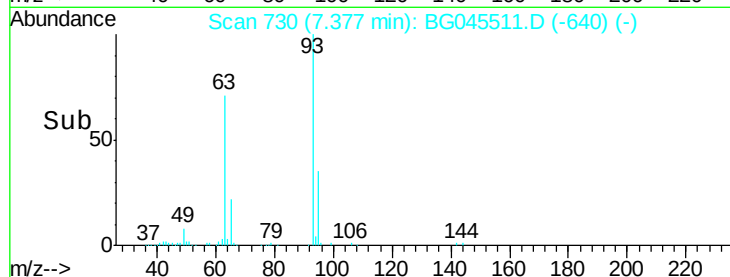
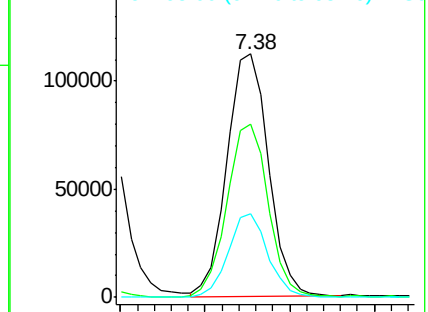
93 100

63 71.4 48.4 88.4

95 34.6 12.4 52.4



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



#12

1,3-Dichlorobenzene

Concen: 46.627 ng

RT: 7.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

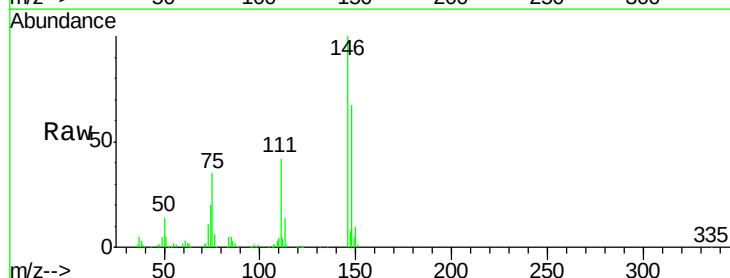
Tgt Ion: 146 Resp: 225469

Ion Ratio Lower Upper

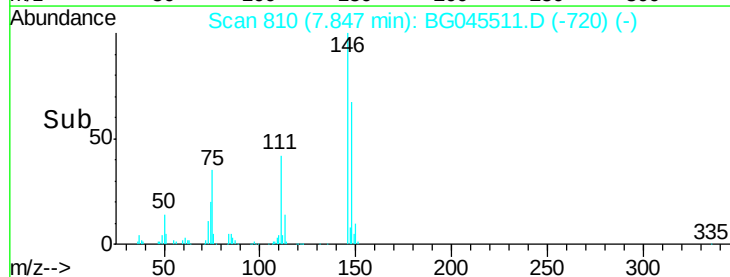
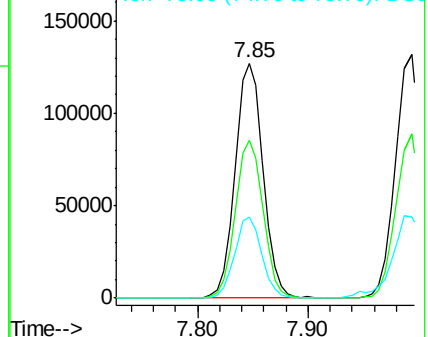
146 100

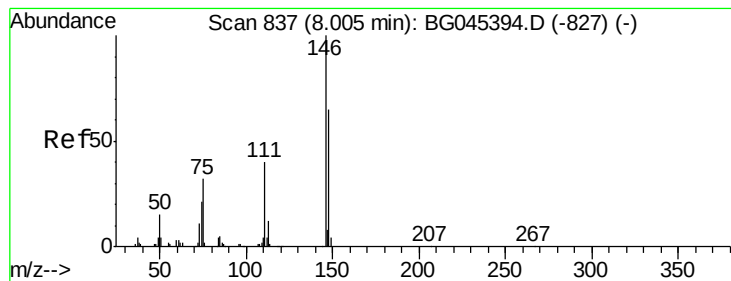
148 67.2 53.2 79.8

75 34.7 28.6 43.0



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





#13

1,4-Dichlorobenzene

Concen: 47.724 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

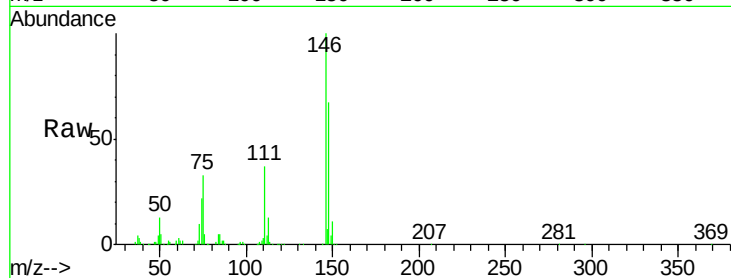
Tot Ion:146 Resp: 227743

Ion Ratio Lower Upper

146 100

148 67.3 51.8 77.8

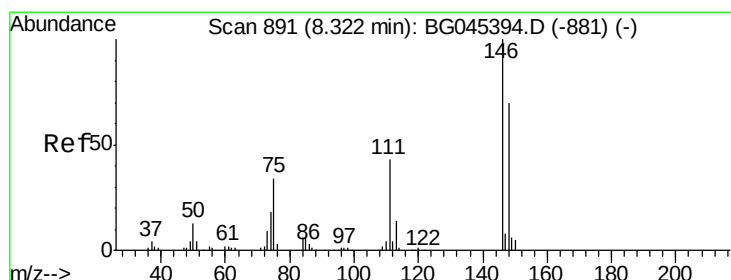
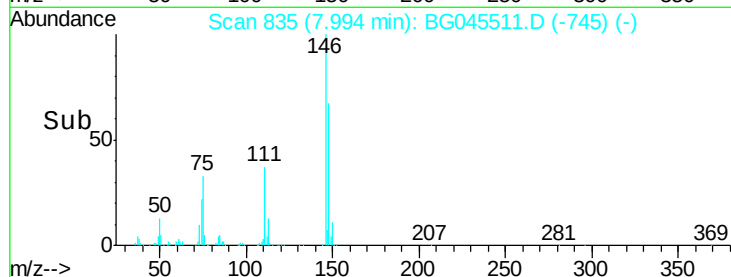
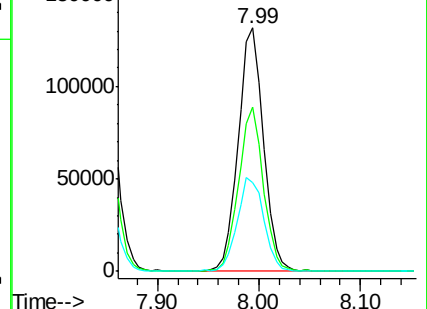
111 36.6 32.1 48.1



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: 46.685 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

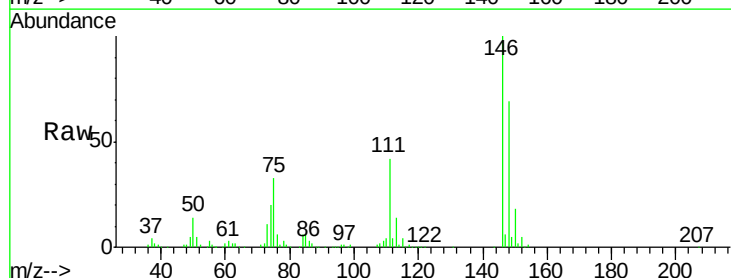
Tgt Ion:146 Resp: 214276

Ion Ratio Lower Upper

146 100

148 68.9 55.9 83.9

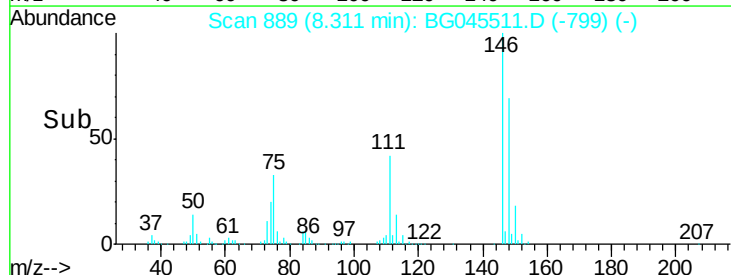
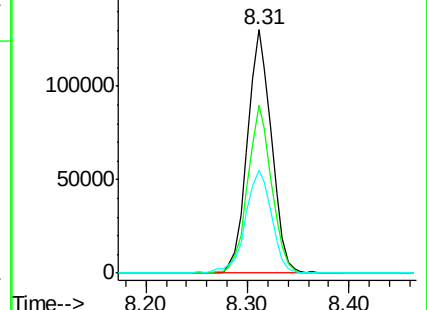
111 42.4 35.0 52.4

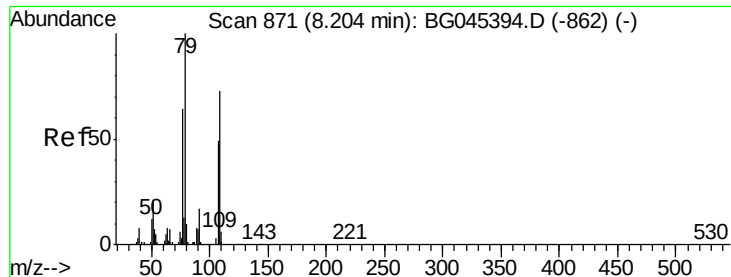


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.863 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

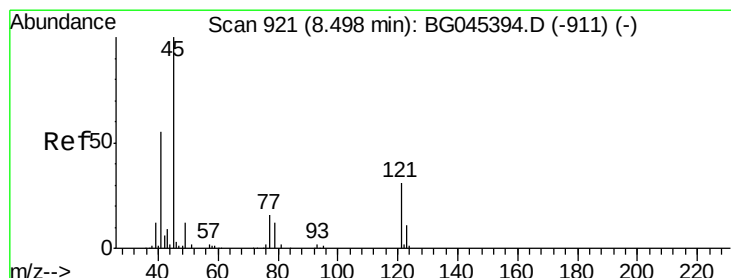
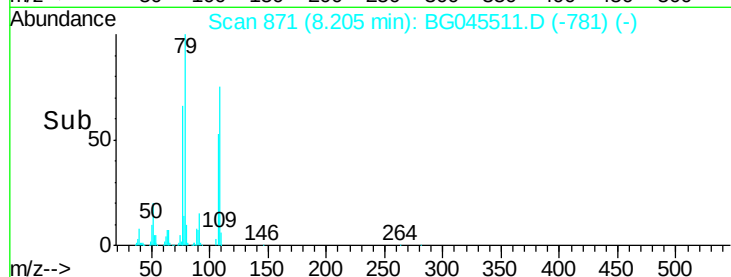
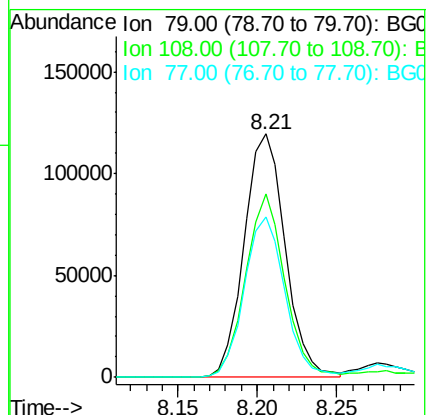
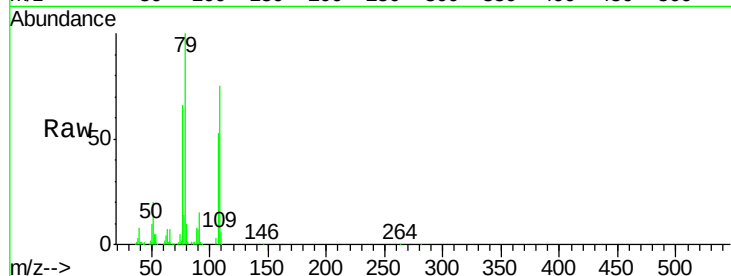
Tot Ion: 79 Resp: 215124

Ion Ratio Lower Upper

79 100

108 75.5 58.2 87.4

77 65.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.565 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

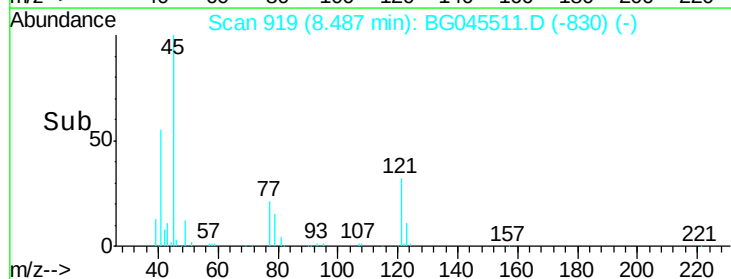
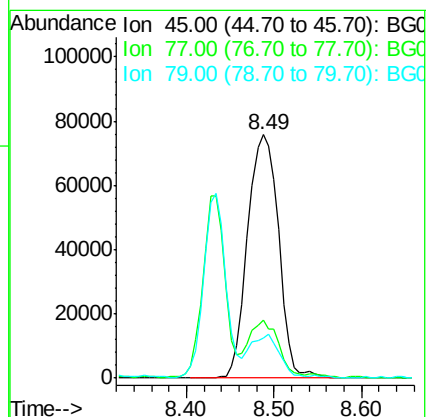
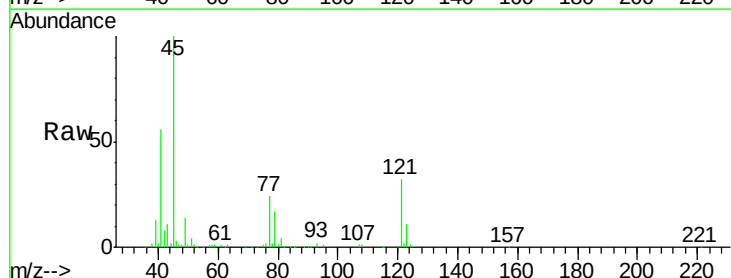
Tgt Ion: 45 Resp: 181587

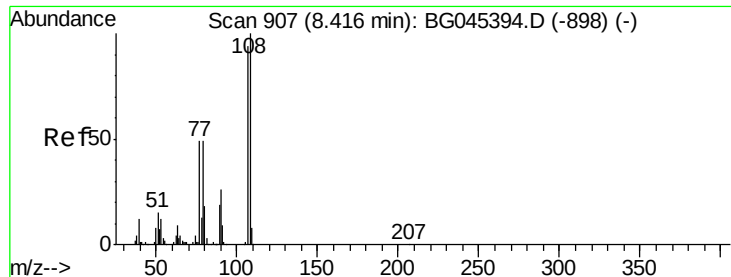
Ion Ratio Lower Upper

45 100

77 23.8 4.0 44.0

79 16.5 0.0 38.6





#17

2-Methylphenol

Concen: 47.791 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tot Ion:107 Resp: 192541

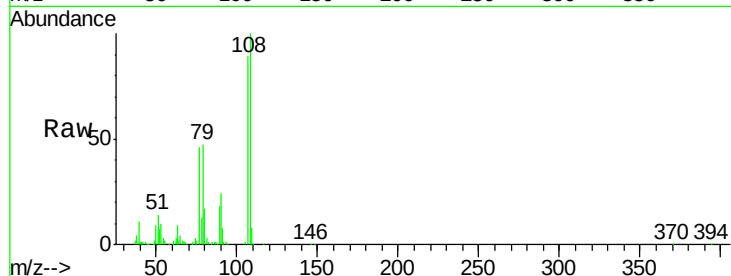
Ion Ratio Lower Upper

107 100

108 112.6 85.2 127.8

77 51.5 41.6 62.4

79 52.5 41.8 62.8

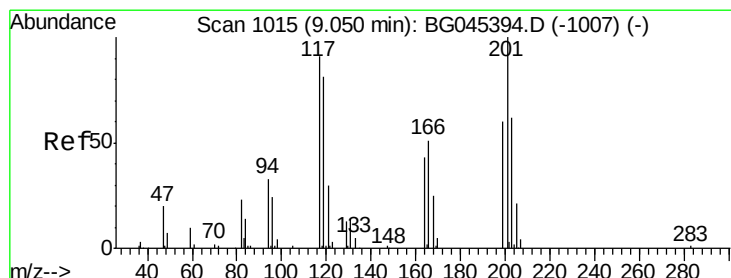
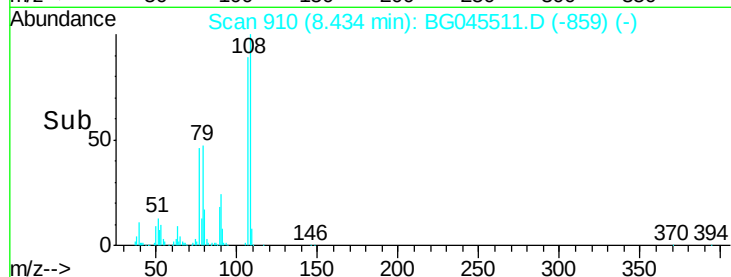
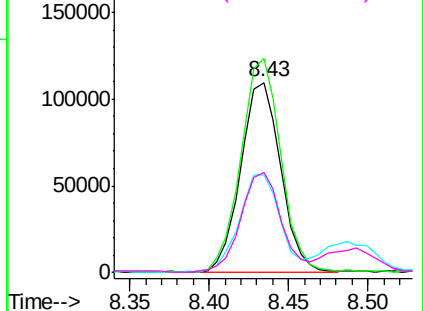


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.769 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

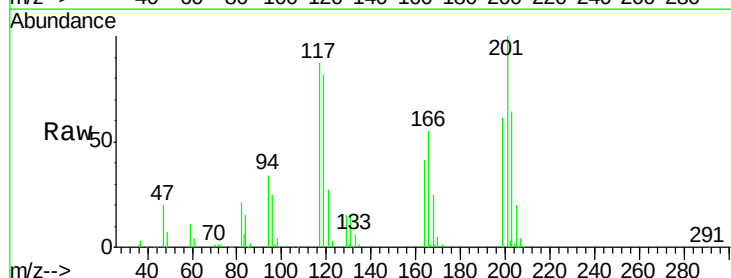
Tgt Ion:117 Resp: 85479

Ion Ratio Lower Upper

117 100

119 94.6 71.3 106.9

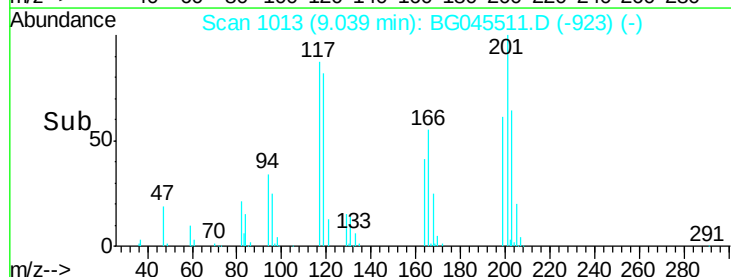
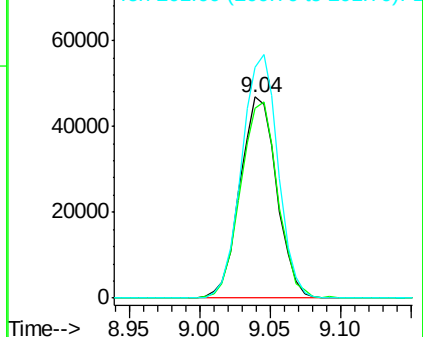
201 114.7 87.5 131.3

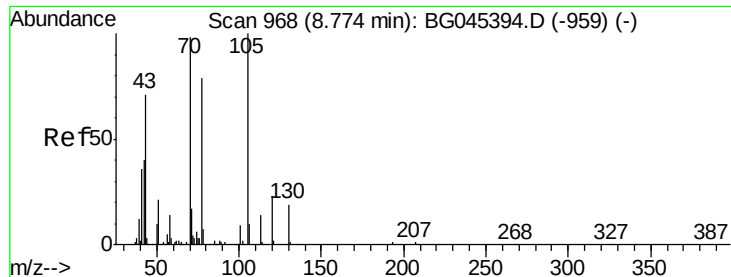


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

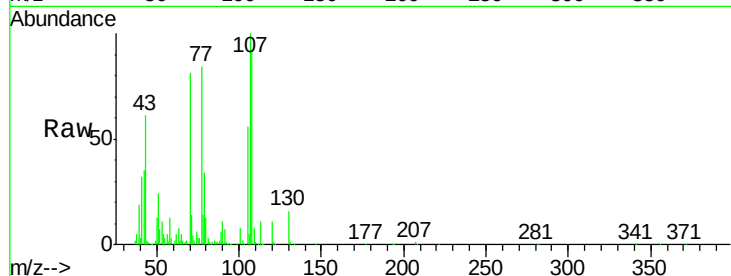




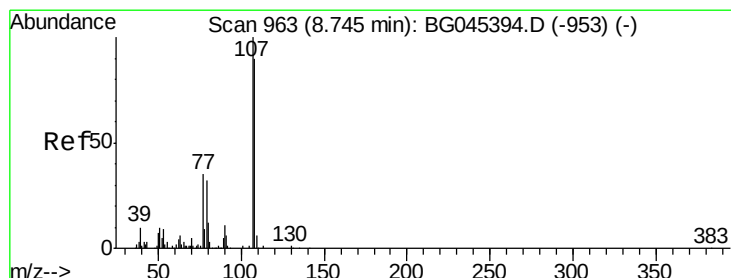
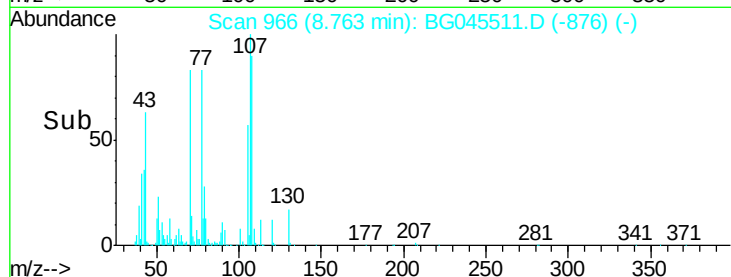
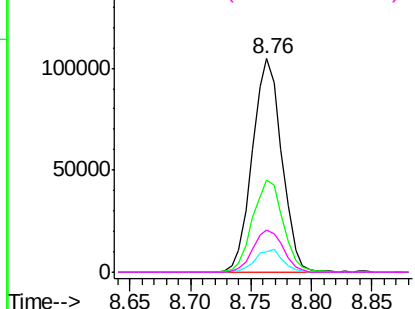
#19
n-Nitroso-di-n-propylamine
Concen: 49.027 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion: 70 Resp: 177061
Ion Ratio Lower Upper
70 100
42 43.0 33.2 49.8
101 9.7 7.8 11.6
130 20.0 15.4 23.2

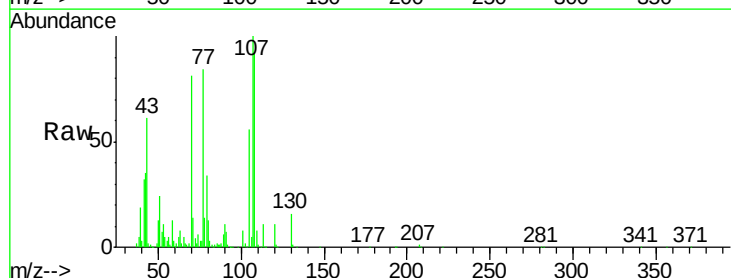


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

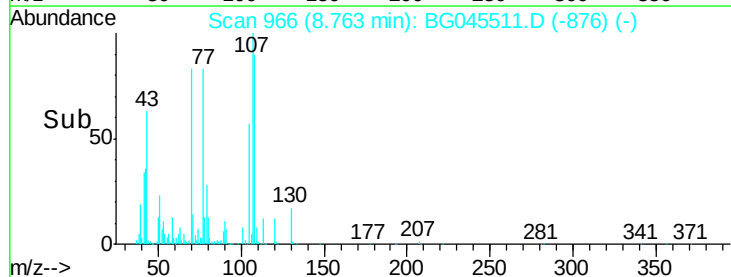
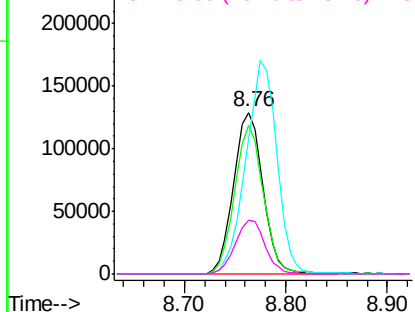


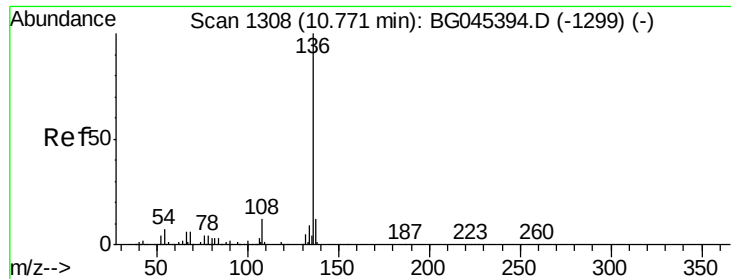
#20
3+4-Methylphenols
Concen: 47.522 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion: 107 Resp: 260714
Ion Ratio Lower Upper
107 100
108 91.8 70.3 110.3
77 84.1 15.4 55.4#
79 33.5 12.6 52.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

