

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045661.D
 Acq On : 9 Jun 2020 13:06
 Operator : CG/JU
 Sample : PB129377BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

Quant Time: Jun 09 14:11:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63018	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	248271	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	178579	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	427079	20.00	ng	0.00
76) Chrysene-d12	21.60	240	396895	20.00	ng	0.00
87) Perylene-d12	24.74	264	427846	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	460965	142.95	ng	0.00
7) Phenol-d6	7.14	99	637253	138.85	ng	0.00
23) Nitrobenzene-d5	9.11	82	416657	91.52	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	309559	135.54	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	935535	88.86	ng	0.00
79) Terphenyl-d14	19.96	244	1564645	91.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	58239	36.421	ng	# 90
3) Pyridine	3.80	79	136023	30.543	ng	97
4) n-Nitrosodimethylamine	3.72	42	64118	43.998	ng	98
6) Aniline	7.28	93	185083	30.892	ng	99
8) 2-Chlorophenol	7.52	128	165135	46.699	ng	99
9) Benzaldehyde	7.08	77	101829	34.054	ng	96
10) Phenol	7.17	94	217266	45.932	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	151399	41.035	ng	96
12) 1,3-Dichlorobenzene	7.84	146	175120	41.210	ng	100
13) 1,4-Dichlorobenzene	7.98	146	178933	42.668	ng	98
14) 1,2-Dichlorobenzene	8.30	146	165267	40.974	ng	98
15) Benzyl Alcohol	8.19	79	169874	44.805	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	143558	40.991	ng	97
17) 2-Methylphenol	8.42	107	148170	41.850	ng	96
18) Hexachloroethane	9.03	117	68070	42.381	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	135434	42.673	ng	95
20) 3+4-Methylphenols	8.74	107	199210	41.319	ng	95
22) Acetophenone	8.77	105	247598	42.078	ng	# 96
24) Nitrobenzene	9.16	77	209006	42.848	ng	96
25) Isophorone	9.68	82	373737	41.683	ng	99
26) 2-Nitrophenol	9.87	139	93819	44.961	ng	97
27) 2,4-Dimethylphenol	9.94	122	152783	49.367	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	204313	43.451	ng	99
29) 2,4-Dichlorophenol	10.42	162	167650	45.873	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	189127	43.795	ng	99
31) Naphthalene	10.81	128	498142	43.057	ng	99
32) Benzoic acid	10.12	122	80299	40.206	ng	92
33) 4-Chloroaniline	10.91	127	93150	19.262	ng	97
34) Hexachlorobutadiene	11.09	225	130637	42.795	ng	96
35) Caprolactam	11.69	113	38227	28.497	ng	# 85
36) 4-Chloro-3-methylphenol	12.06	107	195237	47.409	ng	99
37) 2-Methylnaphthalene	12.42	142	381871	44.285	ng	97
38) 1-Methylnaphthalene	12.42	142	381871	46.881	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	218357	43.777	ng	99

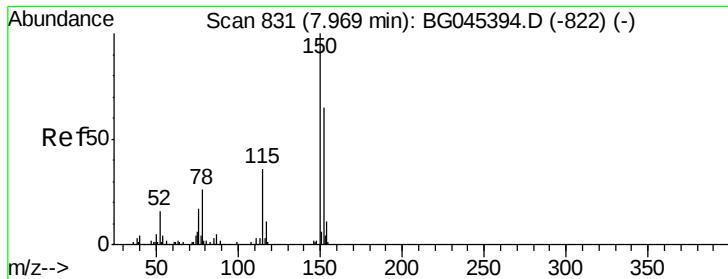
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	262472	91.168	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	151729	43.789	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	158265	39.970	nq	98
46) 1,1'-Biphenyl	13.42	154	495426	45.150	nq	98
47) 2-Chloronaphthalene	13.47	162	379539	42.595	nq	99
48) 2-Nitroaniline	13.67	65	127888	43.633	nq	99
49) Acenaphthylene	14.31	152	631469	44.121	nq	99
50) Dimethylphthalate	14.05	163	514001	41.958	nq	98
51) 2,6-Dinitrotoluene	14.17	165	119600	43.266	nq	99
52) Acenaphthene	14.65	154	373764	39.014	nq	98
53) 3-Nitroaniline	14.50	138	71906	25.589	nq	97
54) 2,4-Dinitrophenol	14.71	184	129882	72.291	nq	97
55) Dibenzofuran	14.99	168	615145	43.238	nq	97
56) 4-Nitrophenol	14.84	139	158033	74.282	nq	81
57) 2,4-Dinitrotoluene	14.96	165	166954	41.703	nq	99
58) Fluorene	15.64	166	509818	43.618	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	150109	43.091	nq	99
60) Diethylphthalate	15.41	149	534759	41.940	nq	97
61) 4-Chlorophenyl-phenylether	15.64	204	284986	42.609	nq	99
62) 4-Nitroaniline	15.67	138	115212	39.274	nq	99
63) Azobenzene	15.93	77	522616	43.957	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	105550	42.436	nq	94
66) n-Nitrosodiphenylamine	15.85	169	451486	44.030	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	197015	42.602	nq	98
68) Hexachlorobenzene	16.65	284	217179	44.900	nq	97
69) Atrazine	16.80	200	175588	41.573	nq	97
70) Pentachlorophenol	17.00	266	207901	82.779	nq	98
71) Phenanthrene	17.39	178	820195	43.992	nq	100
72) Anthracene	17.47	178	845825	45.175	nq	99
73) Carbazole	17.74	167	762411	41.774	nq	99
74) Di-n-butylphthalate	18.30	149	917145	41.868	nq	99
75) Fluoranthene	19.39	202	1009143	42.554	nq	100
77) Benzidine	19.58	184	381222	34.200	nq	99
78) Pyrene	19.76	202	995604	44.005	nq	100
80) Butylbenzylphthalate	20.65	149	402618	41.228	nq	98
81) Benzo(a)anthracene	21.58	228	969044	43.829	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	254138	29.303	nq	98
83) Chrysene	21.64	228	921733	43.357	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	568942	42.382	nq	99
85) Di-n-octyl phthalate	22.68	149	954636	41.405	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1187711	42.723	nq	# 96
88) Benzo(b)fluoranthene	23.75	252	1020043	44.454	nq	99
89) Benzo(k)fluoranthene	23.82	252	996984	46.248	nq	98
90) Benzo(a)pyrene	24.60	252	938420	43.913	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	991145	46.154	nq	98
92) Benzo(g,h,i)perylene	29.43	276	981799	45.713	nq	97

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

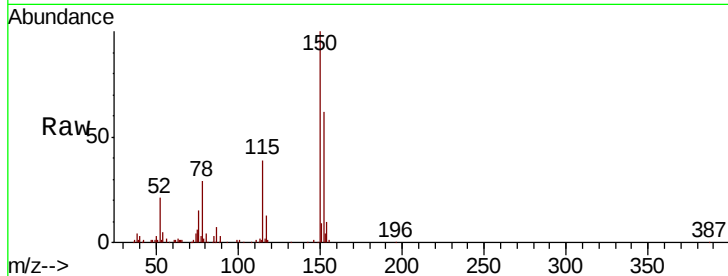


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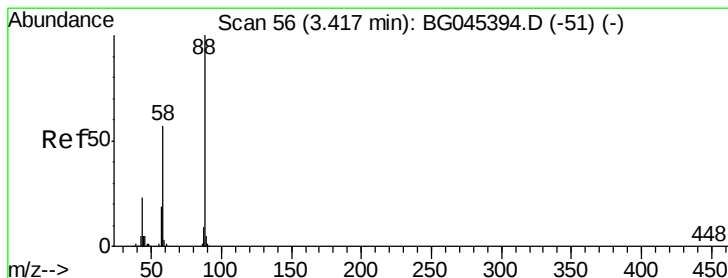
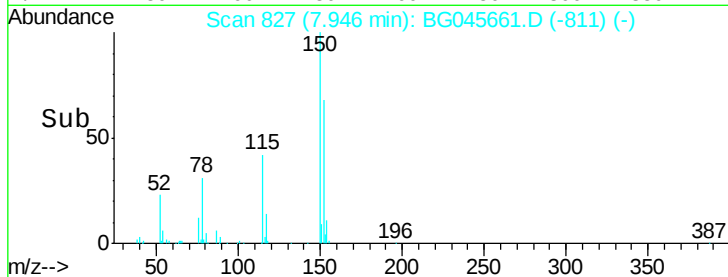
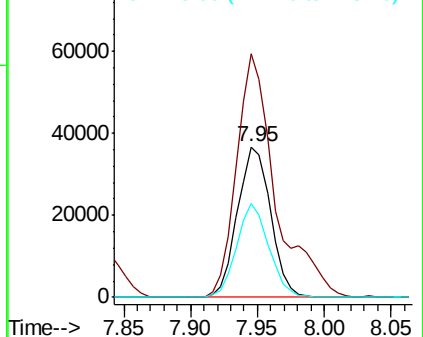
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	122.4	183.6
115	62.7	44.2	66.4



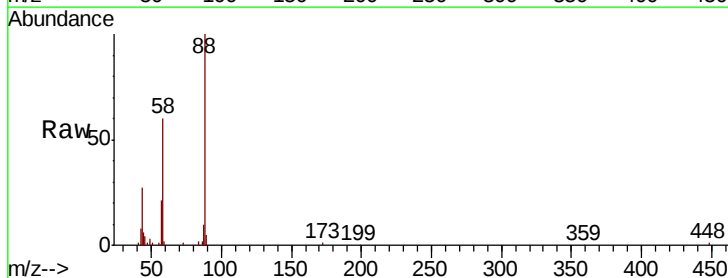
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



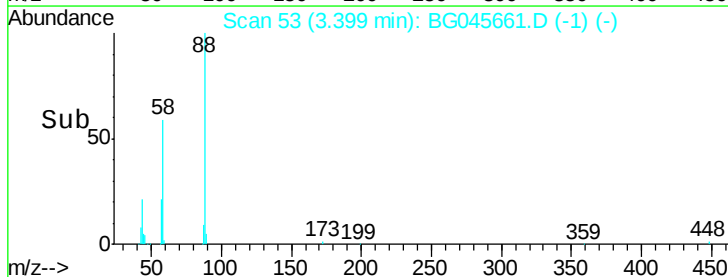
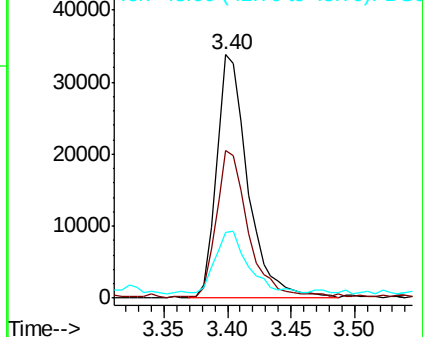
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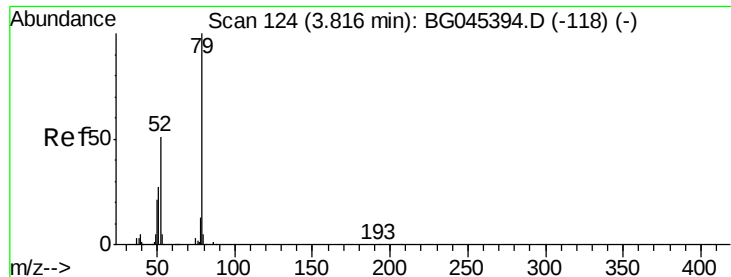
1,4-Dioxane
Concen: 36.421 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	45.7	68.5
43	27.7	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: 30.543 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

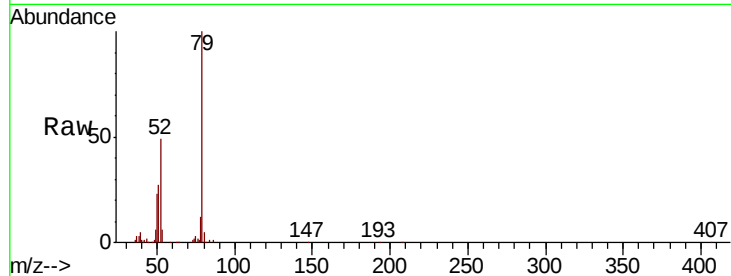
Tot Ion: 79 Resp: 136023

Ion Ratio Lower Upper

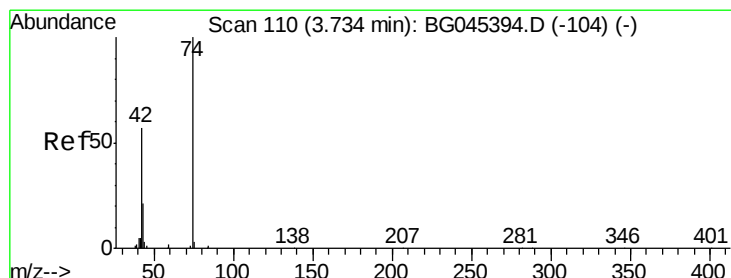
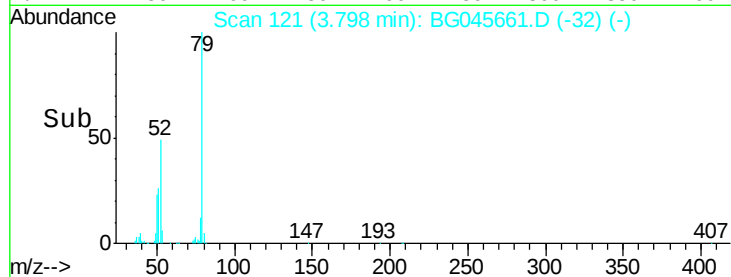
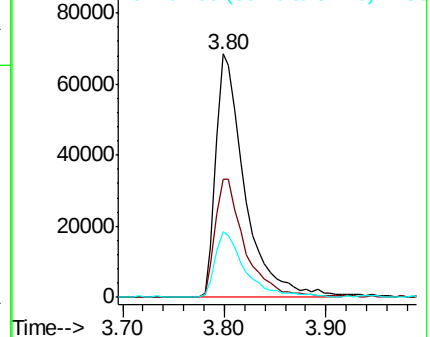
79 100

52 48.7 40.8 61.2

51 26.8 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: 43.998 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

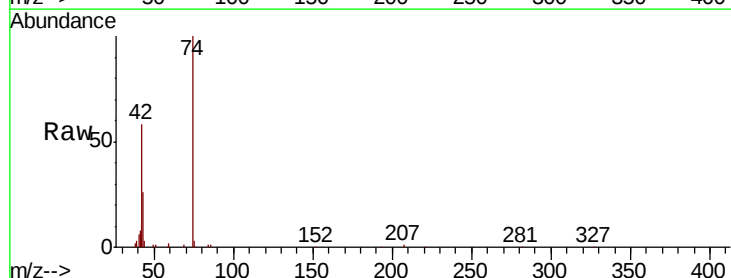
Tgt Ion: 42 Resp: 64118

Ion Ratio Lower Upper

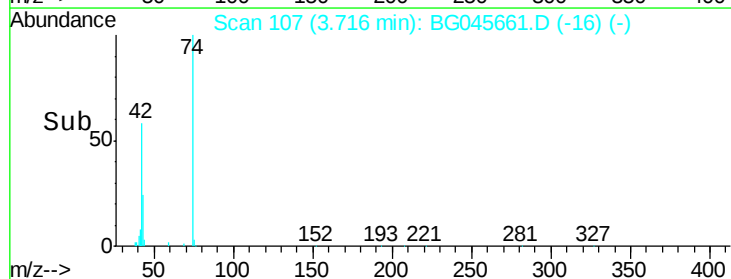
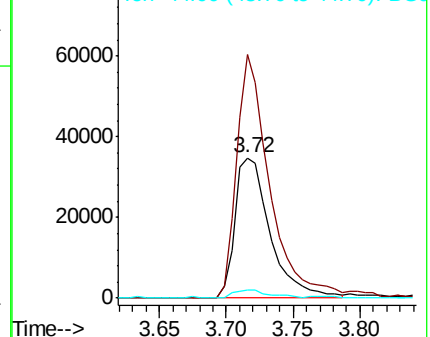
42 100

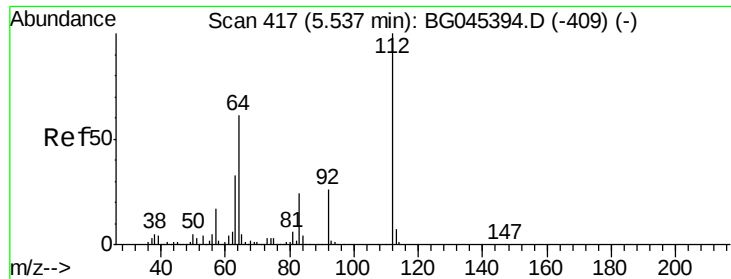
74 173.2 141.3 211.9

44 5.7 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: 142.953 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

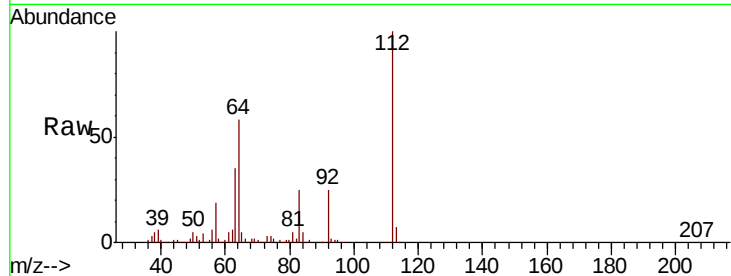
Tot Ion:112 Resp: 460965

Ion Ratio Lower Upper

112 100

64 58.3 48.6 72.8

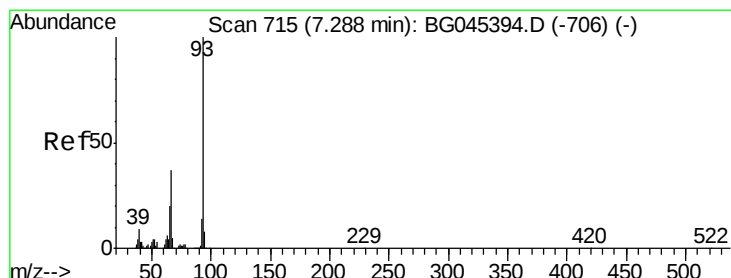
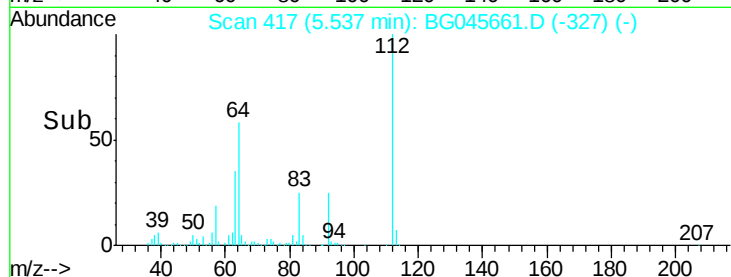
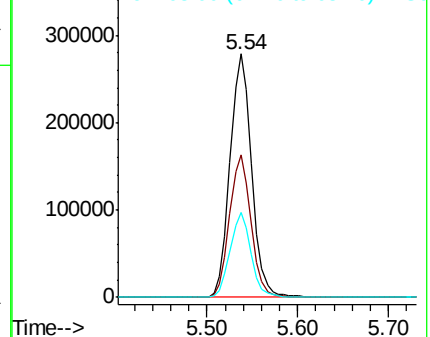
63 34.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.892 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

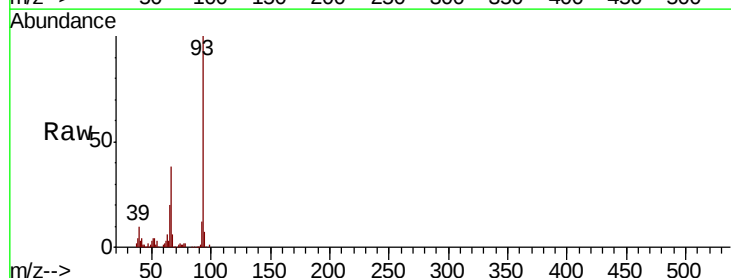
Tgt Ion: 93 Resp: 185083

Ion Ratio Lower Upper

93 100

66 38.2 29.6 44.4

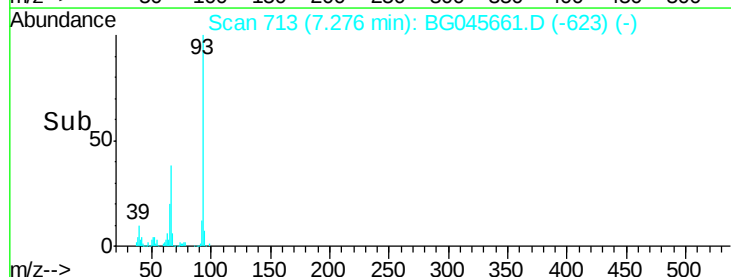
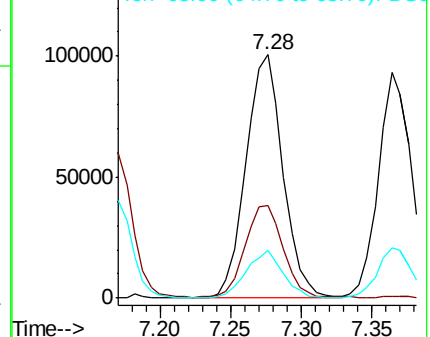
65 19.7 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.849 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

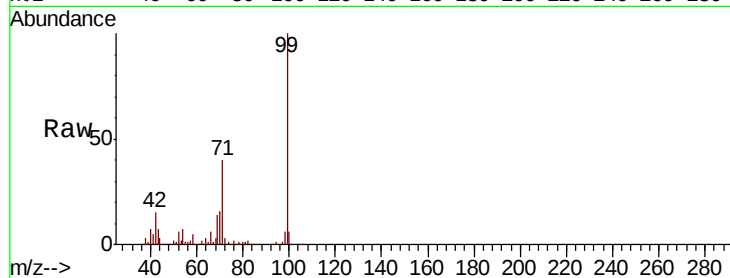
BNA_G

ClientSampleId :

PB129377BS

Tot Ion: 99 Resp: 637253

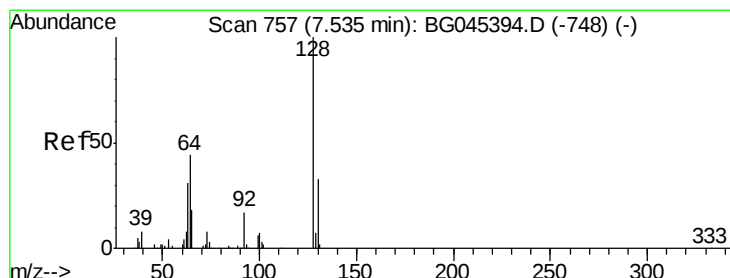
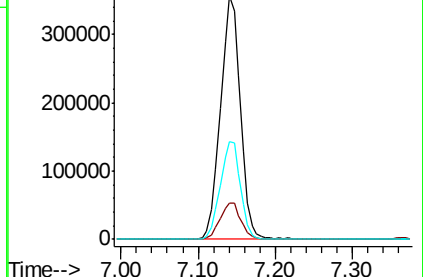
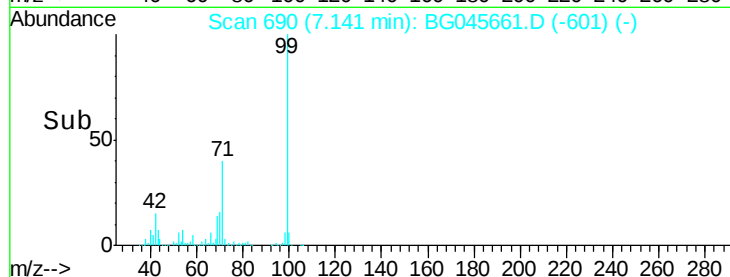
Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.3	16.9
71	40.2	30.8	46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.699 ng

RT: 7.52 min Scan# 755

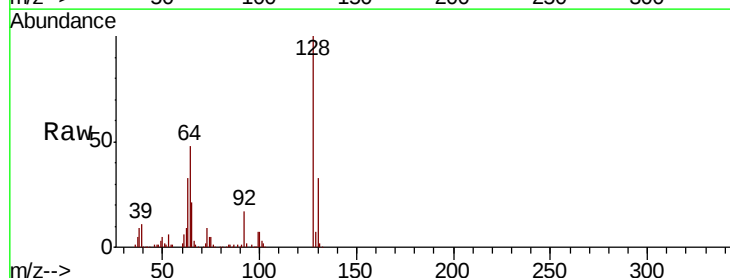
Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Tgt Ion: 128 Resp: 165135

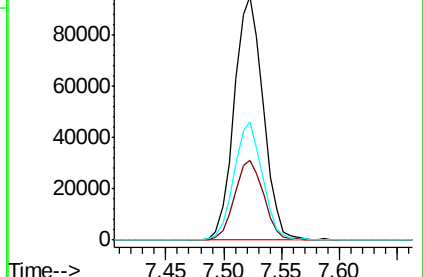
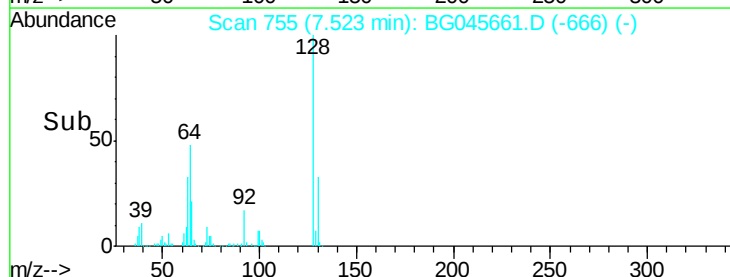
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	48.4	27.0	67.0

