

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045520.D
 Acq On : 29 May 2020 12:38
 Operator : CG/JU
 Sample : PB129114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Quant Time: May 29 13:14:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70137	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	285325	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	203134	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	491351	20.00	ng	0.00
76) Chrysene-d12	21.61	240	470062	20.00	ng	0.00
87) Perylene-d12	24.75	264	522090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	476077	132.65	ng	0.00
7) Phenol-d6	7.16	99	657870	128.79	ng	0.00
23) Nitrobenzene-d5	9.11	82	418553	79.99	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	316250	121.74	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	964702	80.55	ng	0.00
79) Terphenyl-d14	19.96	244	1672305	82.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	60635	34.071	ng	97
3) Pyridine	3.80	79	136733	27.587	ng	98
4) n-Nitrosodimethylamine	3.72	42	60999	37.609	ng	# 96
6) Aniline	7.28	93	171100	25.660	ng	96
8) 2-Chlorophenol	7.53	128	176087	44.742	ng	96
9) Benzaldehyde	7.09	77	116835	35.107	ng	94
10) Phenol	7.19	94	231807	44.032	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	159949	38.952	ng	99
12) 1,3-Dichlorobenzene	7.85	146	182242	38.533	ng	98
13) 1,4-Dichlorobenzene	7.99	146	187424	40.156	ng	97
14) 1,2-Dichlorobenzene	8.31	146	178708	39.809	ng	97
15) Benzyl Alcohol	8.20	79	176345	41.791	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151166	38.782	ng	99
17) 2-Methylphenol	8.43	107	157343	39.930	ng	97
18) Hexachloroethane	9.04	117	71495	39.995	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	145051	41.065	ng	98
20) 3+4-Methylphenols	8.43	107	157343	29.323	ng	80
22) Acetophenone	8.77	105	262510	38.818	ng	# 96
24) Nitrobenzene	9.16	77	214143	38.200	ng	96
25) Isophorone	9.68	82	392050	38.047	ng	98
26) 2-Nitrophenol	9.87	139	99057	41.307	ng	94
27) 2,4-Dimethylphenol	9.95	122	166962	46.942	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	220397	40.784	ng	100
29) 2,4-Dichlorophenol	10.43	162	180042	42.866	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	193637	39.016	ng	95
31) Naphthalene	10.81	128	532757	40.069	ng	99
32) Benzoic acid	10.13	122	107362	45.138	ng	98
33) 4-Chloroaniline	10.93	127	68254	12.281	ng	99
34) Hexachlorobutadiene	11.11	225	132187	37.679	ng	96
35) Caprolactam	11.69	113	31500	20.433	ng	# 82
36) 4-Chloro-3-methylphenol	12.08	107	199494	42.151	ng	94
37) 2-Methylnaphthalene	12.42	142	406424	41.012	ng	99
38) 1-Methylnaphthalene	12.42	142	406424	43.416	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	227274	40.057	ng	99

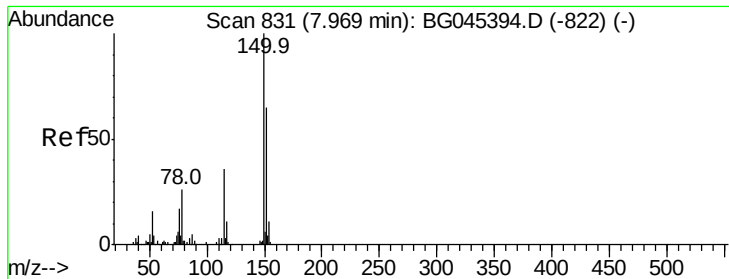
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045520.D
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 Operator : CG/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	265916	81.200	ng	96
43) 2,4,6-Trichlorophenol	13.04	196	156173	39.624	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	172162	38.224	ng	93
46) 1,1'-Biphenyl	13.43	154	522089	41.828	ng	99
47) 2-Chloronaphthalene	13.47	162	395209	38.992	ng	99
48) 2-Nitroaniline	13.68	65	126902	38.063	ng	92
49) Acenaphthylene	14.32	152	667784	41.018	ng	100
50) Dimethylphthalate	14.06	163	539819	38.739	ng	99
51) 2,6-Dinitrotoluene	14.17	165	122770	39.044	ng	97
52) Acenaphthene	14.67	154	392670	36.032	ng	98
53) 3-Nitroaniline	14.51	138	59374	18.575	ng	92
54) 2,4-Dinitrophenol	14.71	184	150745	73.650	ng	99
55) Dibenzofuran	15.00	168	639932	39.543	ng	96
56) 4-Nitrophenol	14.87	139	190469	78.706	ng	95
57) 2,4-Dinitrotoluene	14.97	165	178556	39.209	ng	96
58) Fluorene	15.65	166	532312	40.037	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	159367	40.219	ng	97
60) Diethylphthalate	15.42	149	557253	38.421	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	289627	38.068	ng	99
62) 4-Nitroaniline	15.68	138	123100	36.890	ng	97
63) Azobenzene	15.93	77	537216	39.723	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	114608	40.050	ng	96
66) n-Nitrosodiphenylamine	15.86	169	474810	40.247	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	206341	38.782	ng	99
68) Hexachlorobenzene	16.66	284	221790	39.856	ng	98
69) Atrazine	16.81	200	184674	38.005	ng	99
70) Pentachlorophenol	17.01	266	240465	83.221	ng	97
71) Phenanthrene	17.39	178	864199	40.289	ng	99
72) Anthracene	17.48	178	893997	41.502	ng	98
73) Carbazole	17.76	167	825646	39.322	ng	98
74) Di-n-butylphthalate	18.31	149	991087	39.326	ng	100
75) Fluoranthene	19.40	202	1085978	39.804	ng	99
77) Benzidine	19.58	184	526629	39.890	ng	99
78) Pyrene	19.77	202	1090319	40.690	ng	100
80) Butylbenzylphthalate	20.65	149	444382	38.422	ng	99
81) Benzo(a)anthracene	21.59	228	1060955	40.517	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	233014	22.685	ng	99
83) Chrysene	21.65	228	1000671	39.743	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	623109	39.193	ng	98
85) Di-n-octyl phthalate	22.69	149	1060399	38.833	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1314897	39.936	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1138737	40.669	ng	99
89) Benzo(k)fluoranthene	23.83	252	1084470	41.225	ng	99
90) Benzo(a)pyrene	24.61	252	1033173	39.619	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	1079729	41.203	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1093996	41.742	ng	99

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

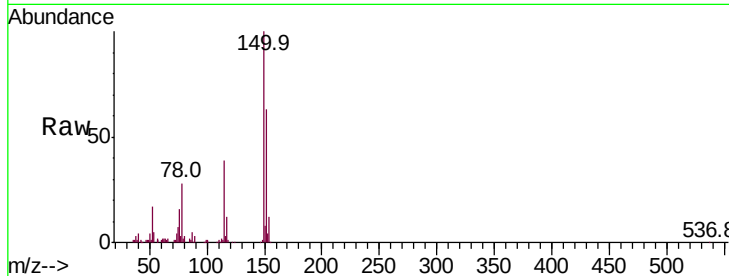


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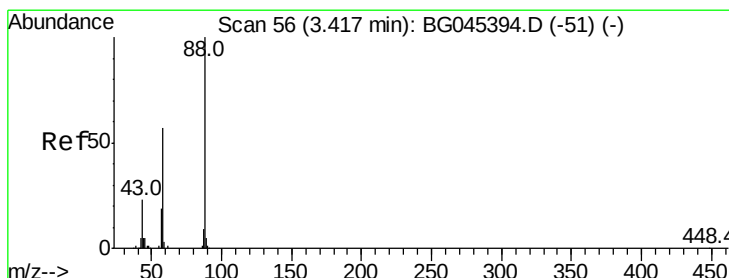
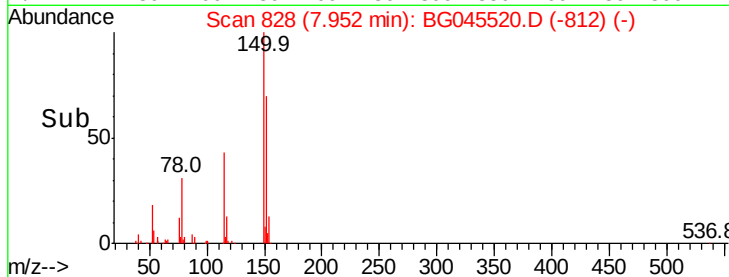
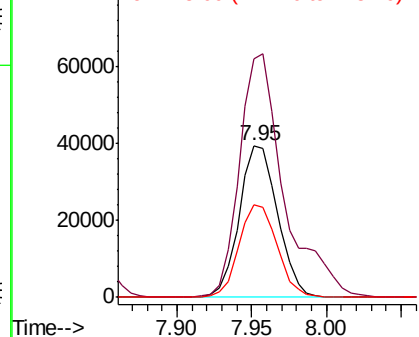
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:152 Resp: 70137
Ion Ratio Lower Upper
152 100
150 157.5 122.4 183.6
115 61.0 44.2 66.4



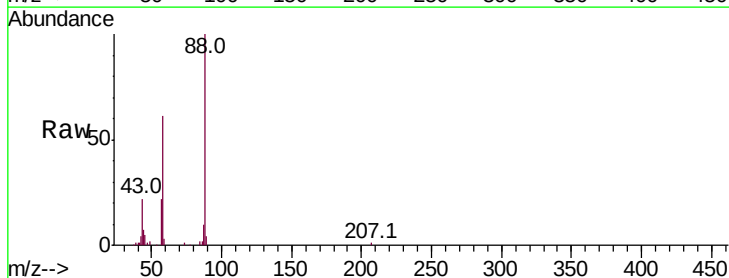
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



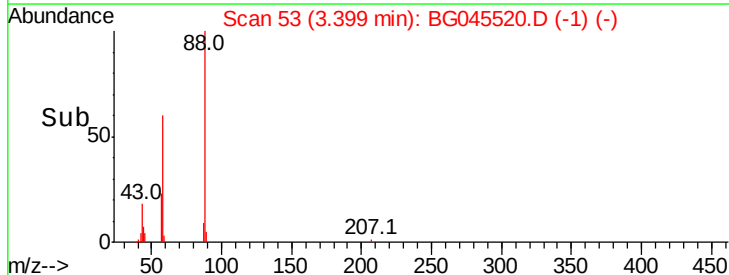
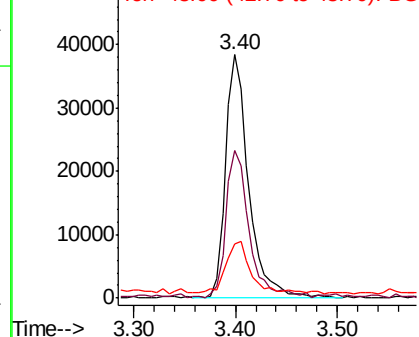
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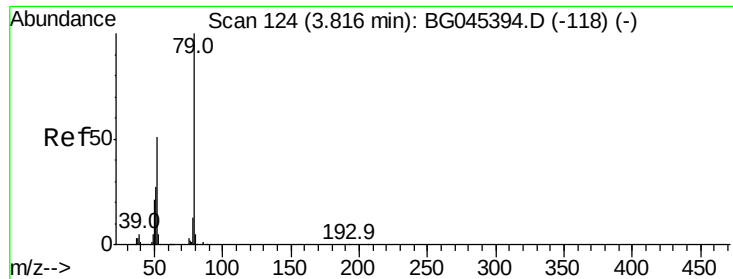
1,4-Dioxane
Concen: 34.071 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion: 88 Resp: 60635
Ion Ratio Lower Upper
88 100
58 59.6 45.7 68.5
43 20.8 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.587 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

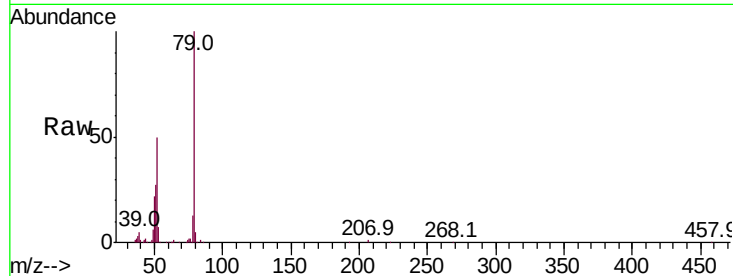
Tot Ion: 79 Resp: 136733

Ion Ratio Lower Upper

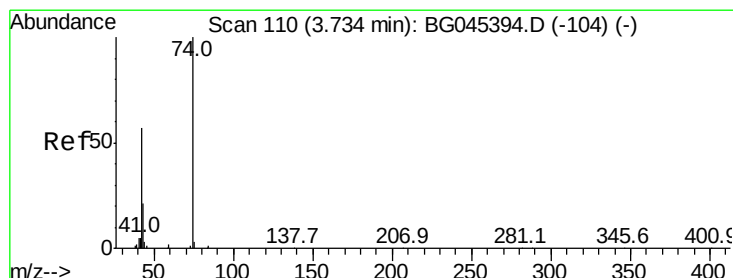
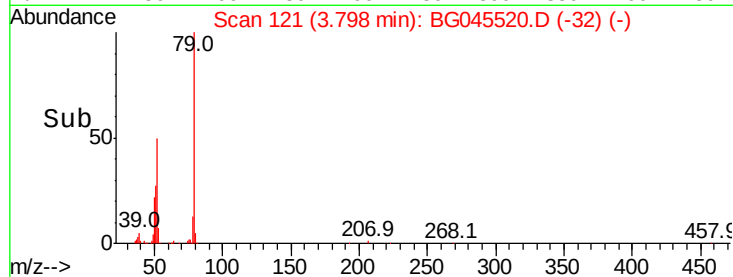
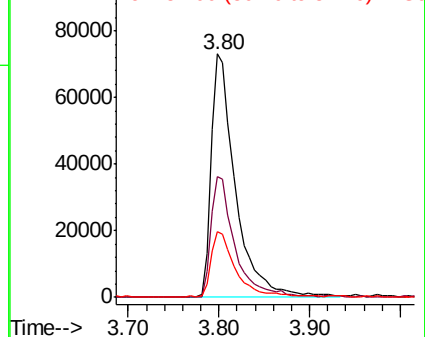
79 100

52 49.6 40.8 61.2

51 26.9 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 37.609 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

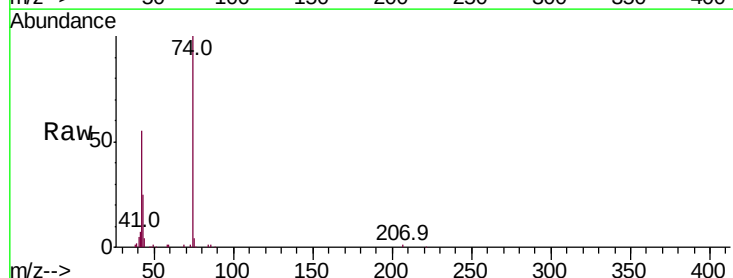
Tgt Ion: 42 Resp: 60999

Ion Ratio Lower Upper

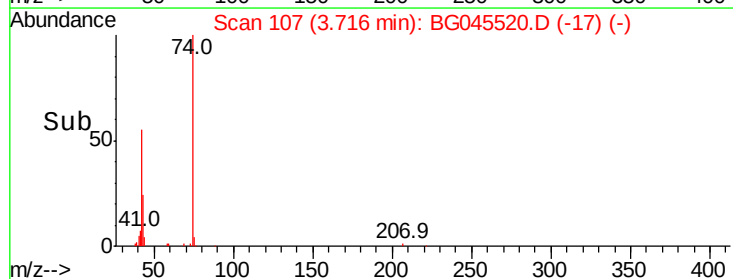
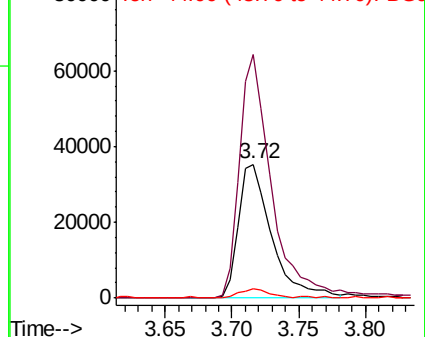
42 100

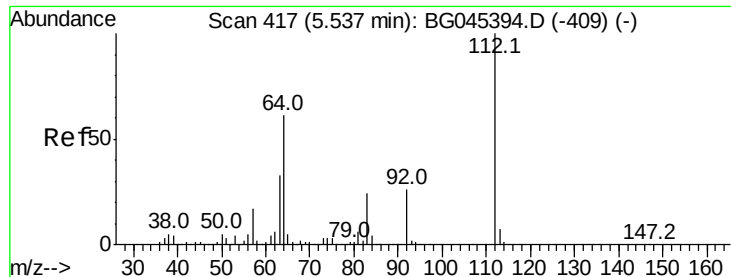
74 181.6 141.3 211.9

44 6.9 4.2 6.4#



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





#5

2-Fluorophenol

Concen: 132.654 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

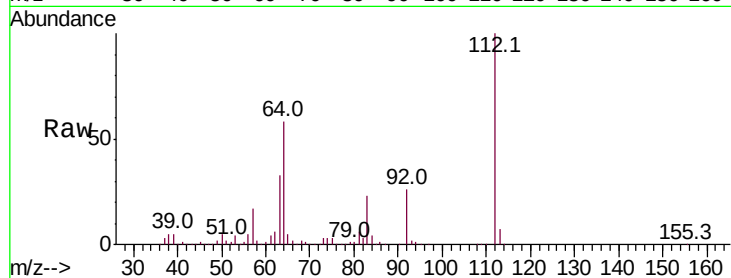
Tot Ion:112 Resp: 476077

Ion Ratio Lower Upper

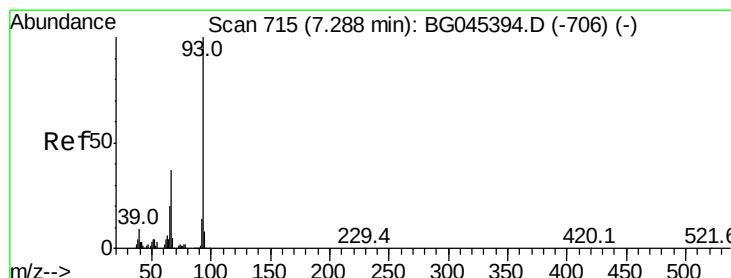
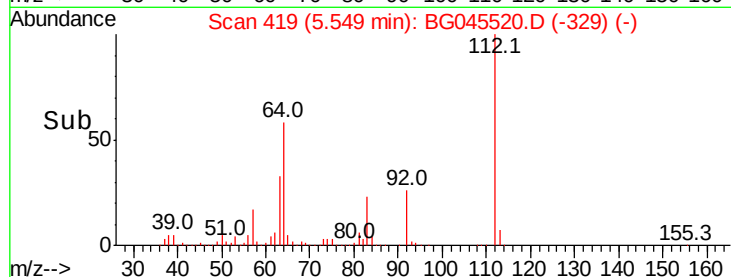
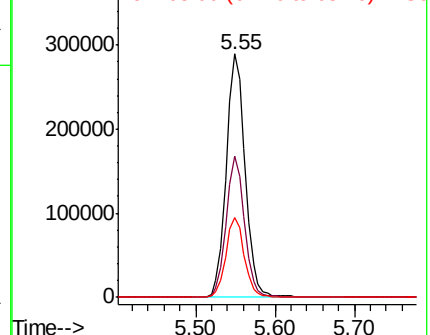
112 100

64 58.1 48.6 72.8

63 32.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.660 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

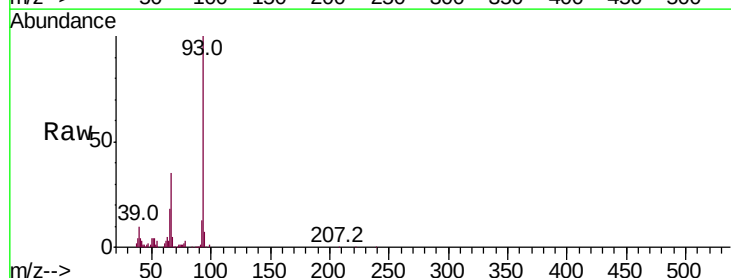
Tgt Ion: 93 Resp: 171100

Ion Ratio Lower Upper

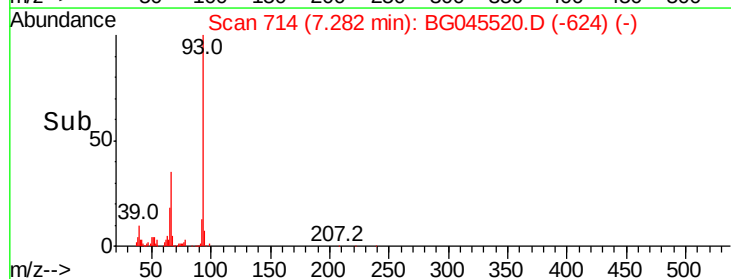
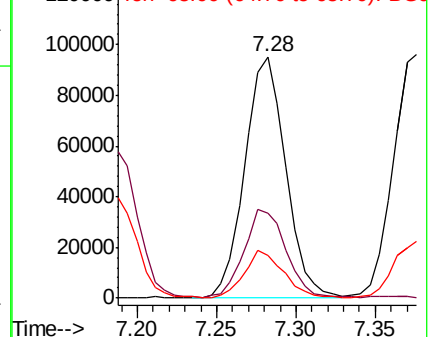
93 100

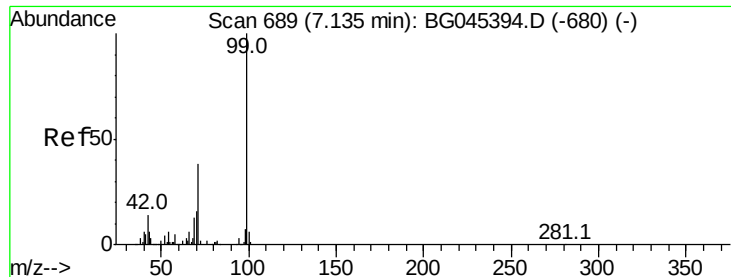
66 35.1 29.6 44.4

65 17.7 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: 128.791 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

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ClientSampleId :

PB129114BS

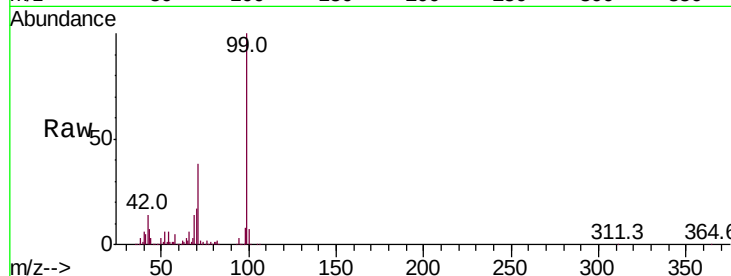
Tot Ion: 99 Resp: 657870

Ion Ratio Lower Upper

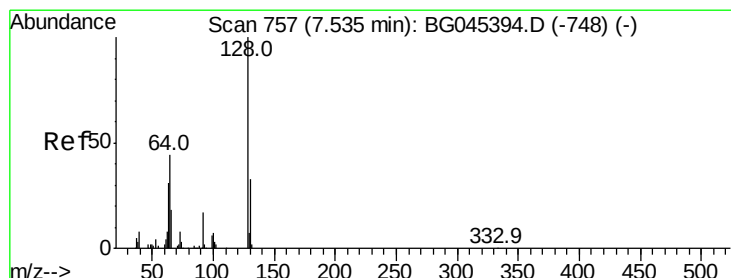
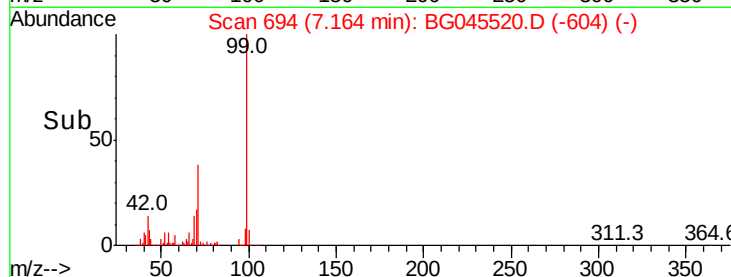
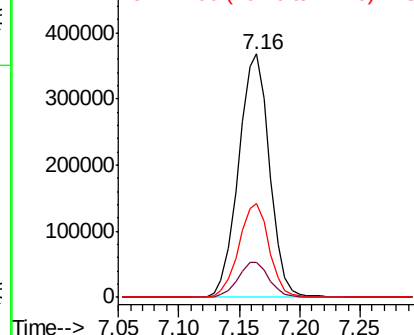
99 100

42 14.1 11.3 16.9

71 38.4 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: 44.742 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

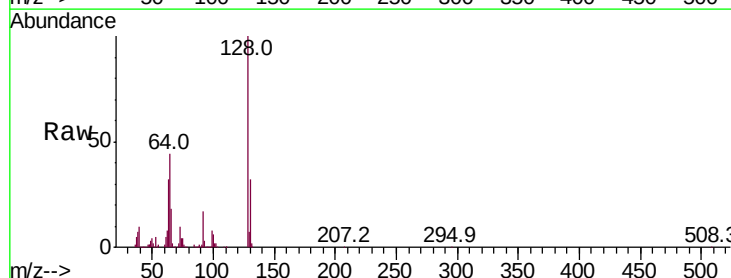
Tgt Ion: 128 Resp: 176087

Ion Ratio Lower Upper

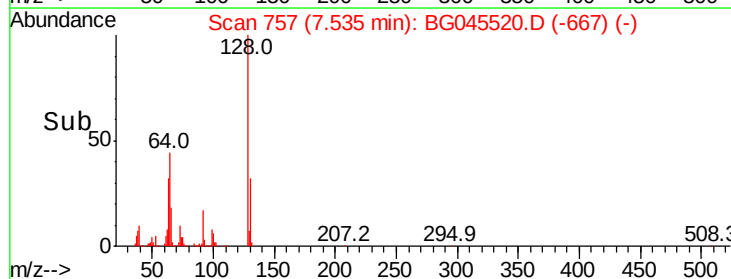
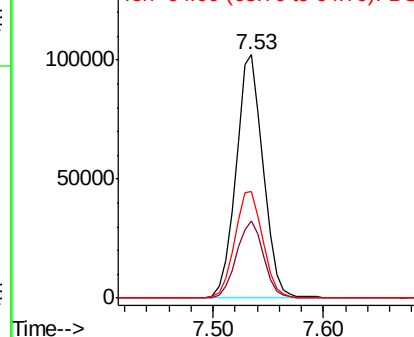
128 100

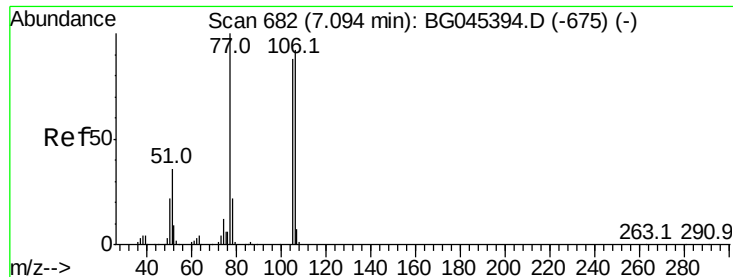
130 31.7 12.6 52.6

64 43.8 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: 35.107 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

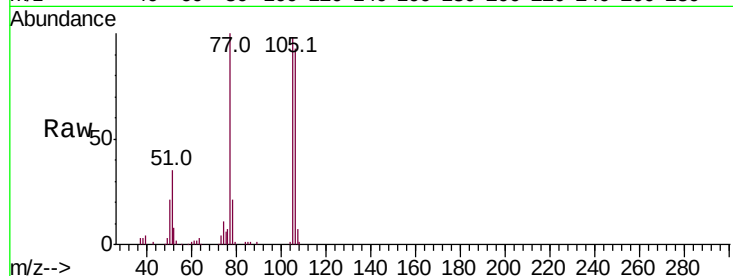
Tot Ion: 77 Resp: 116835

Ion Ratio Lower Upper

77 100

105 98.4 68.5 108.5

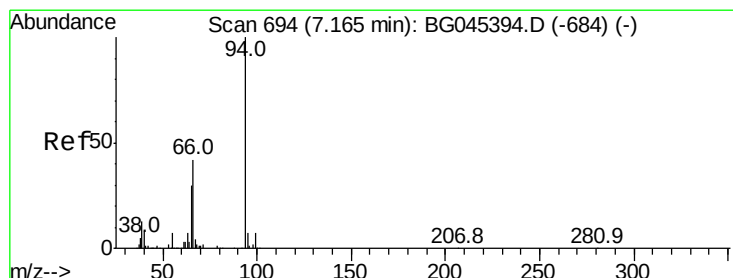
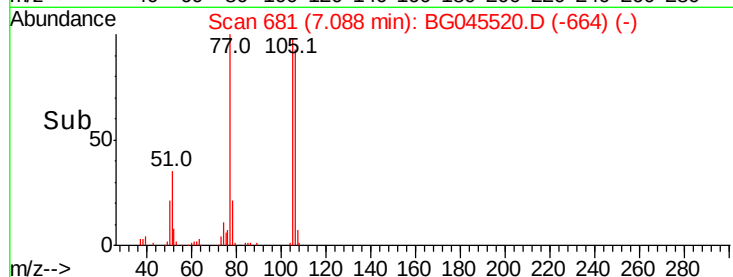
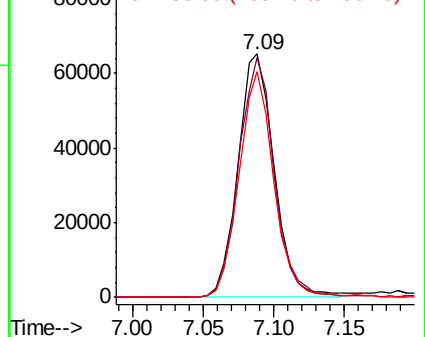
106 92.9 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.032 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