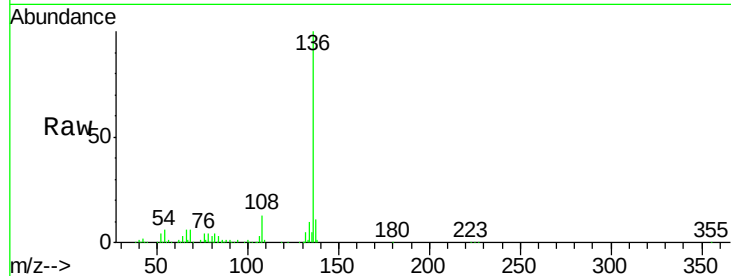




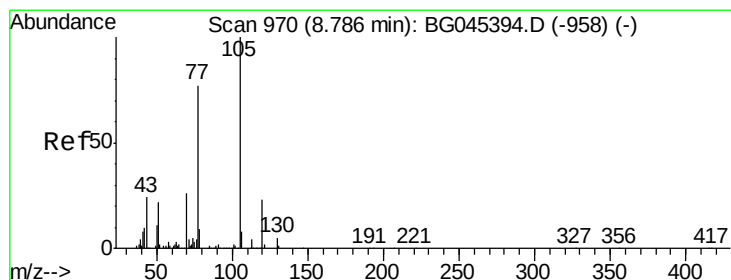
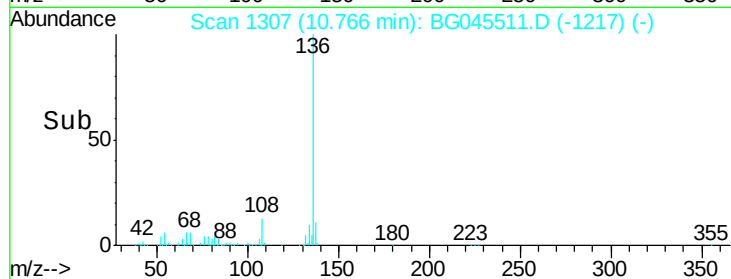
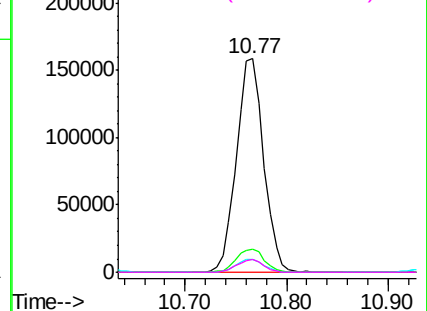
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:136	Resp:	294755
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.4 14.2
54	5.8	5.8 8.6
68	5.8	4.5 6.7

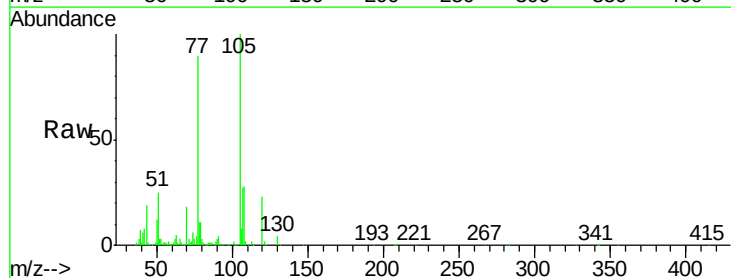


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

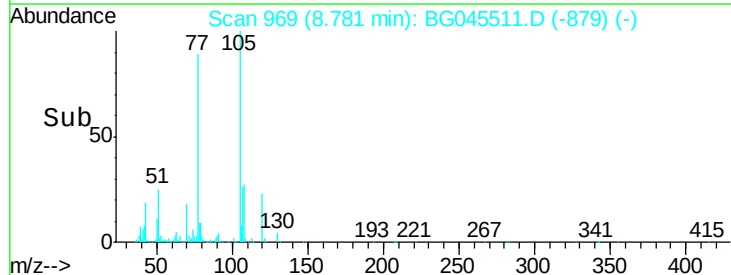
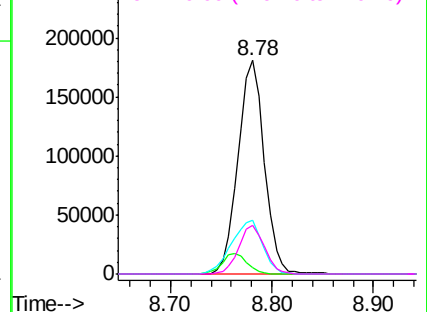


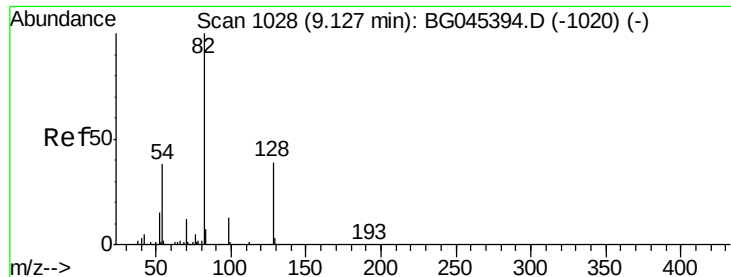
#22
Acetophenone
Concen: 46.588 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:105	Resp:	325461
Ion Ratio	Lower	Upper
105	100	
71	3.0	3.4 5.0#
51	25.3	18.2 27.2
120	22.6	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

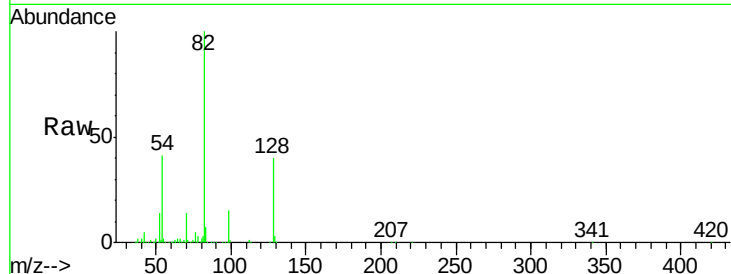




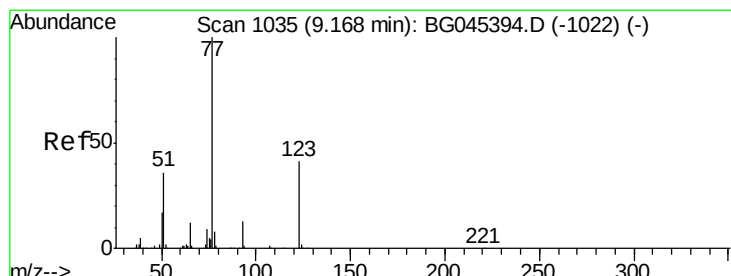
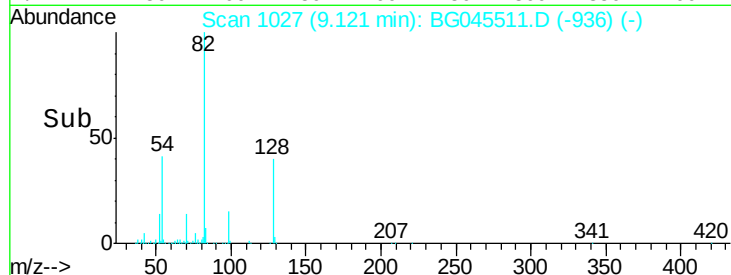
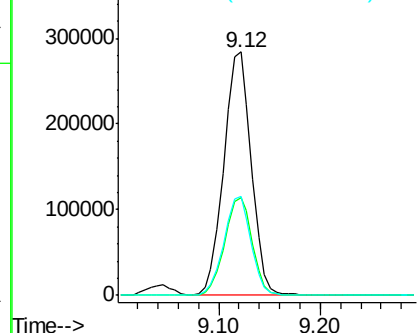
#23
 Nitrobenzene-d5
 Concen: 98.216 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion: 82 Resp: 530881
 Ion Ratio Lower Upper
 82 100
 128 40.2 30.9 46.3
 54 40.7 30.3 45.5

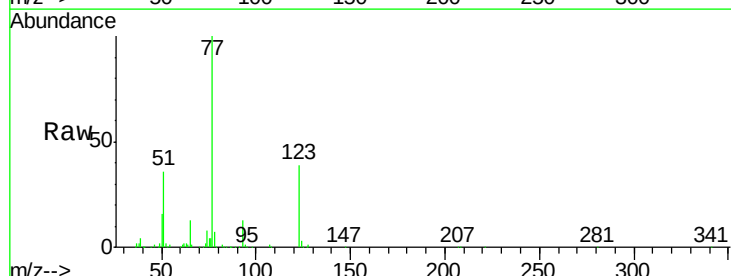


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

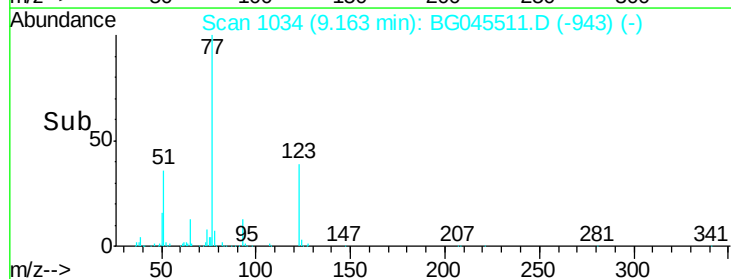
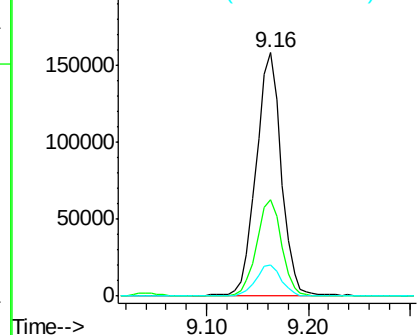


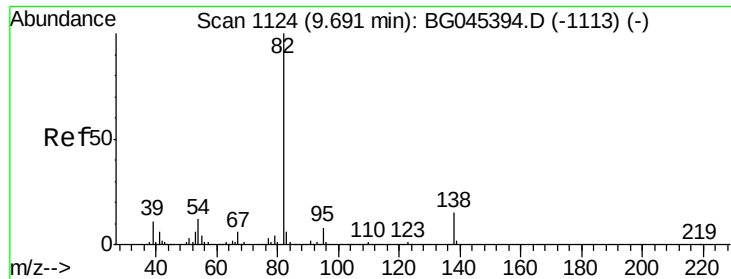
#24
 Nitrobenzene
 Concen: 46.865 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion: 77 Resp: 271398
 Ion Ratio Lower Upper
 77 100
 123 39.4 32.9 49.3
 65 12.7 9.4 14.2



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





#25

Isophorone

Concen: 46.725 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

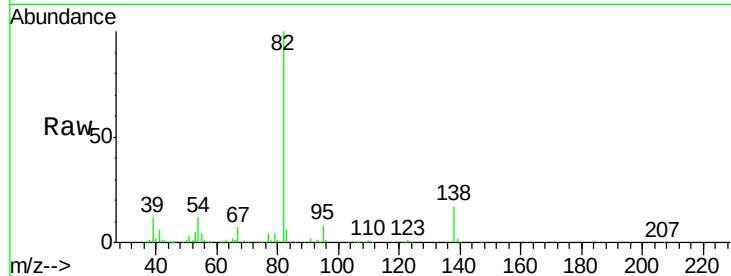
Tot Ion: 82 Resp: 497384

Ion Ratio Lower Upper

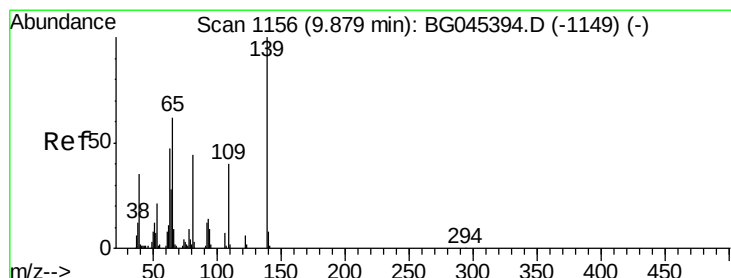
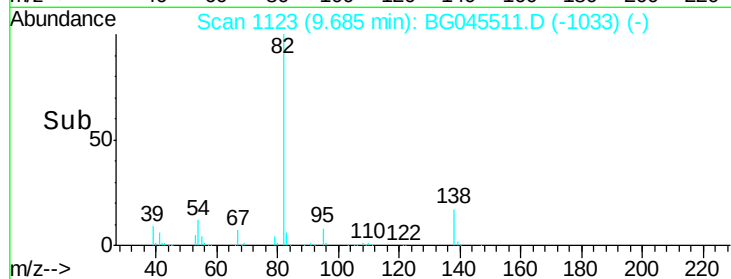
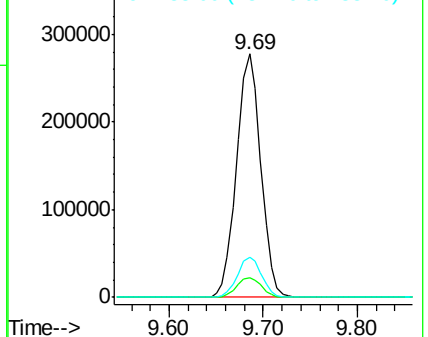
82 100

95 8.1 6.7 10.1

138 16.7 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: 50.604 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

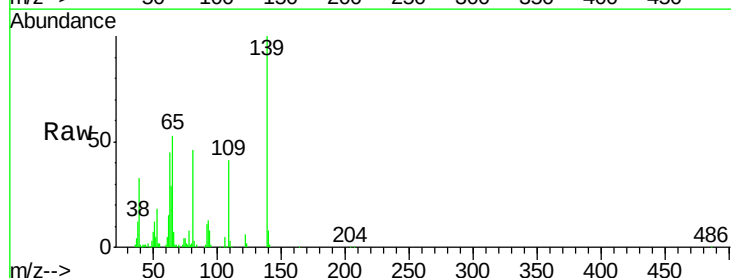
Tgt Ion: 139 Resp: 125364

Ion Ratio Lower Upper

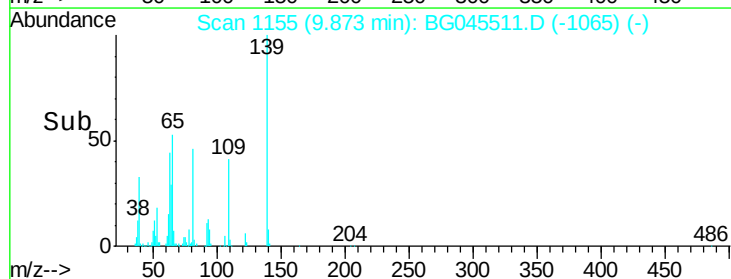
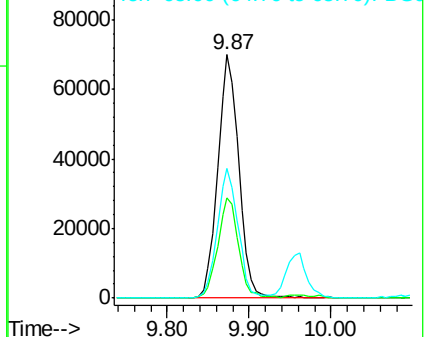
139 100

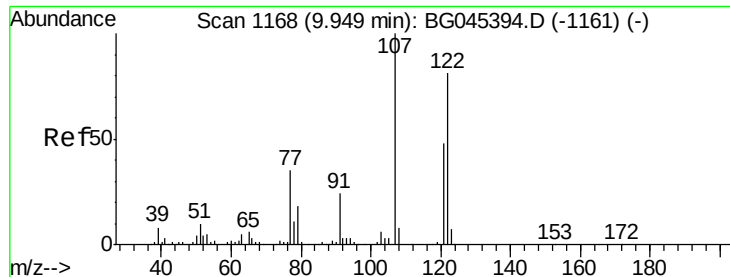
109 41.2 32.2 48.4

65 53.1 49.6 74.4



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

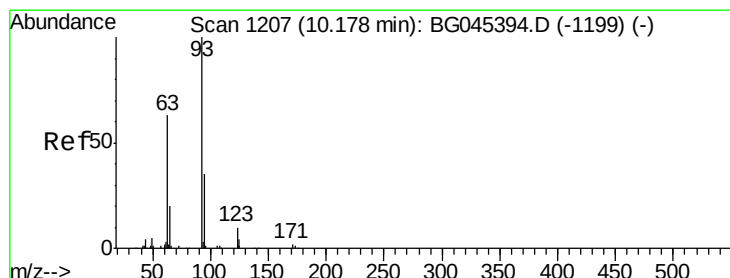
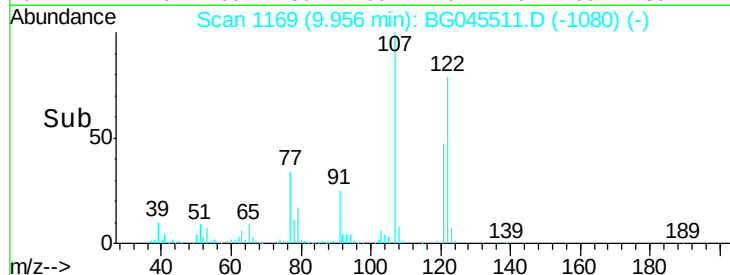
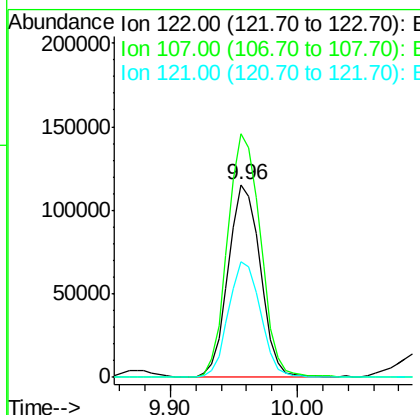
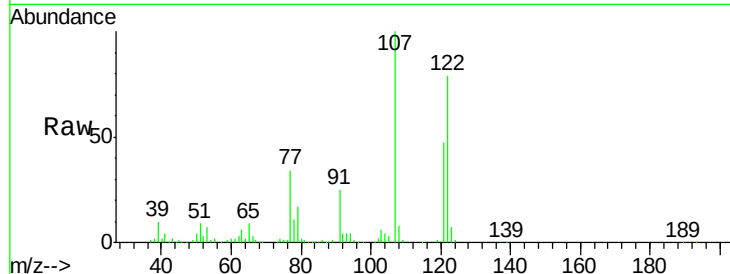




#27
 2,4-Dimethylphenol
 Concen: 55.280 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

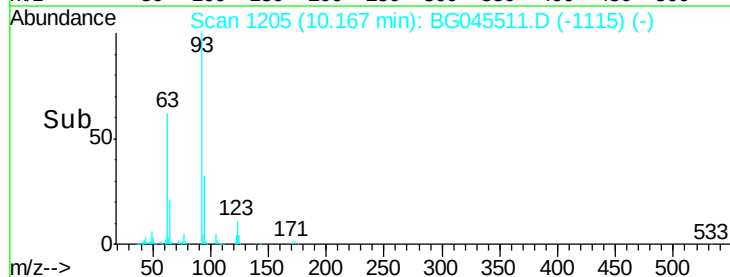
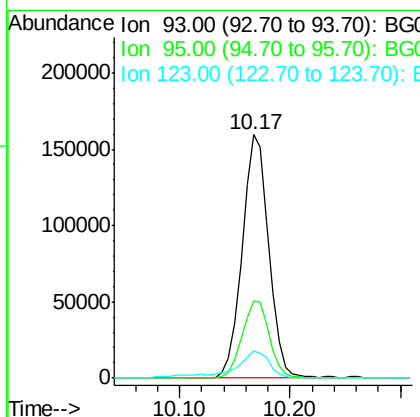
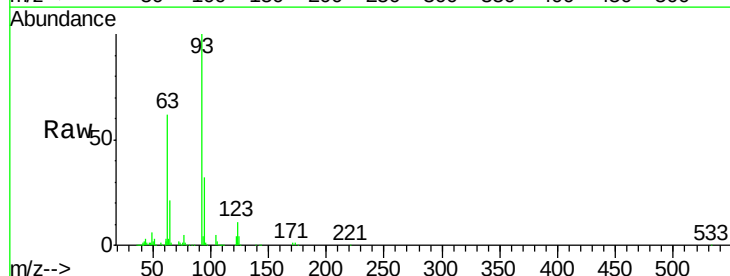
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

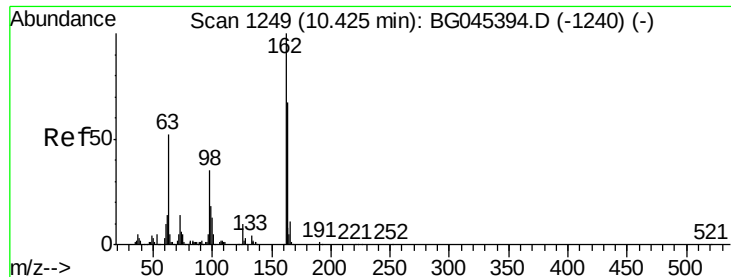
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.3	99.0	148.4
121	60.0	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.216 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	27.6	41.4
123	11.0	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 53.062 ng

RT: 10.43 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

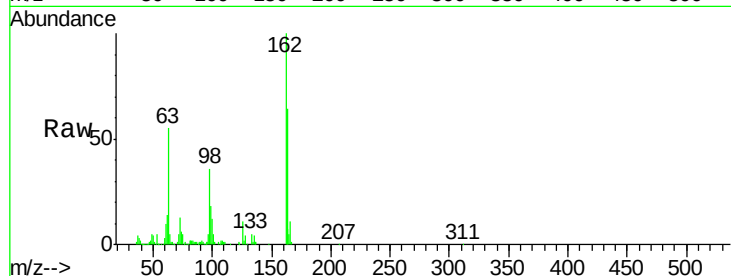
Tot Ion:162 Resp: 230231

Ion Ratio Lower Upper

162 100

164 64.4 46.8 86.8

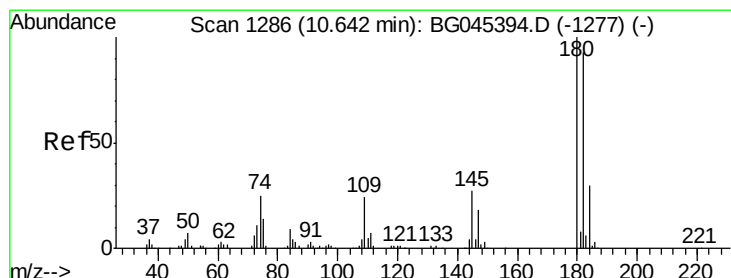
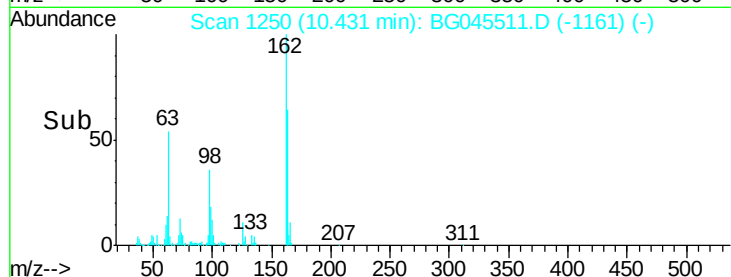
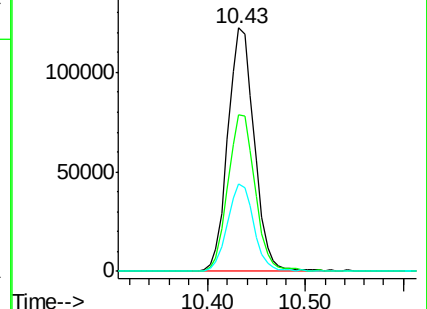
98 35.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 48.834 ng

RT: 10.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

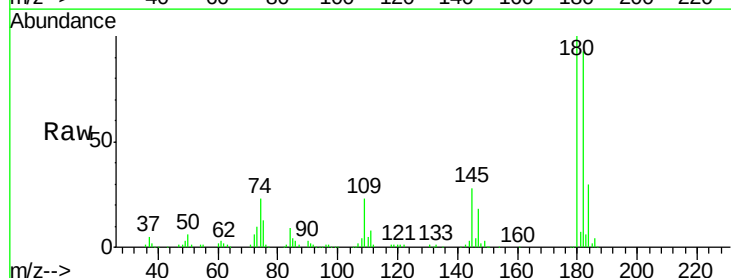
Tgt Ion:180 Resp: 250371

Ion Ratio Lower Upper

180 100

182 93.1 74.8 112.2

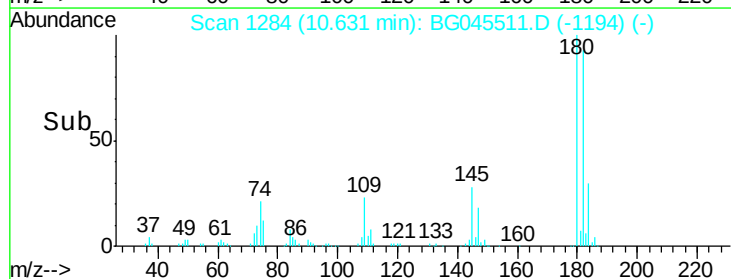
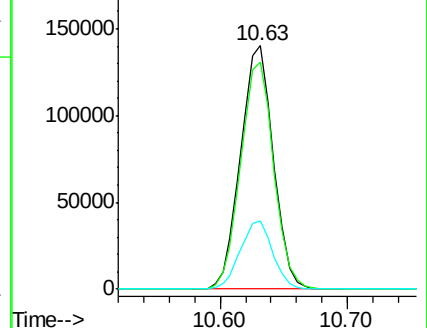
145 27.8 21.9 32.9

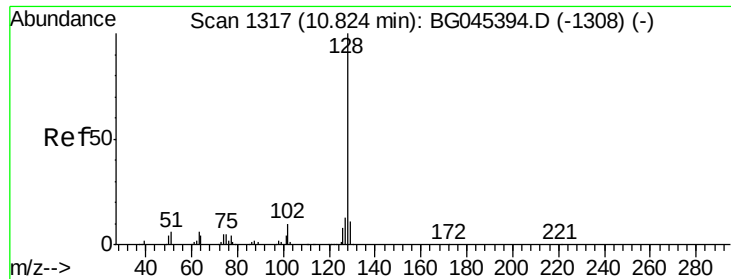


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

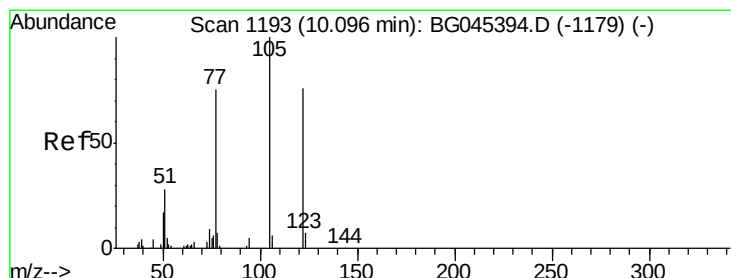
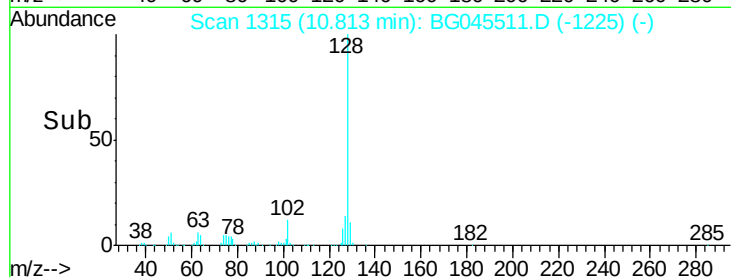
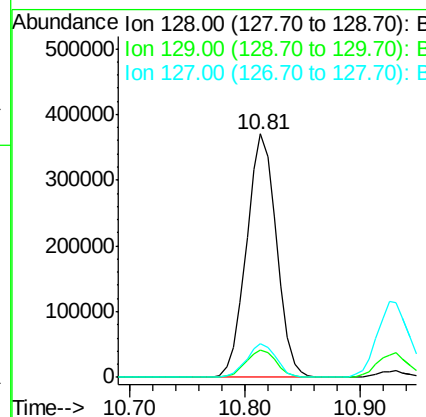
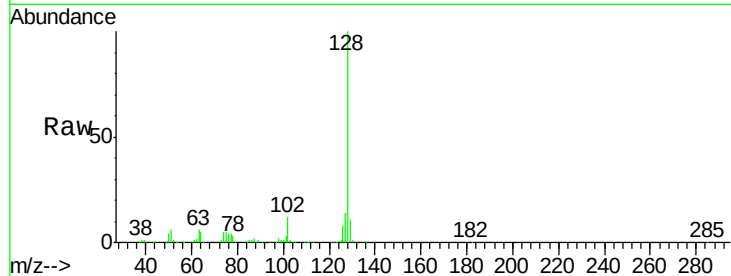