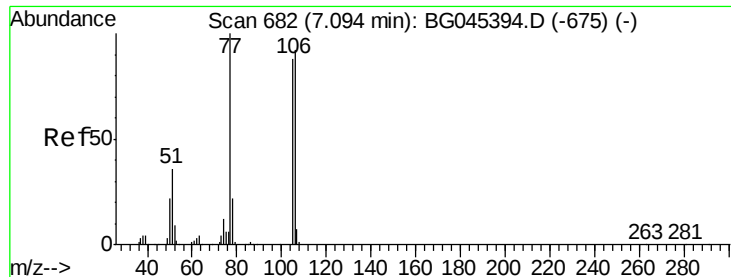


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.054 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

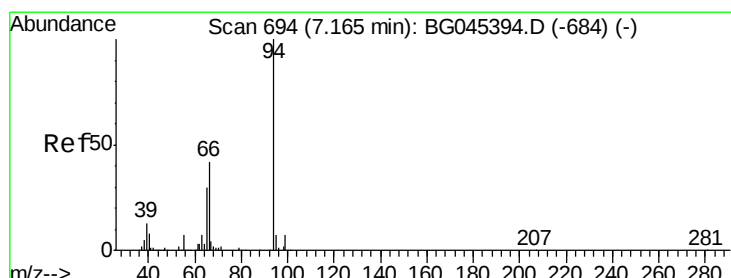
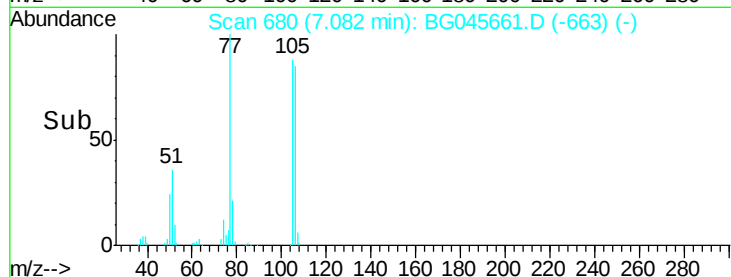
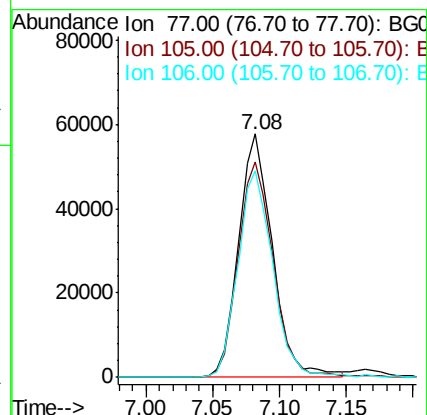
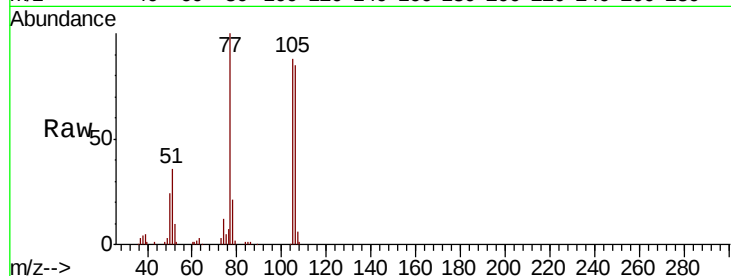
Tot Ion: 77 Resp: 101829

Ion Ratio Lower Upper

77 100

105 88.3 68.5 108.5

106 84.6 71.6 111.6



#10

Phenol

Concen: 45.932 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

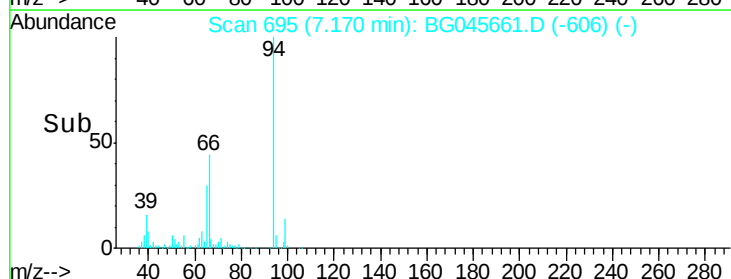
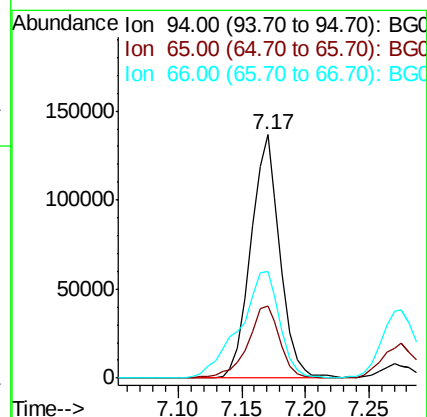
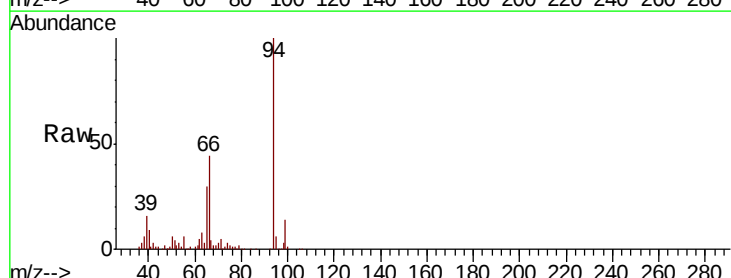
Tgt Ion: 94 Resp: 217266

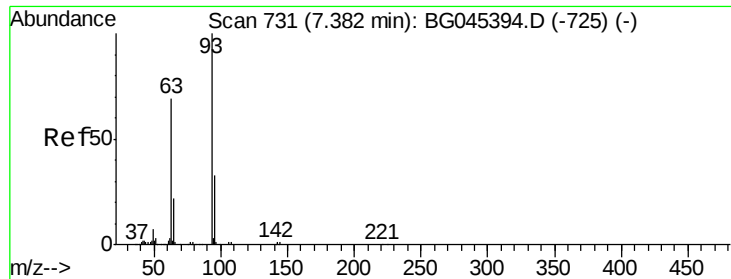
Ion Ratio Lower Upper

94 100

65 29.7 9.8 49.8

66 43.7 22.0 62.0

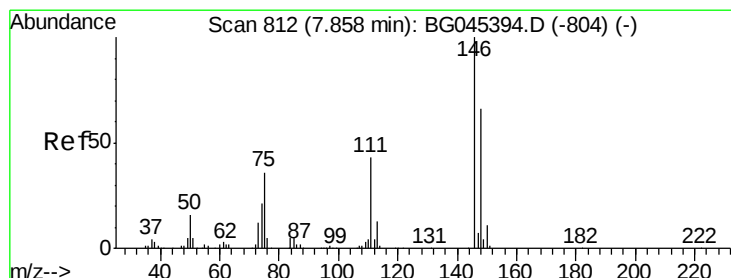
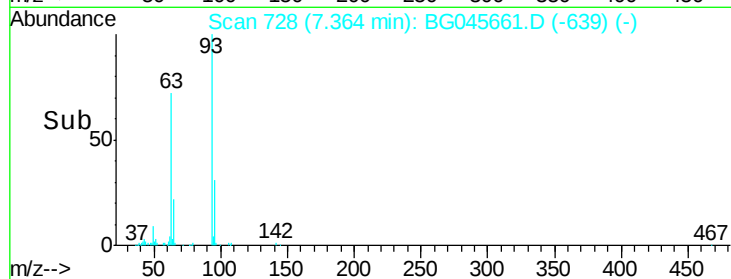
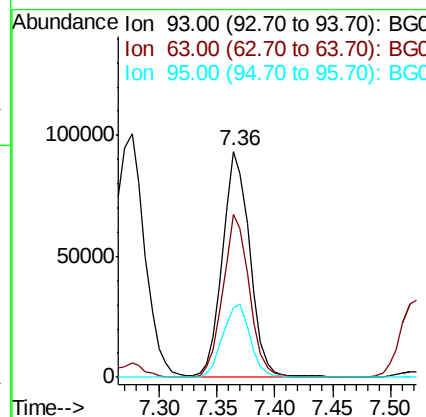
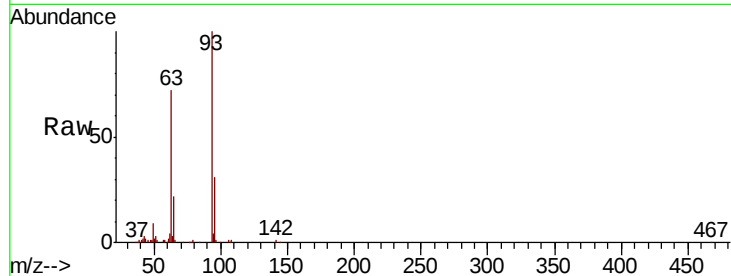




#11
bis(2-Chloroethyl)ether
Concen: 41.035 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

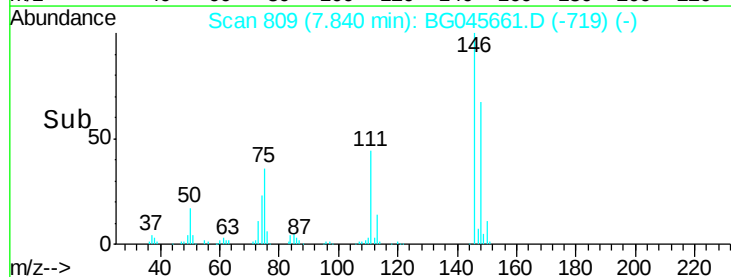
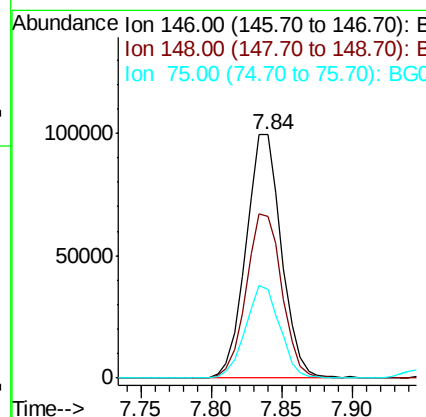
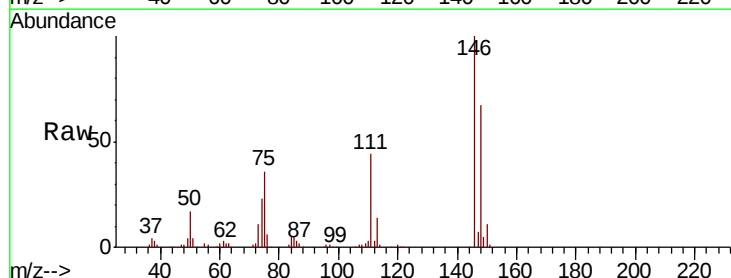
Instrument :
BNA_G
ClientSampleId :
PB129377BS

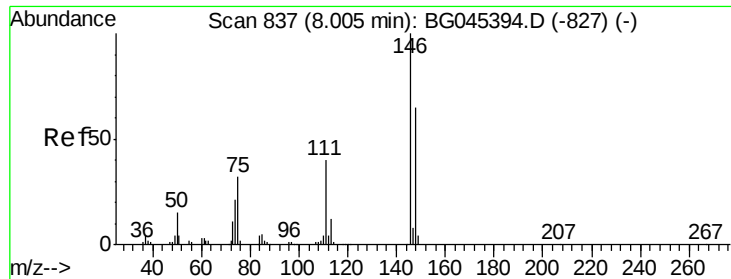
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	48.4	88.4
95	30.6	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.210 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	36.3	28.6	43.0

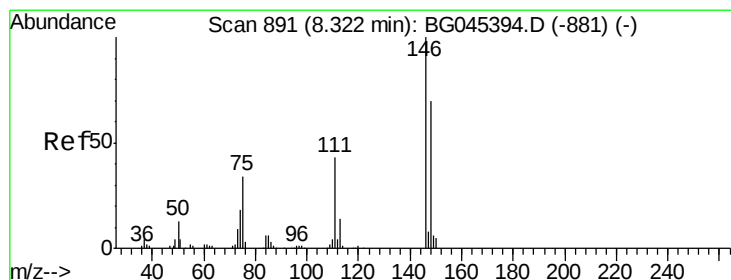
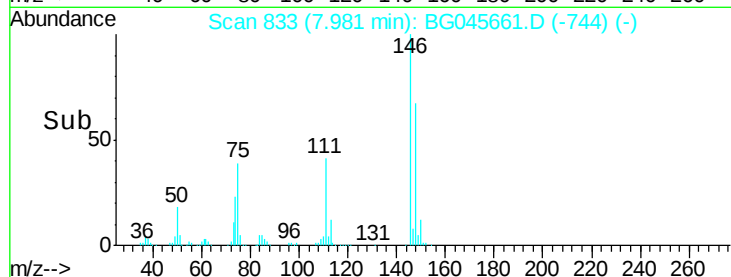
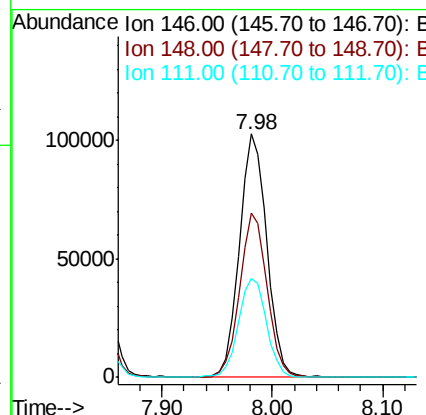
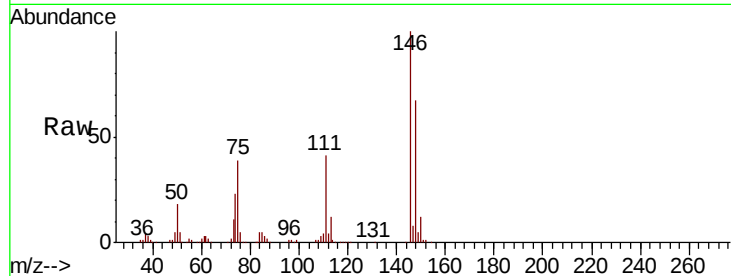




#13
 1,4-Dichlorobenzene
 Concen: 42.668 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

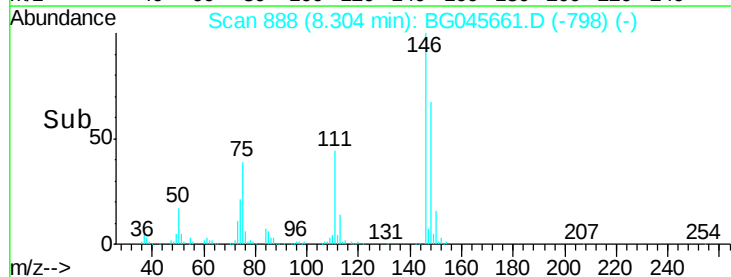
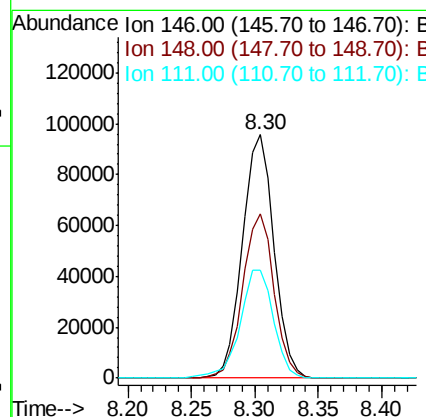
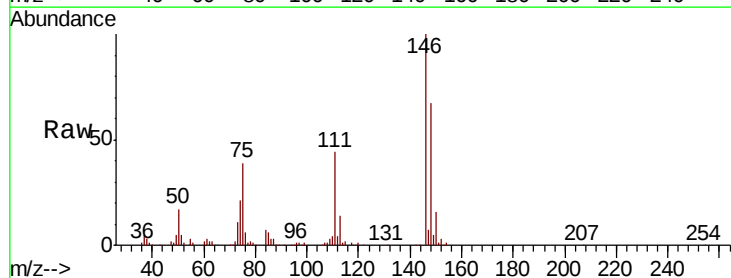
Instrument :
 BNA_G
 ClientSampleID :
 PB129377BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
111	40.8	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 40.974 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	55.9	83.9
111	44.2	35.0	52.4

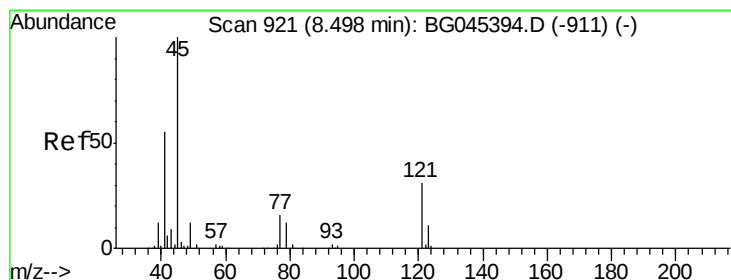
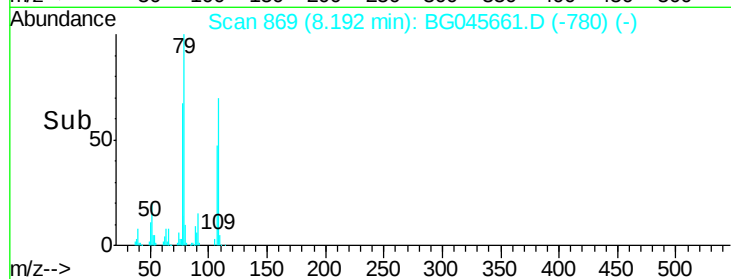
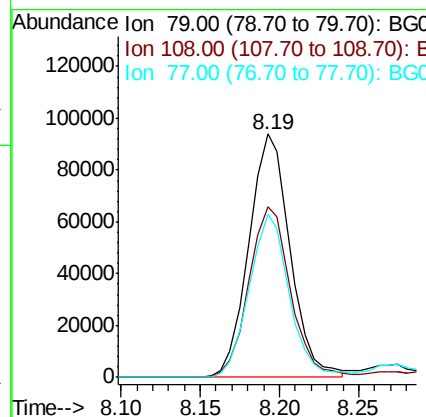
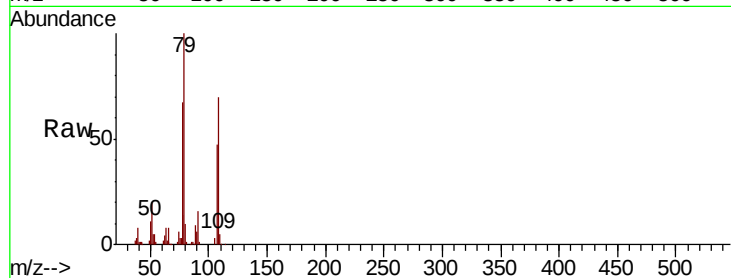




#15
Benzyl Alcohol
Concen: 44.805 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

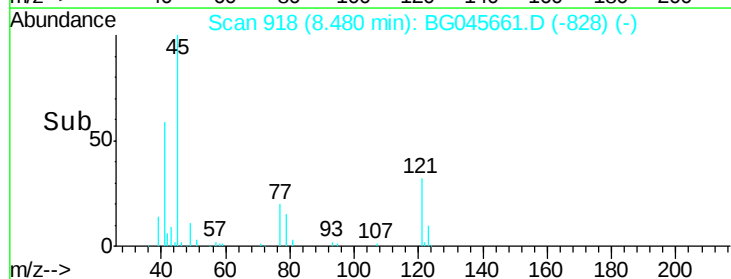
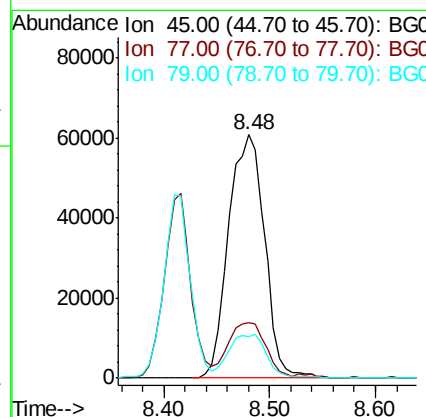
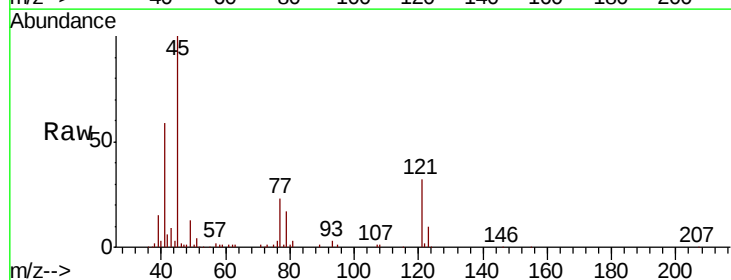
Instrument :
BNA_G
ClientSampleId :
PB129377BS

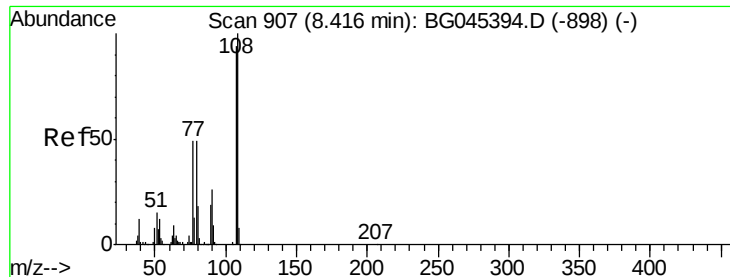
Tot Ion: 79 Resp: 169874
Ion Ratio Lower Upper
79 100
108 70.0 58.2 87.4
77 67.1 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.991 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion: 45 Resp: 143558
Ion Ratio Lower Upper
45 100
77 22.6 4.0 44.0
79 17.1 0.0 38.6





#17

2-Methylphenol

Concen: 41.850 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampled :

PB129377BS

Tot Ion:107 Resp: 148170

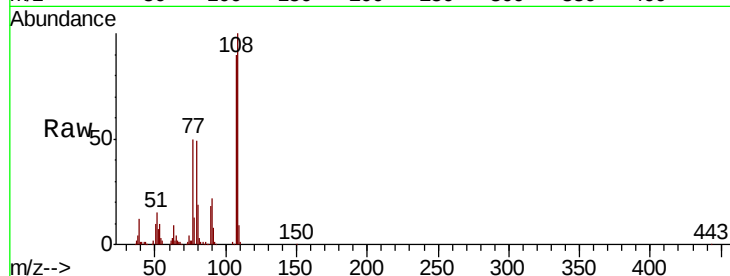
Ion Ratio Lower Upper

107 100

108 111.7 85.2 127.8

77 55.3 41.6 62.4

79 54.6 41.8 62.8

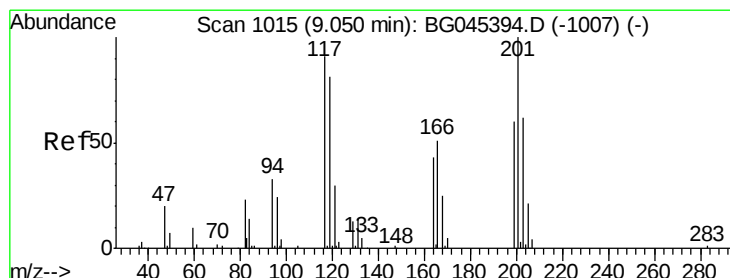
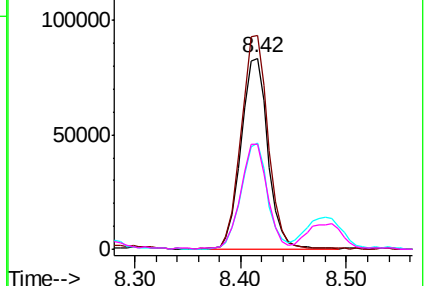
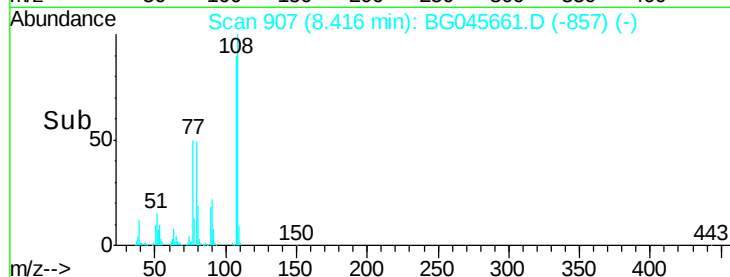


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.381 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

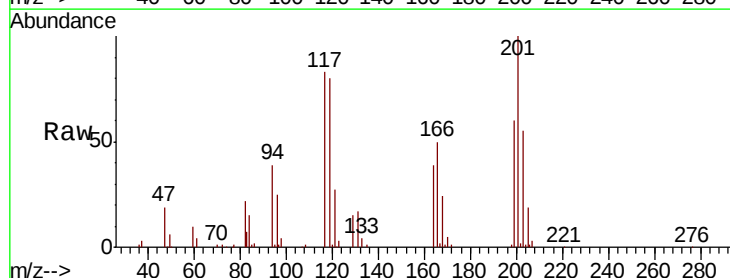
Tgt Ion:117 Resp: 68070

Ion Ratio Lower Upper

117 100

119 95.6 71.3 106.9

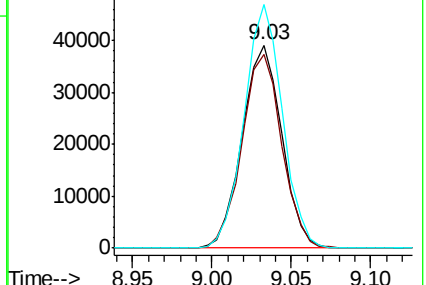
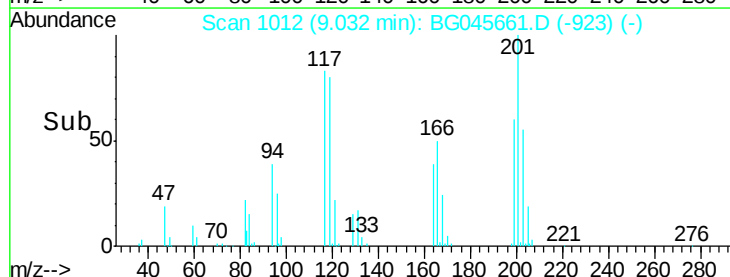
201 119.8 87.5 131.3

