

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045537.D
 Acq On : 30 May 2020 2:42
 Operator : CG/JU
 Sample : PB129185BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Quant Time: May 30 06:31:09 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	65141	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	259782	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	192259	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	460428	20.00	ng	0.00
76) Chrysene-d12	21.60	240	433556	20.00	ng	0.00
87) Perylene-d12	24.75	264	489260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	437719	131.32	ng	0.00
7) Phenol-d6	7.16	99	610838	128.76	ng	0.00
23) Nitrobenzene-d5	9.12	82	389085	81.67	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	294333	119.71	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	896946	79.13	ng	0.00
79) Terphenyl-d14	19.97	244	1578314	84.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	54309	32.857	ng	# 93
3) Pyridine	3.80	79	126478	27.475	ng	97
4) n-Nitrosodimethylamine	3.71	42	60537	40.187	ng	90
6) Aniline	7.28	93	142002	22.929	ng	96
8) 2-Chlorophenol	7.53	128	155656	42.584	ng	98
9) Benzaldehyde	7.08	77	103811	33.585	ng	94
10) Phenol	7.18	94	207920	42.524	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	146704	38.466	ng	99
12) 1,3-Dichlorobenzene	7.84	146	168392	38.335	ng	97
13) 1,4-Dichlorobenzene	7.99	146	170760	39.392	ng	96
14) 1,2-Dichlorobenzene	8.31	146	161576	38.753	ng	97
15) Benzyl Alcohol	8.20	79	160096	40.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133956	37.002	ng	98
17) 2-Methylphenol	8.43	107	138509	37.846	ng	93
18) Hexachloroethane	9.04	117	66213	39.881	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	127959	39.004	ng	97
20) 3+4-Methylphenols	8.76	107	189425	38.009	ng	# 85
22) Acetophenone	8.77	105	236269	38.373	ng	# 97
24) Nitrobenzene	9.16	77	199447	39.077	ng	99
25) Isophorone	9.68	82	356894	38.041	ng	99
26) 2-Nitrophenol	9.87	139	89842	41.148	ng	91
27) 2,4-Dimethylphenol	9.95	122	146026	45.093	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	199448	40.537	ng	98
29) 2,4-Dichlorophenol	10.43	162	163114	42.654	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	179657	39.759	ng	97
31) Naphthalene	10.81	128	486342	40.175	ng	99
32) Benzoic acid	10.13	122	88797	41.921	ng	89
33) 4-Chloroaniline	10.92	127	67872	13.413	ng	95
34) Hexachlorobutadiene	11.11	225	125250	39.212	ng	97
35) Caprolactam	11.69	113	29694	21.155	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	182881	42.440	ng	98
37) 2-Methylnaphthalene	12.42	142	361379	40.052	ng	98
38) 1-Methylnaphthalene	12.64	142	348714	40.914	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	208977	38.915	ng	98

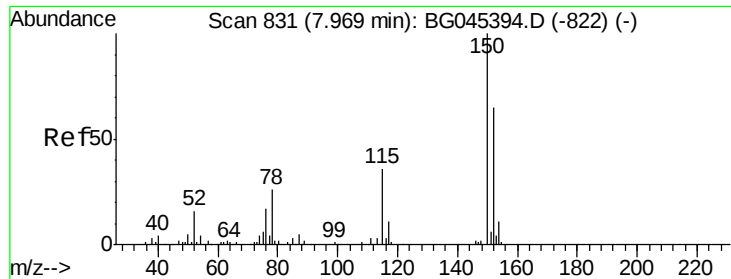
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	245934	79.346	ng	95
43) 2,4,6-Trichlorophenol	13.04	196	144557	38.751	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	155597	36.501	ng	98
46) 1,1'-Biphenyl	13.43	154	474767	40.189	ng	98
47) 2-Chloronaphthalene	13.47	162	362410	37.779	ng	100
48) 2-Nitroaniline	13.68	65	118111	37.430	ng	92
49) Acenaphthylene	14.32	152	614661	39.890	ng	99
50) Dimethylphthalate	14.06	163	500768	37.969	ng	100
51) 2,6-Dinitrotoluene	14.17	165	113729	38.215	ng	95
52) Acenaphthene	14.66	154	357641	34.674	ng	99
53) 3-Nitroaniline	14.51	138	57061	18.861	ng	97
54) 2,4-Dinitrophenol	14.72	184	127213	66.260	ng	92
55) Dibenzofuran	15.00	168	593347	38.738	ng	99
56) 4-Nitrophenol	14.86	139	173062	75.558	ng	93
57) 2,4-Dinitrotoluene	14.96	165	164591	38.187	ng	98
58) Fluorene	15.65	166	493306	39.202	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	153976	41.056	ng	97
60) Diethylphthalate	15.42	149	524232	38.189	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	270683	37.591	ng	98
62) 4-Nitroaniline	15.67	138	110852	35.099	ng	97
63) Azobenzene	15.94	77	495039	38.675	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	103418	38.567	ng	95
66) n-Nitrosodiphenylamine	15.86	169	440058	39.807	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	192523	38.615	ng	97
68) Hexachlorobenzene	16.66	284	210392	40.347	ng	97
69) Atrazine	16.81	200	170243	37.388	ng	100
70) Pentachlorophenol	17.01	266	220420	81.407	ng	98
71) Phenanthrene	17.39	178	816682	40.630	ng	100
72) Anthracene	17.48	178	847274	41.975	ng	98
73) Carbazole	17.75	167	765737	38.918	ng	99
74) Di-n-butylphthalate	18.31	149	931515	39.444	ng	100
75) Fluoranthene	19.40	202	1023337	40.027	ng	100
77) Benzidine	19.58	184	367259	30.161	ng	99
78) Pyrene	19.76	202	1029556	41.658	ng	100
80) Butylbenzylphthalate	20.65	149	415005	38.903	ng	99
81) Benzo(a)anthracene	21.59	228	998974	41.362	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	210865	22.257	ng	98
83) Chrysene	21.65	228	943030	40.607	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	588602	40.139	ng	100
85) Di-n-octyl phthalate	22.69	149	1001125	39.750	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1262671	41.579	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1046220	39.872	ng	98
89) Benzo(k)fluoranthene	23.82	252	1036704	42.054	ng	99
90) Benzo(a)pyrene	24.61	252	983911	40.262	ng	98
91) Dibenzo(a,h)anthracene	28.39	278	1024301	41.710	ng	100
92) Benzo(g,h,i)perylene	29.44	276	1044405	42.524	ng	99

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

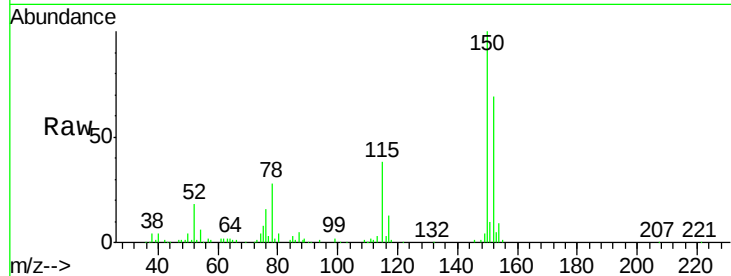


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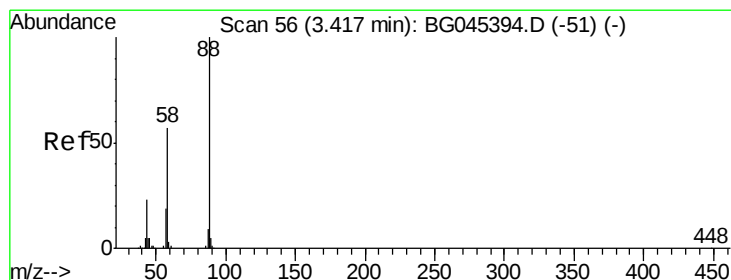
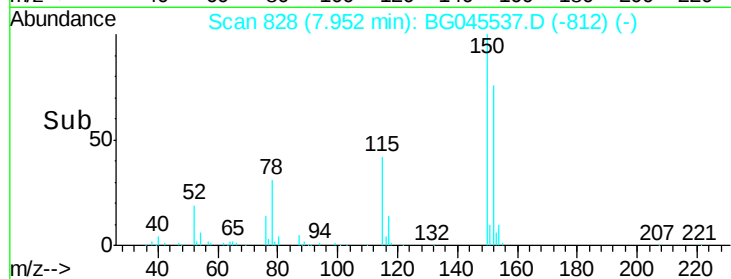
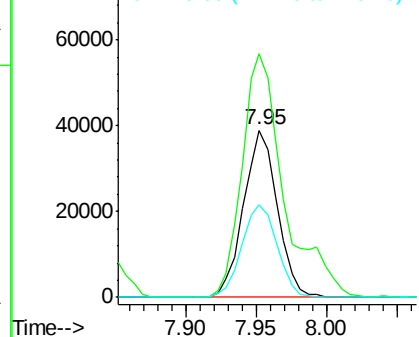
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion:152 Resp: 65141
Ion Ratio Lower Upper
152 100
150 145.6 122.4 183.6
115 55.5 44.2 66.4



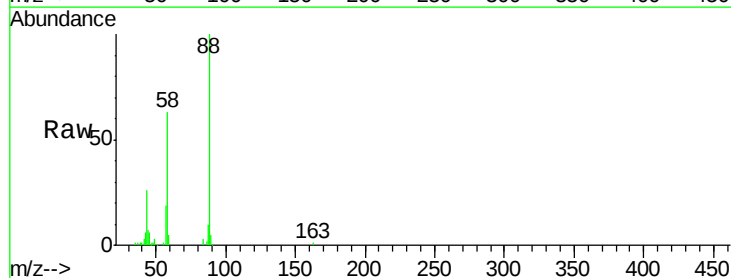
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



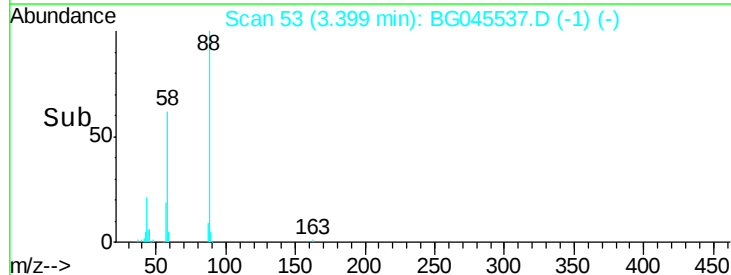
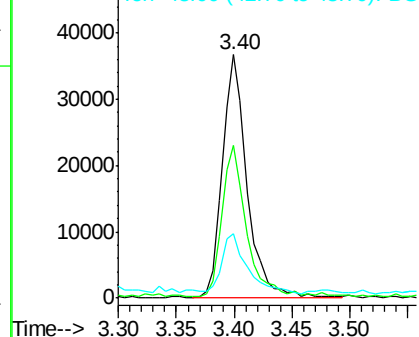
#2

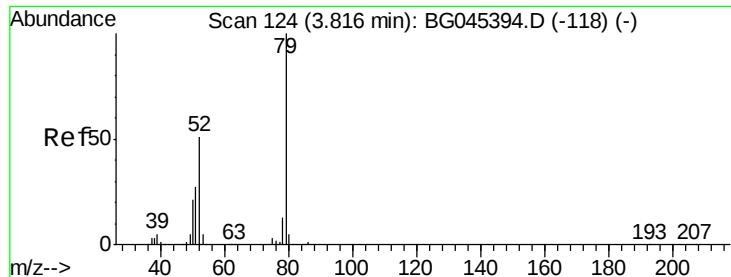
1,4-Dioxane
Concen: 32.857 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion: 88 Resp: 54309
Ion Ratio Lower Upper
88 100
58 61.8 45.7 68.5
43 25.3 16.8 25.2#



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





#3

Pvridine

Concen: 27.475 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

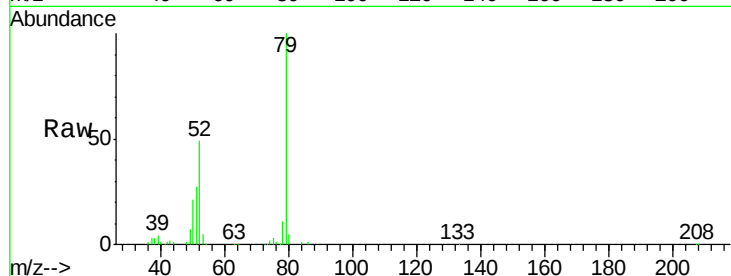
Tot Ion: 79 Resp: 126478

Ion Ratio Lower Upper

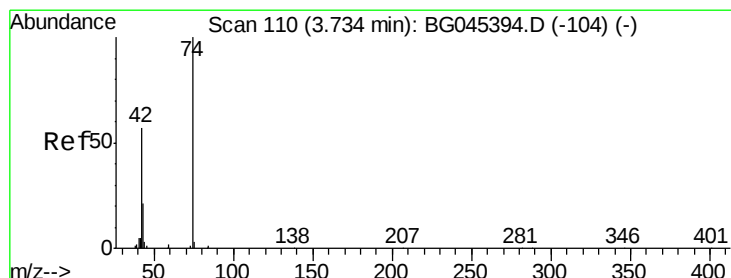
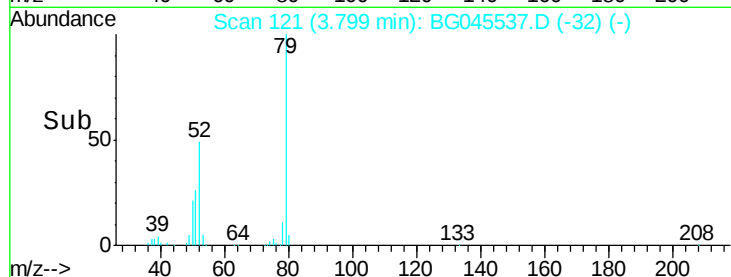
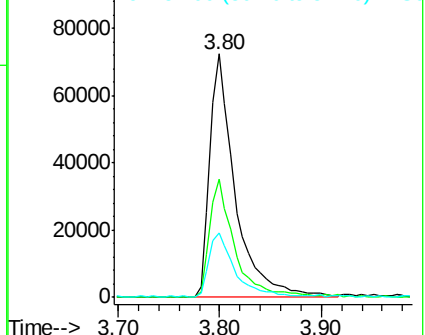
79 100

52 48.7 40.8 61.2

51 26.5 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: 40.187 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

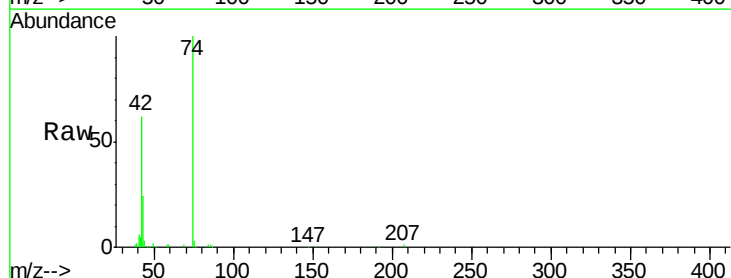
Tgt Ion: 42 Resp: 60537

Ion Ratio Lower Upper

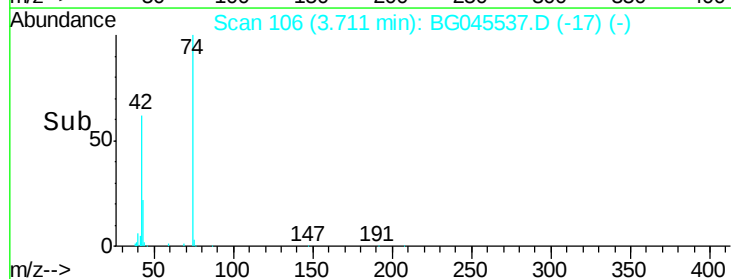
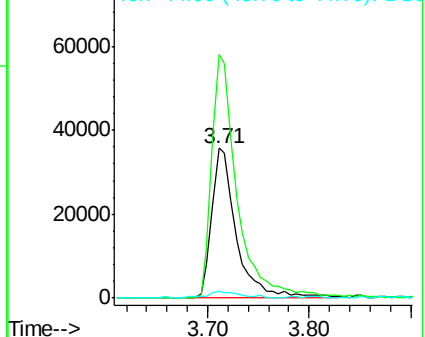
42 100

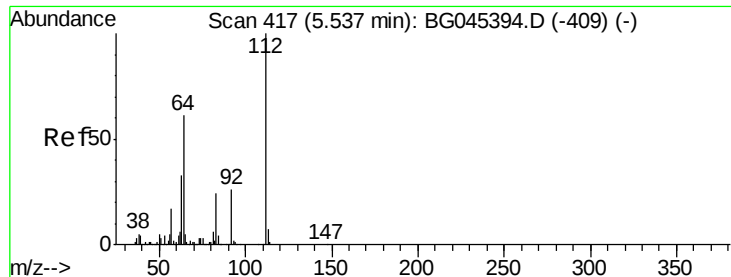
74 162.4 141.3 211.9

44 4.6 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: 131.320 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

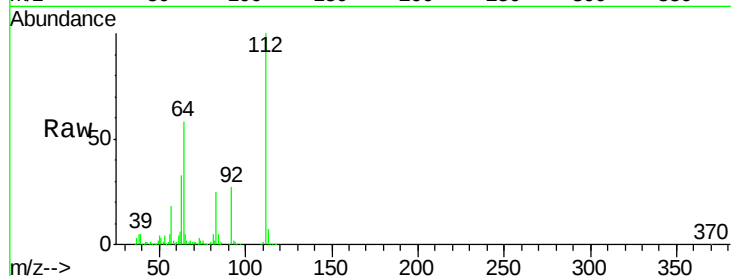
Tot Ion:112 Resp: 437719

Ion Ratio Lower Upper

112 100

64 58.0 48.6 72.8

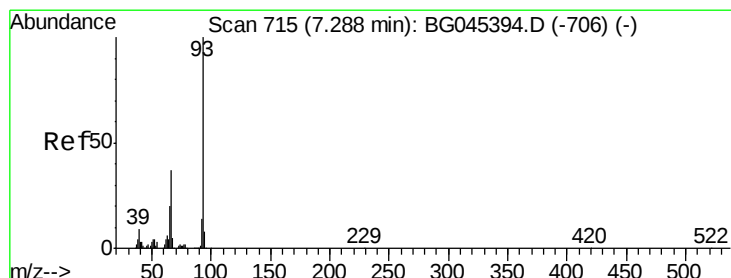
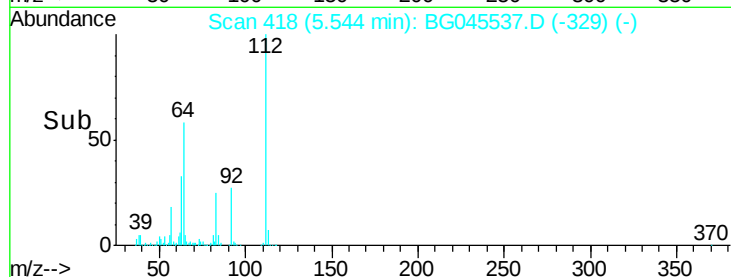
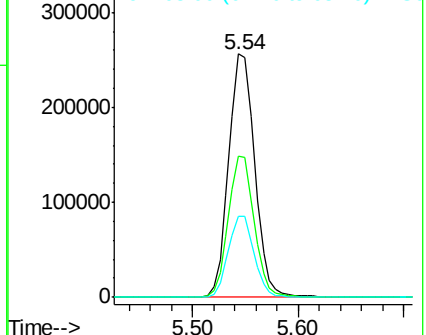
63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.929 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

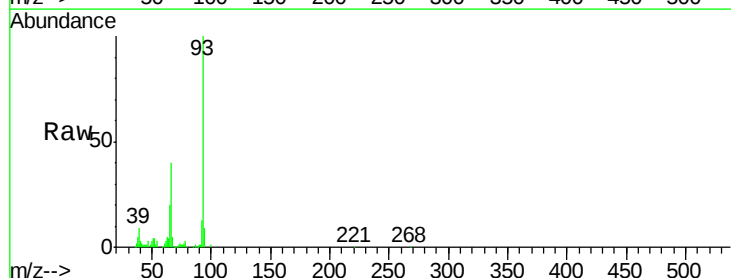
Tgt Ion: 93 Resp: 142002

Ion Ratio Lower Upper

93 100

66 40.1 29.6 44.4

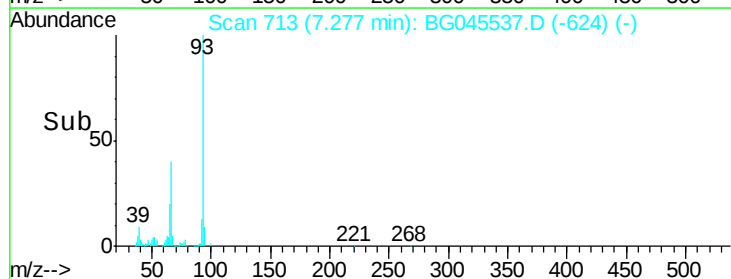
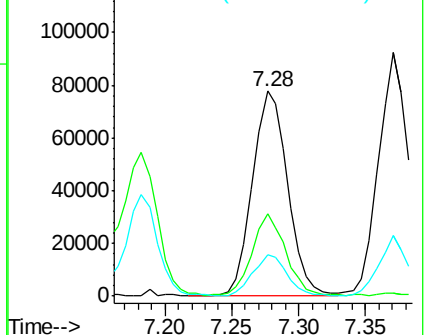
65 20.3 15.9 23.9

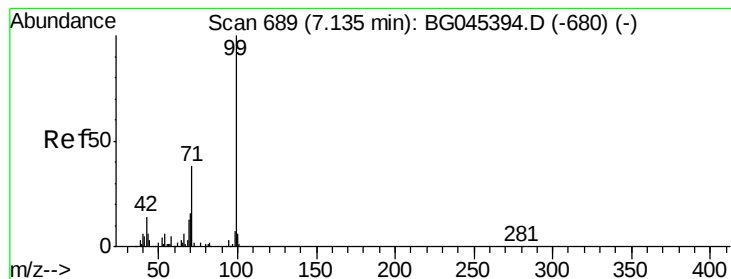


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.756 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

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ClientSampleId :

PB129185BS

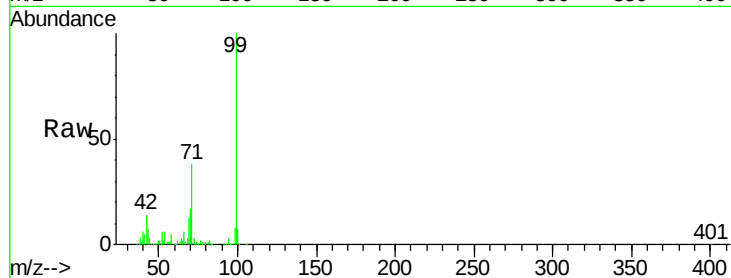
Tot Ion: 99 Resp: 610838

Ion Ratio Lower Upper

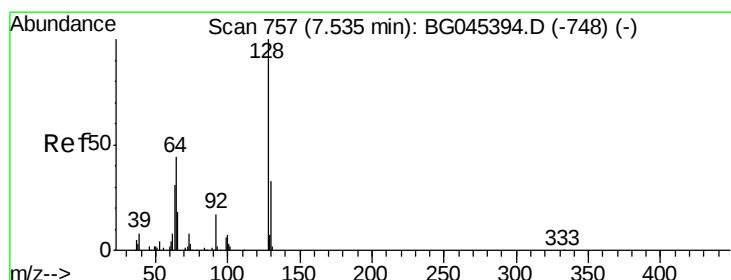
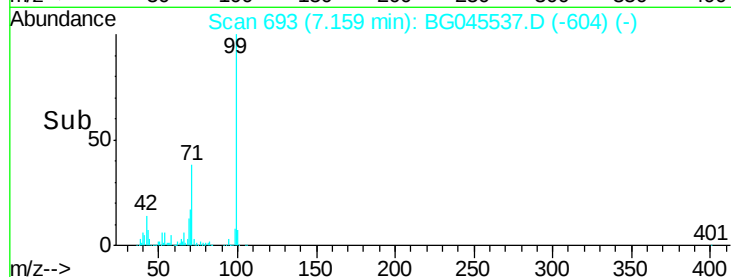
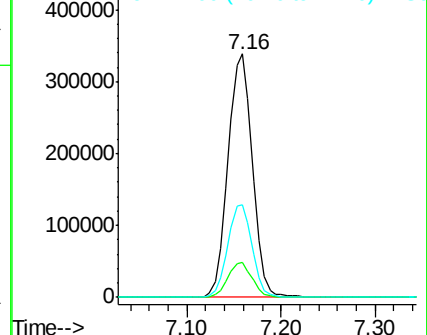
99 100

42 14.3 11.3 16.9

71 38.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.584 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

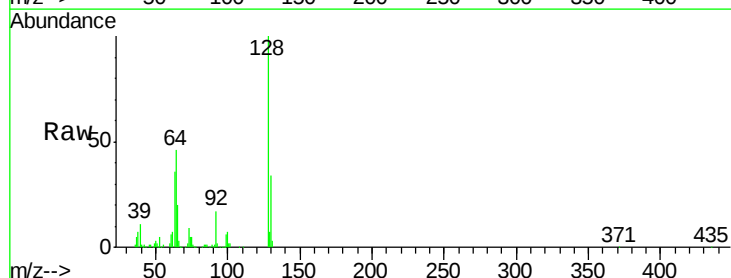
Tgt Ion: 128 Resp: 155656

Ion Ratio Lower Upper

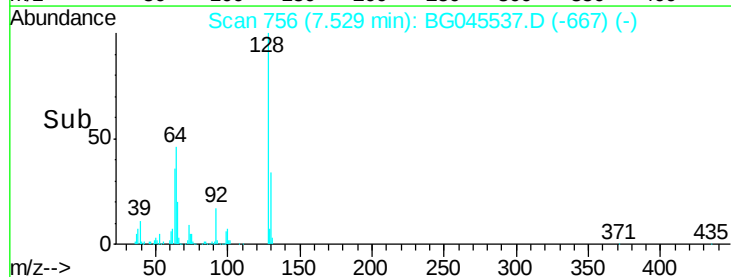
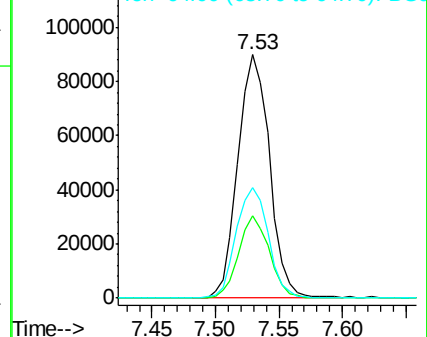
128 100

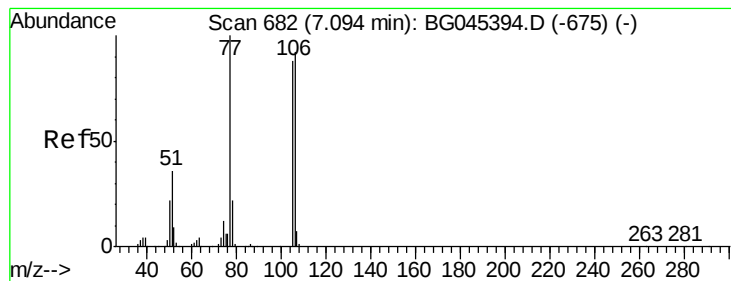
130 33.8 12.6 52.6

64 45.6 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: 33.585 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

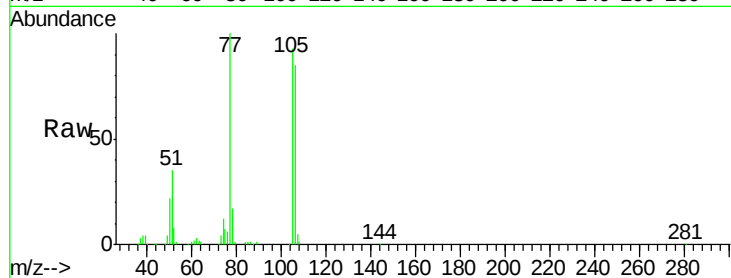
Tot Ion: 77 Resp: 103811

Ion Ratio Lower Upper

77 100

105 92.7 68.5 108.5

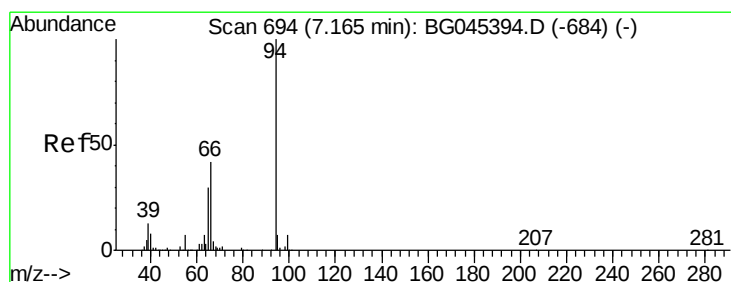
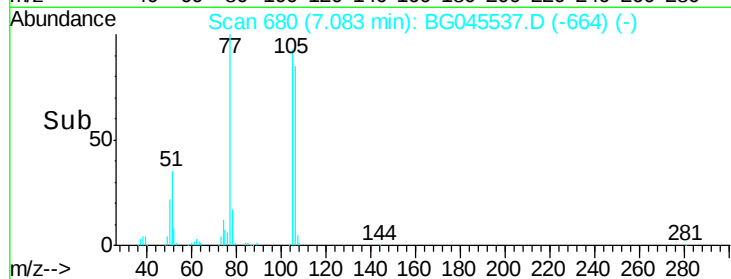
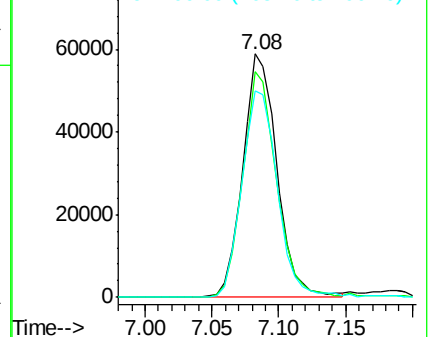
106 84.7 71.6 111.6



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: 42.524 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