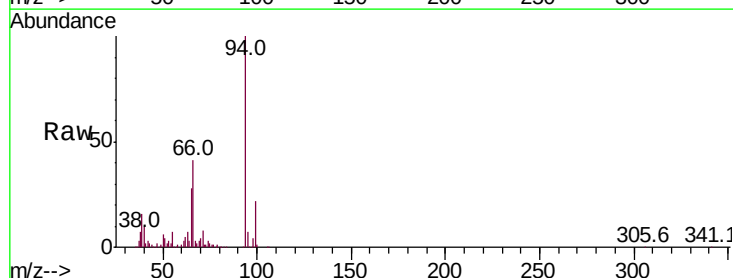
Tgt Ion: 94 Resp: 231807

Ion Ratio Lower Upper

94 100

65 28.3 9.8 49.8

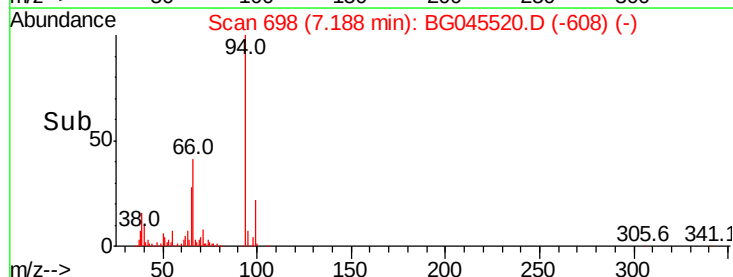
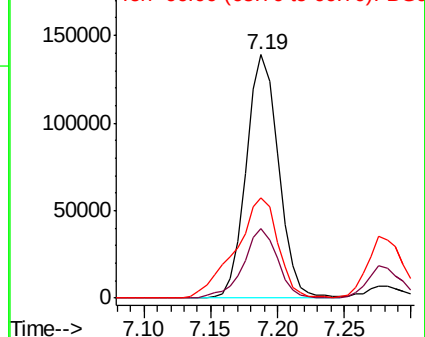
66 41.3 22.0 62.0

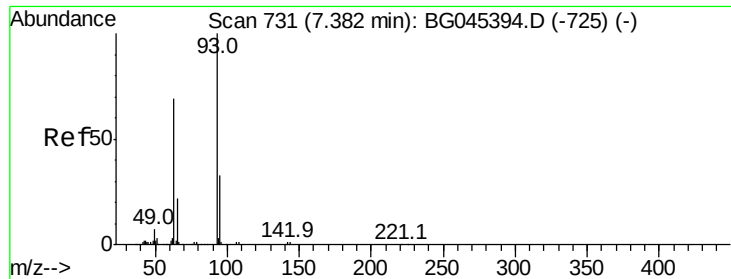


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

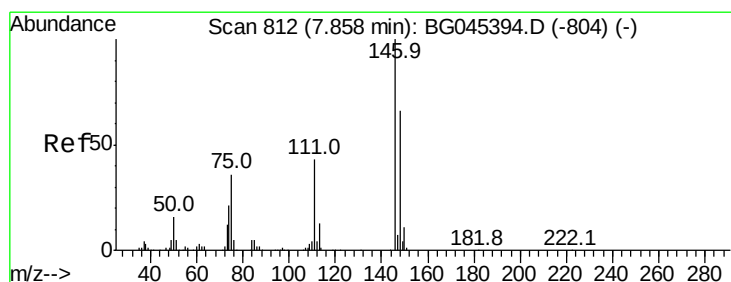
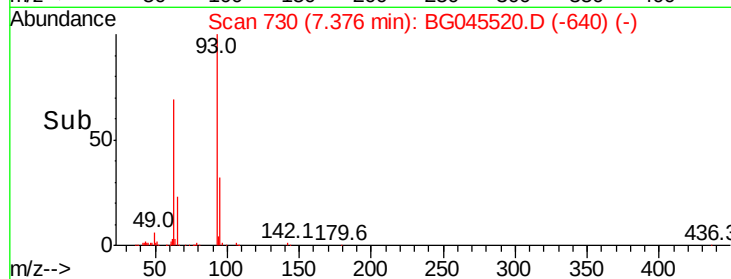
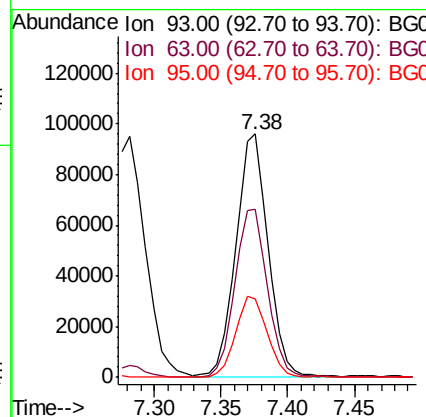
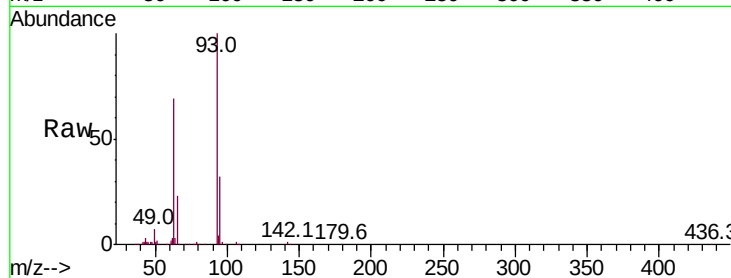




#11
bis(2-Chloroethyl)ether
Concen: 38.952 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

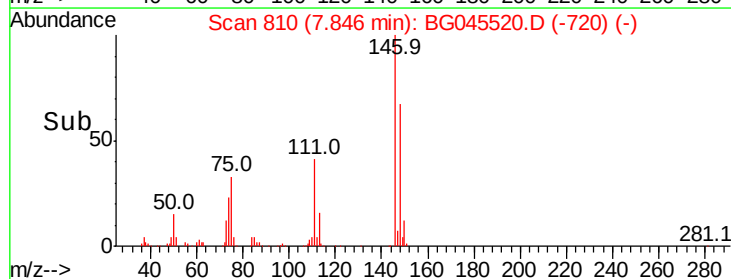
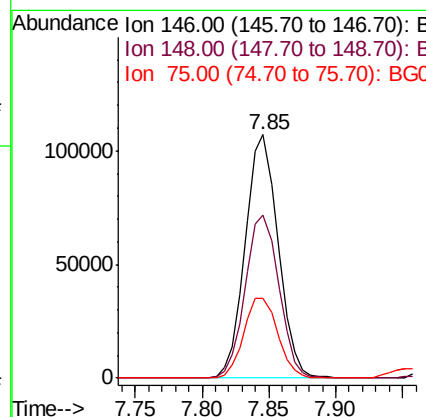
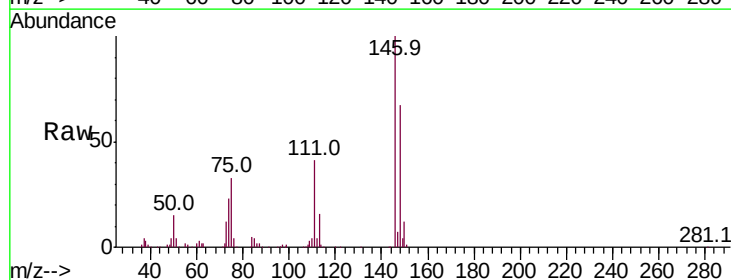
Instrument :
BNA_G
ClientSampleId :
PB129114BS

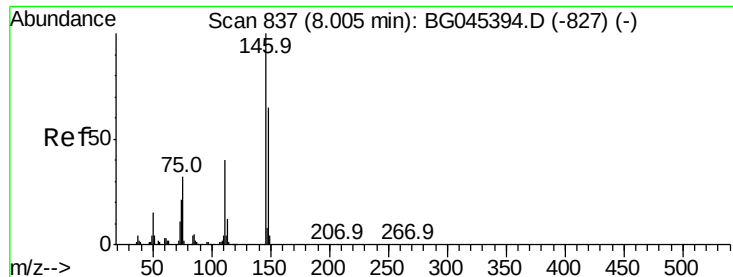
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.0	48.4	88.4
95	32.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.533 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.2	79.8
75	33.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 40.156 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

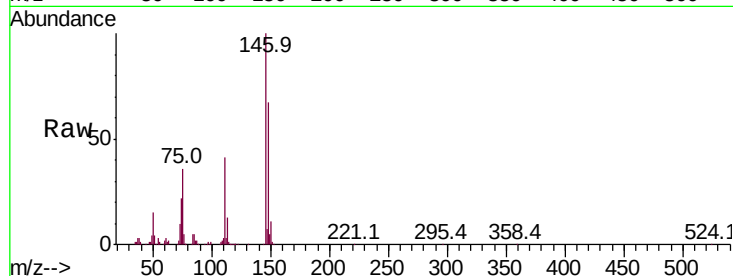
Tot Ion:146 Resp: 187424

Ion Ratio Lower Upper

146 100

148 67.3 51.8 77.8

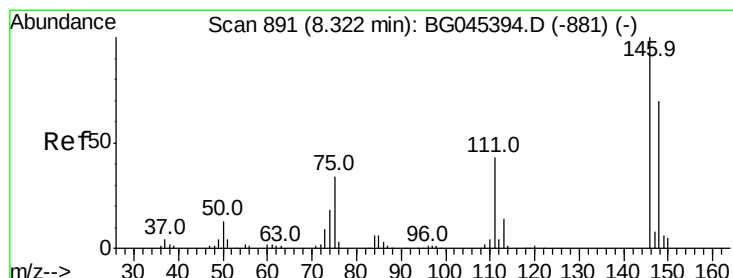
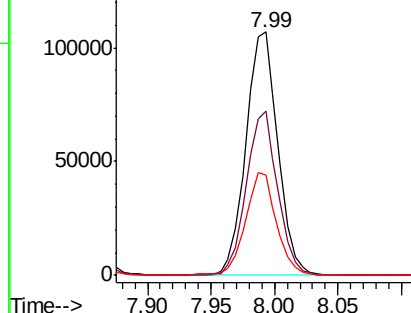
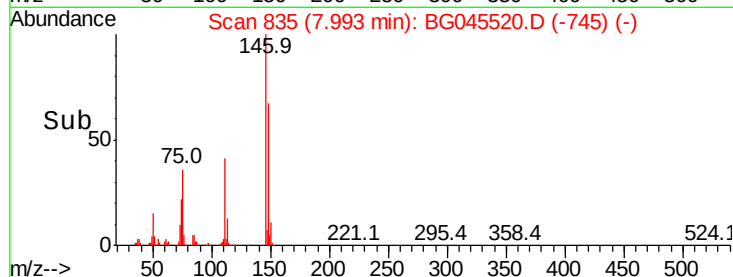
111 41.4 32.1 48.1



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: 39.809 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

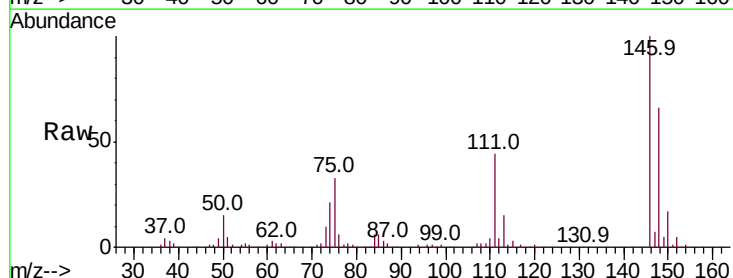
Tgt Ion:146 Resp: 178708

Ion Ratio Lower Upper

146 100

148 66.4 55.9 83.9

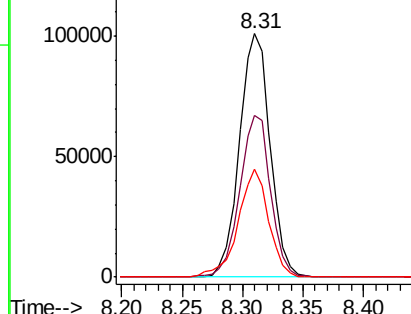
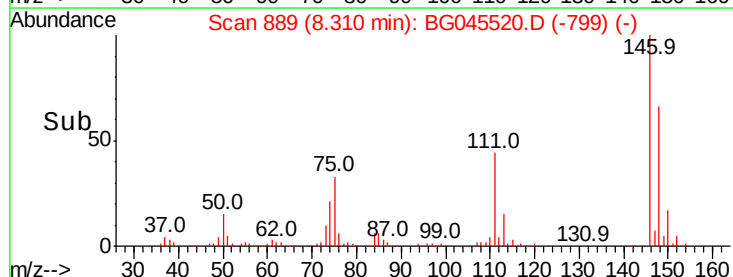
111 44.3 35.0 52.4

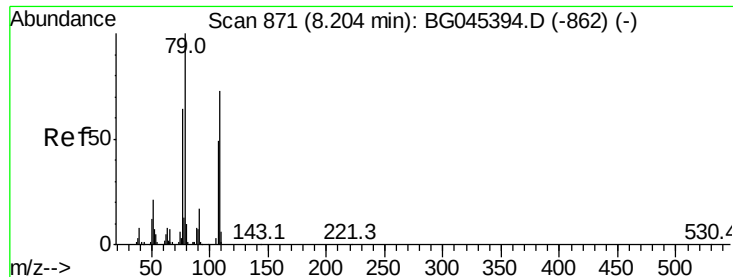


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.791 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

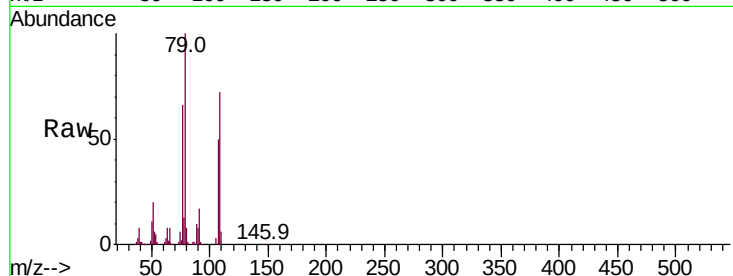
Tot Ion: 79 Resp: 176345

Ion Ratio Lower Upper

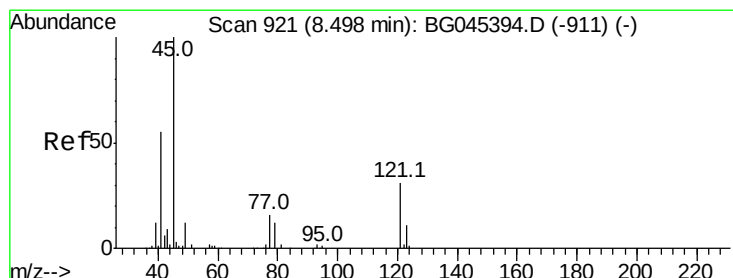
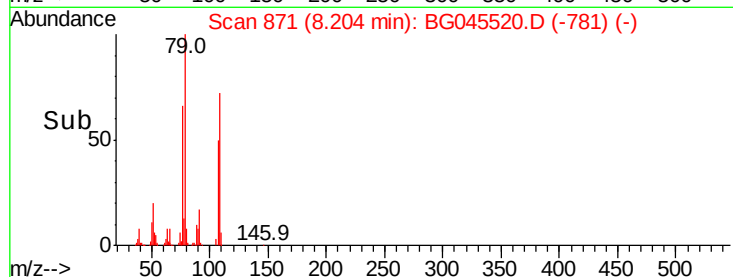
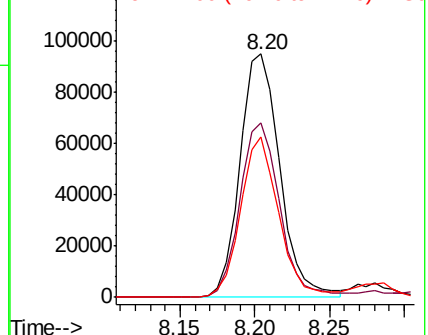
79 100

108 71.6 58.2 87.4

77 66.1 51.0 76.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.782 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

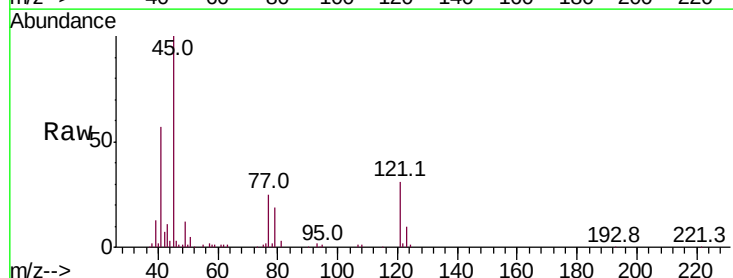
Tgt Ion: 45 Resp: 151166

Ion Ratio Lower Upper

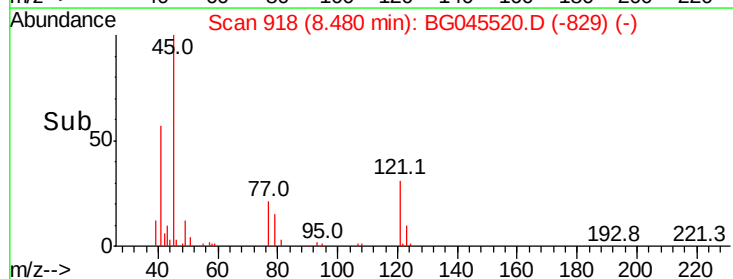
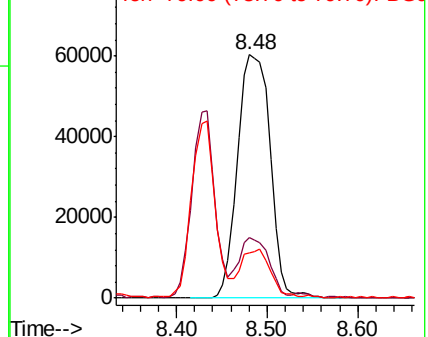
45 100

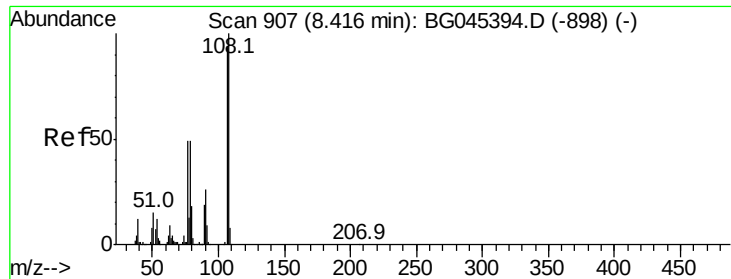
77 24.7 4.0 44.0

79 18.6 0.0 38.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.930 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tot Ion:107 Resp: 157343

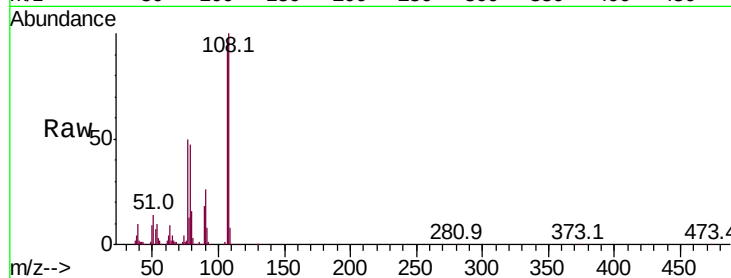
Ion Ratio Lower Upper

107 100

108 103.7 85.2 127.8

77 51.7 41.6 62.4

79 48.7 41.8 62.8

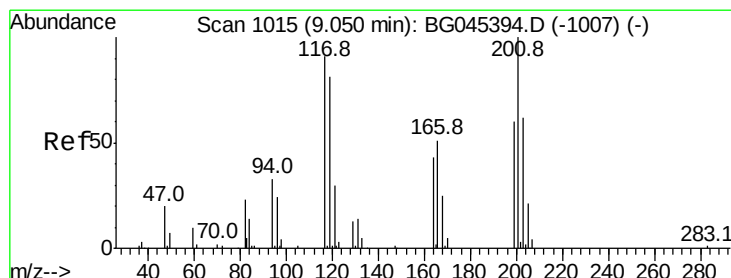
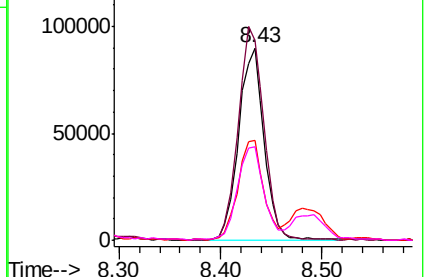
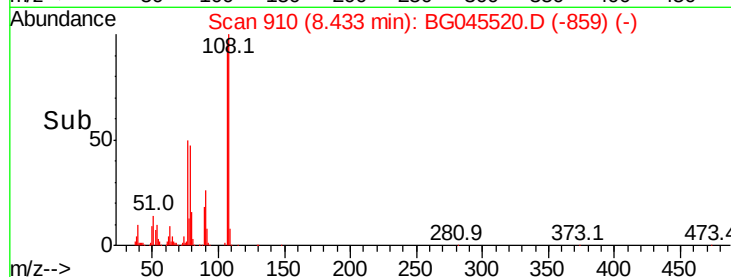


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.995 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

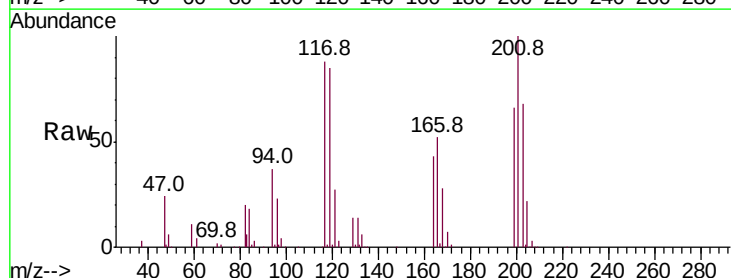
Tgt Ion:117 Resp: 71495

Ion Ratio Lower Upper

117 100

119 95.4 71.3 106.9

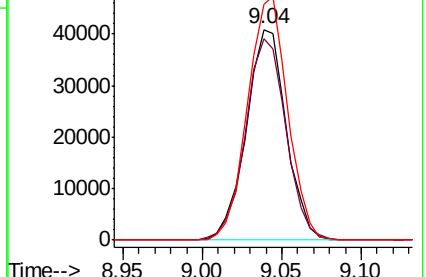
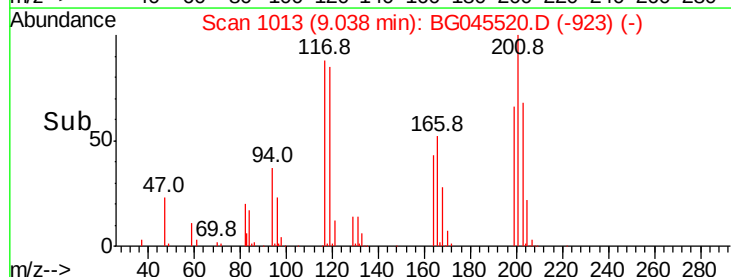
201 112.1 87.5 131.3

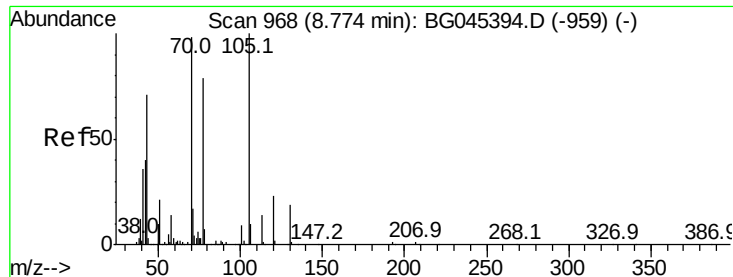


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.065 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.00 min

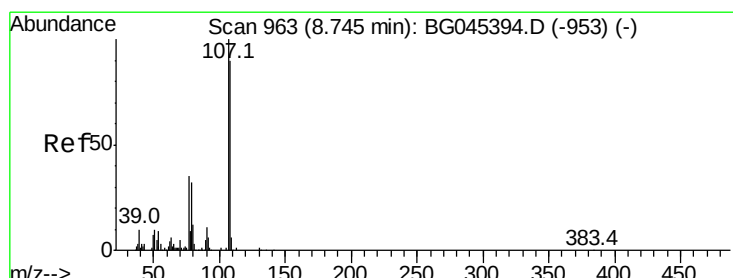
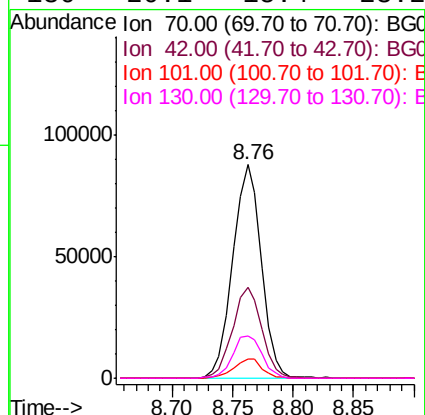
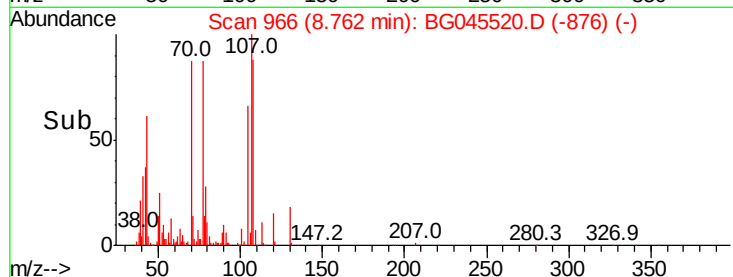
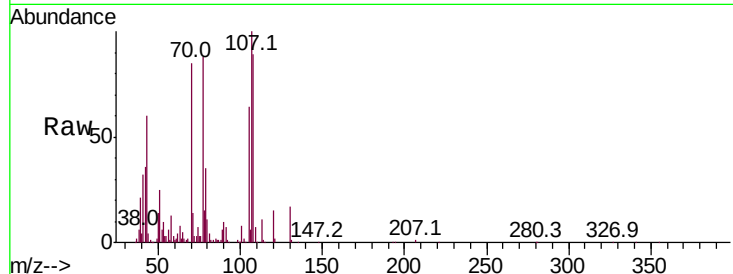
Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion: 70 Resp: 145051

Ion	Ratio	Lower	Upper
70	100		
42	42.4	33.2	49.8
101	8.9	7.8	11.6
130	20.1	15.4	23.2



#20

3+4-Methylphenols

Concen: 29.323 ng

RT: 8.43 min Scan# 910

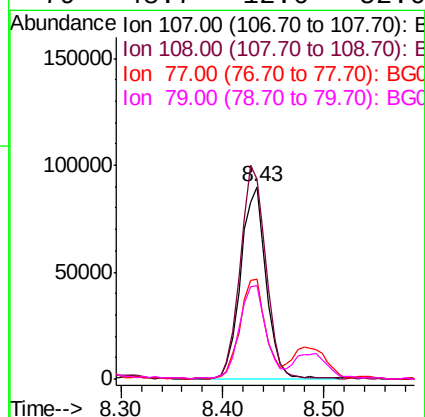
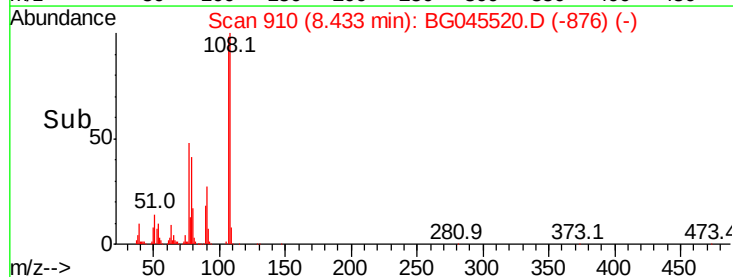
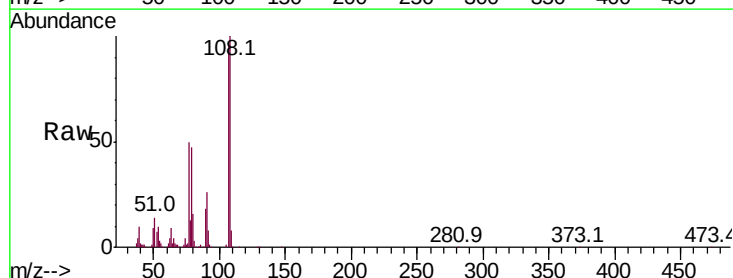
Delta R.T. -0.33 min

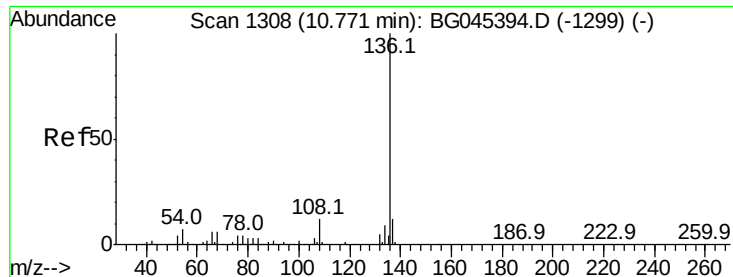
Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:107 Resp: 157343

Ion	Ratio	Lower	Upper
107	100		
108	103.7	70.3	110.3
77	51.7	15.4	55.4
79	48.7	12.6	52.6

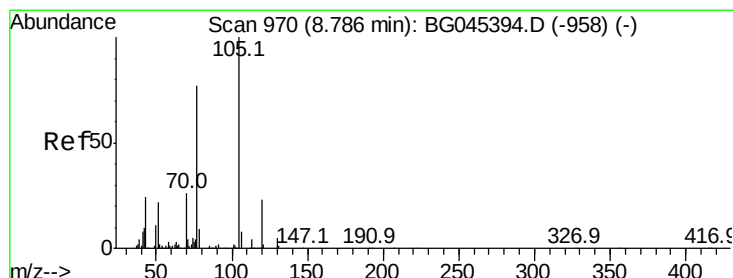
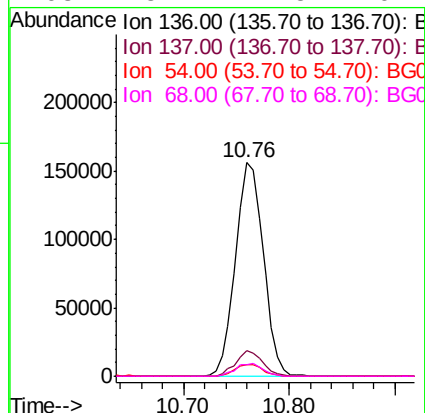
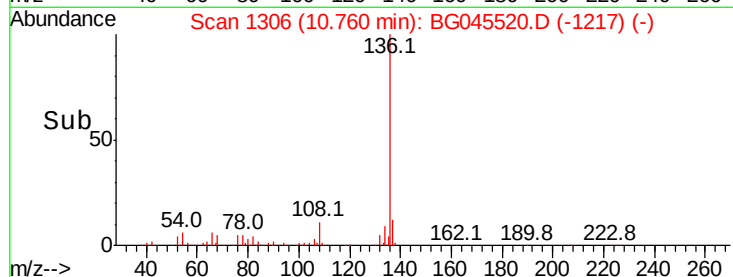
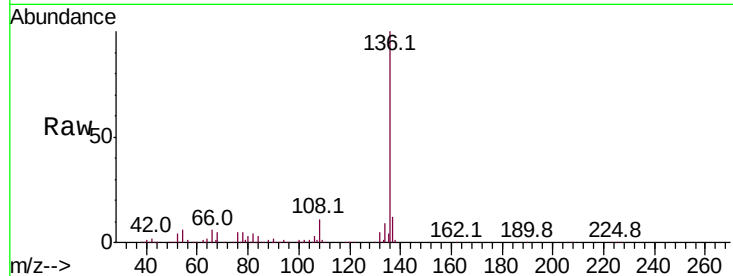