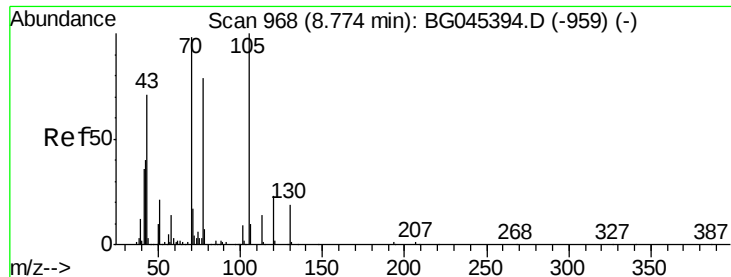


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

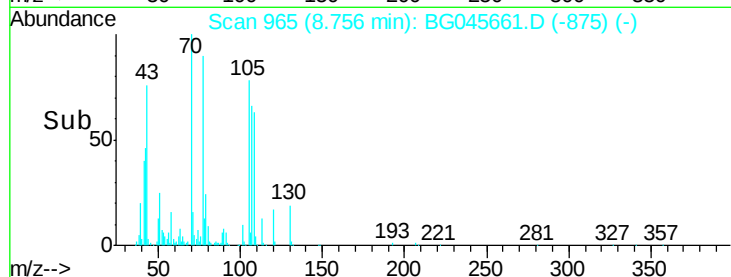
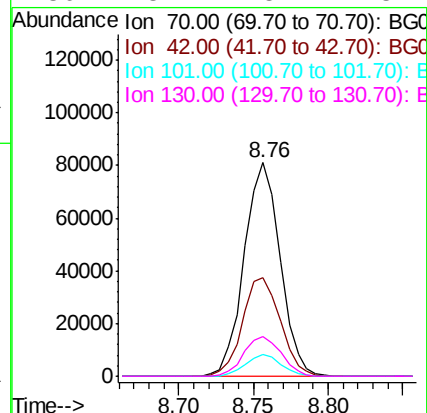
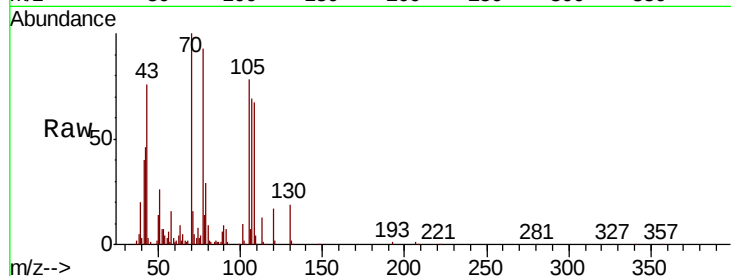




#19
n-Nitroso-di-n-propylamine
Concen: 42.673 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

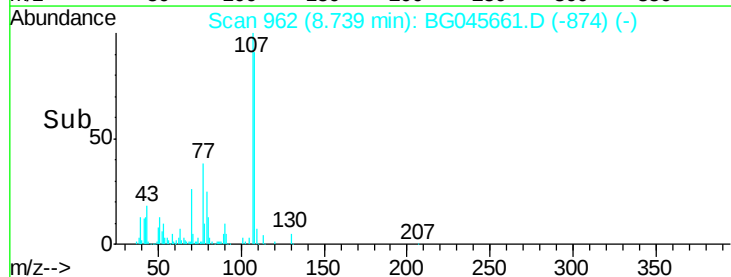
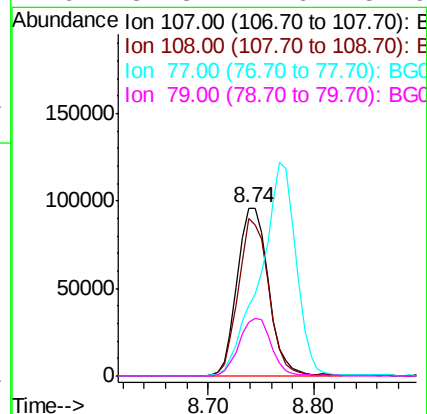
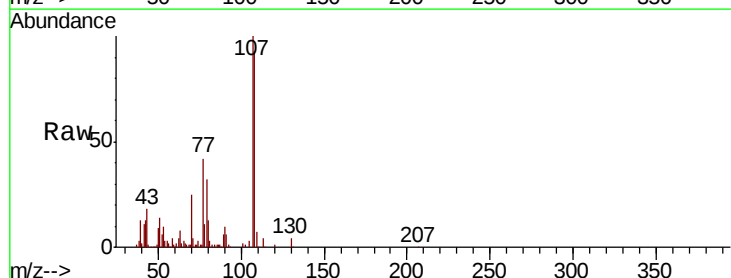
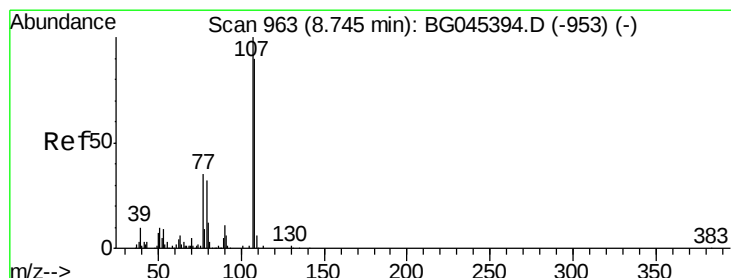
Instrument :
BNA_G
ClientSampleId :
PB129377BS

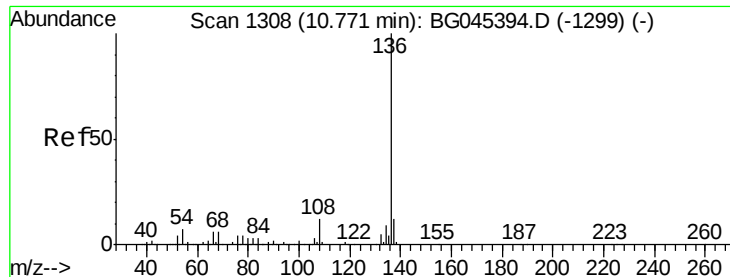
Tot Ion:	70	Resp:	135434
Ion	Ratio	Lower	Upper
70	100		
42	46.1	33.2	49.8
101	10.0	7.8	11.6
130	18.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 41.319 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:	107	Resp:	199210
Ion	Ratio	Lower	Upper
107	100		
108	93.5	70.3	110.3
77	41.9	15.4	55.4
79	31.8	12.6	52.6

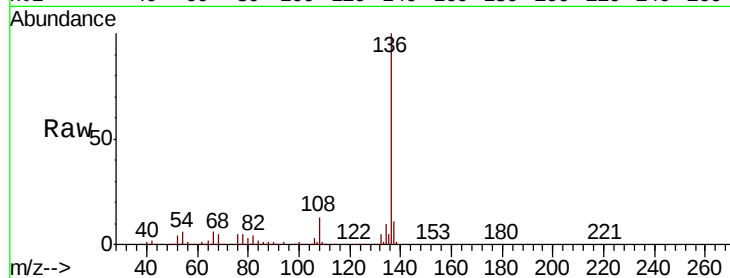




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:136	Resp: 248271
Ion Ratio	Lower Upper
136 100	
137 11.1	9.4 14.2
54 6.2	5.8 8.6
68 5.0	4.5 6.7



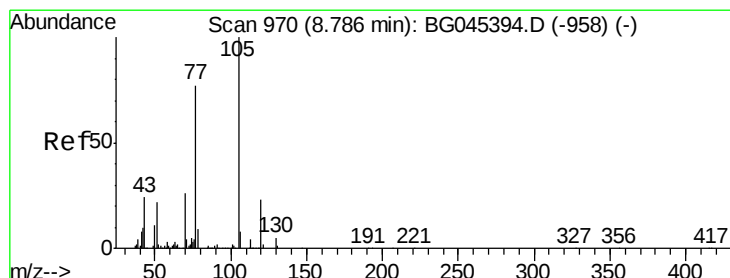
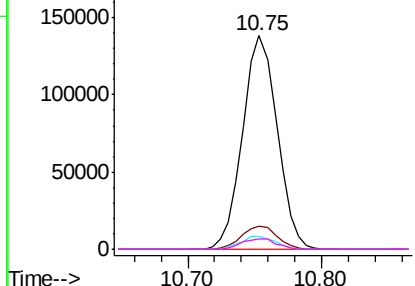
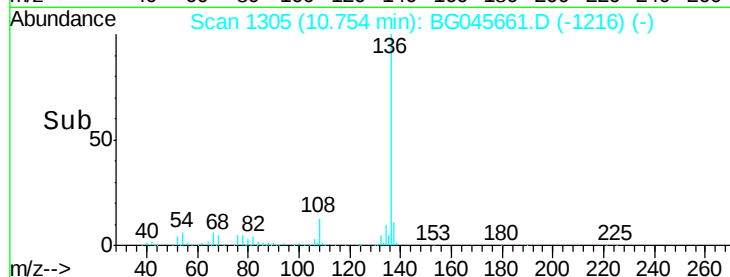
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

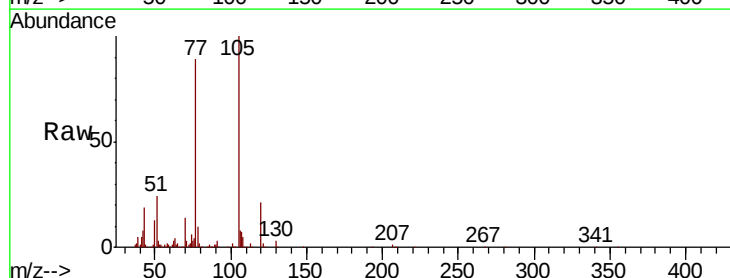
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.078 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt	Ion:105	Resp:	247598
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.4	5.0#
51	24.2	18.2	27.2
120	21.1	18.6	27.8



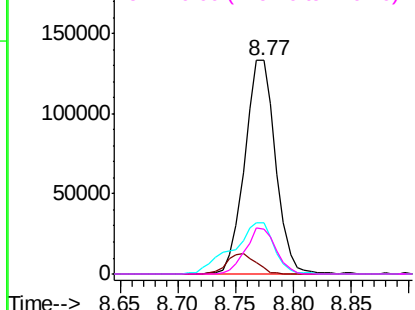
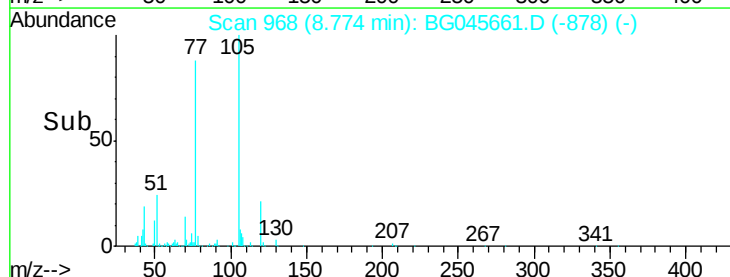
Abundance

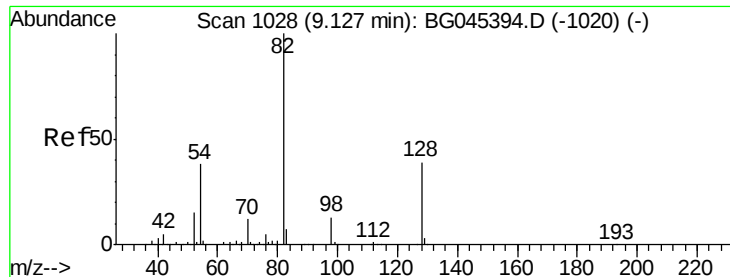
Ion 105.00 (104.70 to 105.70): E

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

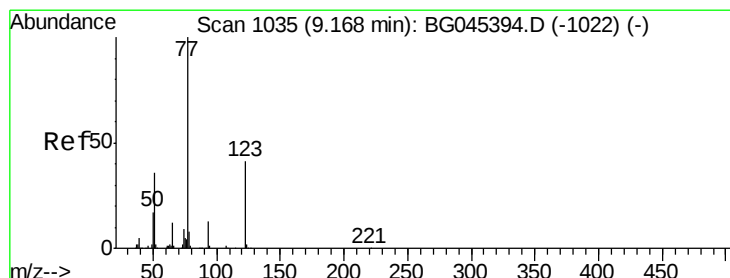
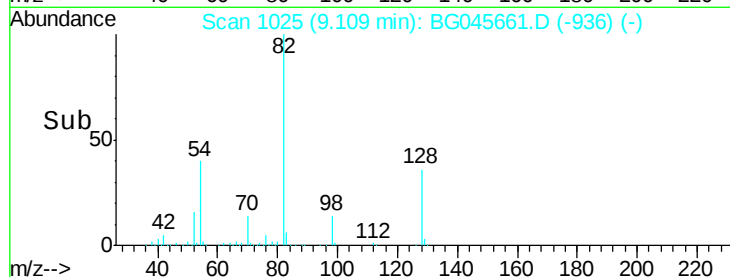
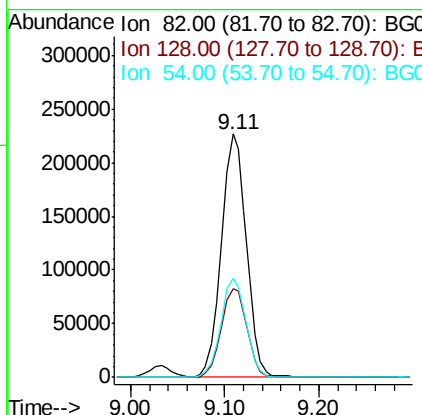
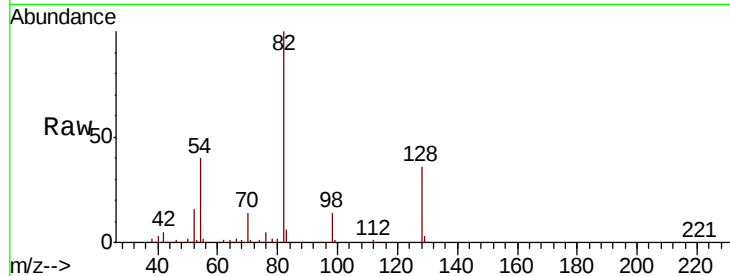




#23
 Nitrobenzene-d5
 Concen: 91.517 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

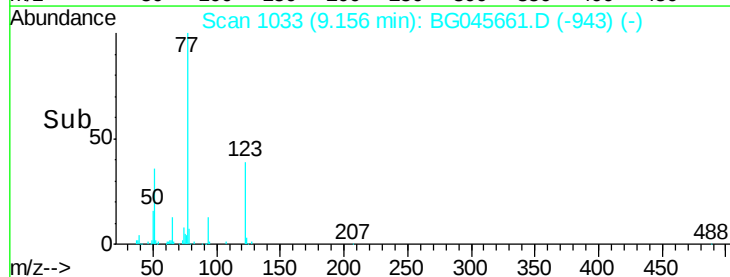
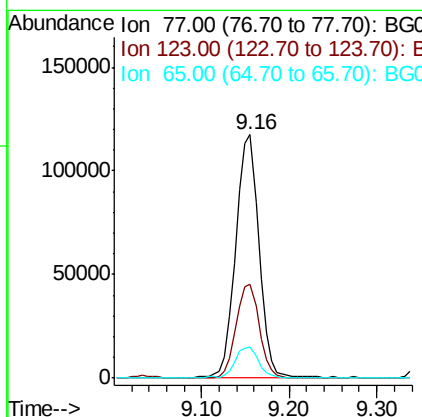
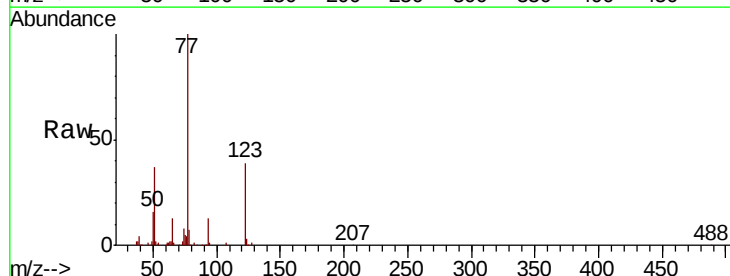
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

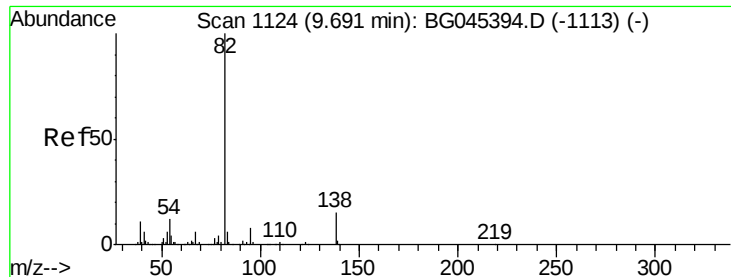
Tot Ion	82	Resp	416657
Ion Ratio	Lower	Upper	
82	100		
128	36.4	30.9	46.3
54	40.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 42.848 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion	77	Resp	209006
Ion Ratio	Lower	Upper	
77	100		
123	38.6	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 41.683 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

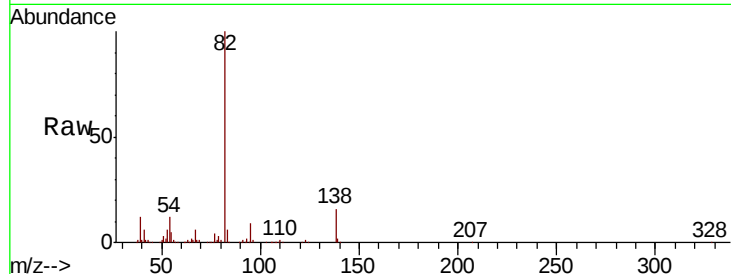
Tot Ion: 82 Resp: 373737

Ion Ratio Lower Upper

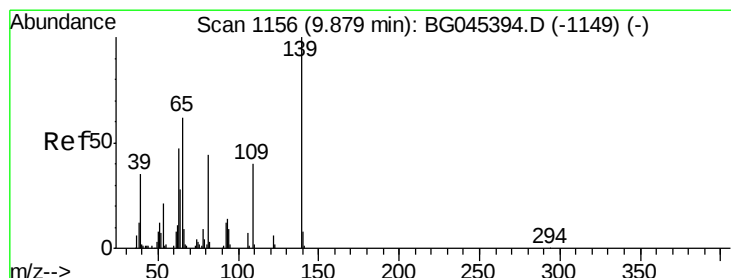
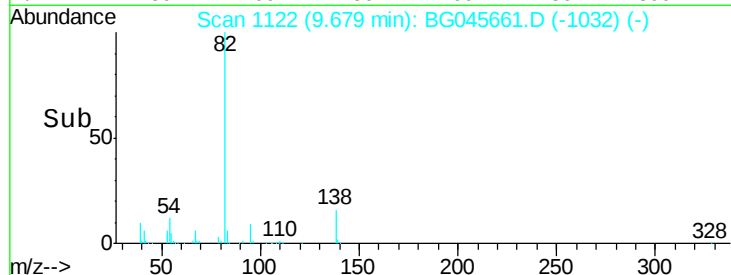
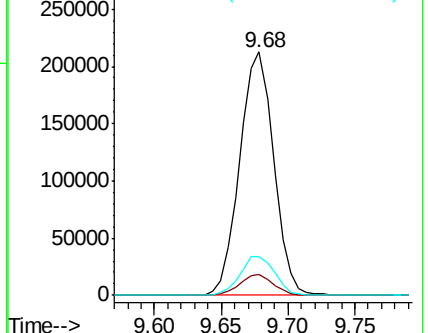
82 100

95 8.5 6.7 10.1

138 16.1 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.961 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

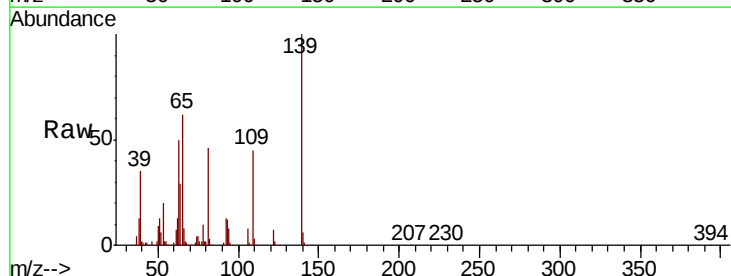
Tgt Ion: 139 Resp: 93819

Ion Ratio Lower Upper

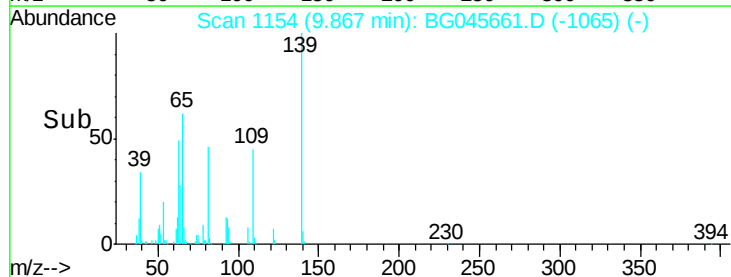
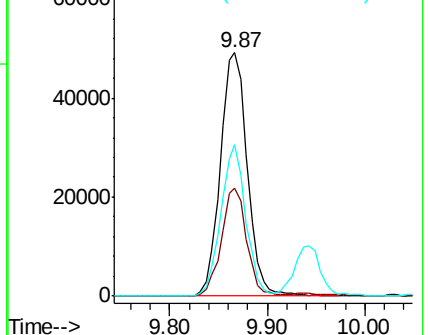
139 100

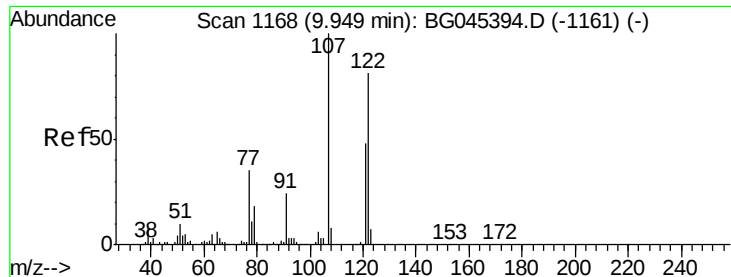
109 44.6 32.2 48.4

65 62.0 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

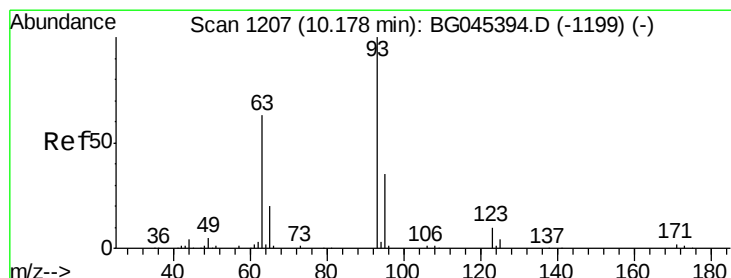
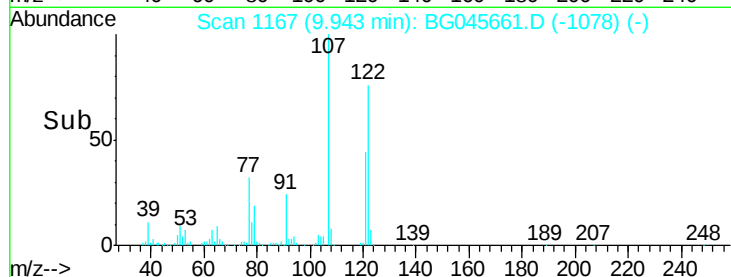
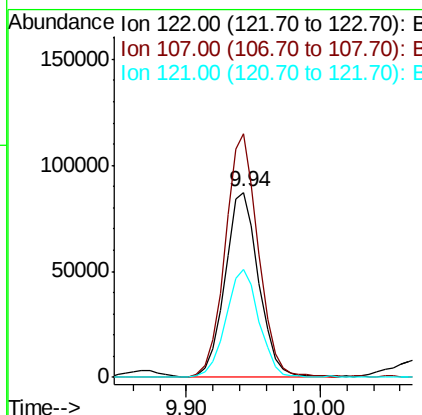
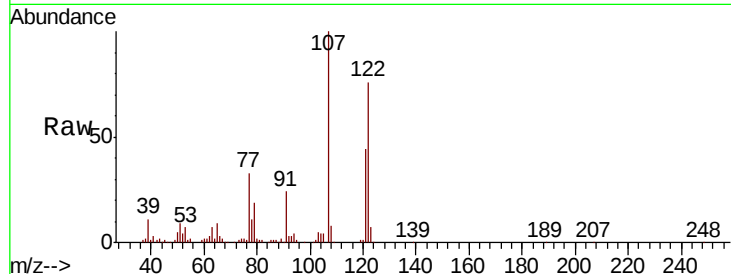