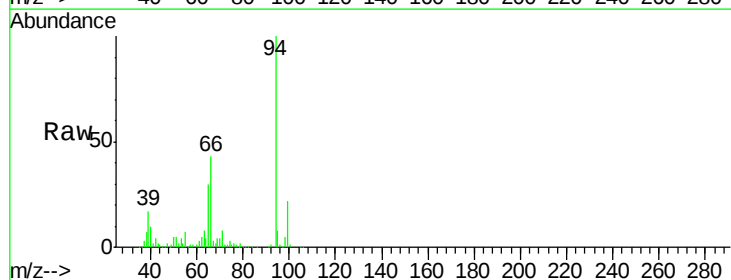
Tgt Ion: 94 Resp: 207920

Ion Ratio Lower Upper

94 100

65 30.3 9.8 49.8

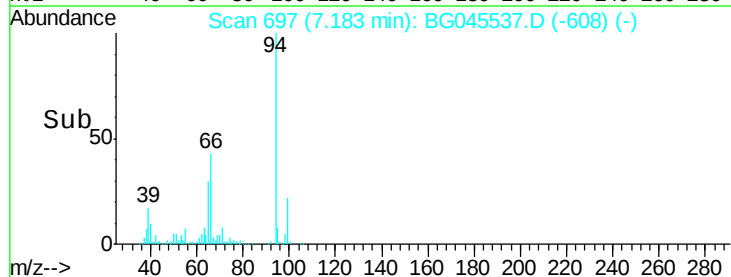
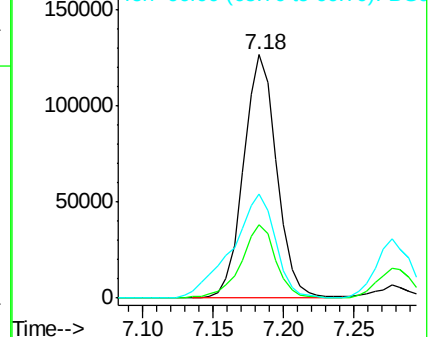
66 43.0 22.0 62.0

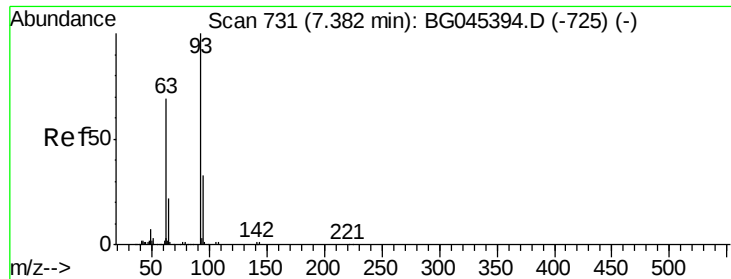


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

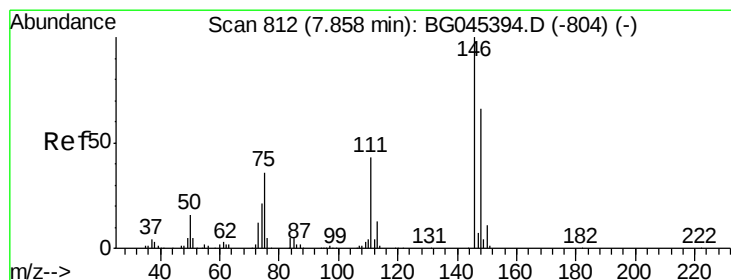
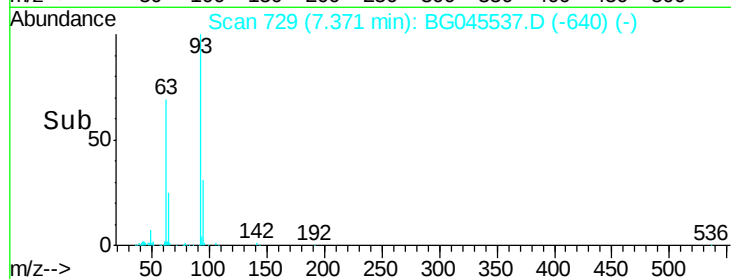
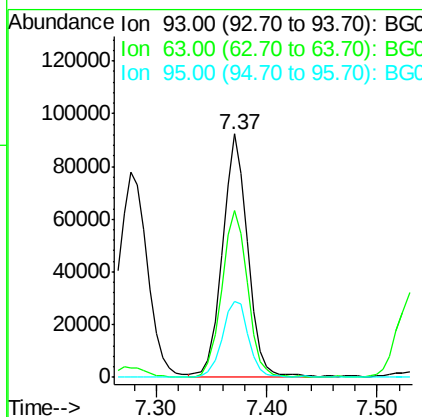
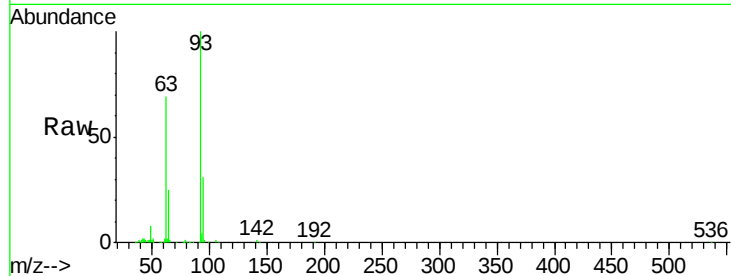




#11
bis(2-Chloroethyl)ether
Concen: 38.466 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

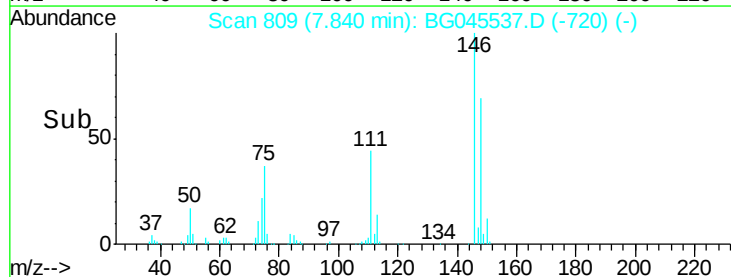
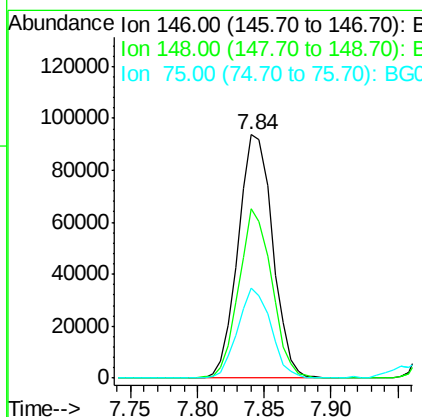
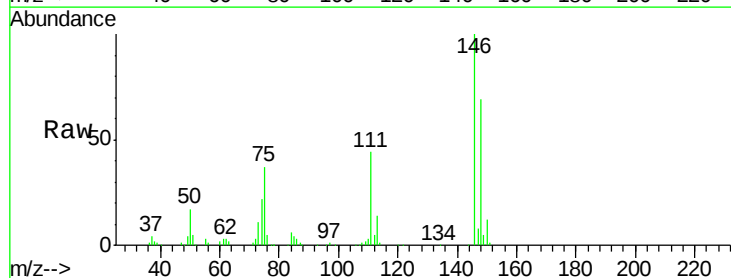
Instrument :
BNA_G
ClientSampleId :
PB129185BS

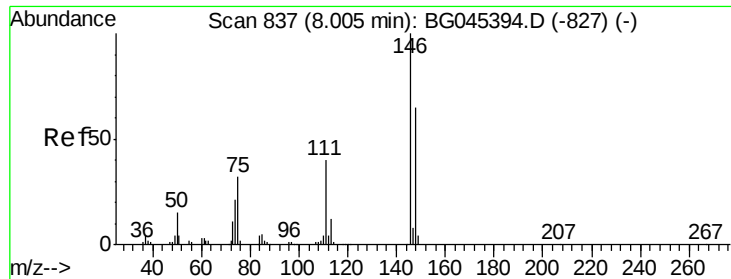
Tot Ion: 93 Resp: 146704
Ion Ratio Lower Upper
93 100
63 68.5 48.4 88.4
95 30.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.335 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion: 146 Resp: 168392
Ion Ratio Lower Upper
146 100
148 69.4 53.2 79.8
75 37.1 28.6 43.0

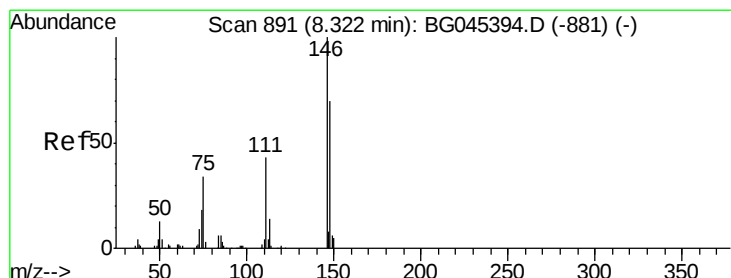
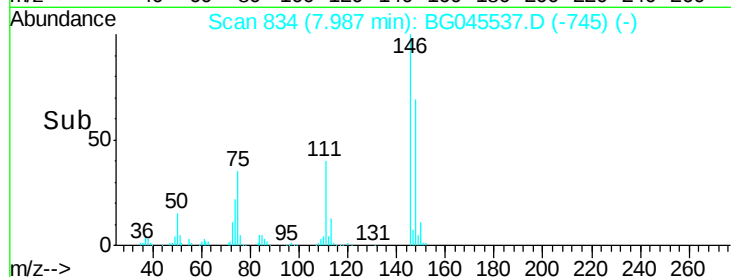
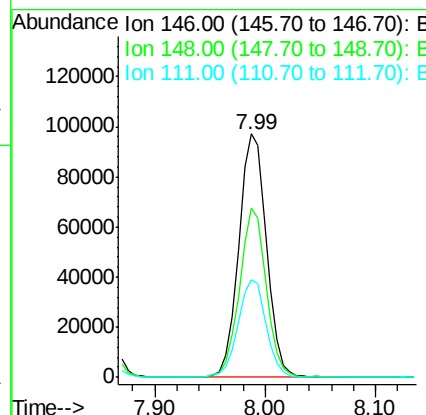
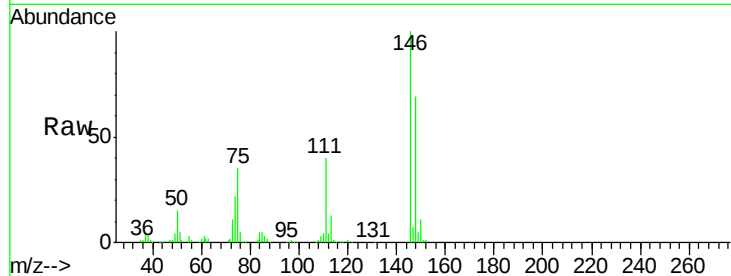




#13
 1,4-Dichlorobenzene
 Concen: 39.392 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

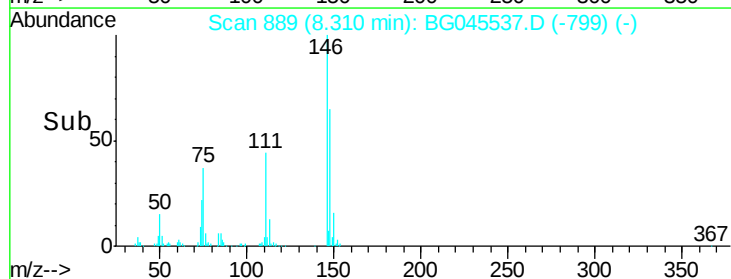
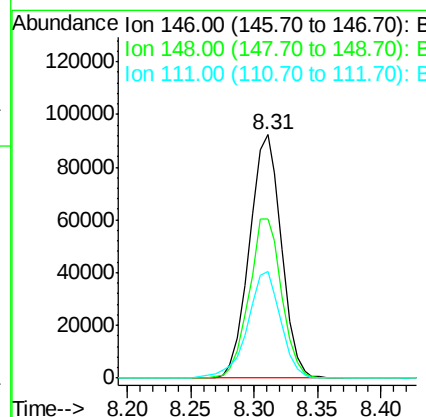
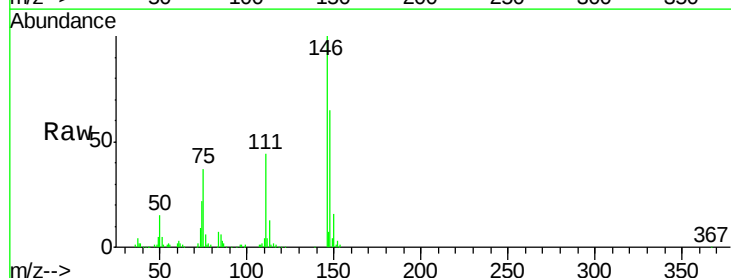
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tot Ion:146 Resp: 170760
 Ion Ratio Lower Upper
 146 100
 148 69.3 51.8 77.8
 111 40.3 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 38.753 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:146 Resp: 161576
 Ion Ratio Lower Upper
 146 100
 148 65.4 55.9 83.9
 111 43.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 40.850 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

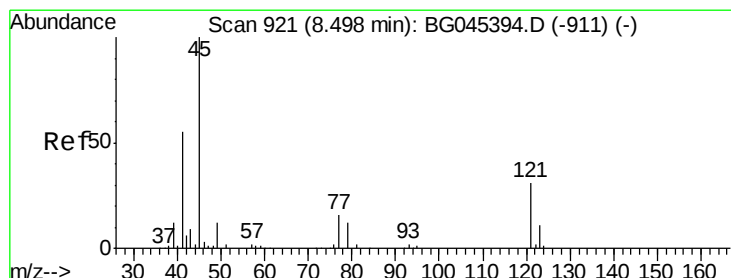
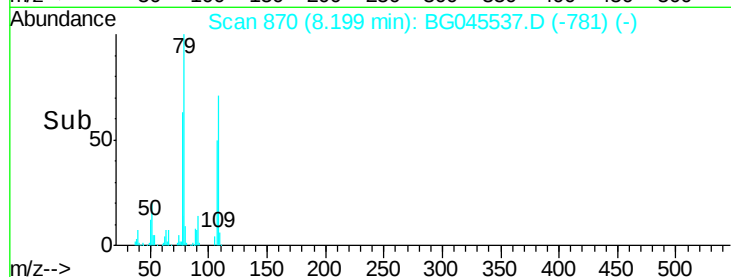
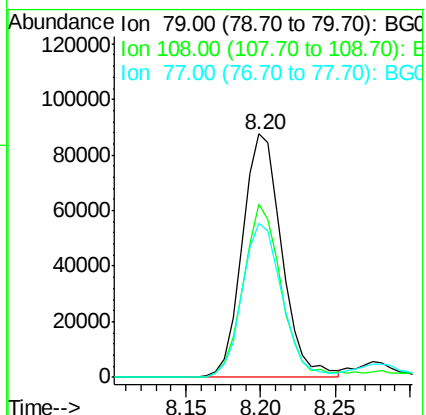
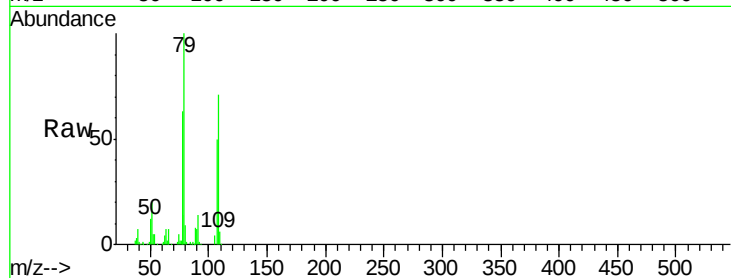
Tot Ion: 79 Resp: 160096

Ion Ratio Lower Upper

79 100

108 71.3 58.2 87.4

77 63.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.002 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

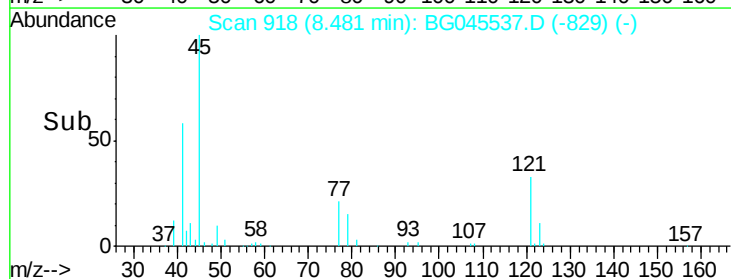
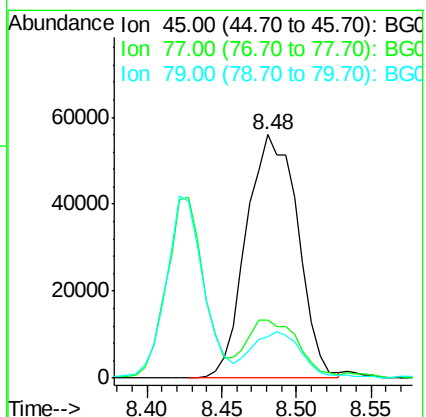
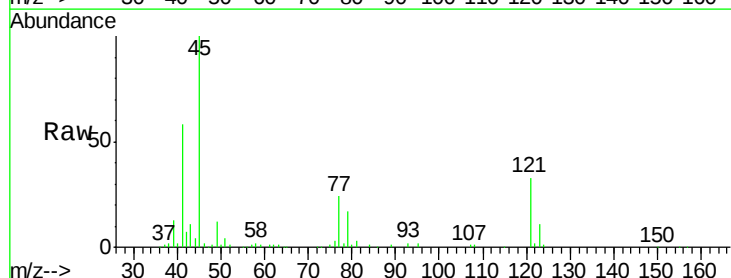
Tgt Ion: 45 Resp: 133956

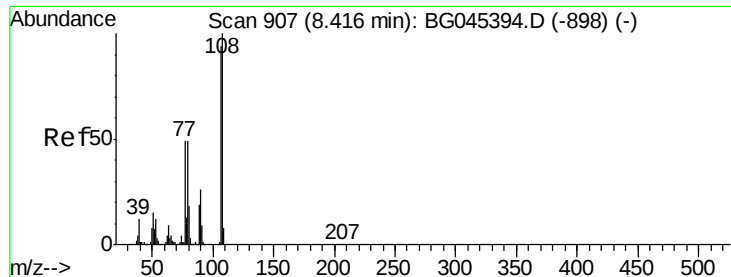
Ion Ratio Lower Upper

45 100

77 23.9 4.0 44.0

79 16.9 0.0 38.6





#17

2-Methylphenol

Concen: 37.846 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

Tot Ion:107 Resp: 138509

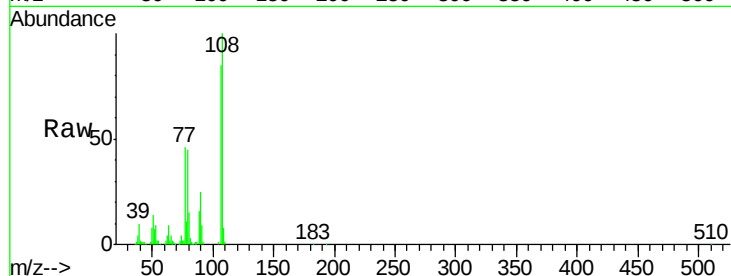
Ion Ratio Lower Upper

107 100

108 118.0 85.2 127.8

77 54.2 41.6 62.4

79 53.3 41.8 62.8

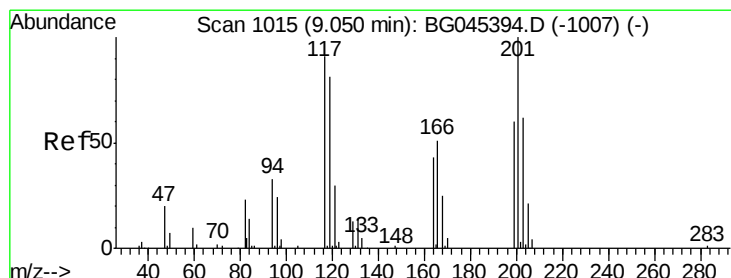
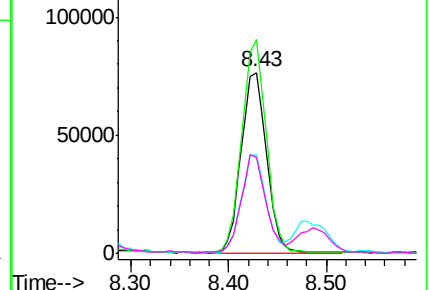
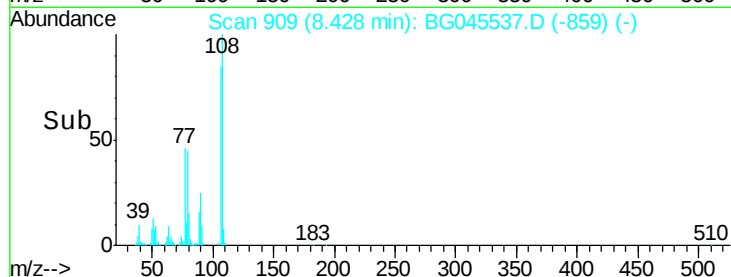


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.881 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

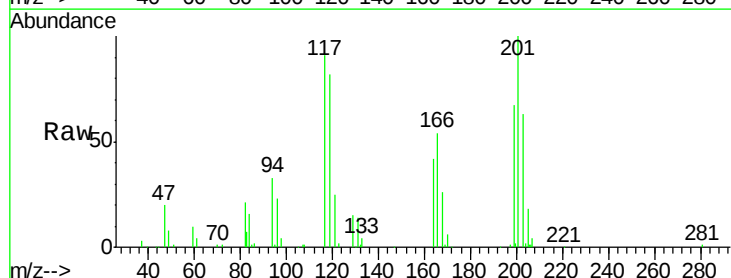
Tgt Ion:117 Resp: 66213

Ion Ratio Lower Upper

117 100

119 90.9 71.3 106.9

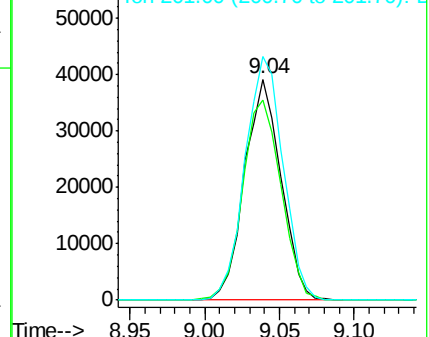
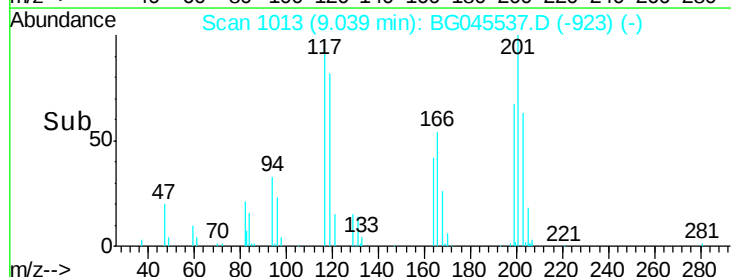
201 110.3 87.5 131.3

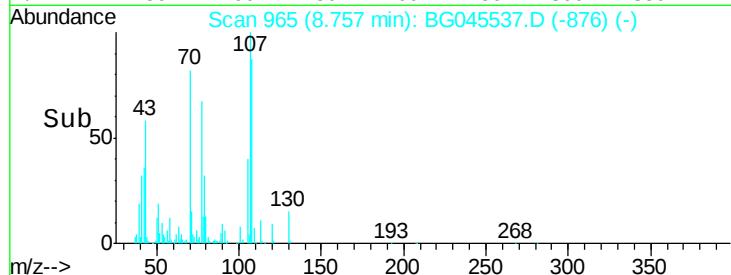
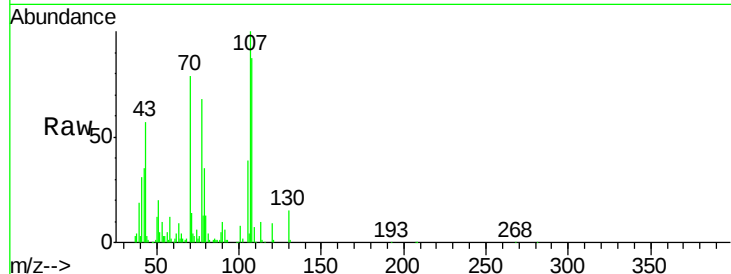


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

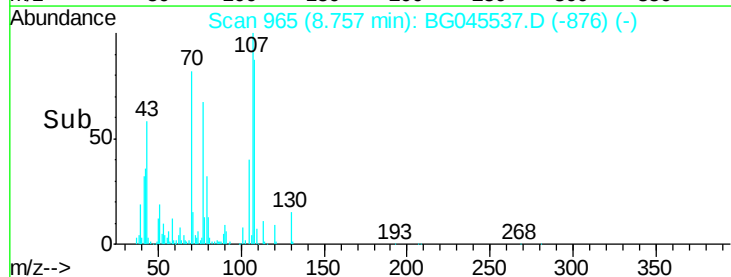
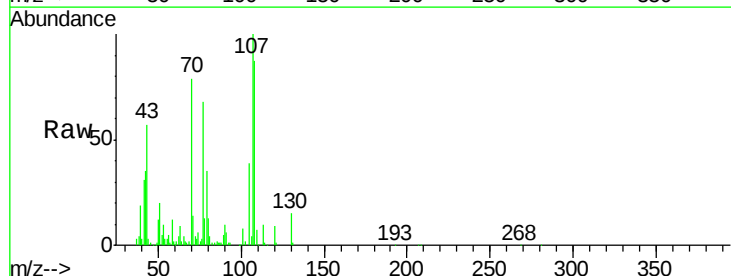
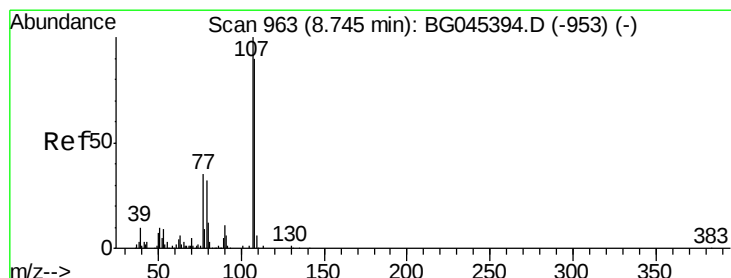
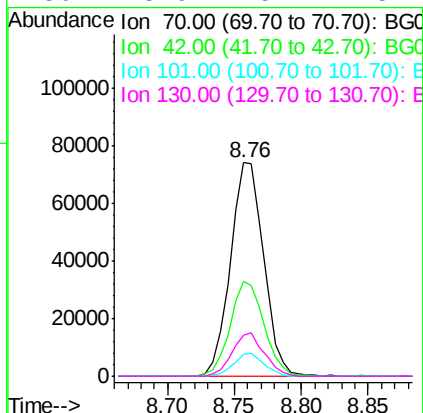




#19
n-Nitroso-di-n-propylamine
Concen: 39.004 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

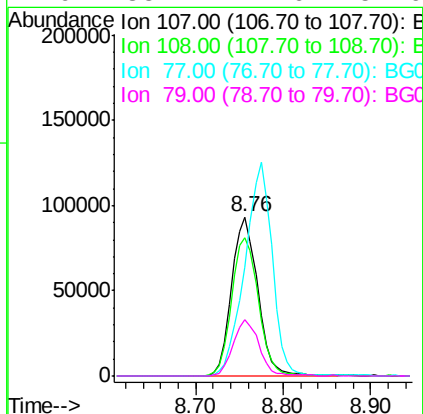
Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion:	70	Resp:	127959
Ion	Ratio	Lower	Upper
70	100		
42	44.6	33.2	49.8
101	10.0	7.8	11.6
130	18.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 38.009 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:	107	Resp:	189425
Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.3	110.3
77	68.4	15.4	55.4#
79	35.2	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: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

Tot Ion:136 Resp: 259782

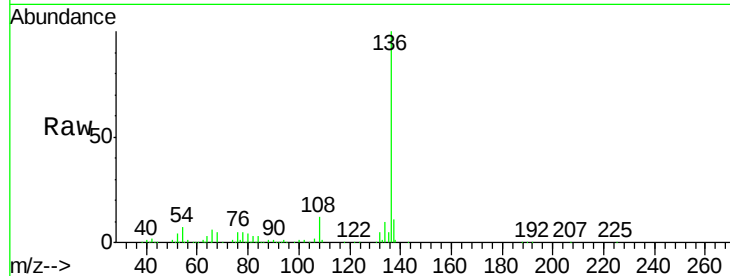
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.2

54 6.7 5.8 8.6

68 5.4 4.5 6.7

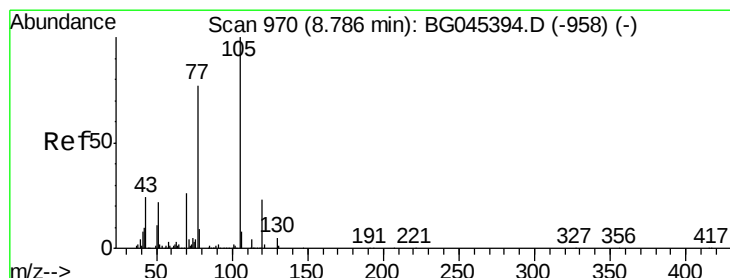
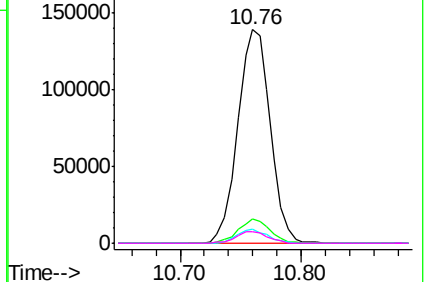
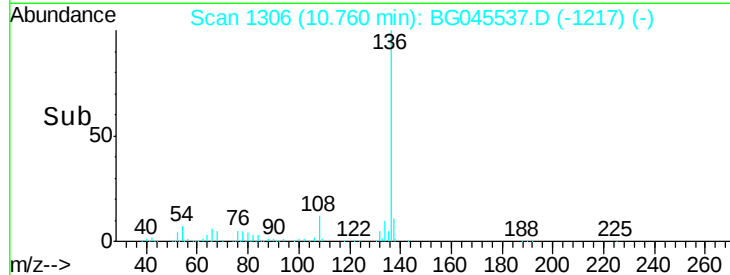


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.373 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:105 Resp: 236269