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

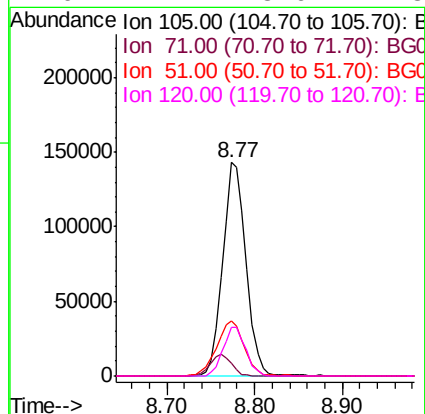
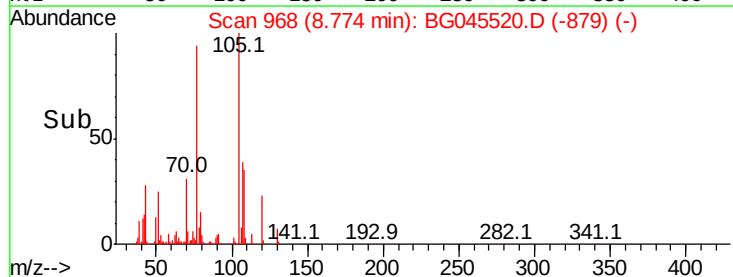
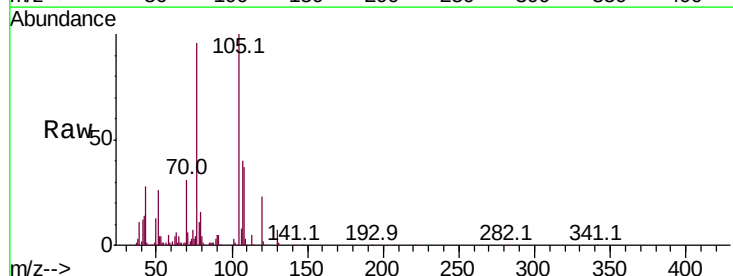
Instrument :
BNA_G
ClientSampleId :
PB129114BS

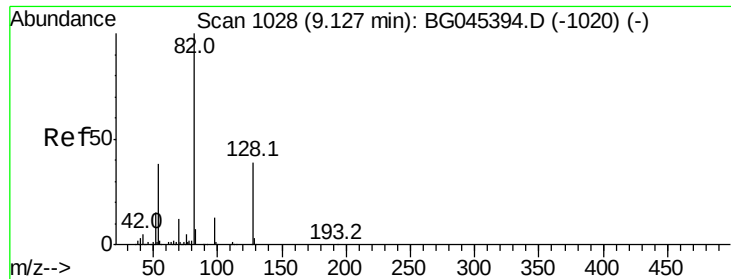
Tot Ion:	136	Resp:	285325
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	5.6	5.8	8.6#
68	5.4	4.5	6.7



#22
Acetophenone
Concen: 38.818 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:	105	Resp:	262510
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.4	5.0#
51	25.7	18.2	27.2
120	22.7	18.6	27.8

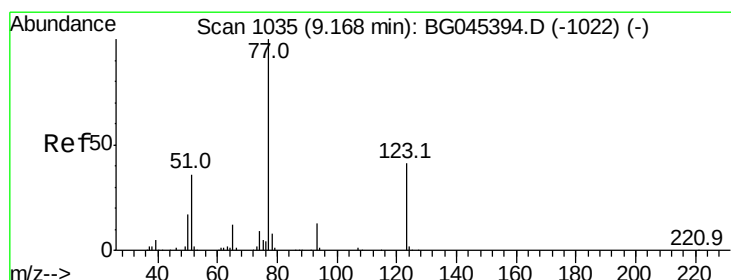
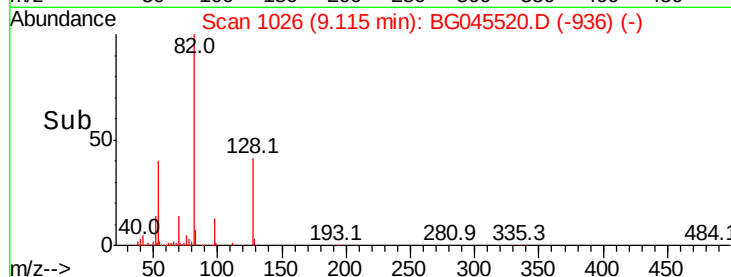
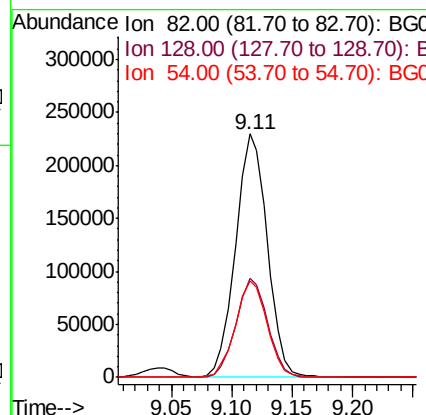
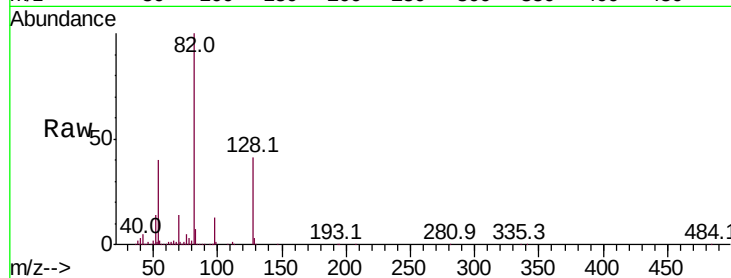




#23
 Nitrobenzene-d5
 Concen: 79.994 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

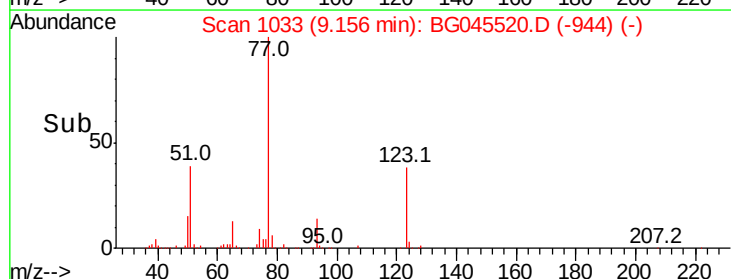
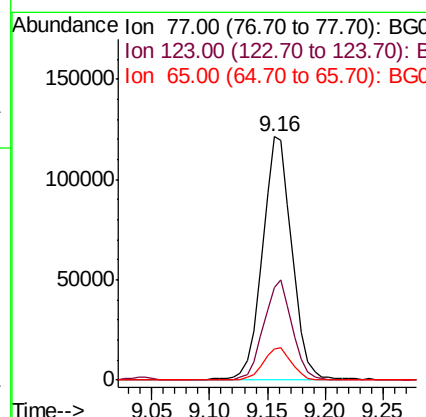
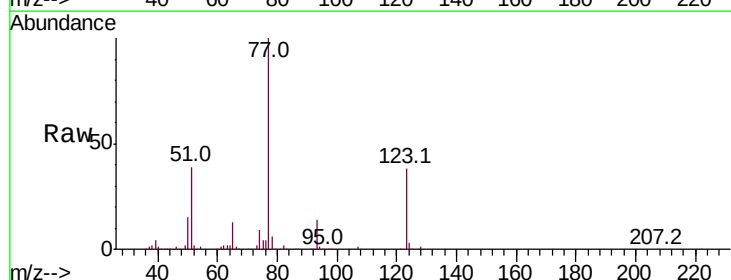
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

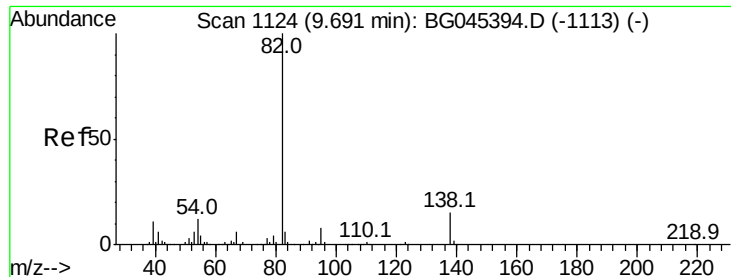
Tot Ion: 82 Resp: 418553
 Ion Ratio Lower Upper
 82 100
 128 40.7 30.9 46.3
 54 39.8 30.3 45.5



#24
 Nitrobenzene
 Concen: 38.200 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion: 77 Resp: 214143
 Ion Ratio Lower Upper
 77 100
 123 38.2 32.9 49.3
 65 13.0 9.4 14.2





#25

Isophorone

Concen: 38.047 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

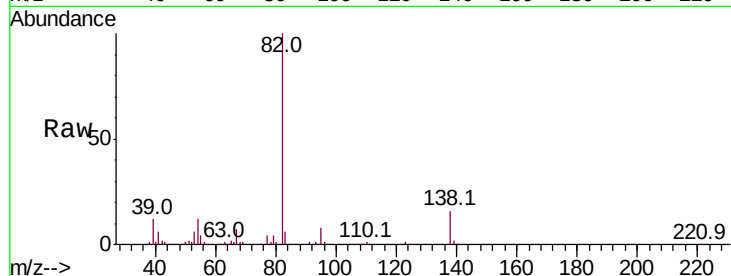
Tot Ion: 82 Resp: 392050

Ion Ratio Lower Upper

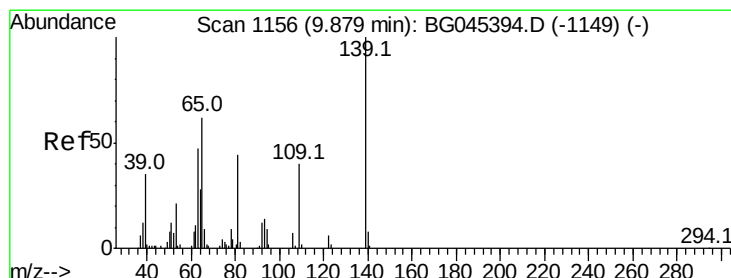
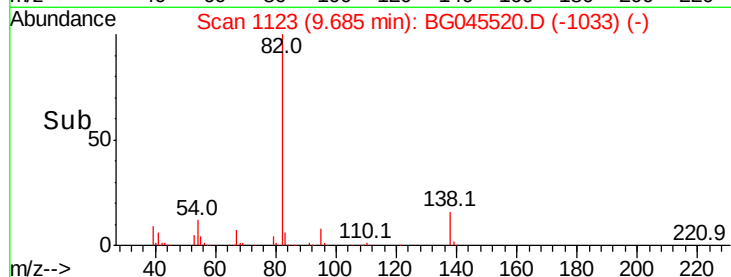
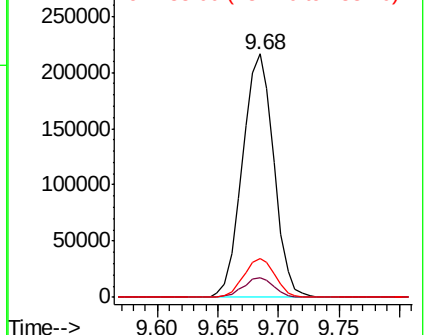
82 100

95 7.8 6.7 10.1

138 16.1 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: 41.307 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

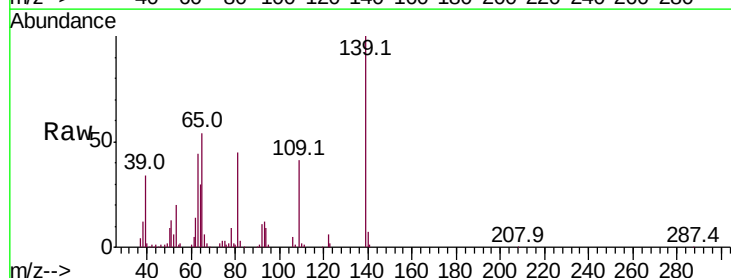
Tgt Ion: 139 Resp: 99057

Ion Ratio Lower Upper

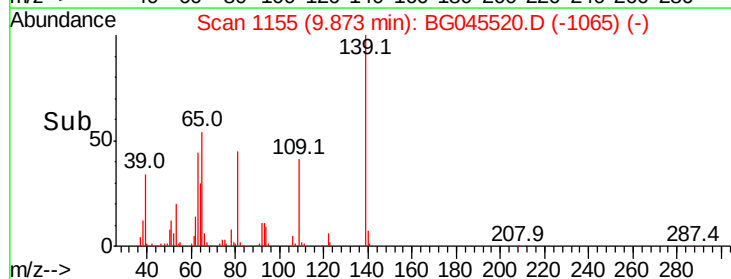
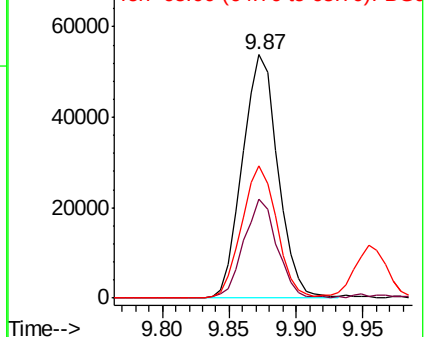
139 100

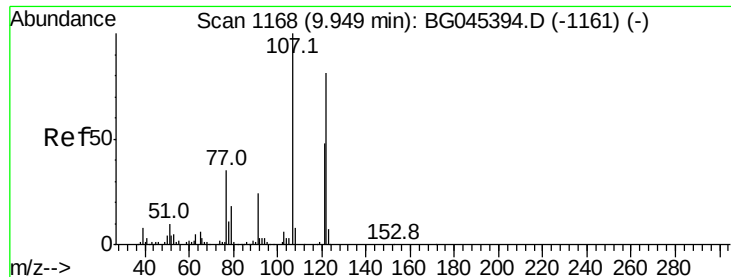
109 40.5 32.2 48.4

65 54.4 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

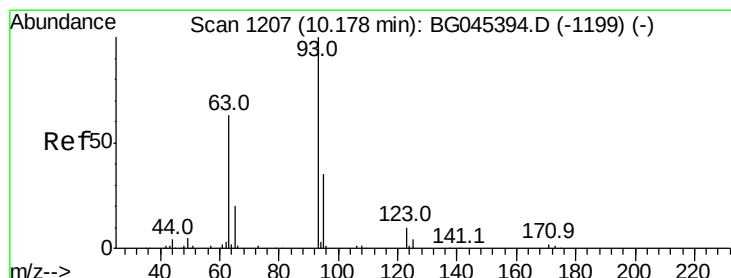
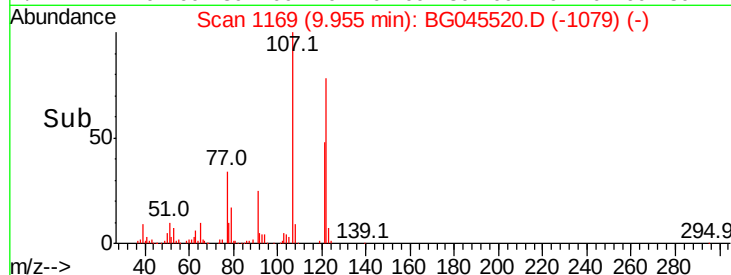
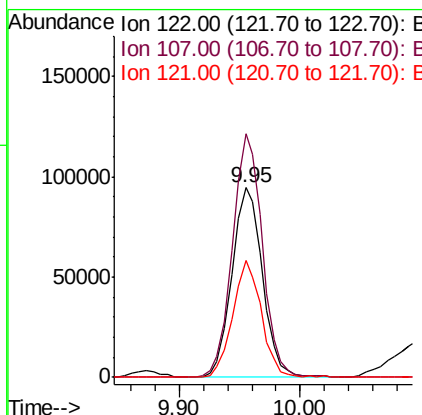
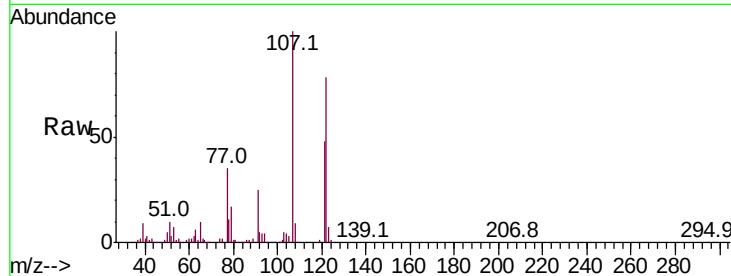




#27
2,4-Dimethylphenol
Concen: 46.942 ng
RT: 9.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

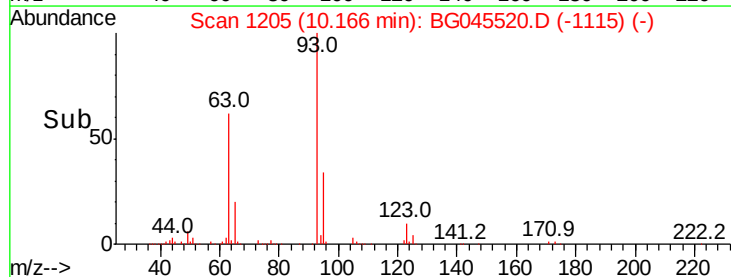
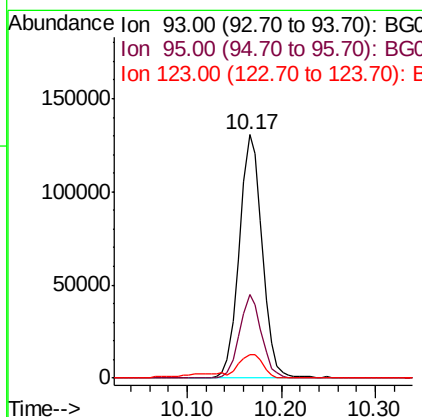
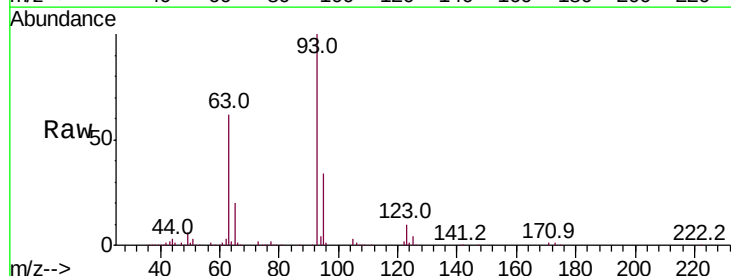
Instrument :
BNA_G
ClientSampleId :
PB129114BS

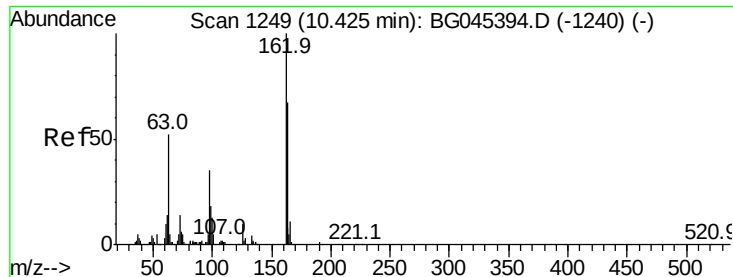
Tot Ion:122 Resp: 166962
Ion Ratio Lower Upper
122 100
107 128.5 99.0 148.4
121 61.4 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.784 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion: 93 Resp: 220397
Ion Ratio Lower Upper
93 100
95 34.4 27.6 41.4
123 9.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.866 ng

RT: 10.43 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

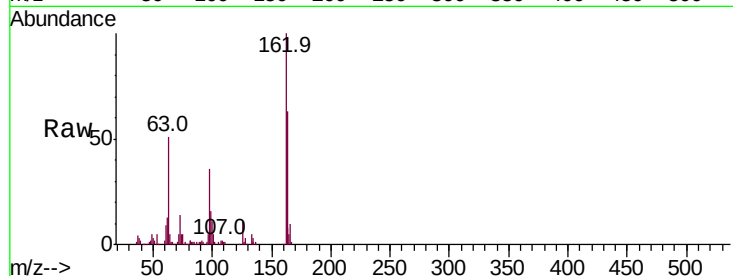
Tot Ion:162 Resp: 180042

Ion Ratio Lower Upper

162 100

164 63.1 46.8 86.8

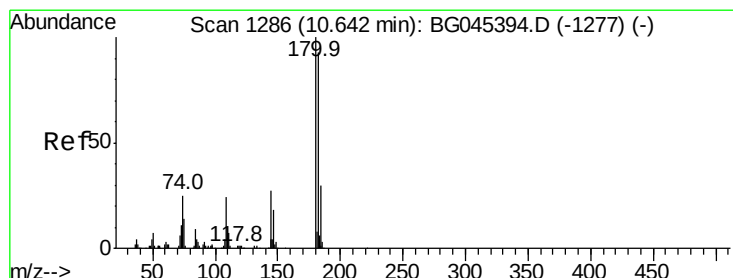
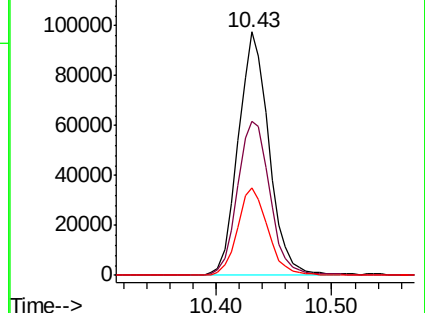
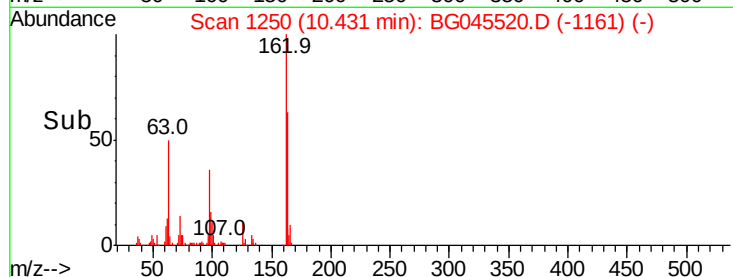
98 35.7 15.2 55.2



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.016 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

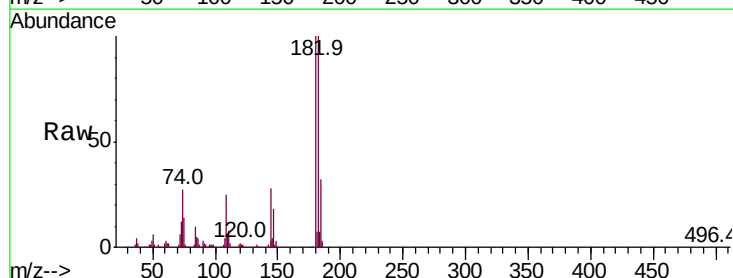
Tgt Ion:180 Resp: 193637

Ion Ratio Lower Upper

180 100

182 99.9 74.8 112.2

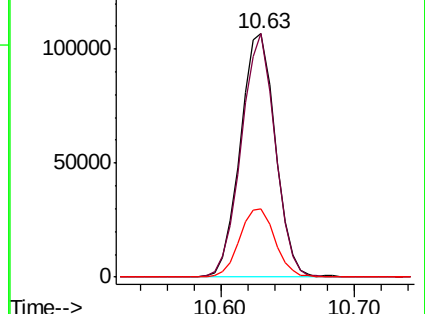
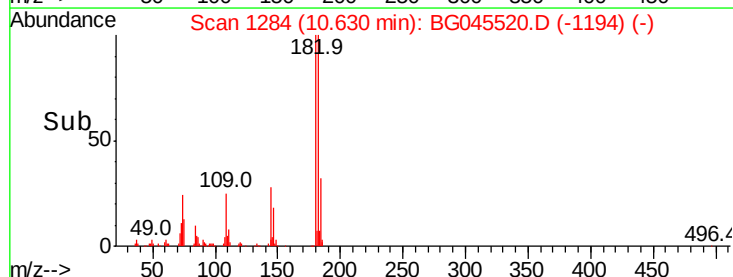
145 28.0 21.9 32.9

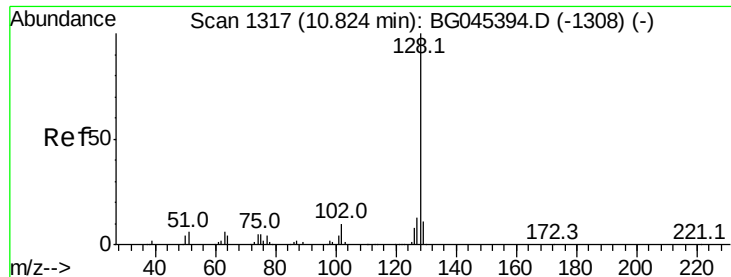


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

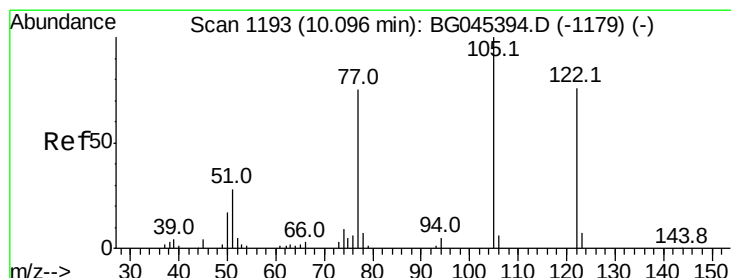
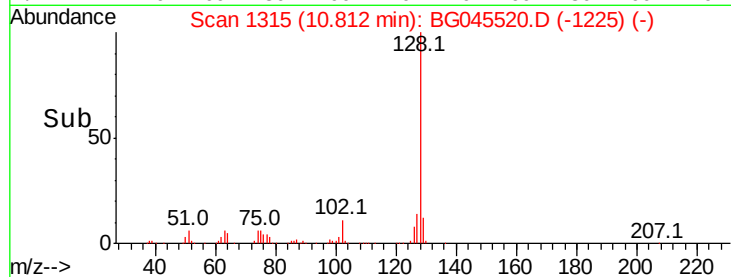
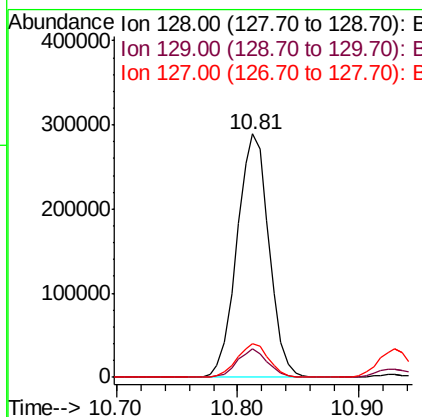
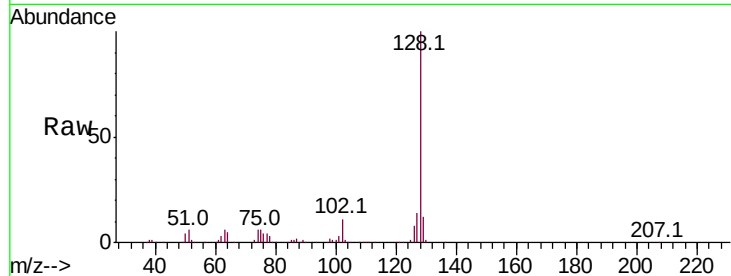




#31
Naphthalene
Concen: 40.069 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

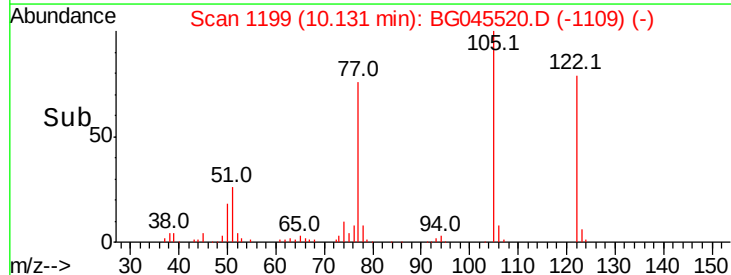
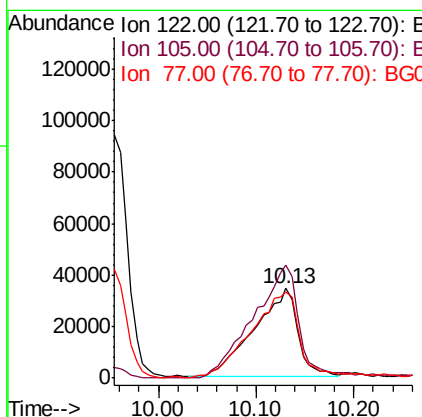
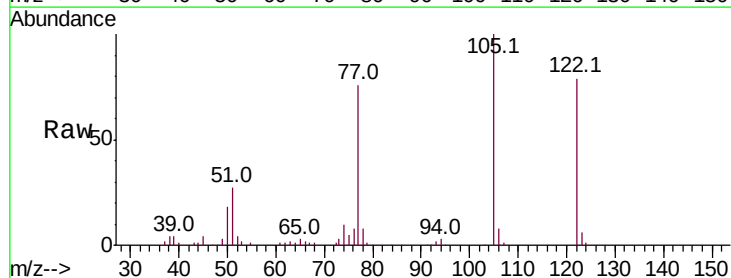
Instrument :
BNA_G
ClientSampleId :
PB129114BS

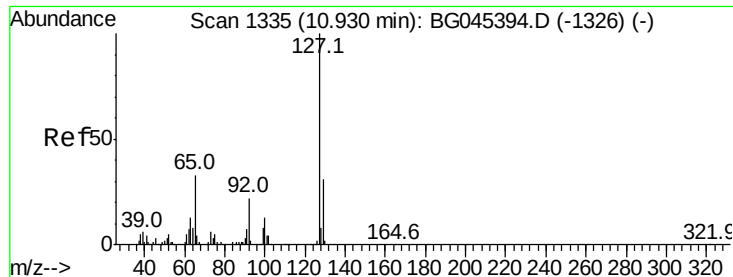
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 45.138 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.9	147.9
77	96.1	78.9	118.9