#27
 2,4-Dimethylphenol
 Concen: 49.367 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

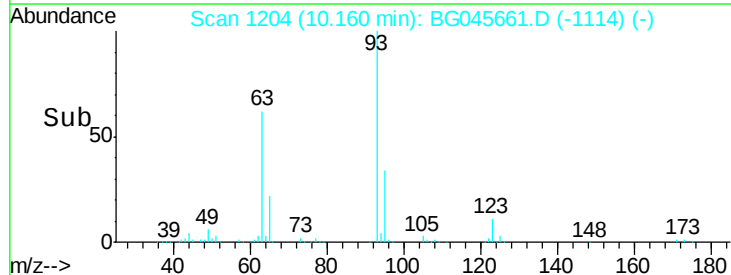
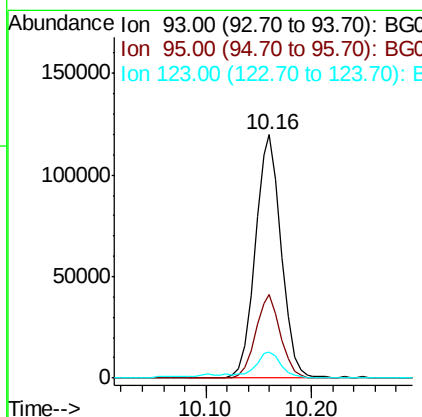
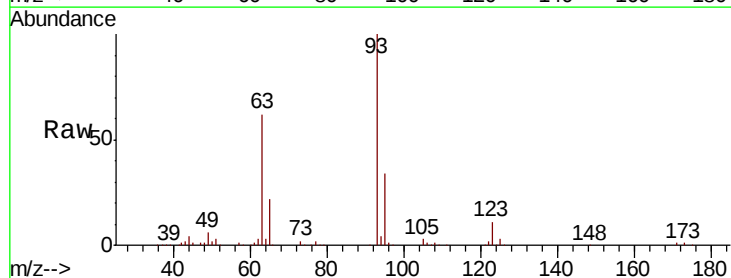
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.6	99.0	148.4
121	58.1	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.451 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.6	41.4
123	10.8	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 45.873 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

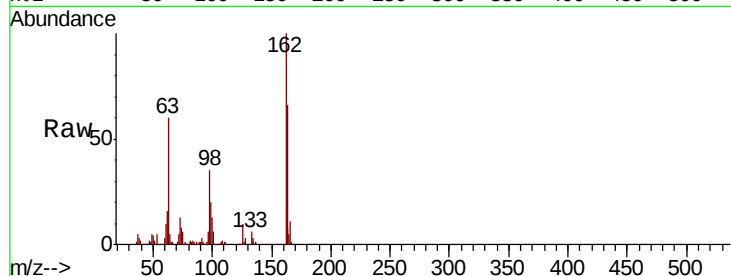
Tot Ion:162 Resp: 167650

Ion Ratio Lower Upper

162 100

164 66.3 46.8 86.8

98 35.4 15.2 55.2

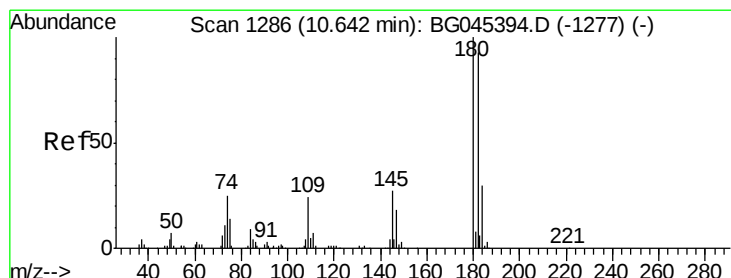
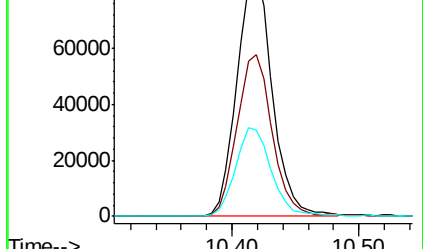
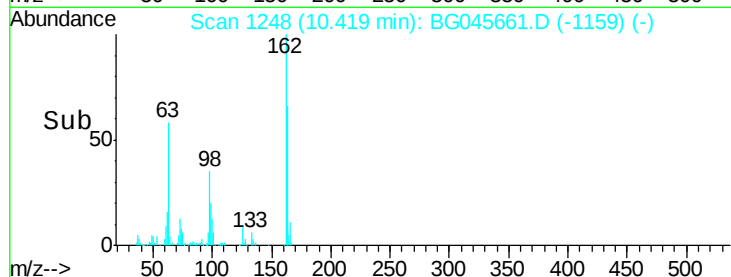


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 43.795 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

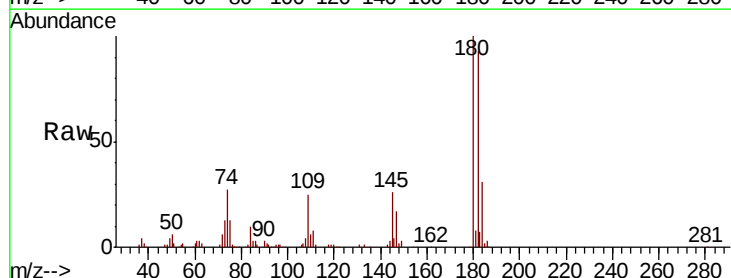
Tgt Ion:180 Resp: 189127

Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 25.5 21.9 32.9

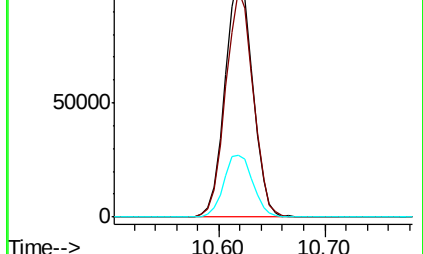
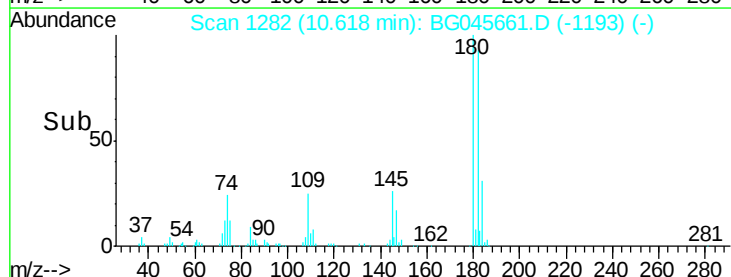


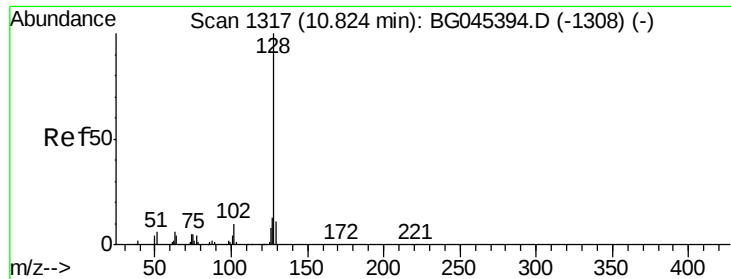
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

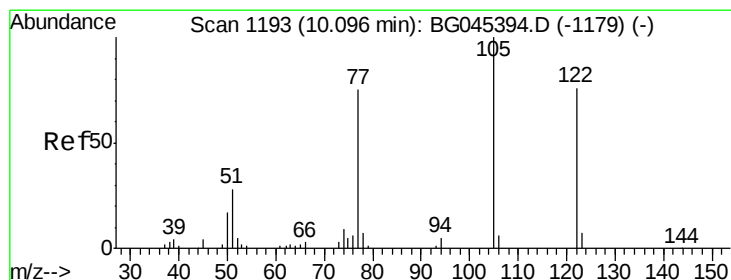
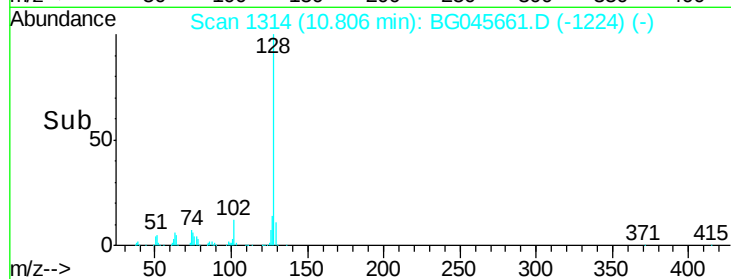
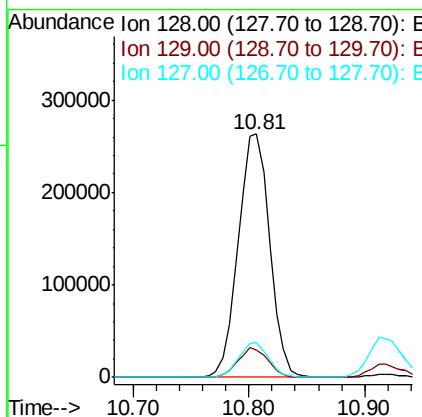
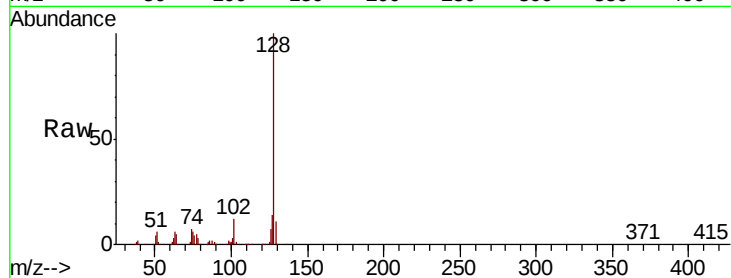




#31
Naphthalene
Concen: 43.057 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

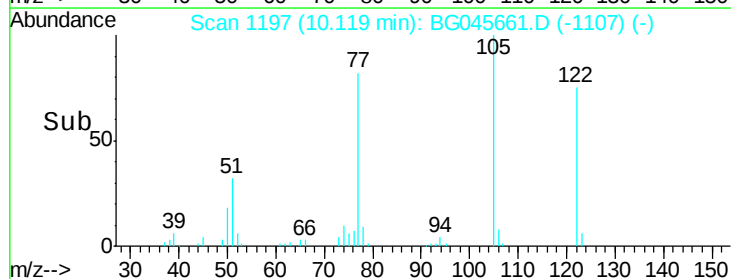
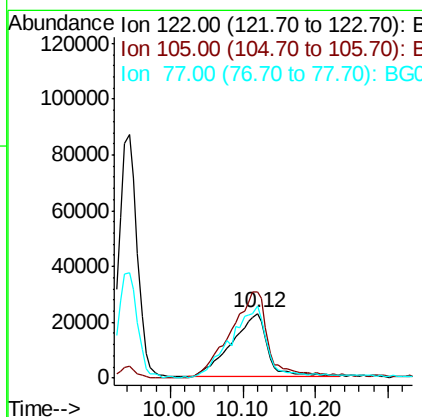
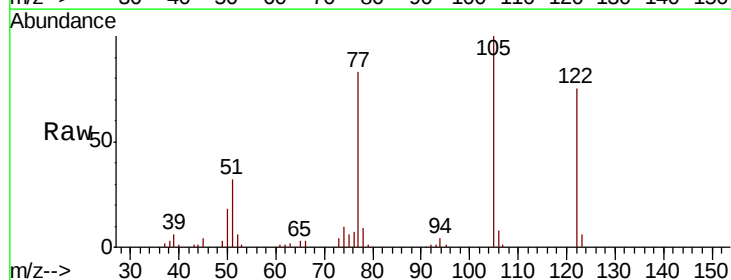
Instrument :
BNA_G
ClientSampleId :
PB129377BS

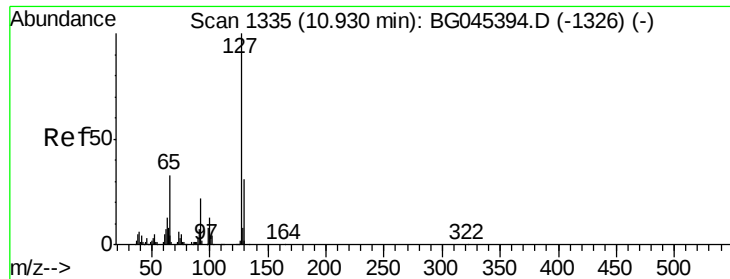
Tot Ion:128 Resp: 498142
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 40.206 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:122 Resp: 80299
Ion Ratio Lower Upper
122 100
105 133.6 107.9 147.9
77 110.8 78.9 118.9

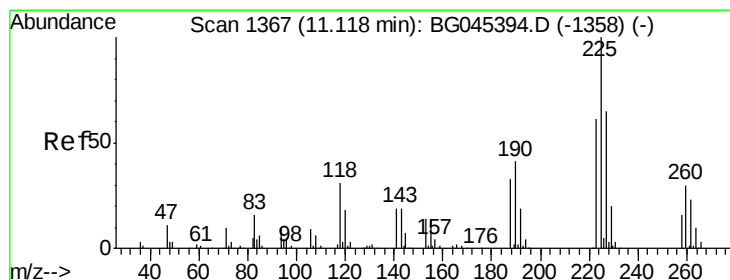
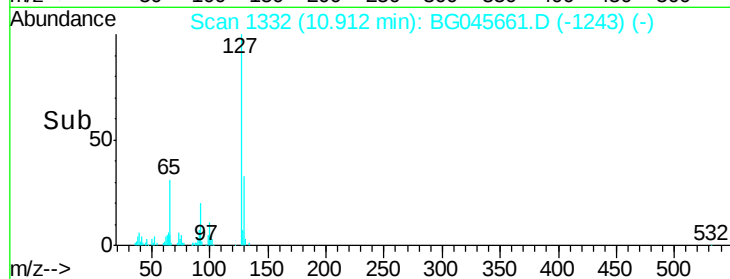
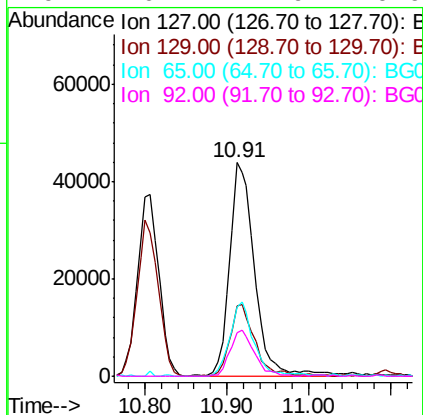
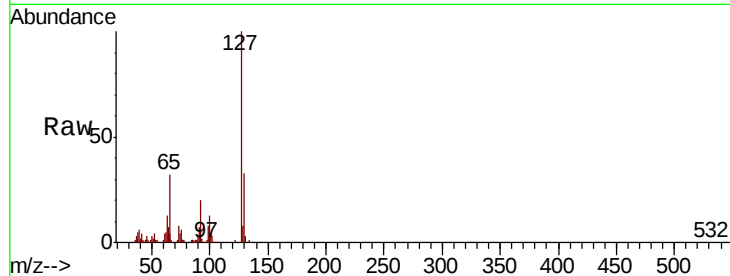




#33
4-Chloroaniline
Concen: 19.262 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

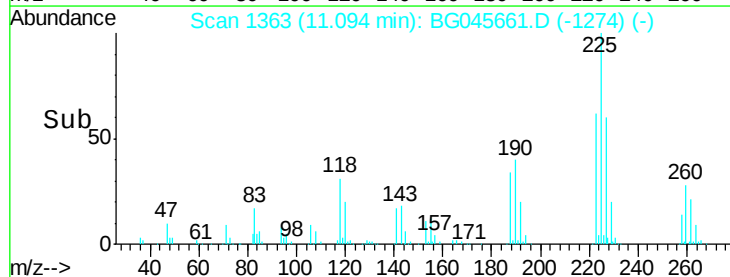
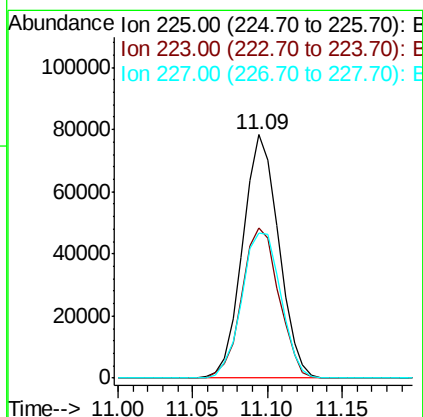
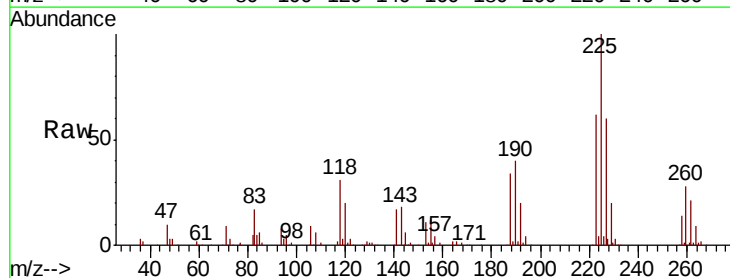
Instrument :
BNA_G
ClientSampleId :
PB129377BS

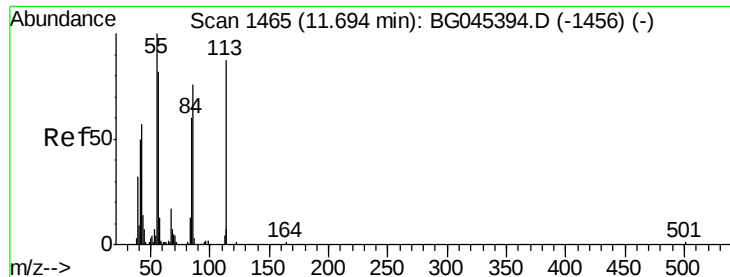
Tot Ion:127	Resp:	93150	
Ion Ratio	Lower	Upper	
127 100			
129 32.9	24.7	37.1	
65 32.5	26.2	39.2	
92 20.4	17.9	26.9	



#34
Hexachlorobutadiene
Concen: 42.795 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt	Ion:225	Resp:	130637
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.1	73.7
227	59.6	52.0	78.0





#35

Caprolactam

Concen: 28.497 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

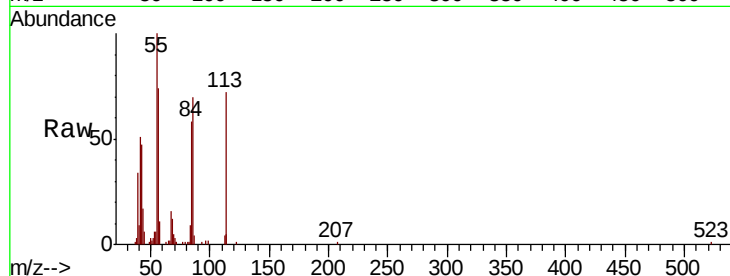
Tot Ion:113 Resp: 38227

Ion Ratio Lower Upper

113 100

55 138.9 96.0 136.0#

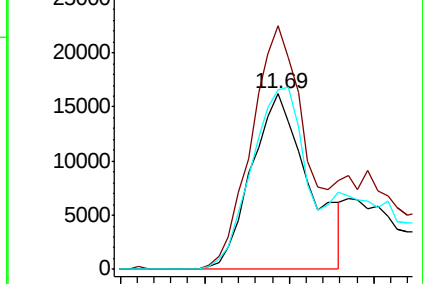
56 102.7 75.1 115.1



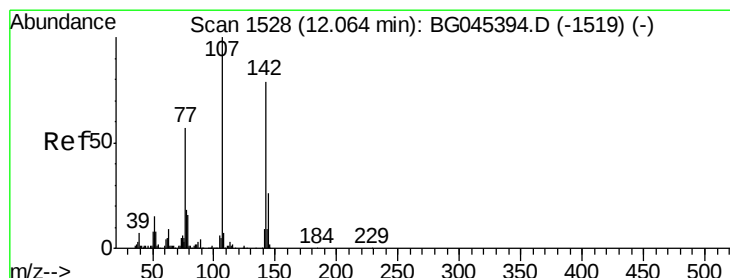
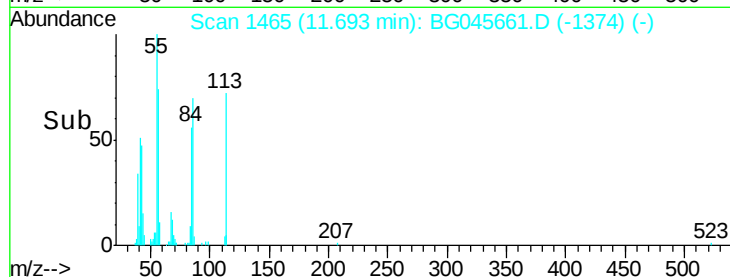
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



Time-->



#36

4-Chloro-3-methylphenol

Concen: 47.409 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

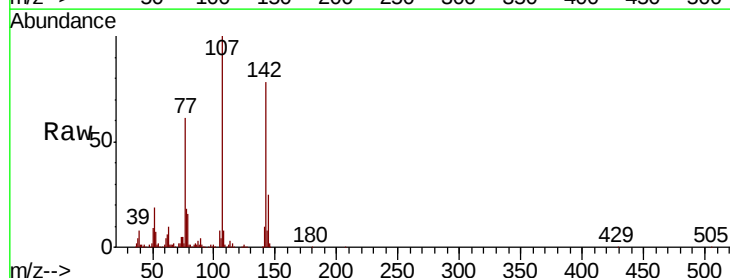
Tgt Ion:107 Resp: 195237

Ion Ratio Lower Upper

107 100

144 24.9 20.8 31.2

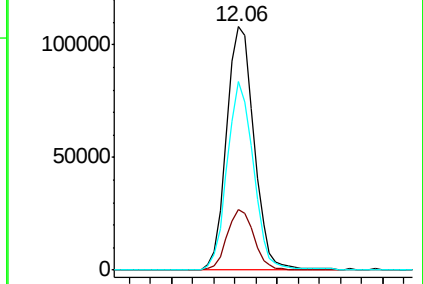
142 77.6 62.8 94.2



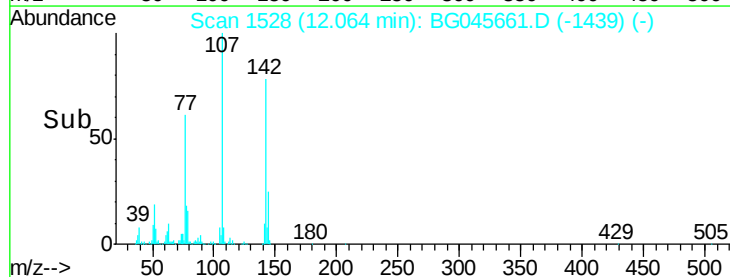
Abundance Ion 107.00 (106.70 to 107.70): E

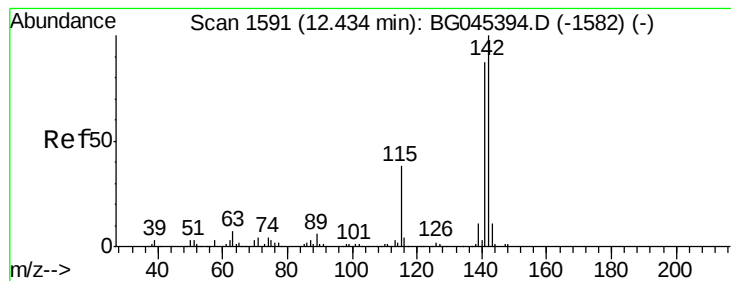
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 44.285 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

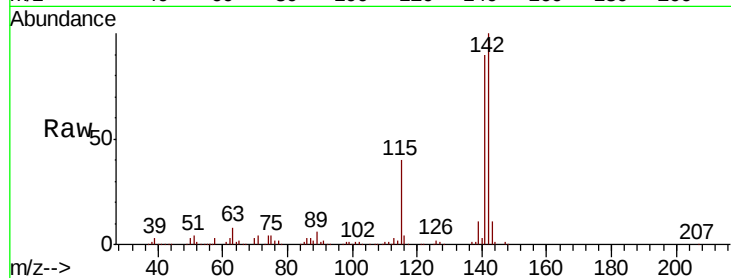
Tot Ion:142 Resp: 381871

Ion Ratio Lower Upper

142 100

141 90.3 70.0 105.0

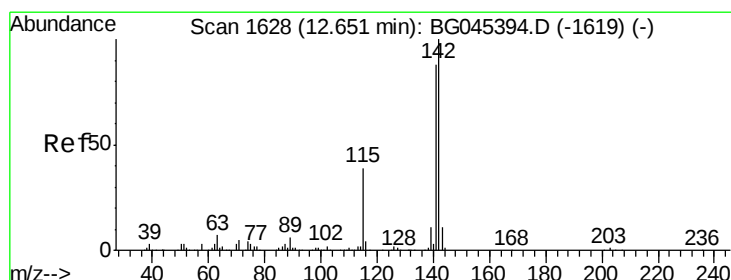
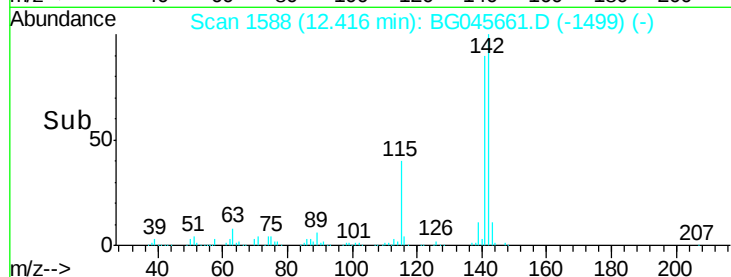
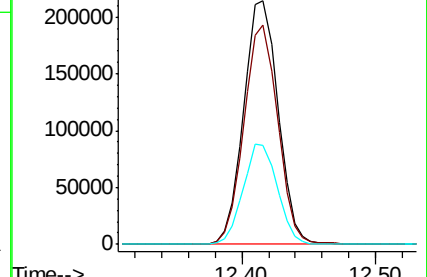
115 40.5 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.881 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.22 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