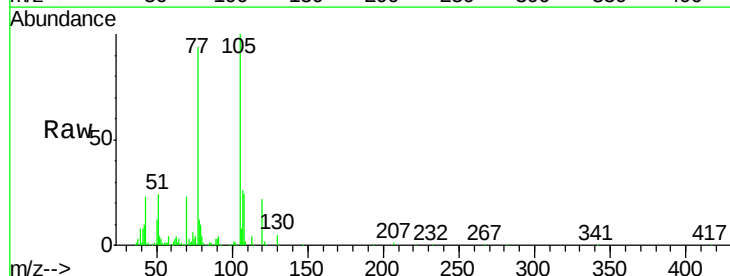
Ion Ratio Lower Upper

105 100

71 3.2 3.4 5.0#

51 24.3 18.2 27.2

120 22.1 18.6 27.8

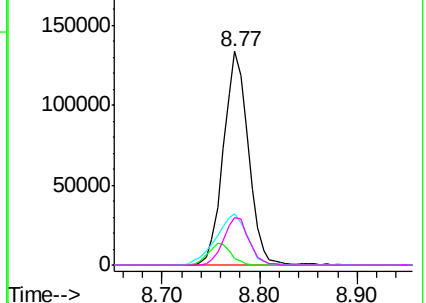
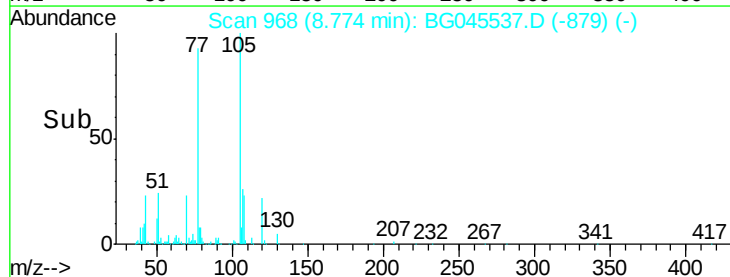


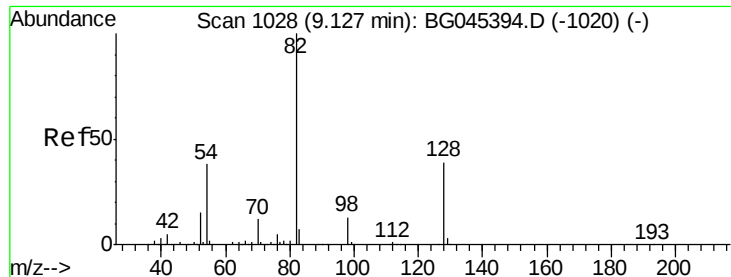
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

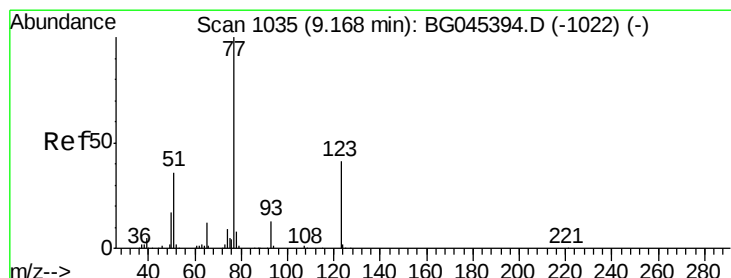
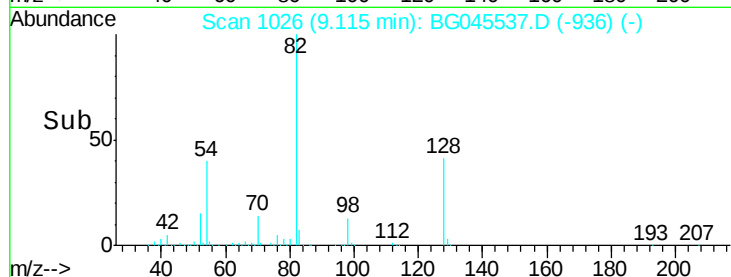
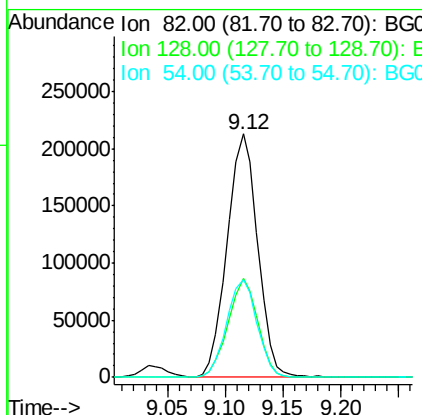
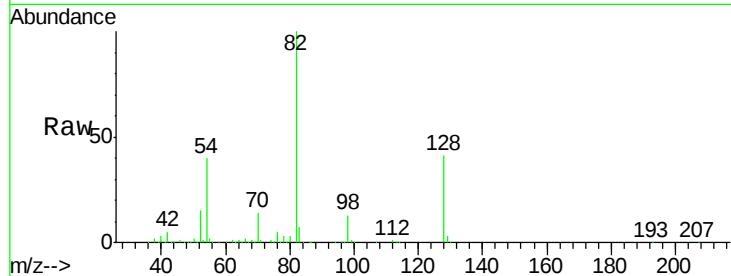




#23
 Nitrobenzene-d5
 Concen: 81.674 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

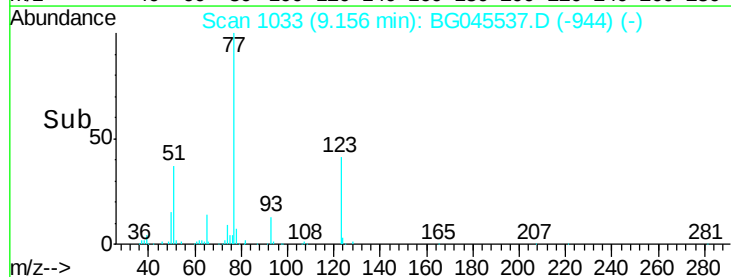
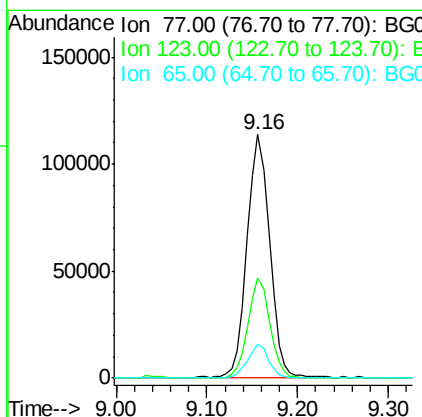
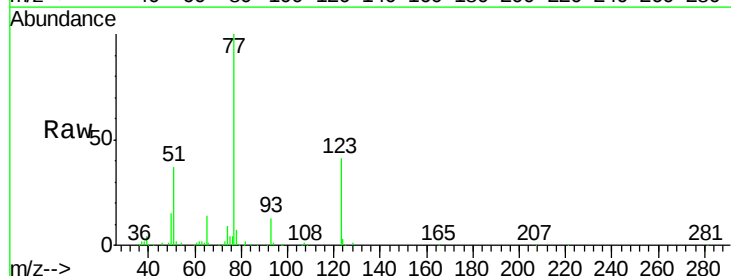
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

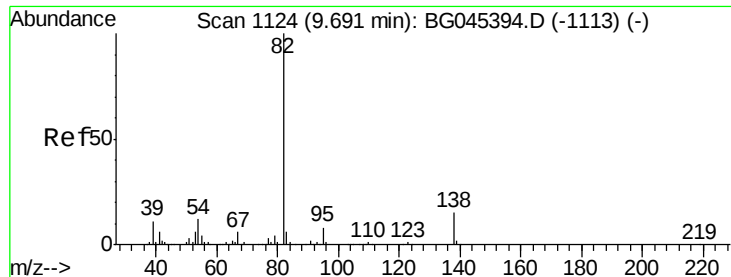
Tot Ion	82	Resp	389085
Ion Ratio	100	Lower	Upper
128	40.8	30.9	46.3
54	40.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 39.077 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	77	Resp	199447
Ion Ratio	100	Lower	Upper
123	41.2	32.9	49.3
65	13.8	9.4	14.2





#25

Isophorone

Concen: 38.041 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

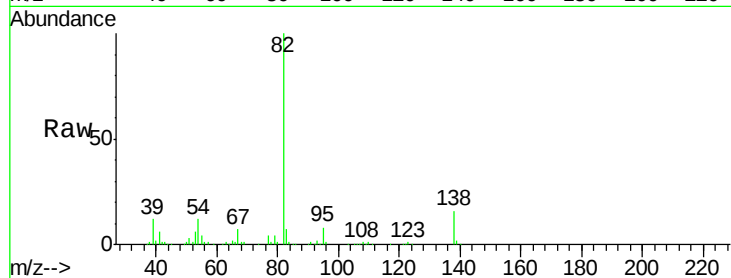
Tot Ion: 82 Resp: 356894

Ion Ratio Lower Upper

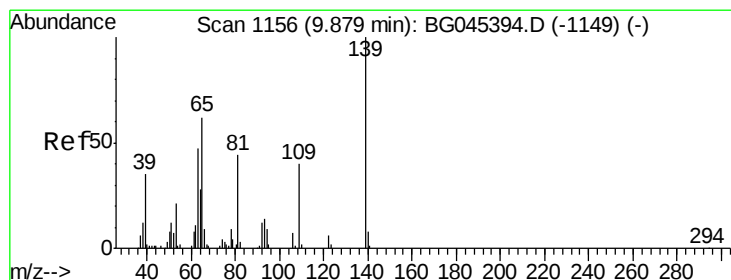
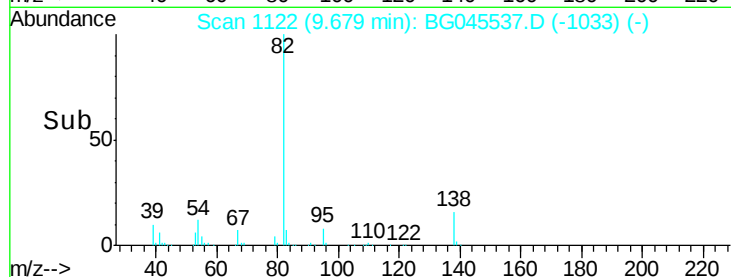
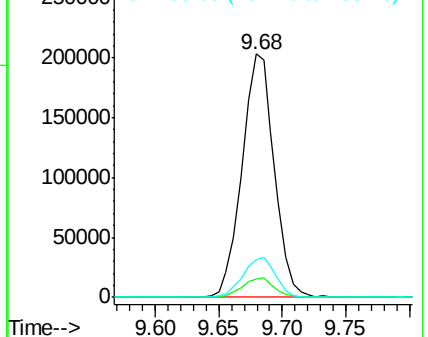
82 100

95 7.7 6.7 10.1

138 15.5 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: 41.148 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

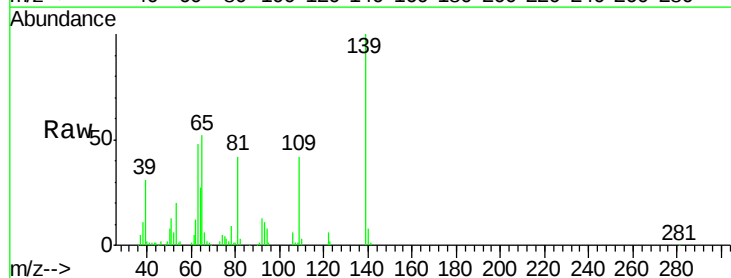
Tgt Ion: 139 Resp: 89842

Ion Ratio Lower Upper

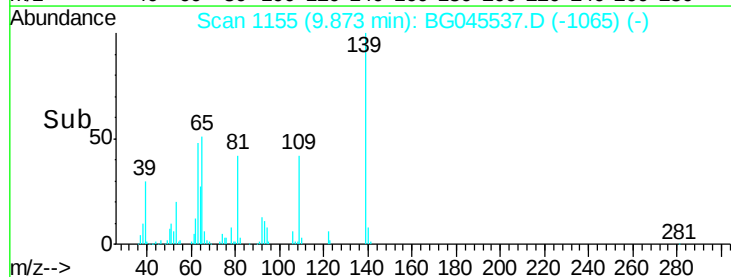
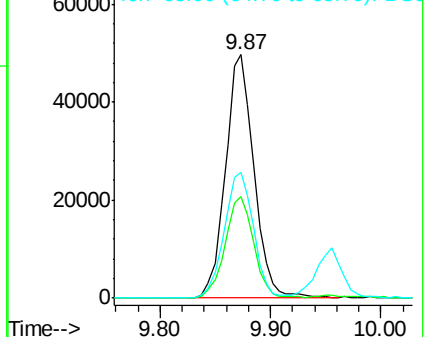
139 100

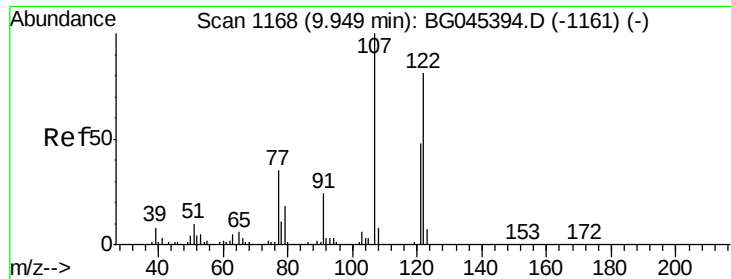
109 41.7 32.2 48.4

65 51.7 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 45.093 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

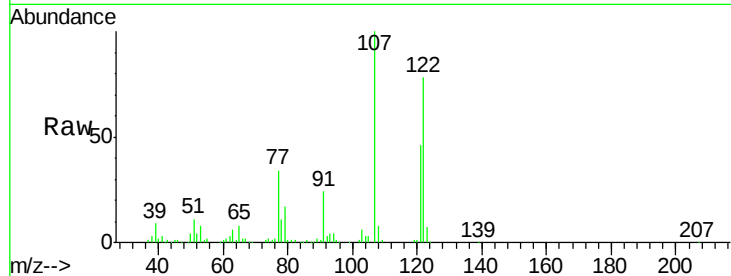
Tot Ion:122 Resp: 146026

Ion Ratio Lower Upper

122 100

107 129.0 99.0 148.4

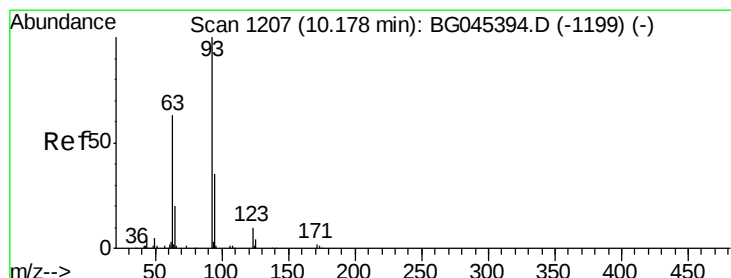
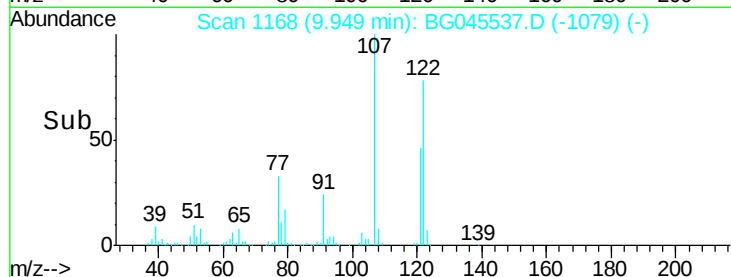
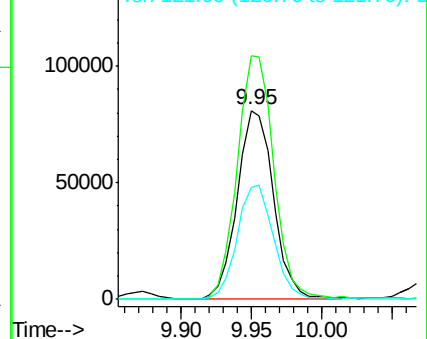
121 59.1 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.537 ng

RT: 10.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

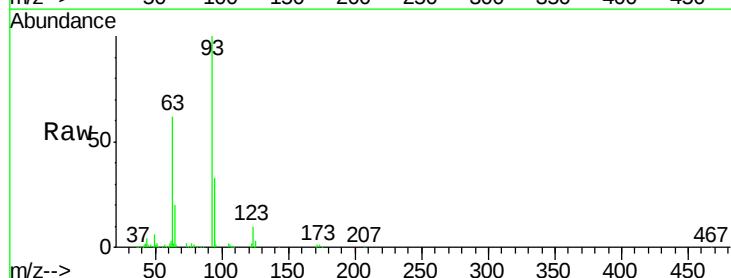
Tgt Ion: 93 Resp: 199448

Ion Ratio Lower Upper

93 100

95 33.3 27.6 41.4

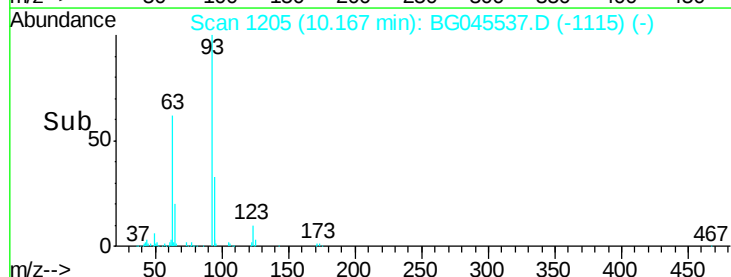
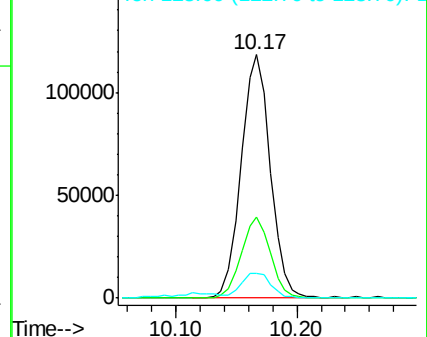
123 10.2 8.1 12.1

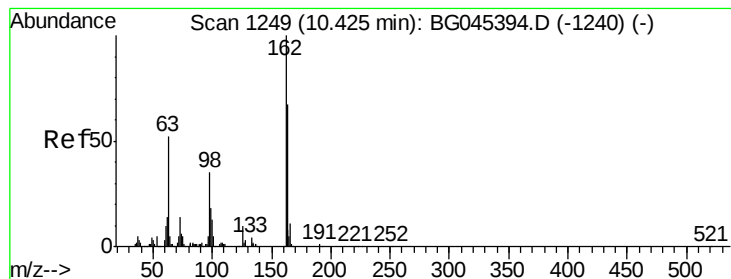


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.654 ng

RT: 10.43 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

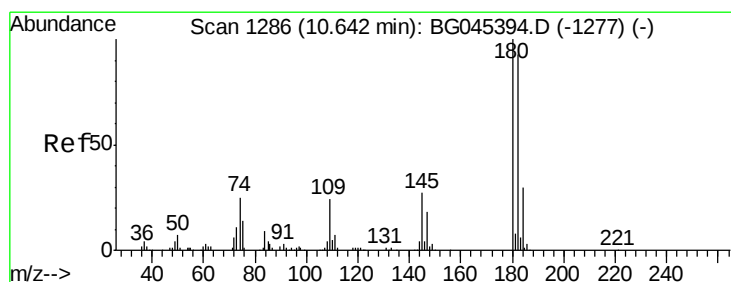
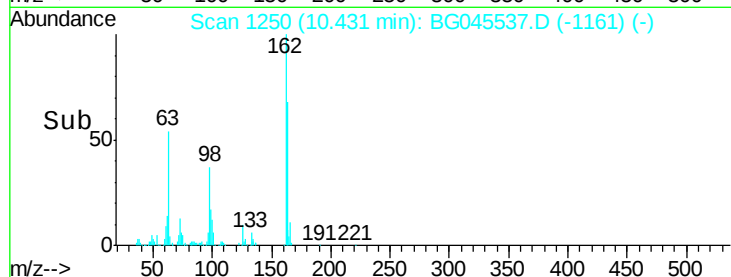
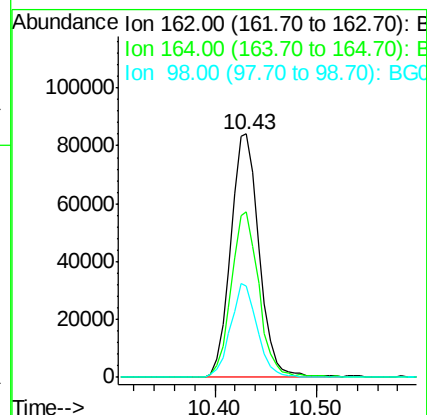
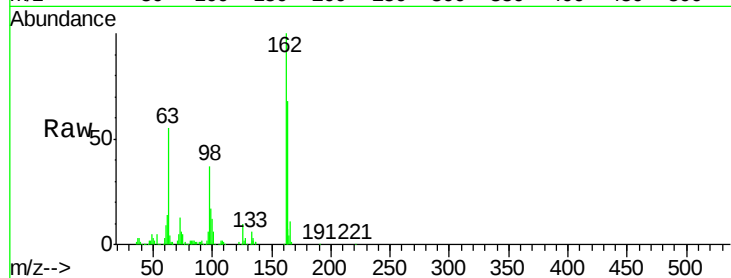
Tot Ion:162 Resp: 163114

Ion Ratio Lower Upper

162 100

164 68.0 46.8 86.8

98 37.5 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 39.759 ng

RT: 10.62 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

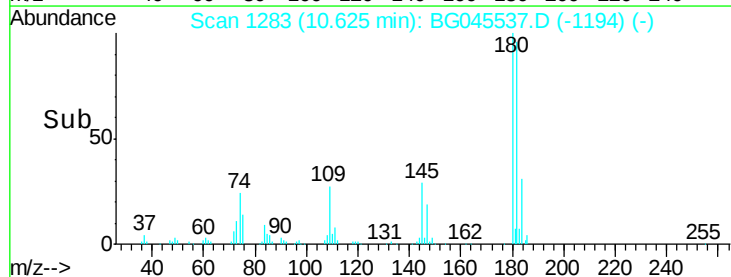
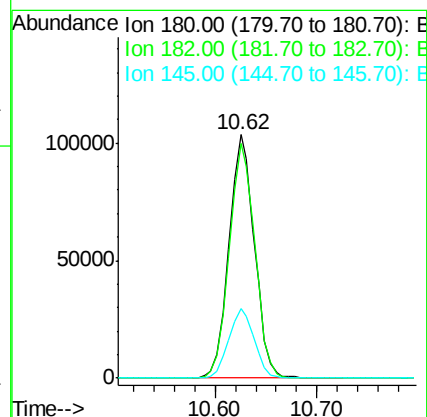
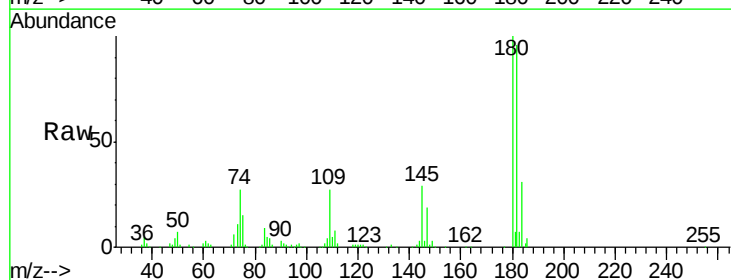
Tgt Ion:180 Resp: 179657

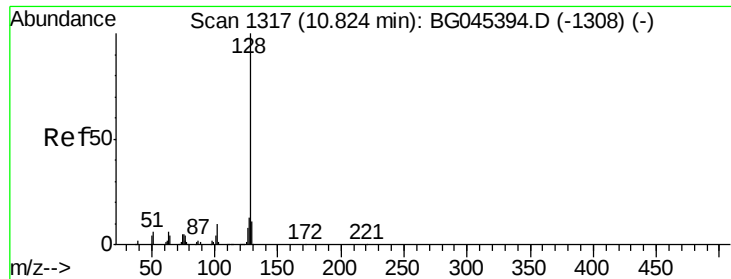
Ion Ratio Lower Upper

180 100

182 96.4 74.8 112.2

145 28.8 21.9 32.9





#31

Naphthalene

Concen: 40.175 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

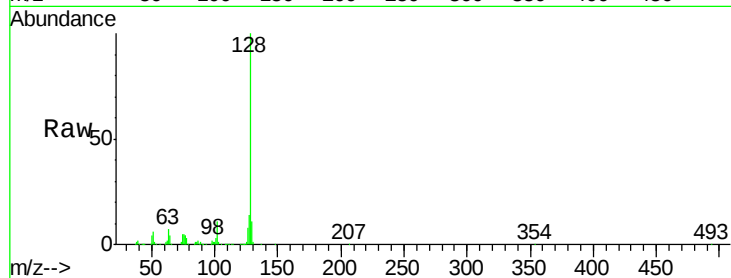
Tot Ion:128 Resp: 486342

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

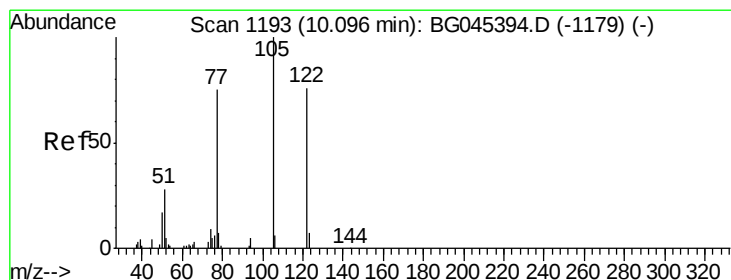
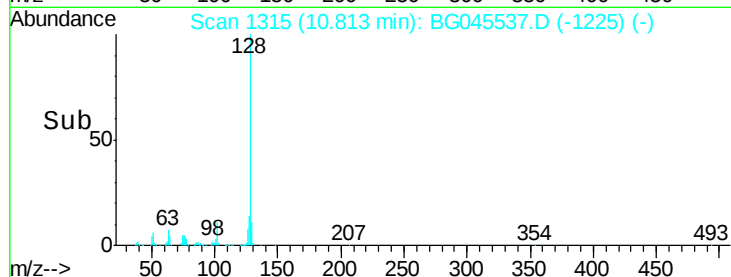
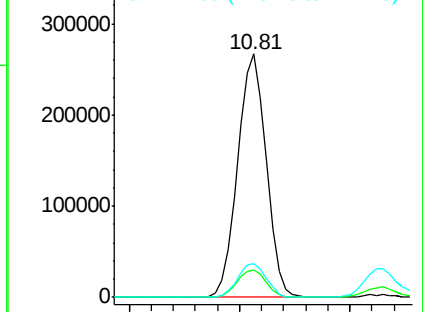
127 13.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.921 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

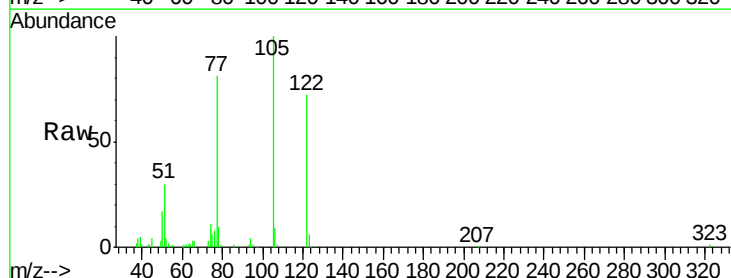
Tgt Ion:122 Resp: 88797

Ion Ratio Lower Upper

122 100

105 138.3 107.9 147.9

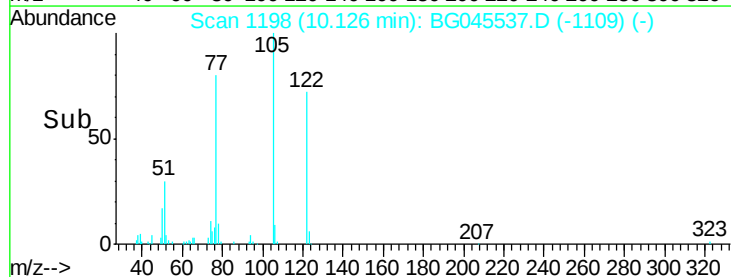
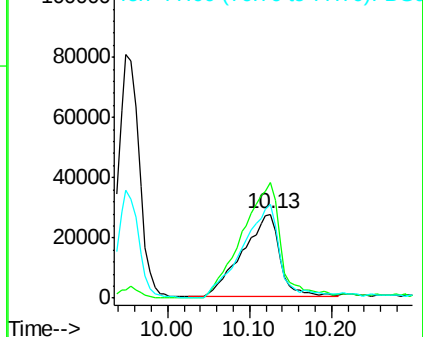
77 111.5 78.9 118.9