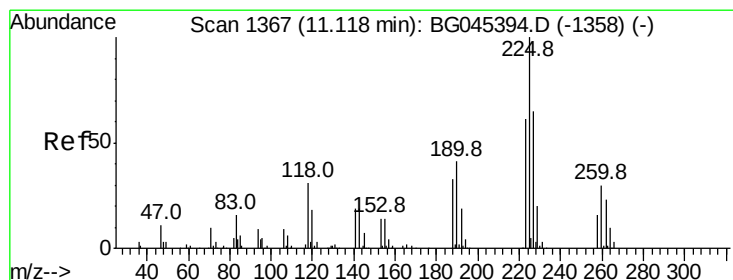
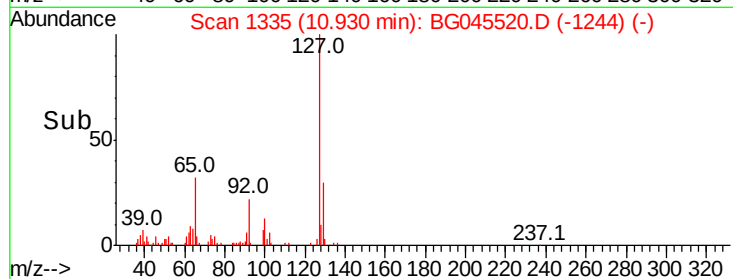
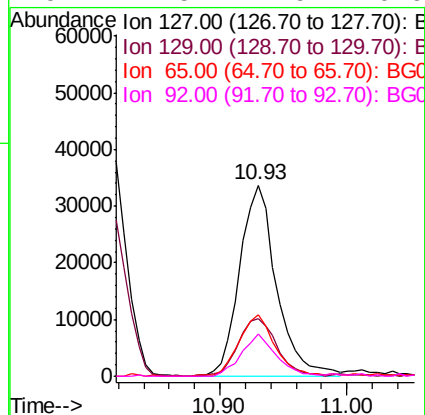
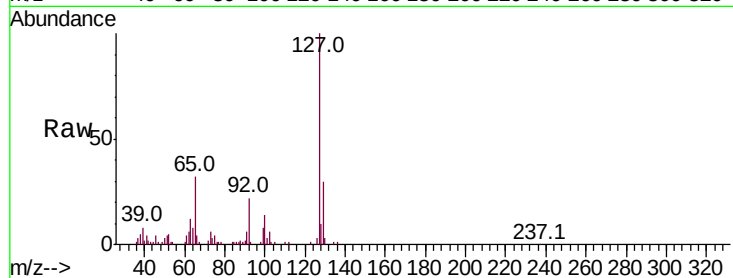




#33
4-Chloroaniline
Concen: 12.281 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

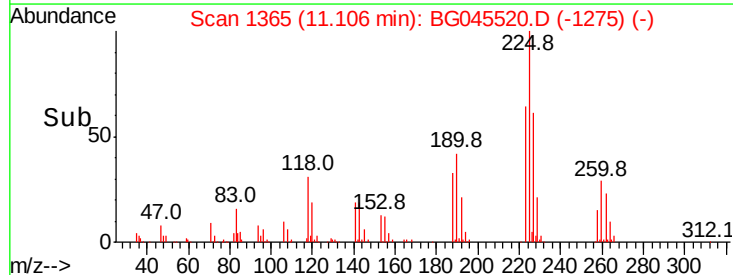
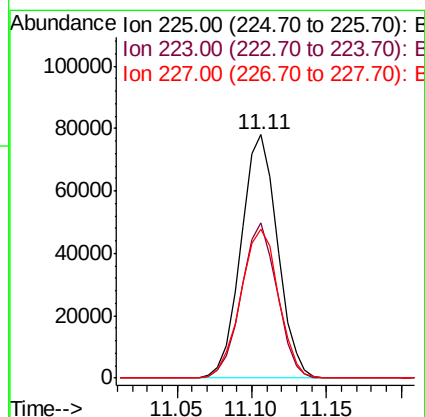
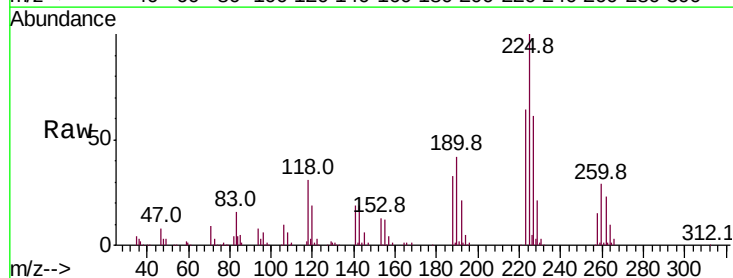
Instrument :
BNA_G
ClientSampleId :
PB129114BS

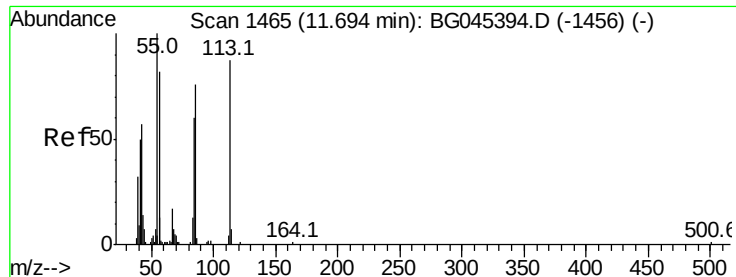
Tot Ion:	127	Resp:	68254
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.7	37.1
65	32.4	26.2	39.2
92	22.5	17.9	26.9



#34
Hexachlorobutadiene
Concen: 37.679 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:	225	Resp:	132187
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.1	73.7
227	61.2	52.0	78.0





#35

Caprolactam

Concen: 20.433 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

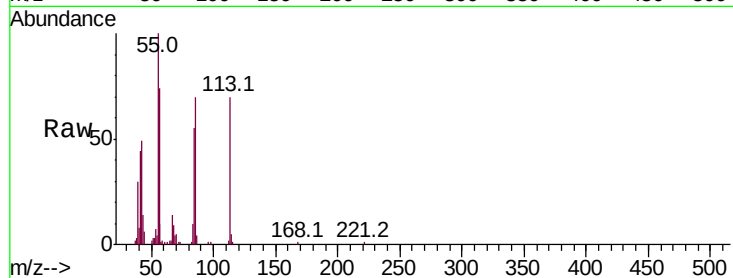
Tot Ion:113 Resp: 31500

Ion Ratio Lower Upper

113 100

55 142.7 96.0 136.0#

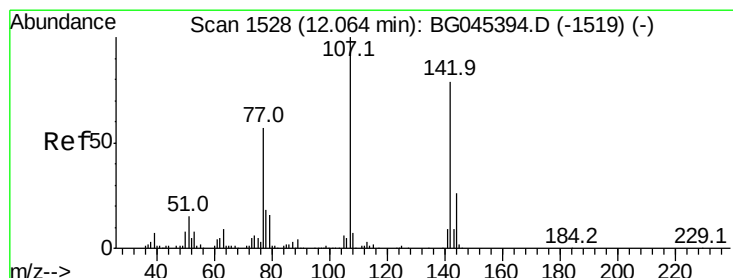
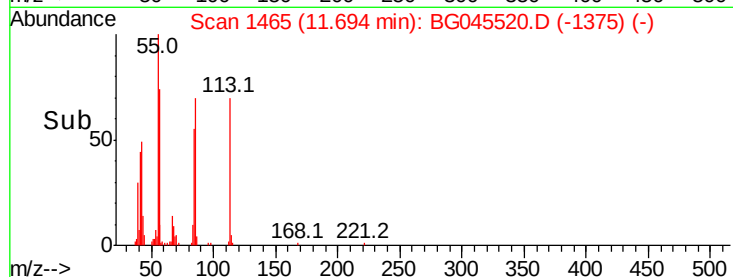
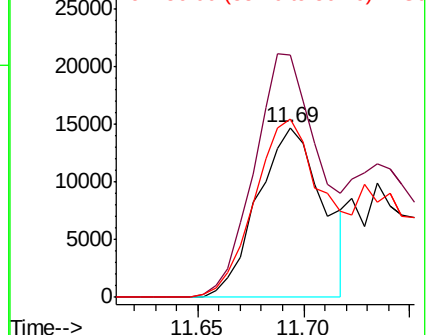
56 105.0 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.151 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

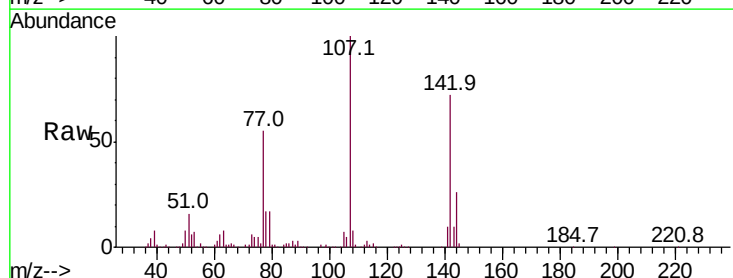
Tgt Ion:107 Resp: 199494

Ion Ratio Lower Upper

107 100

144 25.5 20.8 31.2

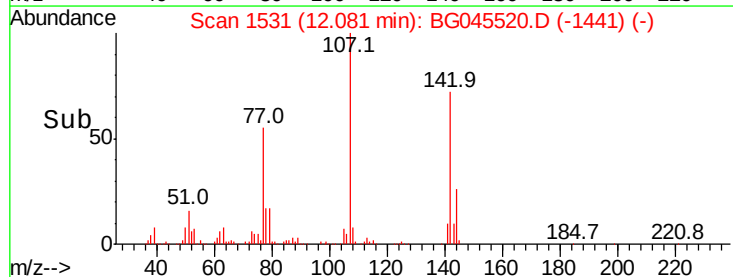
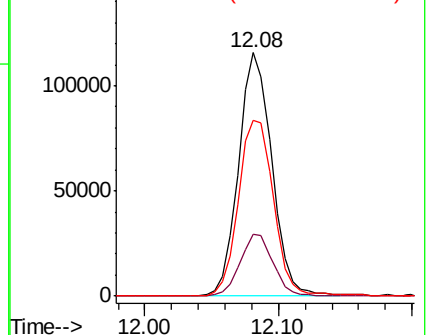
142 72.1 62.8 94.2

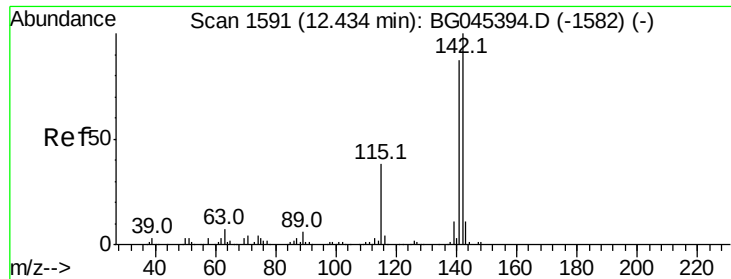


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

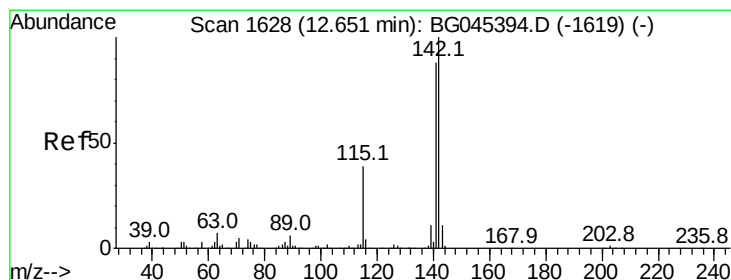
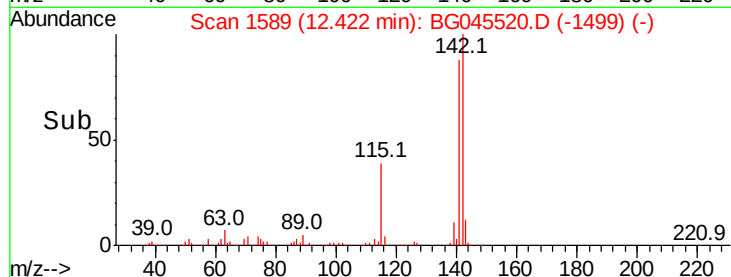
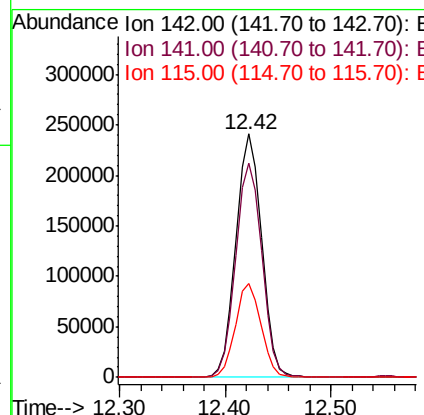
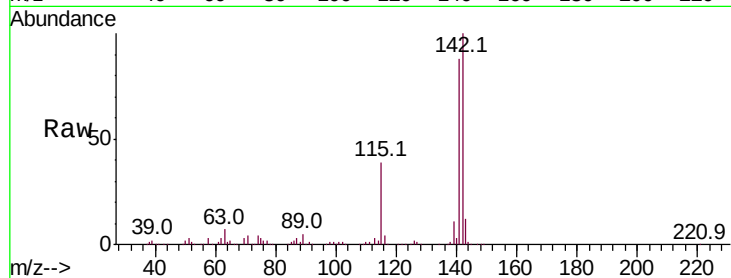




#37
 2-Methylnaphthalene
 Concen: 41.012 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

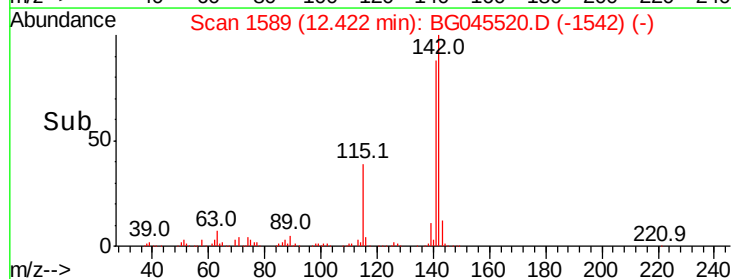
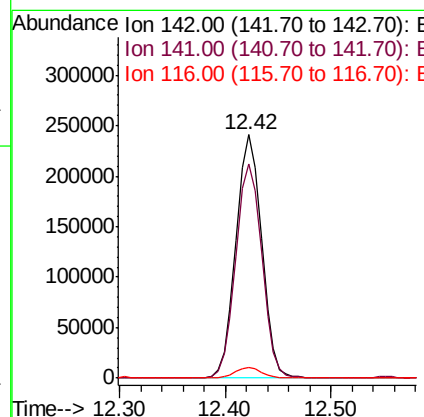
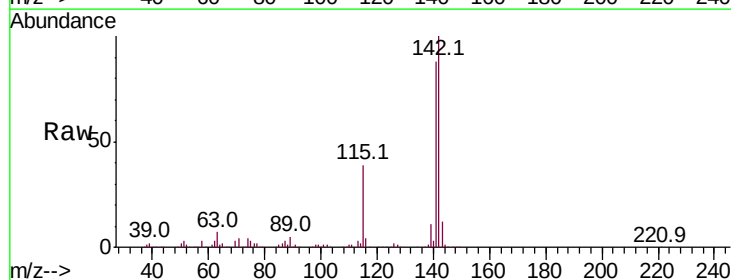
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

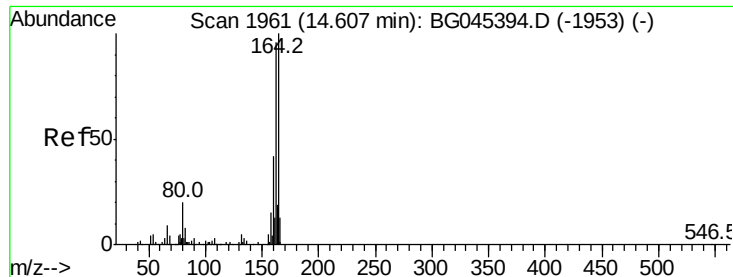
Tot Ion:142 Resp: 406424
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.0 105.0
 115 38.8 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 43.416 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion:142 Resp: 406424
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.8 106.2
 116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

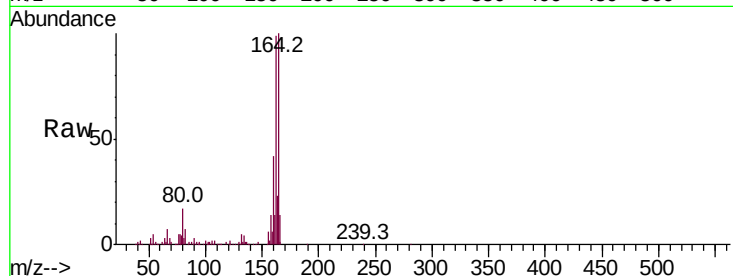
Tot Ion:164 Resp: 203134

Ion Ratio Lower Upper

164 100

162 98.7 76.9 115.3

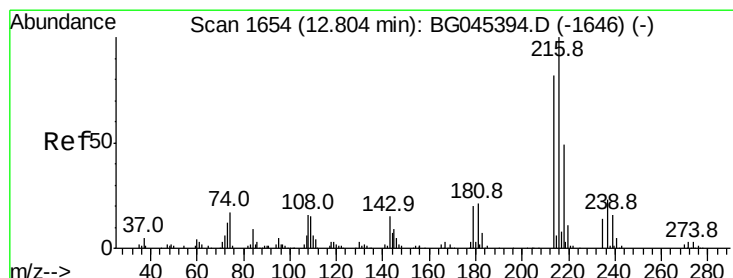
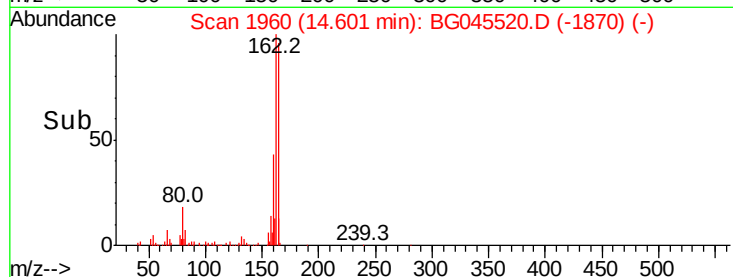
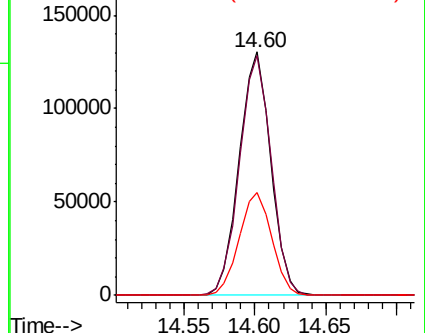
160 42.3 33.8 50.8



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: 40.057 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:216 Resp: 227274

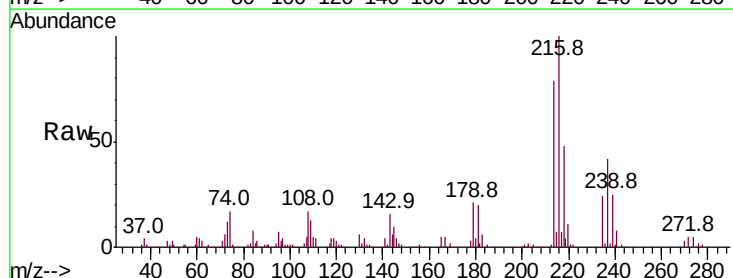
Ion Ratio Lower Upper

216 100

214 80.1 63.7 95.5

179 20.2 16.1 24.1

108 18.7 13.8 20.6

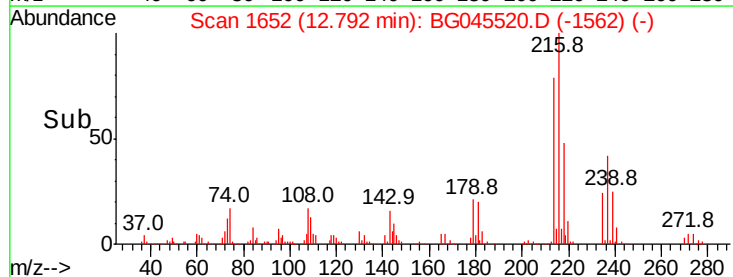
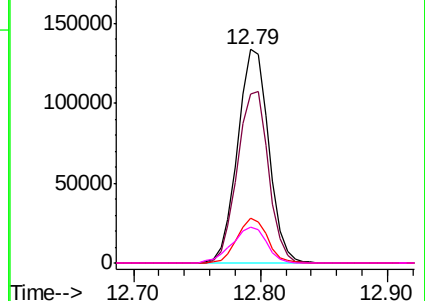


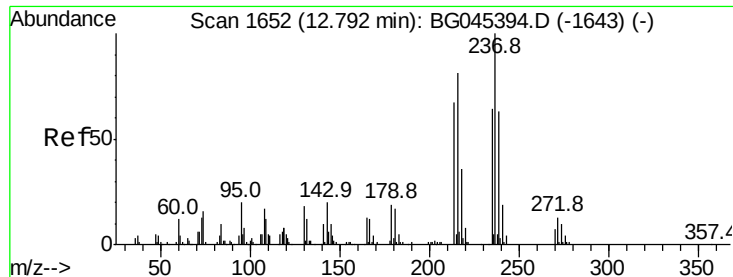
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.200 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

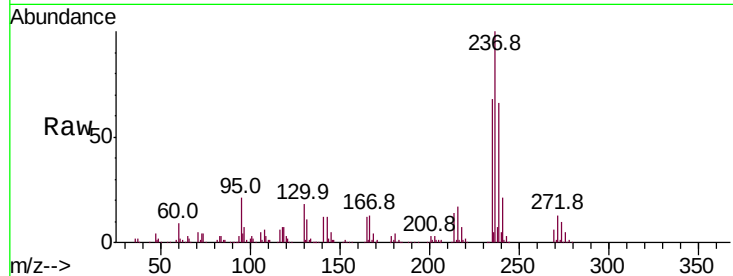
Tot Ion:237 Resp: 265916

Ion Ratio Lower Upper

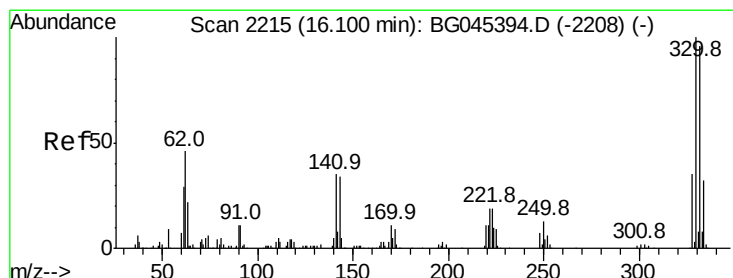
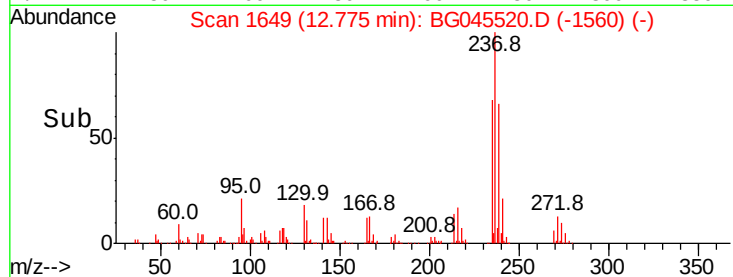
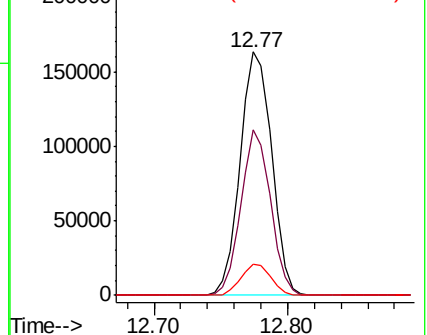
237 100

235 67.9 44.4 84.4

272 12.7 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: 121.735 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

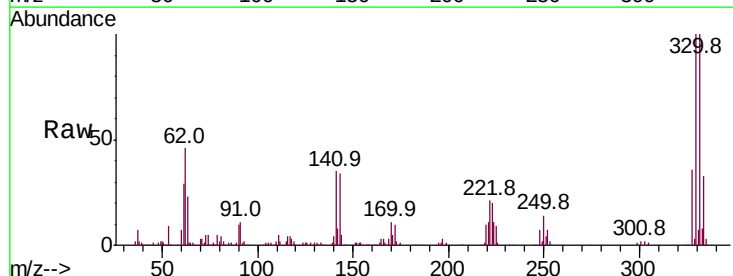
Tgt Ion:330 Resp: 316250

Ion Ratio Lower Upper

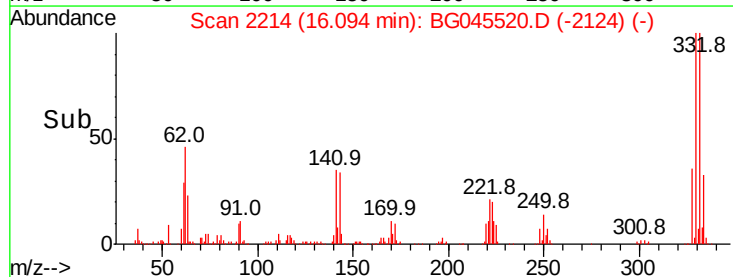
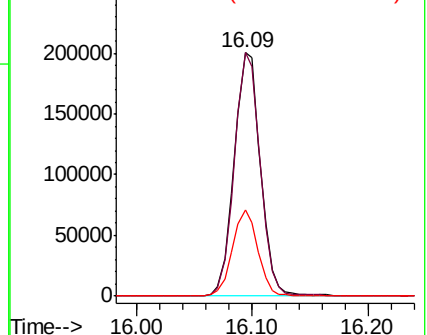
330 100

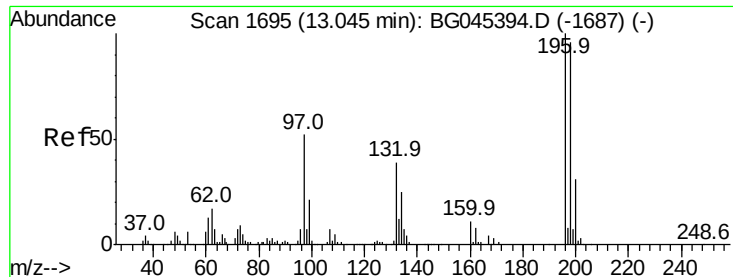
332 98.1 78.2 117.4

141 34.1 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

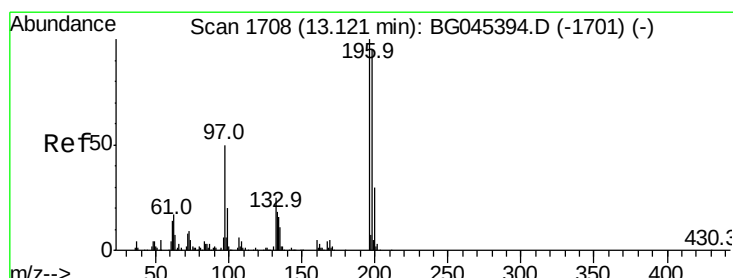
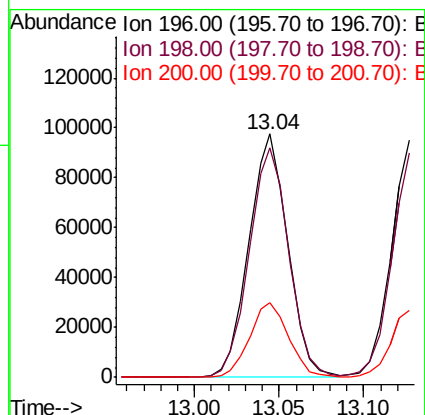
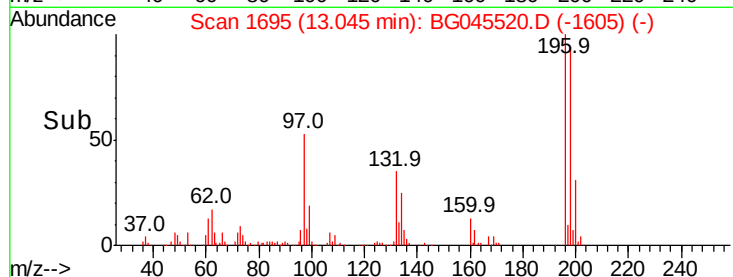
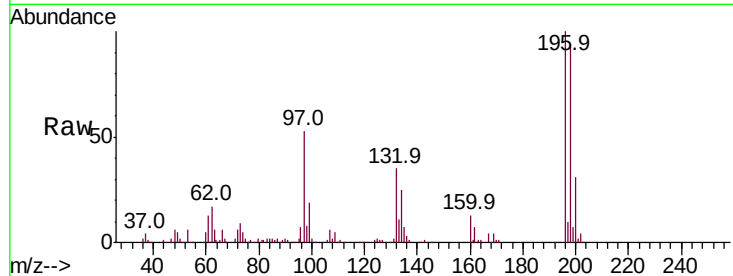




#43
 2,4,6-Trichlorophenol
 Concen: 39.624 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

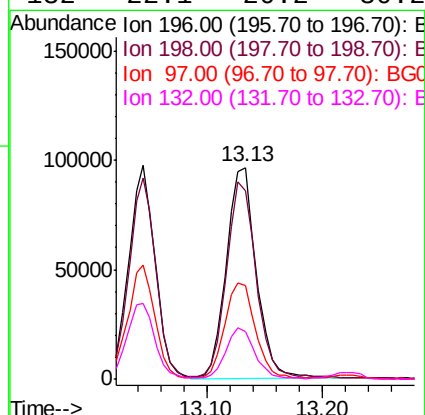
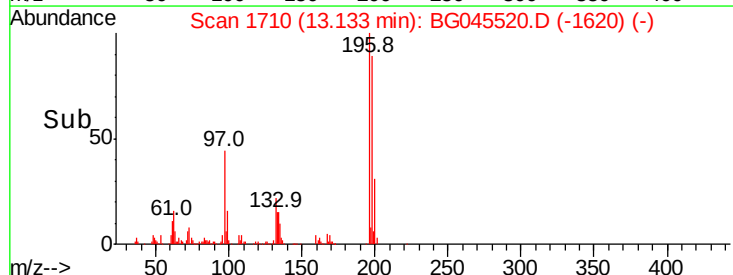
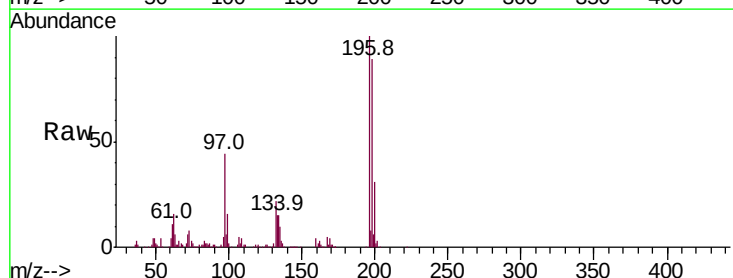
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

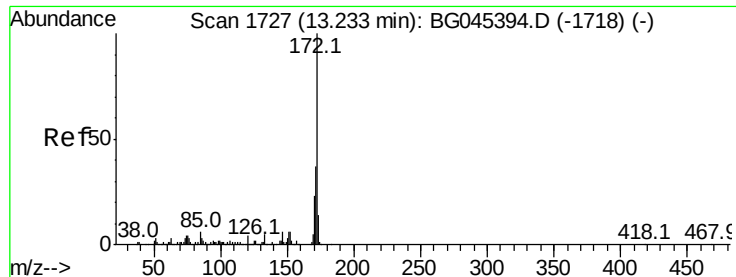
Tot Ion:196 Resp: 156173
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.7 115.1
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.224 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion:196 Resp: 172162
 Ion Ratio Lower Upper
 196 100
 198 88.9 76.1 114.1
 97 44.1 40.0 60.0
 132 22.1 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 80.554 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