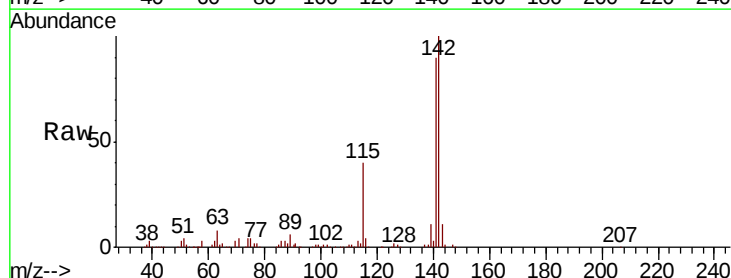
Tgt Ion:142 Resp: 381871

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

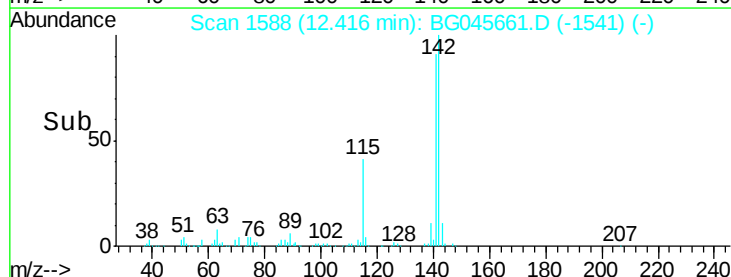
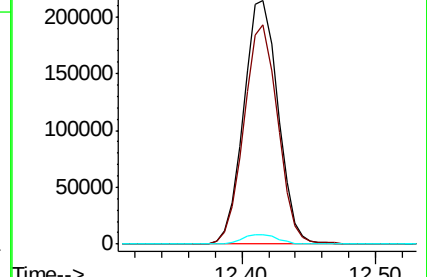
116 4.1 3.0 4.6

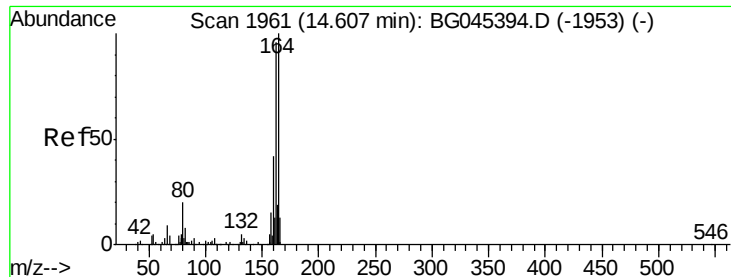


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

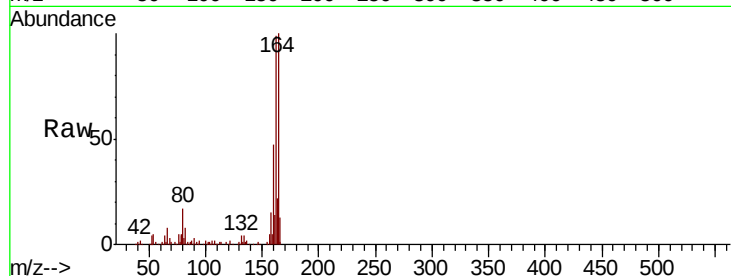
Tot Ion:164 Resp: 178579

Ion Ratio Lower Upper

164 100

162 99.5 76.9 115.3

160 47.1 33.8 50.8

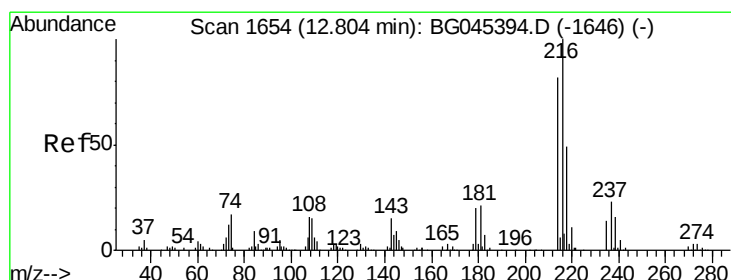
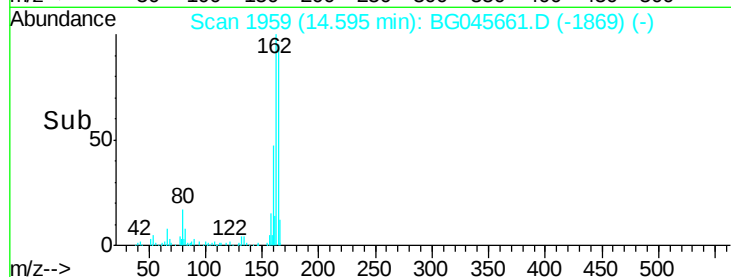
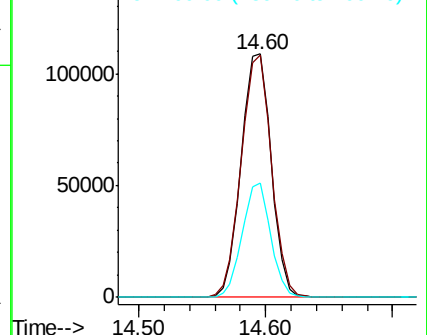


Abundance

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: 43.777 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Tgt Ion:216 Resp: 218357

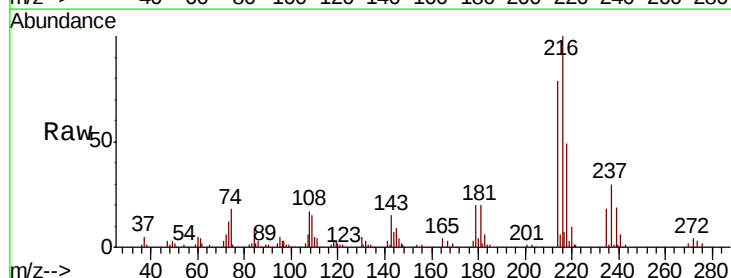
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 19.9 16.1 24.1

108 19.5 13.8 20.6



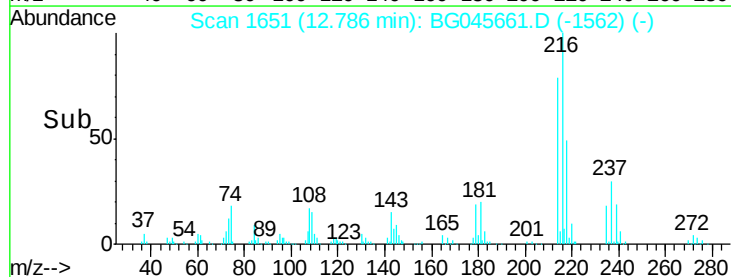
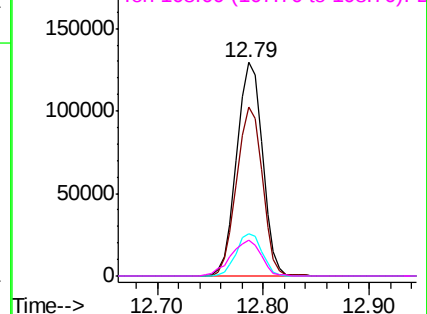
Abundance

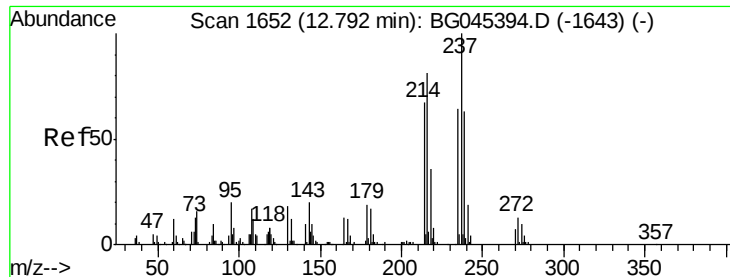
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.168 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

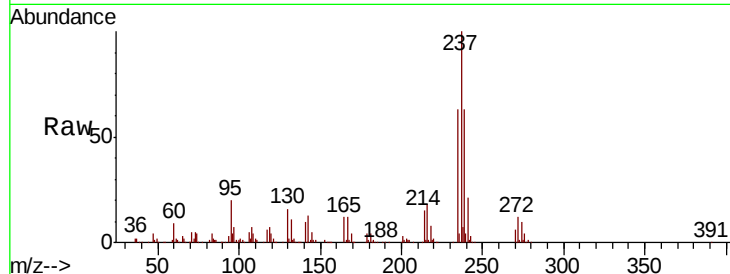
Tot Ion:237 Resp: 262472

Ion Ratio Lower Upper

237 100

235 63.0 44.4 84.4

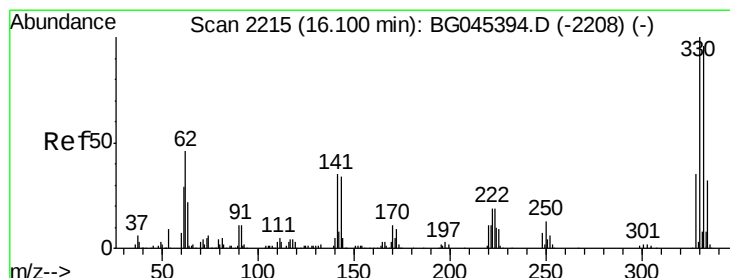
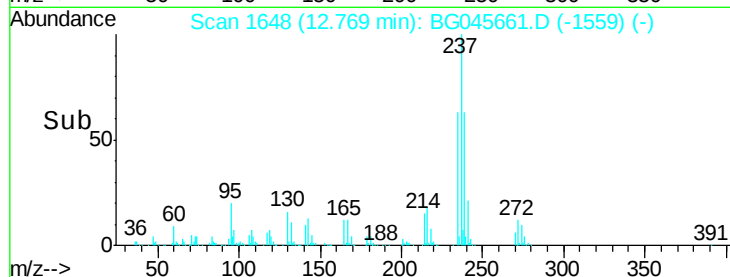
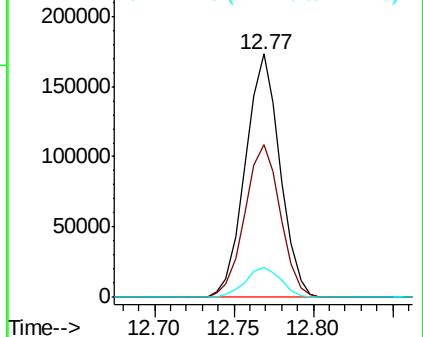
272 12.4 0.0 32.5



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: 135.544 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

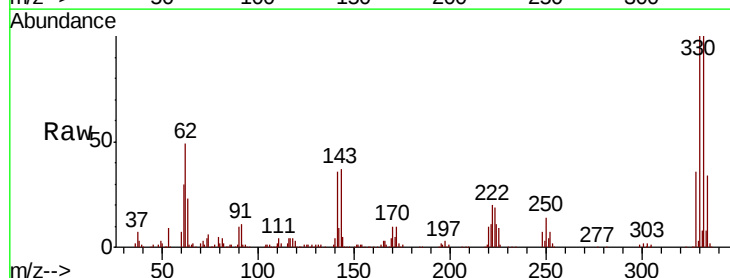
Tgt Ion:330 Resp: 309559

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

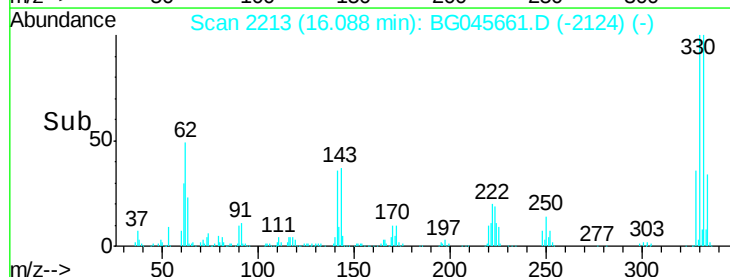
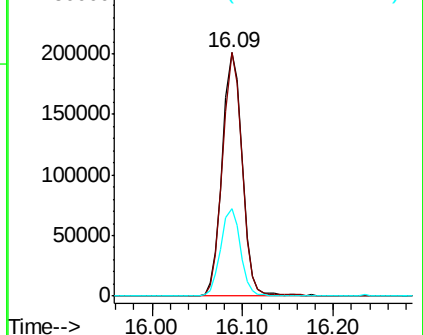
141 35.4 28.2 42.4

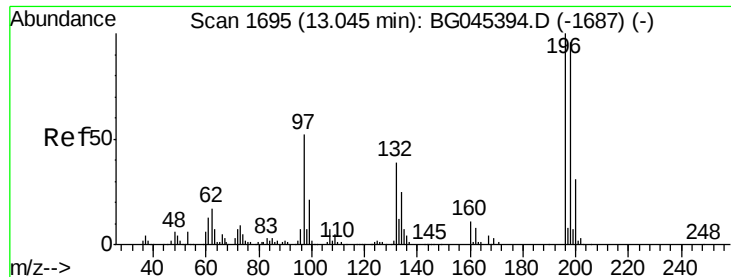


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.789 ng

RT: 13.03 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

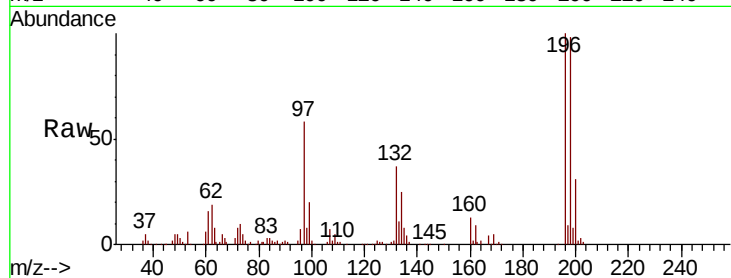
Tot Ion:196 Resp: 151729

Ion Ratio Lower Upper

196 100

198 98.0 76.7 115.1

200 30.8 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

120000

100000

80000

60000

40000

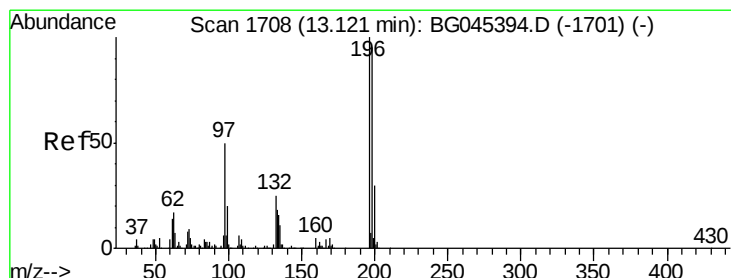
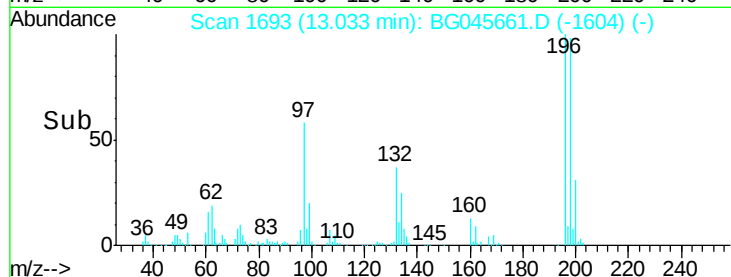
20000

0

13.03

12.95 13.00 13.05 13.10

Time-->



#44

2,4,5-Trichlorophenol

Concen: 39.970 ng

RT: 13.12 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Tgt Ion:196 Resp: 158265

Ion Ratio Lower Upper

196 100

198 91.7 76.1 114.1

97 49.5 40.0 60.0

132 24.8 20.2 30.2

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

150000

100000

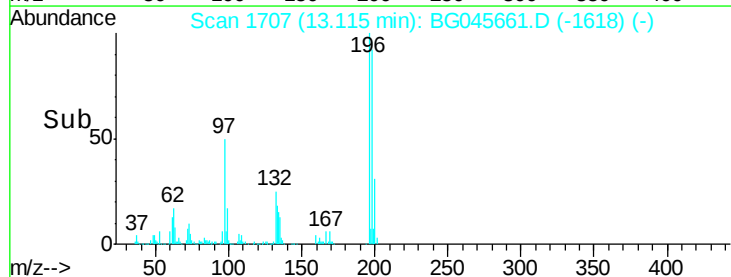
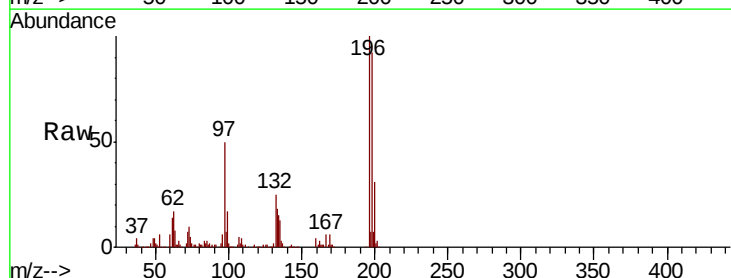
50000

0

13.12

13.10 13.20

Time-->

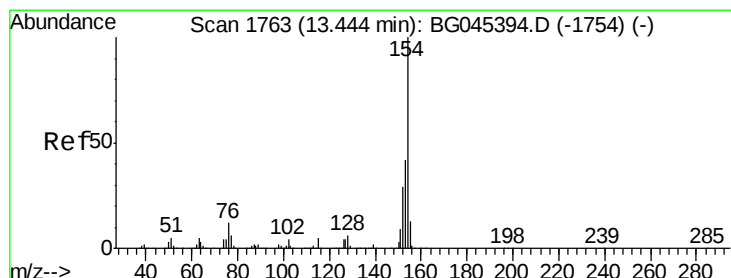
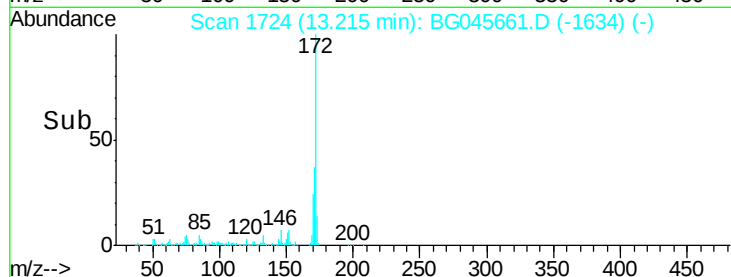
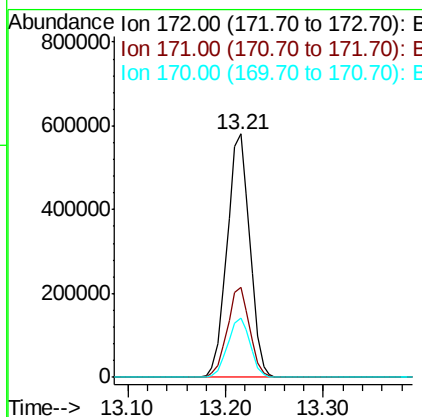
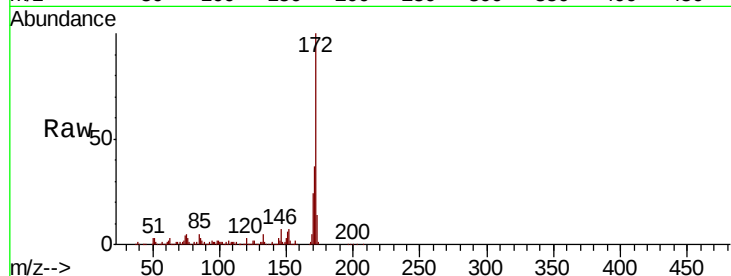




#45
2-Fluorobiphenyl
Concen: 88.860 ng
RT: 13.21 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

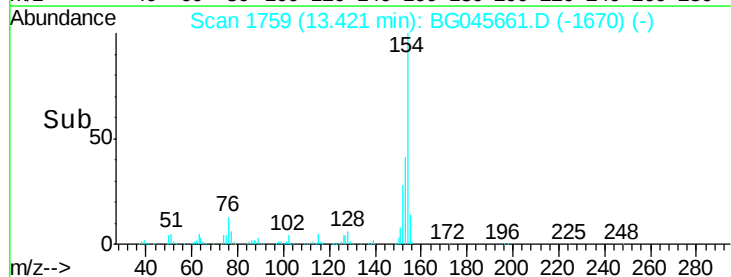
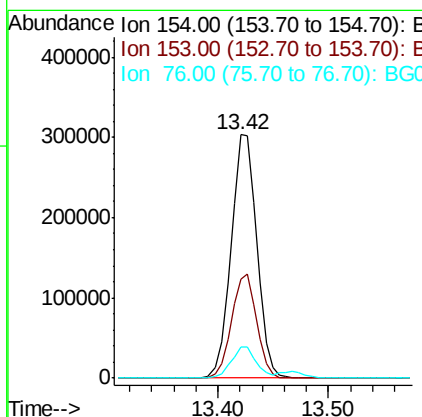
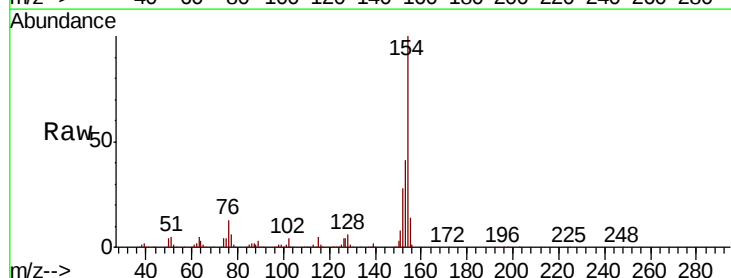
Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:172 Resp: 935535
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.150 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:154 Resp: 495426
Ion Ratio Lower Upper
154 100
153 40.7 22.2 62.2
76 13.0 0.0 32.4

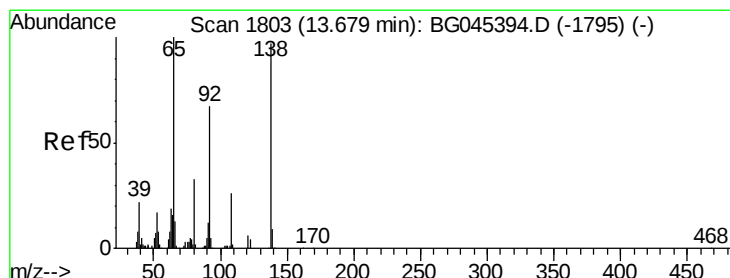
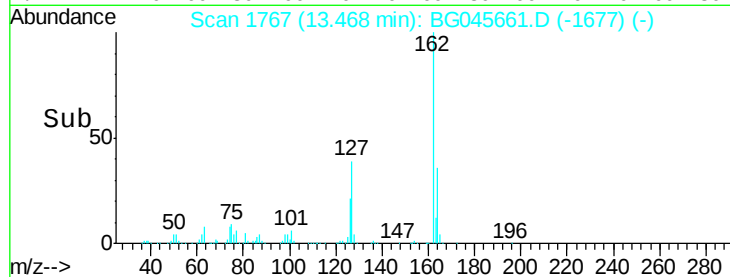
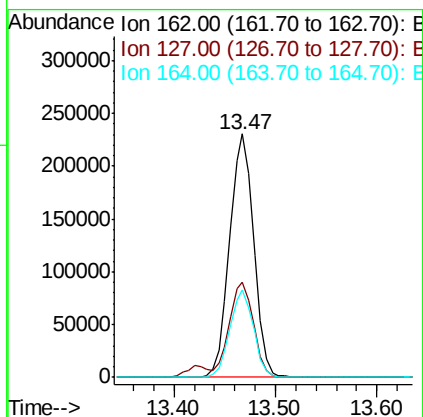
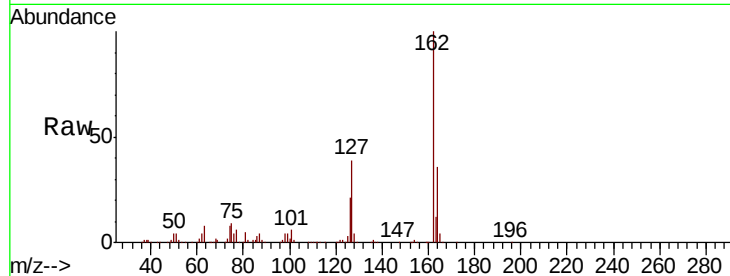




#47
2-Chloronaphthalene
Concen: 42.595 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