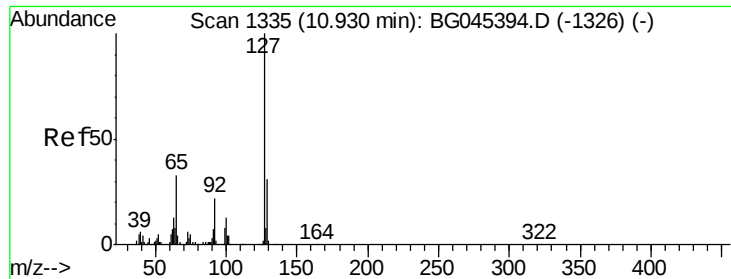


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

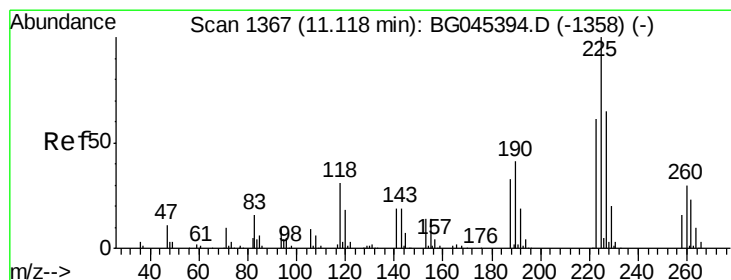
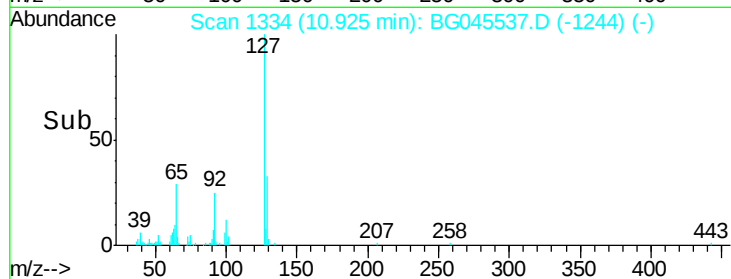
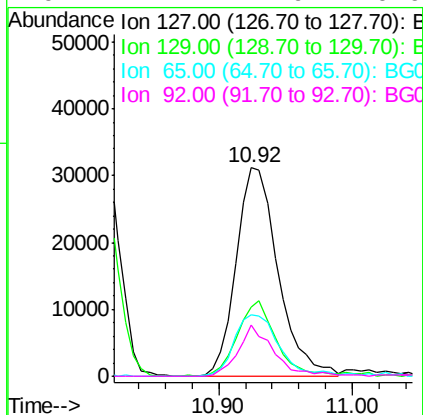
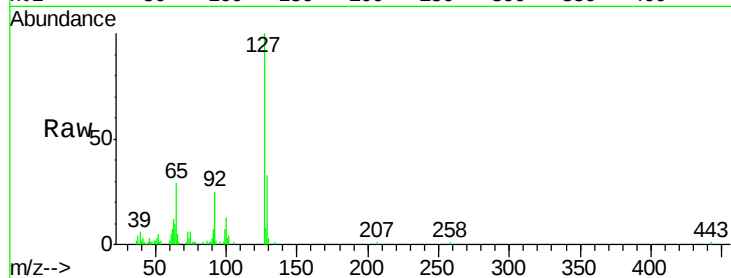




#33
4-Chloroaniline
Concen: 13.413 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

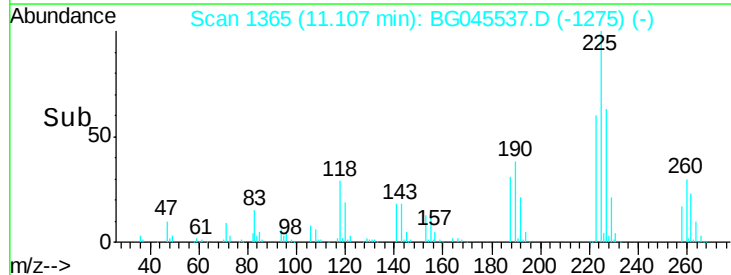
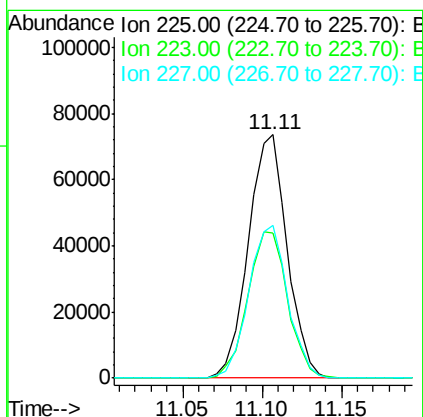
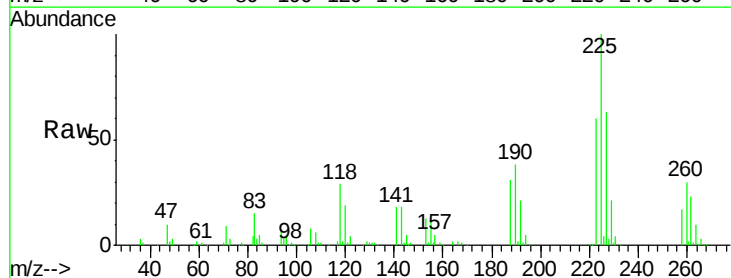
Instrument :
BNA_G
ClientSampleId :
PB129185BS

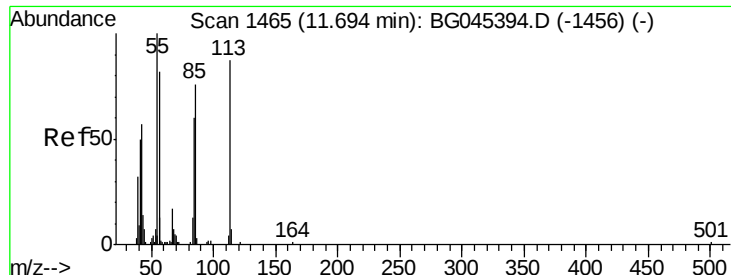
Tot Ion:127	Resp:	67872
Ion Ratio	Lower	Upper
127	100	
129	33.2	24.7 37.1
65	29.3	26.2 39.2
92	24.7	17.9 26.9



#34
Hexachlorobutadiene
Concen: 39.212 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:225	Resp:	125250
Ion Ratio	Lower	Upper
225	100	
223	59.6	49.1 73.7
227	62.7	52.0 78.0

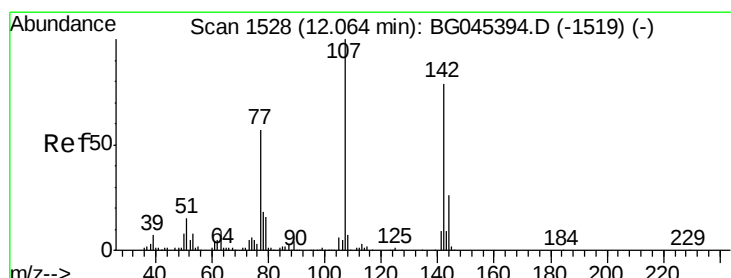
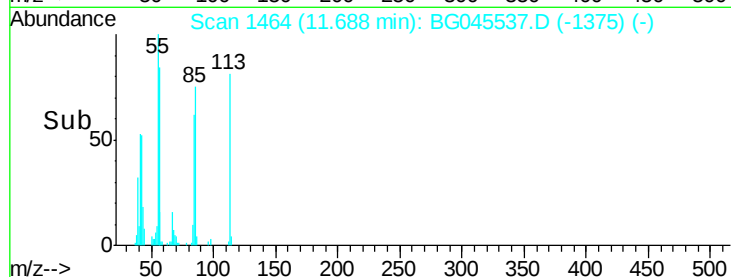
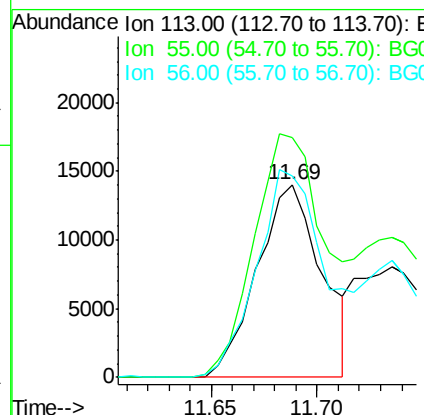
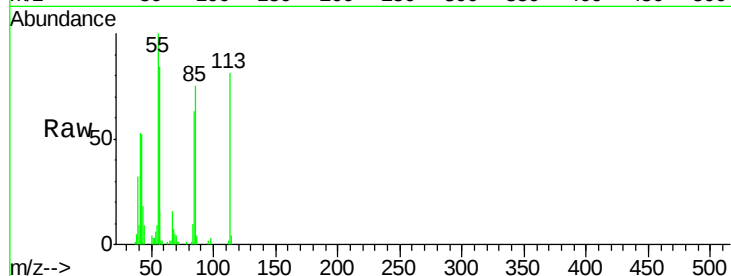




#35
 Caprolactam
 Concen: 21.155 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

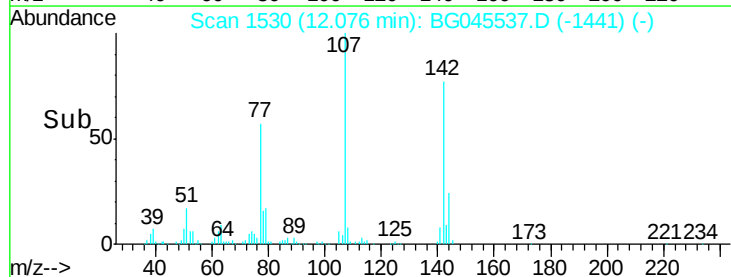
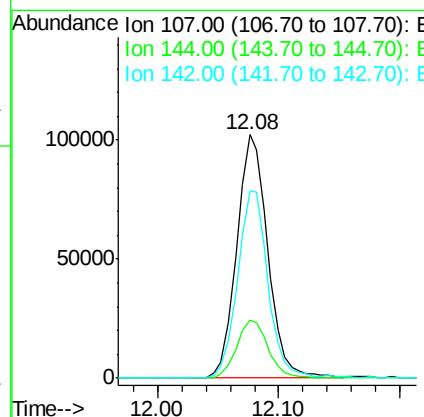
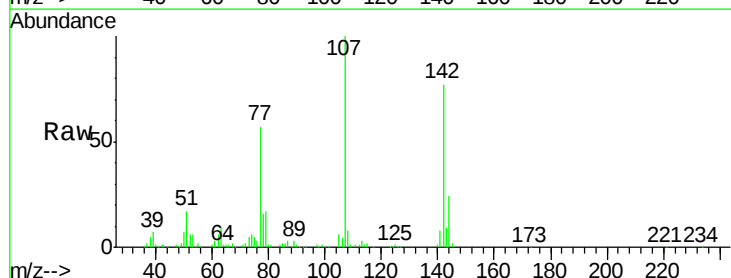
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

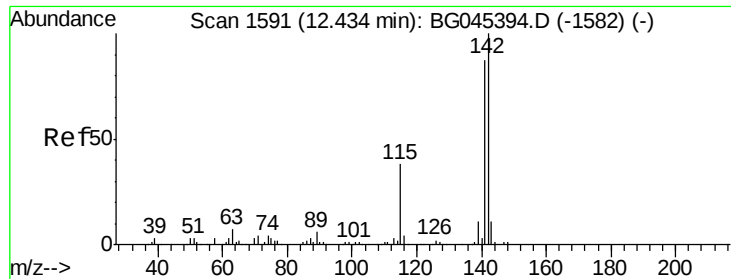
Tot Ion:113 Resp: 29694
 Ion Ratio Lower Upper
 113 100
 55 124.0 96.0 136.0
 56 104.1 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.440 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:107 Resp: 182881
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.8 31.2
 142 76.7 62.8 94.2

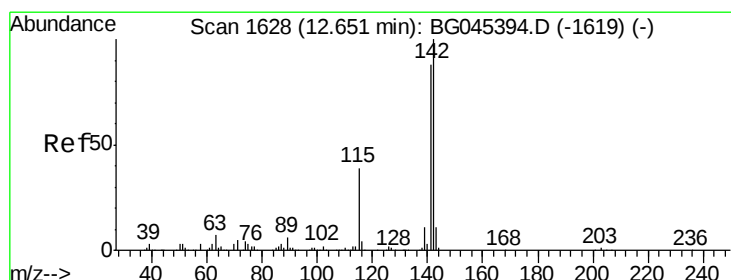
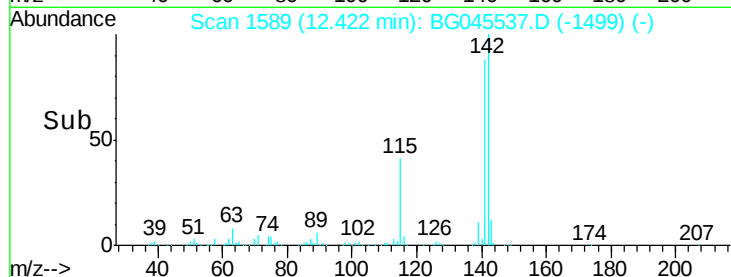
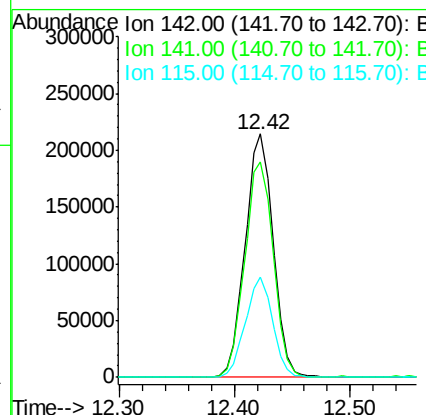
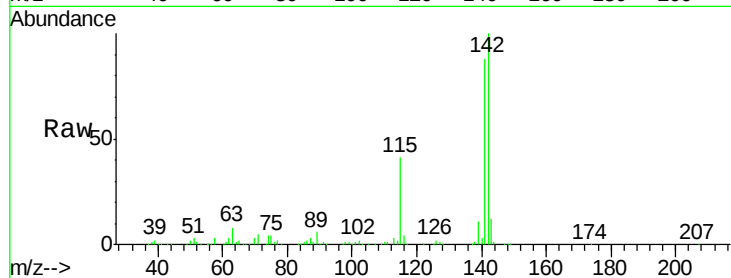




#37
 2-Methylnaphthalene
 Concen: 40.052 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

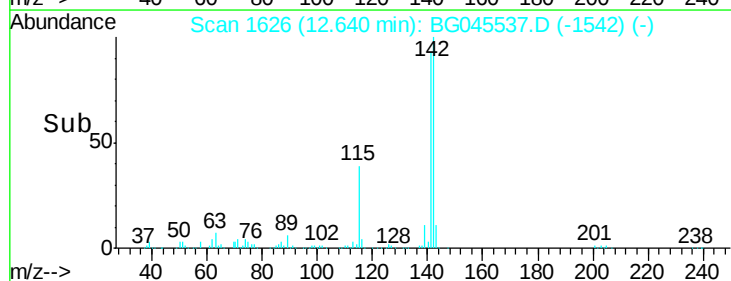
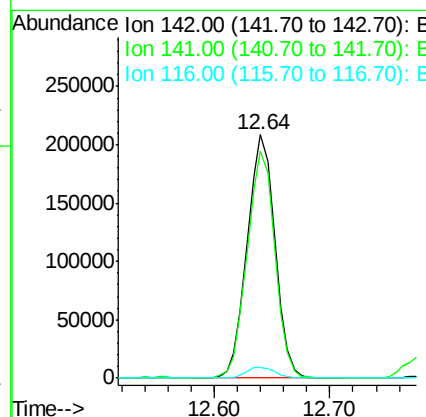
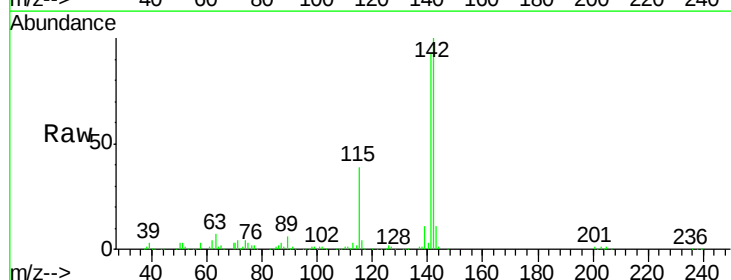
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	41.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 40.914 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

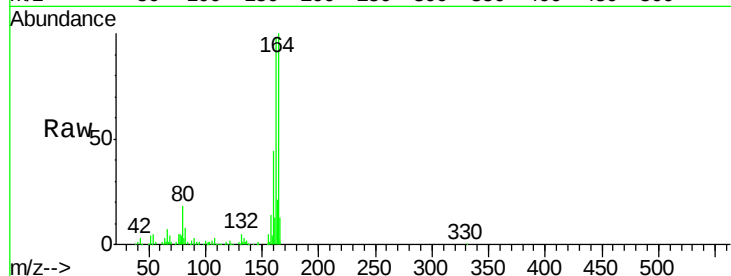
Tot Ion:164 Resp: 192259

Ion Ratio Lower Upper

164 100

162 98.0 76.9 115.3

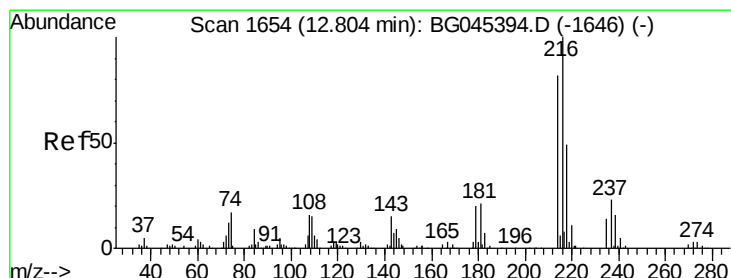
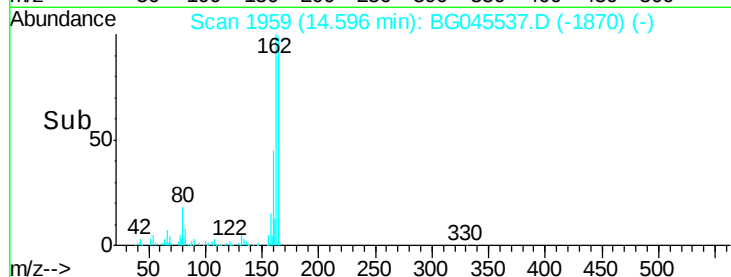
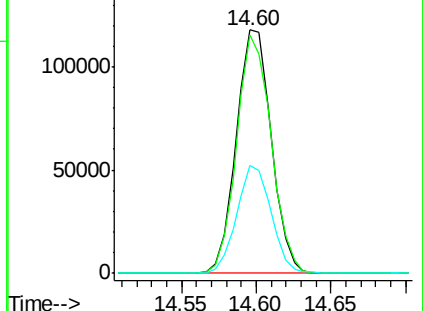
160 44.2 33.8 50.8



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: 38.915 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:216 Resp: 208977

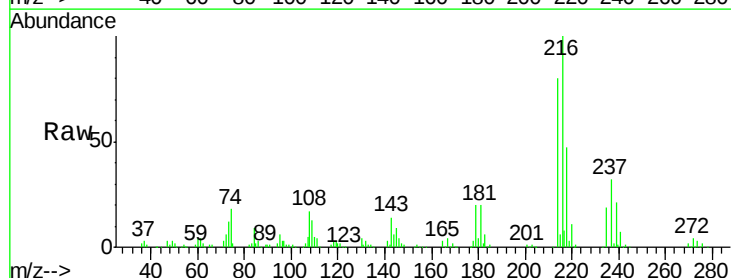
Ion Ratio Lower Upper

216 100

214 80.6 63.7 95.5

179 19.9 16.1 24.1

108 19.9 13.8 20.6

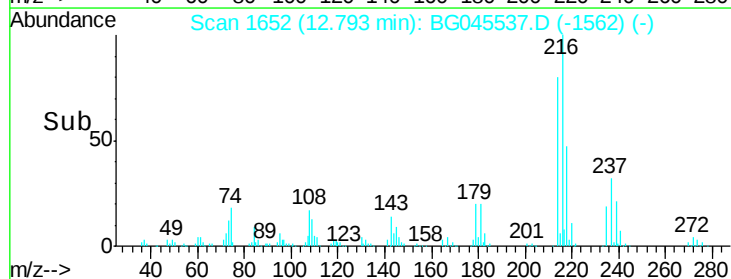
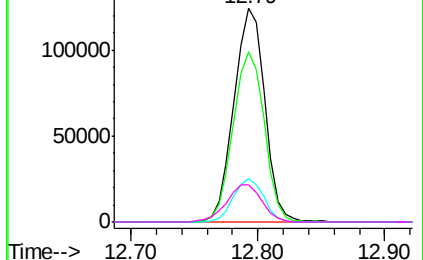


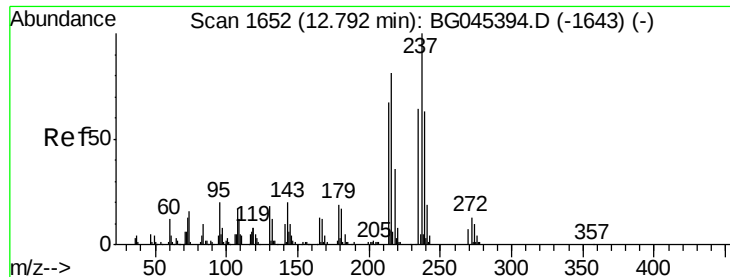
Abundance Ion 216.00 (215.70 to 216.70): E

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

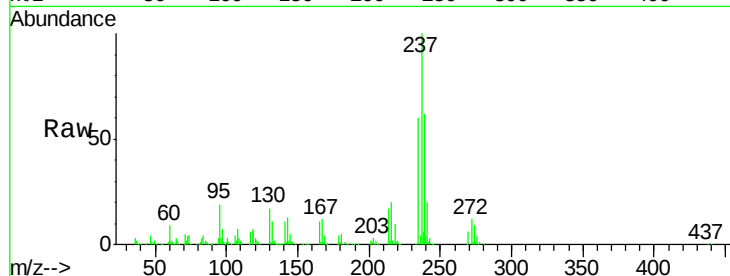




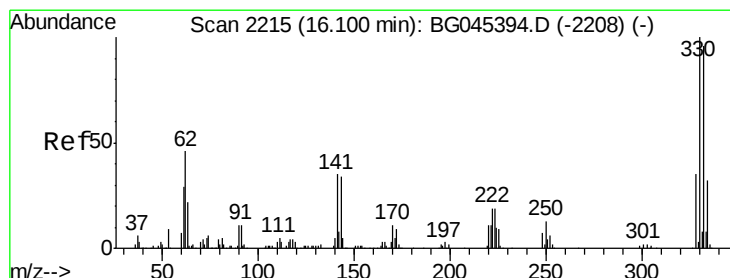
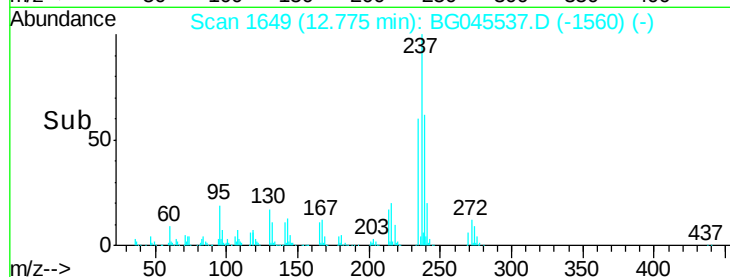
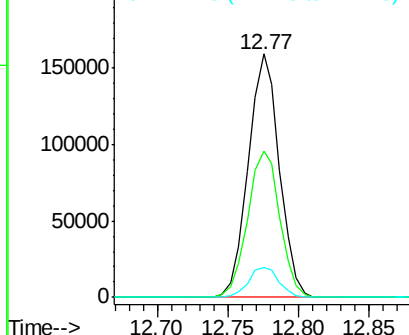
#41
Hexachlorocyclopentadiene
Concen: 79.346 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.9	44.4	84.4
272	12.3	0.0	32.5

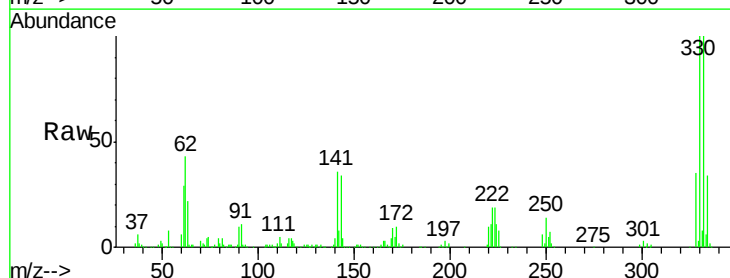


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

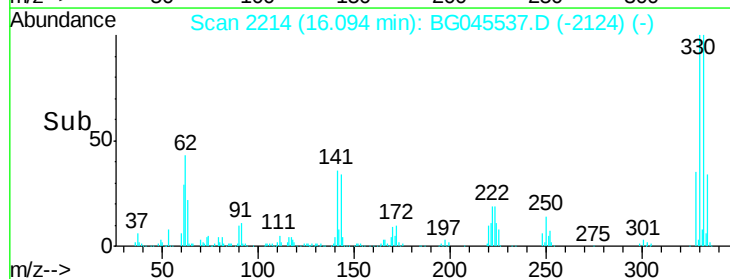
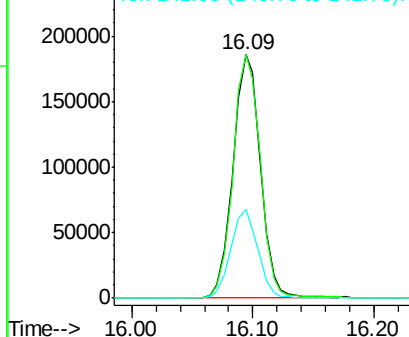


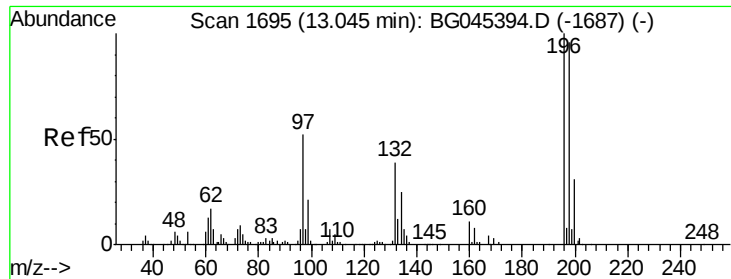
#42
2,4,6-Tribromophenol
Concen: 119.707 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.2	117.4
141	35.6	28.2	42.4



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

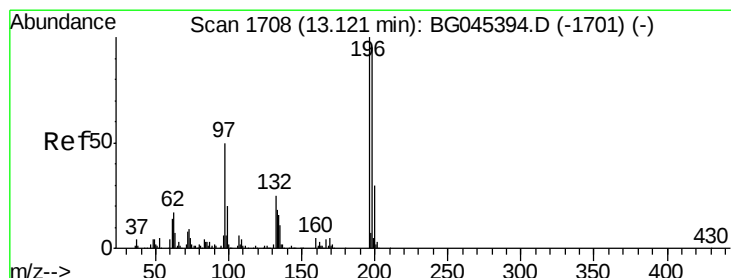
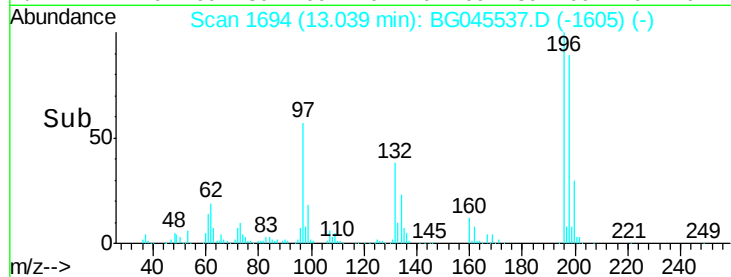
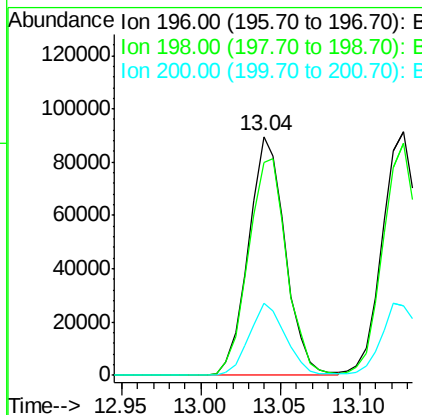
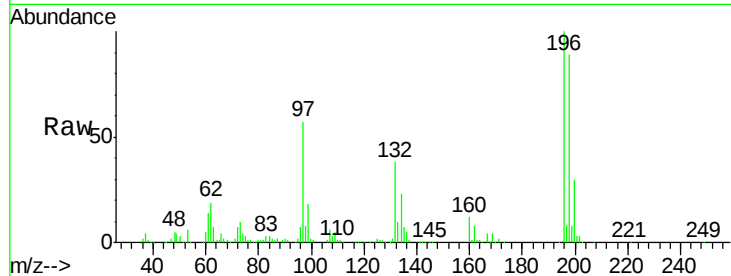




#43
 2,4,6-Trichlorophenol
 Concen: 38.751 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

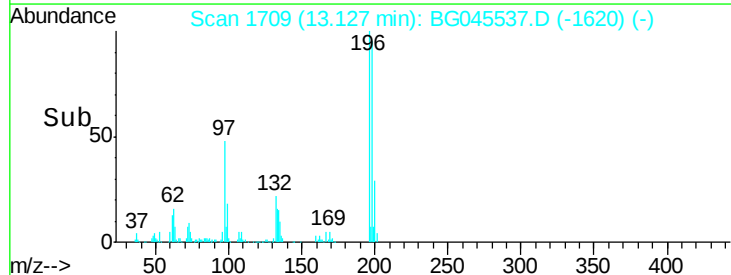
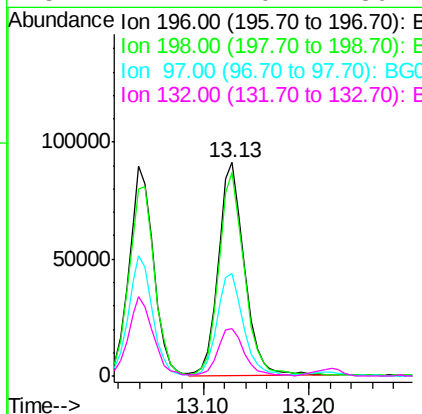
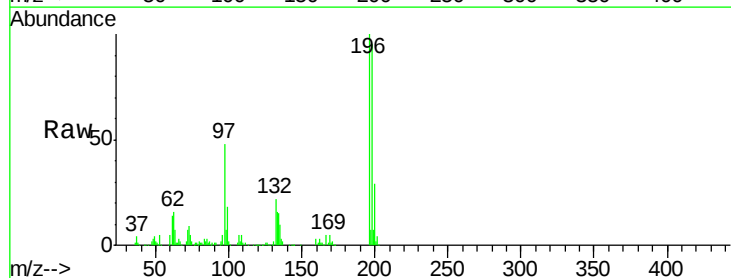
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tot Ion:196 Resp: 144557
 Ion Ratio Lower Upper
 196 100
 198 88.9 76.7 115.1
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.501 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:196 Resp: 155597
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.1 114.1
 97 48.2 40.0 60.0
 132 22.1 20.2 30.2