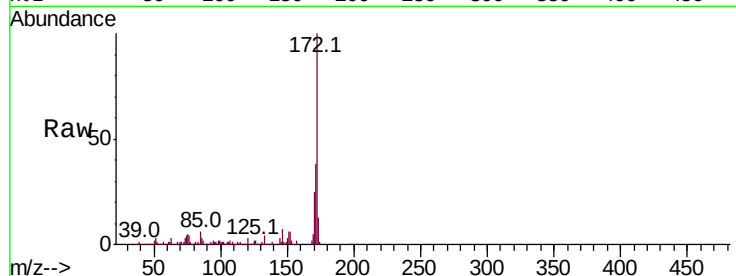
Tot Ion:172 Resp: 964702

Ion Ratio Lower Upper

172 100

171 38.0 29.5 44.3

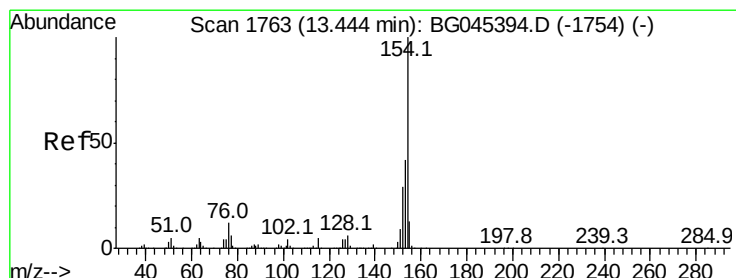
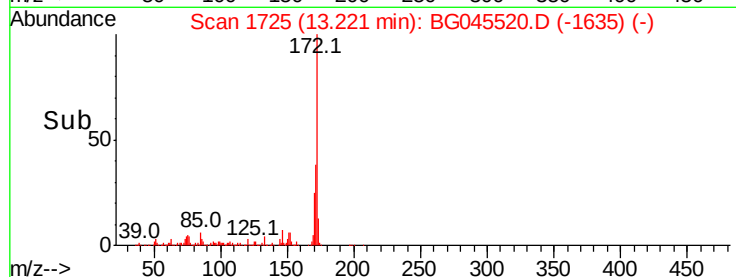
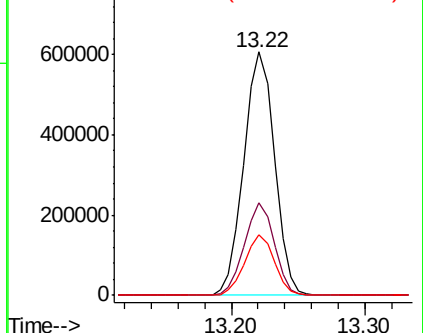
170 24.6 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.828 ng

RT: 13.43 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

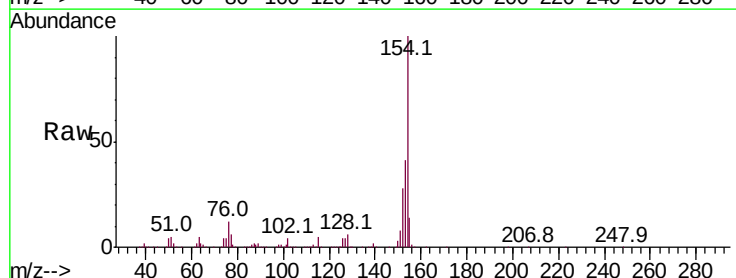
Tgt Ion:154 Resp: 522089

Ion Ratio Lower Upper

154 100

153 41.1 22.2 62.2

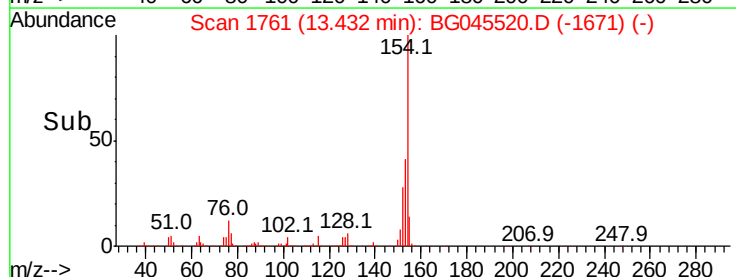
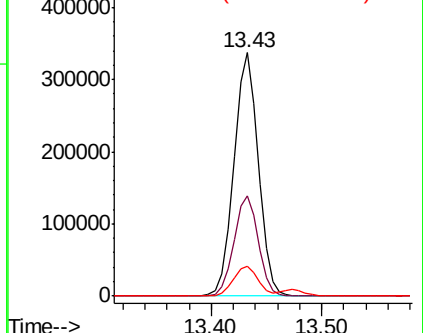
76 12.3 0.0 32.4

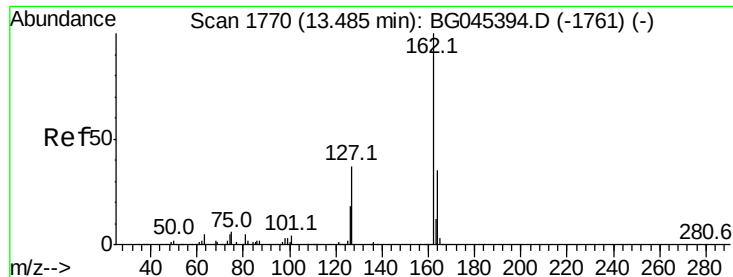


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 38.992 ng

RT: 13.47 min Scan# 1768

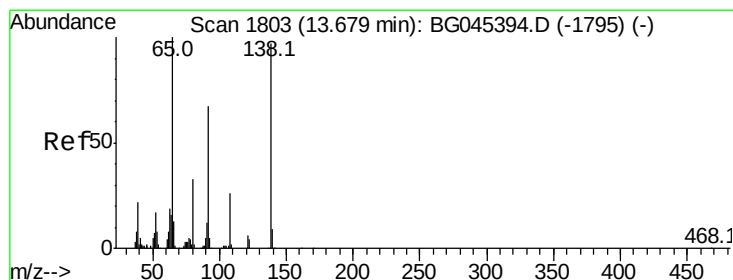
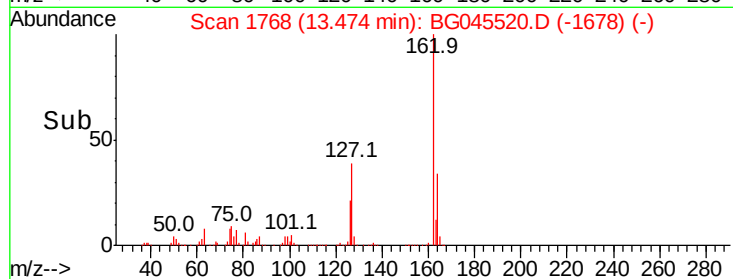
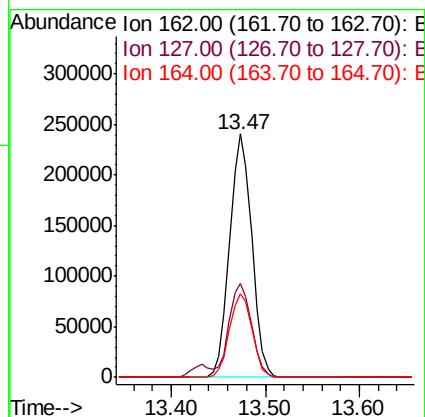
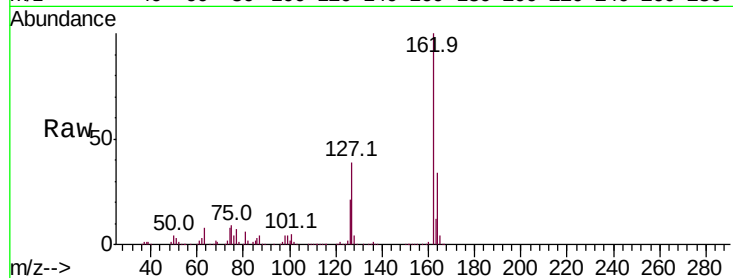
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	34.4	28.1	42.1



#48

2-Nitroaniline

Concen: 38.063 ng

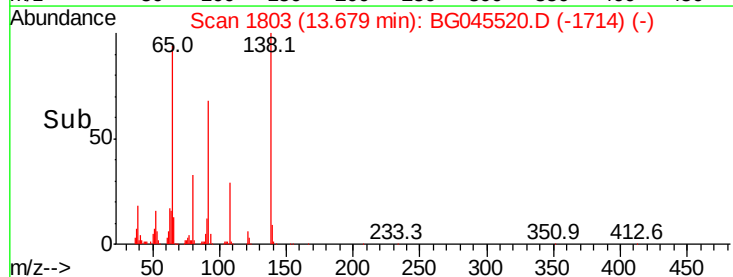
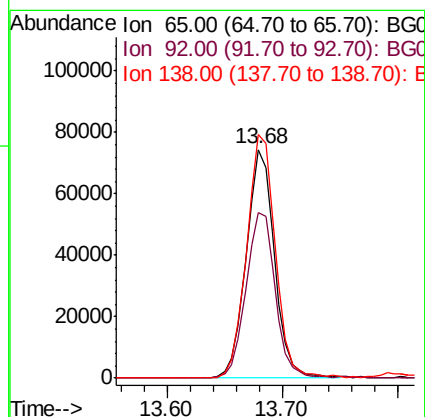
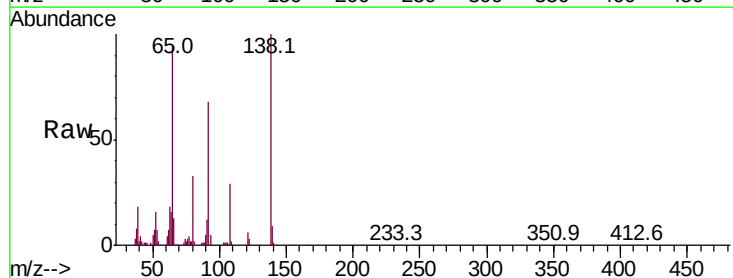
RT: 13.68 min Scan# 1803

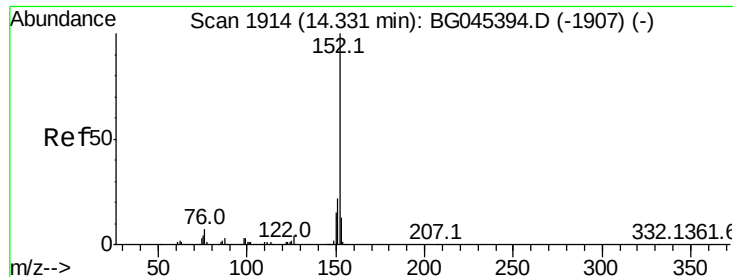
Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.8	80.8
138	106.5	77.9	116.9





#49

Acenaphthylene

Concen: 41.018 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

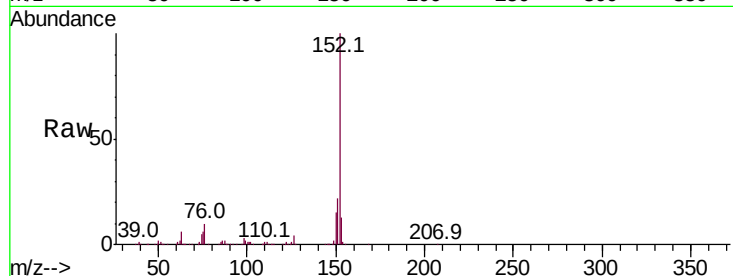
Tot Ion:152 Resp: 667784

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

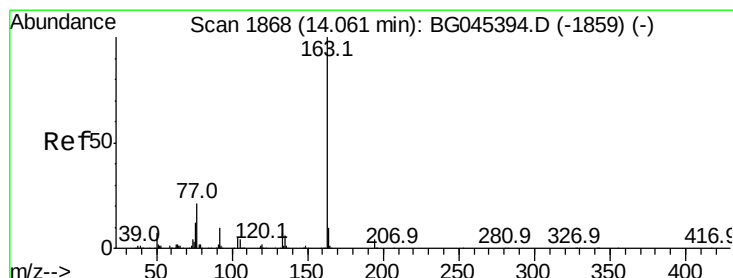
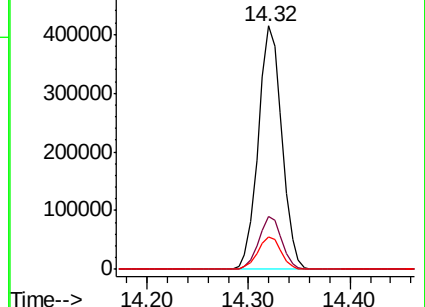
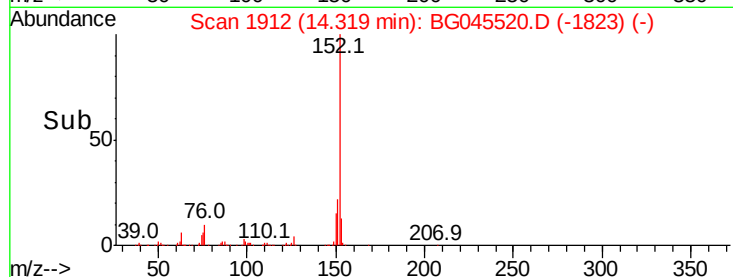
153 13.2 10.7 16.1



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: 38.739 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

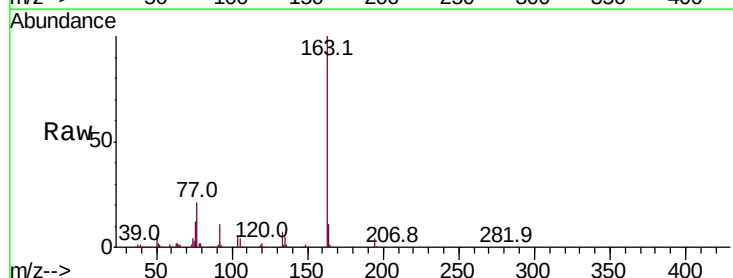
Tgt Ion:163 Resp: 539819

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

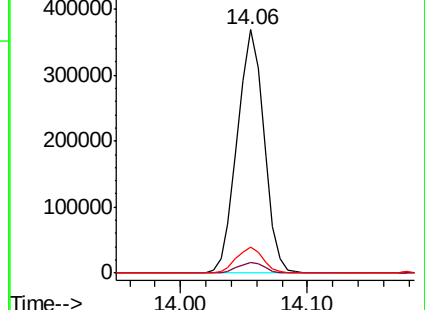
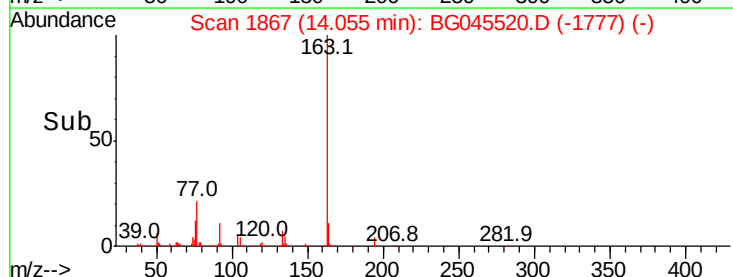
164 10.8 8.3 12.5

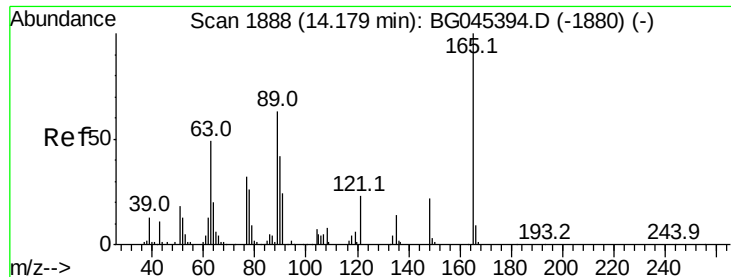


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

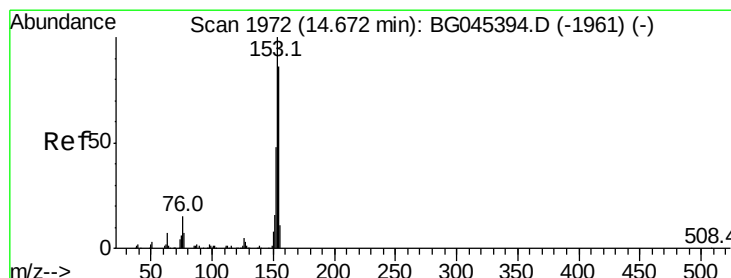
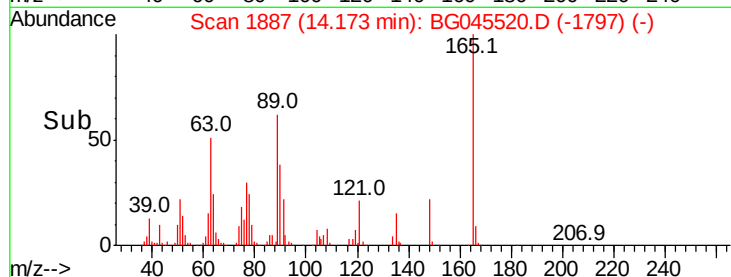
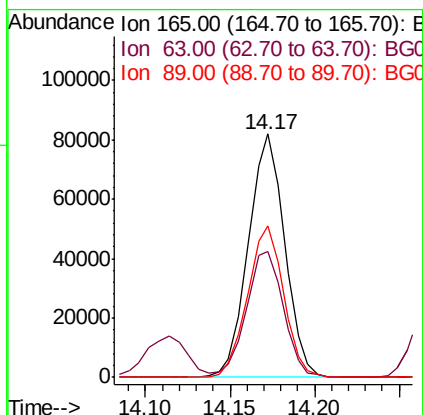
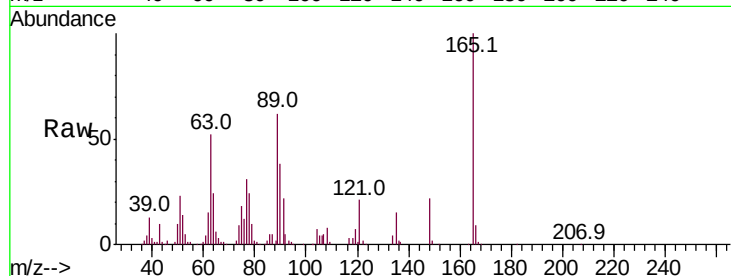




#51
2,6-Dinitrotoluene
Concen: 39.044 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

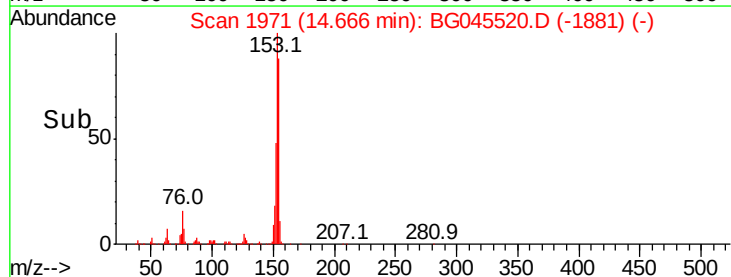
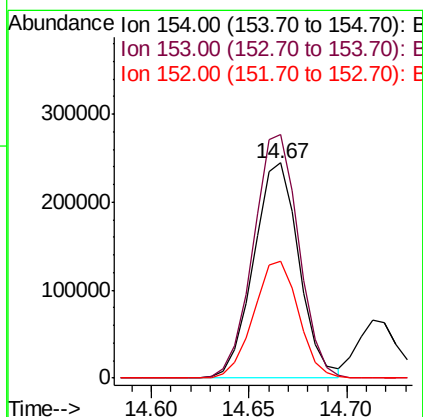
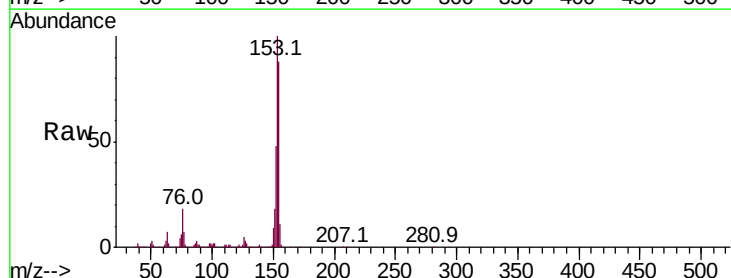
Instrument :
BNA_G
ClientSampleId :
PB129114BS

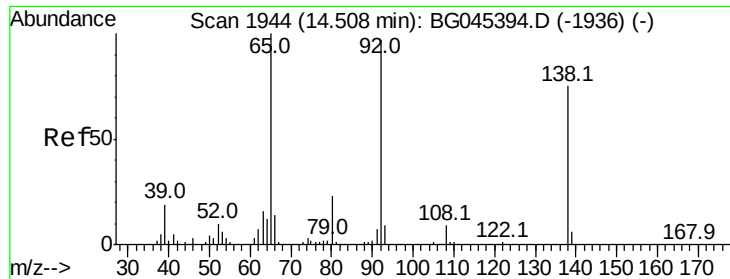
Tot Ion:165 Resp: 122770
Ion Ratio Lower Upper
165 100
63 51.5 45.0 67.4
89 62.4 50.2 75.4



#52
Acenaphthene
Concen: 36.032 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:154 Resp: 392670
Ion Ratio Lower Upper
154 100
153 113.1 92.8 139.2
152 54.5 44.6 66.8

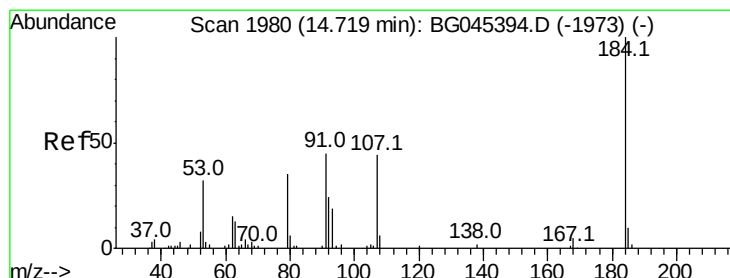
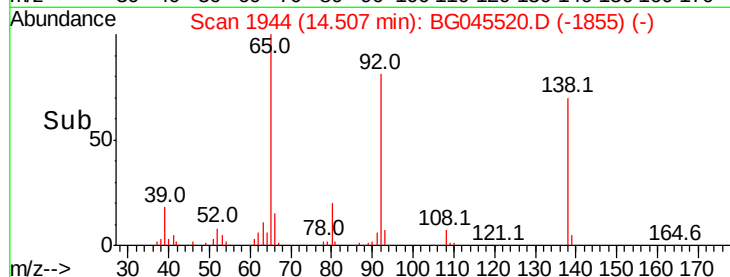
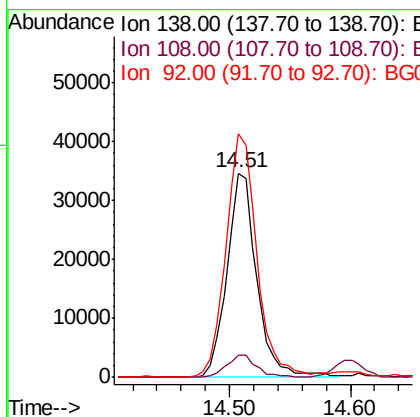
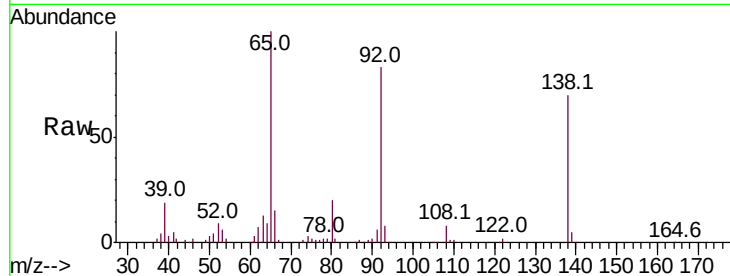




#53
 3-Nitroaniline
 Concen: 18.575 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

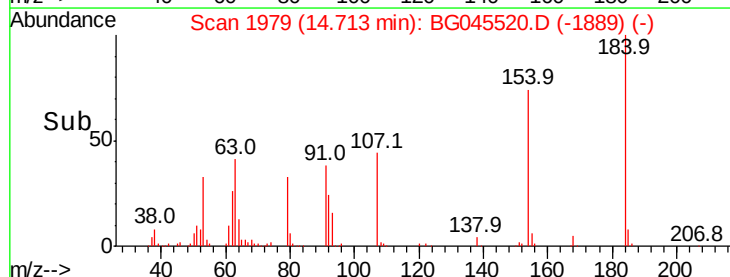
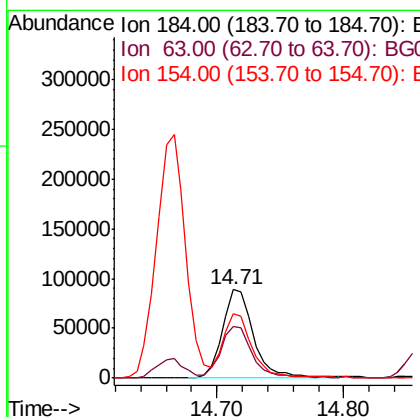
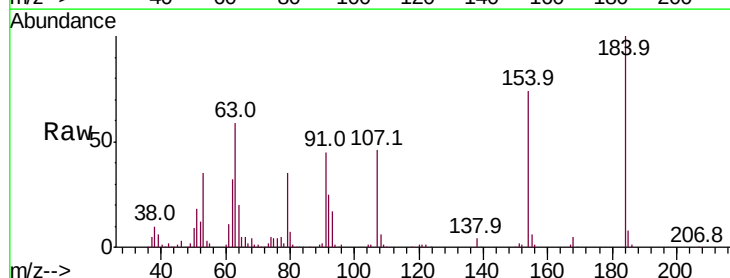
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

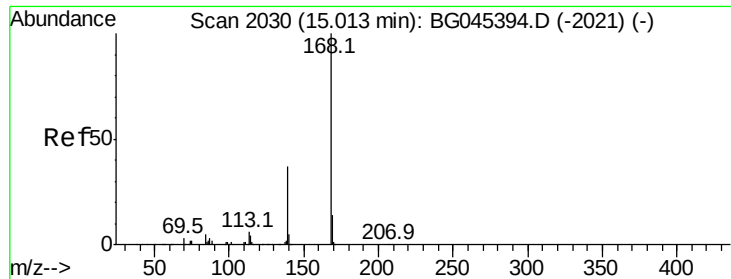
Tot Ion:138 Resp: 59374
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.8 14.6
 92 119.4 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 73.650 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion:184 Resp: 150745
 Ion Ratio Lower Upper
 184 100
 63 58.8 47.8 71.6
 154 73.7 58.3 87.5





#55

Dibenzofuran

Concen: 39.543 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

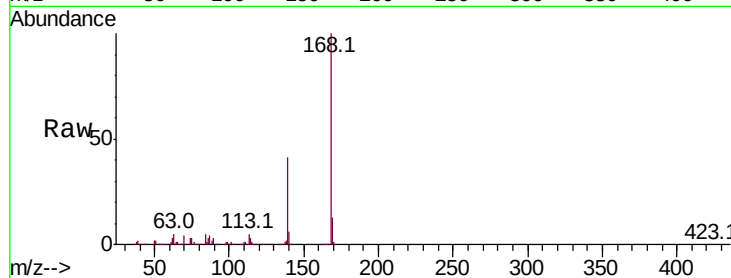
Tot Ion:168 Resp: 639932

Ion Ratio Lower Upper

168 100

139 40.5 29.9 44.9

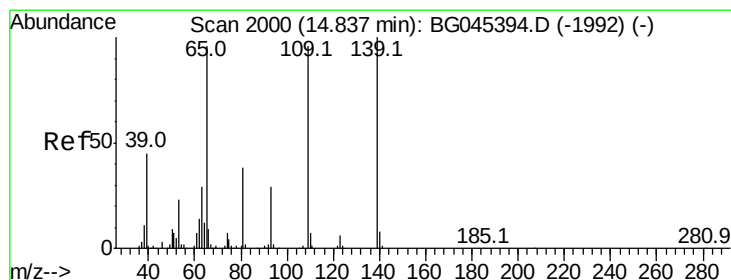
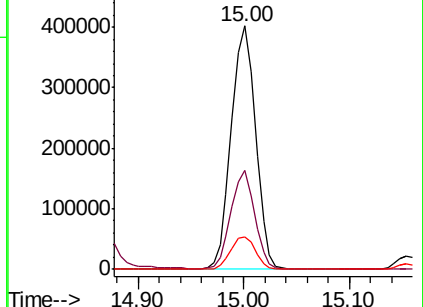
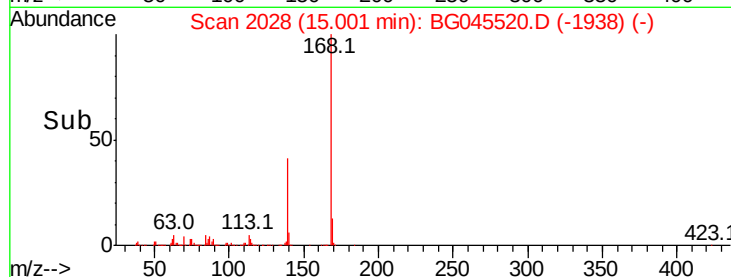
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.706 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

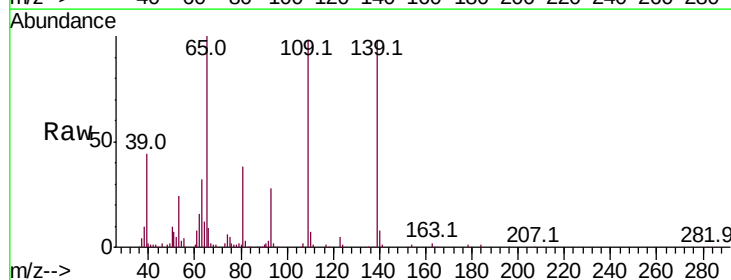
Tgt Ion:139 Resp: 190469

Ion Ratio Lower Upper

139 100

109 100.2 75.6 115.6

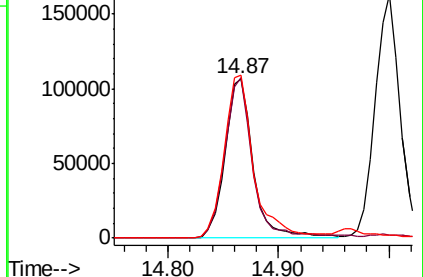
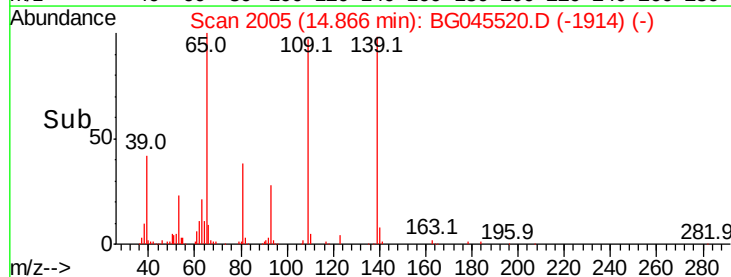
65 102.4 76.8 116.8