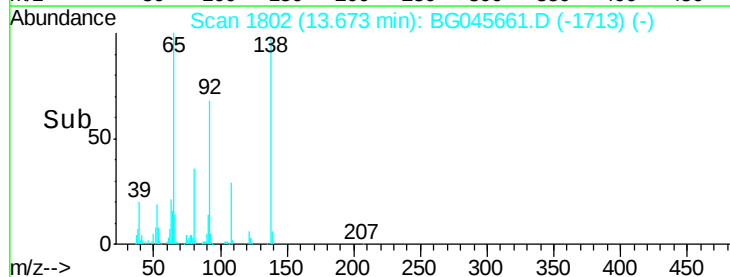
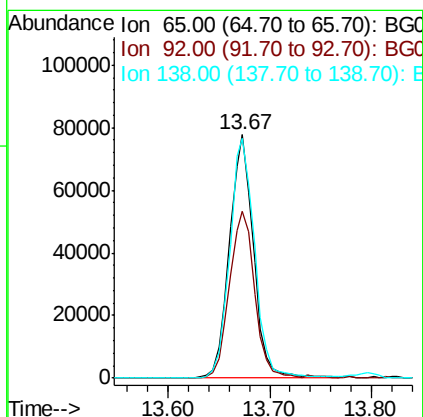
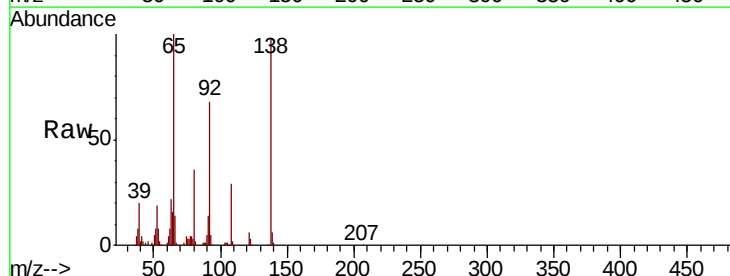
Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	36.0	28.1	42.1



#48
2-Nitroaniline
Concen: 43.633 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.8	80.8
138	98.3	77.9	116.9





#49

Acenaphthylene

Concen: 44.121 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

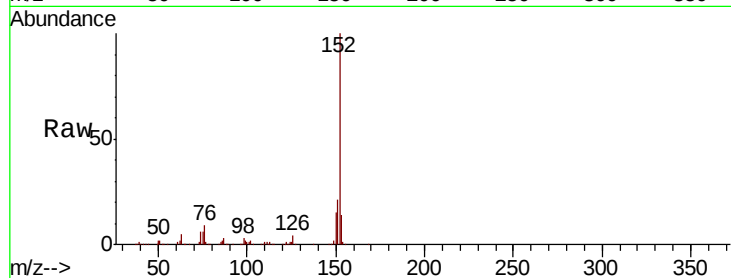
Tot Ion:152 Resp: 631469

Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.2

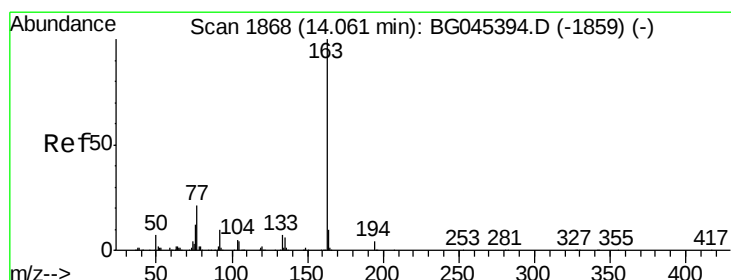
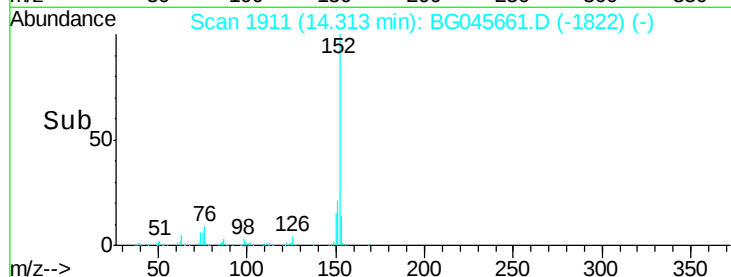
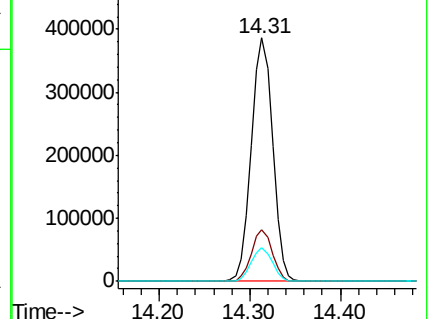
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.958 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

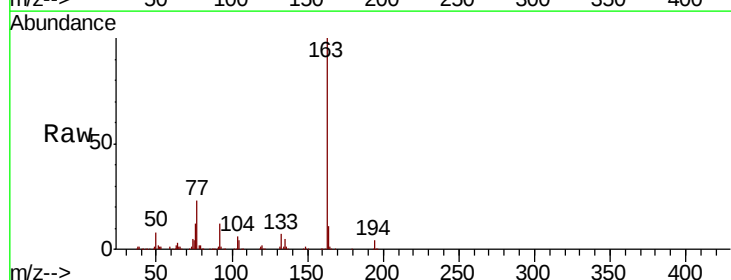
Tgt Ion:163 Resp: 514001

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

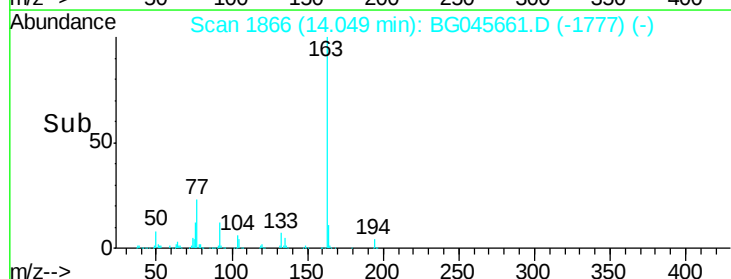
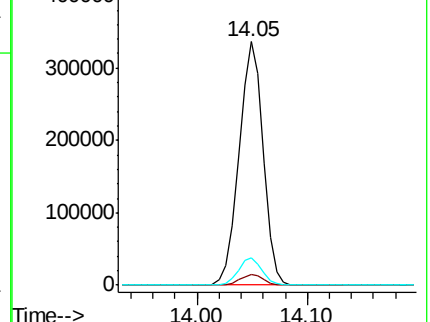
164 11.2 8.3 12.5

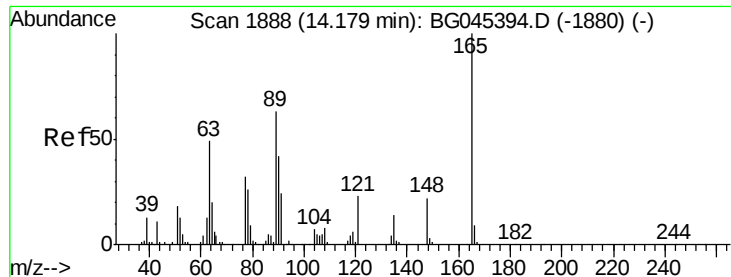


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

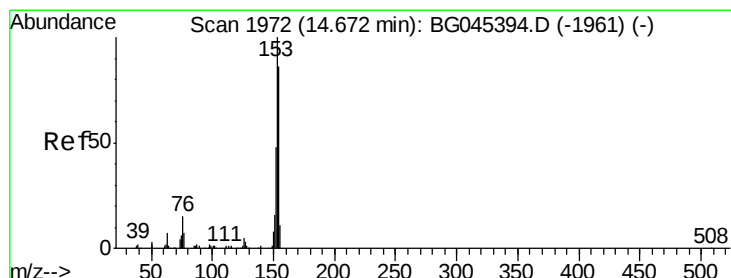
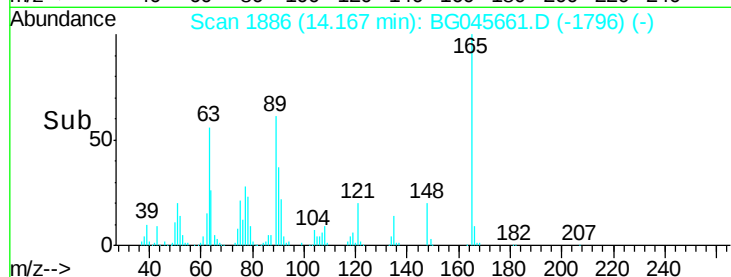
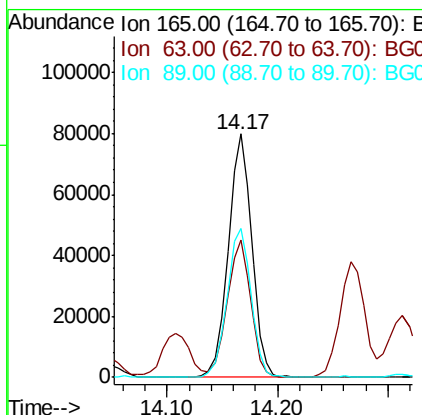
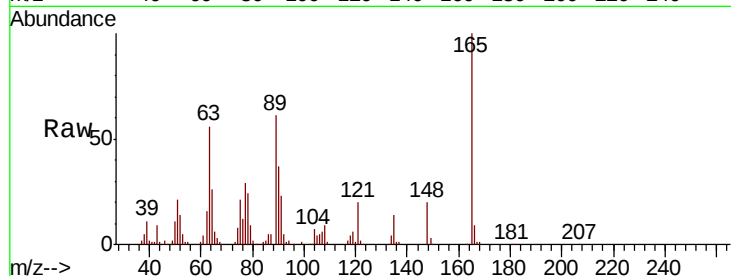




#51
 2,6-Dinitrotoluene
 Concen: 43.266 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

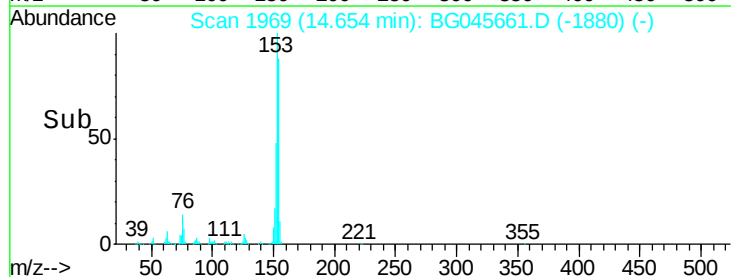
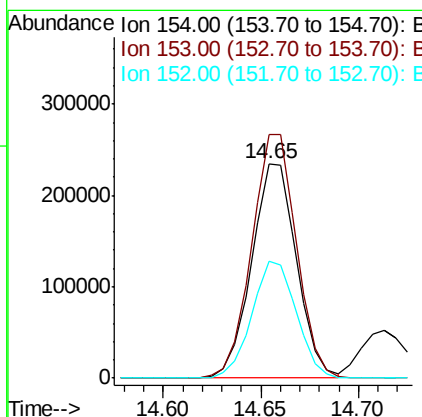
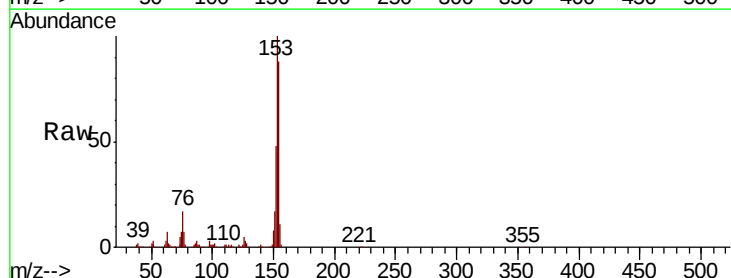
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

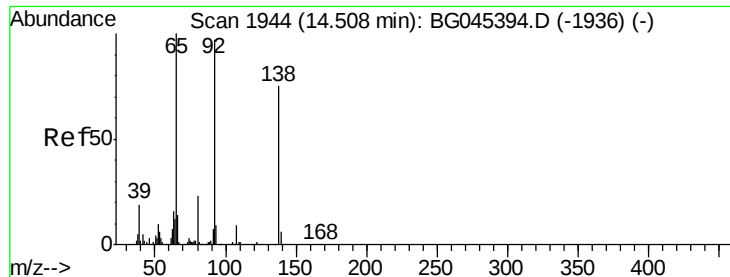
Tot Ion:165 Resp: 119600
 Ion Ratio Lower Upper
 165 100
 63 56.3 45.0 67.4
 89 61.2 50.2 75.4



#52
 Acenaphthene
 Concen: 39.014 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion:154 Resp: 373764
 Ion Ratio Lower Upper
 154 100
 153 113.2 92.8 139.2
 152 54.6 44.6 66.8

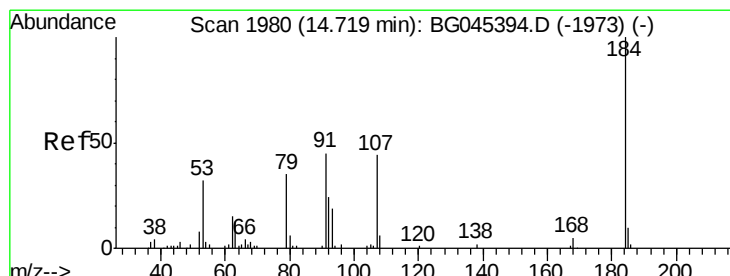
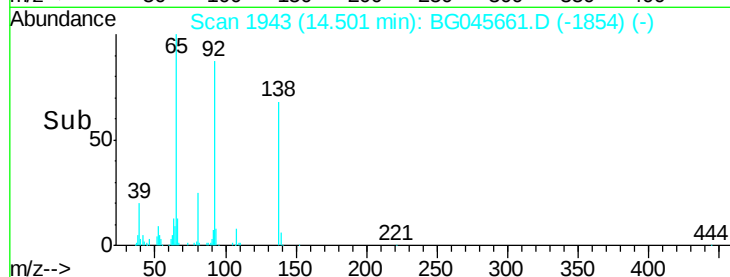
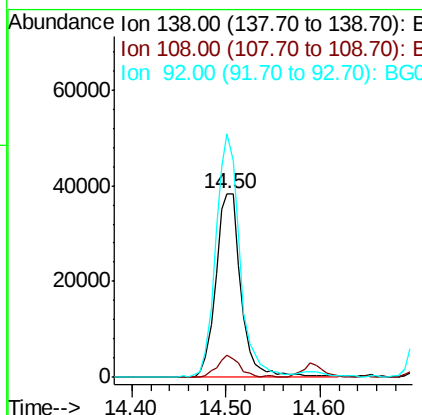
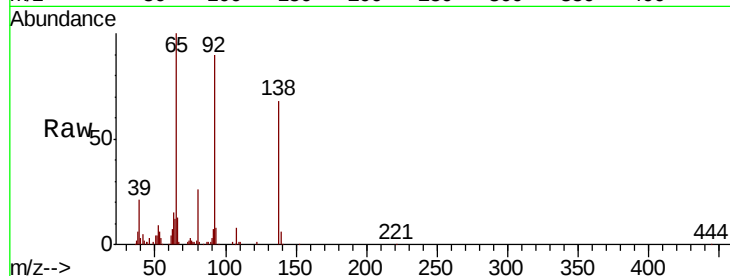




#53
3-Nitroaniline
Concen: 25.589 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

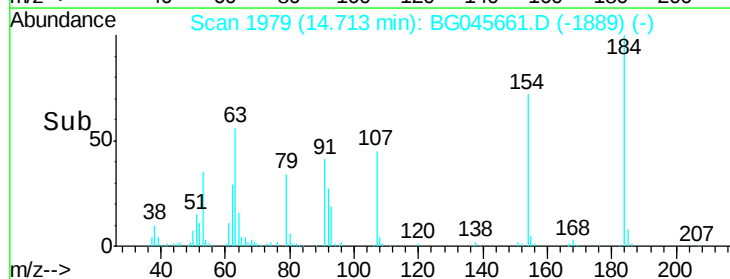
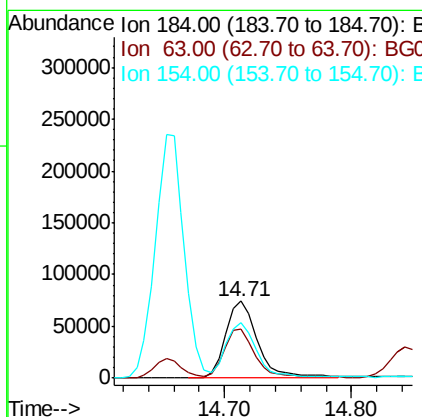
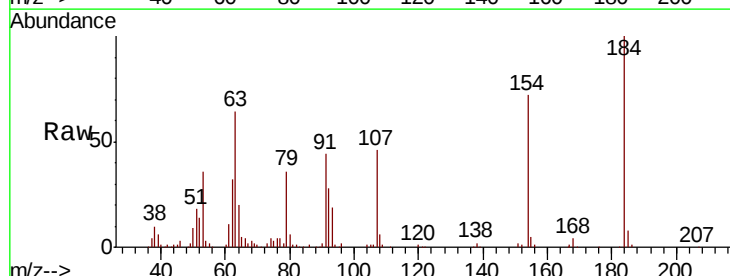
Instrument :
BNA_G
ClientSampleId :
PB129377BS

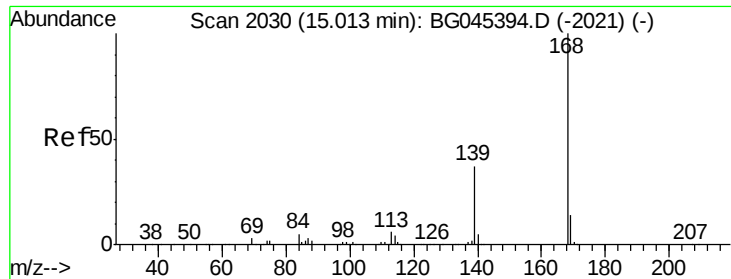
Tot Ion:138 Resp: 71906
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.6
92 132.3 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 72.291 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:184 Resp: 129882
Ion Ratio Lower Upper
184 100
63 63.9 47.8 71.6
154 71.6 58.3 87.5

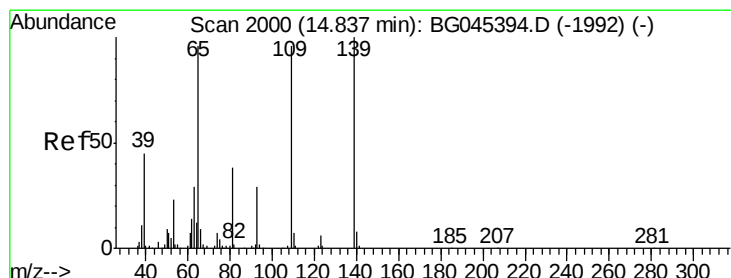
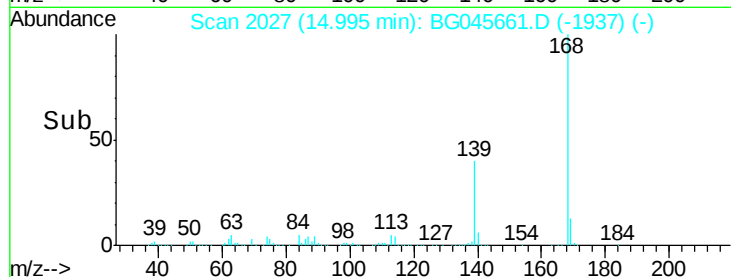
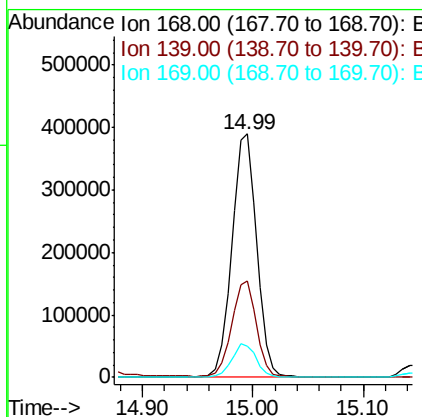
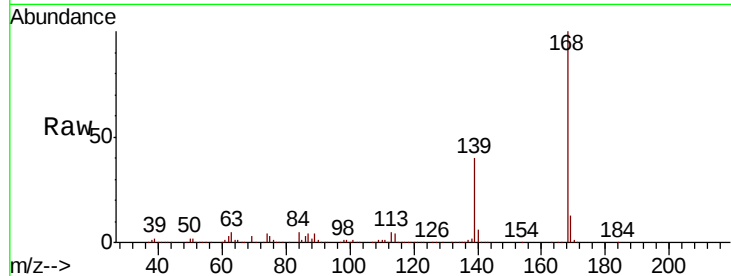




#55
Dibenzofuran
Concen: 43.238 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

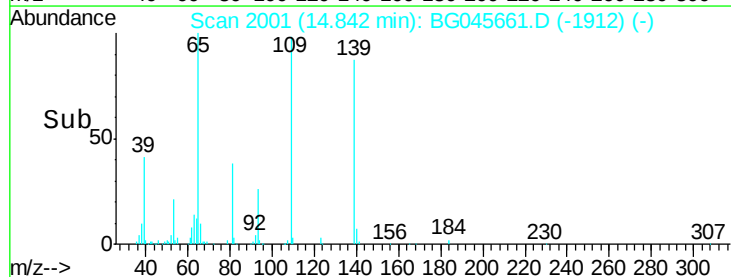
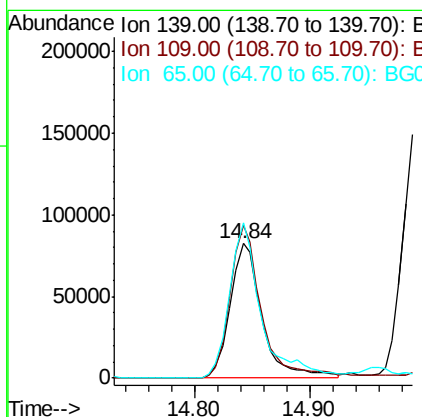
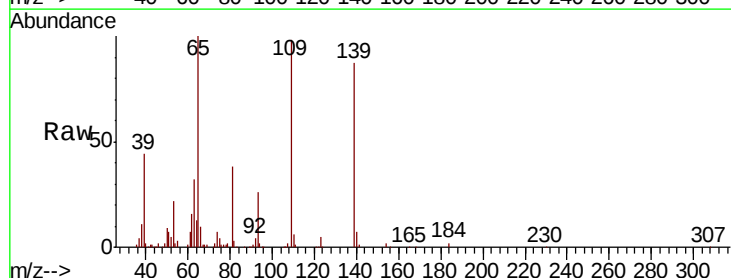
Instrument :
BNA_G
ClientSampleId :
PB129377BS

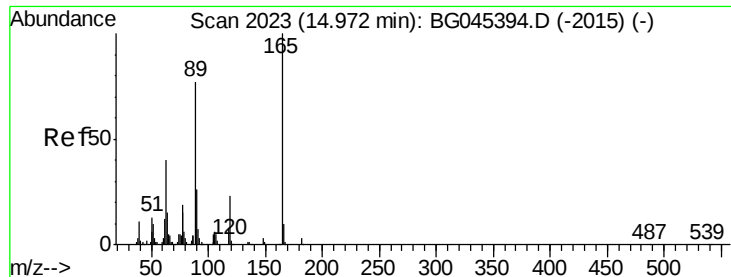
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	12.9	10.9	16.3



#56
4-Nitrophenol
Concen: 74.282 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	113.4	75.6	115.6
65	115.2	76.8	116.8

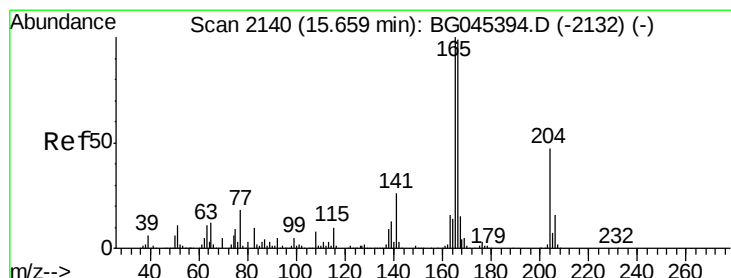
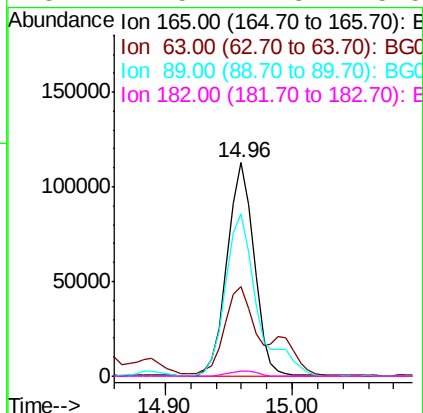
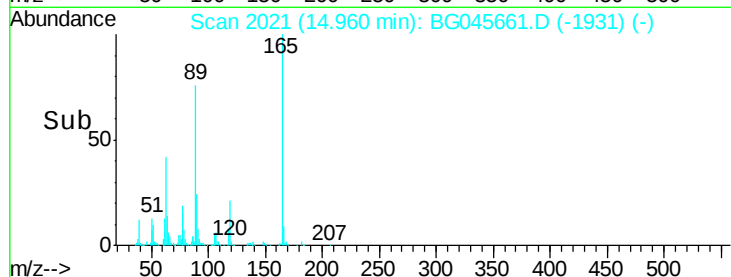
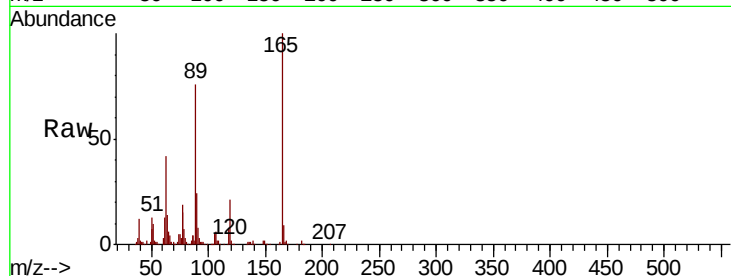




#57
2,4-Dinitrotoluene
Concen: 41.703 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