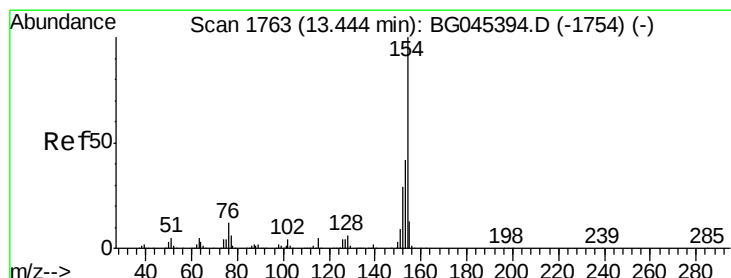
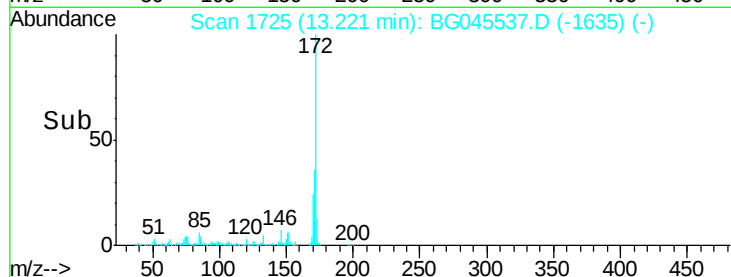
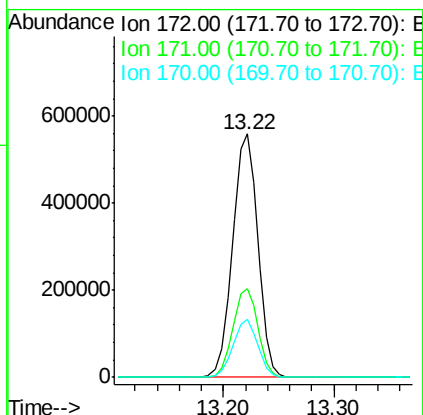
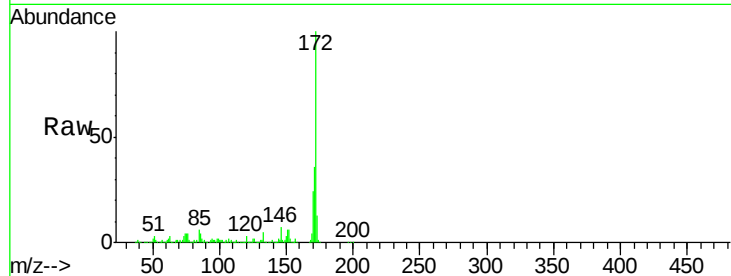




#45
2-Fluorobiphenyl
Concen: 79.133 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

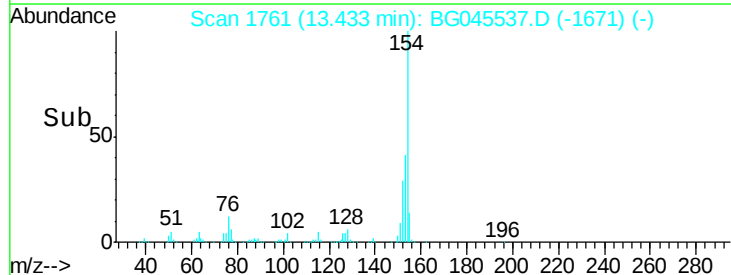
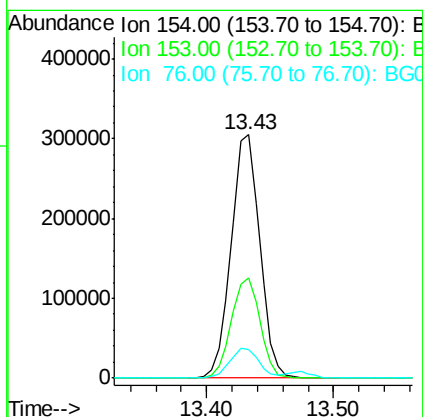
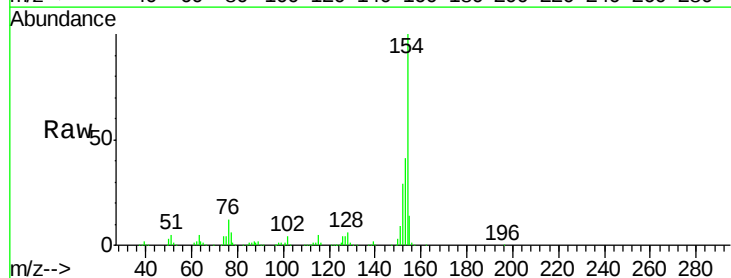
Instrument :
BNA_G
ClientSampleId :
PB129185BS

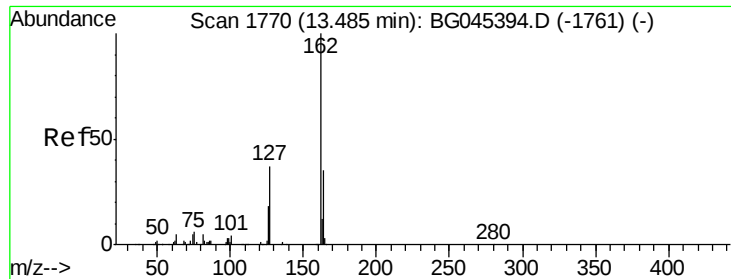
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	23.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 40.189 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	11.7	0.0	32.4

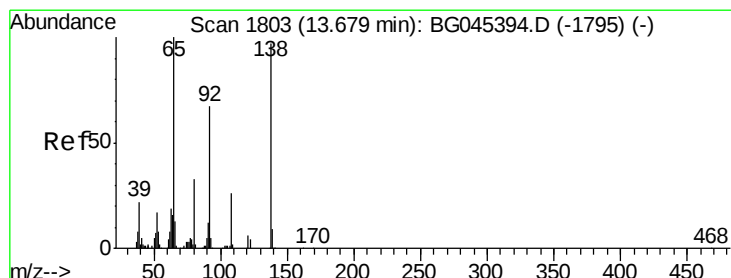
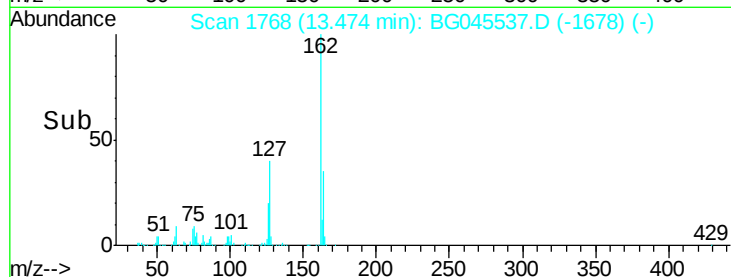
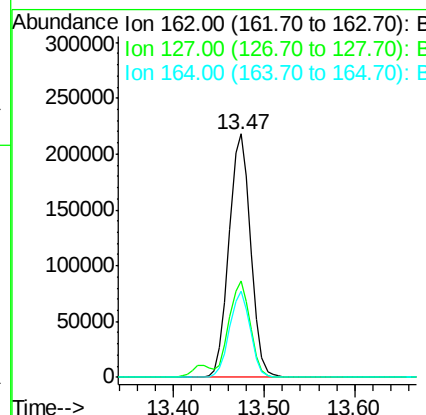
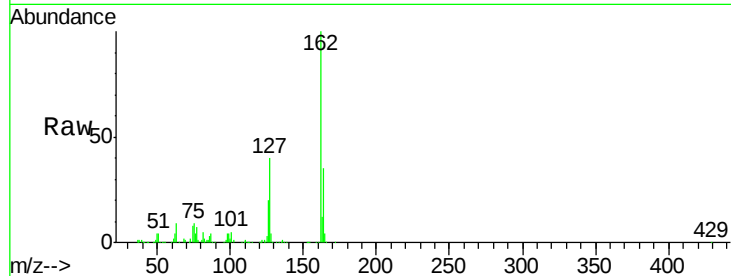




#47
 2-Chloronaphthalene
 Concen: 37.779 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

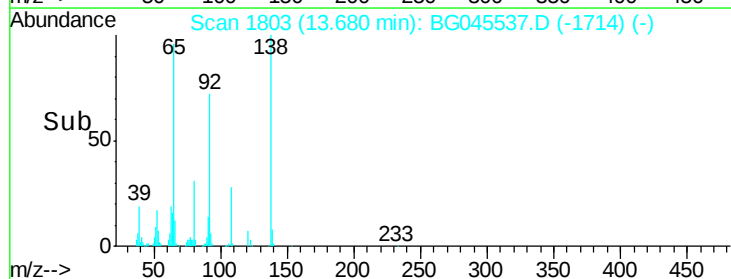
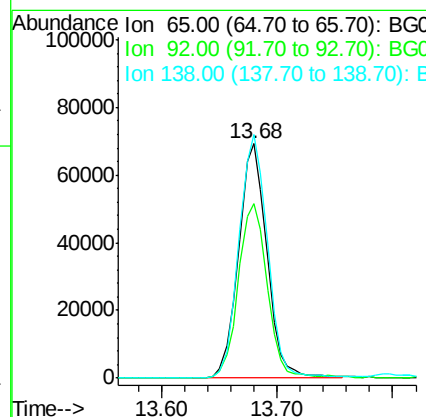
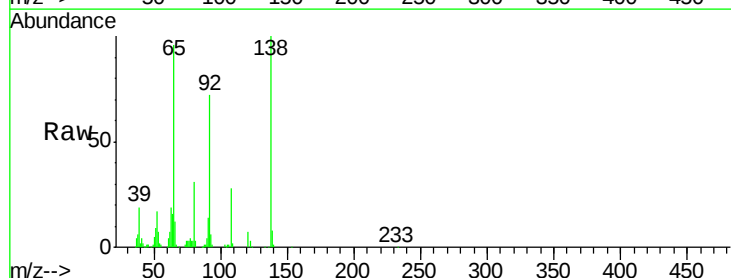
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

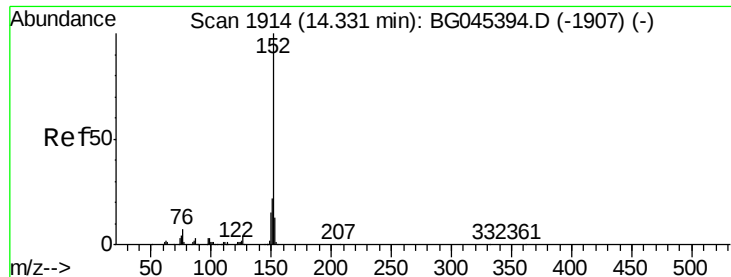
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.6	47.4
164	35.3	28.1	42.1



#48
 2-Nitroaniline
 Concen: 37.430 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	53.8	80.8
138	103.8	77.9	116.9





#49

Acenaphthylene

Concen: 39.890 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

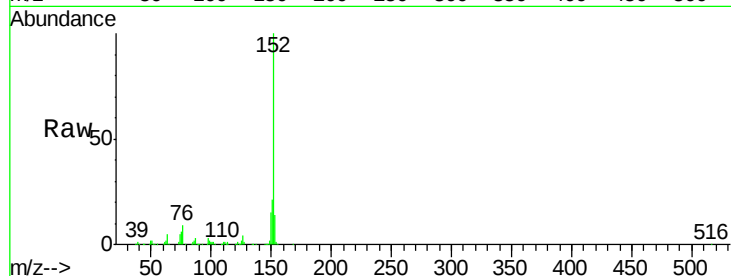
Tot Ion:152 Resp: 614661

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

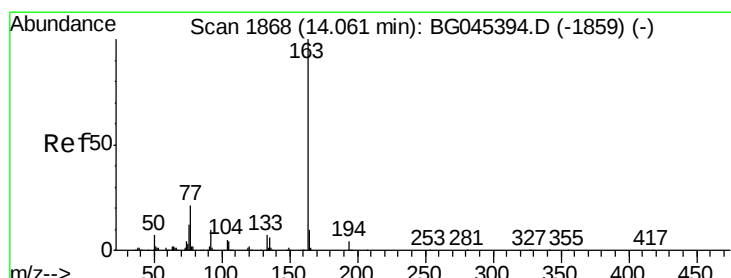
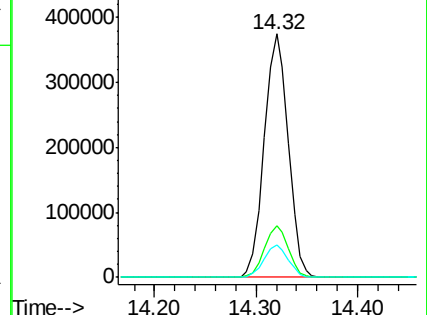
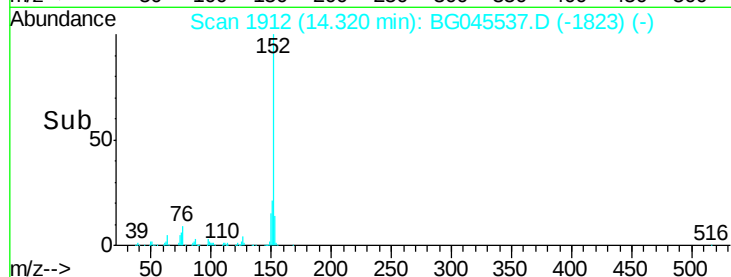
153 13.6 10.7 16.1



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: 37.969 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

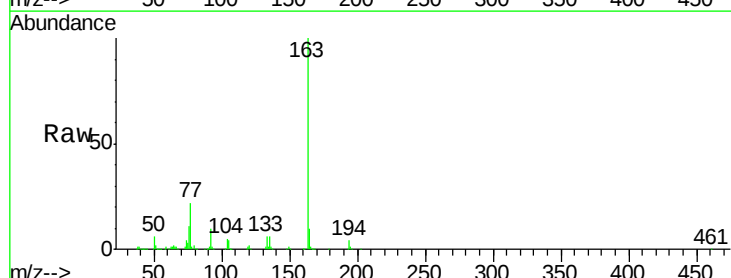
Tgt Ion:163 Resp: 500768

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

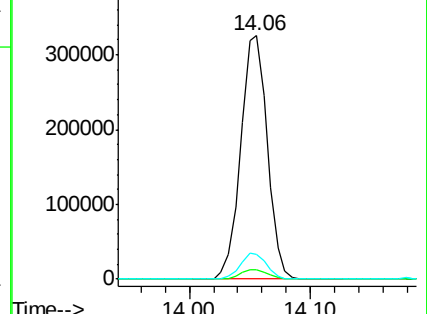
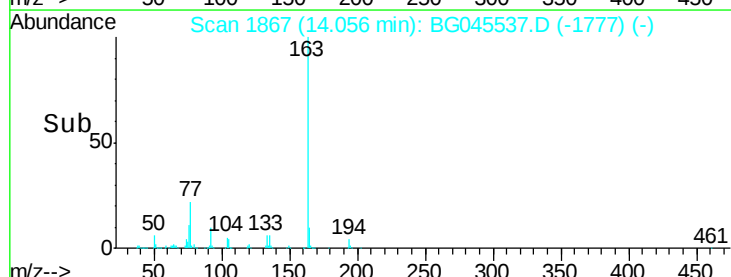
164 10.3 8.3 12.5

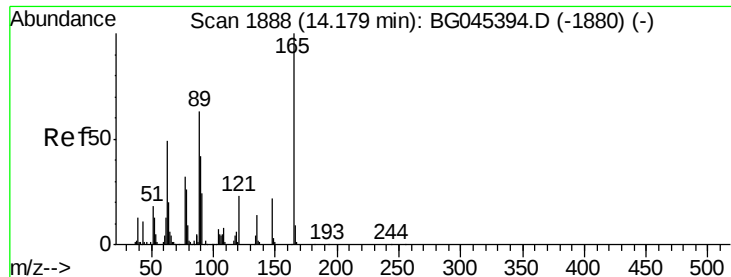


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.215 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

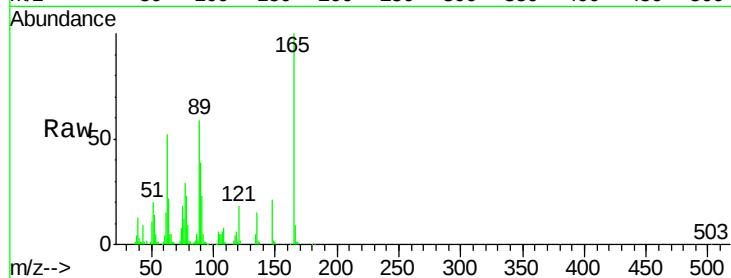
Tot Ion:165 Resp: 113729

Ion Ratio Lower Upper

165 100

63 52.4 45.0 67.4

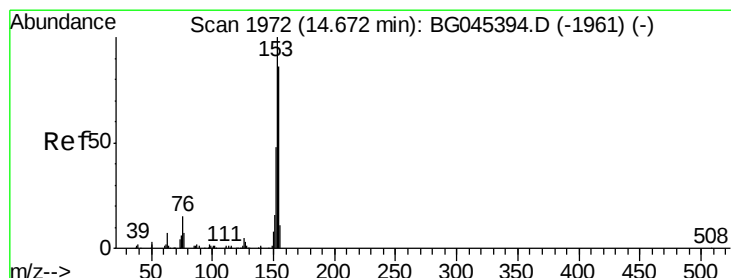
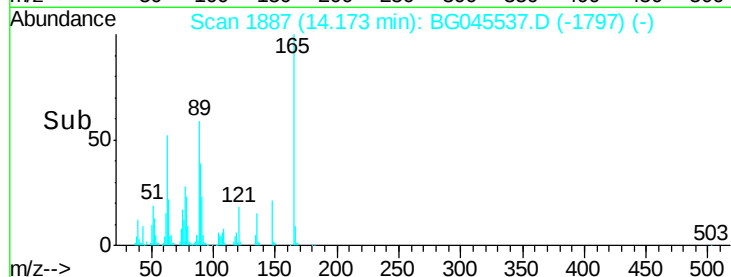
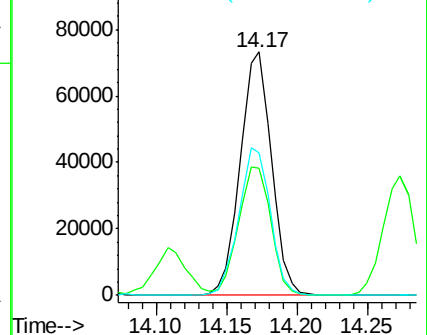
89 58.7 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 34.674 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

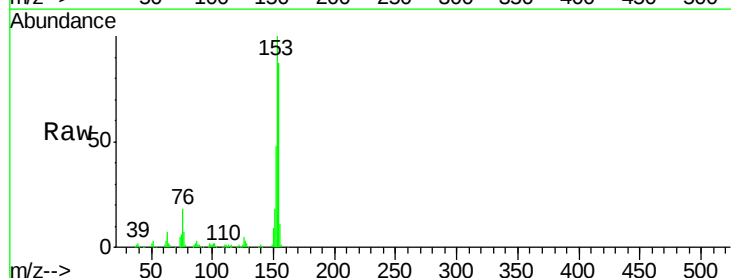
Tgt Ion:154 Resp: 357641

Ion Ratio Lower Upper

154 100

153 114.7 92.8 139.2

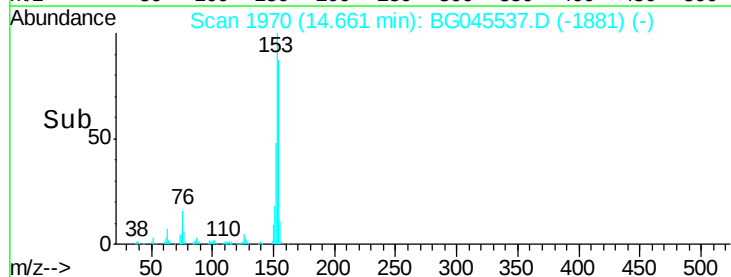
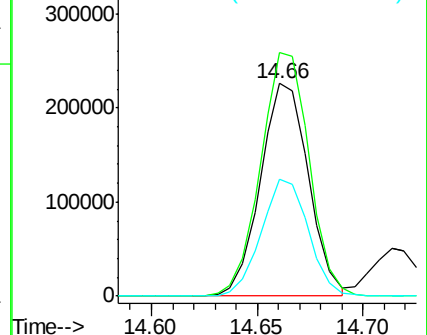
152 54.8 44.6 66.8

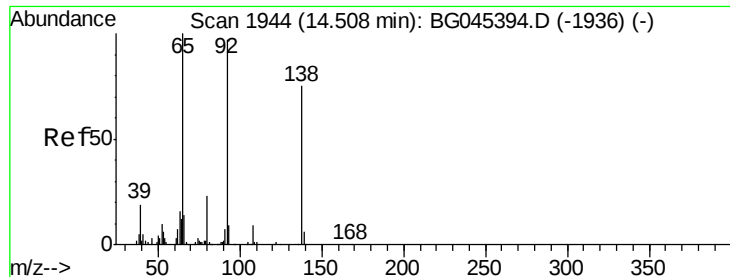


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

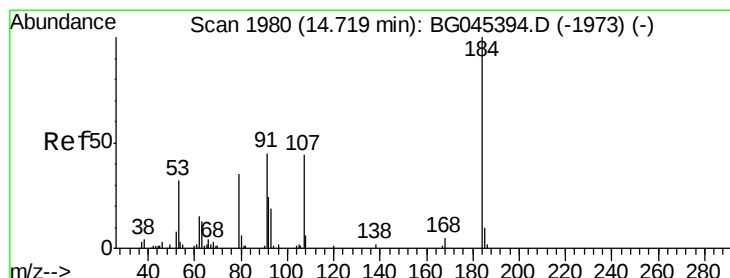
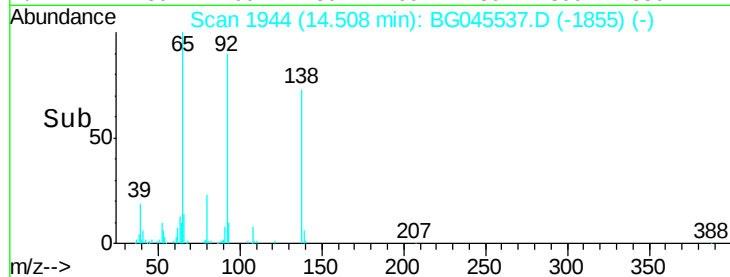
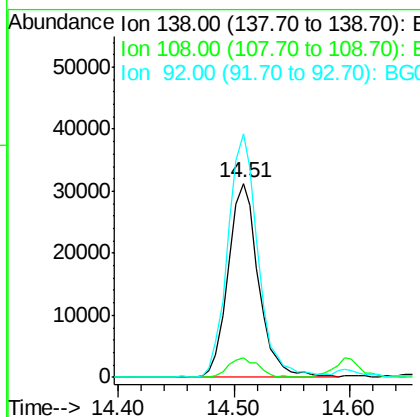
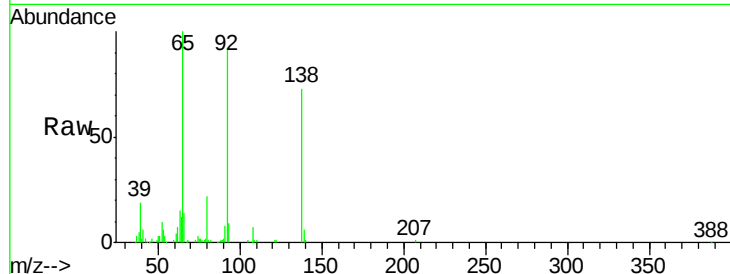




#53
3-Nitroaniline
Concen: 18.861 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

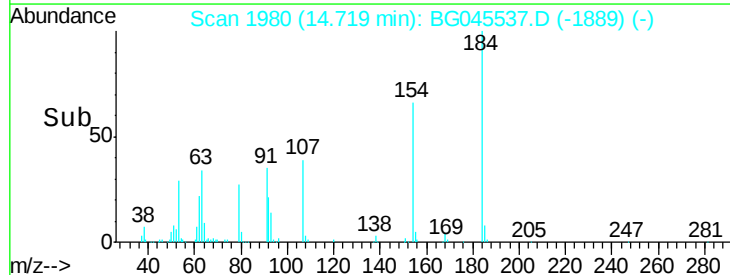
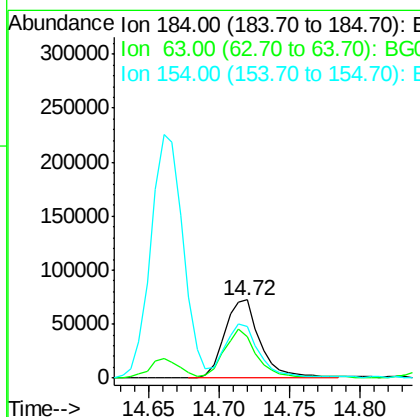
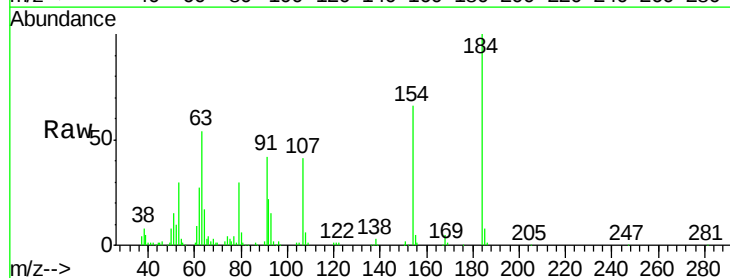
Instrument :
BNA_G
ClientSampleId :
PB129185BS

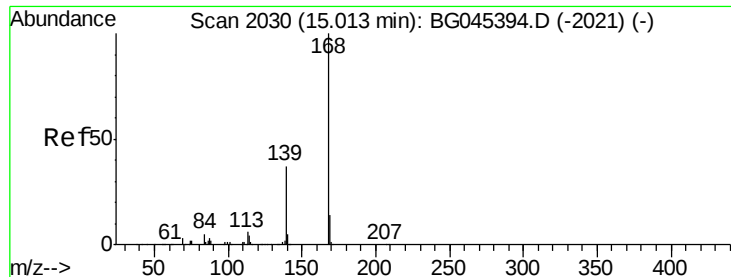
Tot Ion:138 Resp: 57061
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 125.7 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 66.260 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:184 Resp: 127213
Ion Ratio Lower Upper
184 100
63 53.6 47.8 71.6
154 66.4 58.3 87.5

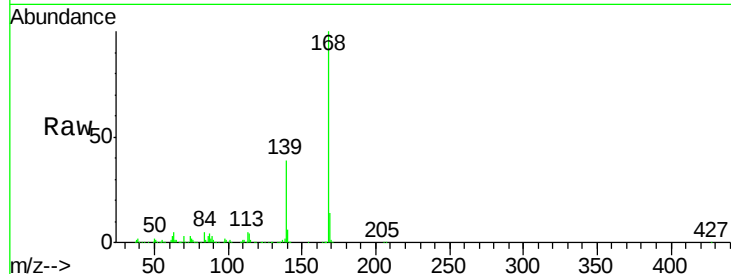




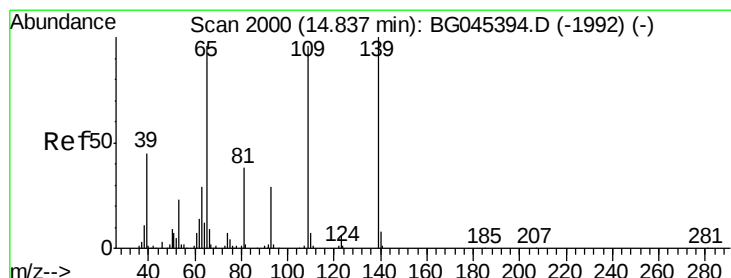
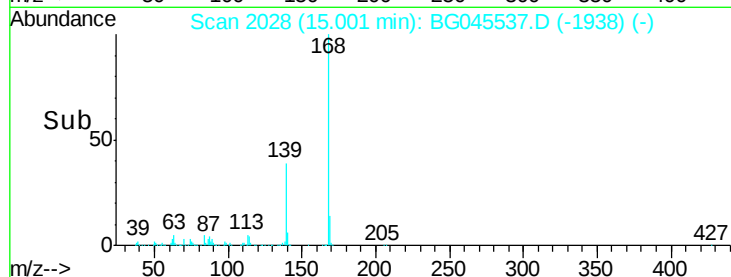
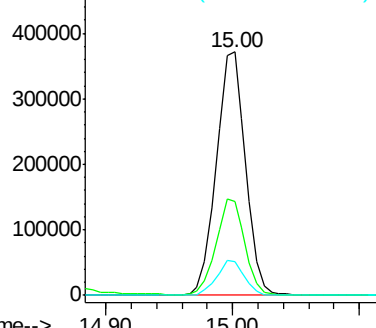
#55
Dibenzofuran
Concen: 38.738 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.9	44.9
169	13.7	10.9	16.3

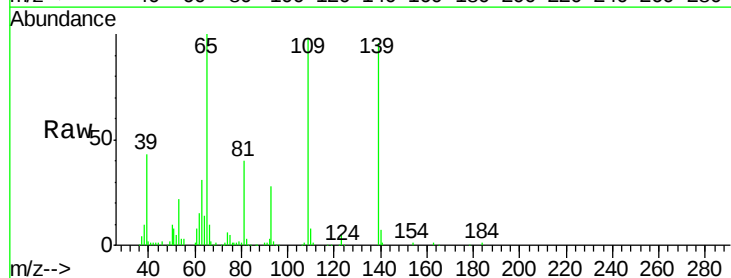


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

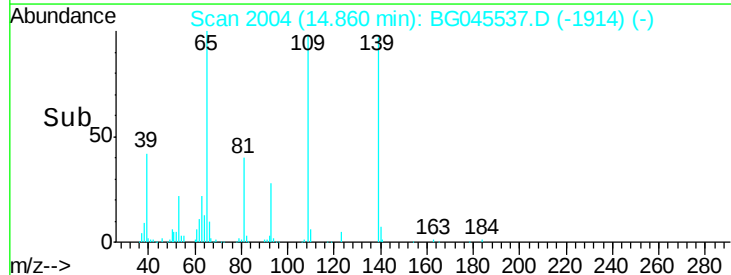
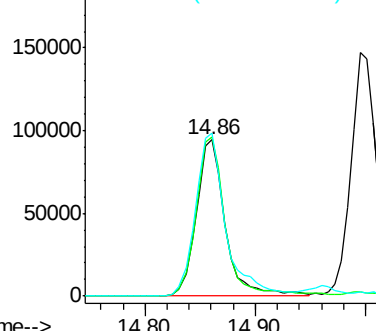