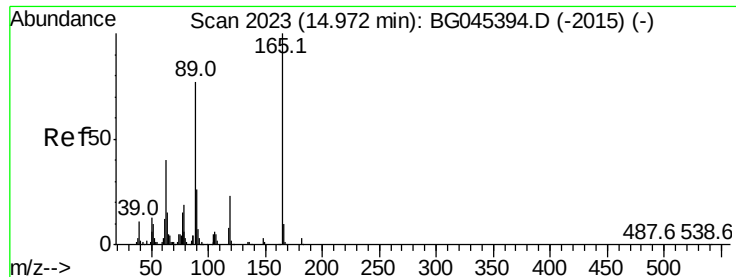


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

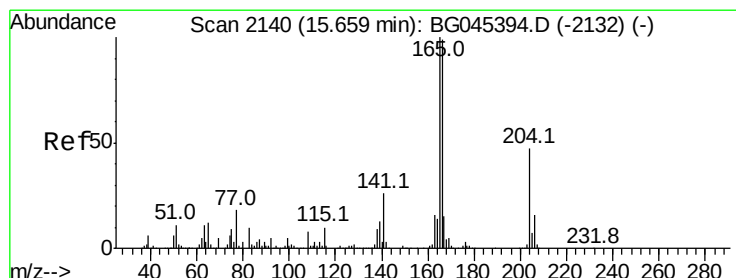
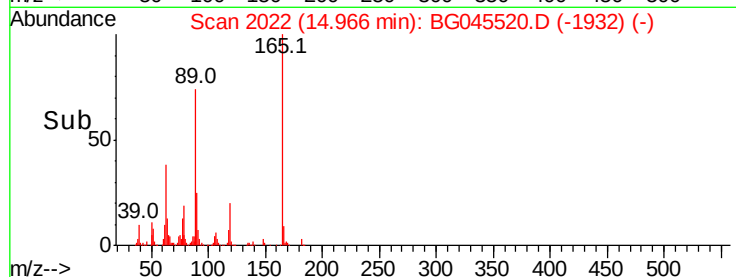
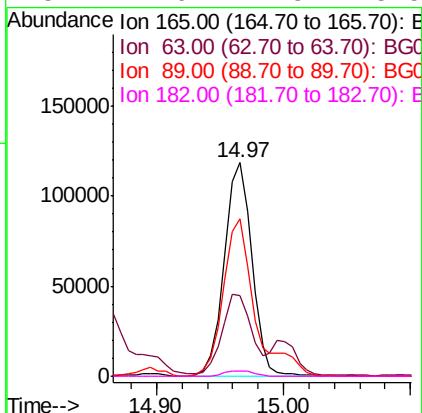
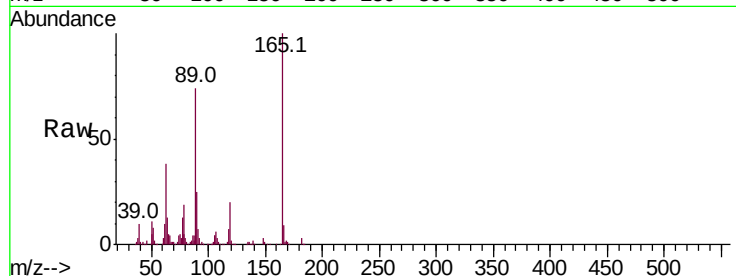




#57
2,4-Dinitrotoluene
Concen: 39.209 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

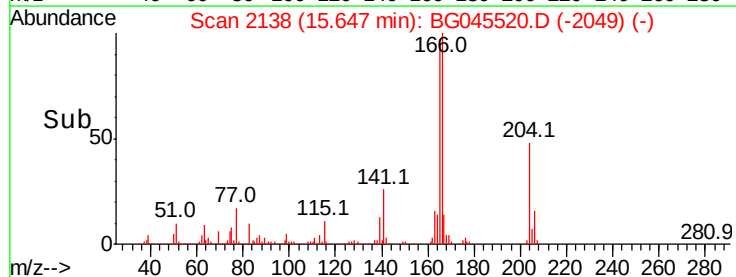
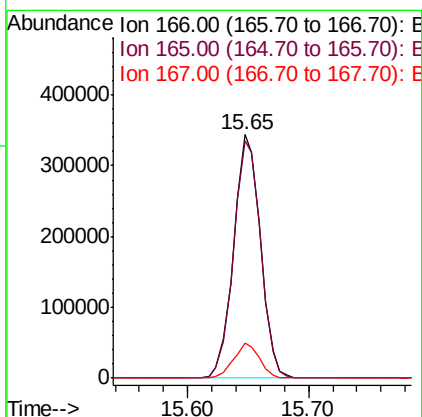
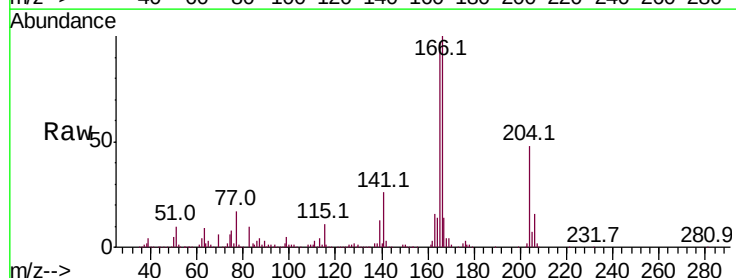
Instrument :
BNA_G
ClientSampleId :
PB129114BS

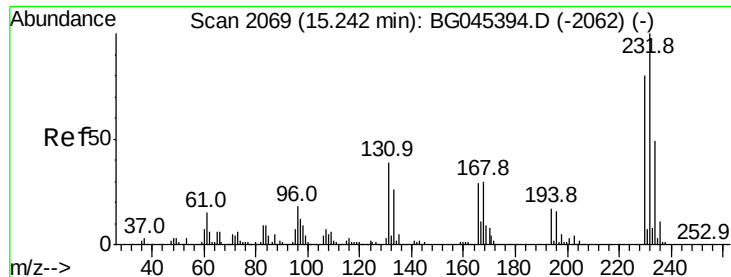
Tot Ion:	165	Resp:	178556
Ion	Ratio	Lower	Upper
165	100		
63	37.9	32.5	48.7
89	73.7	61.8	92.6
182	2.6	2.3	3.5



#58
Fluorene
Concen: 40.037 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:	166	Resp:	532312
Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.8	121.2
167	14.5	12.0	18.0

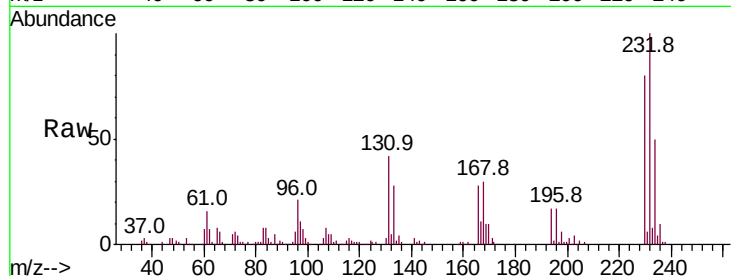




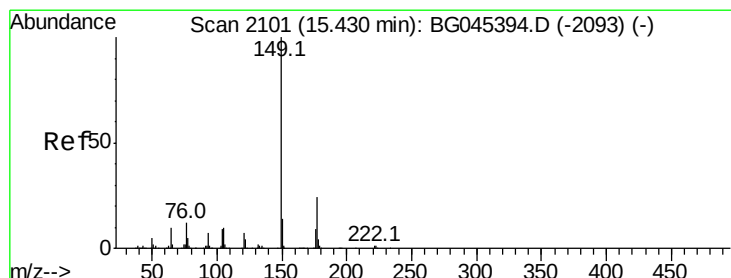
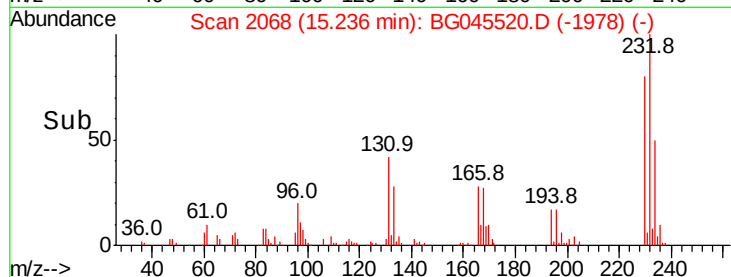
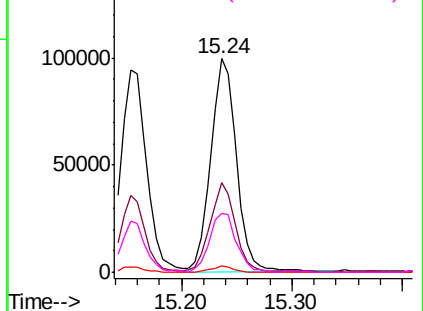
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.219 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion:	232	Resp:	159367
Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.7	50.5
130	2.4	2.1	3.1
166	28.3	23.2	34.8

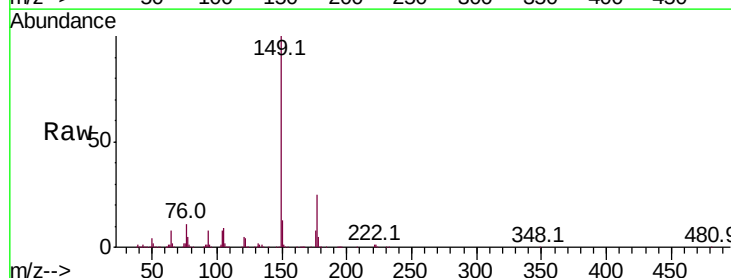


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

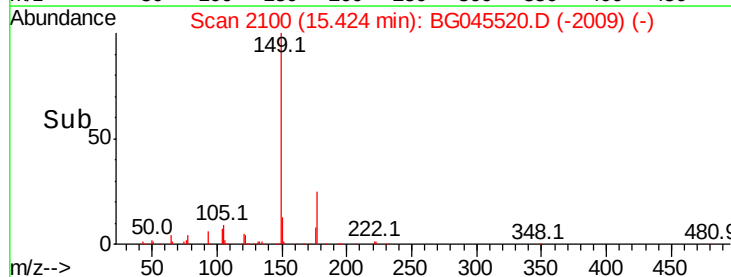
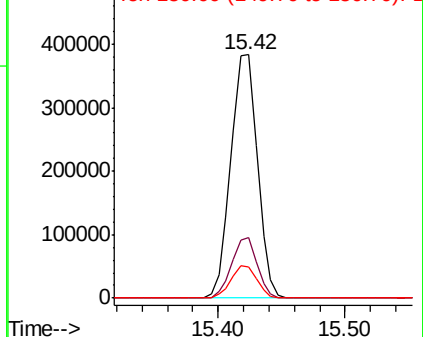


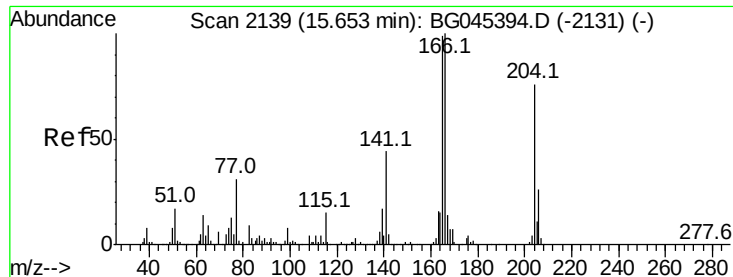
#60
 Diethylphthalate
 Concen: 38.421 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion:	149	Resp:	557253
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	12.8	11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

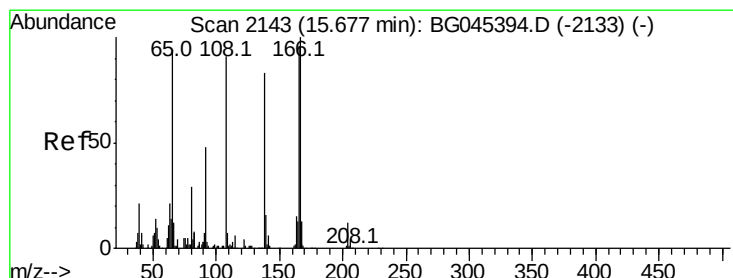
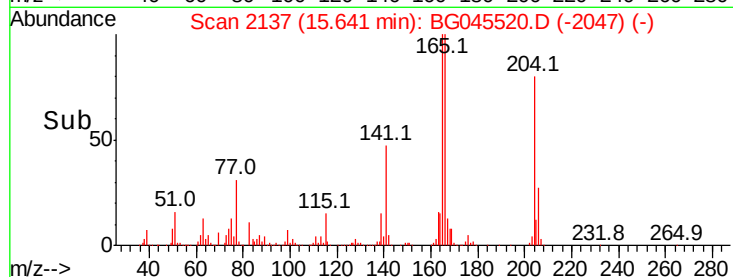
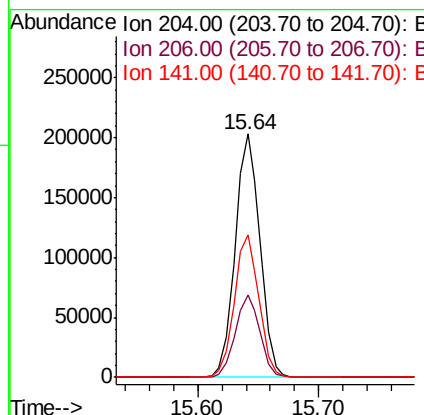
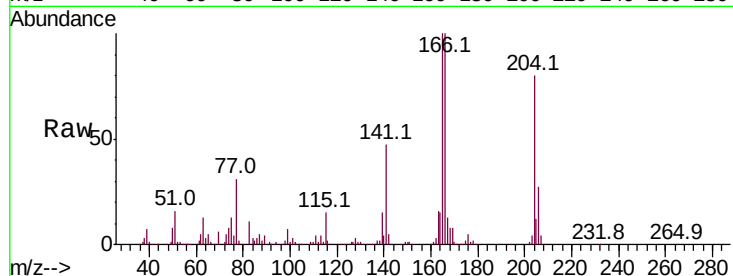




#61
4-Chlorophenyl-phenylether
Concen: 38.068 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

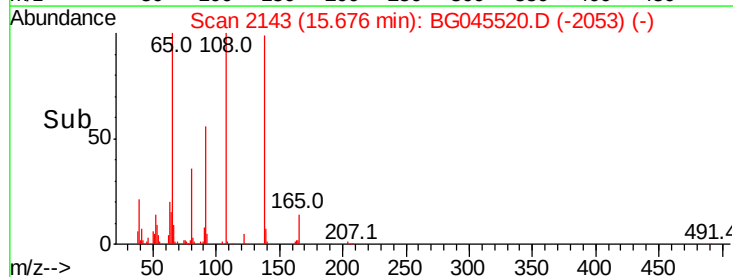
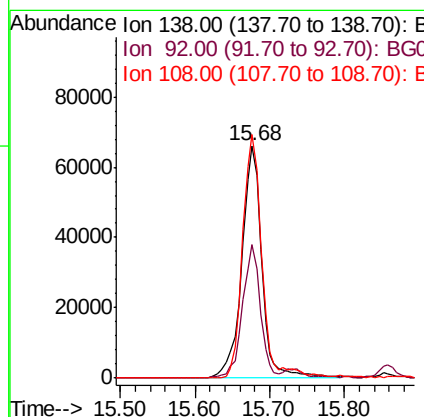
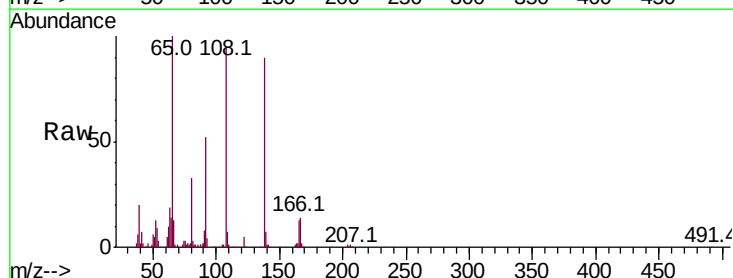
Instrument :
BNA_G
ClientSampleId :
PB129114BS

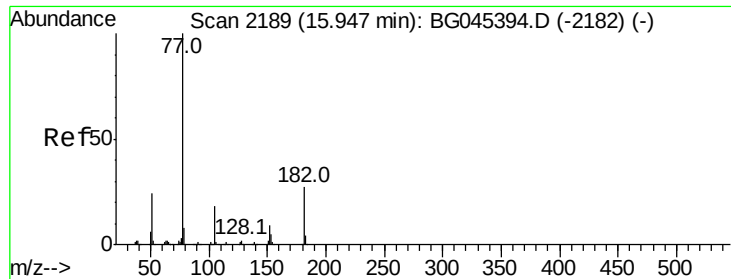
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.3	40.9
141	58.4	45.9	68.9



#62
4-Nitroaniline
Concen: 36.890 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	38.0	78.0
108	104.8	89.3	129.3





#63

Azobenzene

Concen: 39.723 ng

RT: 15.93 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampled :

PB129114BS

Tot Ion: 77 Resp: 537216

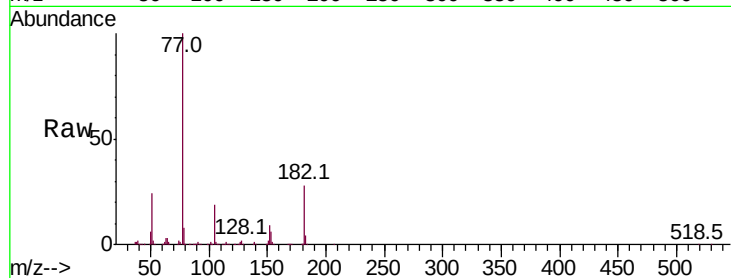
Ion Ratio Lower Upper

77 100

182 27.6 6.5 46.5

105 19.1 0.0 37.9

51 24.3 4.1 44.1

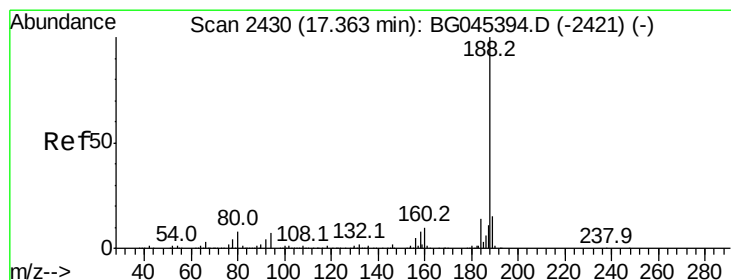
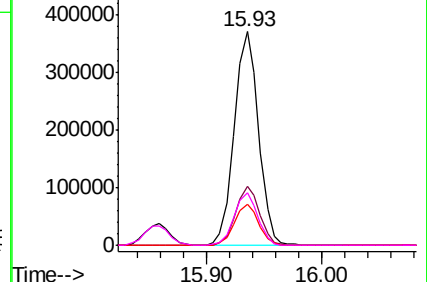
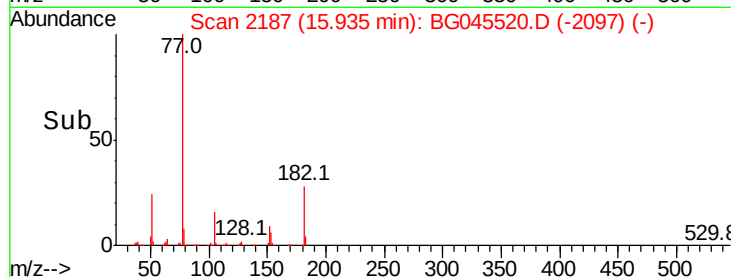


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

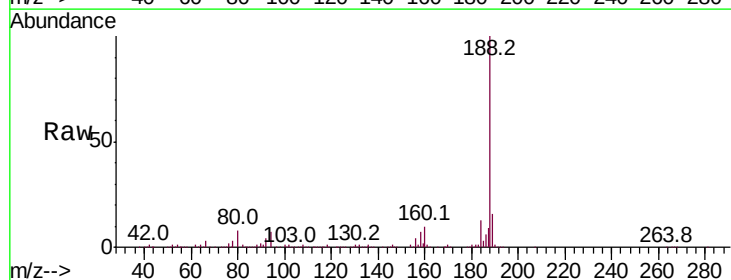
Tgt Ion: 188 Resp: 491351

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

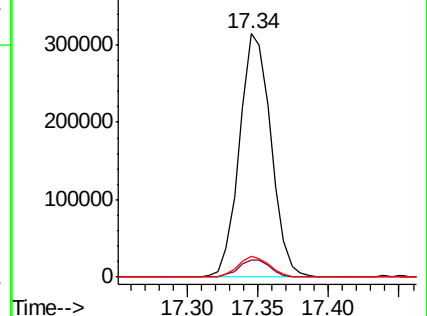
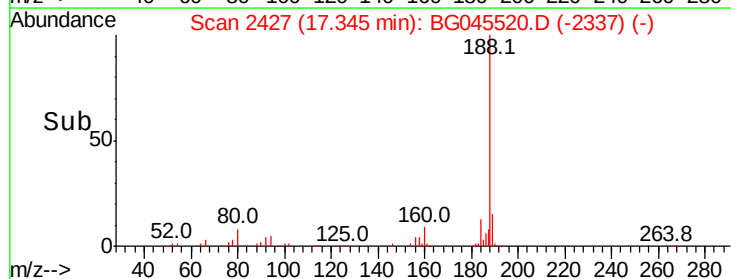
80 8.4 6.6 10.0

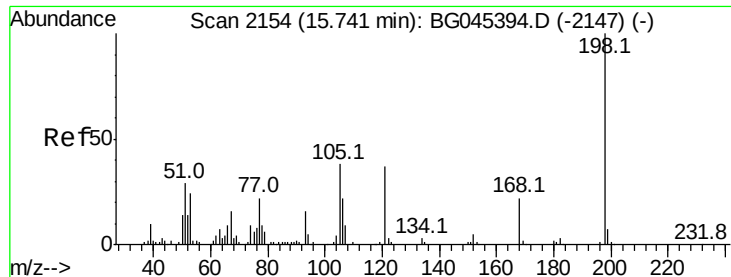


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.050 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

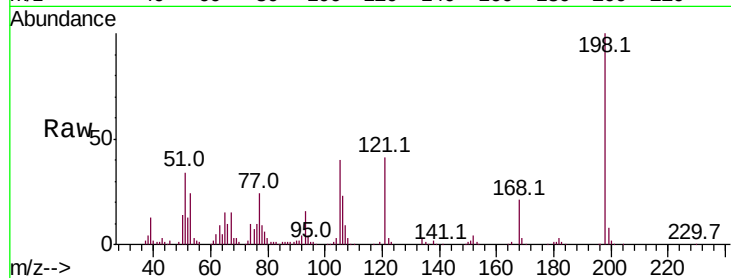
Tot Ion:198 Resp: 114608

Ion Ratio Lower Upper

198 100

51 34.0 10.0 50.0

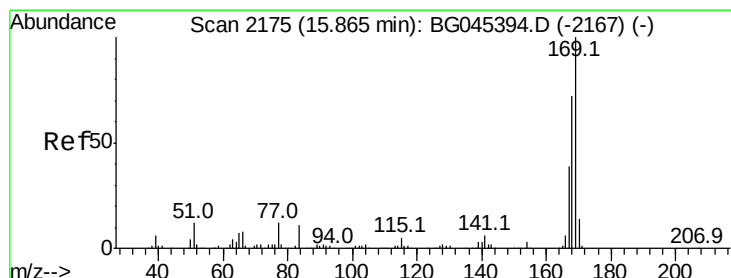
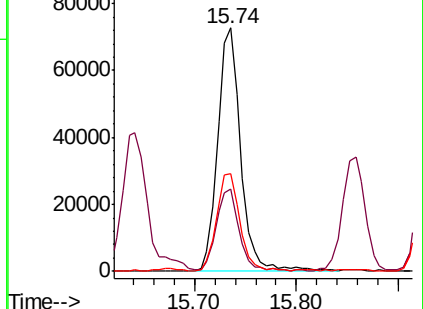
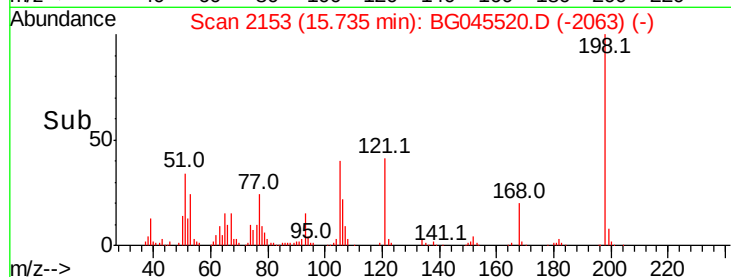
105 40.0 18.9 58.9



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: 40.247 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

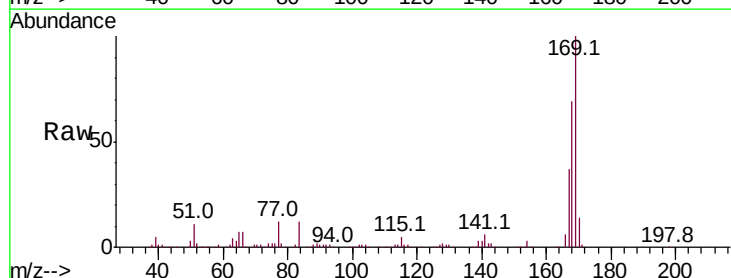
Tgt Ion:169 Resp: 474810

Ion Ratio Lower Upper

169 100

168 68.8 57.8 86.6

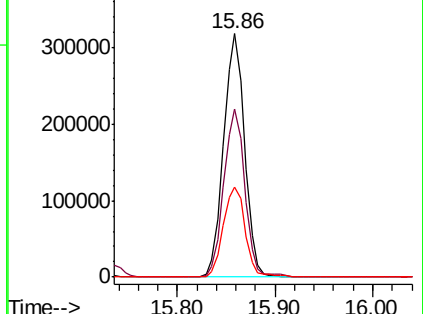
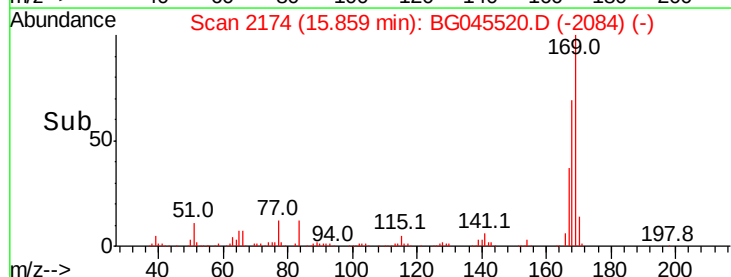
167 36.9 31.5 47.3

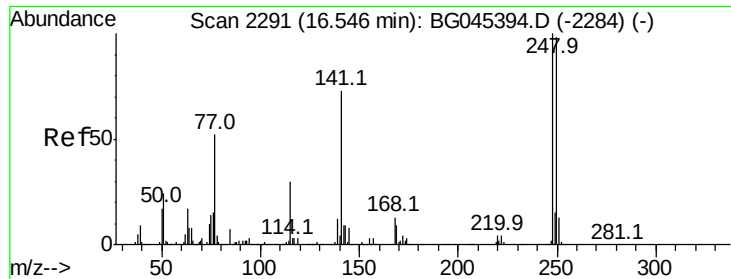


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

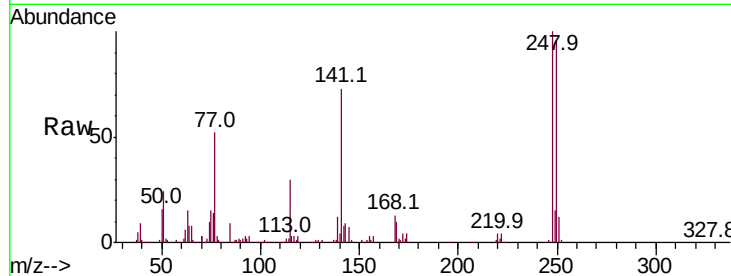




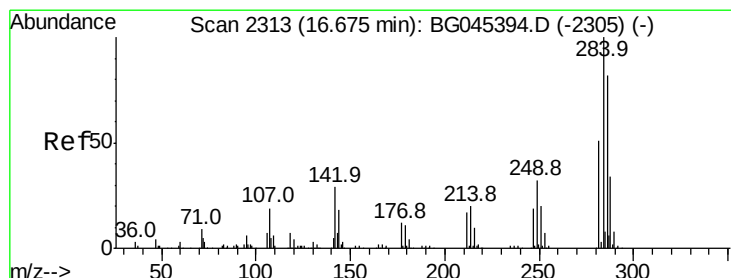
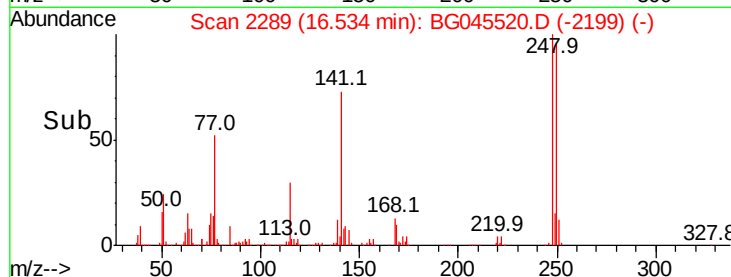
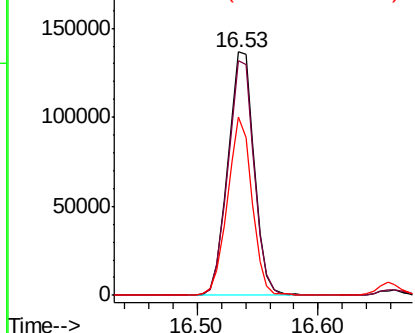
#67
4-Bromophenyl-phenylether
Concen: 38.782 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:248 Resp: 206341
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 73.3 58.2 87.2

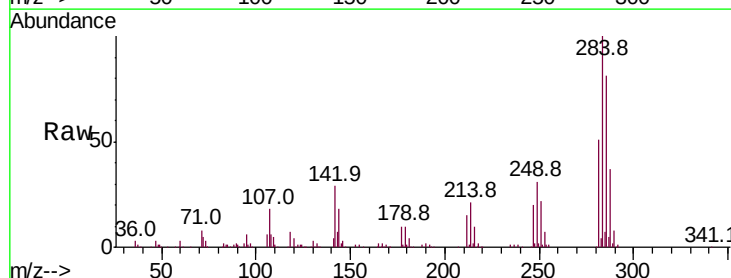


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

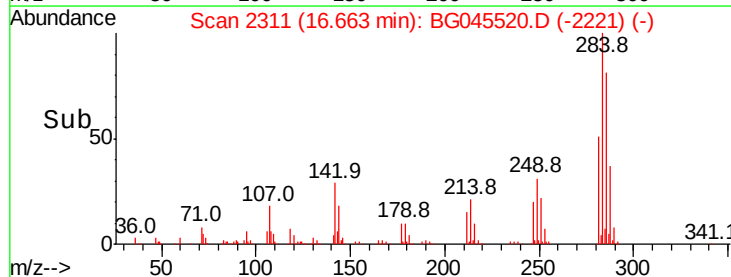
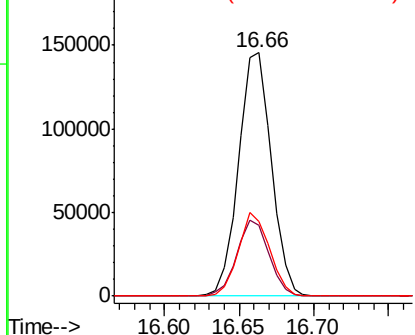