#31
Naphthalene
Concen: 48.644 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

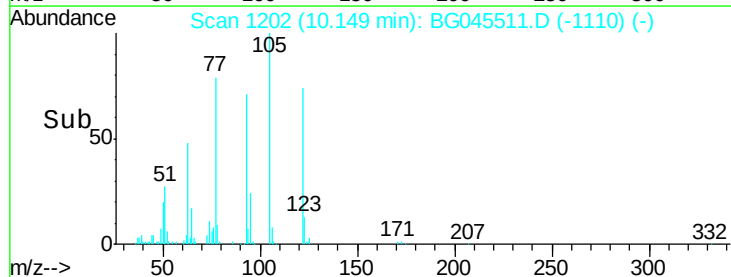
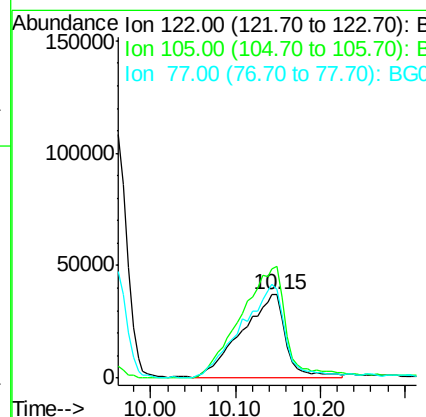
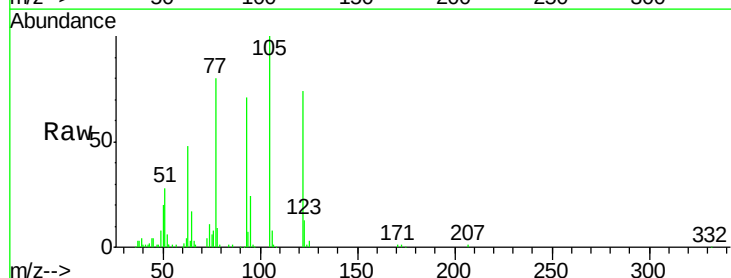
Instrument :
BNA_G
ClientSampleId :
PB129114BS

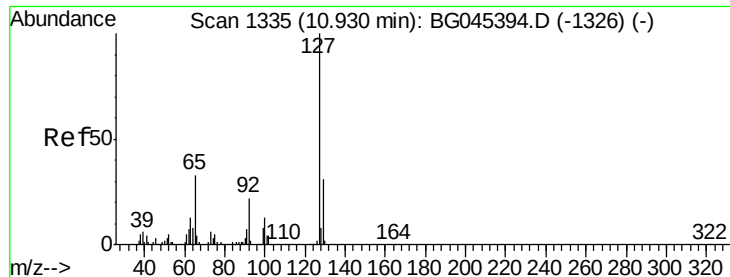
Tot Ion:128 Resp: 668141
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 52.333 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:122 Resp: 133637
Ion Ratio Lower Upper
122 100
105 134.3 107.9 147.9
77 106.8 78.9 118.9

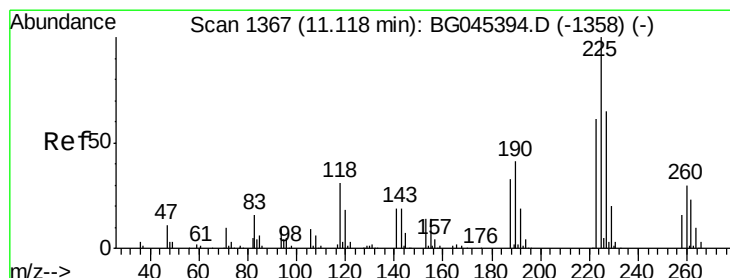
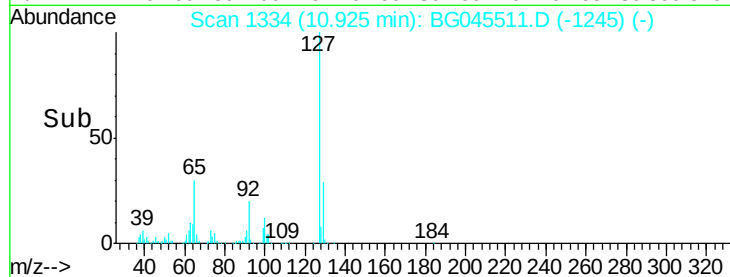
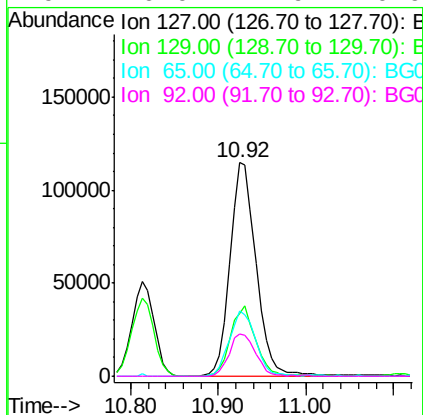
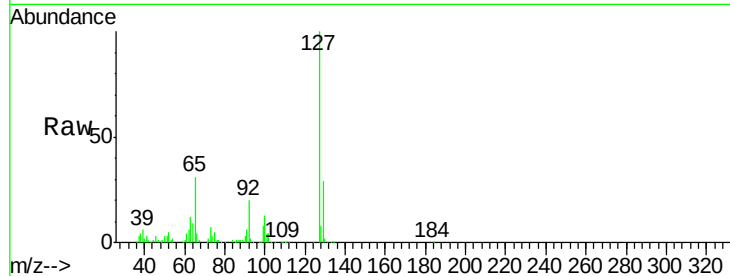




#33
4-Chloroaniline
Concen: 40.611 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

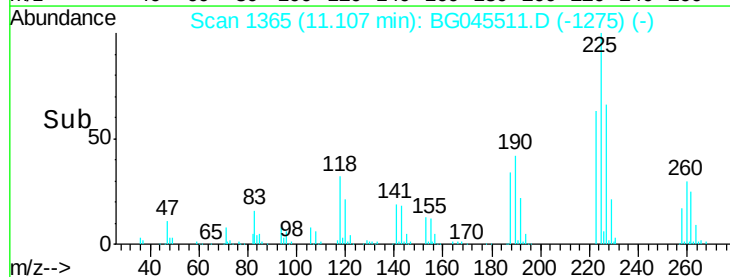
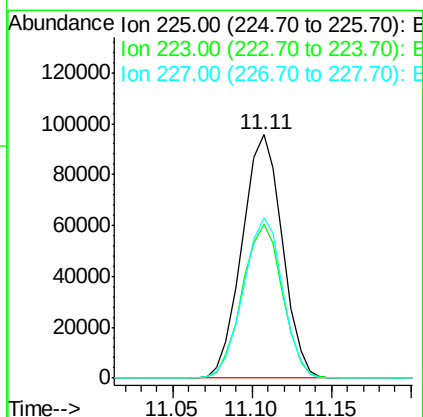
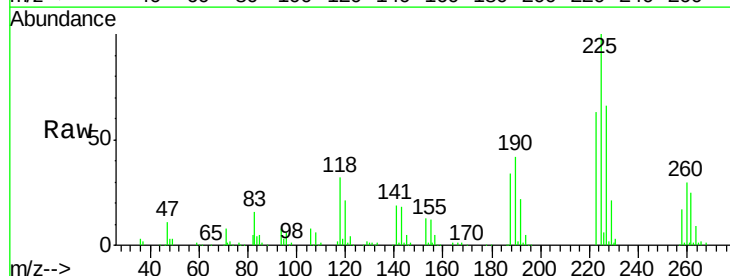
Instrument :
BNA_G
ClientSampleId :
PB129114BS

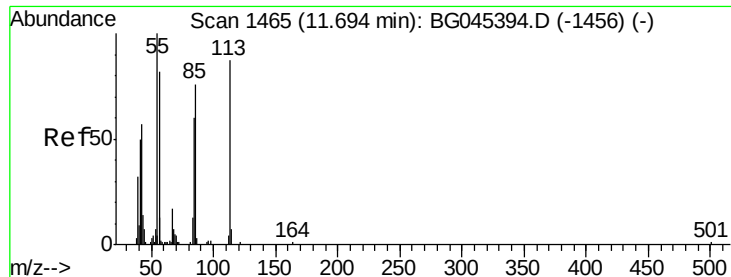
Tot Ion:127	Resp:	233167
Ion Ratio	Lower	Upper
127	100	
129	29.4	24.7 37.1
65	30.6	26.2 39.2
92	20.0	17.9 26.9



#34
Hexachlorobutadiene
Concen: 46.528 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:225	Resp:	168624
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.1 73.7
227	66.0	52.0 78.0

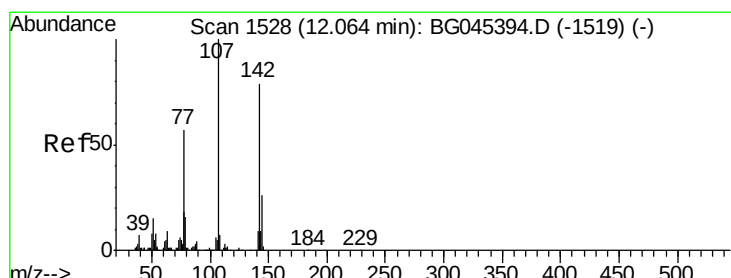
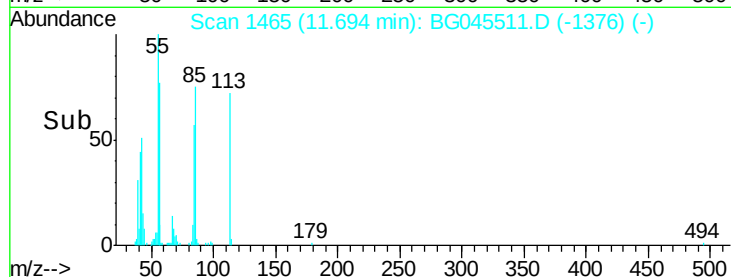
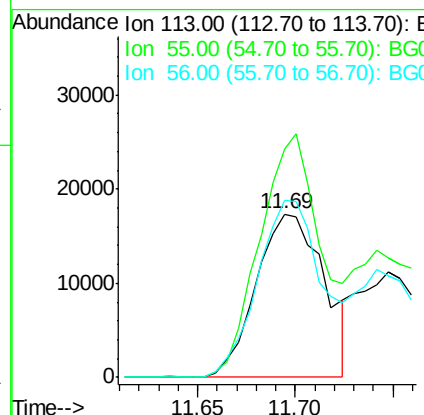
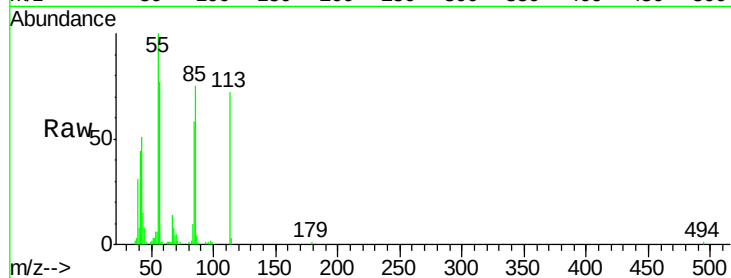




#35
 Caprolactam
 Concen: 26.209 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

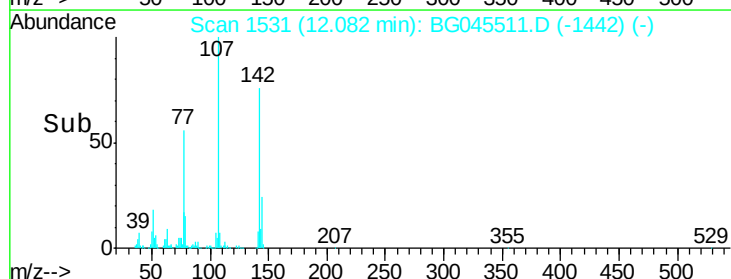
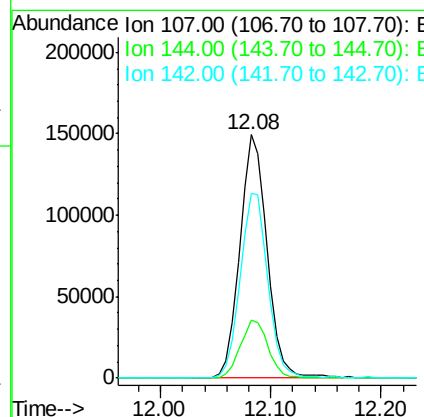
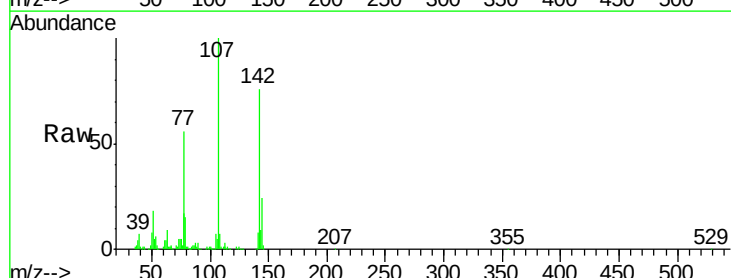
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

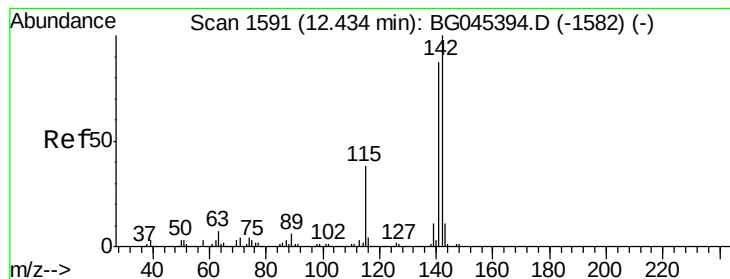
Tot Ion:113 Resp: 41740
 Ion Ratio Lower Upper
 113 100
 55 139.7 96.0 136.0#
 56 108.0 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.871 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:107 Resp: 258498
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.8 31.2
 142 76.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 50.221 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

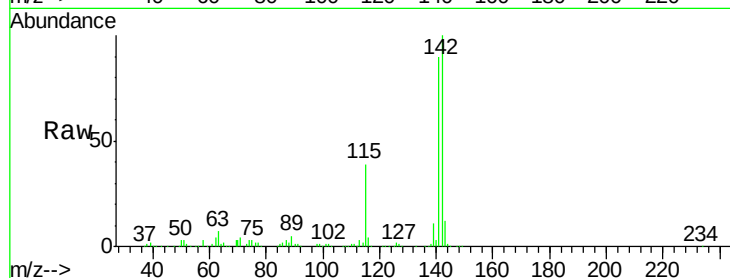
Tot Ion:142 Resp: 514139

Ion Ratio Lower Upper

142 100

141 89.9 70.0 105.0

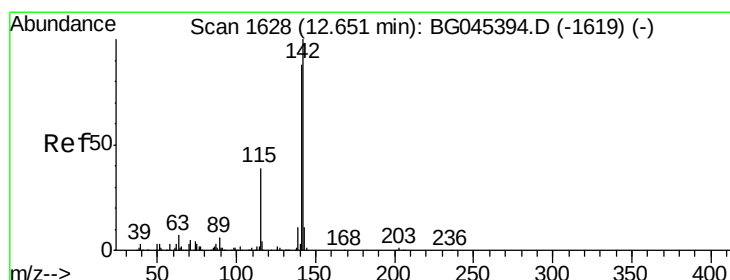
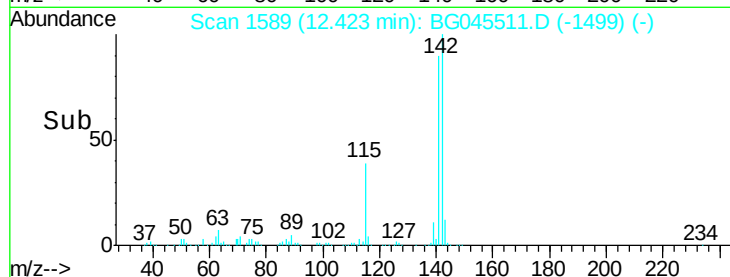
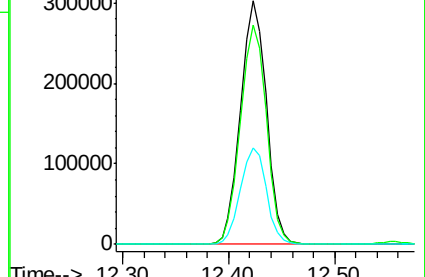
115 39.3 30.8 46.2



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: 50.253 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

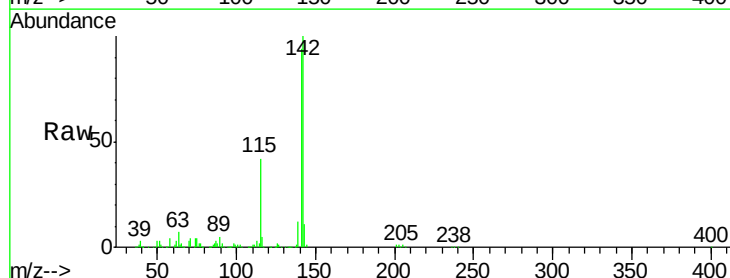
Tgt Ion:142 Resp: 485973

Ion Ratio Lower Upper

142 100

141 94.0 70.8 106.2

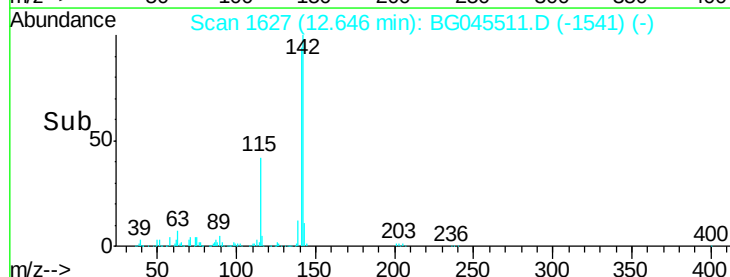
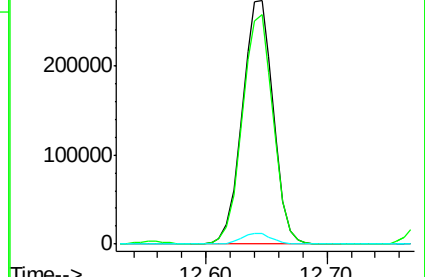
116 4.5 3.0 4.6

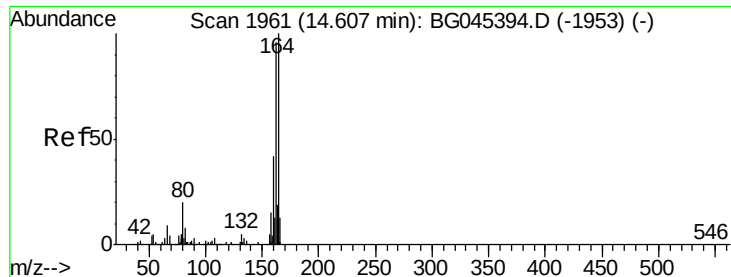


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

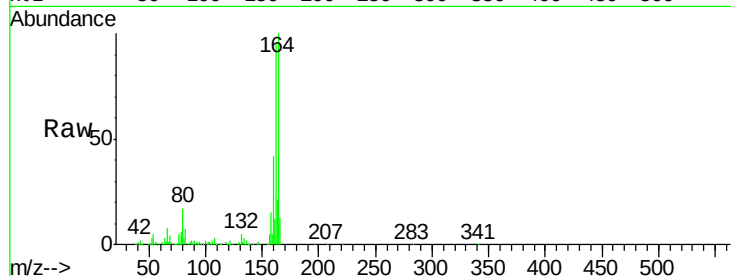
Tot Ion:164 Resp: 213303

Ion Ratio Lower Upper

164 100

162 94.8 76.9 115.3

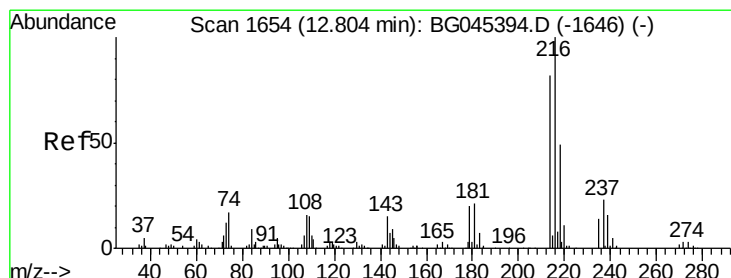
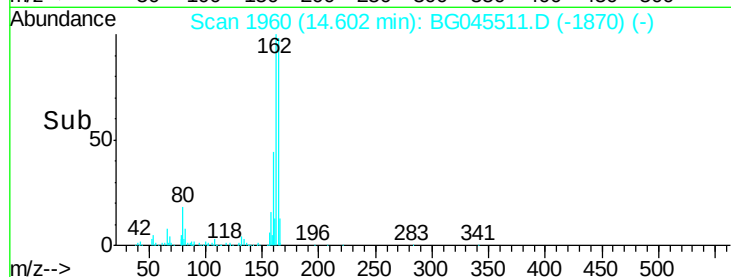
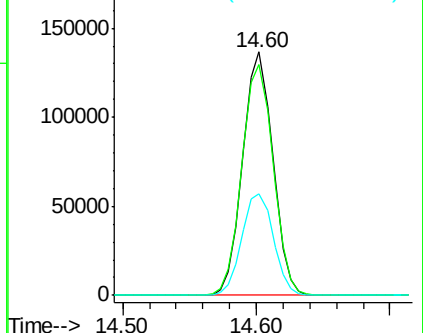
160 41.8 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.925 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:216 Resp: 297447

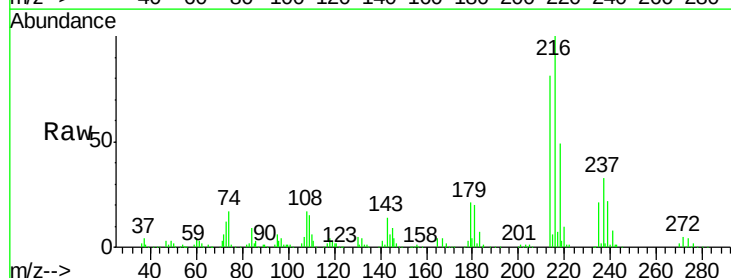
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.0 16.1 24.1

108 18.5 13.8 20.6

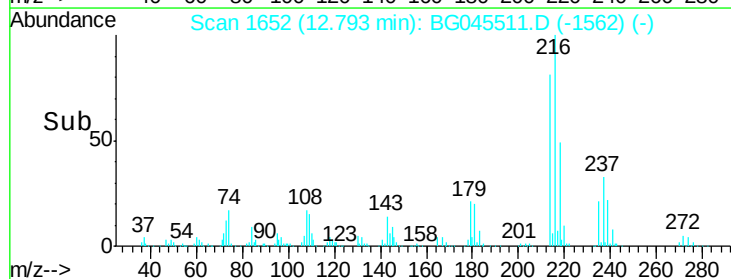
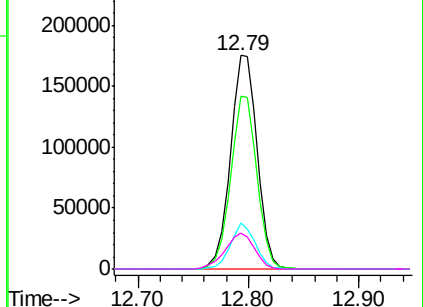


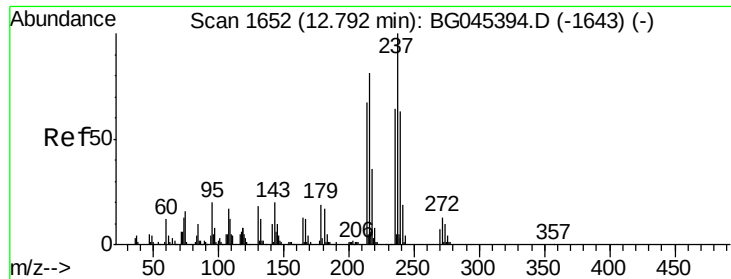
Abundance Ion 216.00 (215.70 to 216.70): E

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

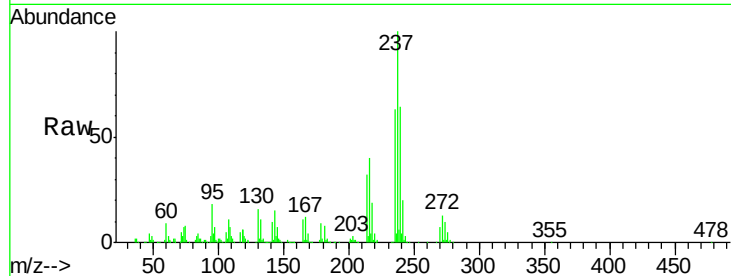




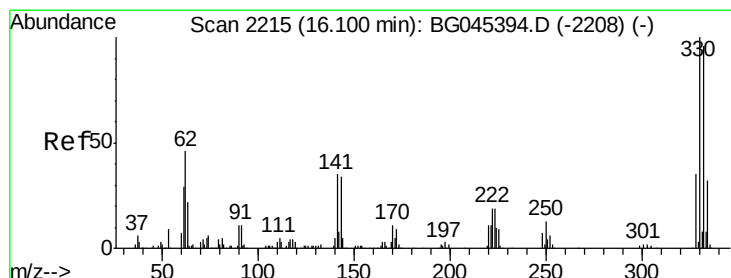
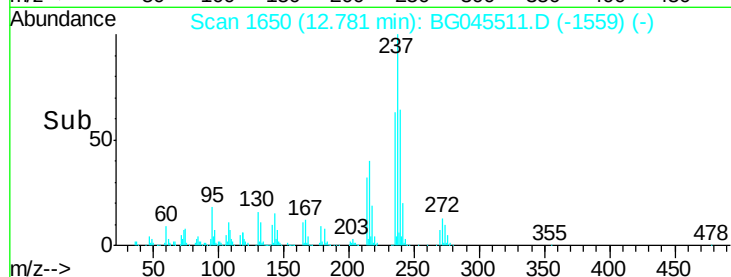
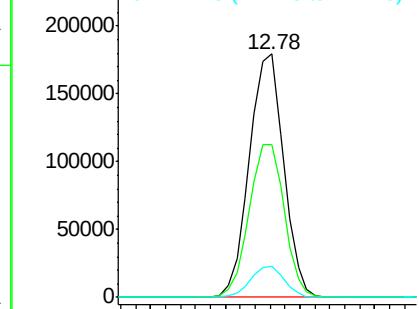
#41
Hexachlorocyclopentadiene
Concen: 82.946 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.4	84.4
272	13.0	0.0	32.5