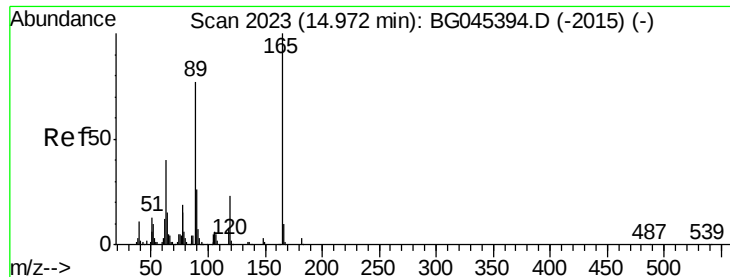
#56
4-Nitrophenol
Concen: 75.558 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.0	75.6	115.6
65	103.7	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): BG

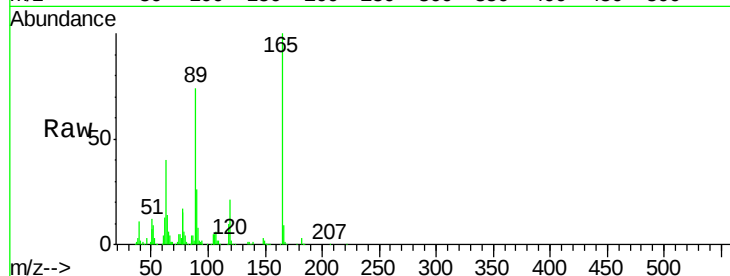




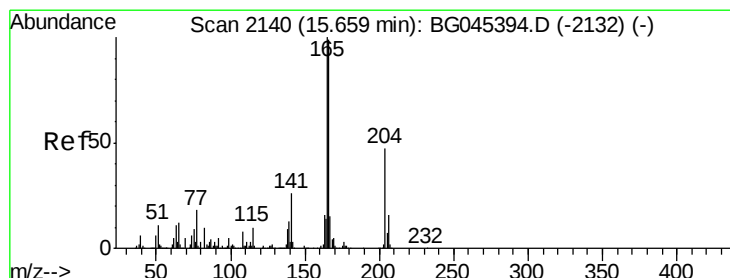
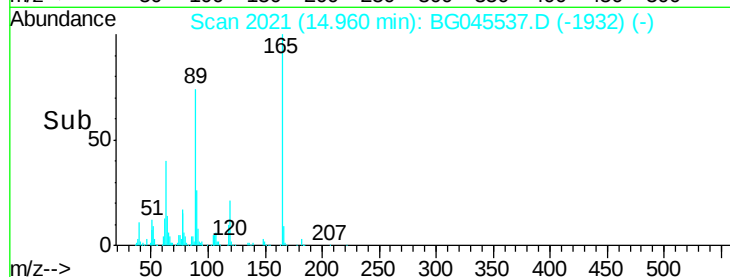
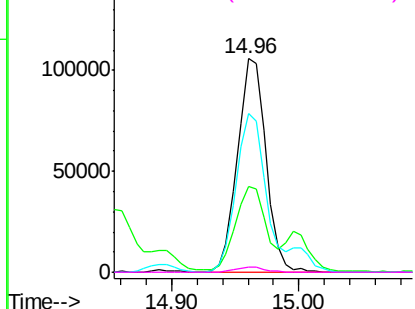
#57
2,4-Dinitrotoluene
Concen: 38.187 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion:165 Resp: 164591
Ion Ratio Lower Upper
165 100
63 40.3 32.5 48.7
89 74.1 61.8 92.6
182 2.6 2.3 3.5

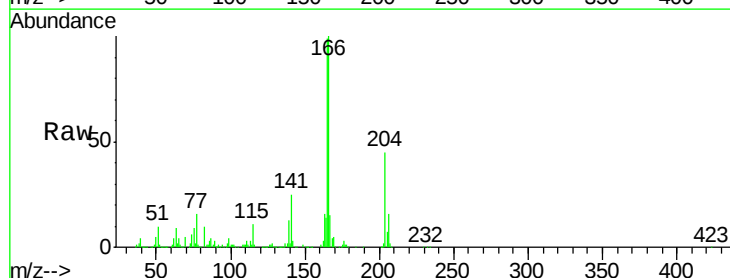


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

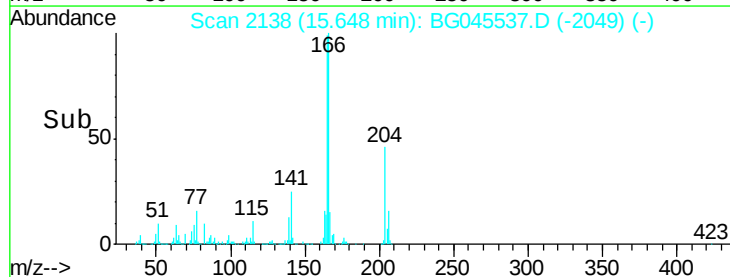
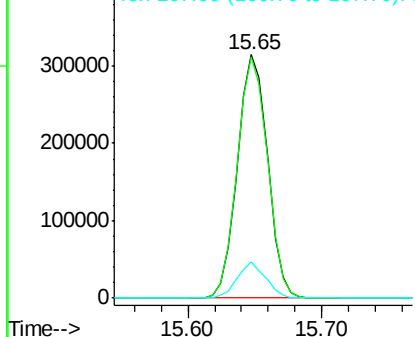


#58
Fluorene
Concen: 39.202 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:166 Resp: 493306
Ion Ratio Lower Upper
166 100
165 99.2 80.8 121.2
167 14.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

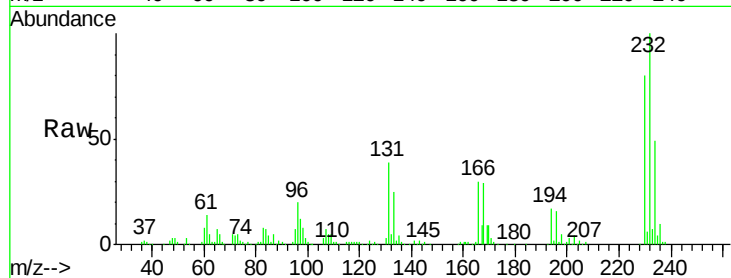




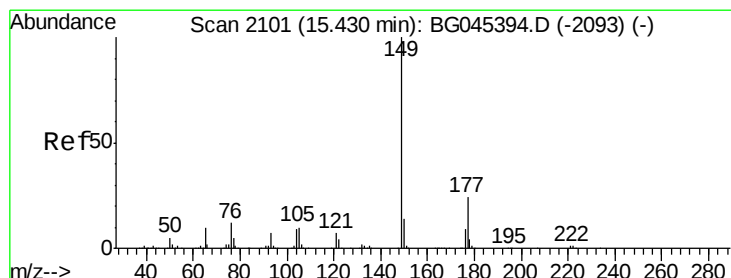
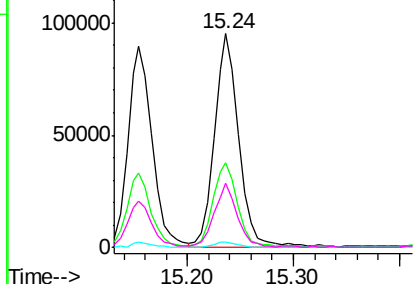
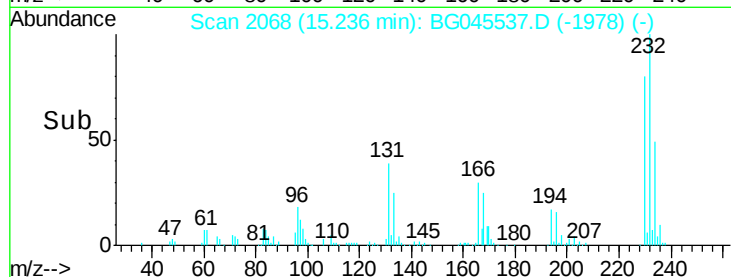
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.056 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tot Ion:	232	Resp:	153976
Ion	Ratio	Lower	Upper
232	100		
131	39.1	33.7	50.5
130	2.5	2.1	3.1
166	28.1	23.2	34.8

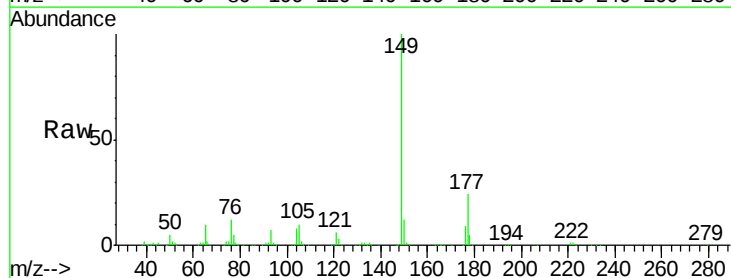


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

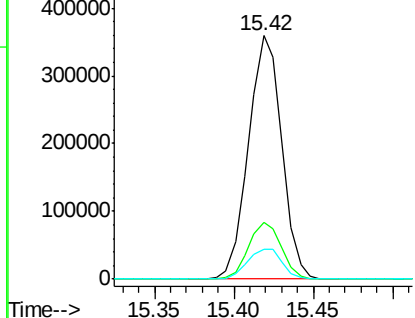
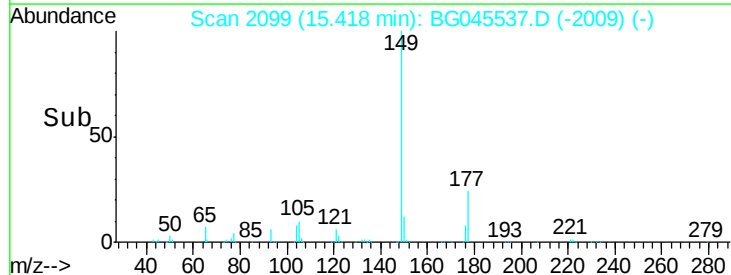


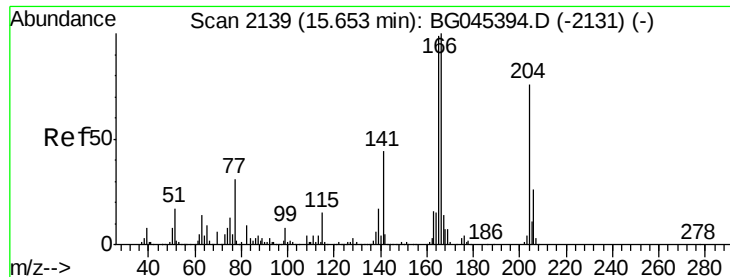
#60
 Diethylphthalate
 Concen: 38.189 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:	149	Resp:	524232
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	12.2	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

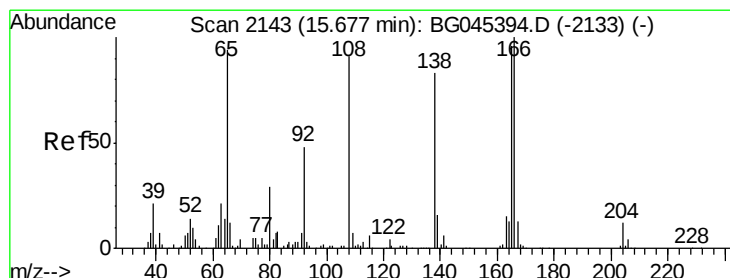
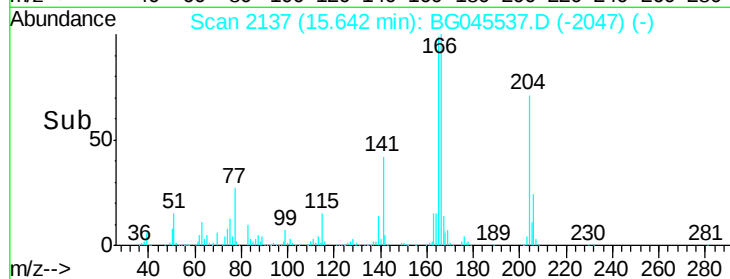
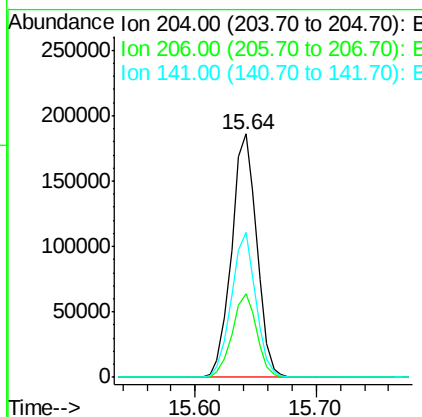
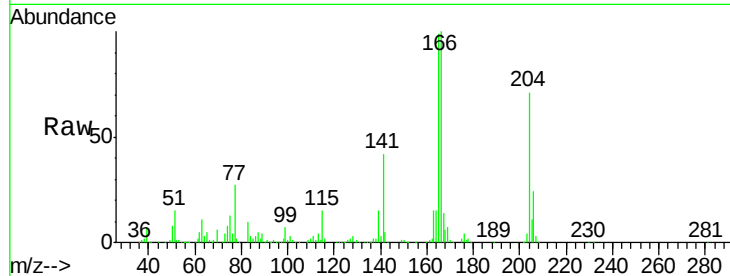




#61
4-Chlorophenyl-phenylether
Concen: 37.591 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

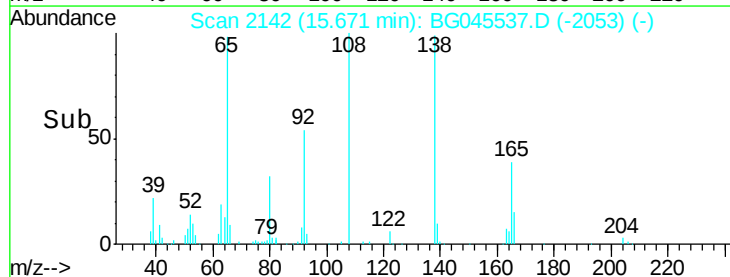
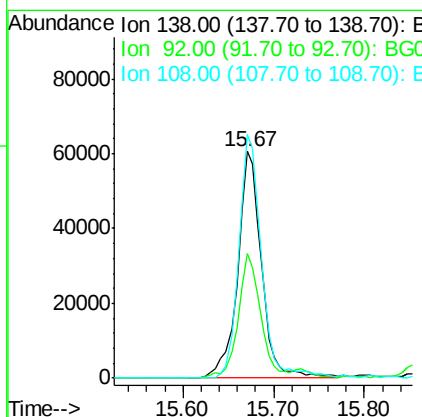
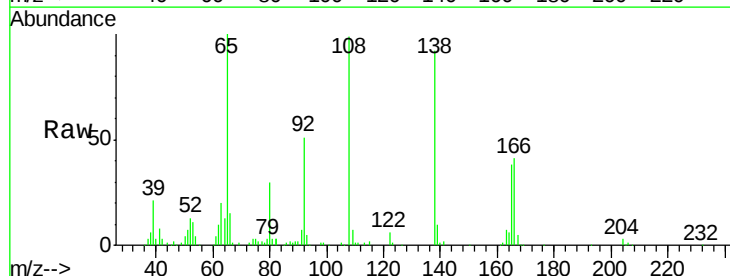
Instrument :
BNA_G
ClientSampleId :
PB129185BS

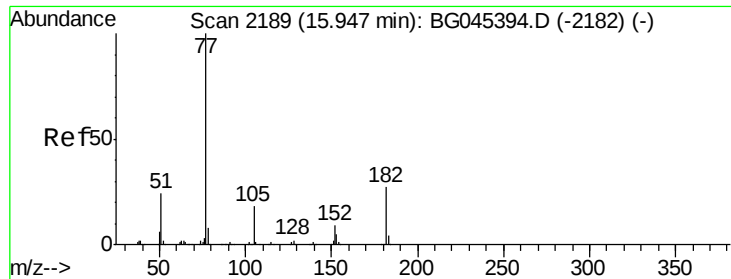
Tot Ion:204 Resp: 270683
Ion Ratio Lower Upper
204 100
206 34.4 27.3 40.9
141 59.5 45.9 68.9



#62
4-Nitroaniline
Concen: 35.099 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:138 Resp: 110852
Ion Ratio Lower Upper
138 100
92 55.0 38.0 78.0
108 107.4 89.3 129.3





#63

Azobenzene

Concen: 38.675 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

Tot Ion: 77 Resp: 495039

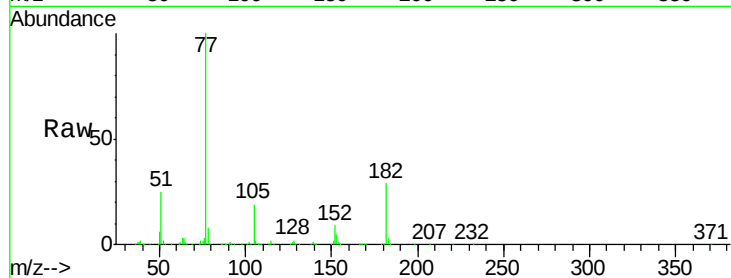
Ion Ratio Lower Upper

77 100

182 28.5 6.5 46.5

105 19.3 0.0 37.9

51 25.4 4.1 44.1

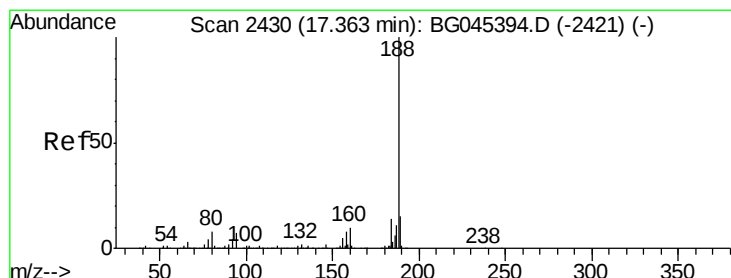
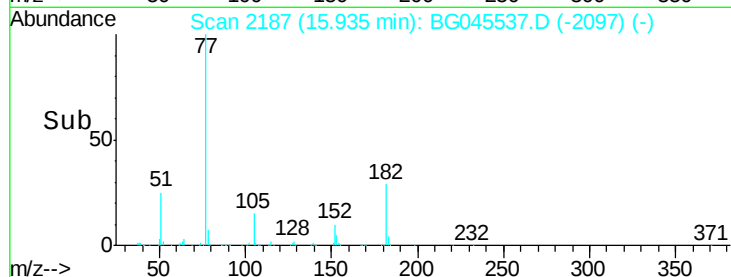
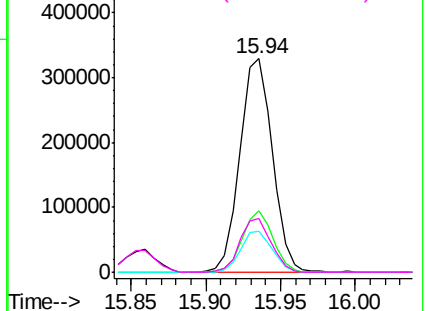


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

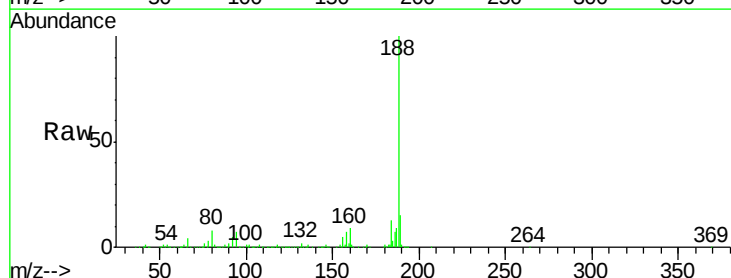
Tgt Ion: 188 Resp: 460428

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

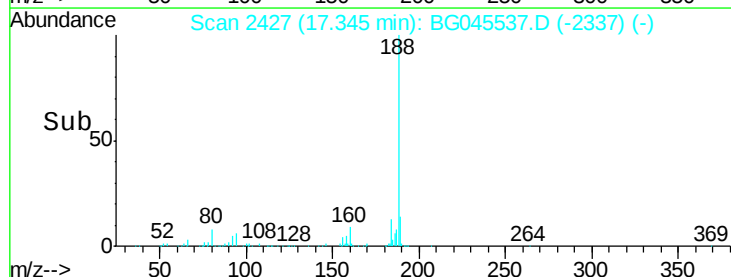
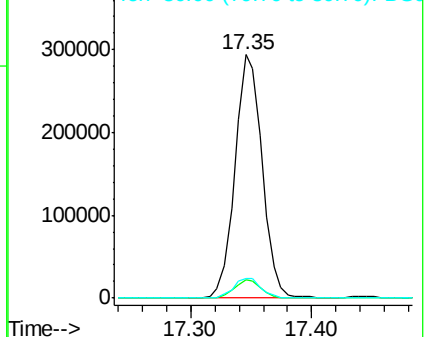
80 8.1 6.6 10.0

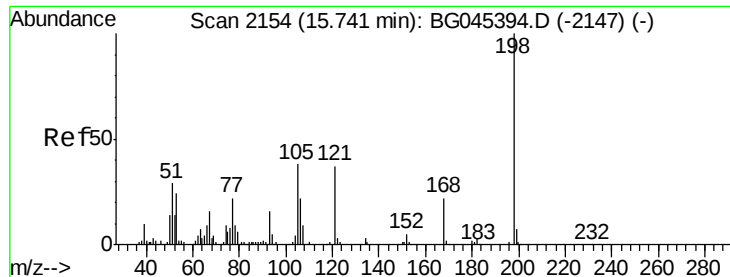


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

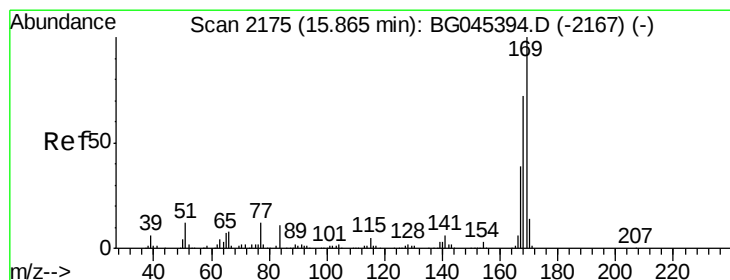
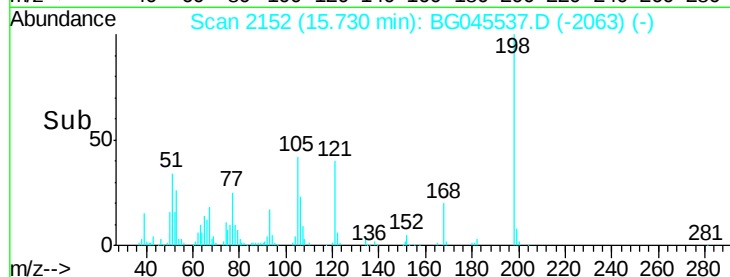
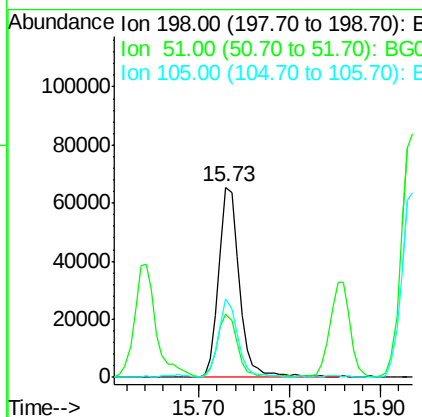
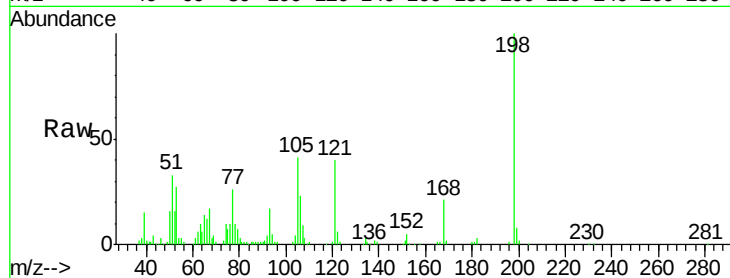




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.567 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

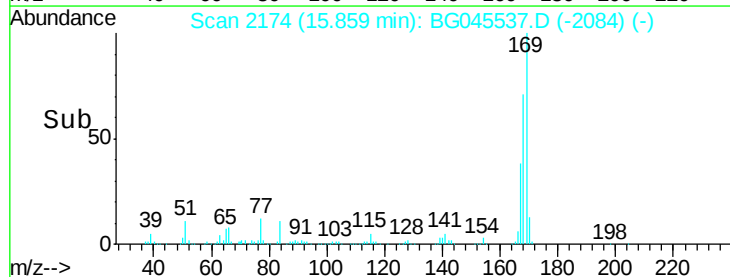
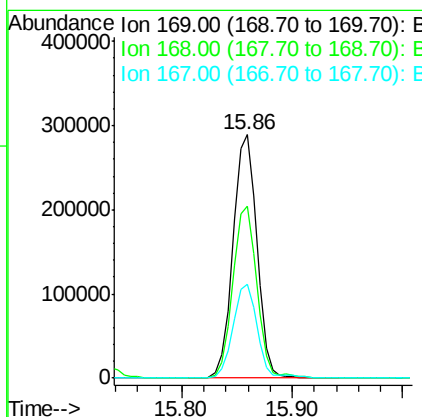
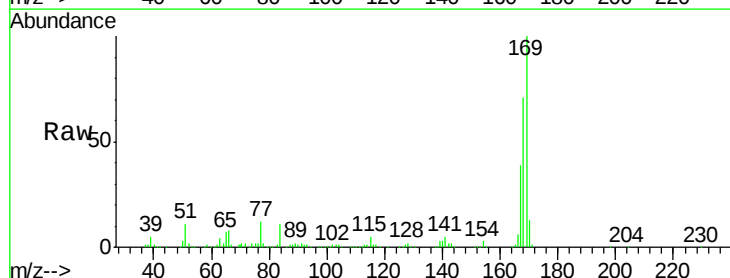
Instrument :
 BNA_G
 ClientSampled :
 PB129185BS

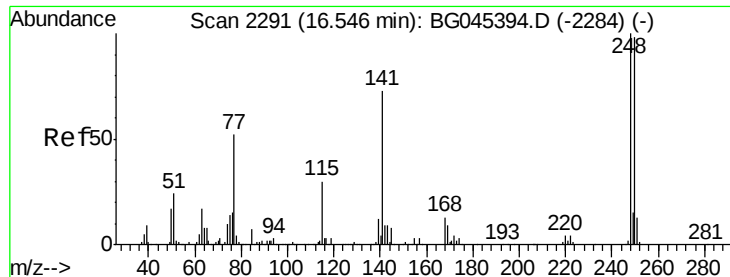
Tot Ion:198 Resp: 103418
 Ion Ratio Lower Upper
 198 100
 51 33.3 10.0 50.0
 105 41.5 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 39.807 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:169 Resp: 440058
 Ion Ratio Lower Upper
 169 100
 168 70.8 57.8 86.6
 167 38.6 31.5 47.3

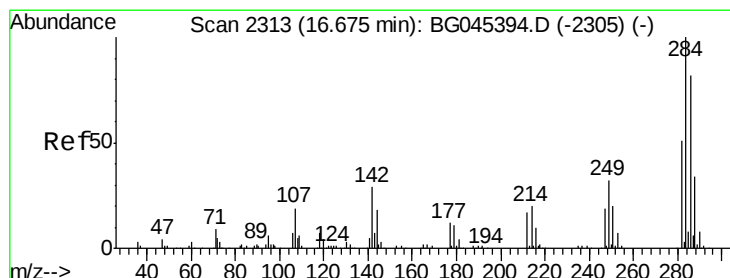
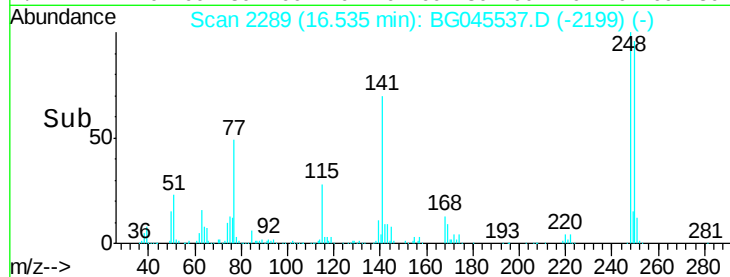
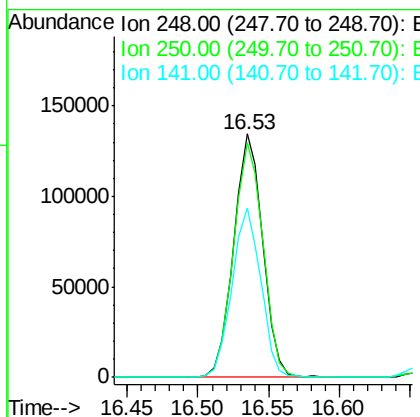
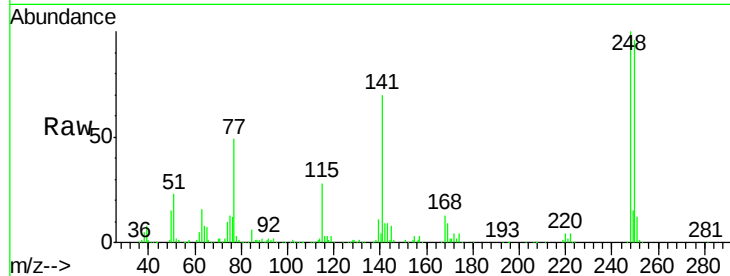




#67
4-Bromophenyl-phenylether
Concen: 38.615 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