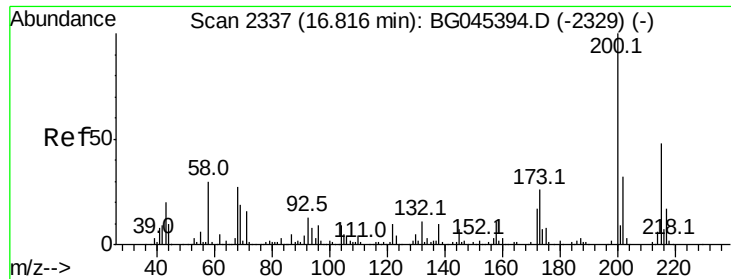
#68
Hexachlorobenzene
Concen: 39.856 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:284 Resp: 221790
Ion Ratio Lower Upper
284 100
142 29.1 23.0 34.6
249 30.6 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.005 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

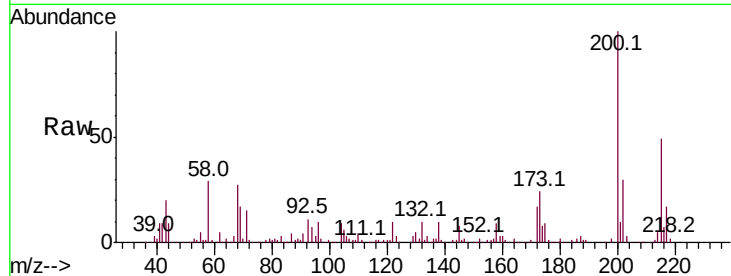
Tot Ion:200 Resp: 184674

Ion Ratio Lower Upper

200 100

173 23.9 5.5 45.5

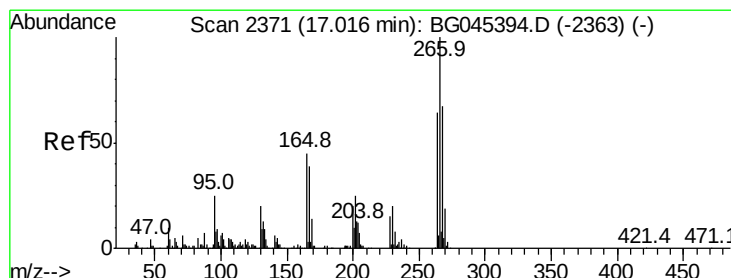
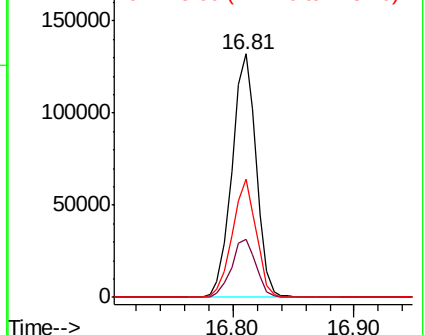
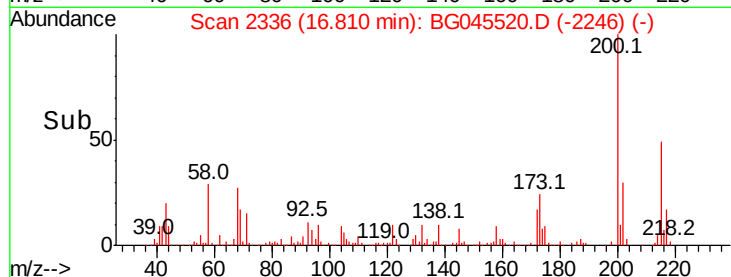
215 48.5 28.2 68.2



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: 83.221 ng

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

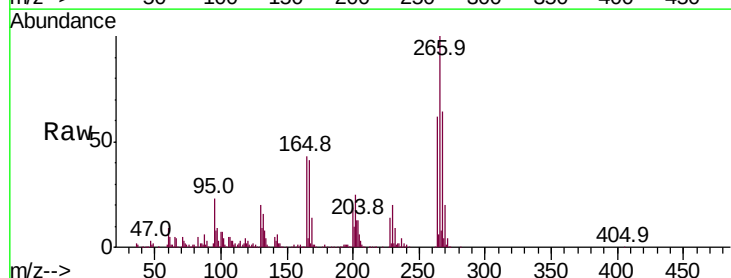
Tgt Ion:266 Resp: 240465

Ion Ratio Lower Upper

266 100

268 63.7 53.2 79.8

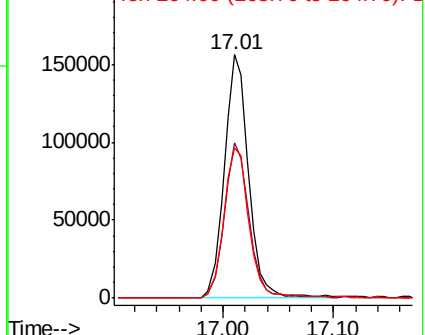
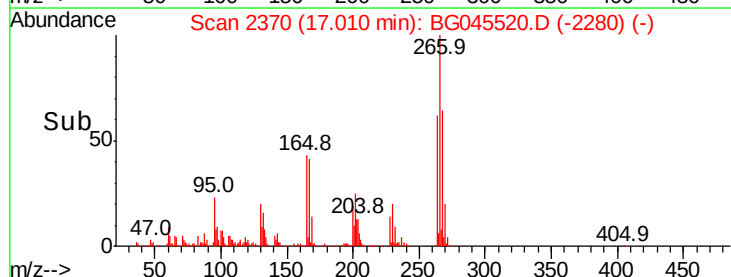
264 61.7 51.0 76.4

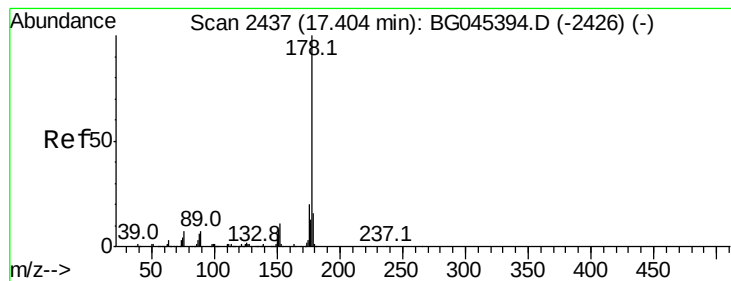


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.289 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

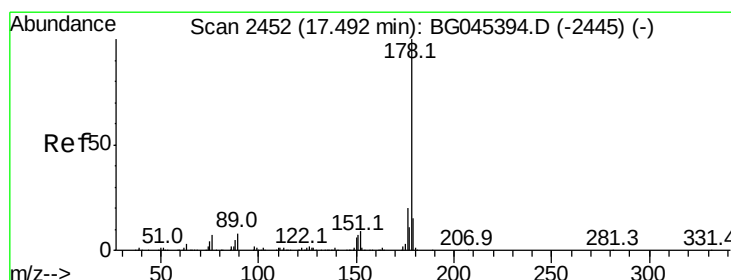
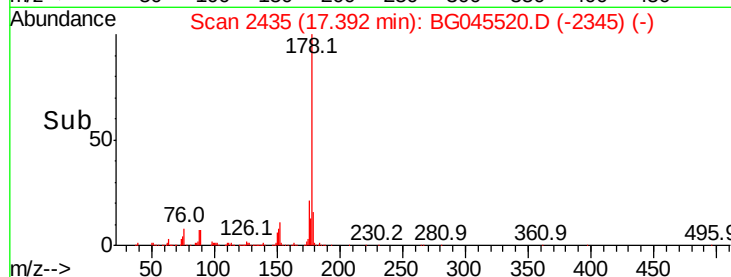
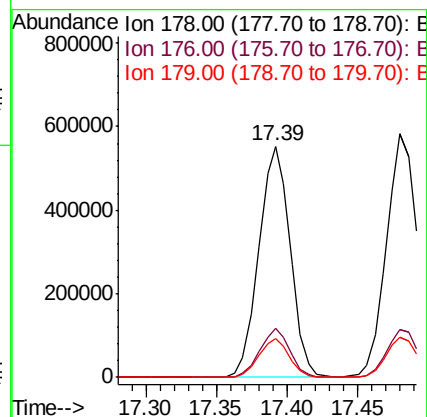
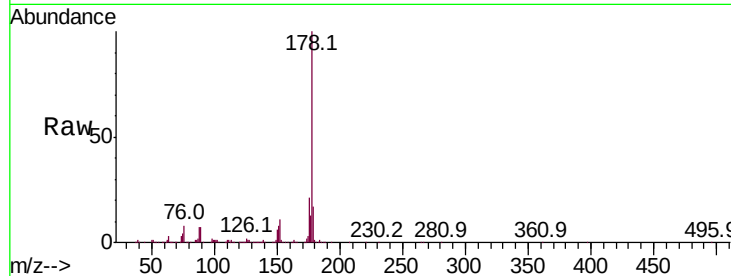
Tot Ion:178 Resp: 864199

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

179 16.5 13.1 19.7



#72

Anthracene

Concen: 41.502 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

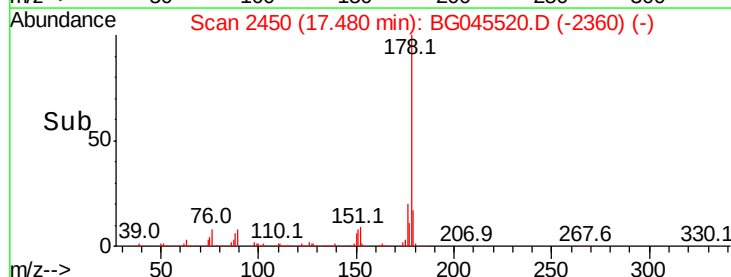
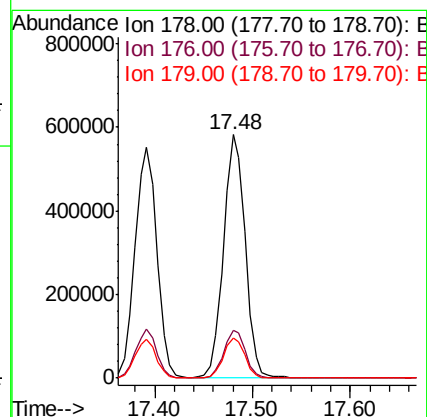
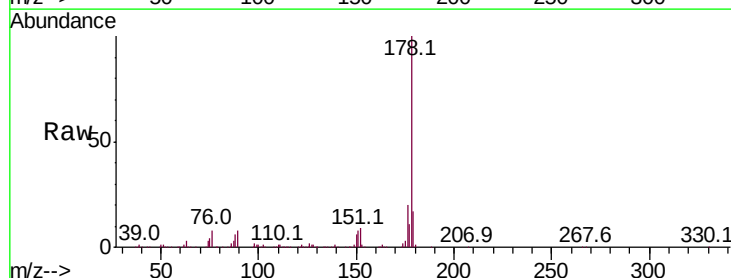
Tgt Ion:178 Resp: 893997

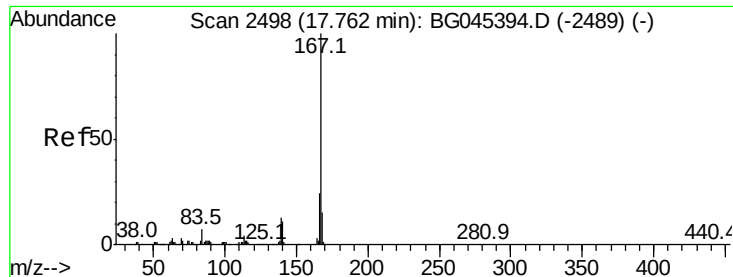
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.7 12.2 18.4





#73

Carbazole

Concen: 39.322 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

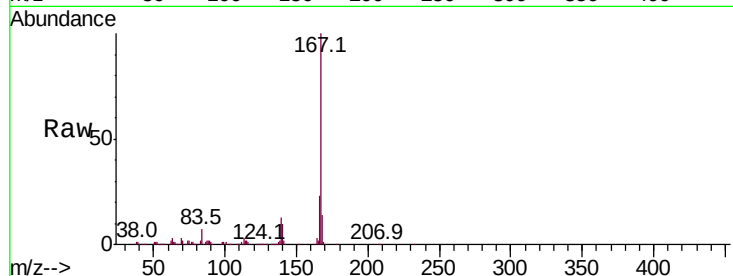
Tot Ion:167 Resp: 825646

Ion Ratio Lower Upper

167 100

166 23.2 19.2 28.8

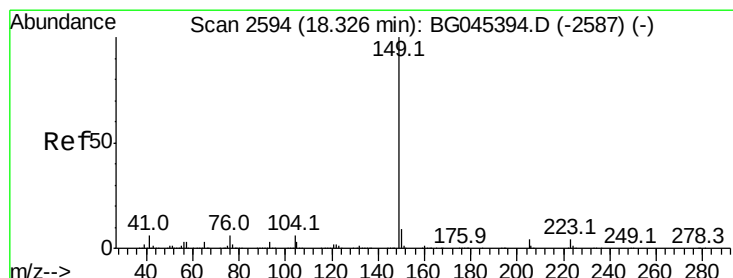
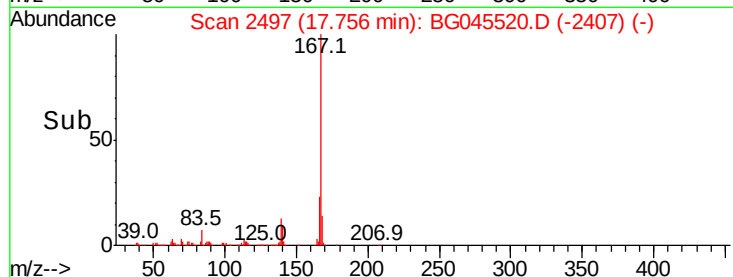
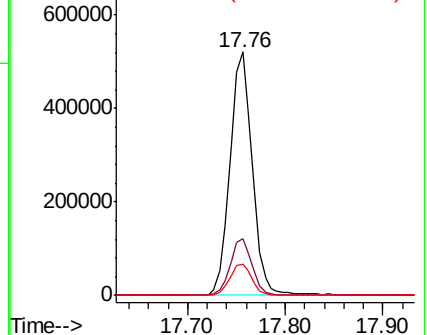
139 12.7 10.6 16.0



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: 39.326 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

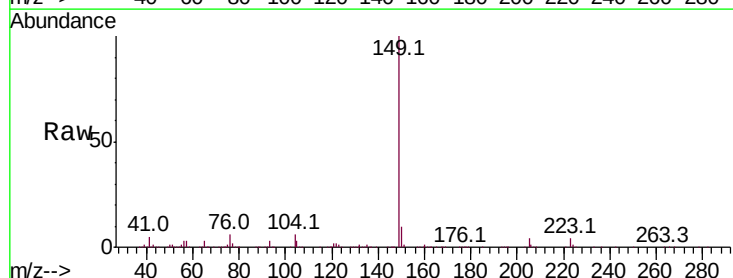
Tgt Ion:149 Resp: 991087

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

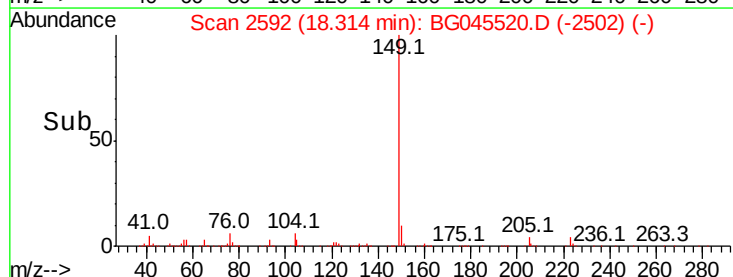
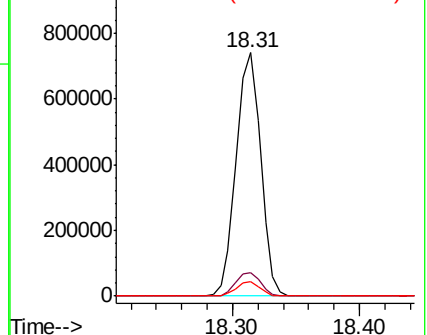
104 6.2 5.0 7.4

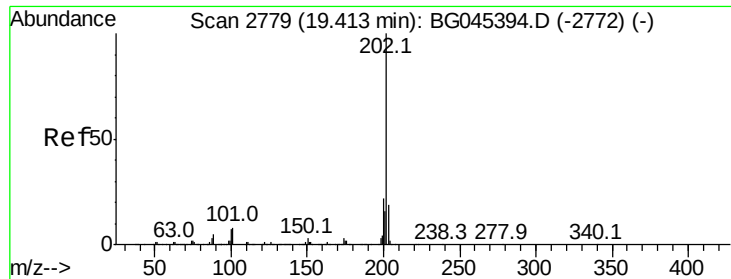


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.804 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

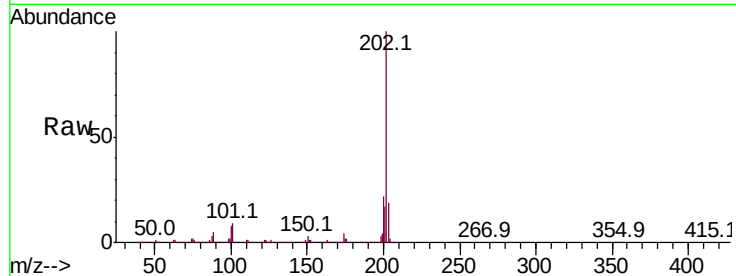
Tot Ion:202 Resp: 1085978

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

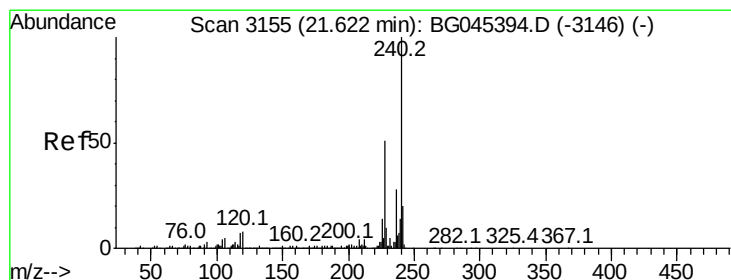
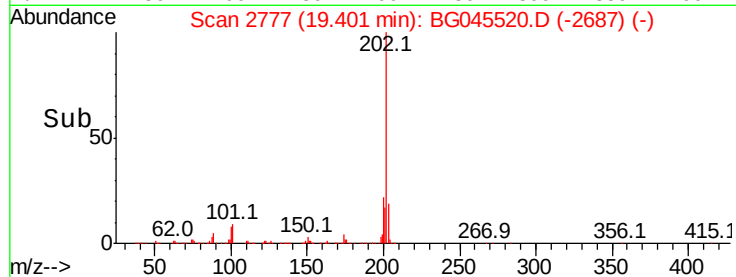
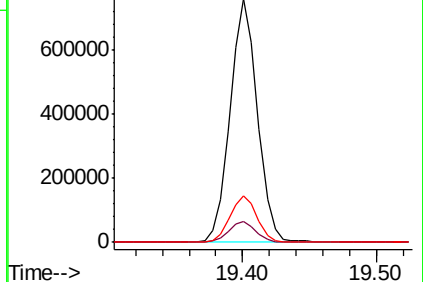
203 19.1 0.0 39.0



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: BG045520.D

Acq: 29 May 2020 12:38

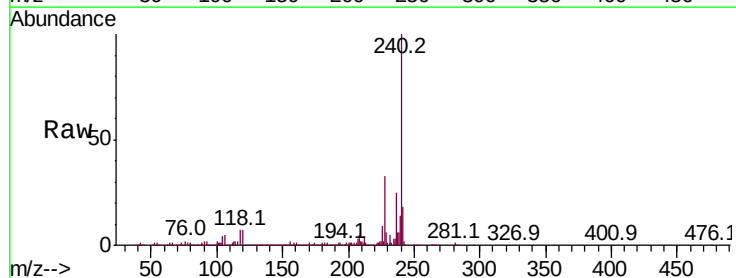
Tgt Ion:240 Resp: 470062

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

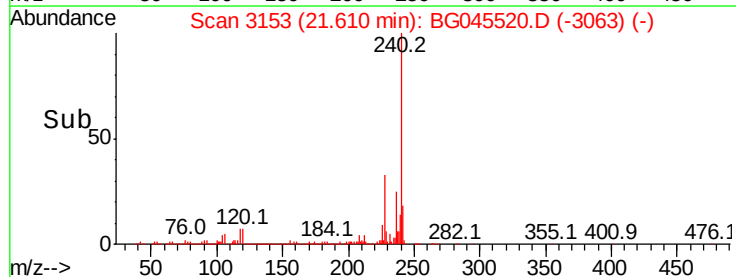
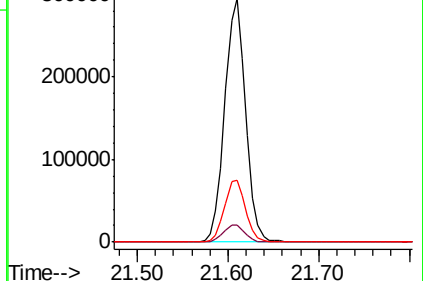
236 25.2 22.3 33.5

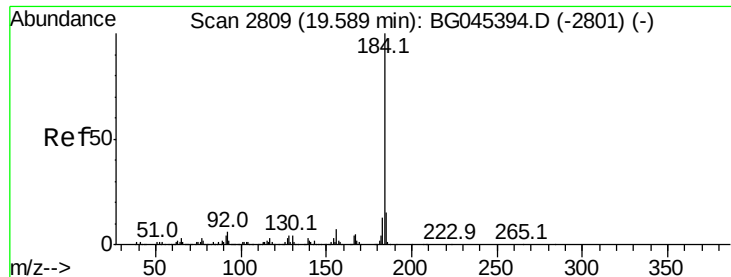


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.890 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

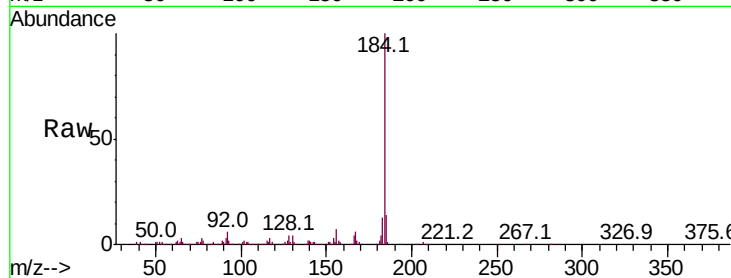
BNA_G

ClientSampleId :

PB129114BS

Tot Ion:184 Resp: 526629

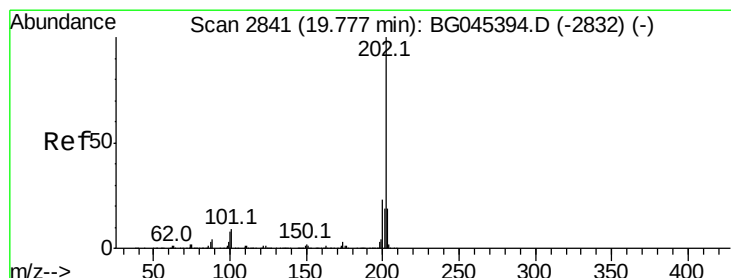
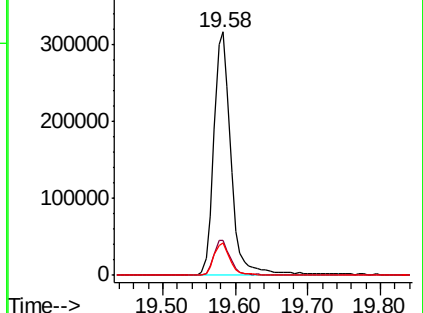
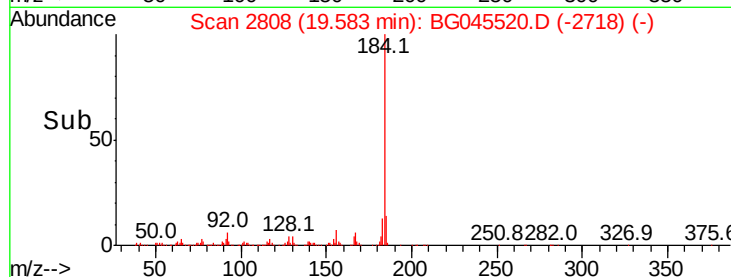
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	13.2	10.2	15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.690 ng

RT: 19.77 min Scan# 2839

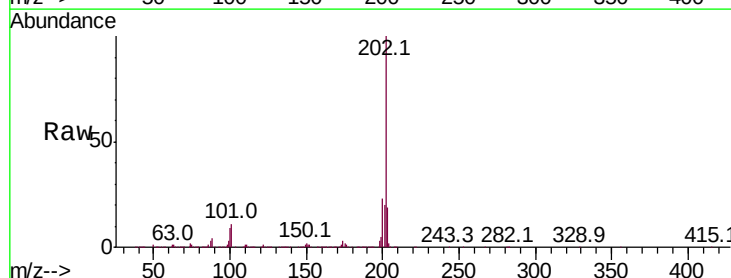
Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:202 Resp: 1090319

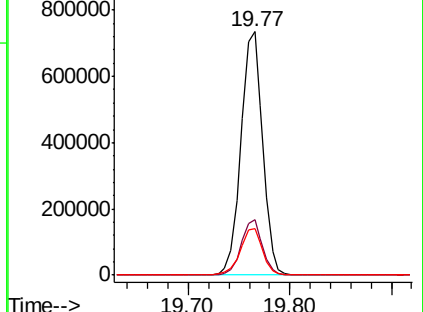
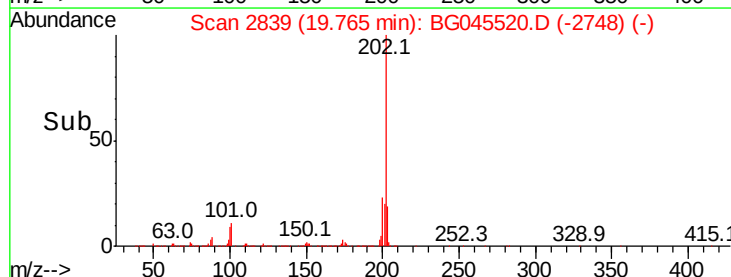
Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	19.1	15.1	22.7

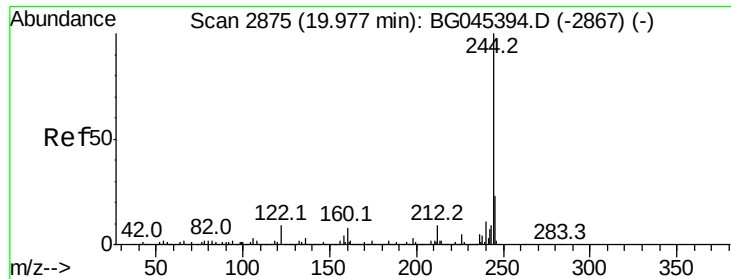


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.974 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

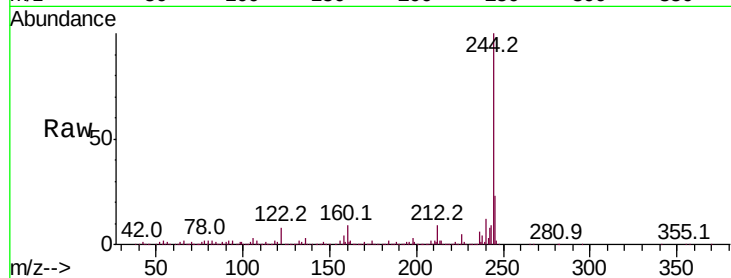
Tot Ion:244 Resp: 1672305

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

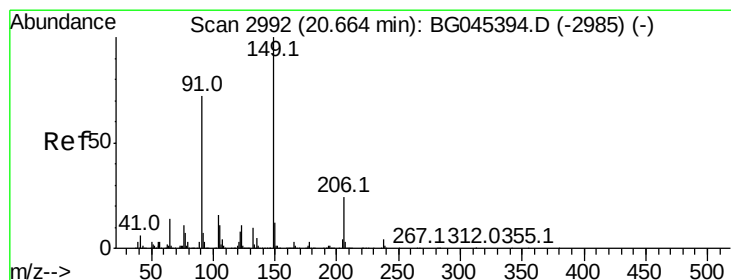
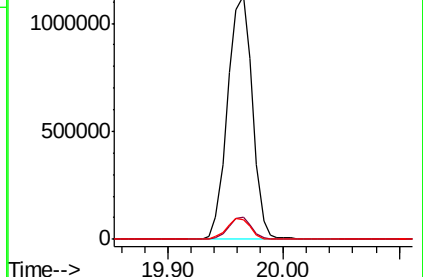
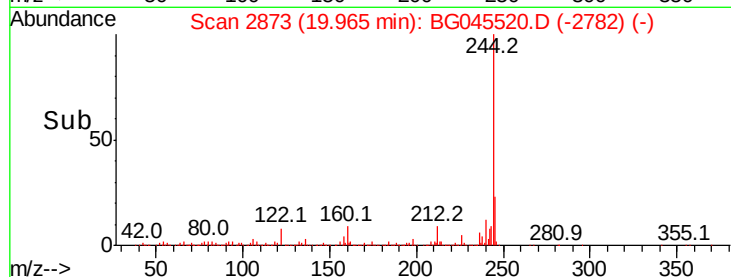
122 8.3 6.8 10.2



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: 38.422 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

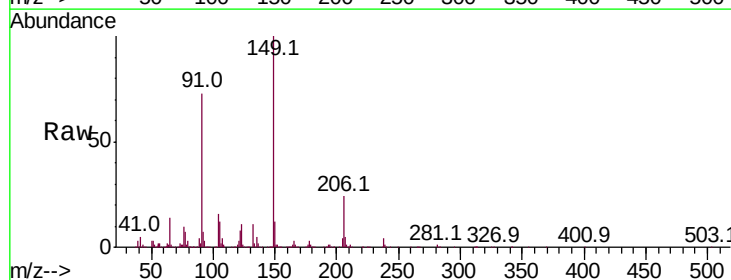
Tgt Ion:149 Resp: 444382

Ion Ratio Lower Upper

149 100

91 73.1 57.8 86.6

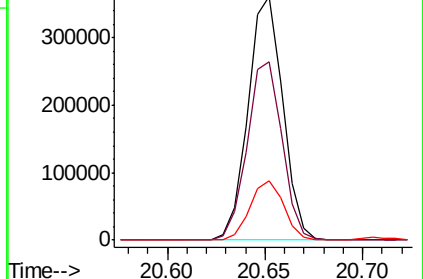
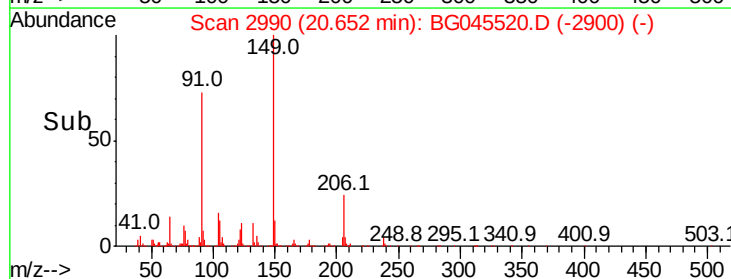
206 24.4 19.1 28.7