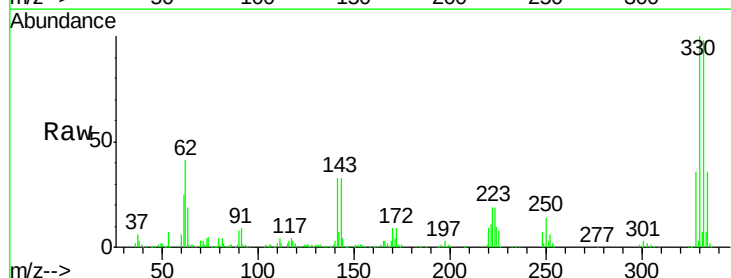


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

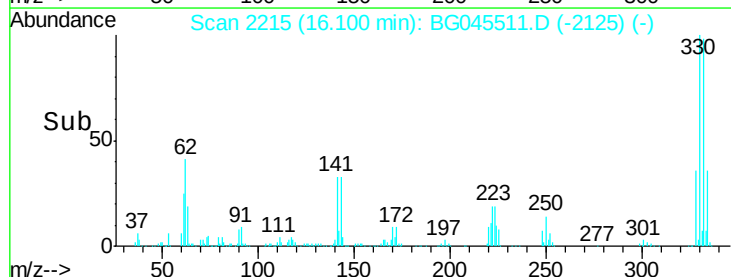
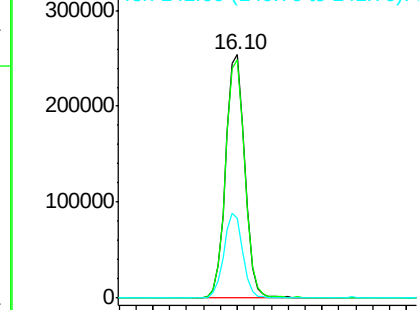


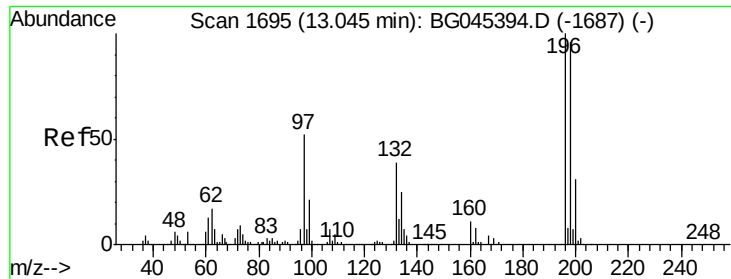
#42
2,4,6-Tribromophenol
Concen: 146.883 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.2	117.4
141	34.9	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

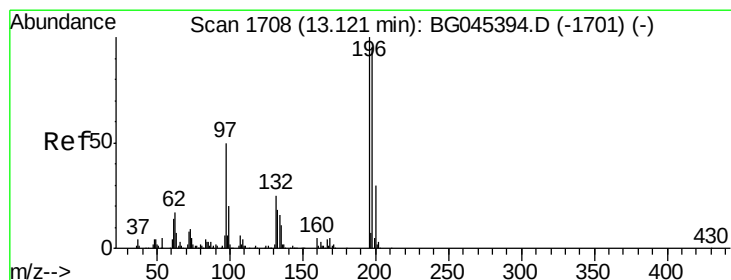
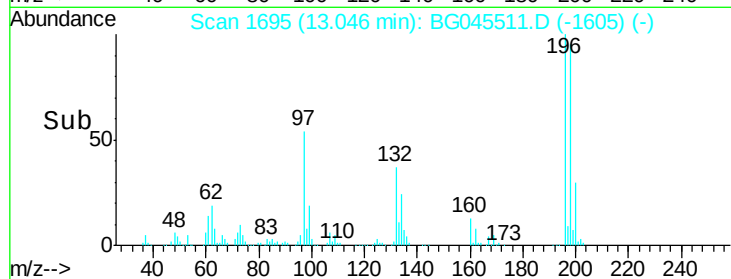
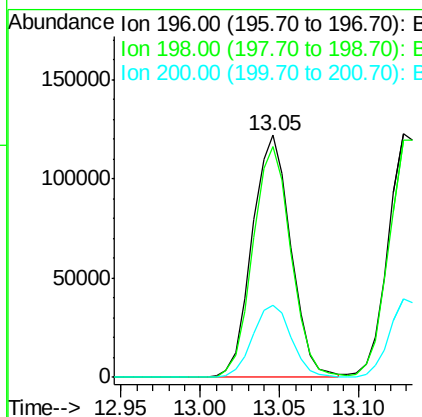
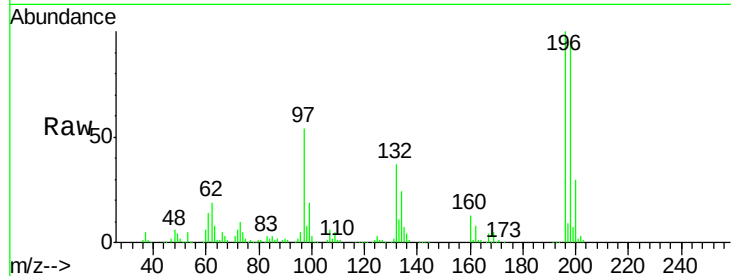




#43
 2,4,6-Trichlorophenol
 Concen: 49.927 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

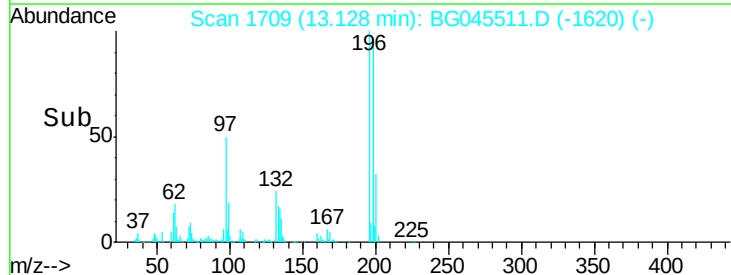
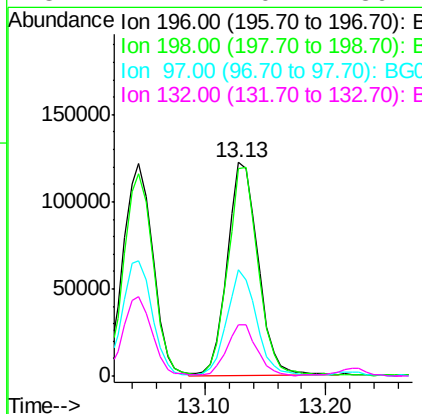
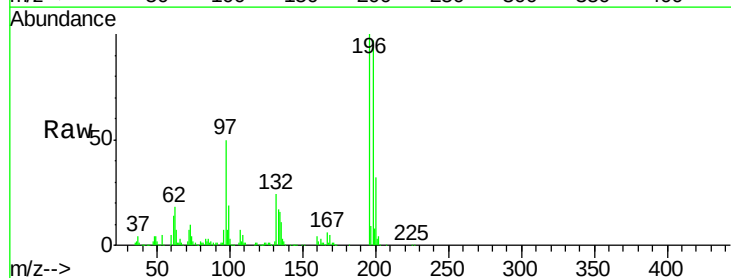
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

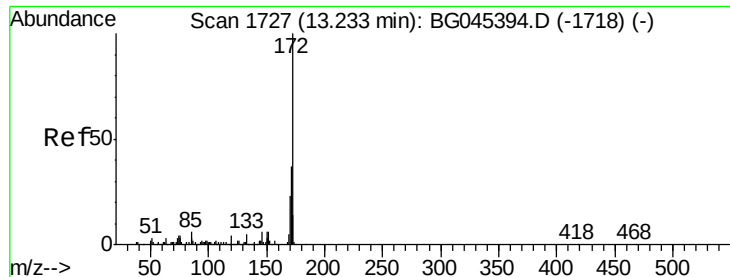
Tot Ion:196	Resp:	206635
Ion Ratio	Lower	Upper
196	100	
198	95.2	76.7 115.1
200	29.9	24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.041 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:196	Resp:	217748
Ion Ratio	Lower	Upper
196	100	
198	97.3	76.1 114.1
97	49.9	40.0 60.0
132	24.2	20.2 30.2

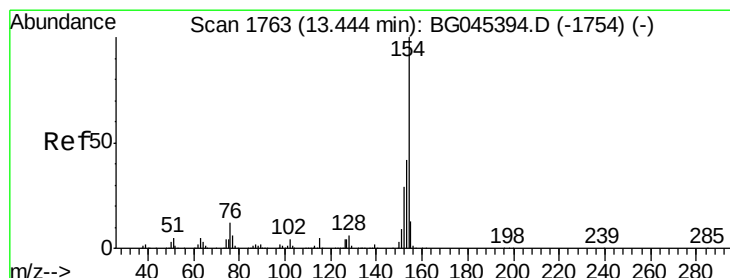
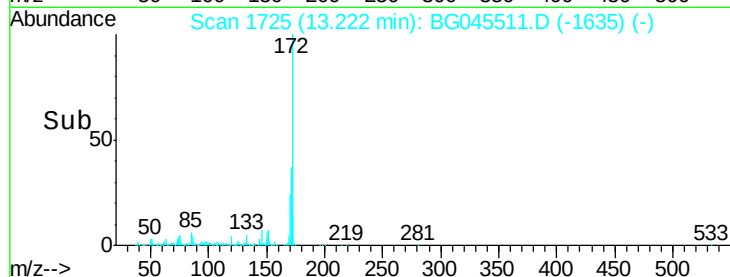
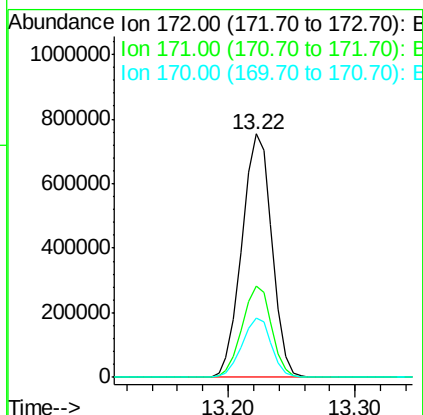
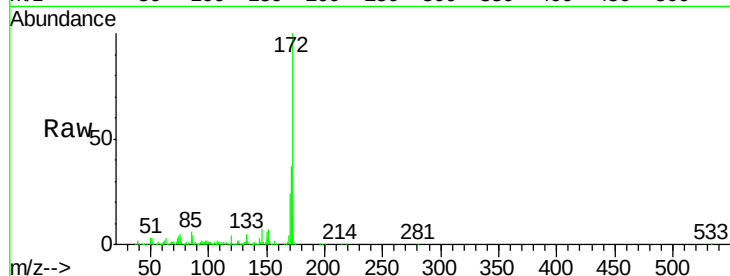




#45
2-Fluorobiphenyl
Concen: 98.386 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

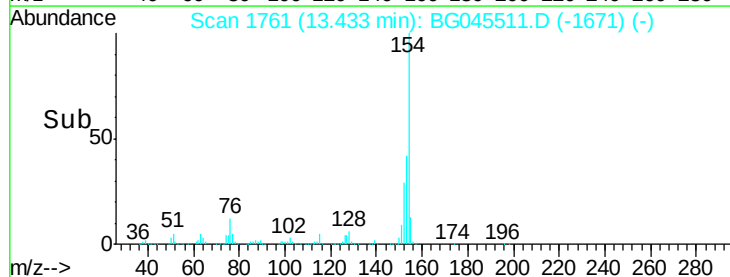
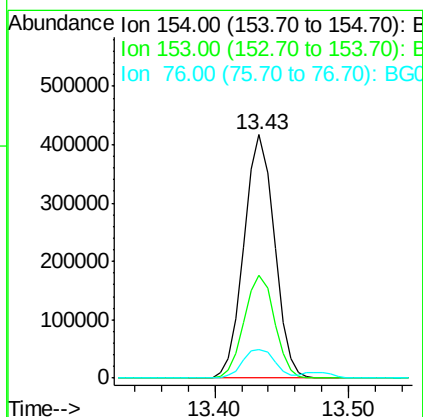
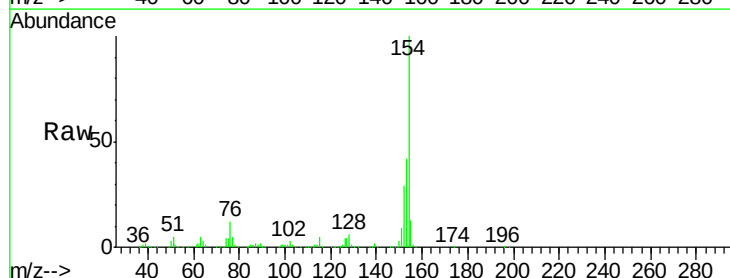
Instrument :
BNA_G
ClientSampleId :
PB129114BS

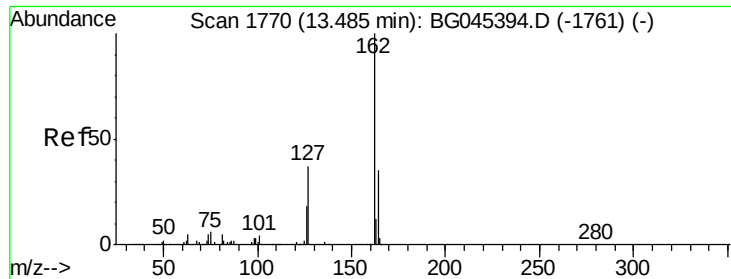
Tot Ion:172 Resp: 1237231
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 50.113 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:154 Resp: 656805
Ion Ratio Lower Upper
154 100
153 42.4 22.2 62.2
76 11.9 0.0 32.4

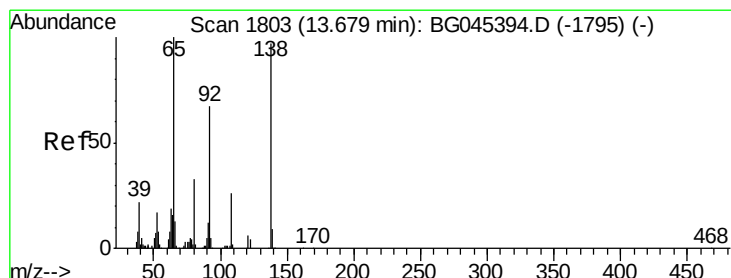
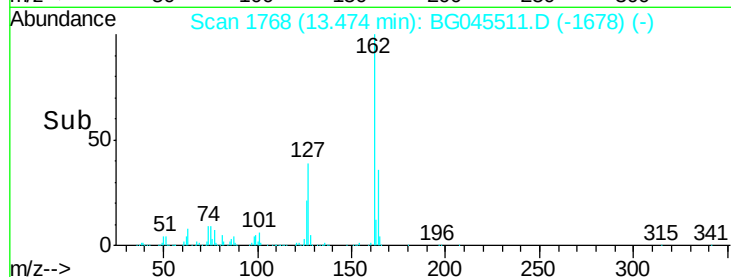
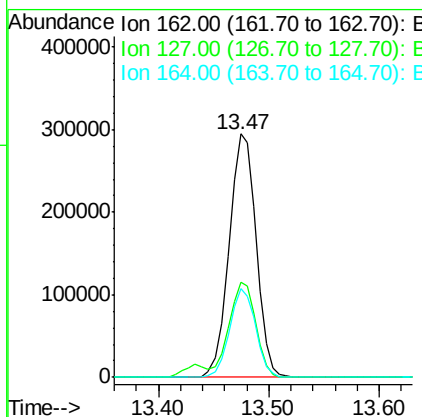
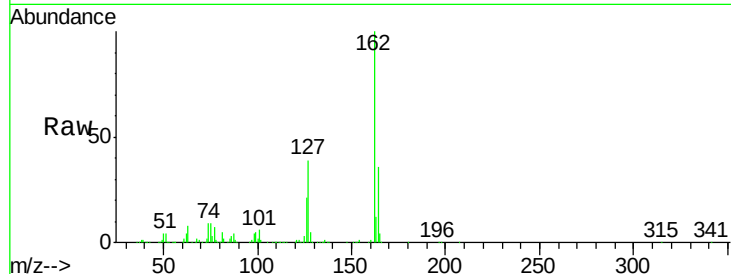




#47
 2-Chloronaphthalene
 Concen: 47.506 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

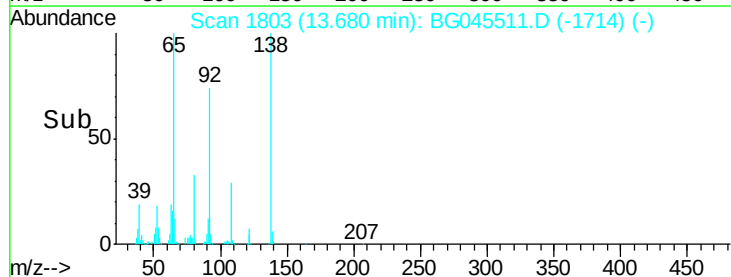
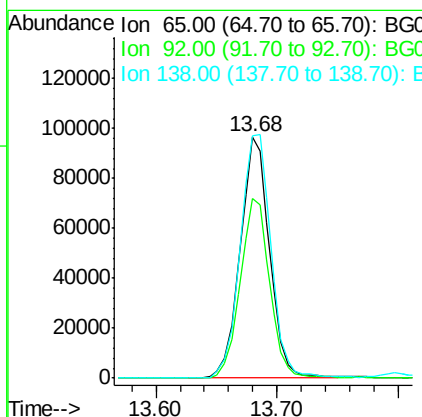
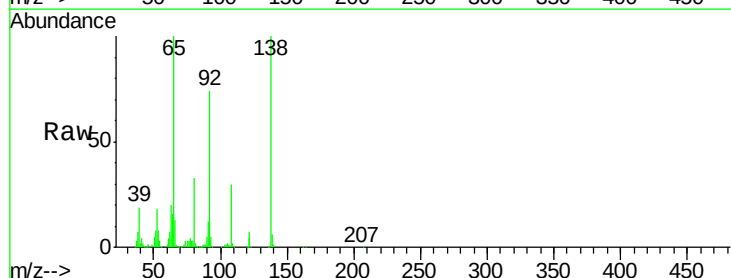
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

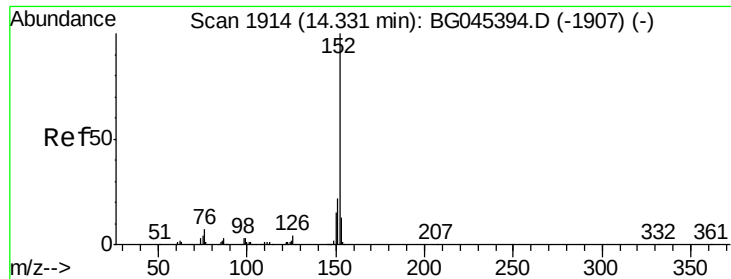
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	36.3	28.1	42.1



#48
 2-Nitroaniline
 Concen: 46.751 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.8	80.8
138	100.4	77.9	116.9





#49

Acenaphthylene

Concen: 49.216 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

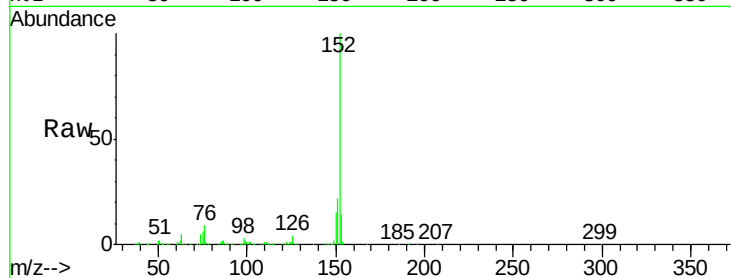
Tot Ion:152 Resp: 841360

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.2

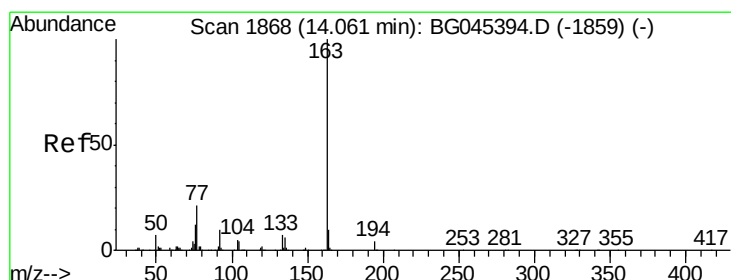
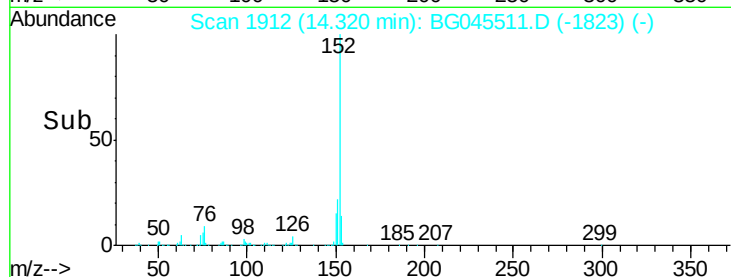
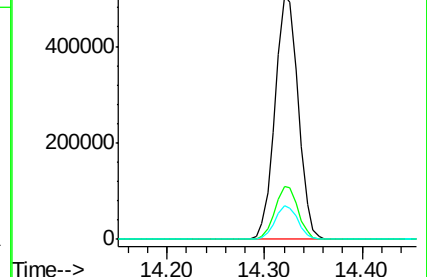
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.551 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

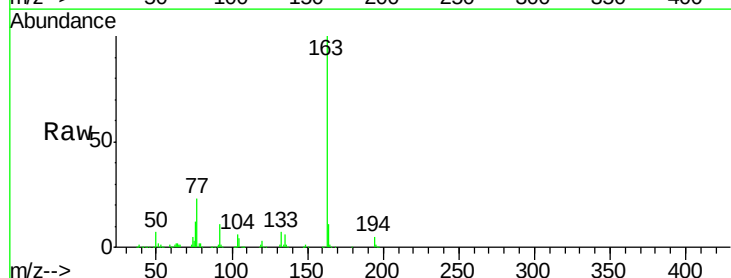
Tgt Ion:163 Resp: 681159

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

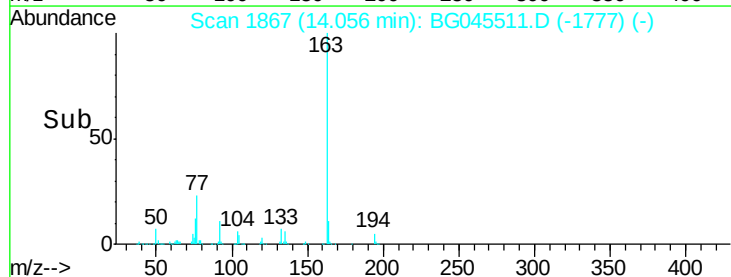
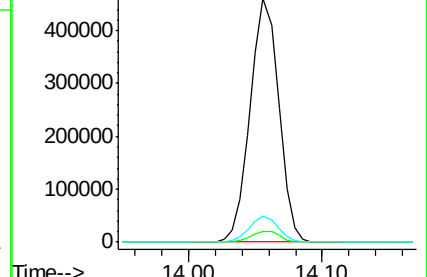
164 10.9 8.3 12.5

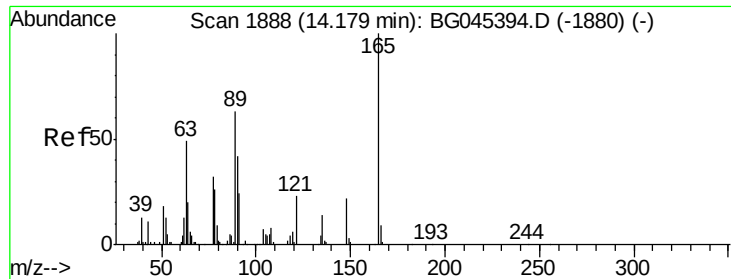


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.177 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

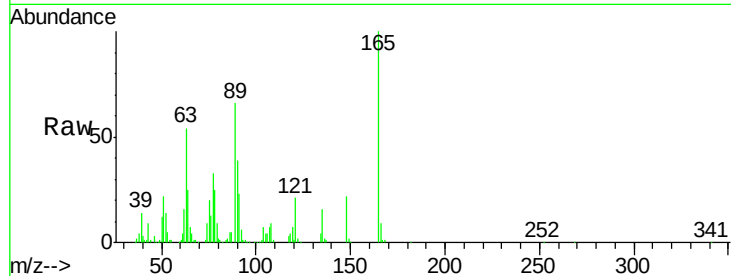
Tot Ion:165 Resp: 155771

Ion Ratio Lower Upper

165 100

63 54.2 45.0 67.4

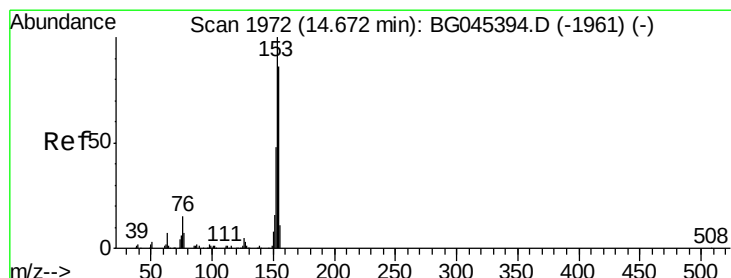
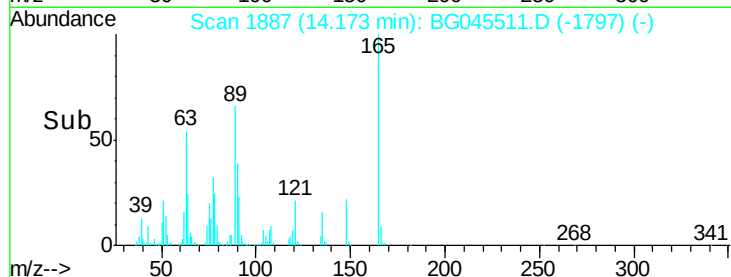
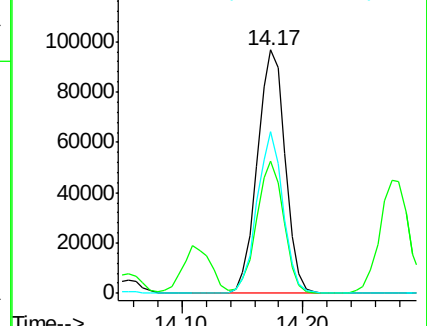
89 66.2 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.975 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