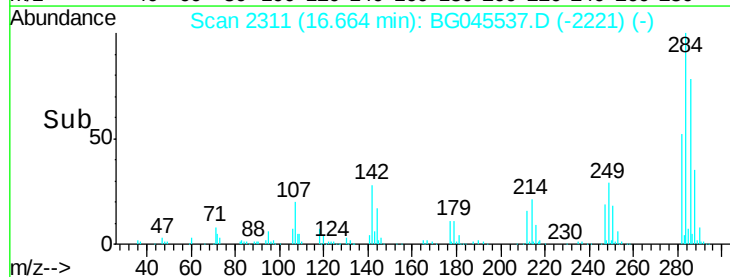
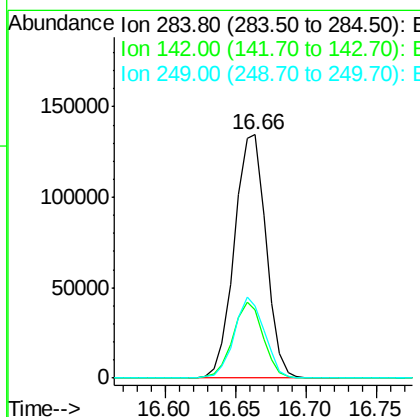
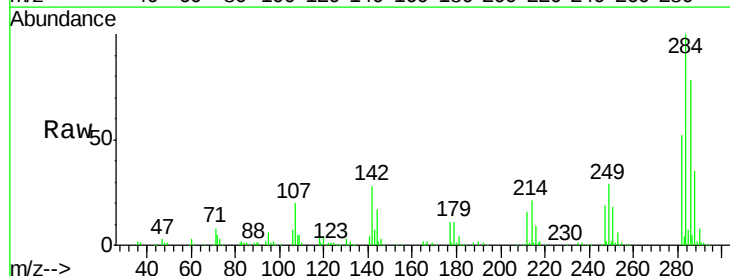
Instrument :
BNA_G
ClientSampleId :
PB129185BS

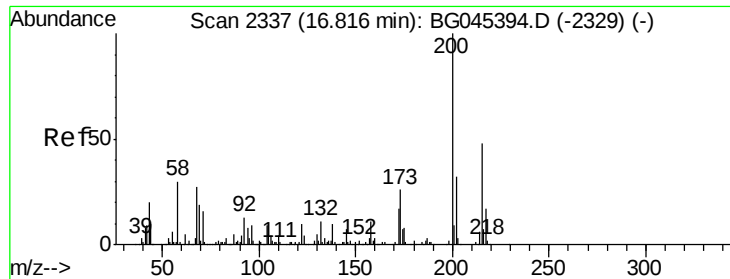
Tot Ion:248 Resp: 192523
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 69.7 58.2 87.2



#68
Hexachlorobenzene
Concen: 40.347 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:284 Resp: 210392
Ion Ratio Lower Upper
284 100
142 28.0 23.0 34.6
249 29.5 25.8 38.6





#69

Atrazine

Concen: 37.388 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

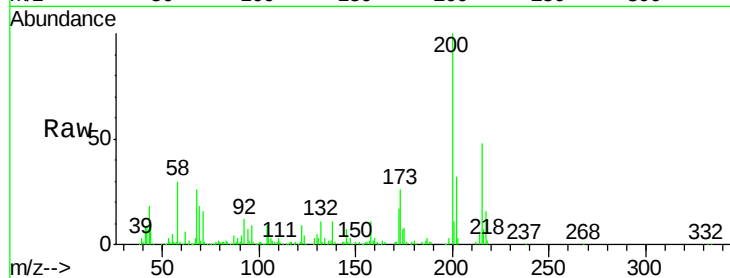
Tot Ion:200 Resp: 170243

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

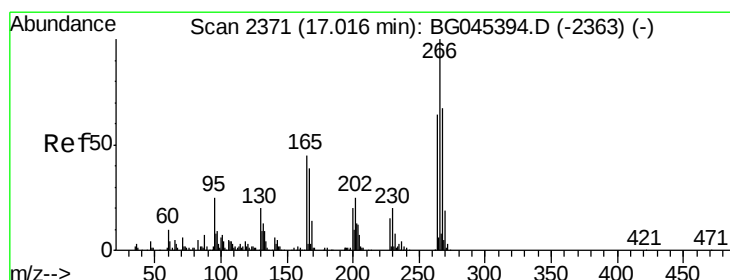
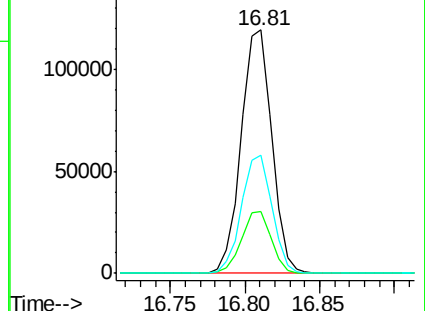
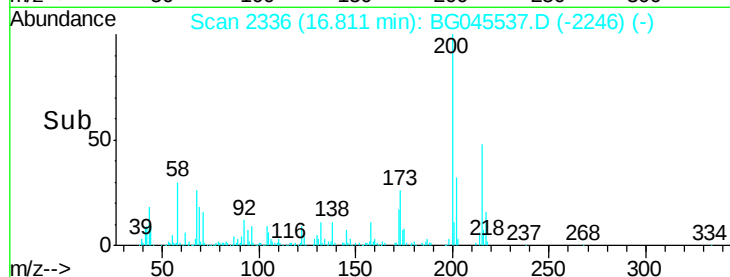
215 48.3 28.2 68.2



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: 81.407 ng

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

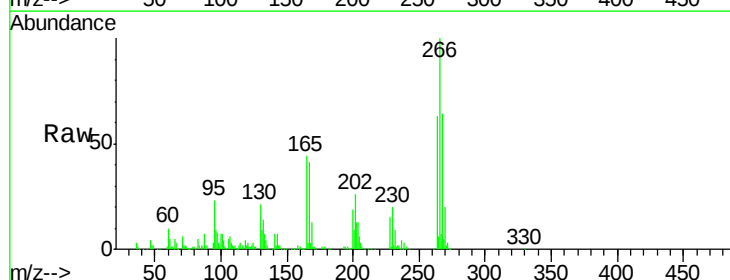
Tgt Ion:266 Resp: 220420

Ion Ratio Lower Upper

266 100

268 64.1 53.2 79.8

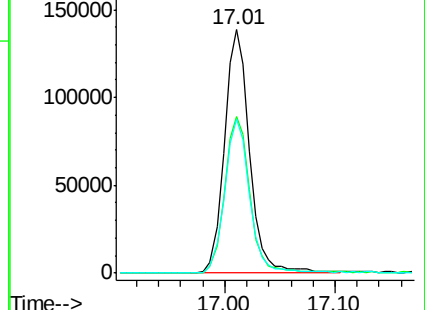
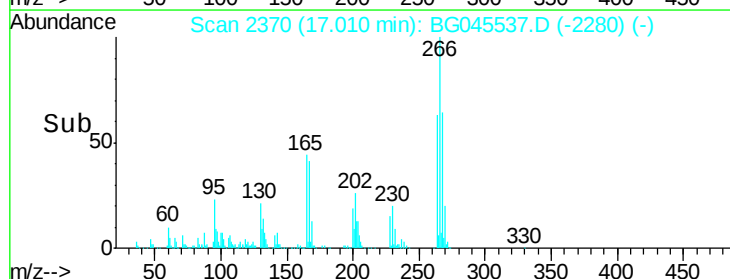
264 63.4 51.0 76.4

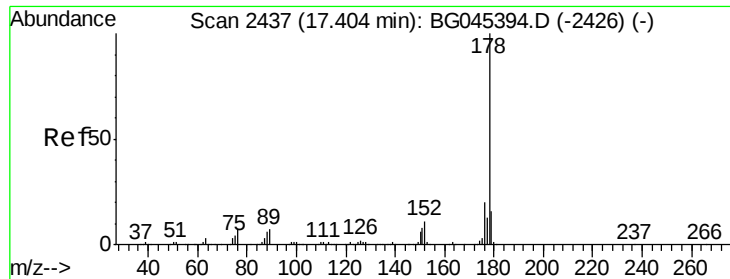


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.630 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

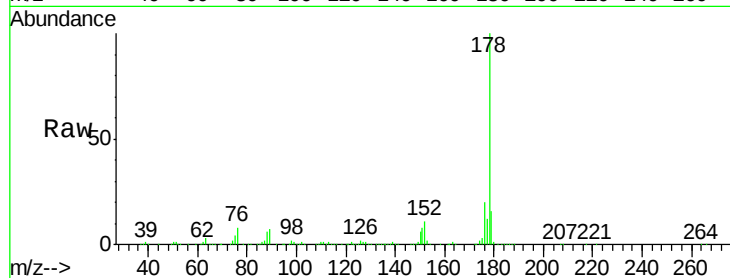
Tot Ion:178 Resp: 816682

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

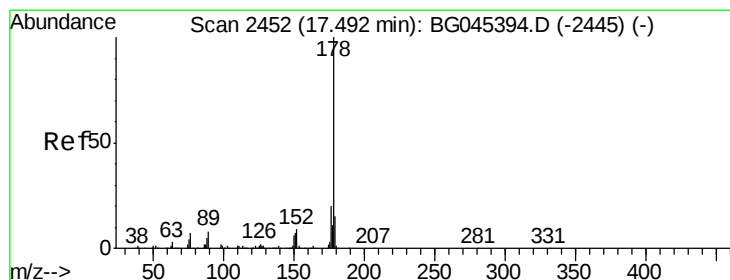
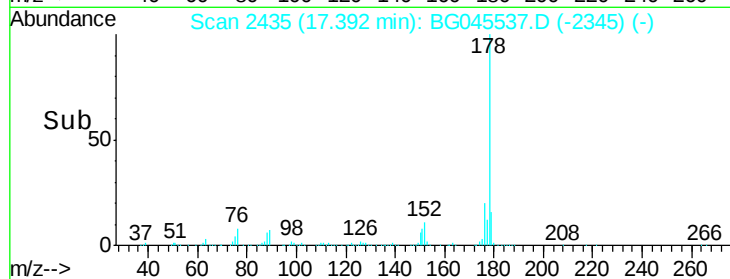
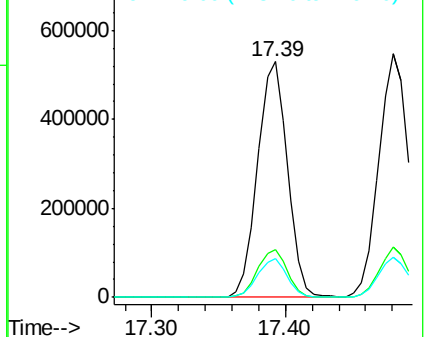
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.975 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

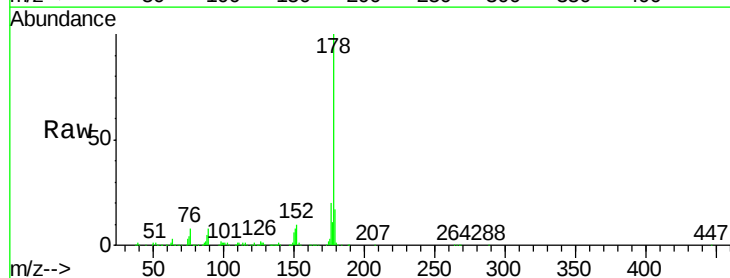
Tgt Ion:178 Resp: 847274

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.6

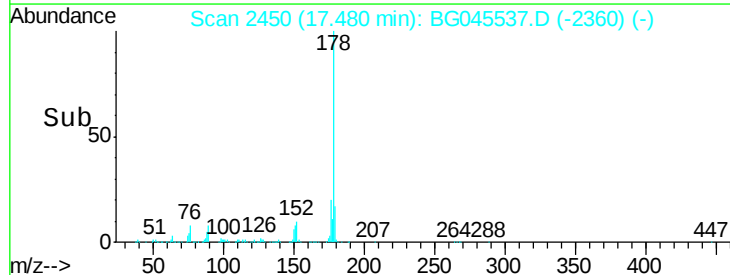
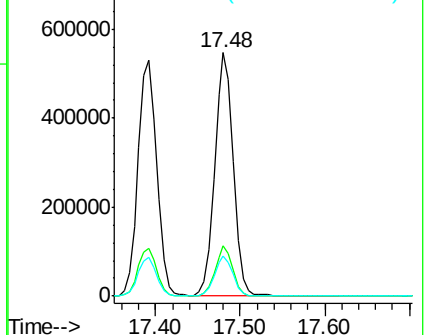
179 16.6 12.2 18.4

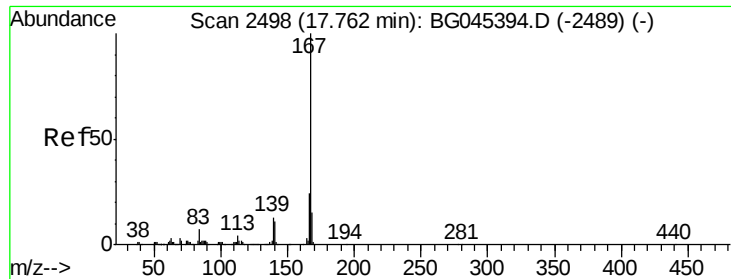


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

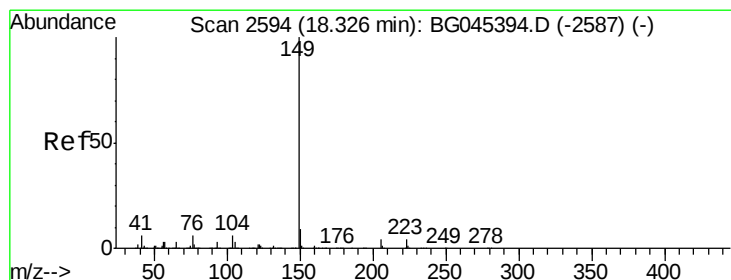
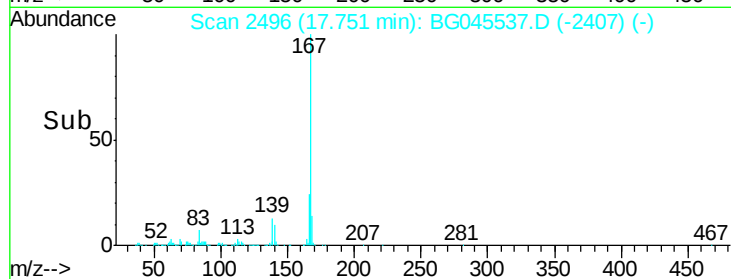
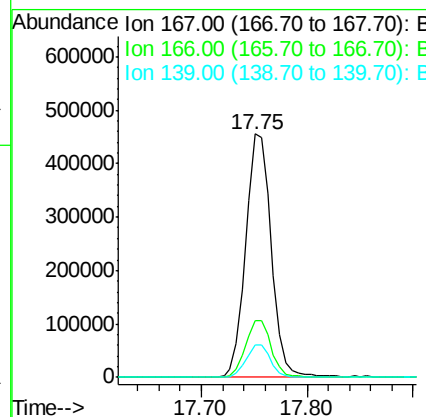
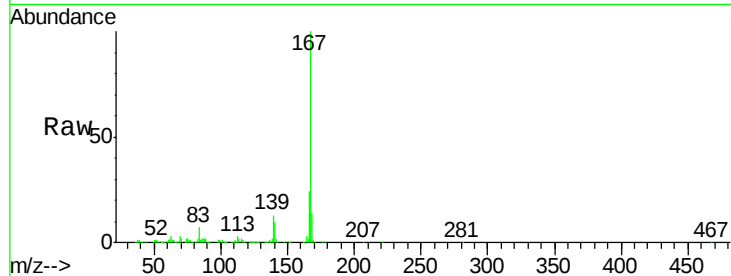




#73
 Carbazole
 Concen: 38.918 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

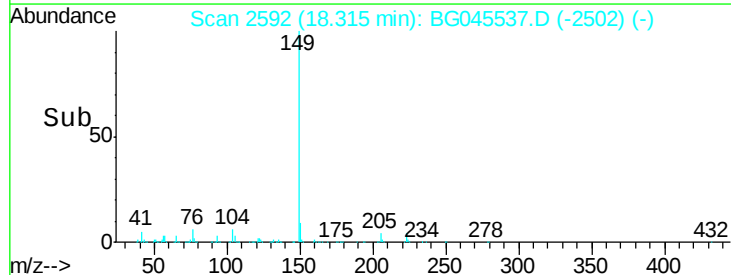
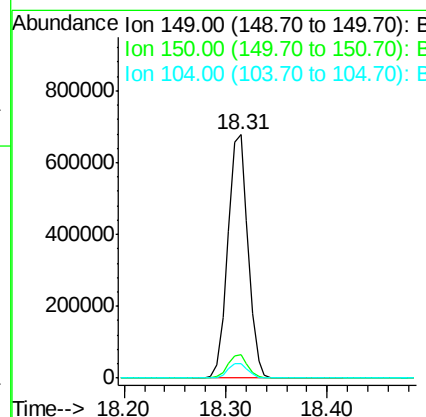
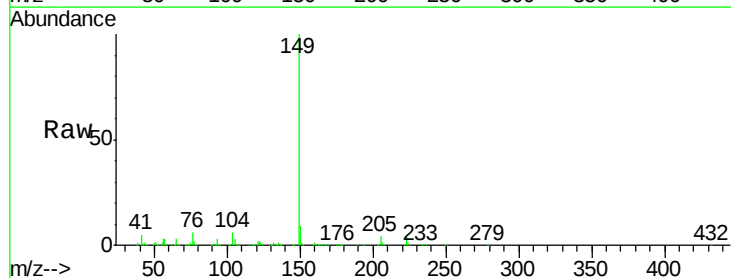
Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

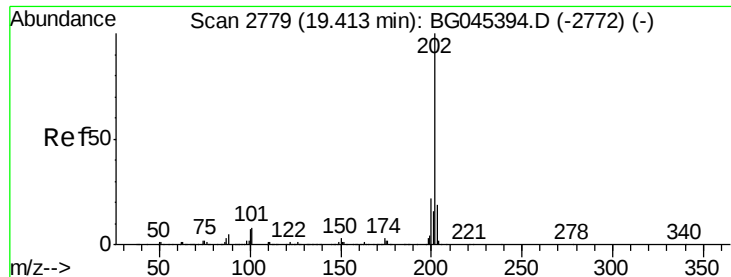
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	13.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.444 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 40.027 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

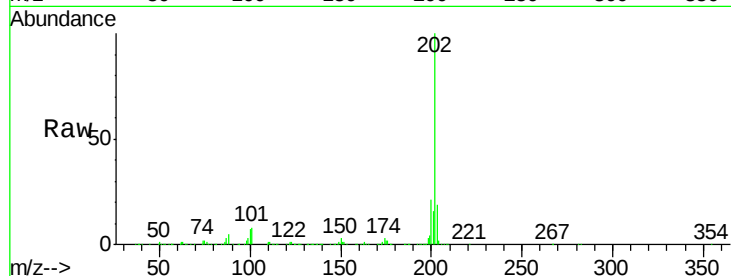
Tot Ion:202 Resp: 1023337

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

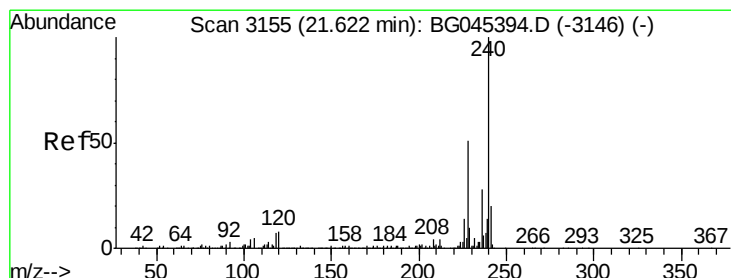
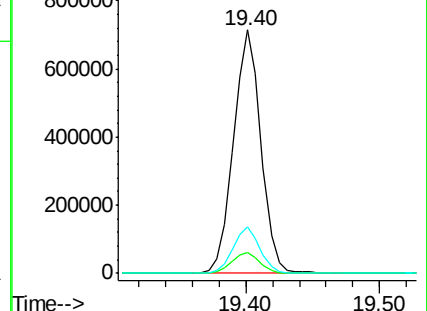
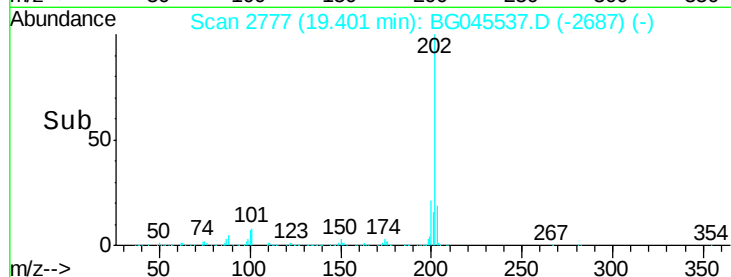
203 19.2 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

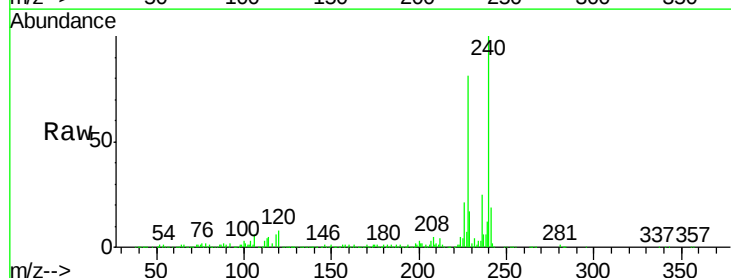
Tgt Ion:240 Resp: 433556

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

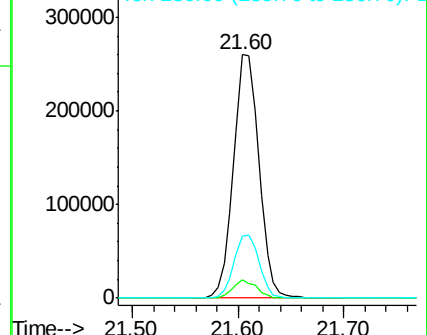
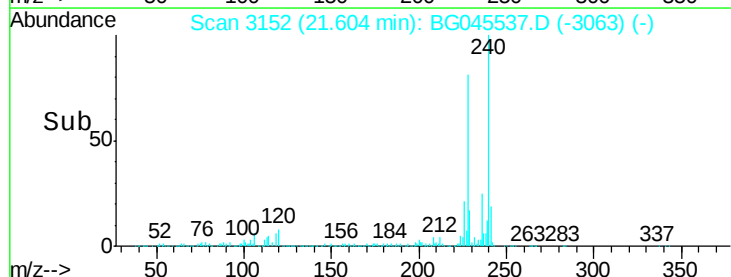
236 25.2 22.3 33.5

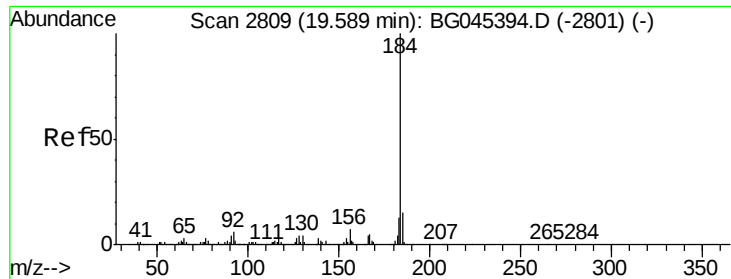


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.161 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

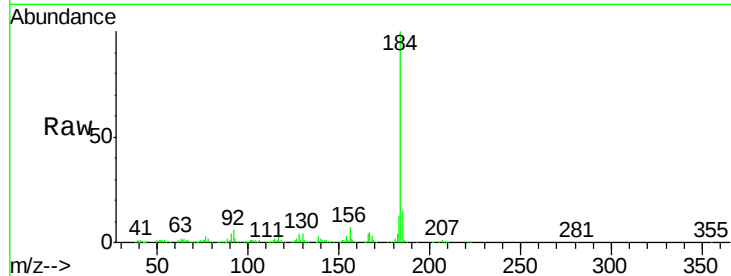
Tot Ion:184 Resp: 367259

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

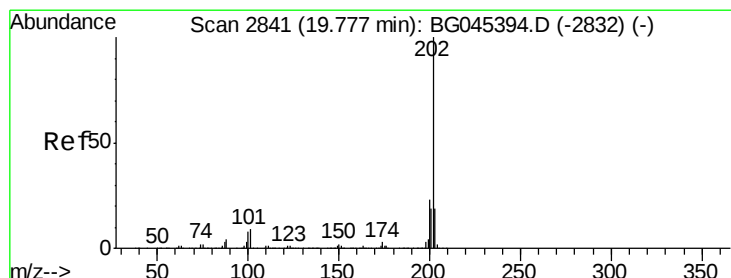
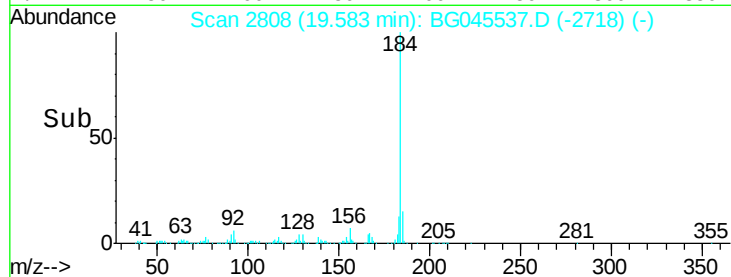
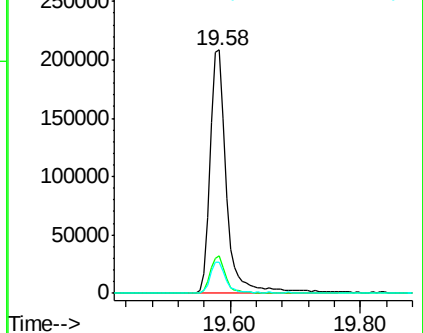
183 12.8 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.658 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

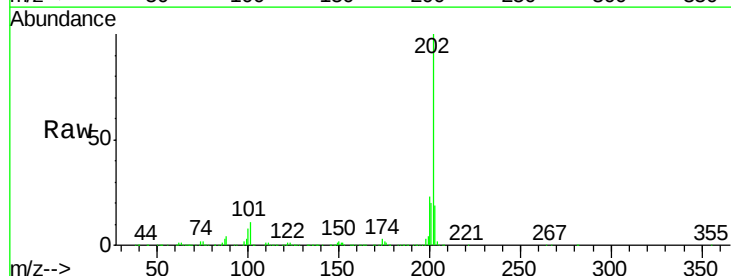
Tgt Ion:202 Resp: 1029556

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

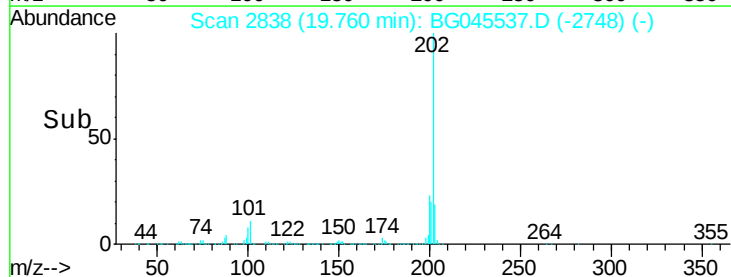
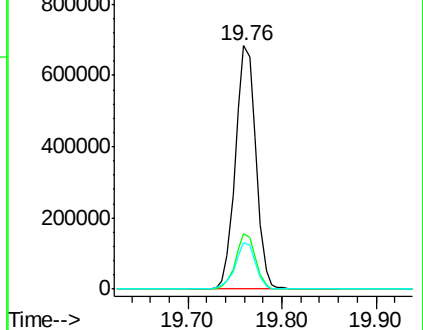
203 19.1 15.1 22.7

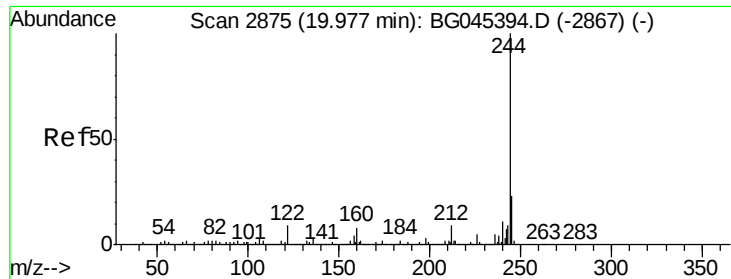


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.905 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

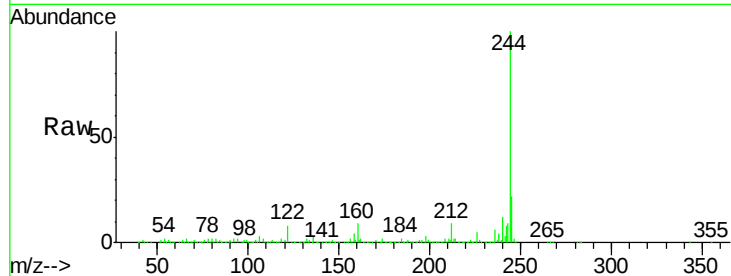
Tot Ion:244 Resp: 1578314

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

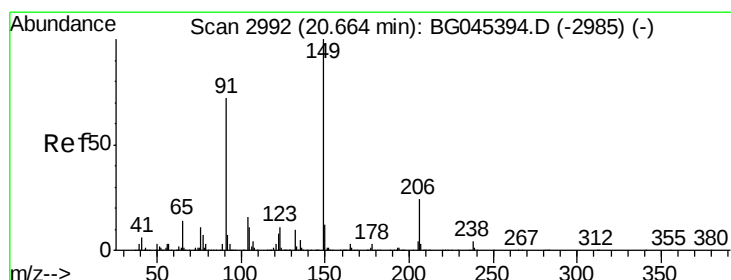
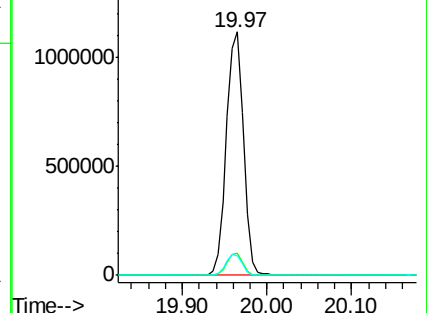
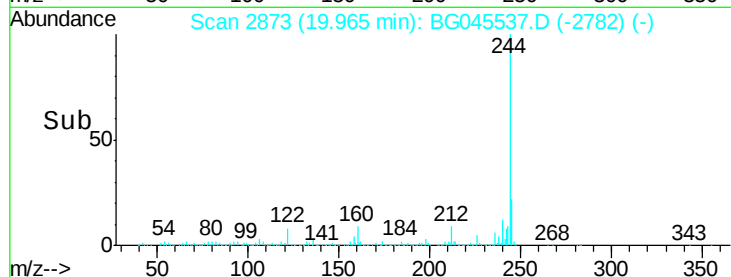
122 8.0 6.8 10.2



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: 38.903 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