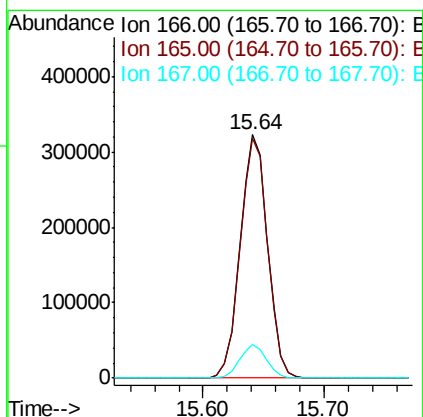
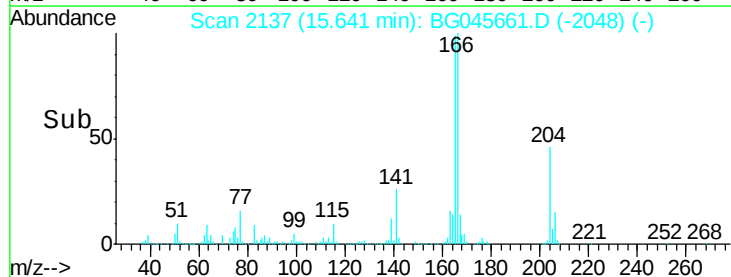
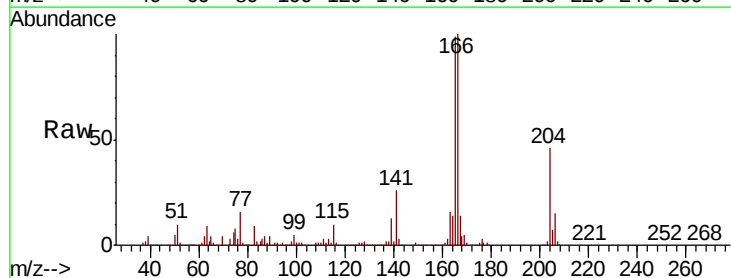
Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:165 Resp: 166954
Ion Ratio Lower Upper
165 100
63 42.1 32.5 48.7
89 76.4 61.8 92.6
182 2.5 2.3 3.5



#58
Fluorene
Concen: 43.618 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:166 Resp: 509818
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 14.0 12.0 18.0

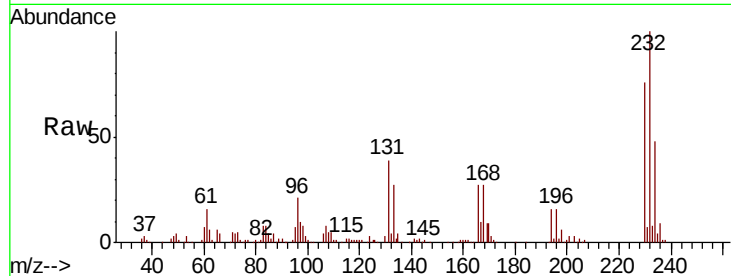




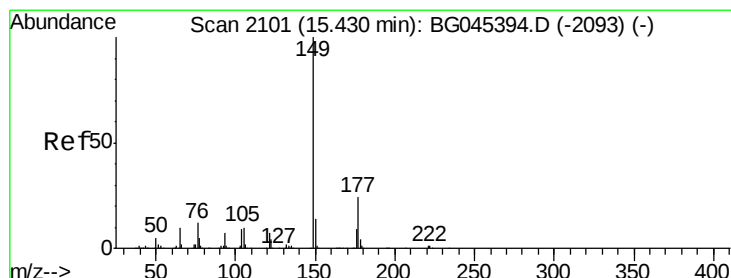
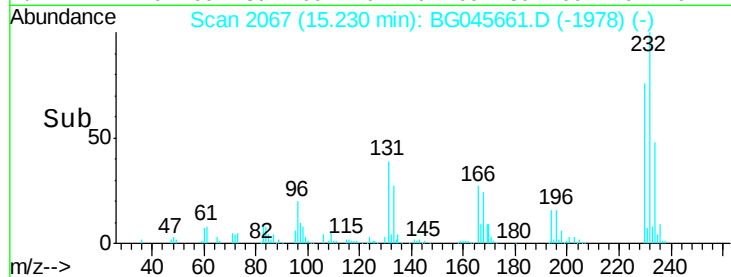
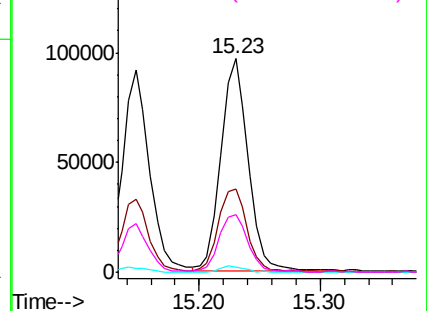
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.091 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

Tot Ion:232	Resp:	150109
Ion	Ratio	Lower Upper
232	100	
131	41.7	33.7 50.5
130	2.6	2.1 3.1
166	28.6	23.2 34.8

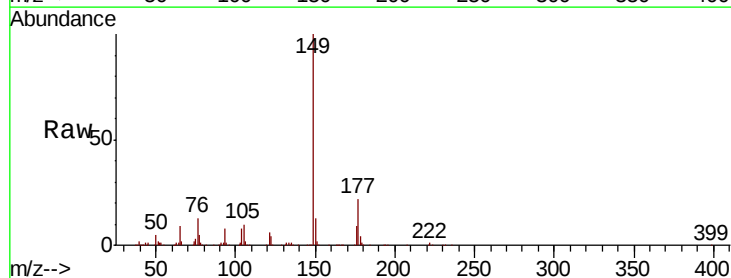


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

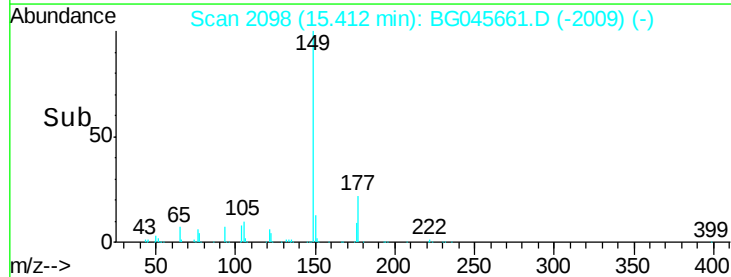
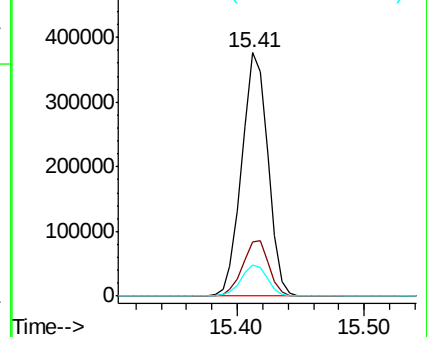


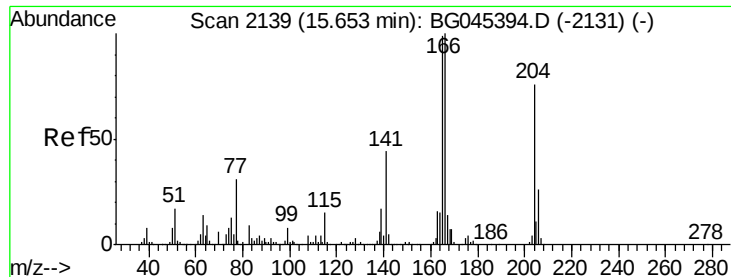
#60
 Diethylphthalate
 Concen: 41.940 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion:149	Resp:	534759
Ion	Ratio	Lower Upper
149	100	
177	22.3	19.0 28.4
150	12.7	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

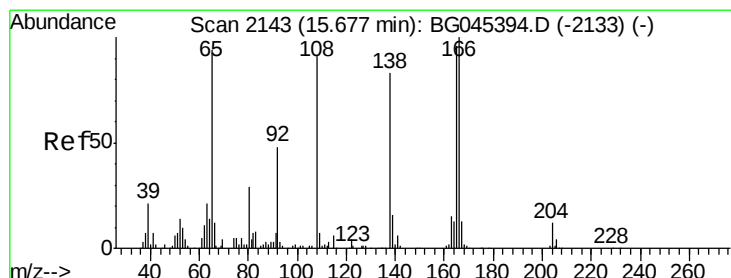
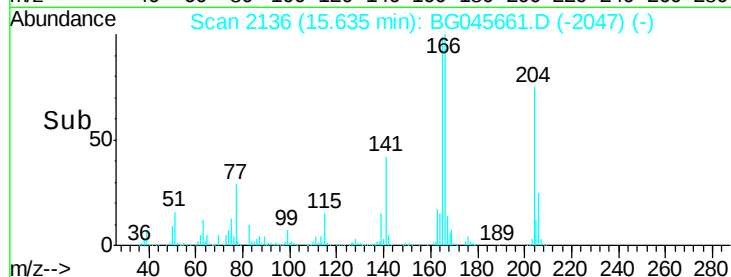
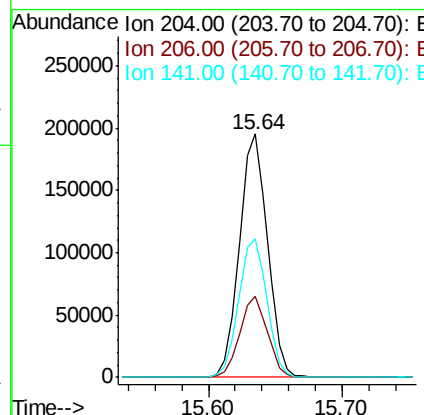
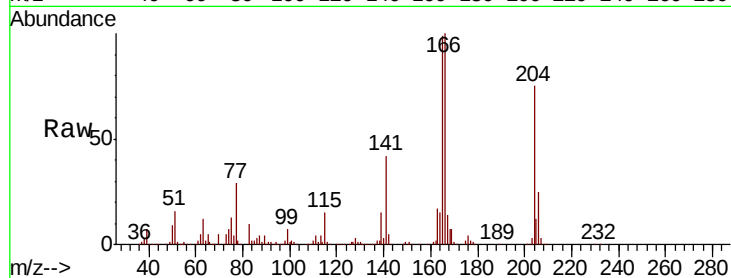




#61
4-Chlorophenyl-phenylether
Concen: 42.609 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

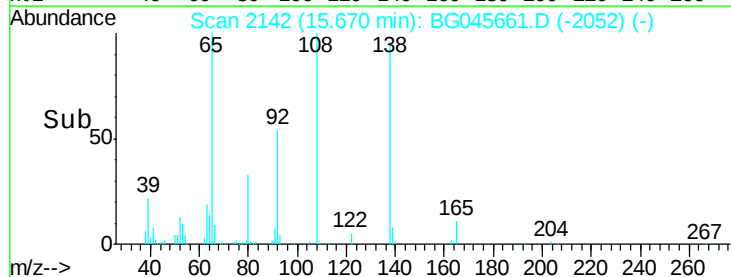
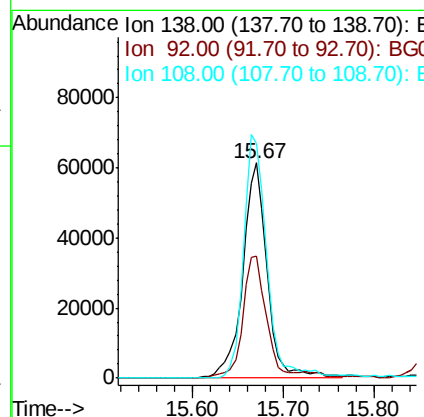
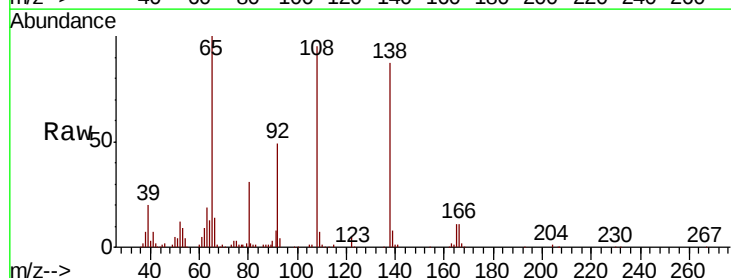
Instrument :
BNA_G
ClientSampleId :
PB129377BS

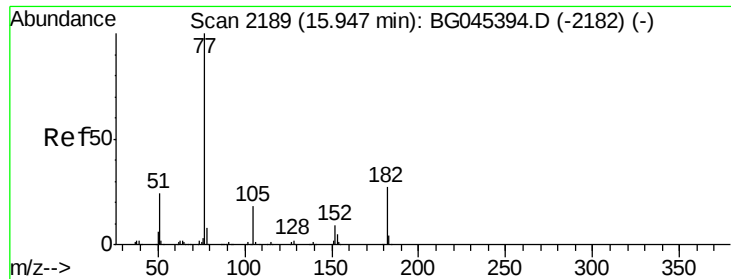
Tot Ion:204 Resp: 284986
Ion Ratio Lower Upper
204 100
206 33.5 27.3 40.9
141 56.9 45.9 68.9



#62
4-Nitroaniline
Concen: 39.274 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:138 Resp: 115212
Ion Ratio Lower Upper
138 100
92 56.9 38.0 78.0
108 109.2 89.3 129.3

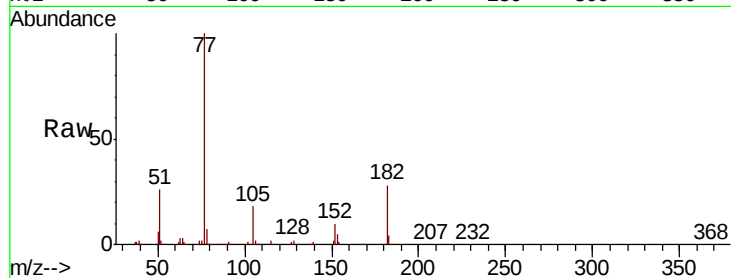




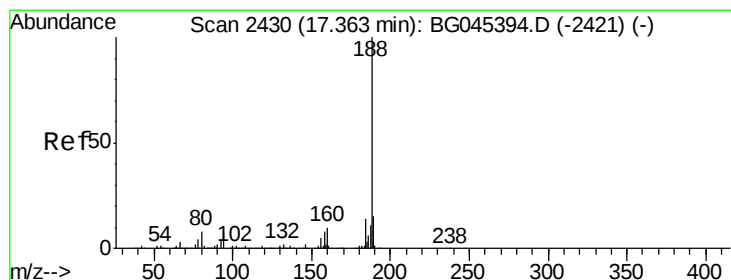
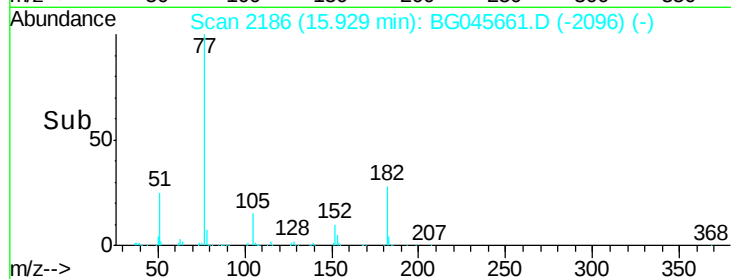
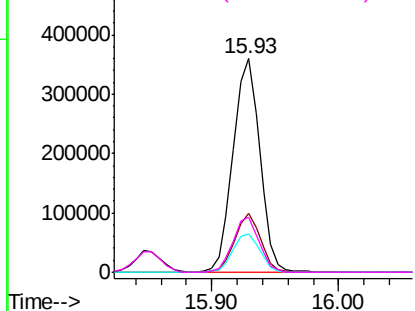
#63
Azobenzene
Concen: 43.957 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:	77	Resp:	522616
Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.5	46.5
105	18.2	0.0	37.9
51	25.8	4.1	44.1

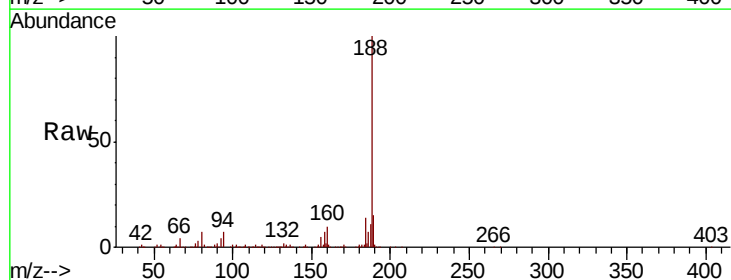


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

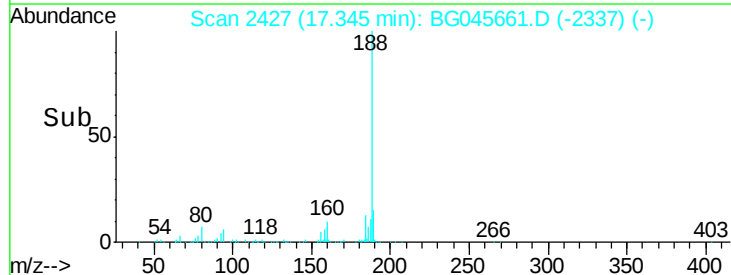
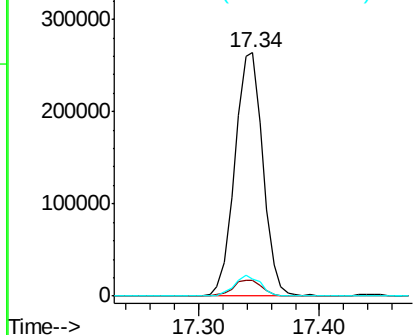


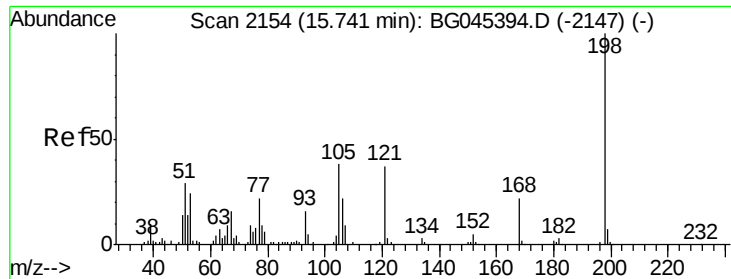
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:	188	Resp:	427079
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	7.0	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: 42.436 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

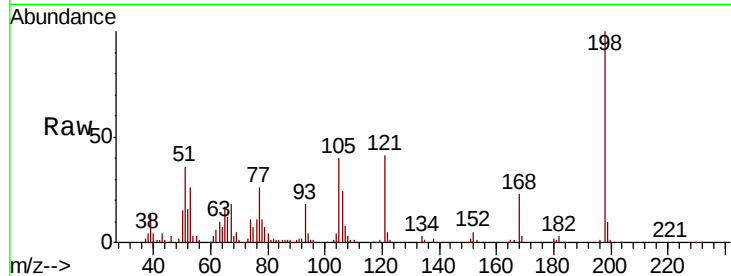
Tot Ion:198 Resp: 105550

Ion Ratio Lower Upper

198 100

51 36.2 10.0 50.0

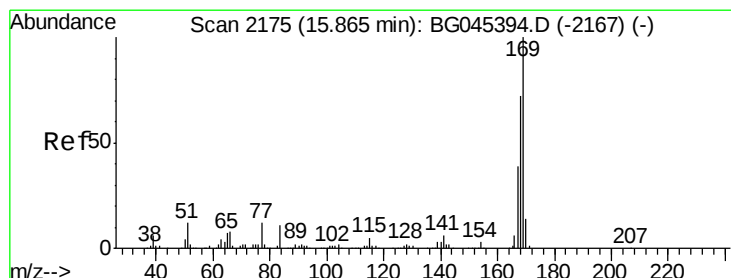
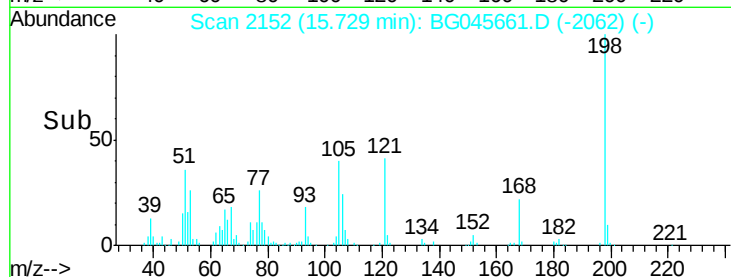
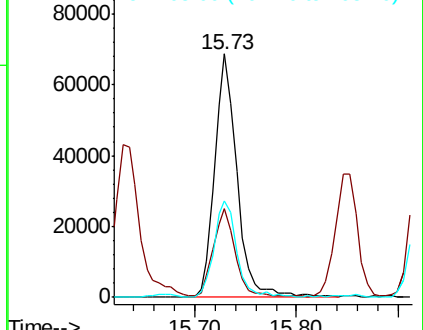
105 39.8 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.030 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

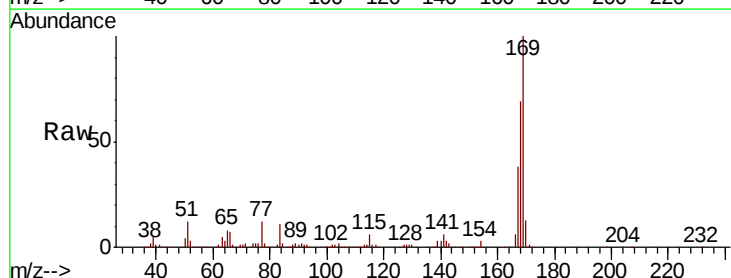
Tgt Ion:169 Resp: 451486

Ion Ratio Lower Upper

169 100

168 69.0 57.8 86.6

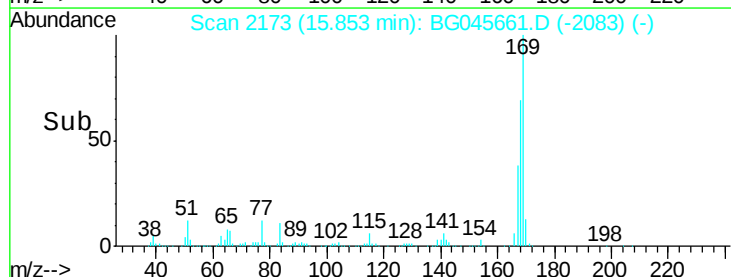
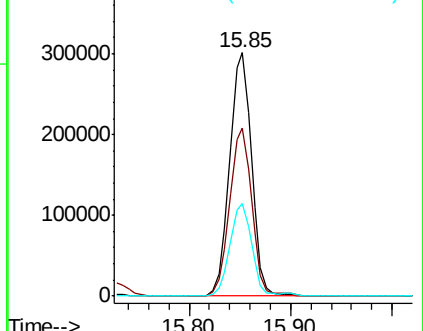
167 37.9 31.5 47.3

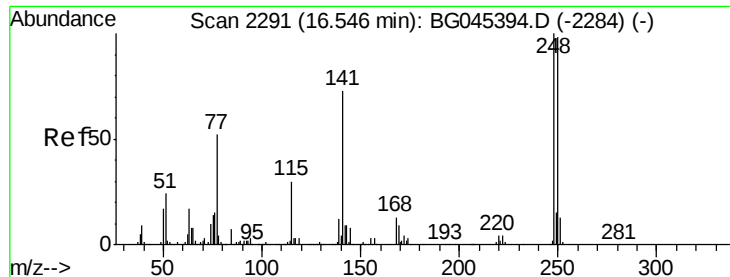


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

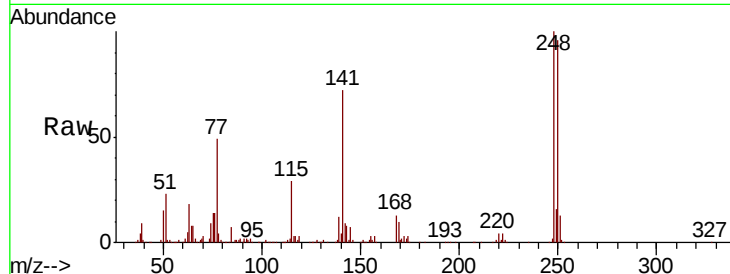




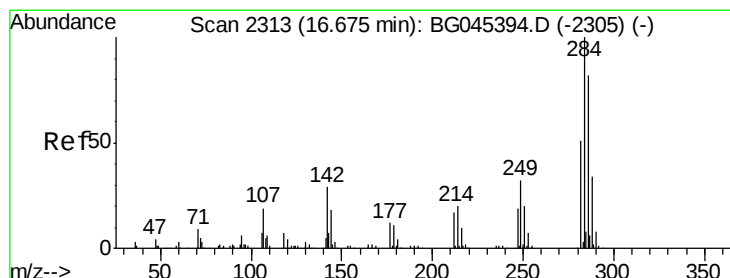
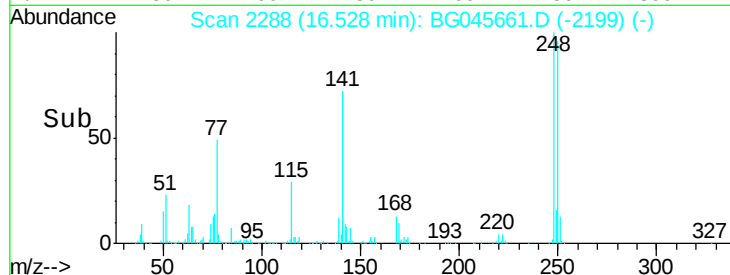
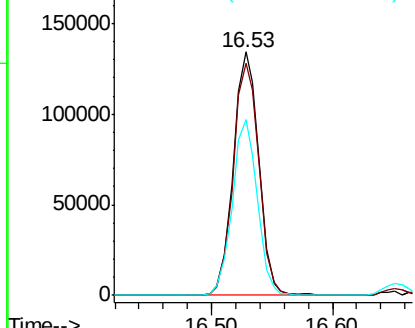
#67
4-Bromophenyl-phenylether
Concen: 42.602 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:248 Resp: 197015
Ion Ratio Lower Upper
248 100
250 95.5 78.6 117.8
141 72.2 58.2 87.2