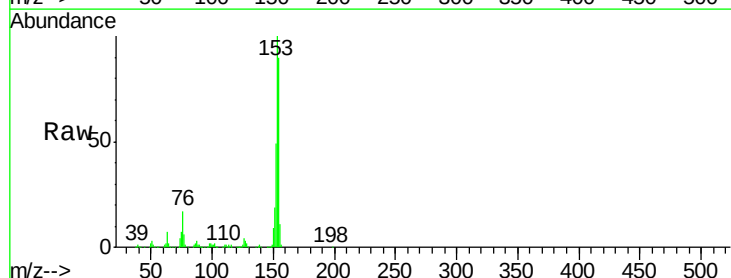
Tgt Ion:154 Resp: 503215

Ion Ratio Lower Upper

154 100

153 111.6 92.8 139.2

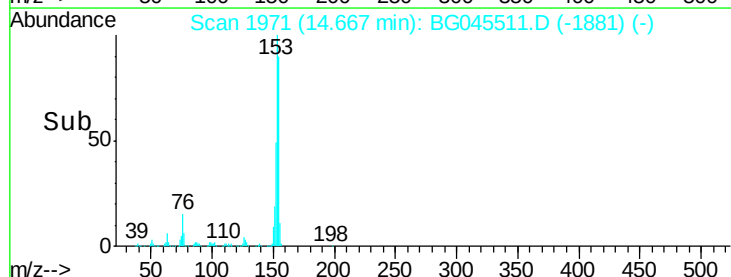
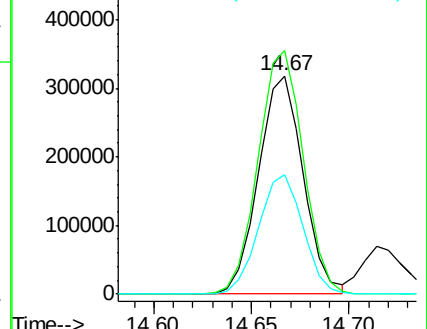
152 54.5 44.6 66.8

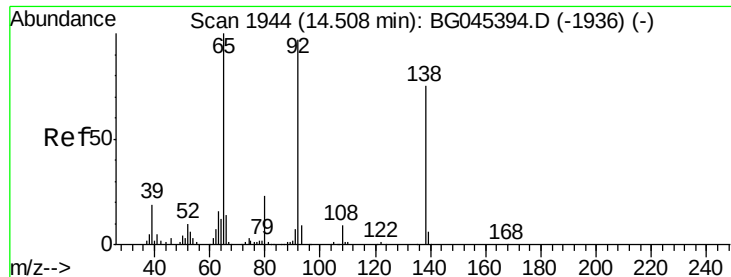


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

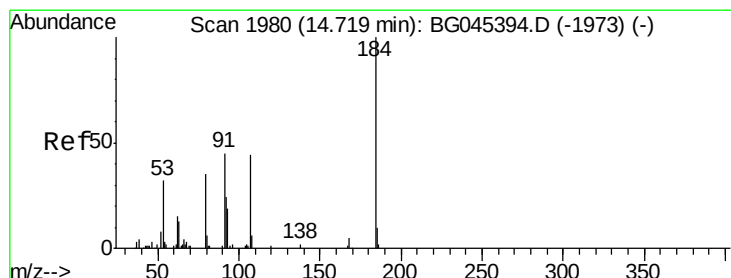
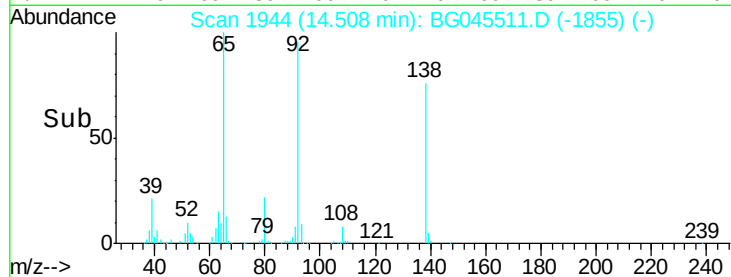
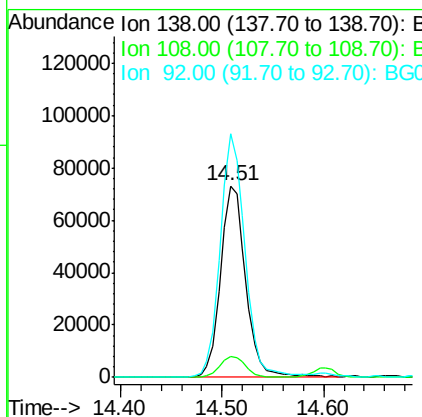
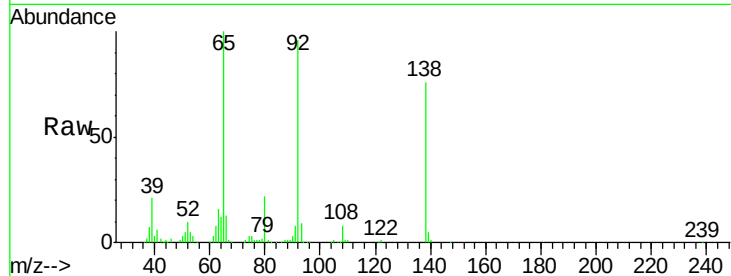




#53
3-Nitroaniline
Concen: 37.576 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

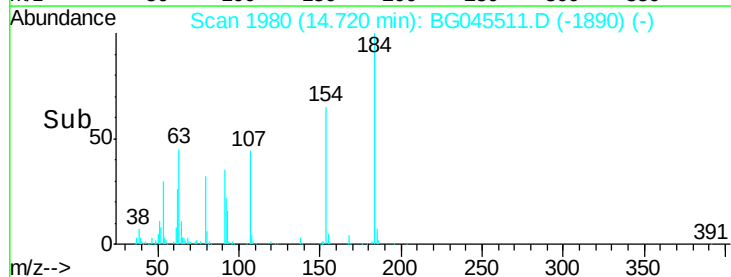
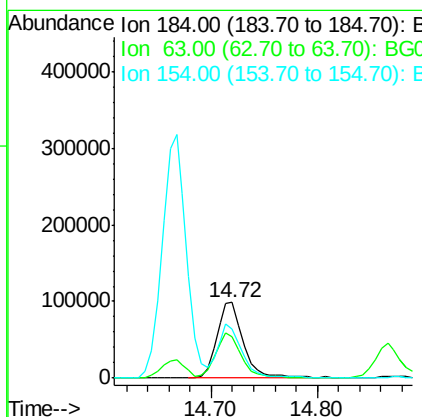
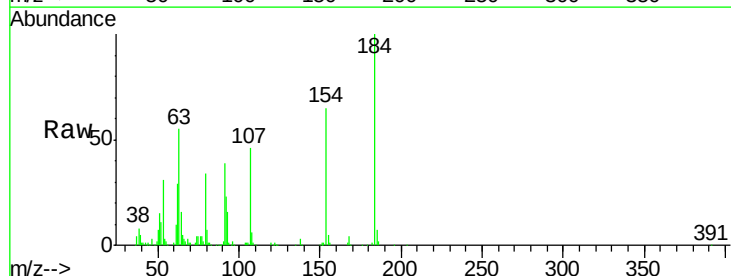
Instrument :
BNA_G
ClientSampleId :
PB129114BS

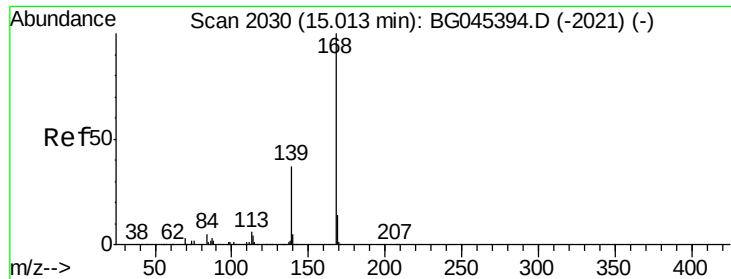
Tot Ion:138 Resp: 126121
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 127.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 79.868 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:184 Resp: 172727
Ion Ratio Lower Upper
184 100
63 55.4 47.8 71.6
154 64.5 58.3 87.5

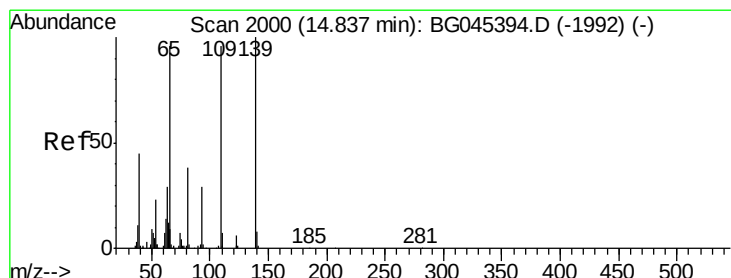
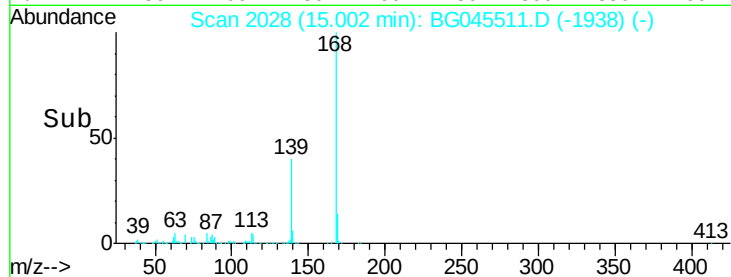
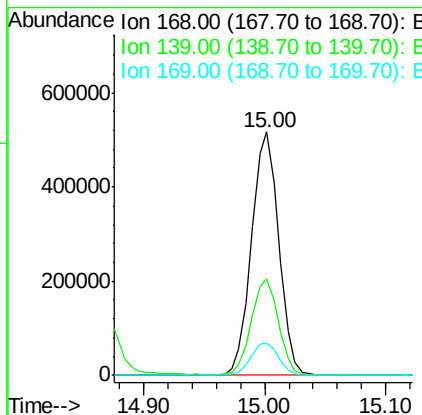
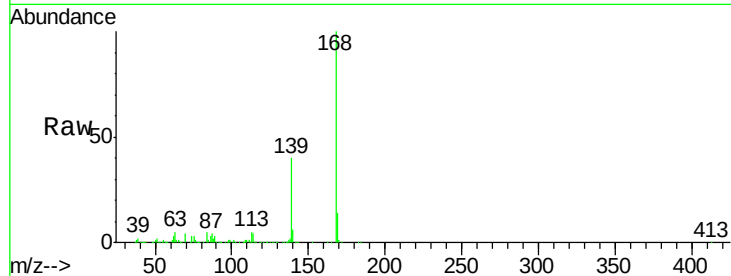




#55
Dibenzenofuran
Concen: 48.035 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

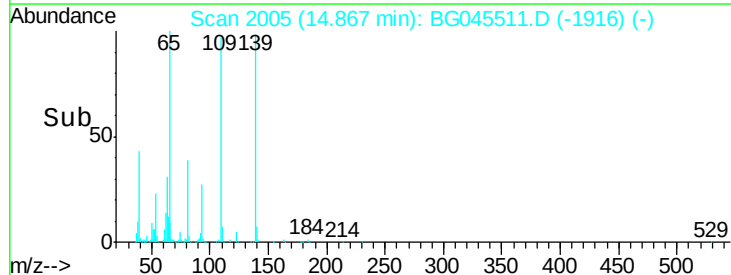
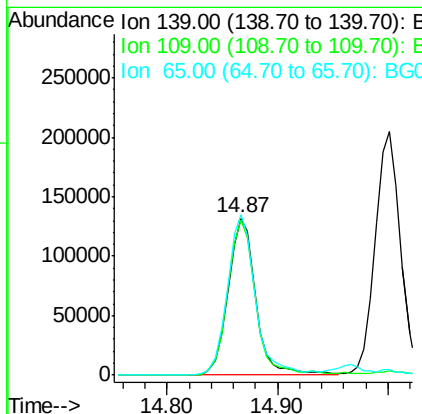
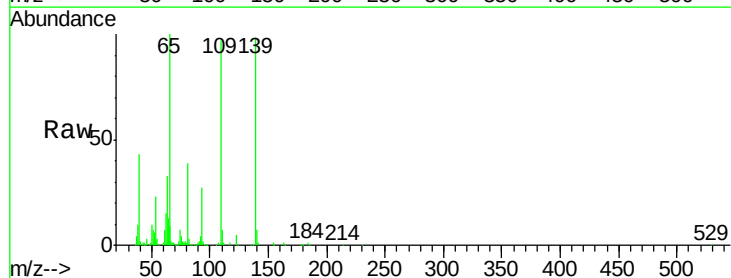
Instrument :
BNA_G
ClientSampleId :
PB129114BS

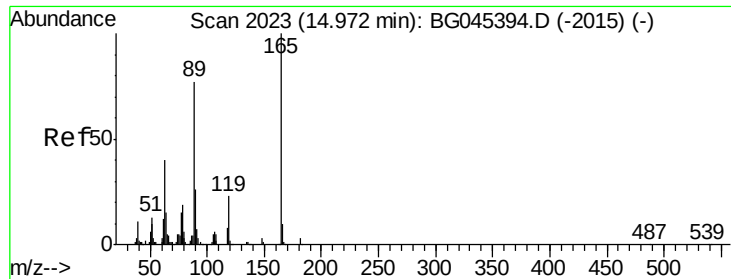
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 91.421 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.2	75.6	115.6
65	102.4	76.8	116.8

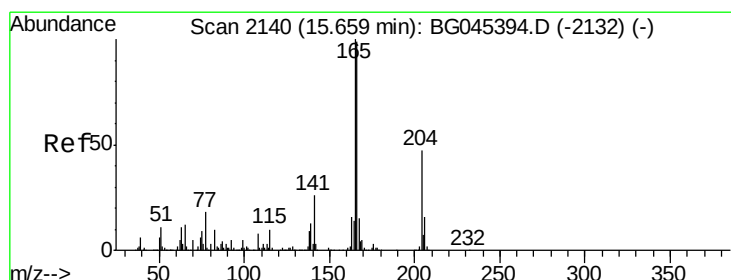
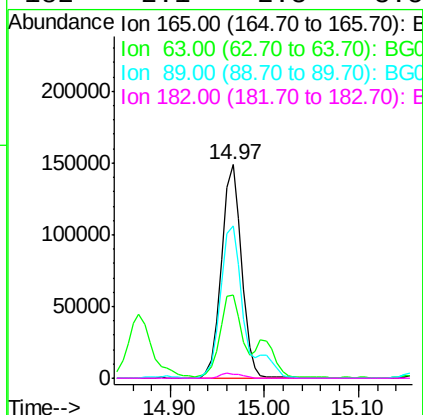
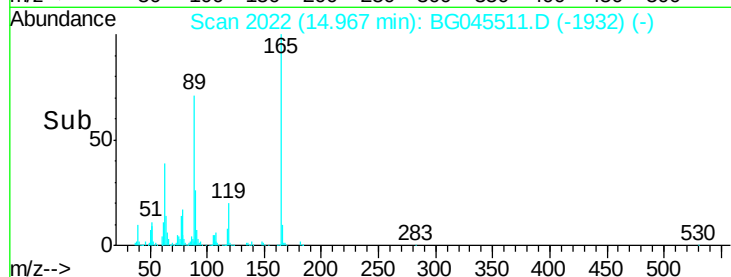
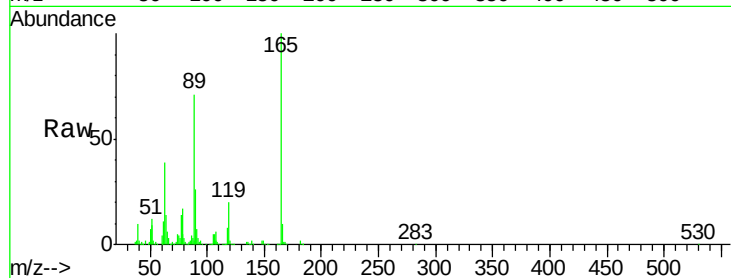




#57
2,4-Dinitrotoluene
Concen: 46.530 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

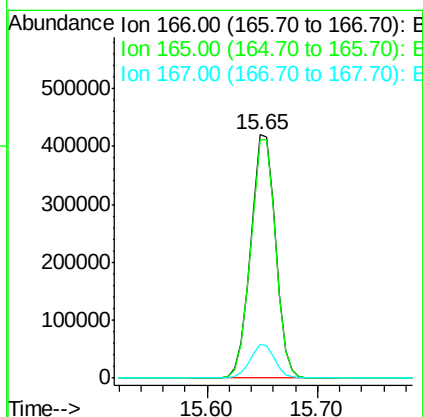
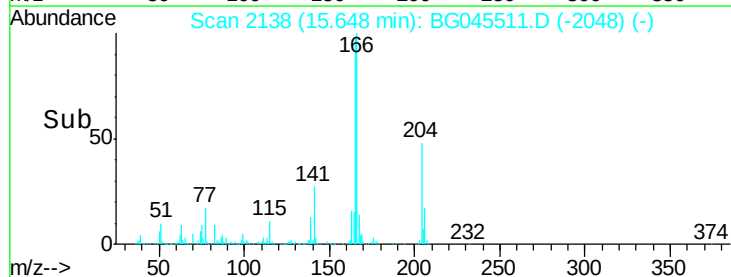
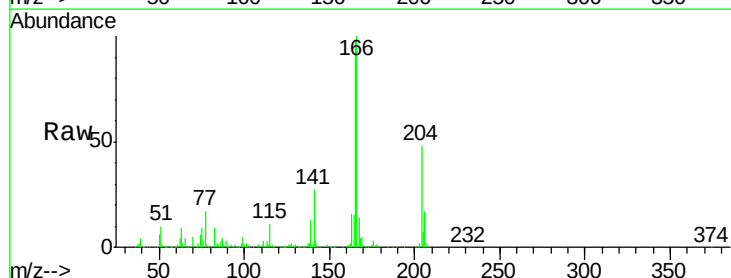
Instrument :
BNA_G
ClientSampleId :
PB129114BS

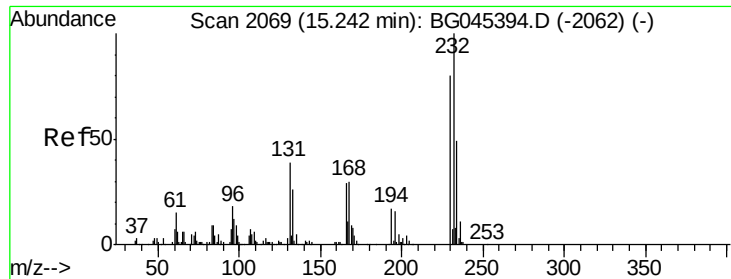
Tot Ion:165 Resp: 222500
Ion Ratio Lower Upper
165 100
63 39.0 32.5 48.7
89 71.1 61.8 92.6
182 2.1 2.3 3.5#



#58
Fluorene
Concen: 47.657 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:166 Resp: 665333
Ion Ratio Lower Upper
166 100
165 98.0 80.8 121.2
167 13.9 12.0 18.0

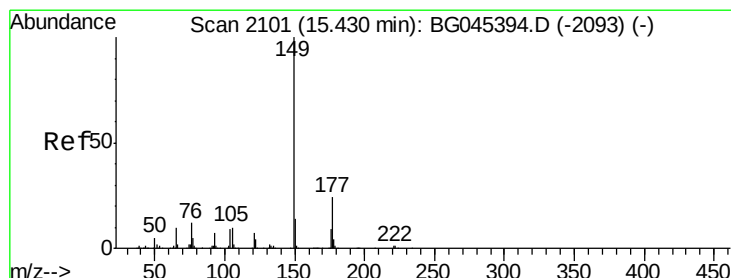
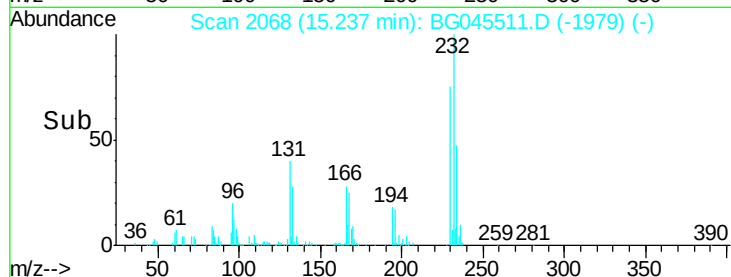
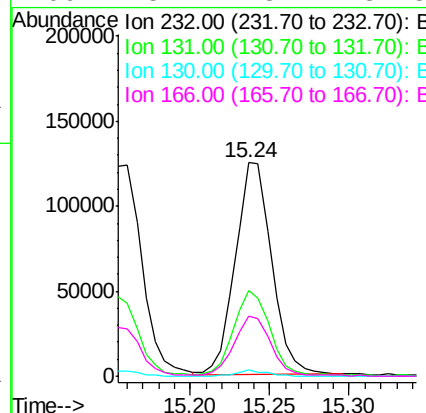
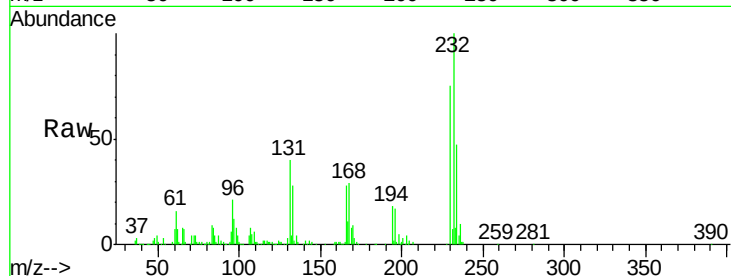




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.694 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

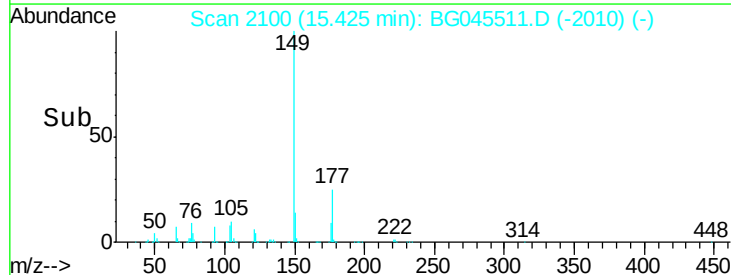
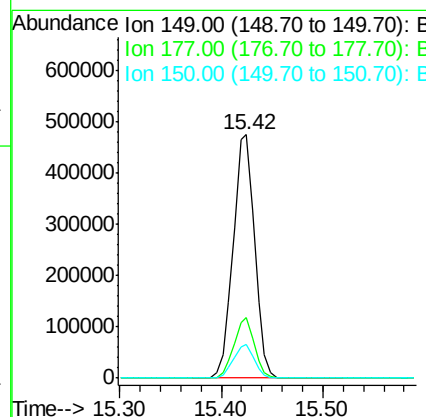
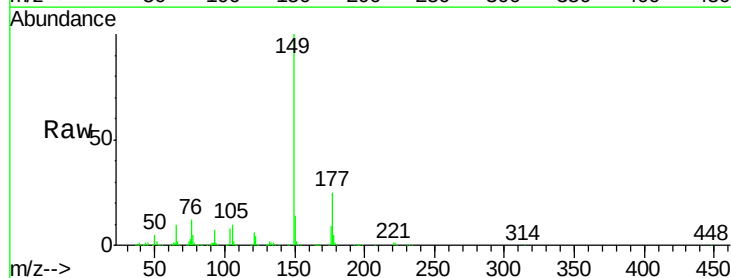
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

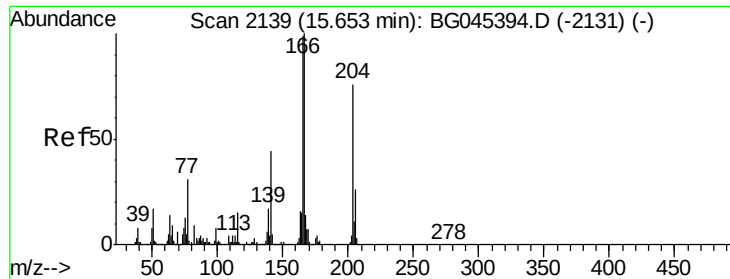
Tot Ion:232	Resp:	198448
Ion Ratio	Lower	Upper
232	100	
131	40.6	33.7 50.5
130	2.4	2.1 3.1
166	28.7	23.2 34.8



#60
 Diethylphthalate
 Concen: 45.840 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:149	Resp:	698136
Ion Ratio	Lower	Upper
149	100	
177	24.8	19.0 28.4
150	13.9	11.4 17.0

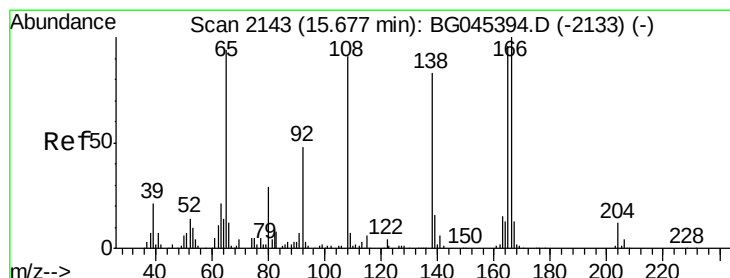
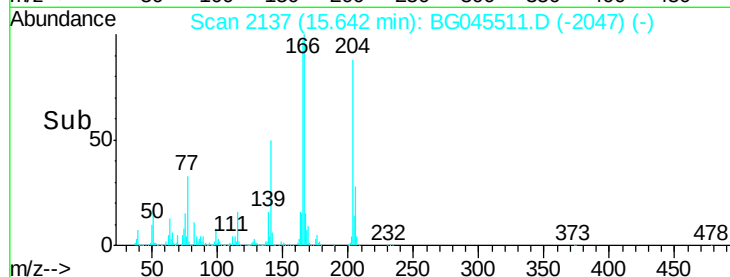
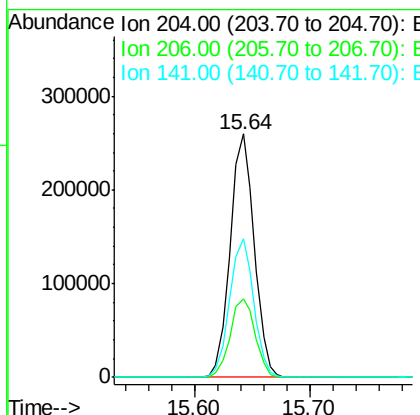
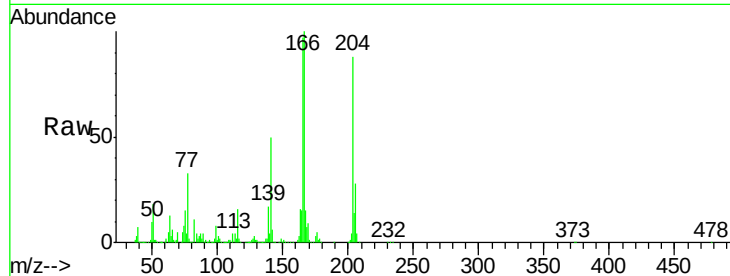