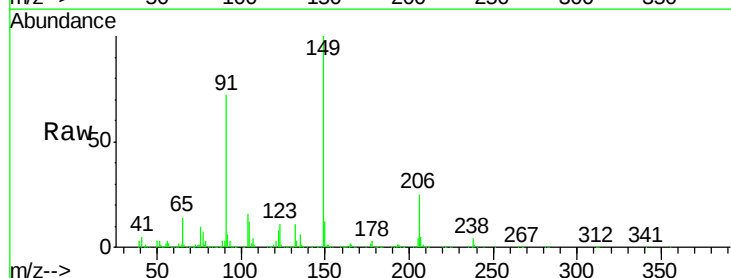
Tgt Ion:149 Resp: 415005

Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.6

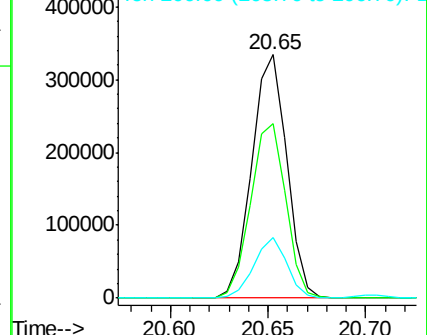
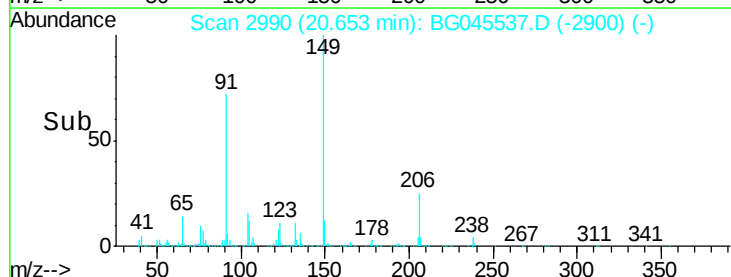
206 24.9 19.1 28.7

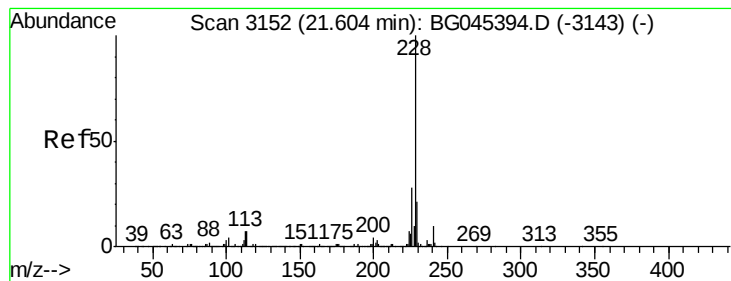


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.362 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

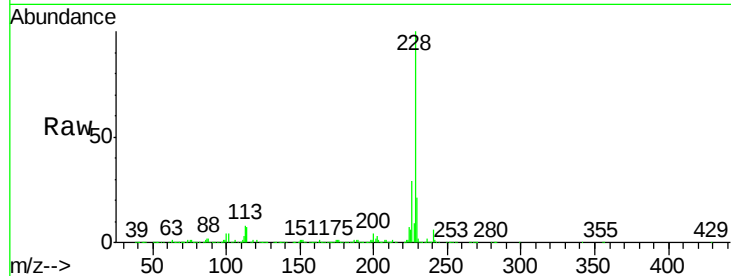
Tot Ion:228 Resp: 998974

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

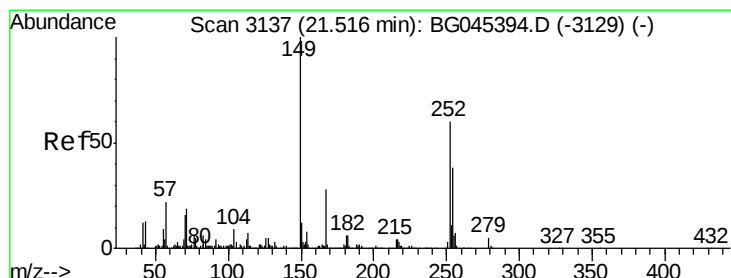
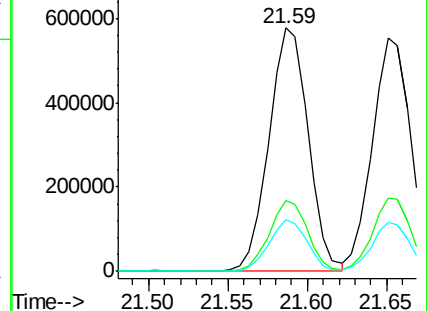
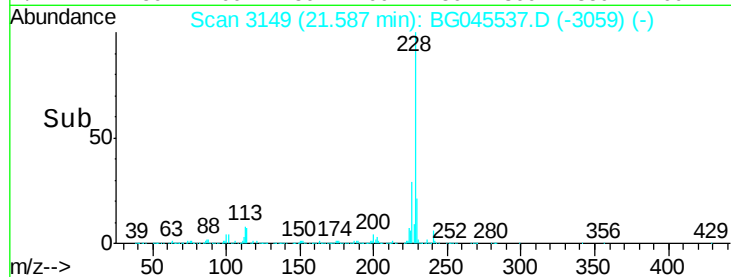
229 21.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.257 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

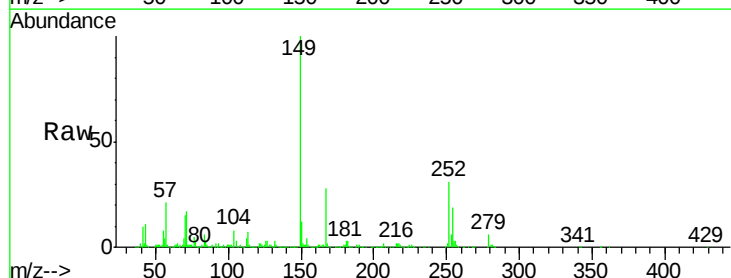
Tgt Ion:252 Resp: 210865

Ion Ratio Lower Upper

252 100

254 62.1 51.3 76.9

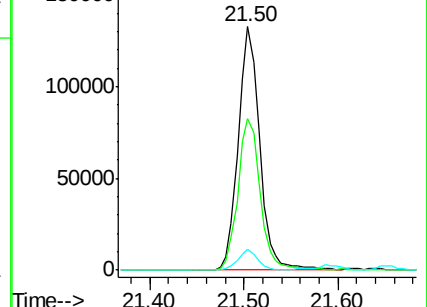
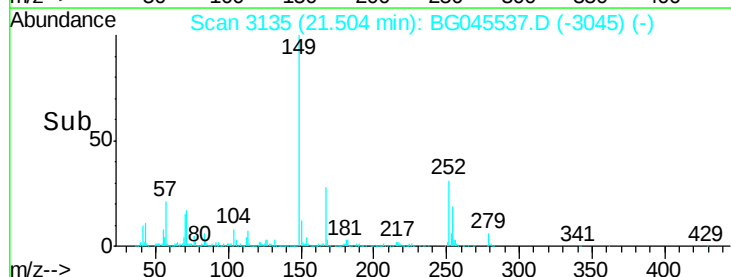
126 8.8 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.607 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

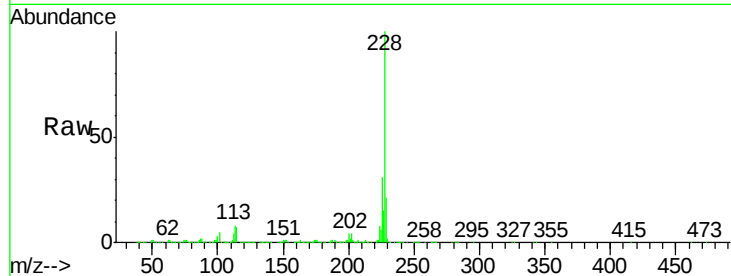
BNA_G

ClientSampleId :

PB129185BS

Tot Ion:228 Resp: 943030

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.9	16.7	25.1

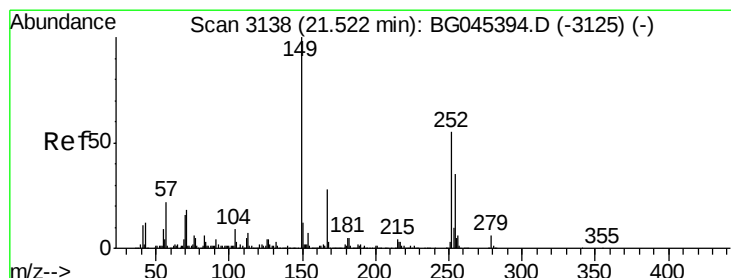
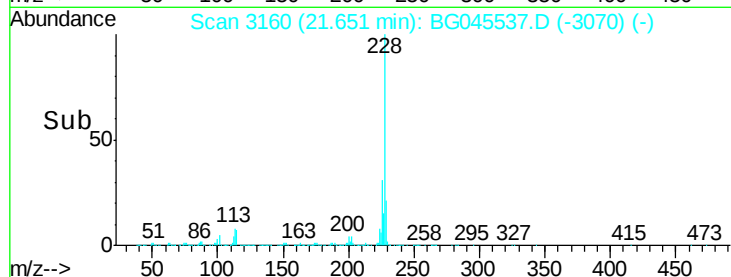
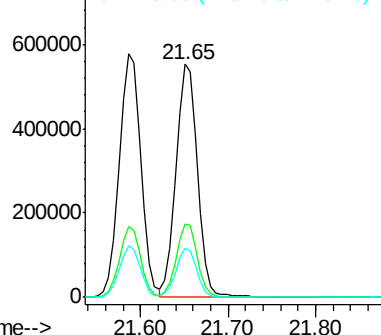


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.139 ng

RT: 21.50 min Scan# 3135

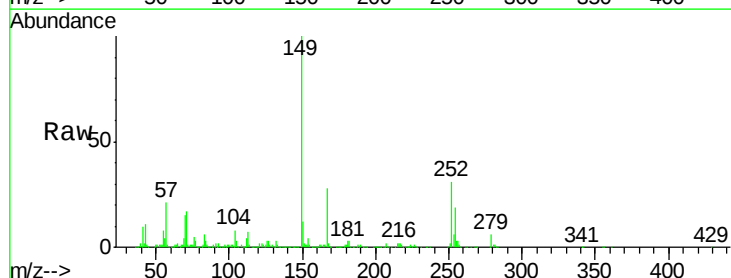
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:149 Resp: 588602

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.6	4.7	7.1

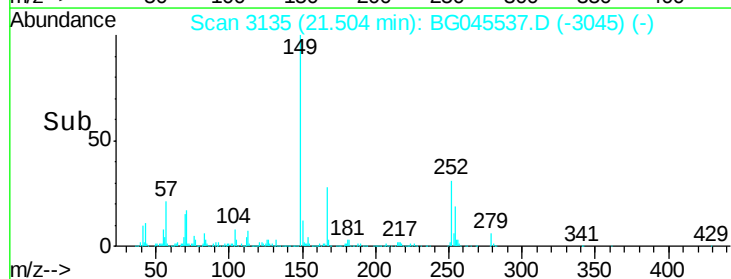
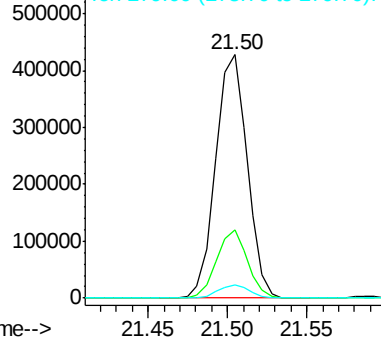


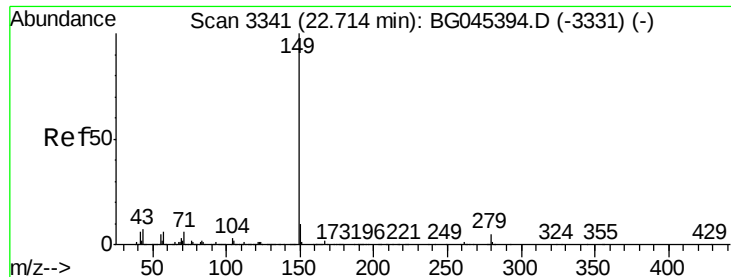
Abundance

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: 39.750 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

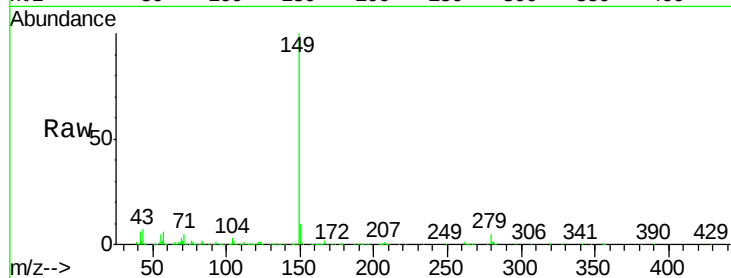
BNA_G

ClientSampleId :

PB129185BS

Tot Ion:149 Resp: 1001125

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.1	5.8	8.8

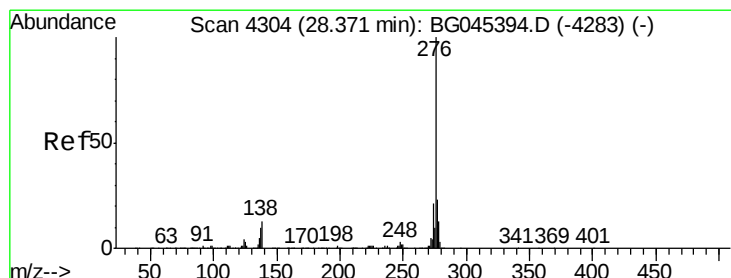
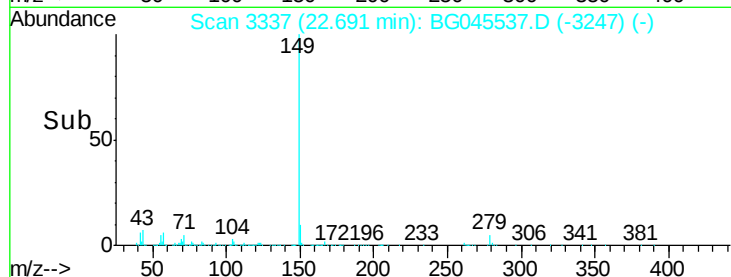
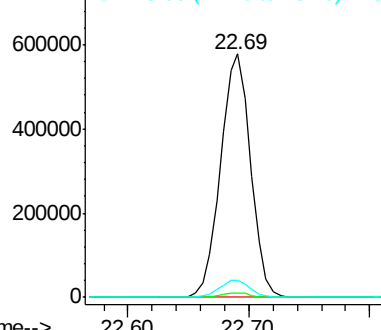


Abundance

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: 41.579 ng

RT: 28.34 min Scan# 4299

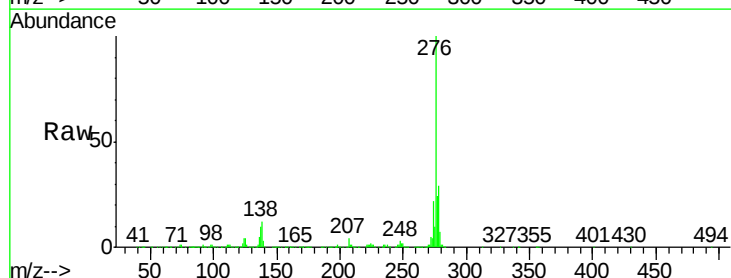
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:276 Resp: 1262671

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.6	12.8#
277	26.2	20.2	30.4

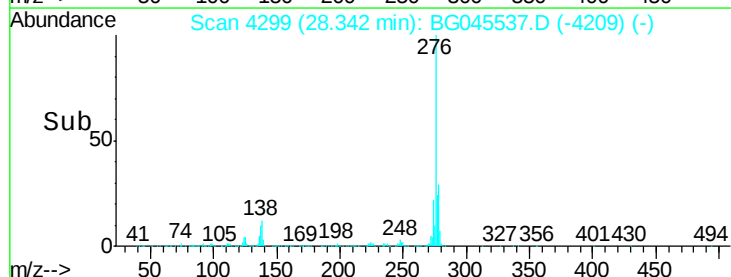
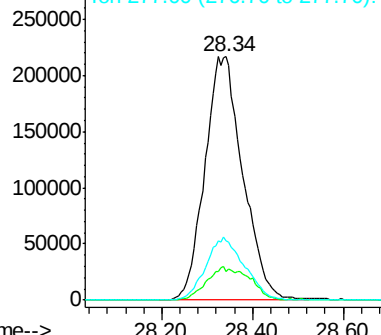


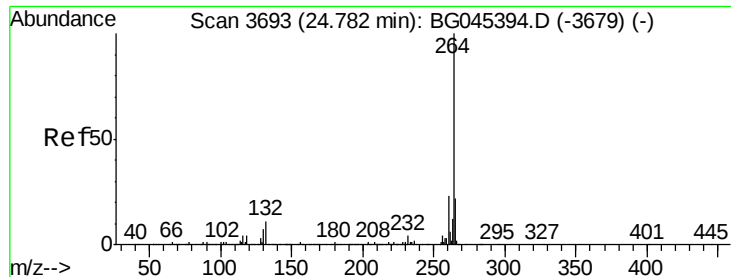
Abundance

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: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

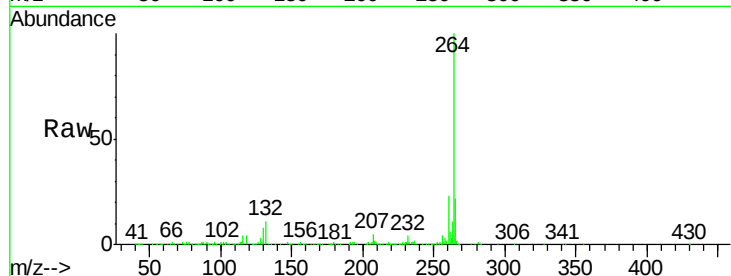
Tot Ion:264 Resp: 489260

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

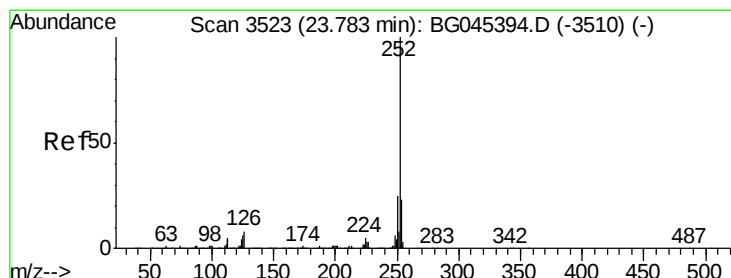
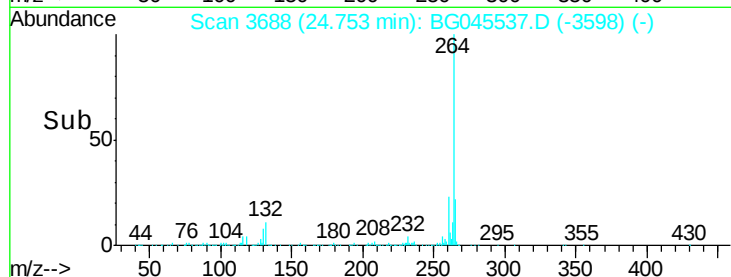
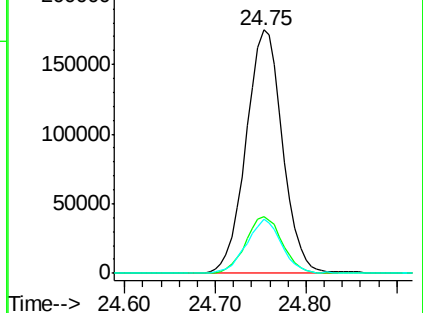
265 22.2 17.6 26.4



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: 39.872 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

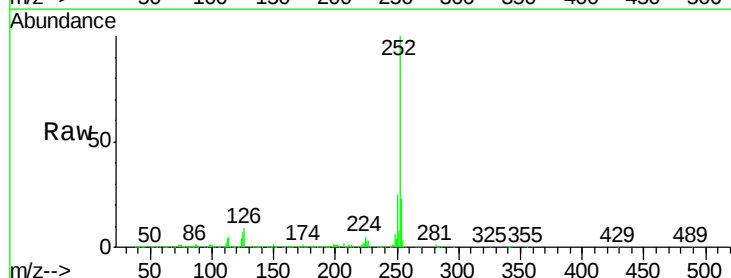
Tgt Ion:252 Resp: 1046220

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

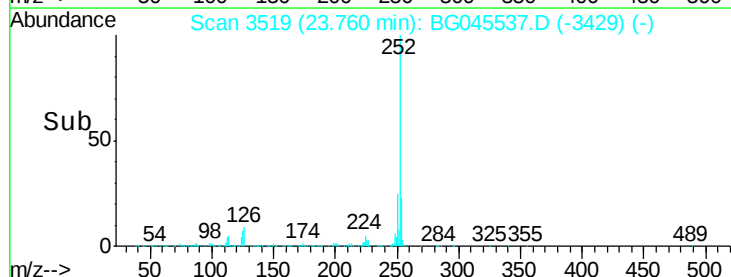
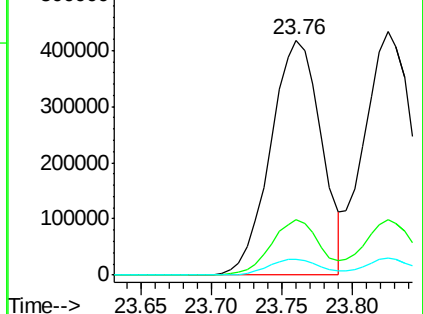
125 6.8 5.0 7.6

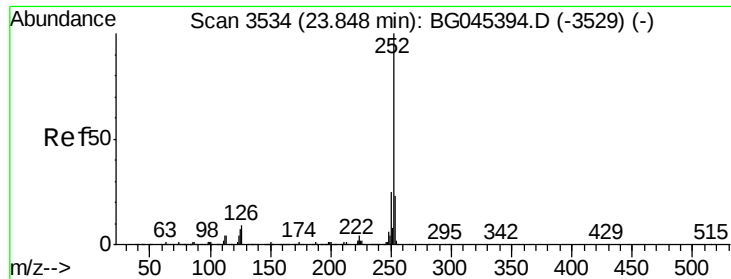


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.054 ng

RT: 23.82 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

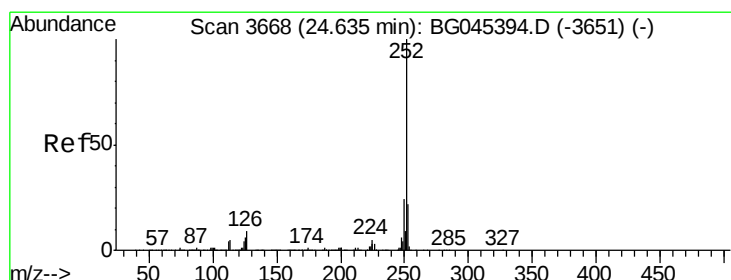
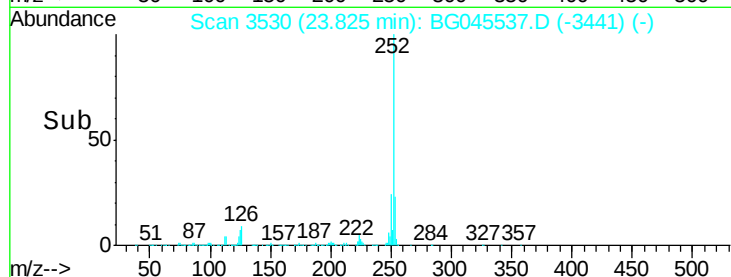
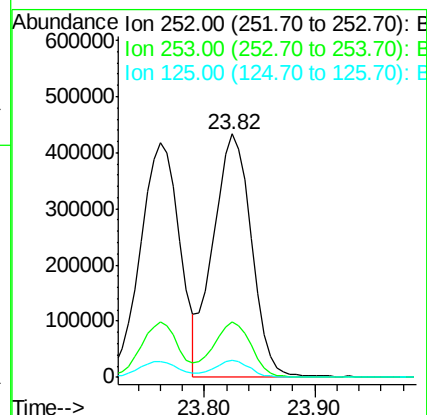
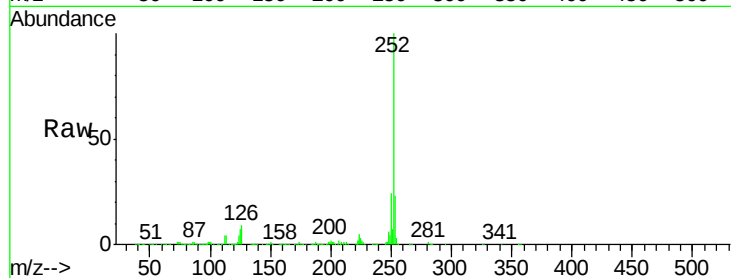
Tot Ion:252 Resp: 1036704

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 7.2 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.262 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

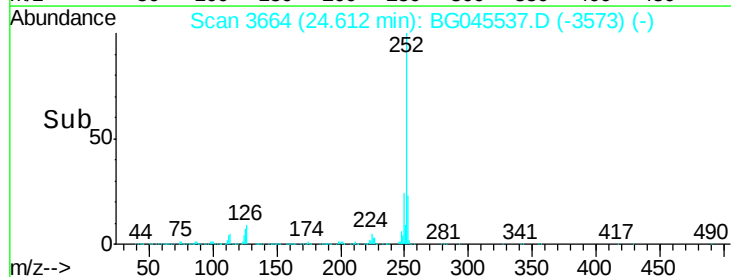
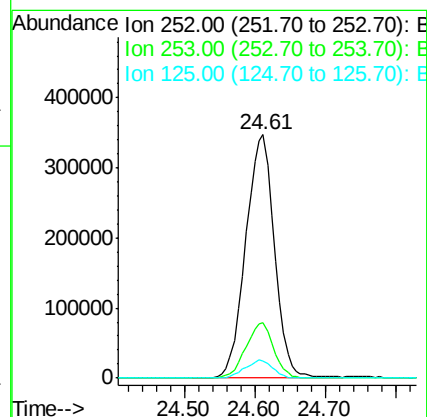
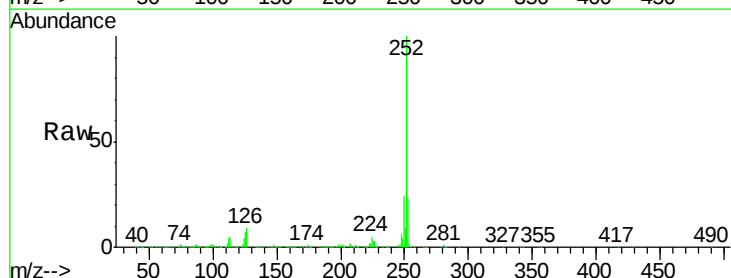
Tgt Ion:252 Resp: 983911

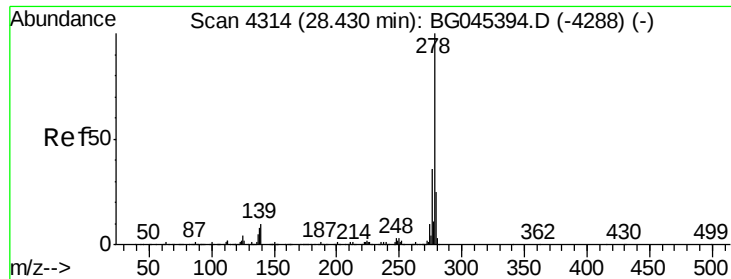
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 6.9 5.0 7.6

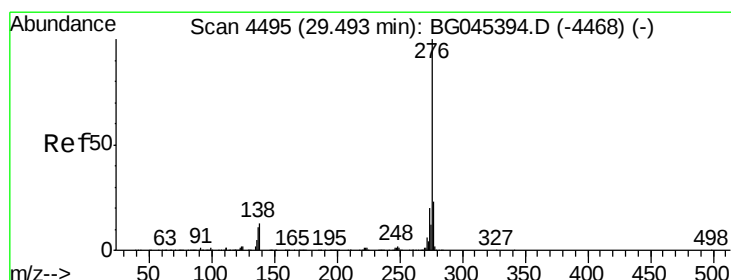
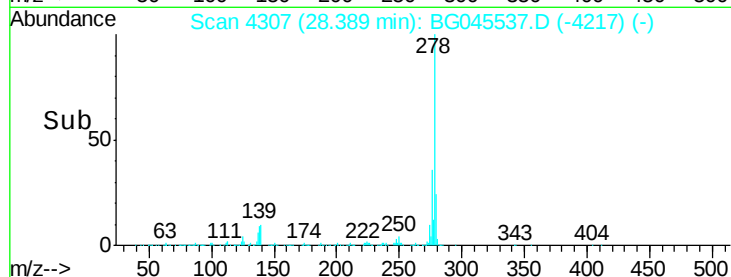
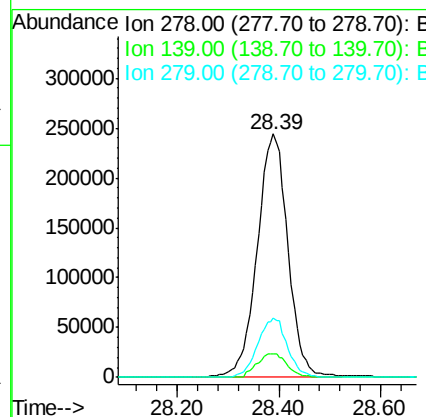
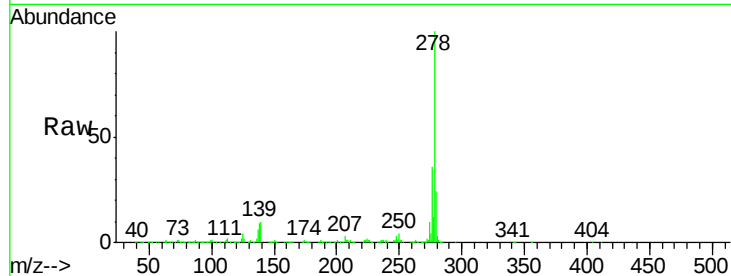




#91
Dibenzo(a,h)anthracene
Concen: 41.710 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tot Ion:278 Resp: 1024301
Ion Ratio Lower Upper
278 100
139 9.8 7.8 11.8
279 24.5 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.524 ng
RT: 29.44 min Scan# 4486
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion:276 Resp: 1044405
Ion Ratio Lower Upper
276 100
277 22.9 18.1 27.1
138 12.5 10.2 15.4