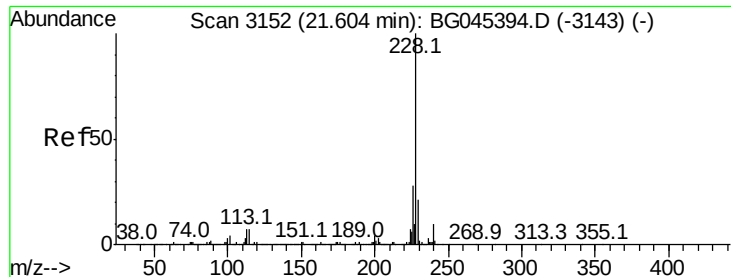


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.517 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

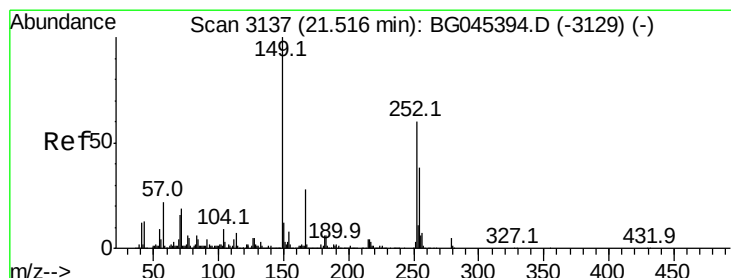
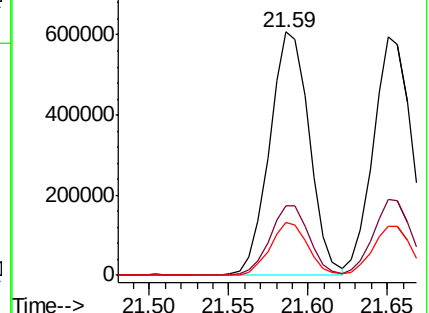
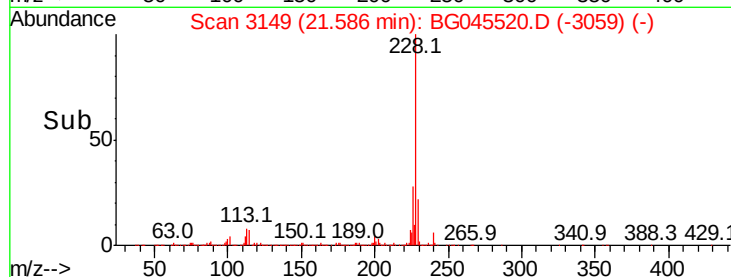
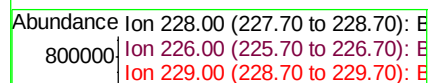
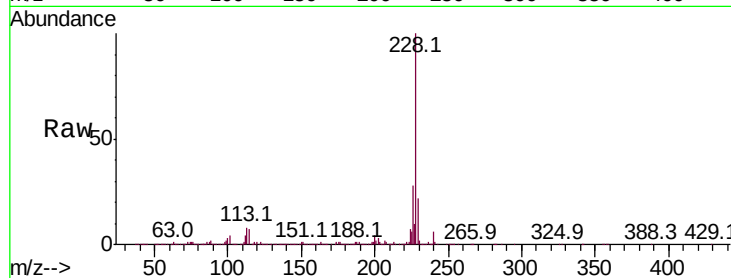
BNA_G

ClientSampleId :

PB129114BS

Tot Ion:228 Resp: 1060955

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.5	16.7	25.1



#82

3,3'-Dichlorobenzidine

Concen: 22.685 ng

RT: 21.50 min Scan# 3135

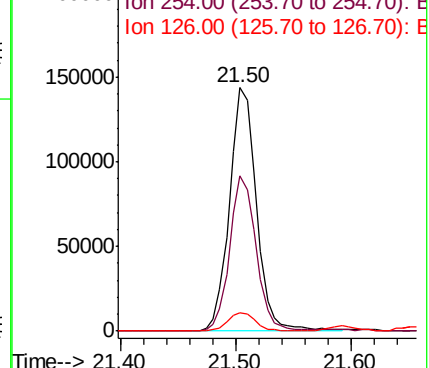
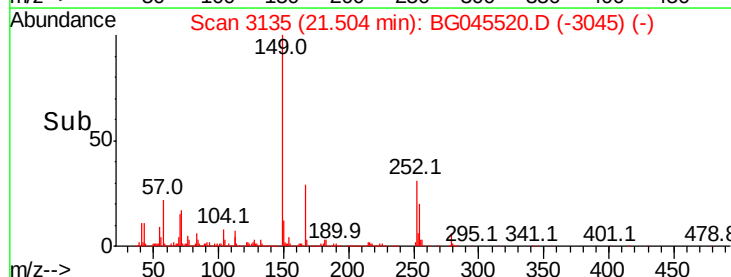
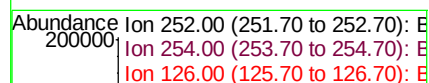
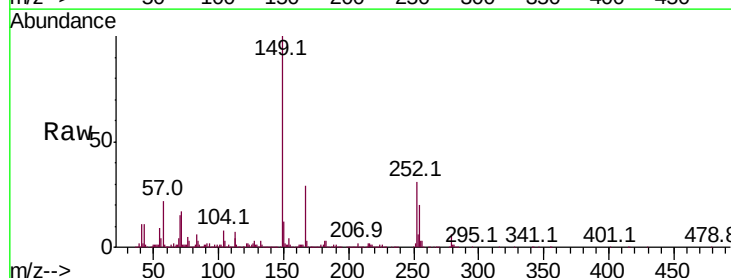
Delta R.T. -0.00 min

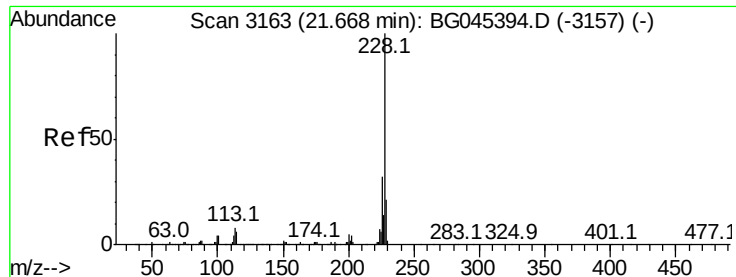
Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:252 Resp: 233014

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	7.4	6.6	10.0





#83

Chrysene

Concen: 39.743 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

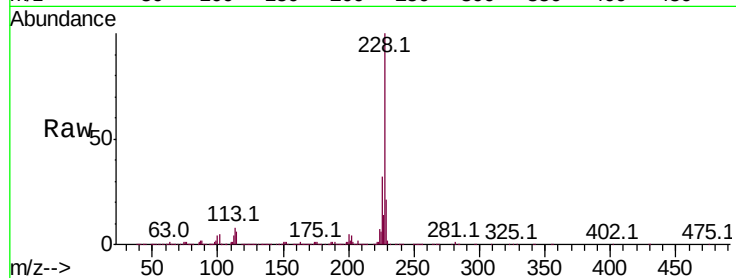
BNA_G

ClientSampleId :

PB129114BS

Tot Ion:228 Resp: 1000671

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.7	16.7	25.1

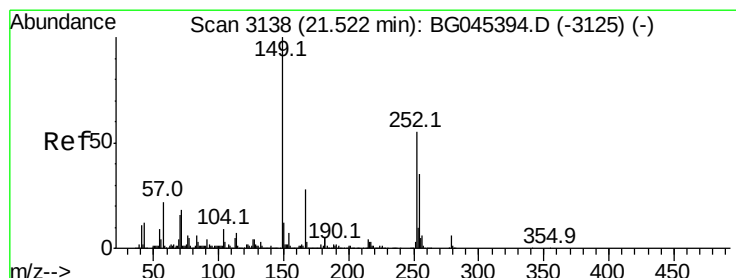
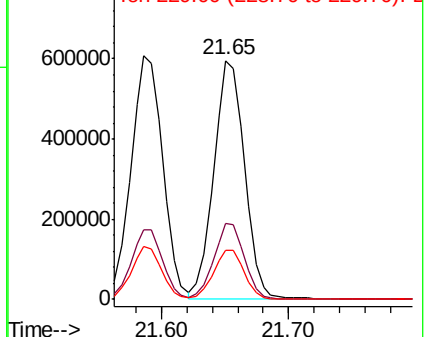
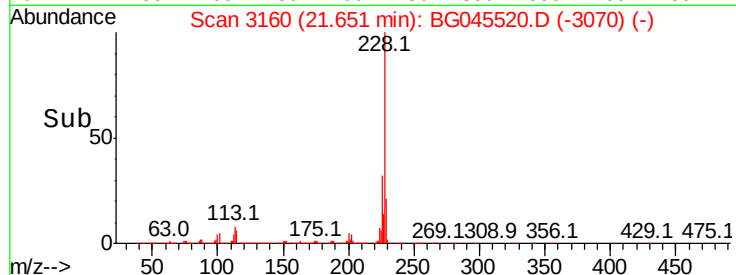


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.193 ng

RT: 21.50 min Scan# 3135

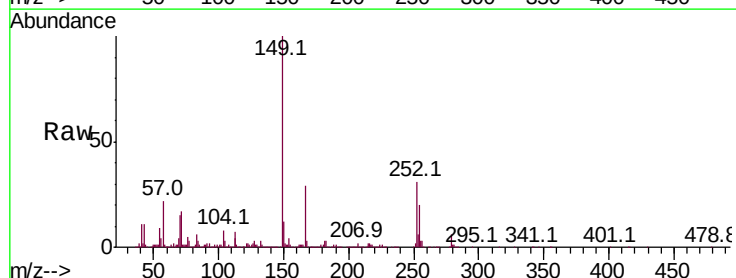
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:149 Resp: 623109

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	5.7	4.7	7.1

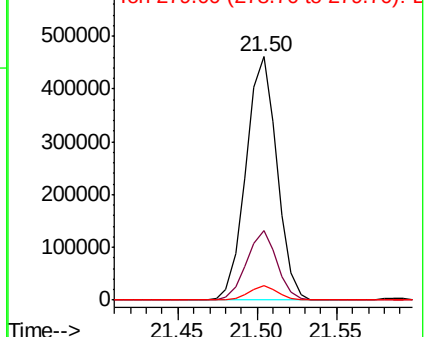
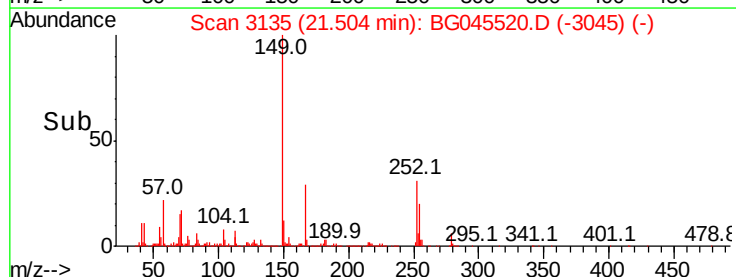


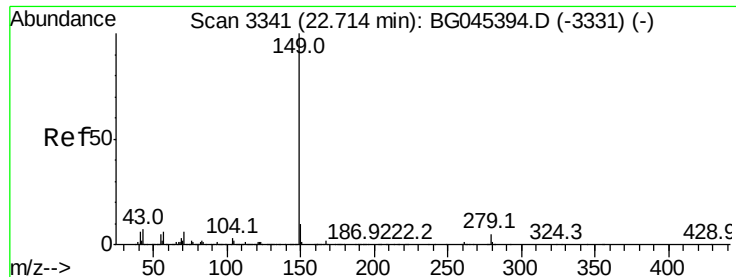
Abundance

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: 38.833 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

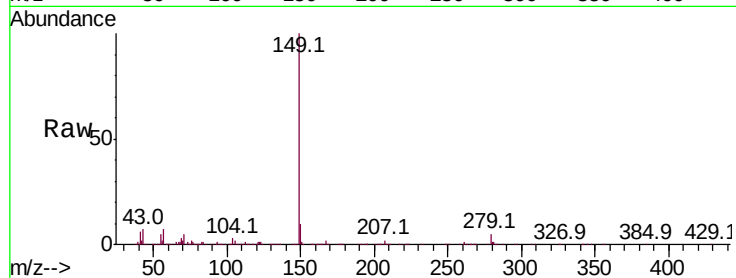
Tot Ion:149 Resp: 1060399

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

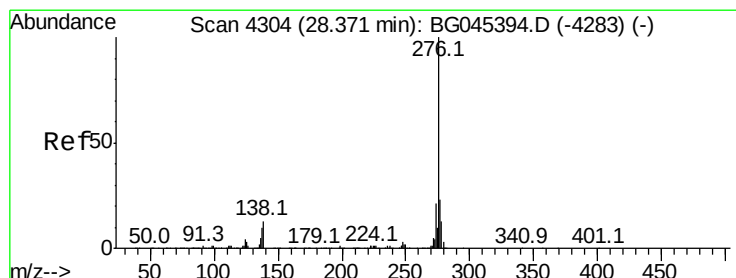
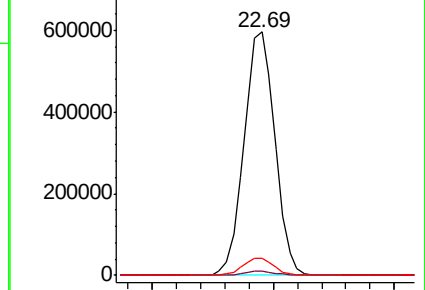
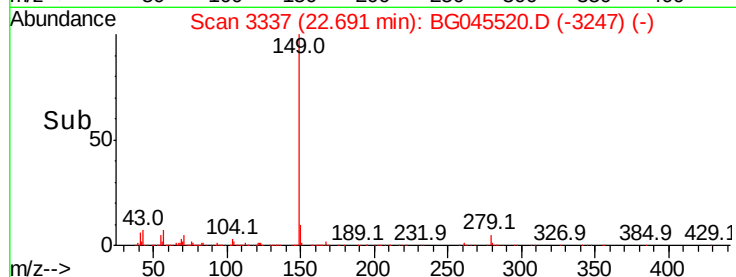
43 7.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.936 ng

RT: 28.32 min Scan# 4296

Delta R.T. -0.02 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

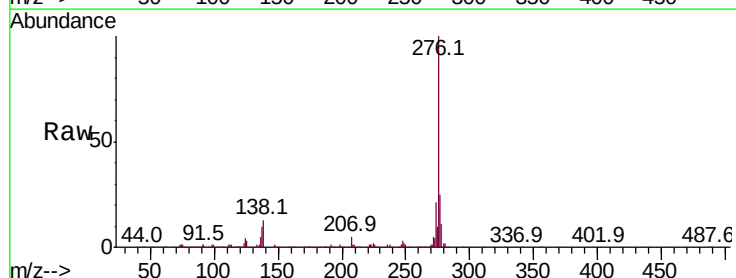
Tgt Ion:276 Resp: 1314897

Ion Ratio Lower Upper

276 100

138 15.9 8.6 12.8#

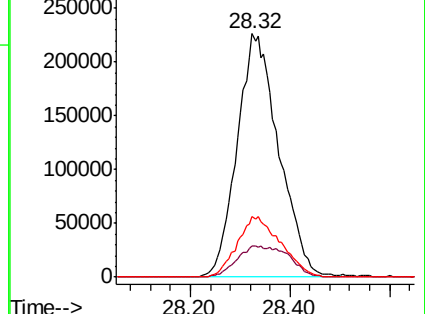
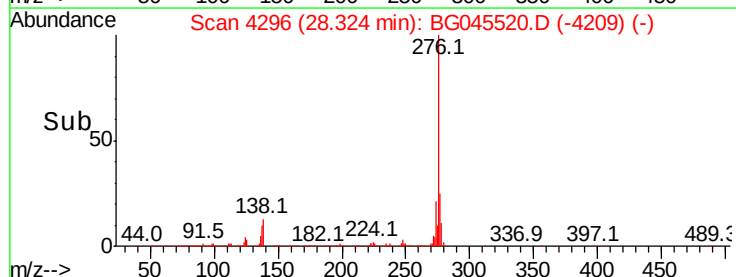
277 25.9 20.2 30.4

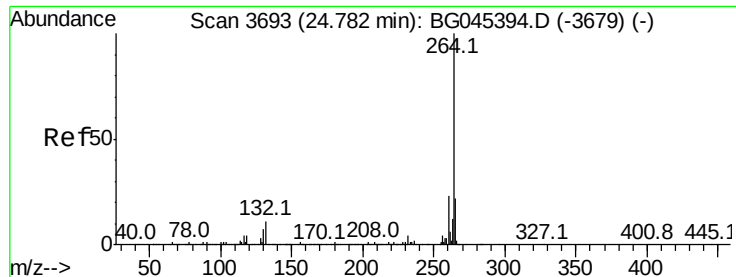


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

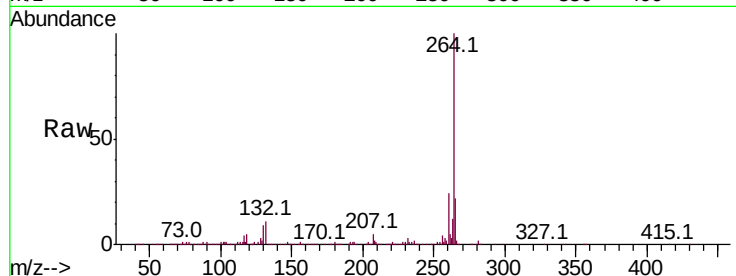
Tot Ion:264 Resp: 522090

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

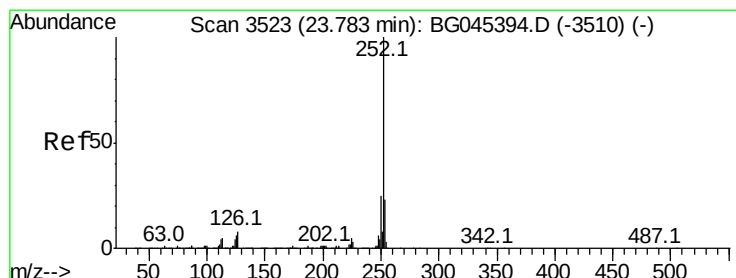
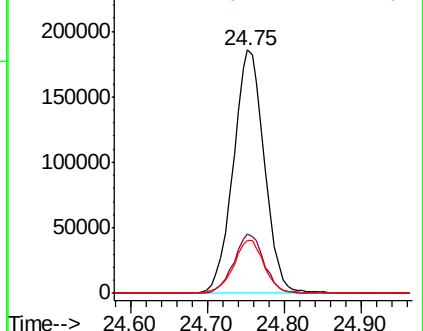
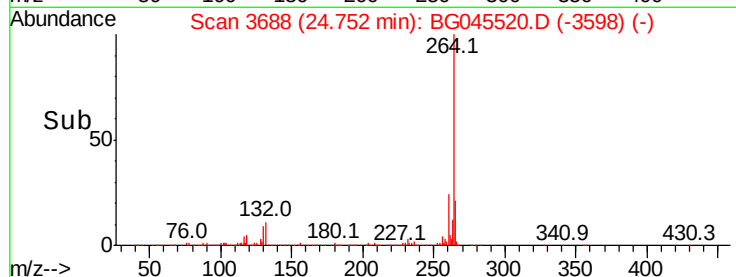
265 21.6 17.6 26.4



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: 40.669 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

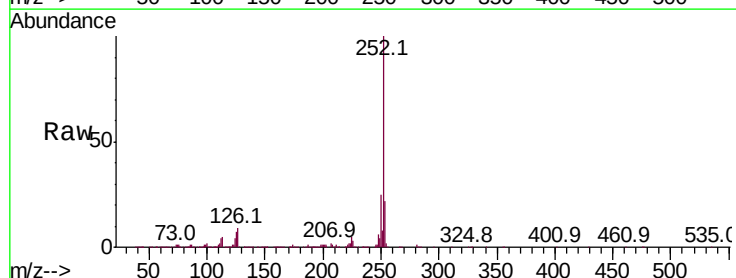
Tgt Ion:252 Resp: 1138737

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

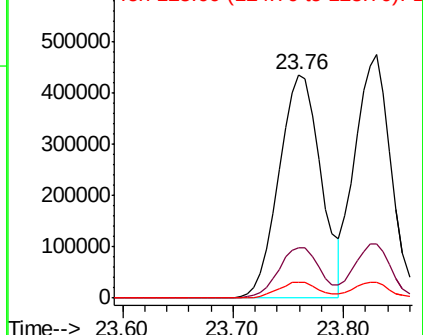
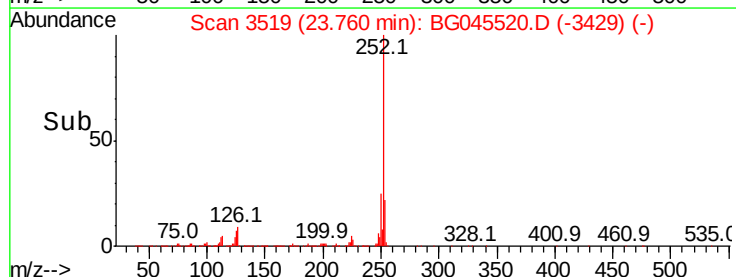
125 6.9 5.0 7.6

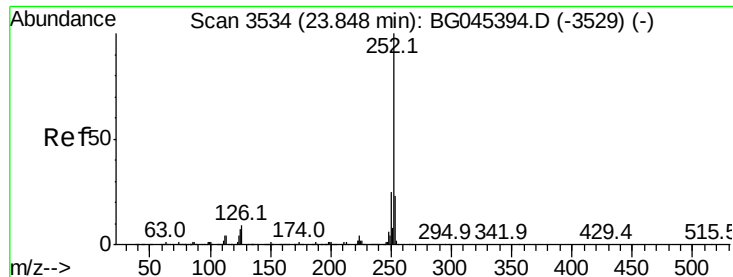


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.225 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

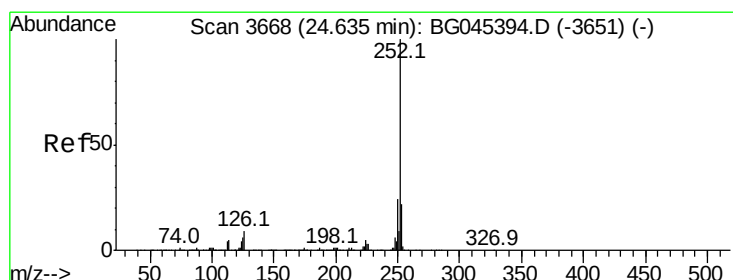
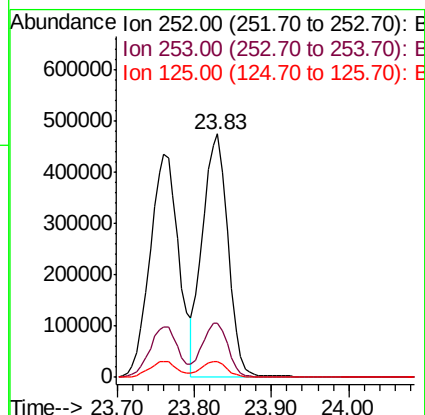
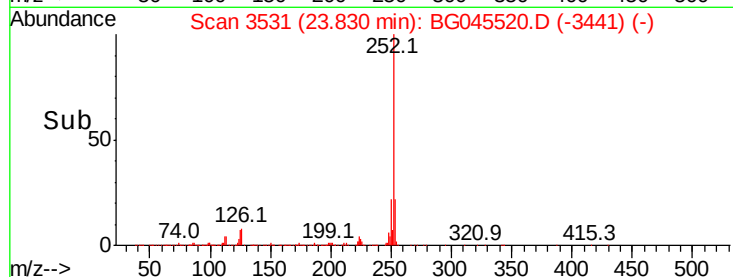
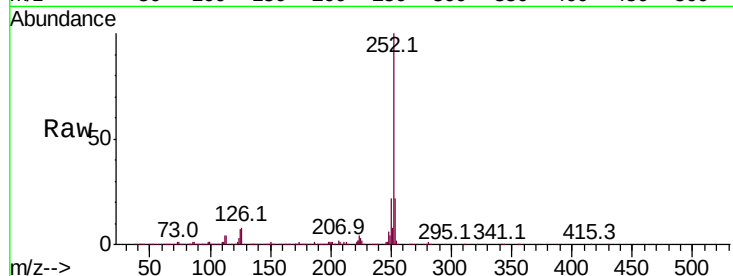
Tot Ion:252 Resp: 1084470

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 6.7 5.7 8.5



#90

Benzo(a)pyrene

Concen: 39.619 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

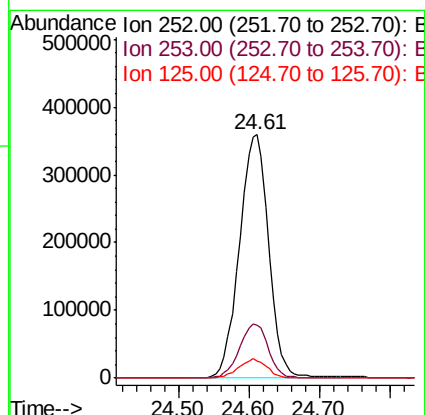
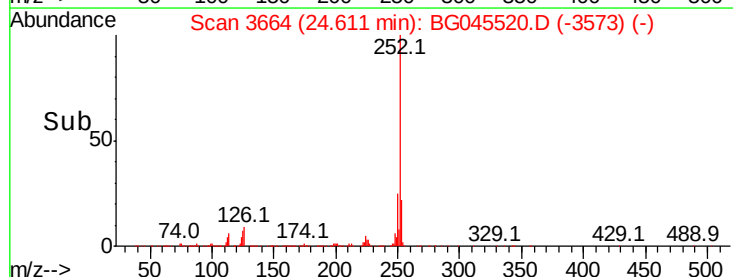
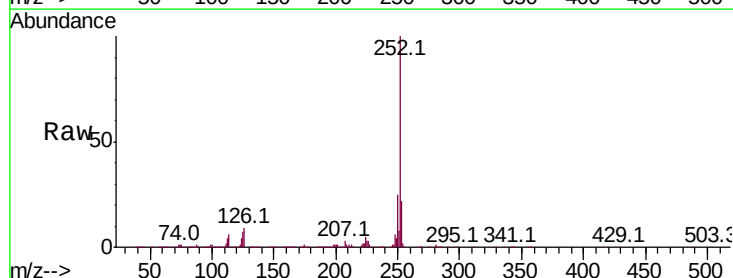
Tgt Ion:252 Resp: 1033173

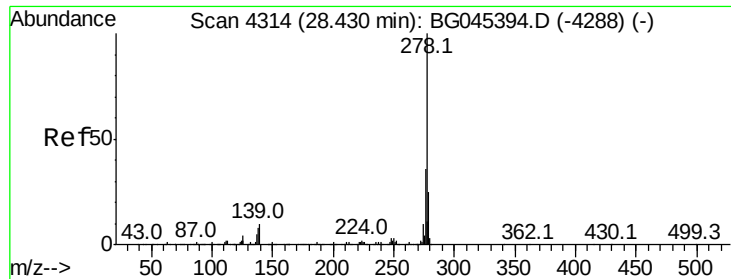
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 6.8 5.0 7.6

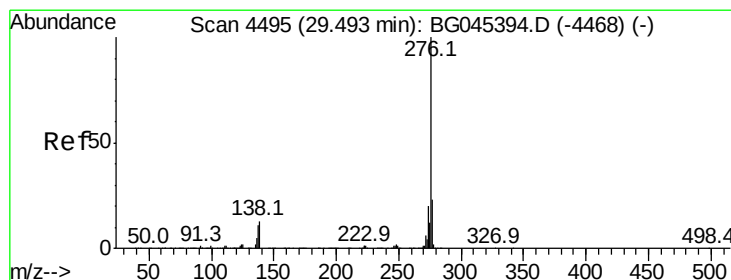
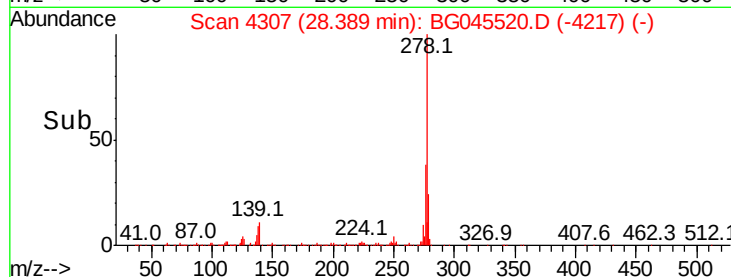
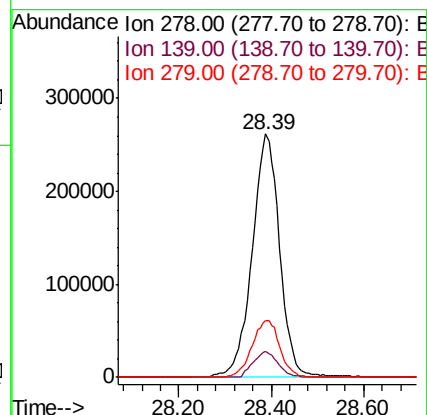
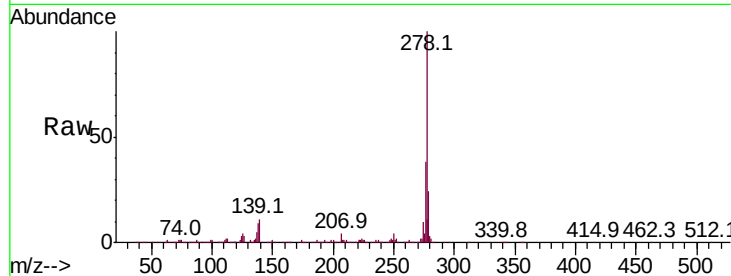




#91
Dibenzo(a,h)anthracene
Concen: 41.203 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:278 Resp: 1079729
Ion Ratio Lower Upper
278 100
139 10.6 7.8 11.8
279 23.6 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 41.742 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion:276 Resp: 1093996
Ion Ratio Lower Upper
276 100
277 22.8 18.1 27.1
138 13.5 10.2 15.4