#61
4-Chlorophenyl-phenylether
Concen: 46.738 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

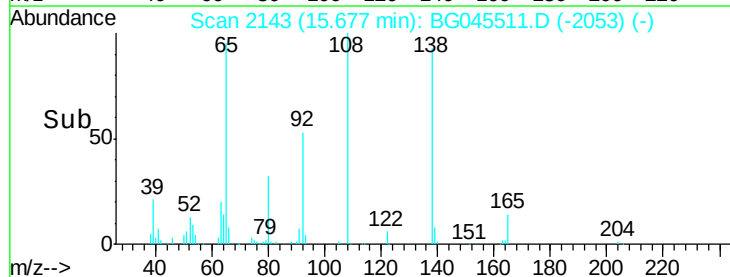
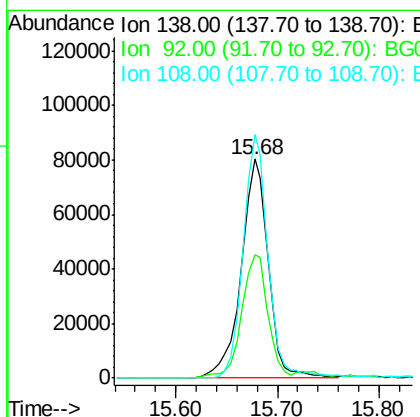
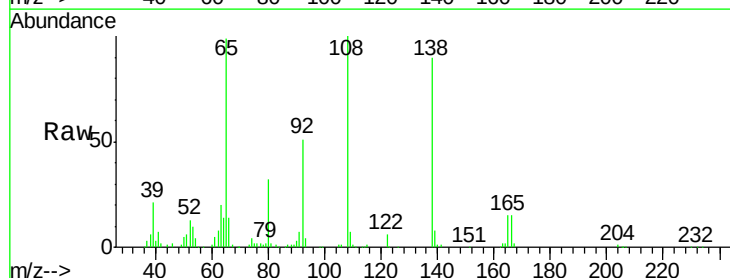
Instrument :
BNA_G
ClientSampleId :
PB129114BS

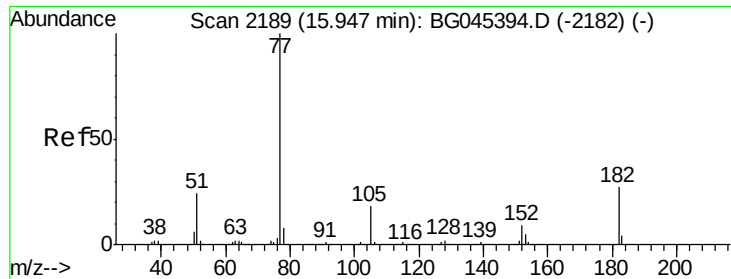
Tot Ion:204 Resp: 373389
Ion Ratio Lower Upper
204 100
206 32.0 27.3 40.9
141 57.1 45.9 68.9



#62
4-Nitroaniline
Concen: 42.570 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:138 Resp: 149166
Ion Ratio Lower Upper
138 100
92 56.4 38.0 78.0
108 111.1 89.3 129.3

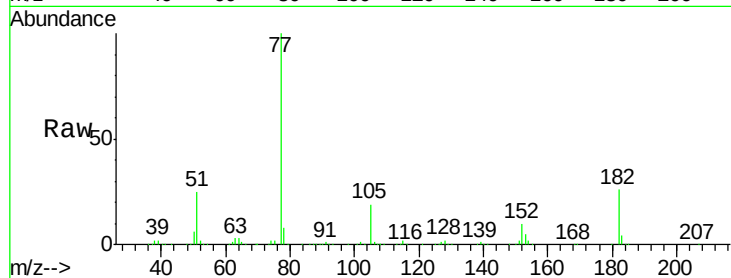




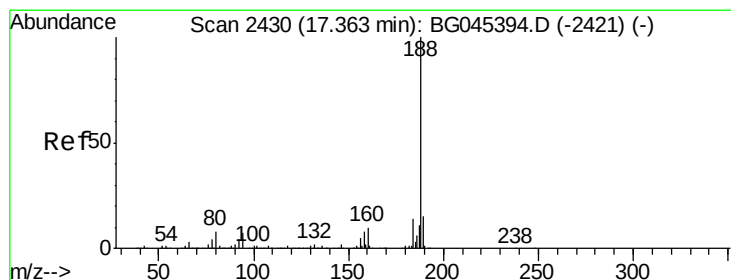
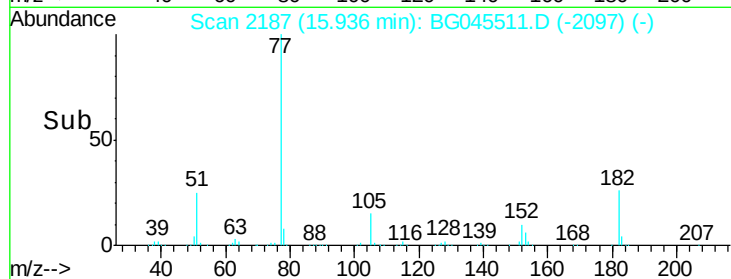
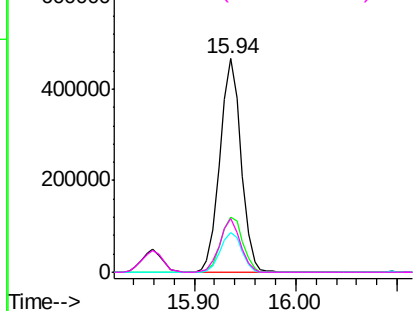
#63
Azobenzene
Concen: 47.253 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:	77	Resp:	671038
Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.5	46.5
105	18.7	0.0	37.9
51	25.0	4.1	44.1

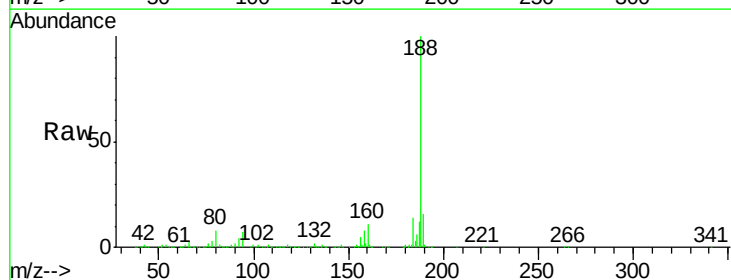


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

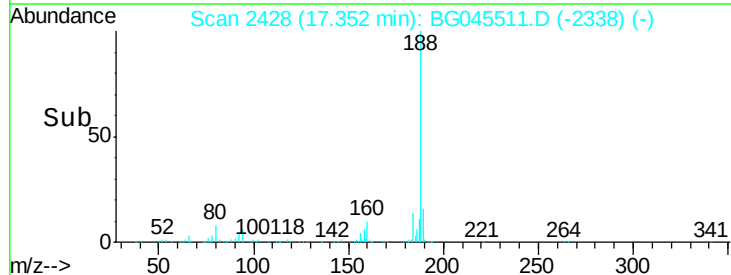
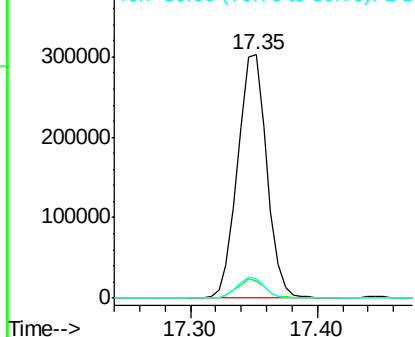


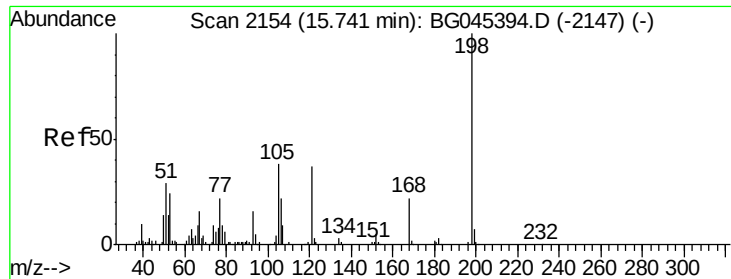
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:	188	Resp:	481265
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	8.2	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: 47.696 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

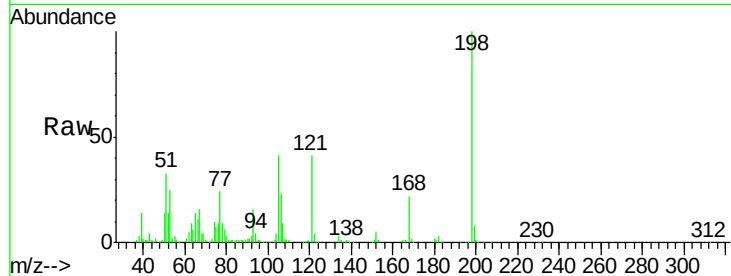
Tot Ion:198 Resp: 133685

Ion Ratio Lower Upper

198 100

51 33.1 10.0 50.0

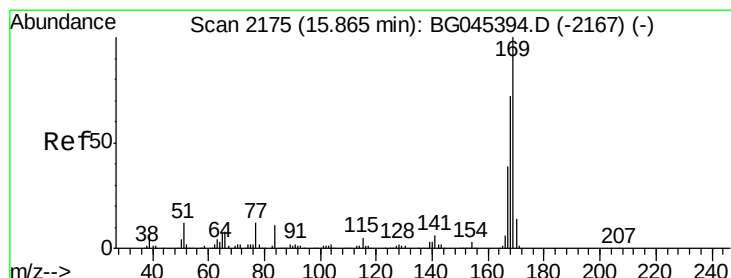
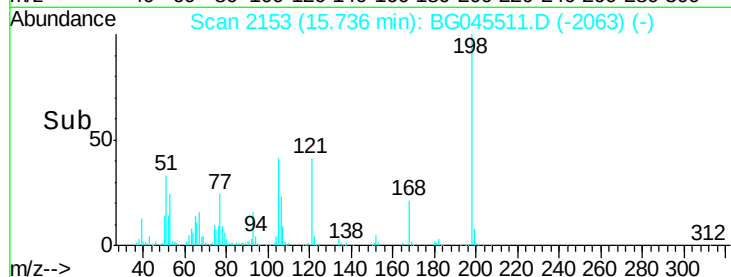
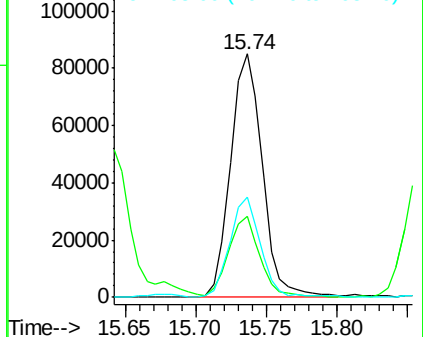
105 41.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.632 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

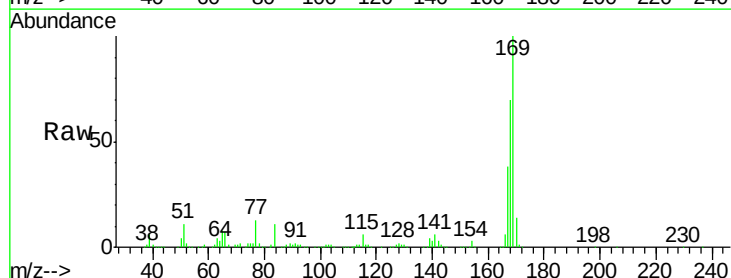
Tgt Ion:169 Resp: 596619

Ion Ratio Lower Upper

169 100

168 69.6 57.8 86.6

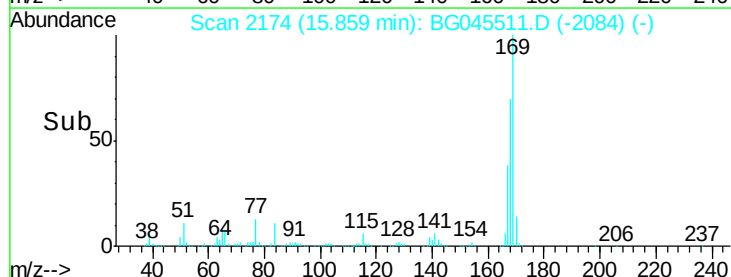
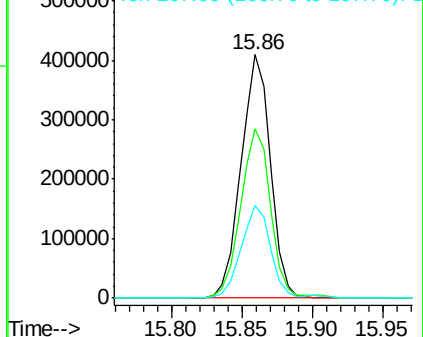
167 38.2 31.5 47.3

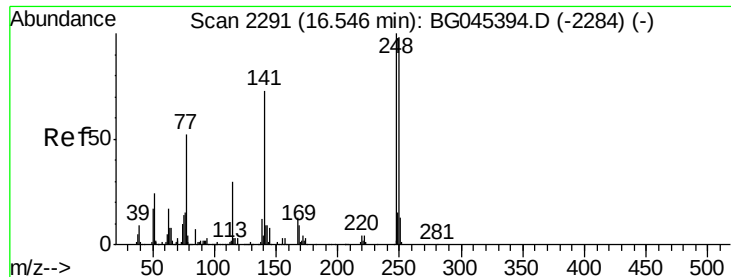


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

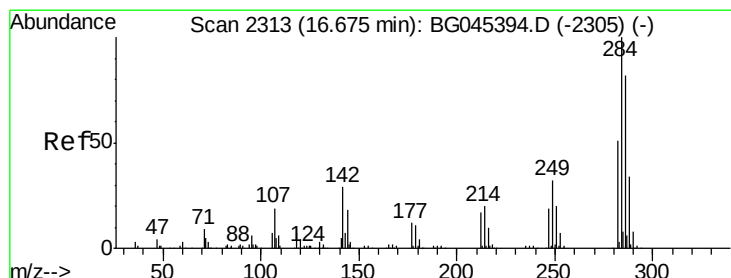
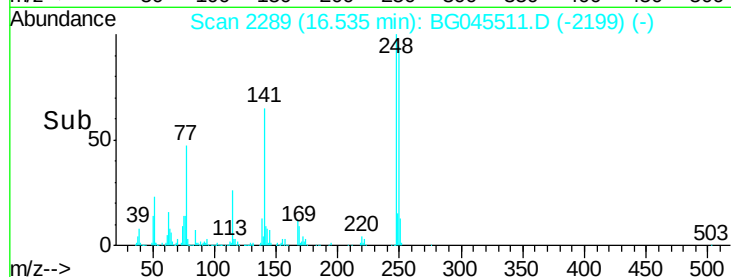
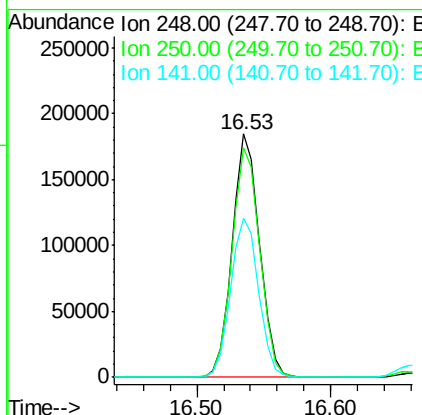
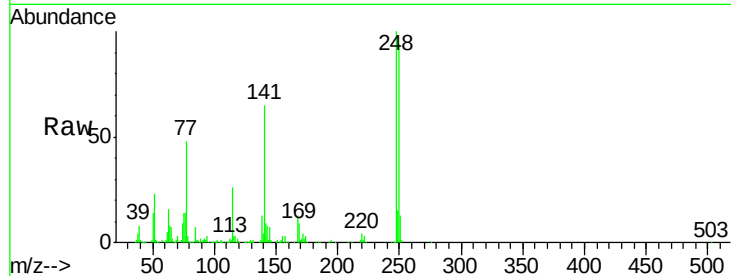




#67
4-Bromophenyl-phenylether
Concen: 50.463 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

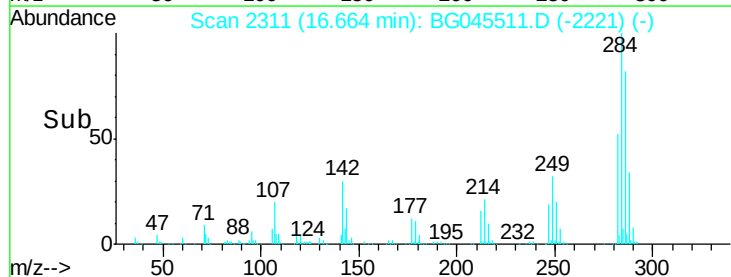
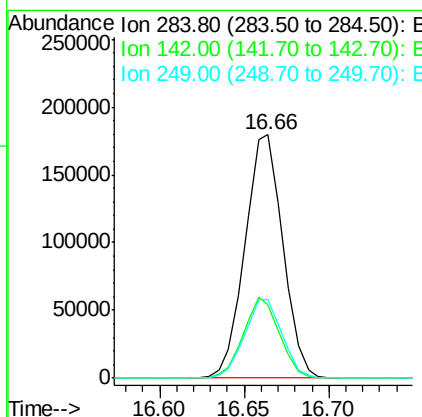
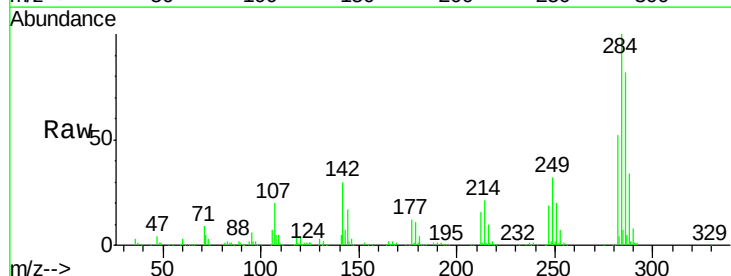
Instrument :
BNA_G
ClientSampleId :
PB129114BS

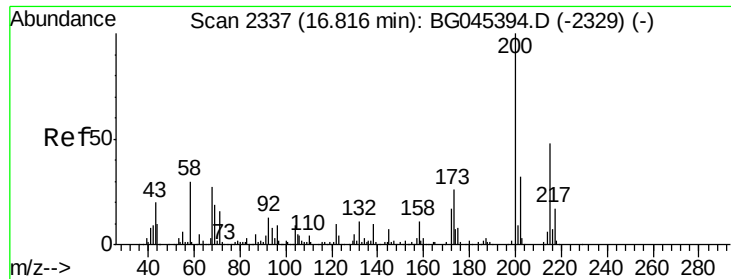
Tot Ion:248 Resp: 262977
Ion Ratio Lower Upper
248 100
250 94.5 78.6 117.8
141 65.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 51.279 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:284 Resp: 279504
Ion Ratio Lower Upper
284 100
142 30.3 23.0 34.6
249 32.3 25.8 38.6





#69

Atrazine

Concen: 46.921 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

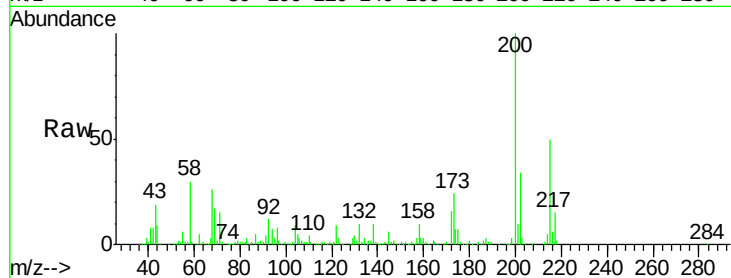
Tot Ion:200 Resp: 223318

Ion Ratio Lower Upper

200 100

173 24.1 5.5 45.5

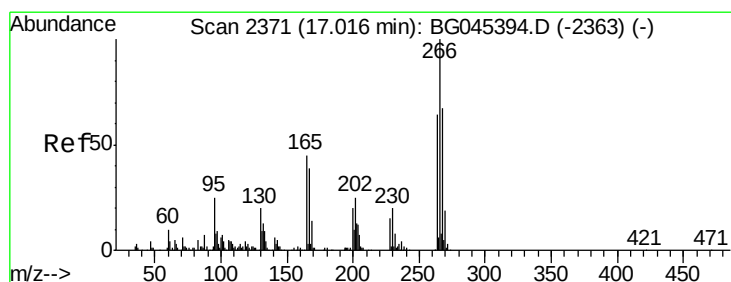
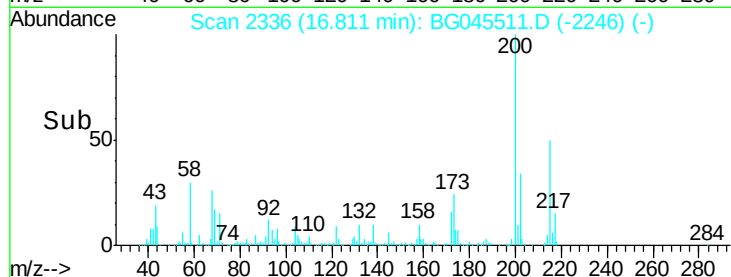
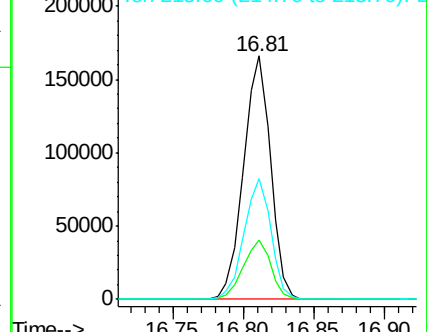
215 49.7 28.2 68.2



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: 100.693 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

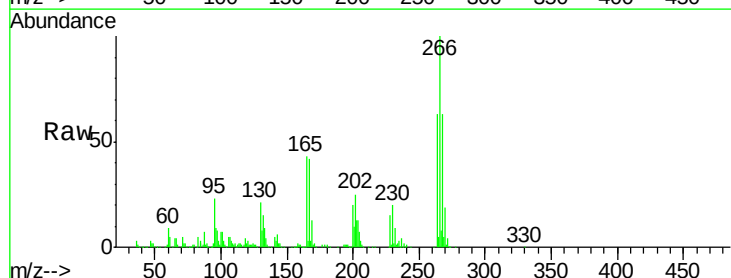
Tgt Ion:266 Resp: 284978

Ion Ratio Lower Upper

266 100

268 63.4 53.2 79.8

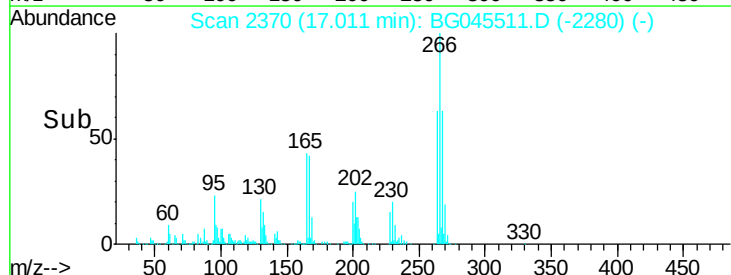
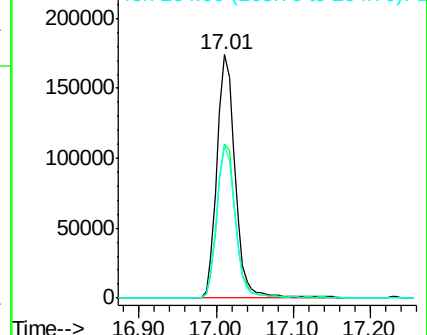
264 62.7 51.0 76.4

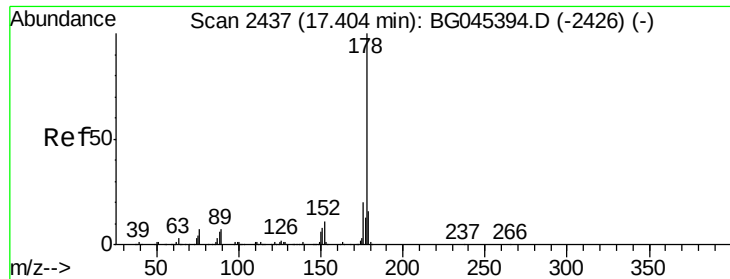


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

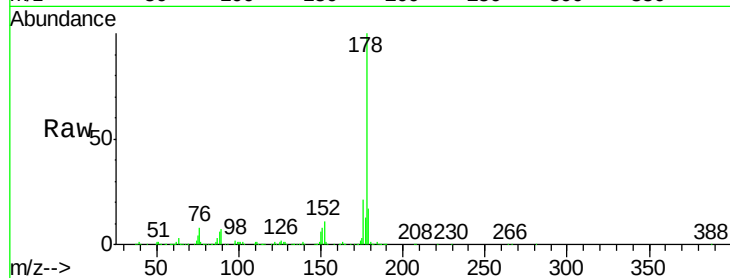




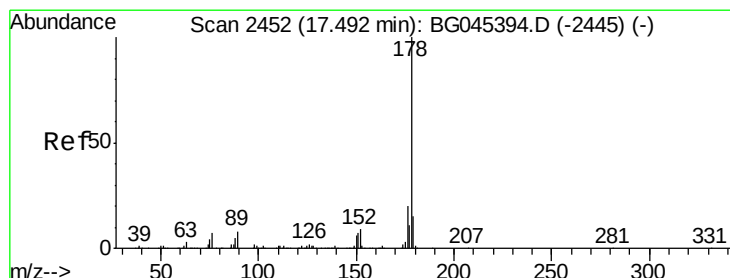
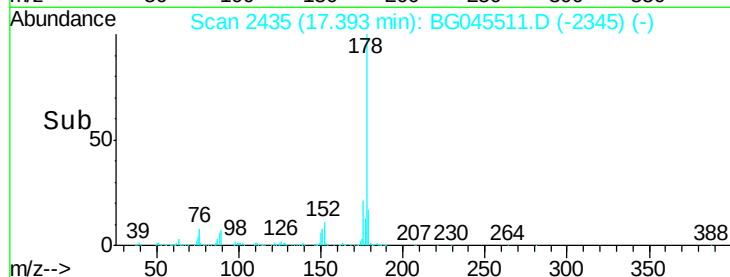
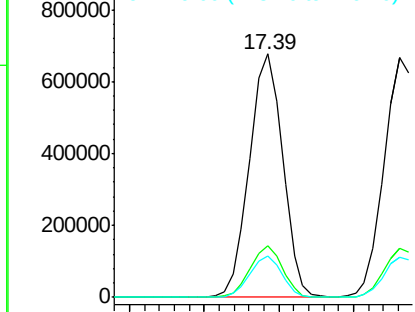
#71
Phenanthrene
Concen: 49.917 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:178 Resp: 1048748
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 17.1 13.1 19.7

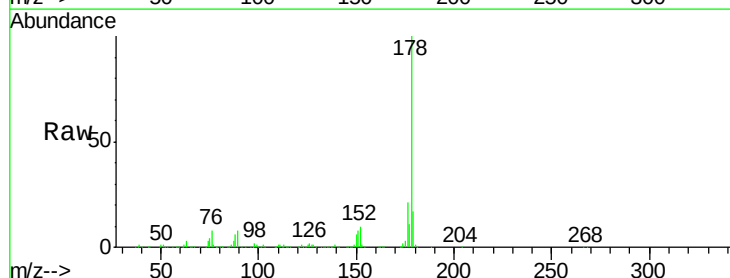


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

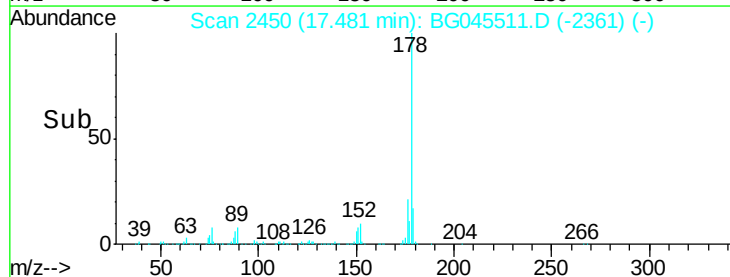
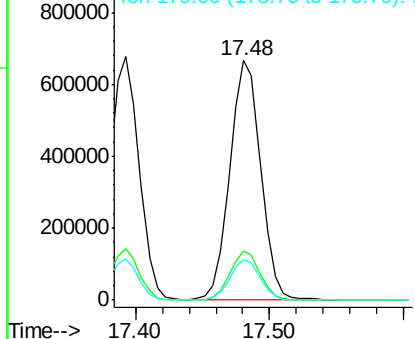


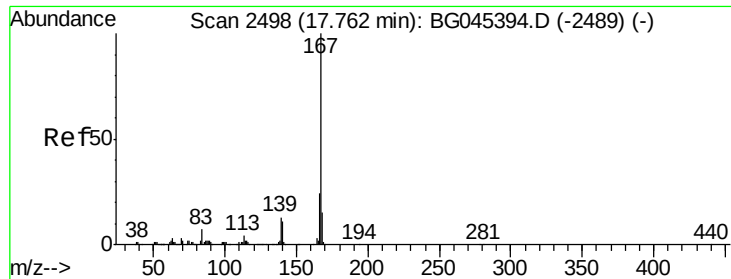
#72
Anthracene
Concen: 50.584 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:178 Resp: 1067261
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.661 ng

RT: 17.76 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

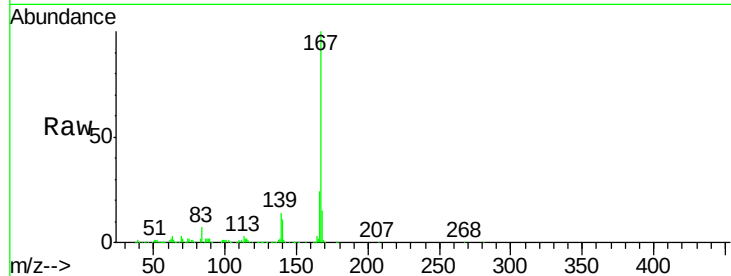
Tot Ion:167 Resp: 959649

Ion Ratio Lower Upper

167 100

166 23.8 19.2 28.8

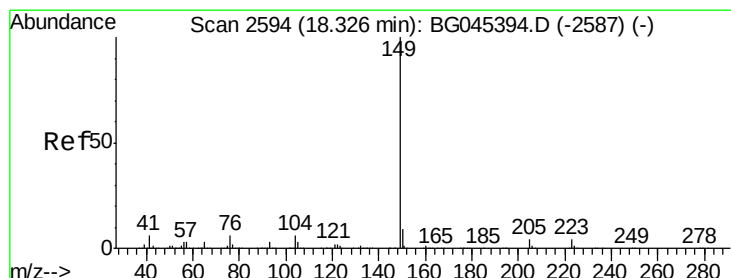
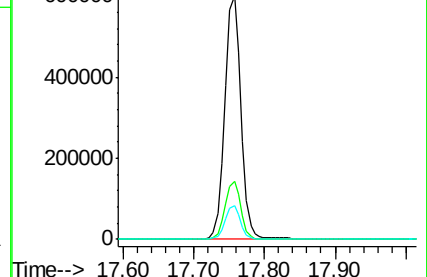
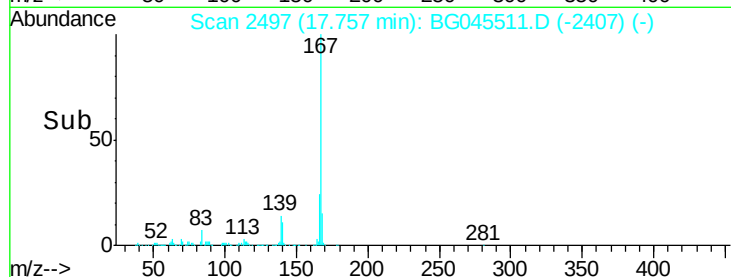
139 13.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.381 ng

RT: 18.31 min Scan# 2592

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

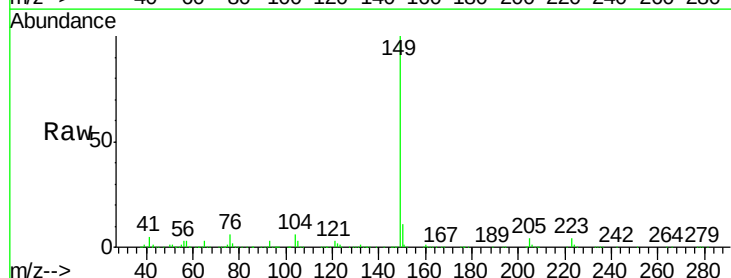
Tgt Ion:149 Resp: 1144893

Ion Ratio Lower Upper

149 100

150 10.5 7.6 11.4

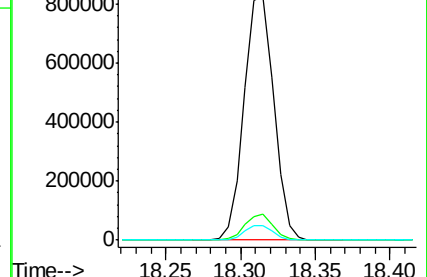
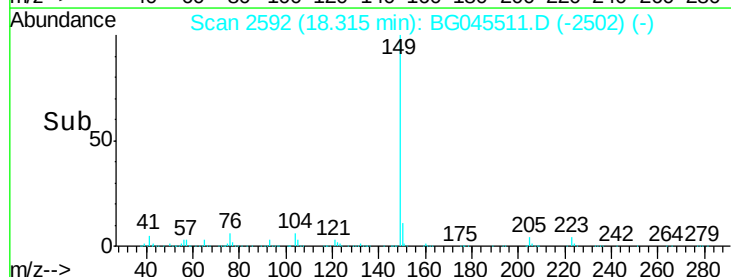
104 6.1 5.0 7.4

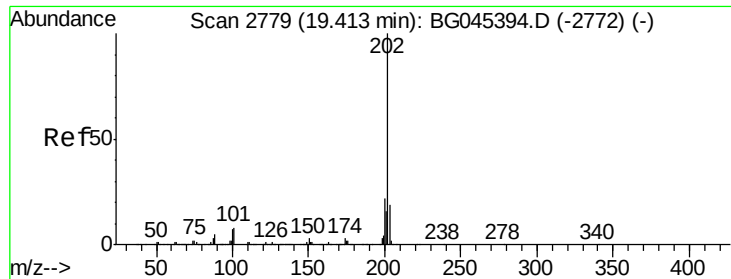


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.138 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

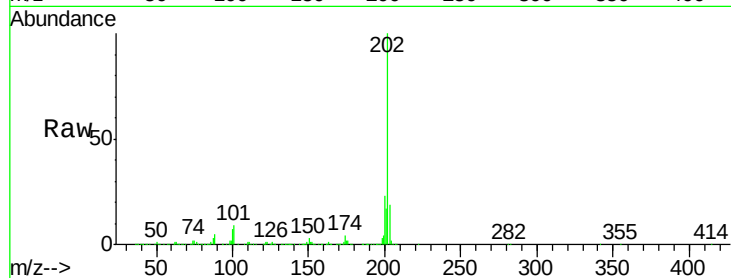
Tot Ion:202 Resp: 1259676

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

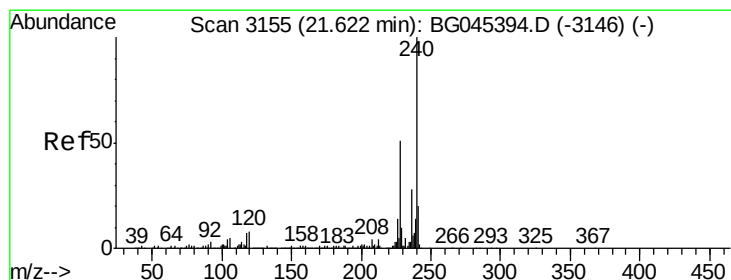
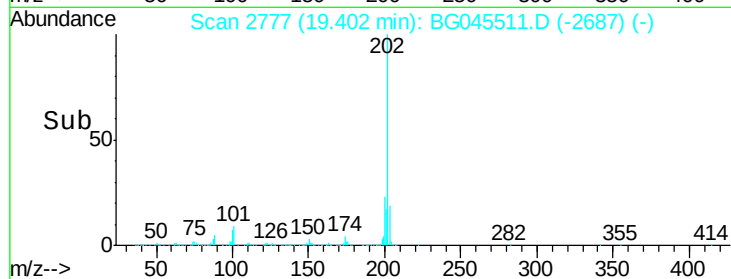
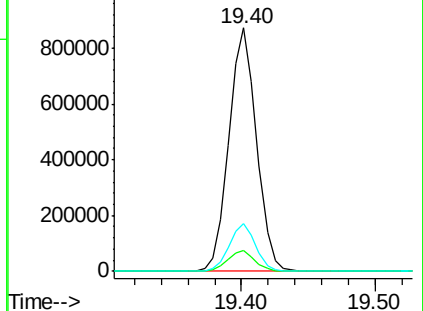
203 19.5 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

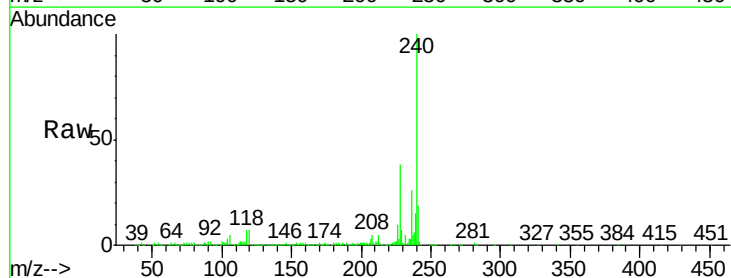
Tgt Ion:240 Resp: 433006

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

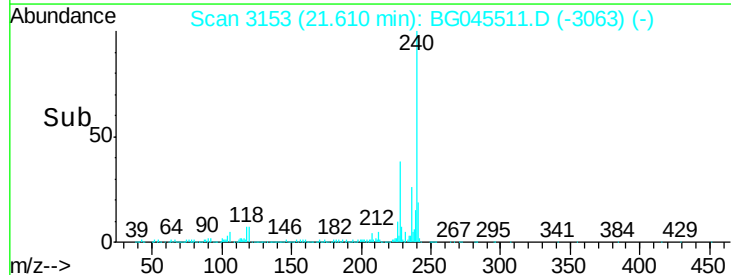
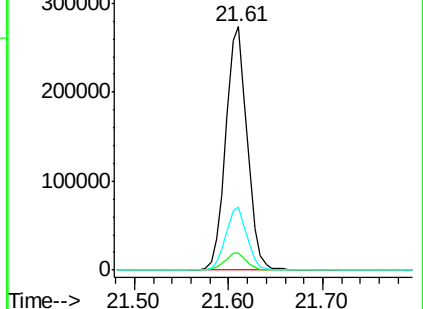
236 25.8 22.3 33.5

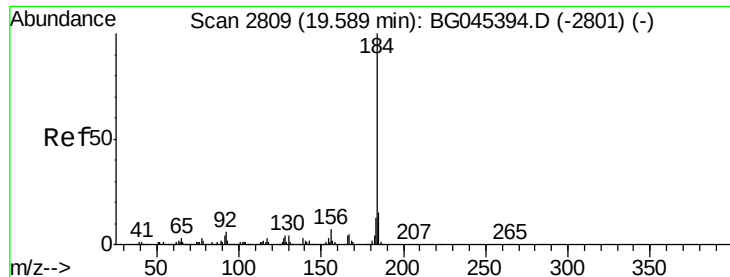


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 65.711 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

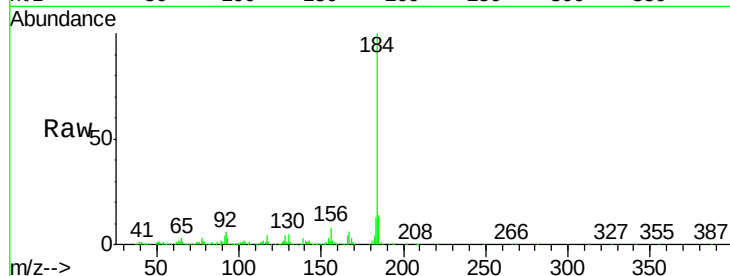
Tot Ion:184 Resp: 799125

Ion Ratio Lower Upper

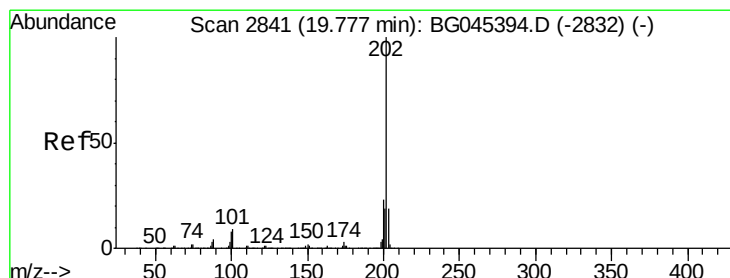
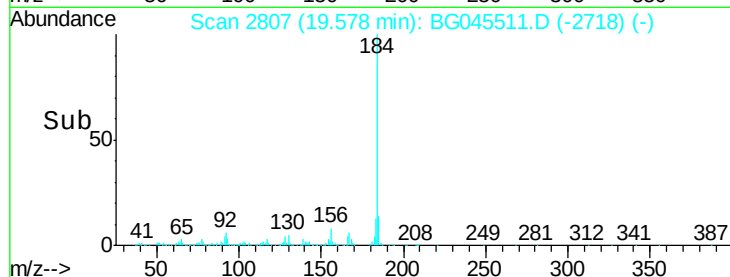
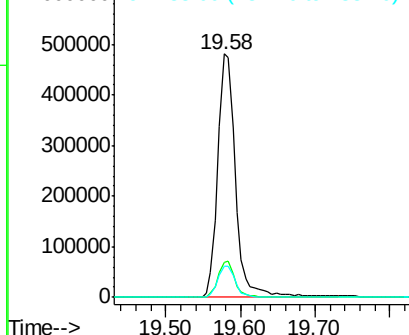
184 100

185 14.1 11.7 17.5

183 12.7 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: 50.362 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

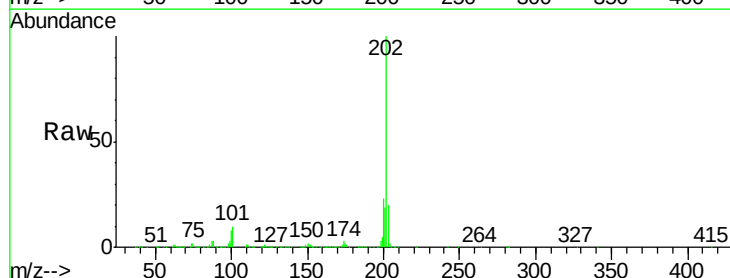
Tgt Ion:202 Resp: 1243082

Ion Ratio Lower Upper

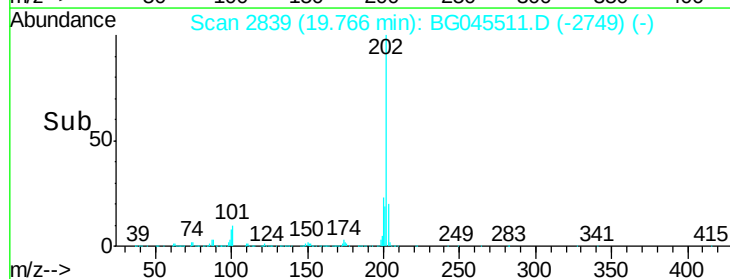
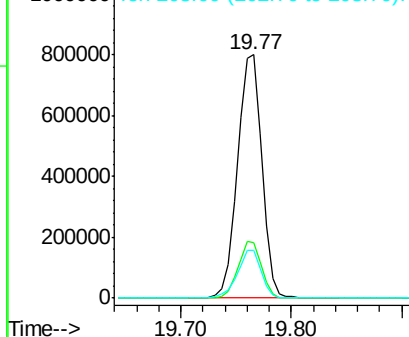
202 100

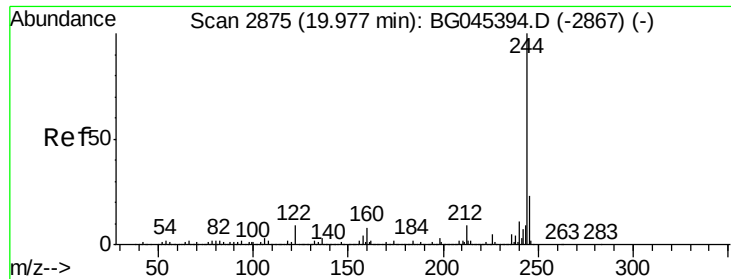
200 22.8 18.2 27.2

203 19.9 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: 102.850 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

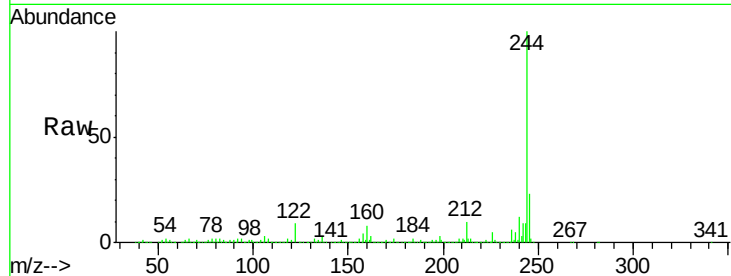
Tot Ion:244 Resp: 1909484

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

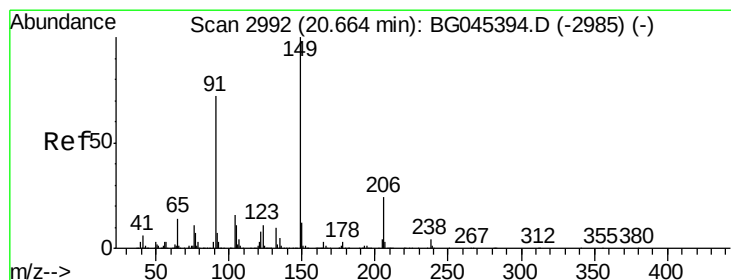
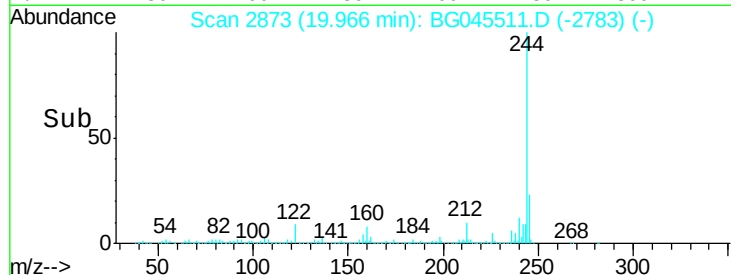
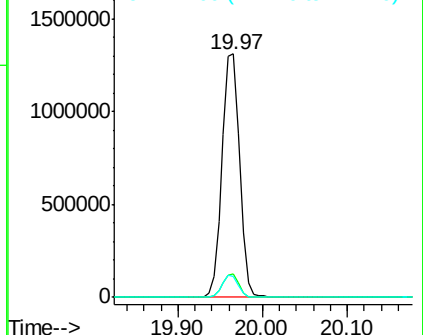
122 8.6 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.620 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

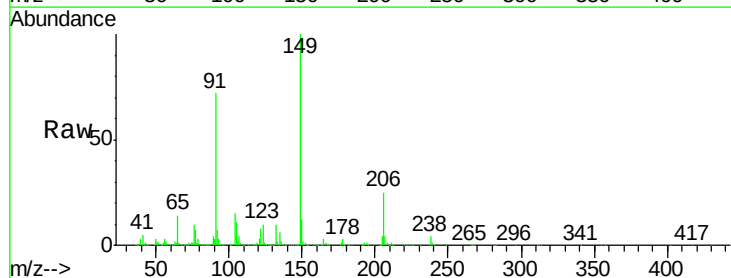
Tgt Ion:149 Resp: 507343

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.6

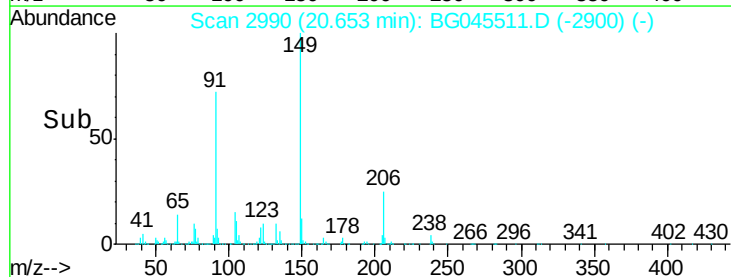
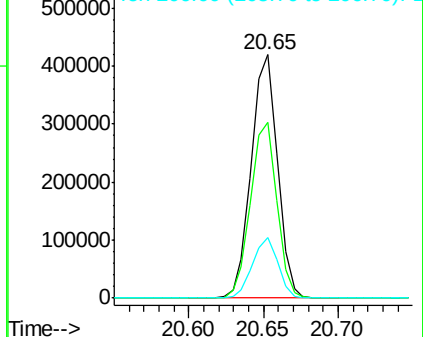
206 24.6 19.1 28.7

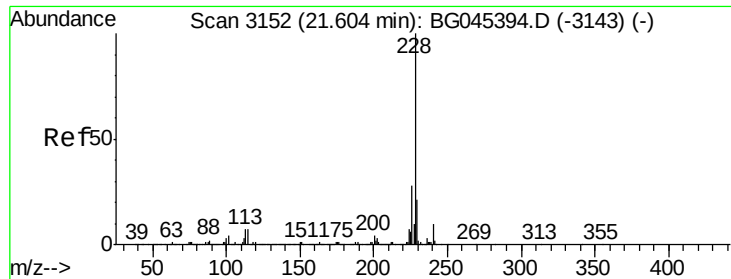


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.171 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

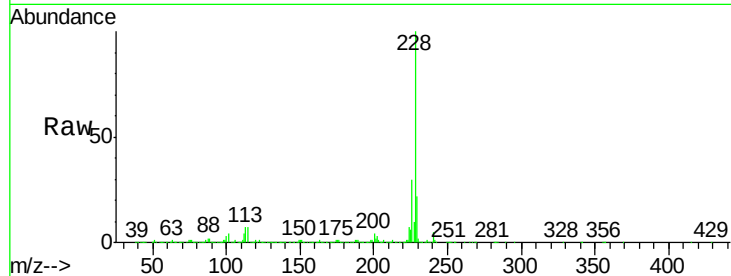
Tot Ion:228 Resp: 1210186

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	22.4	16.7	25.1

228 100

226 30.0 22.7 34.1

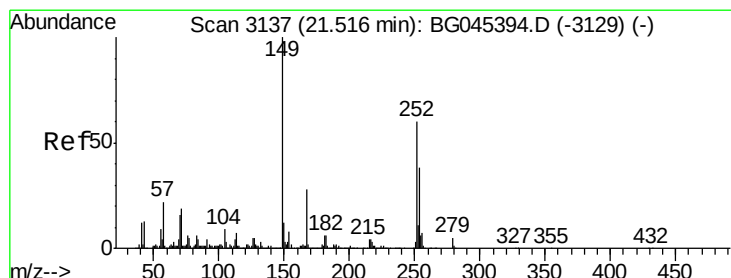
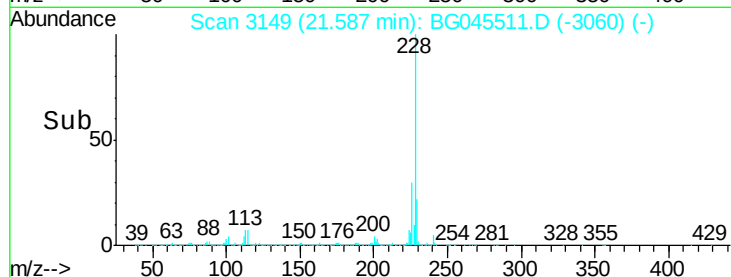
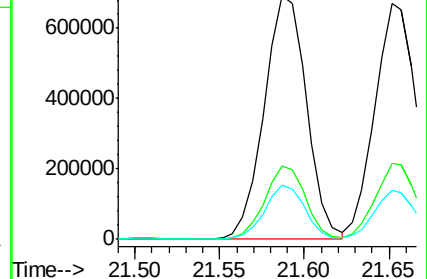
229 22.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.967 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

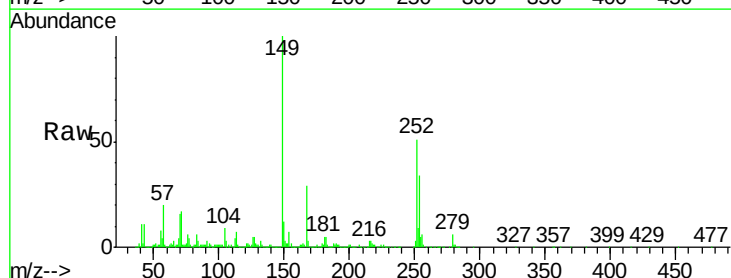
Tgt Ion:252 Resp: 416013

Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	9.0	6.6	10.0

252 100

254 66.4 51.3 76.9

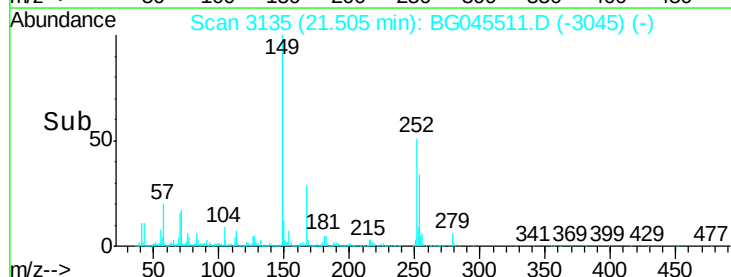
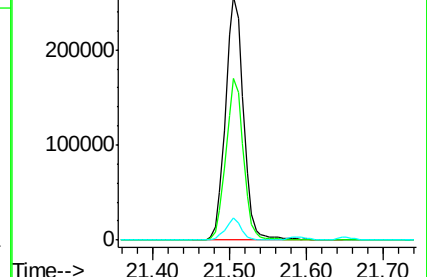
126 9.0 6.6 10.0

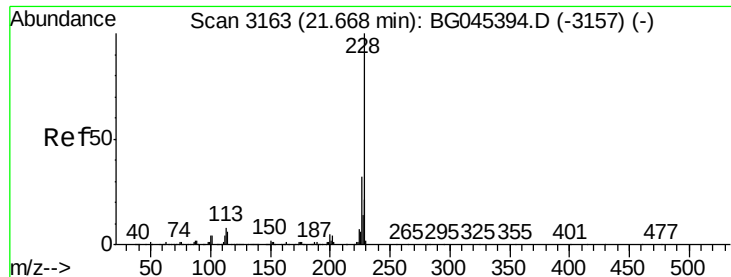


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.696 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

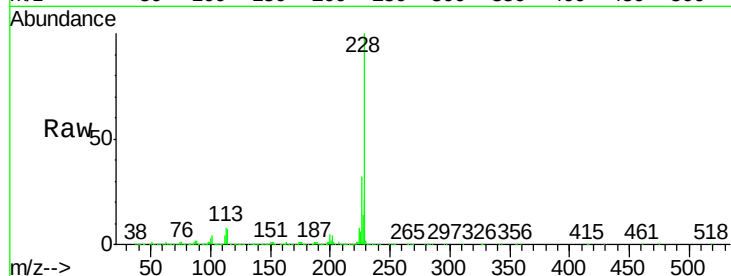
Tot Ion:228 Resp: 1152638

Ion Ratio Lower Upper

228 100

226 32.3 25.2 37.8

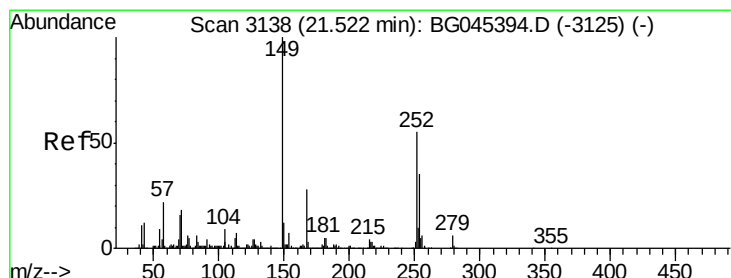
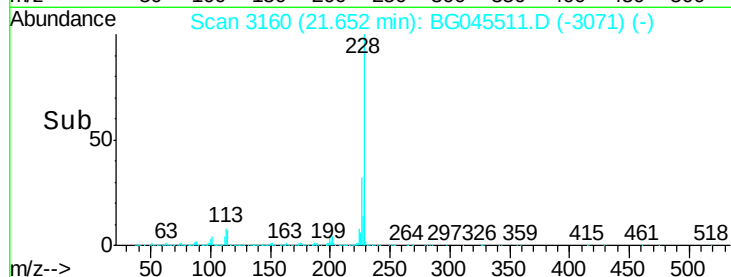
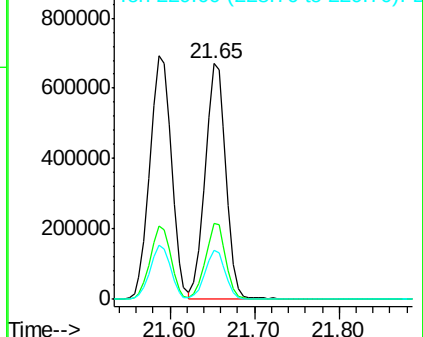
229 20.8 16.7 25.1



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: 48.456 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

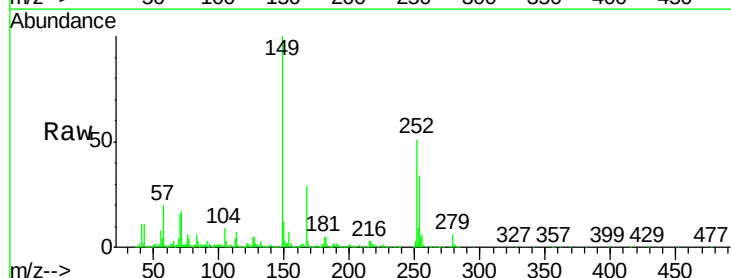
Tgt Ion:149 Resp: 709659

Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

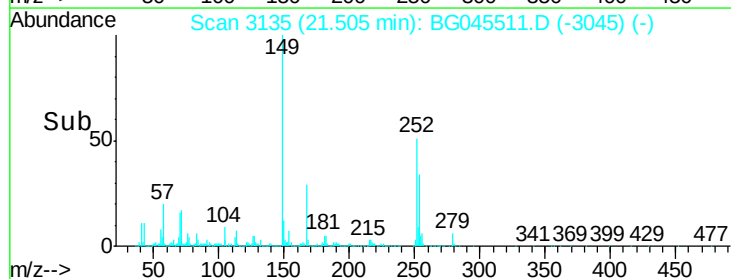
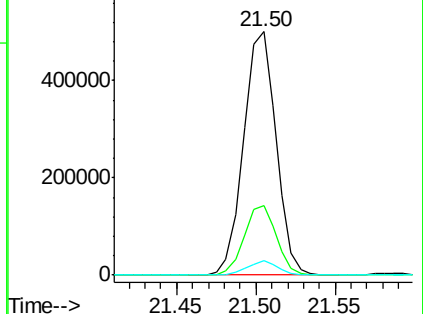
279 6.2 4.7 7.1

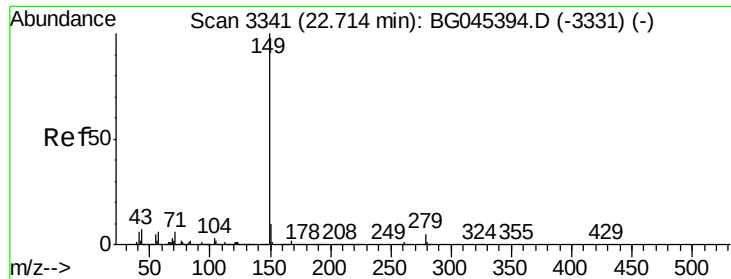


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

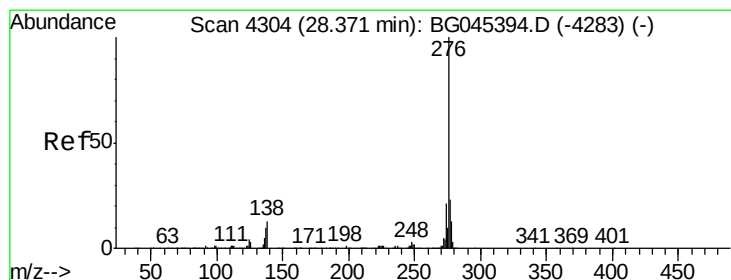
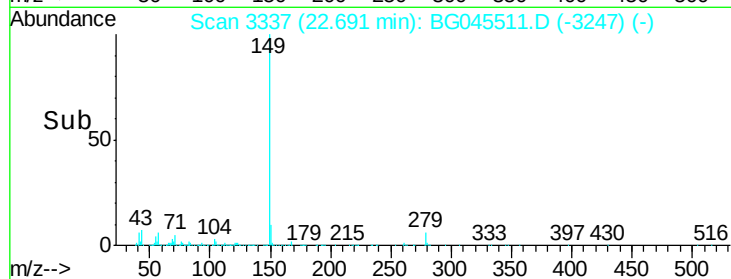
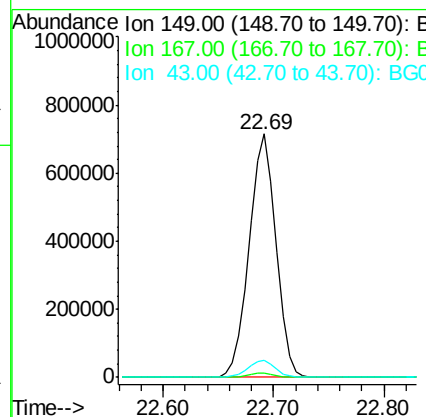
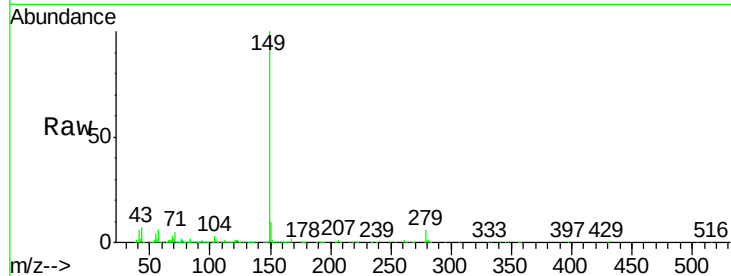




#85
Di-n-octyl phthalate
Concen: 48.353 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

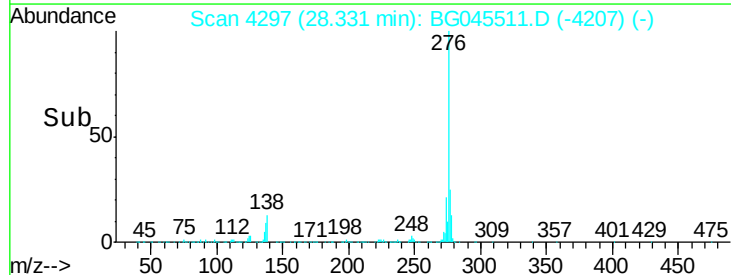
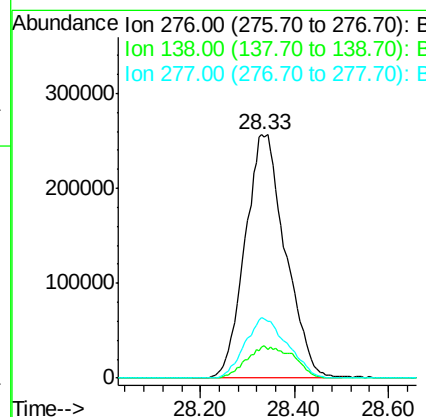
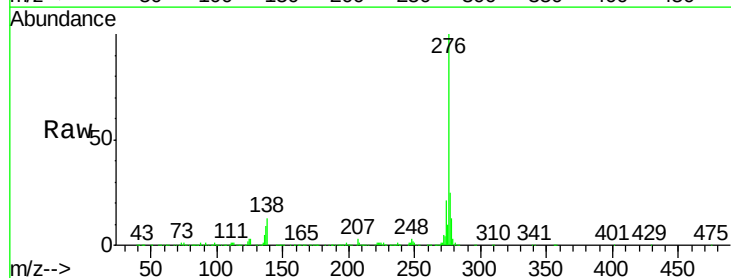
Instrument :
BNA_G
ClientSampleId :
PB129114BS

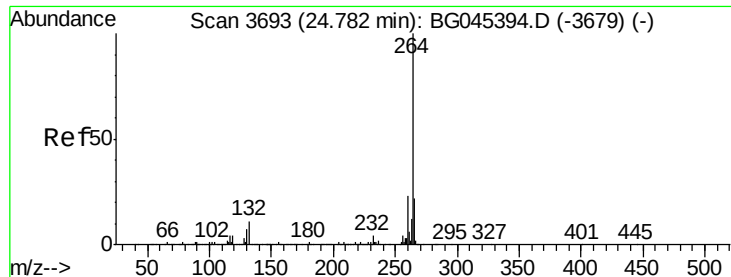
Tot Ion:149 Resp: 1216245
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 6.9 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.395 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:276 Resp: 1528478
Ion Ratio Lower Upper
276 100
138 15.3 8.6 12.8#
277 25.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

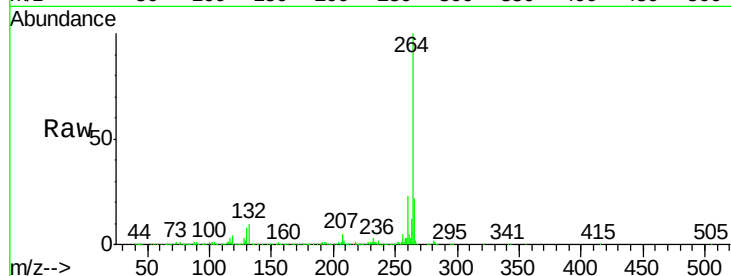
Tot Ion:264 Resp: 482103

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

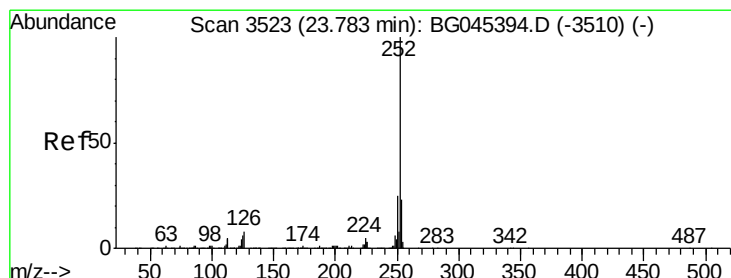
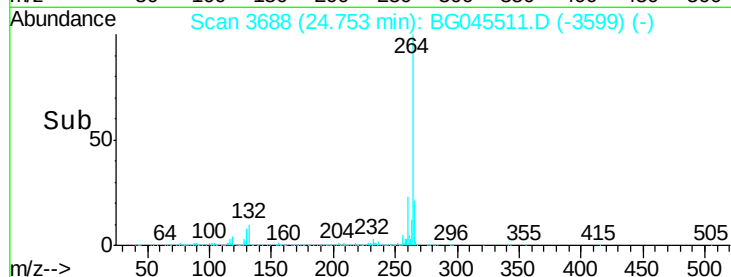
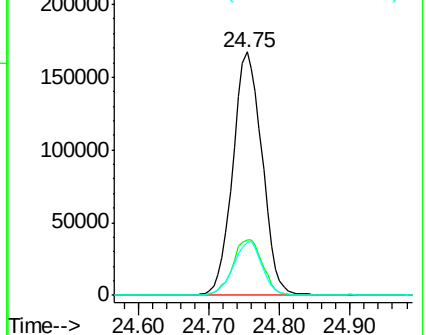
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.762 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

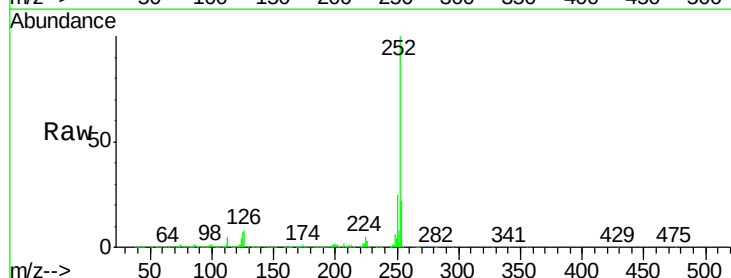
Tgt Ion:252 Resp: 1312480

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

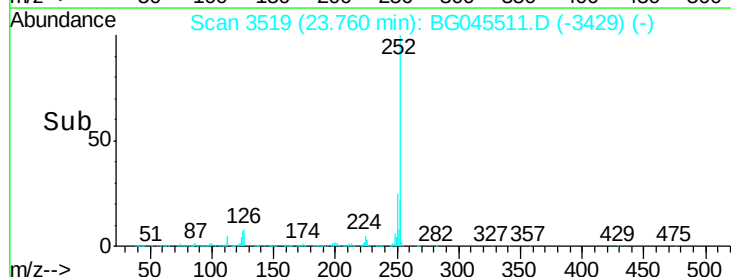
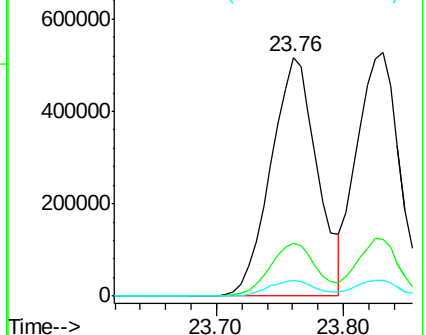
125 6.8 5.0 7.6

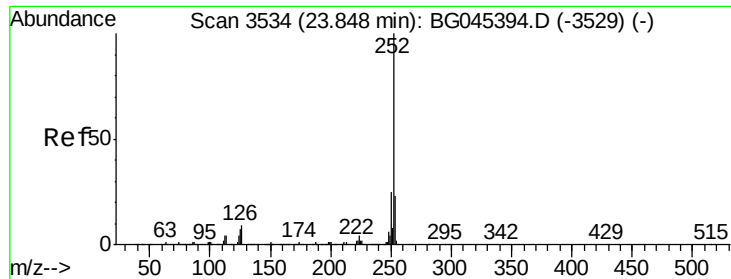


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

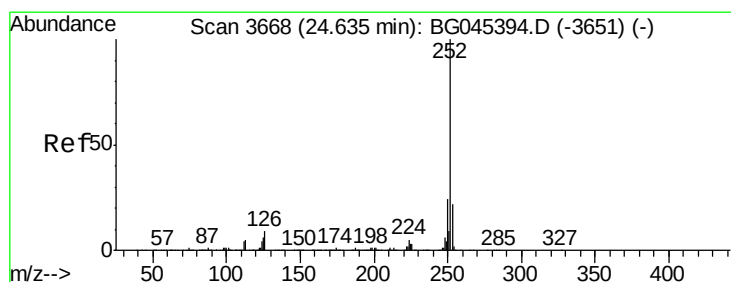
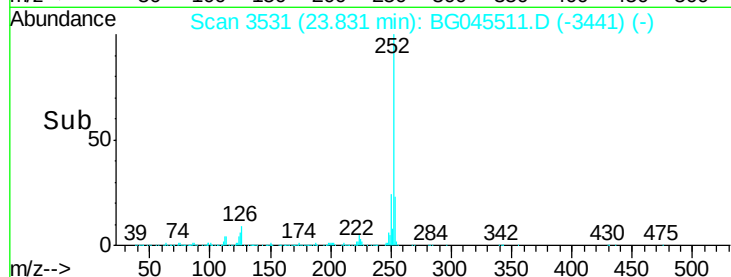
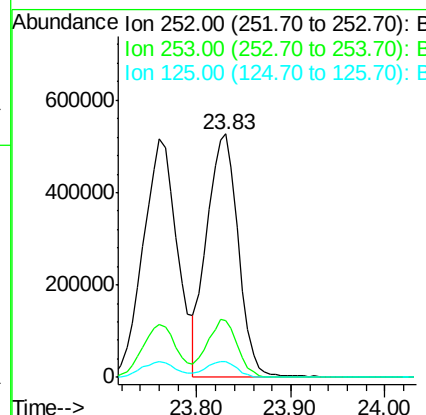
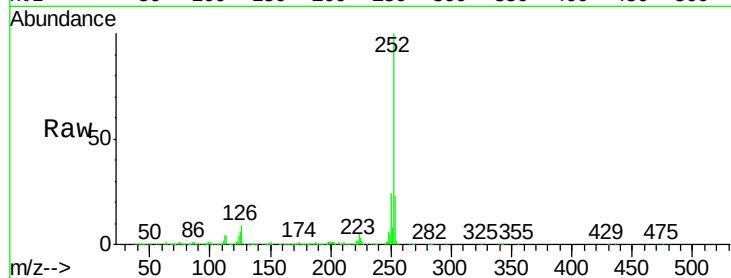




#89
Benzo(k)fluoranthene
Concen: 50.459 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

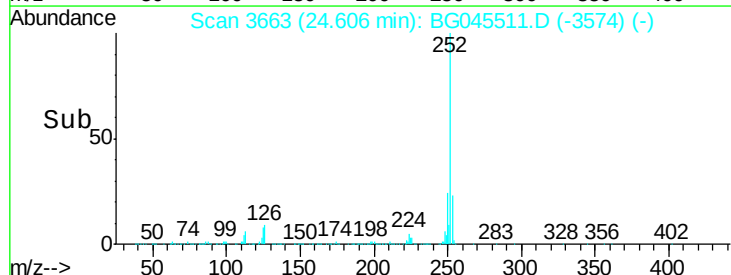
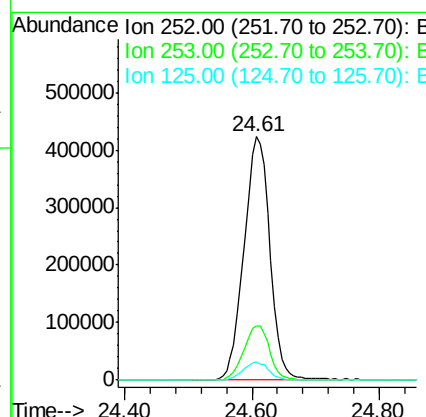
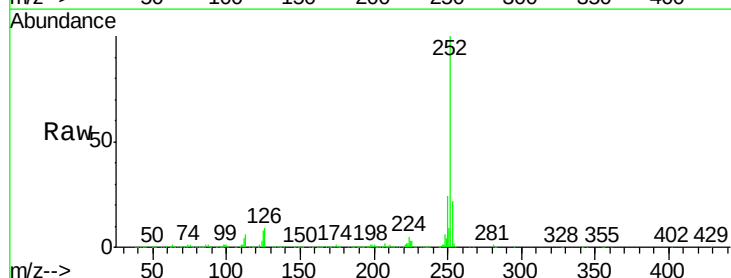
Instrument :
BNA_G
ClientSampleId :
PB129114BS

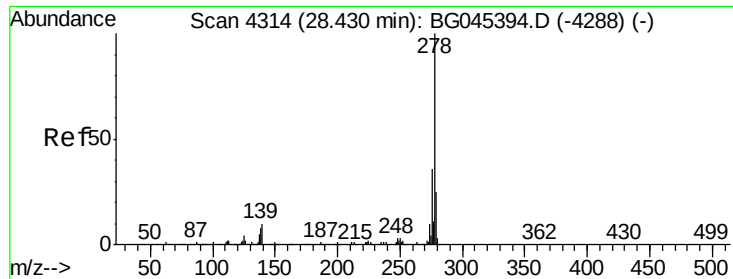
Tot Ion:252 Resp: 1225708
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.4 5.7 8.5



#90
Benzo(a)pyrene
Concen: 49.604 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:252 Resp: 1194465
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 7.6 5.0 7.6#

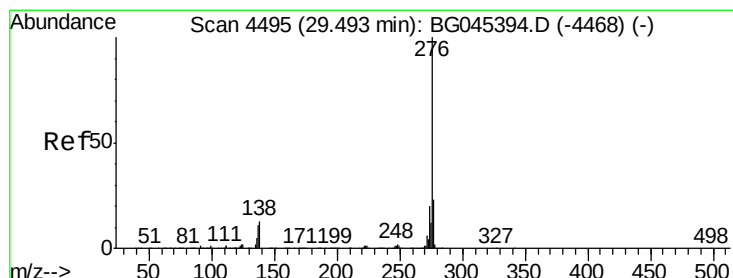
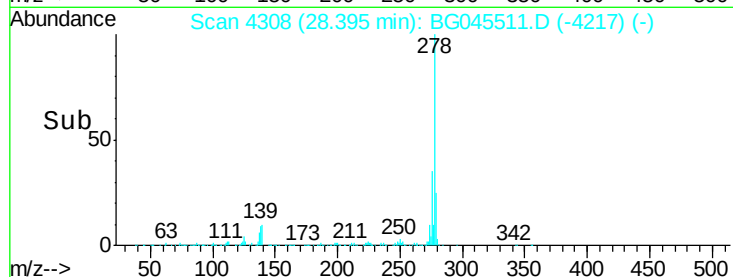
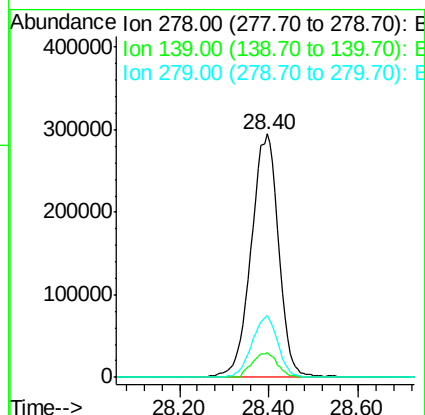
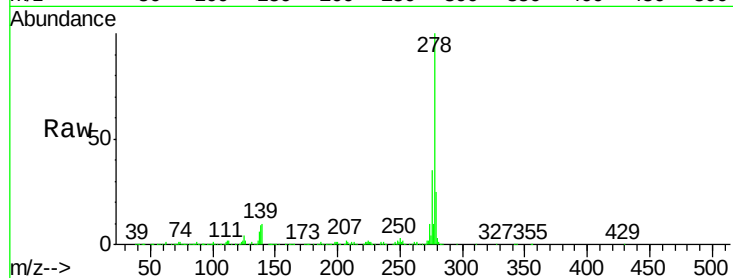




#91
Dibenzo(a,h)anthracene
Concen: 51.256 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:278 Resp: 1240311
Ion Ratio Lower Upper
278 100
139 10.1 7.8 11.8
279 25.3 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 52.568 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:276 Resp: 1272206
Ion Ratio Lower Upper
276 100
277 24.3 18.1 27.1
138 12.9 10.2 15.4