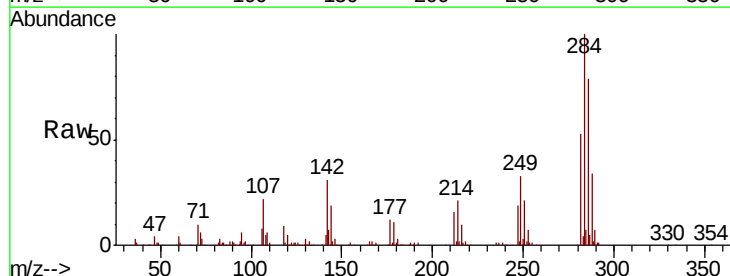


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

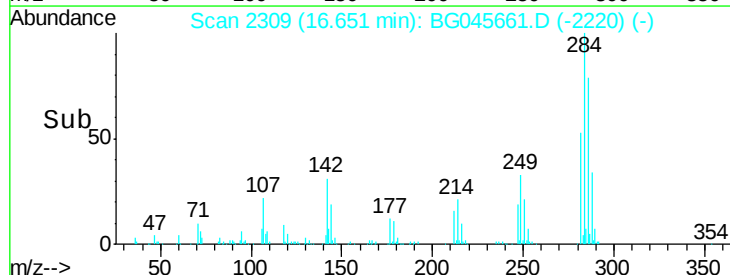
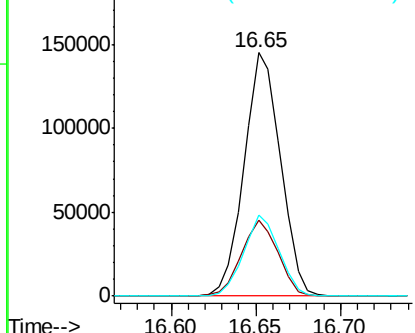


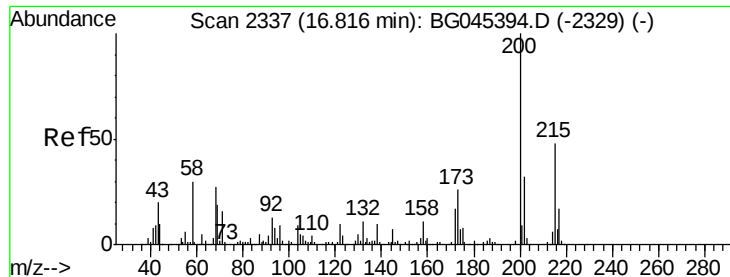
#68
Hexachlorobenzene
Concen: 44.900 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:284 Resp: 217179
Ion Ratio Lower Upper
284 100
142 31.3 23.0 34.6
249 33.2 25.8 38.6



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

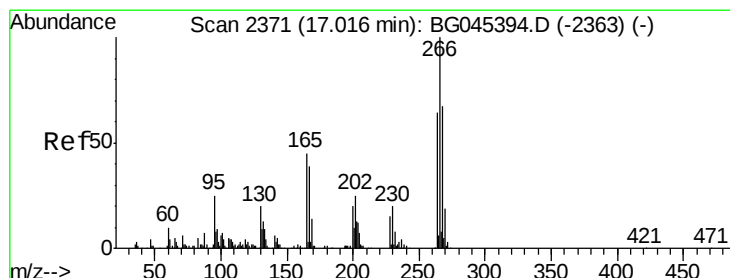
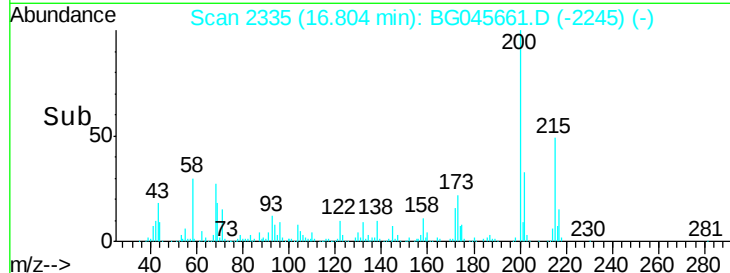
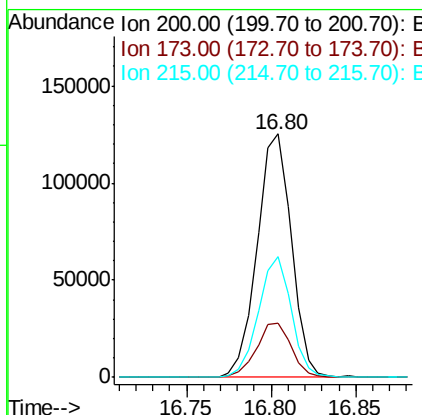




#69
 Atrazine
 Concen: 41.573 ng
 RT: 16.80 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

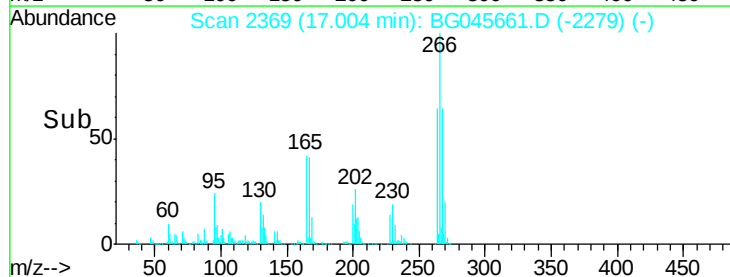
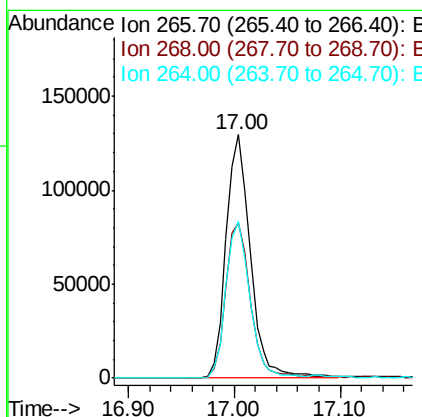
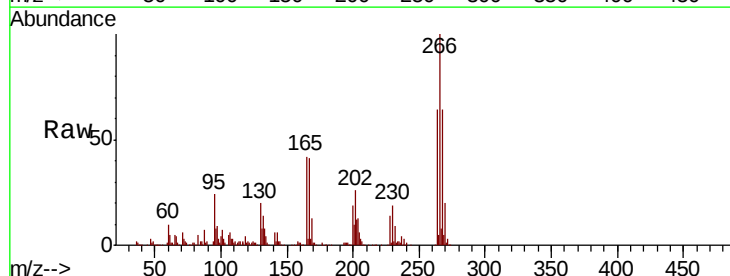
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

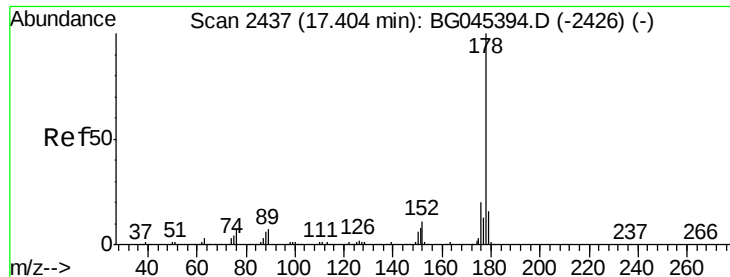
Tot Ion:200 Resp: 175588
 Ion Ratio Lower Upper
 200 100
 173 22.4 5.5 45.5
 215 49.3 28.2 68.2



#70
 Pentachlorophenol
 Concen: 82.779 ng
 RT: 17.00 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion:266 Resp: 207901
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.2 79.8
 264 64.3 51.0 76.4

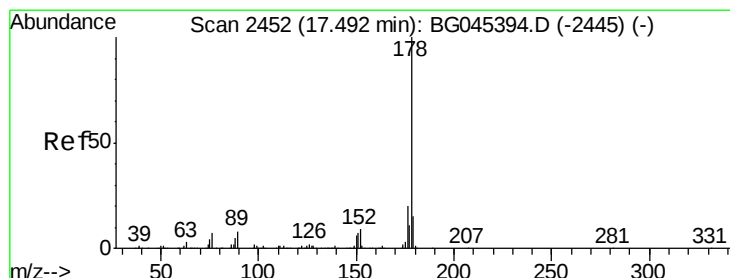
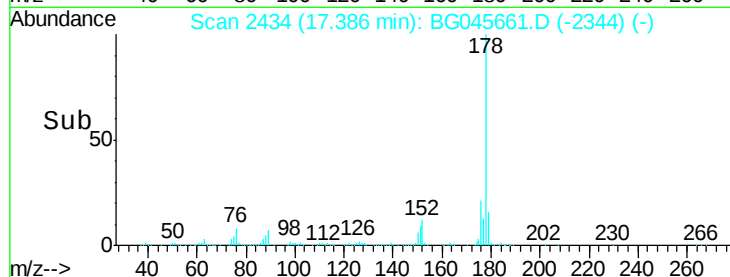
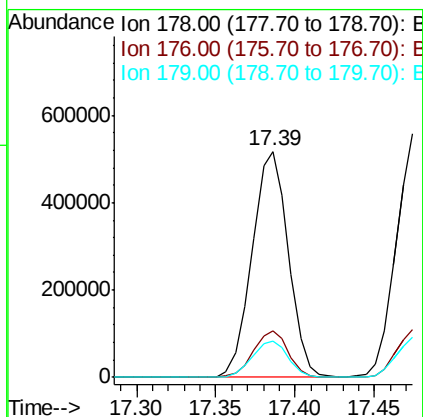
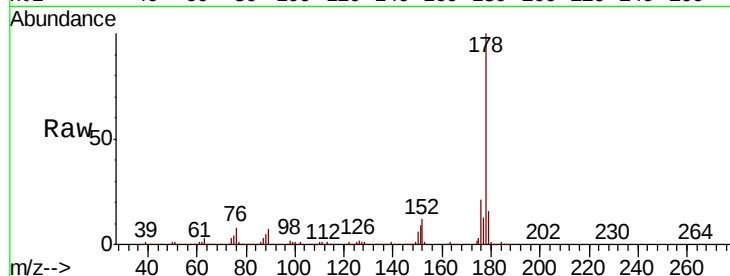




#71
Phenanthrene
Concen: 43.992 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

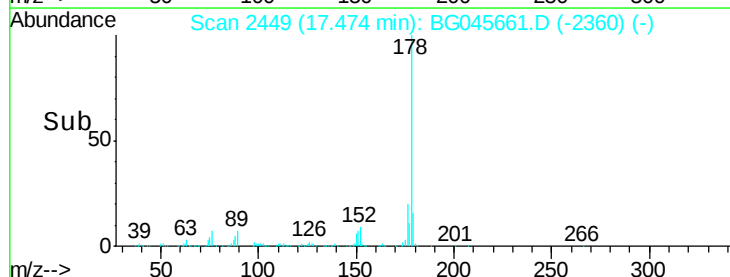
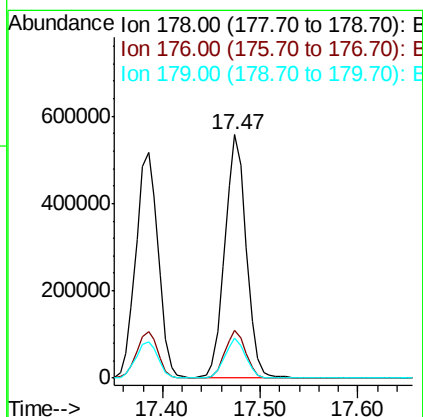
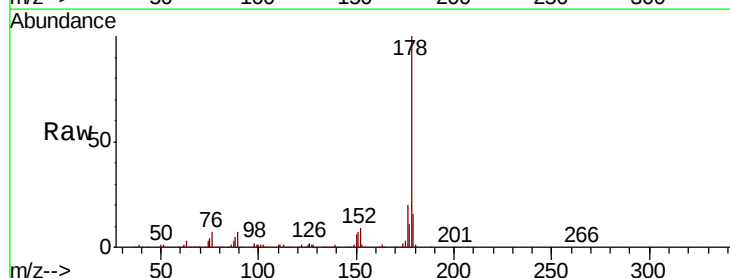
Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:178 Resp: 820195
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.3 13.1 19.7



#72
Anthracene
Concen: 45.175 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:178 Resp: 845825
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.5 12.2 18.4

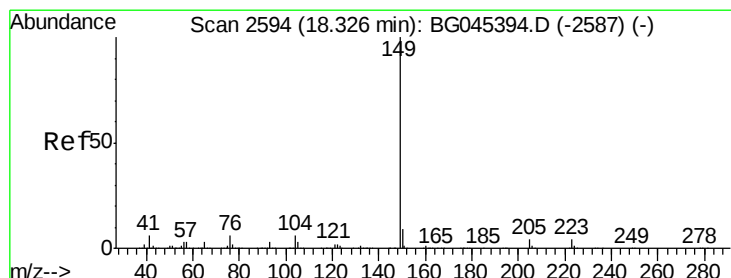
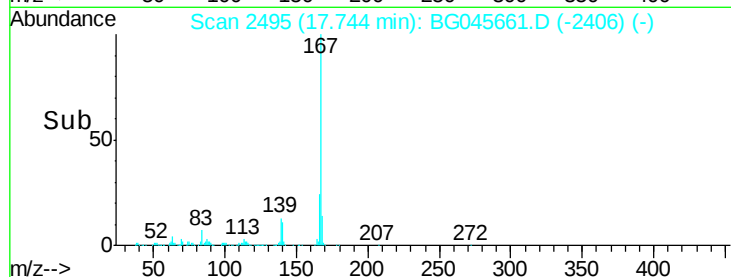
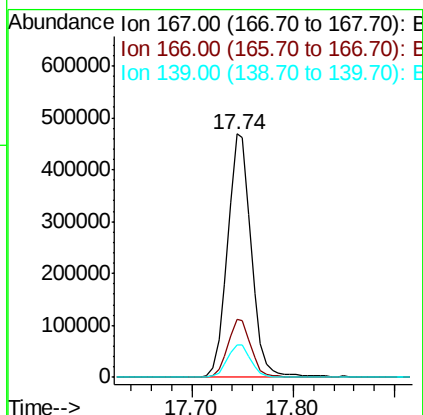
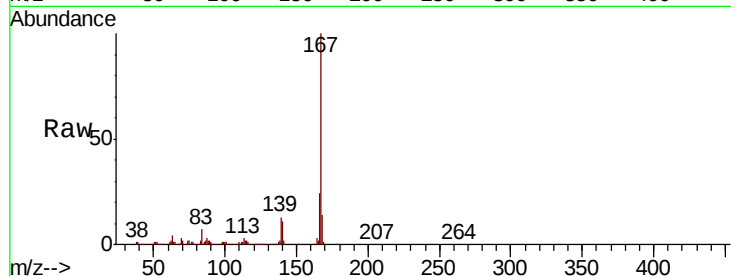




#73
 Carbazole
 Concen: 41.774 ng
 RT: 17.74 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

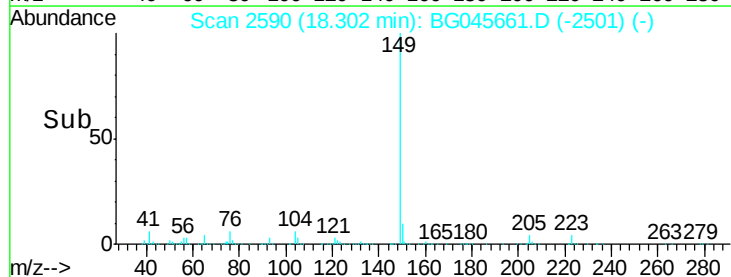
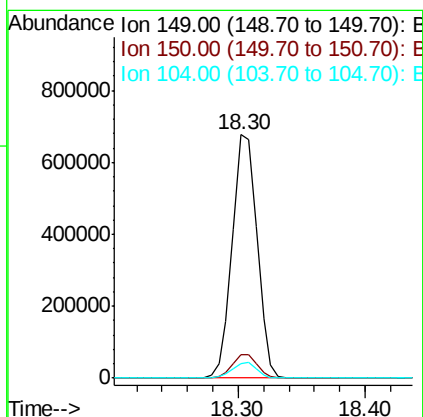
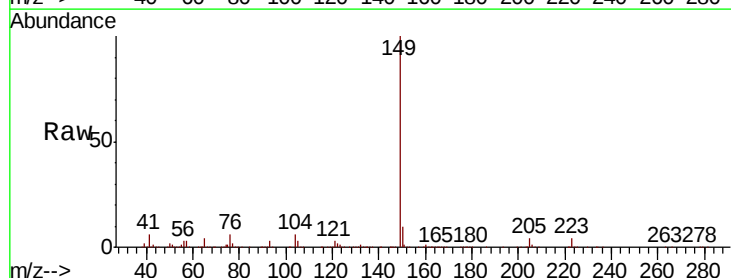
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BS

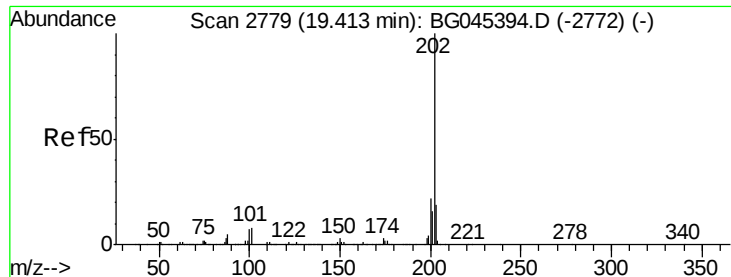
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	13.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 41.868 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG045661.D
 Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 42.554 ng

RT: 19.39 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

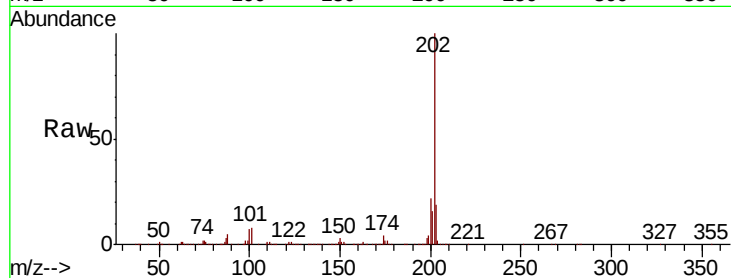
Tot Ion:202 Resp: 1009143

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

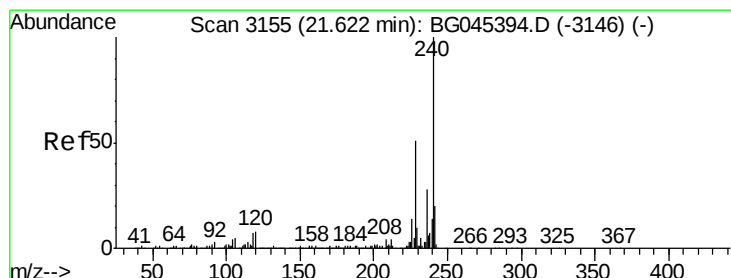
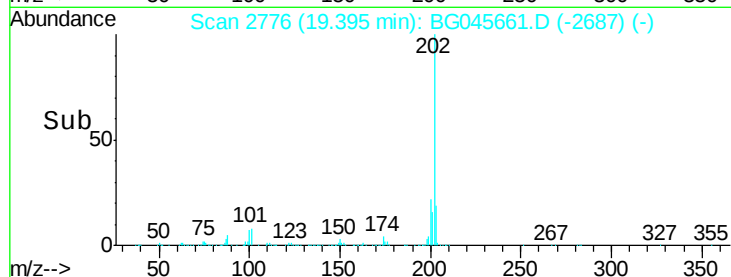
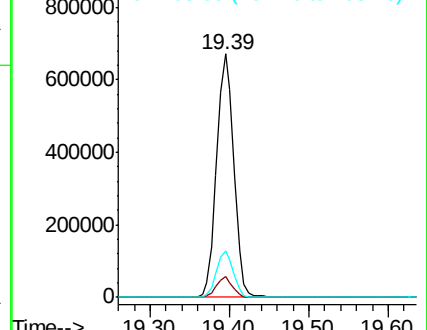
203 19.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

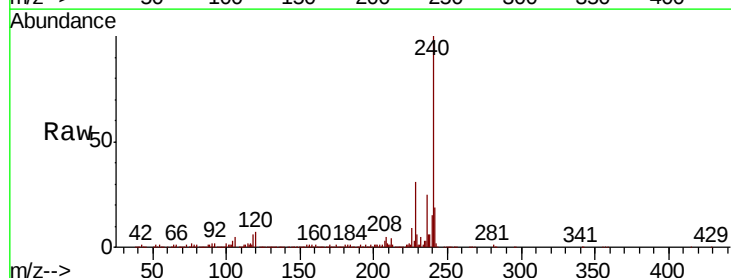
Tgt Ion:240 Resp: 396895

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

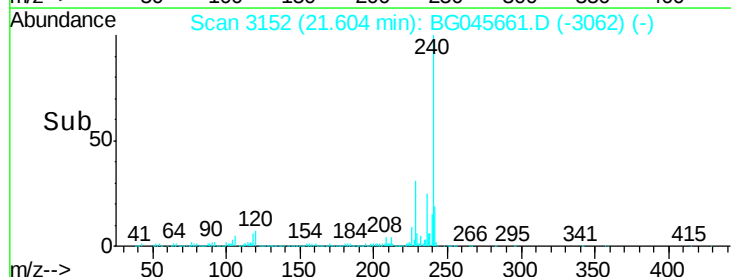
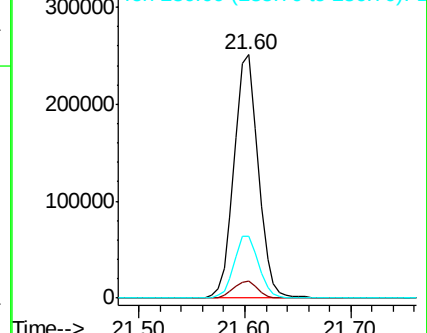
236 25.2 22.3 33.5

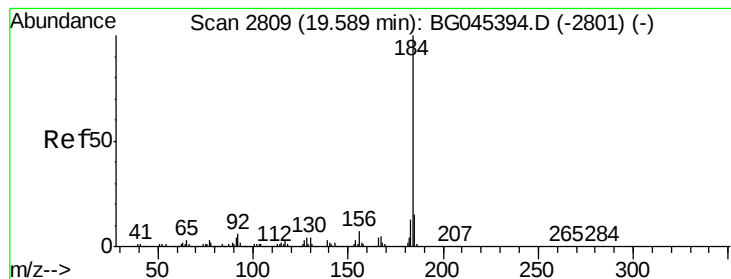


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.200 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

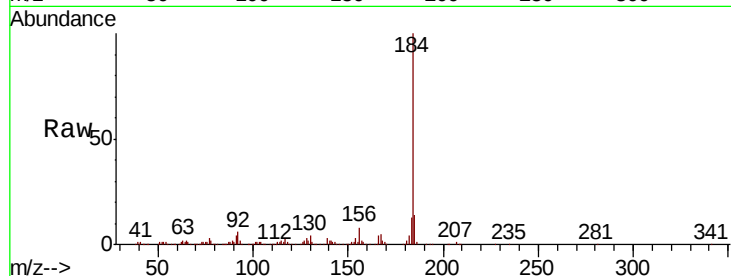
Tot Ion:184 Resp: 381222

Ion Ratio Lower Upper

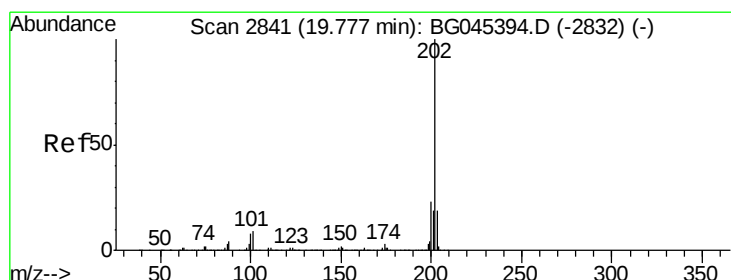
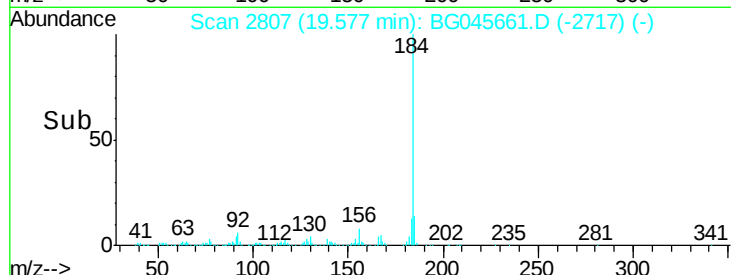
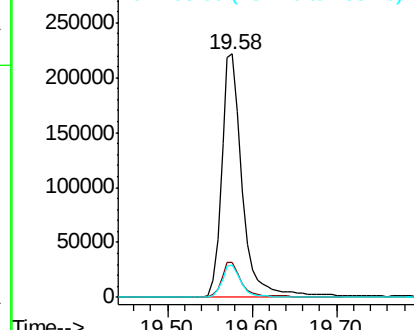
184 100

185 14.4 11.7 17.5

183 13.2 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.005 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

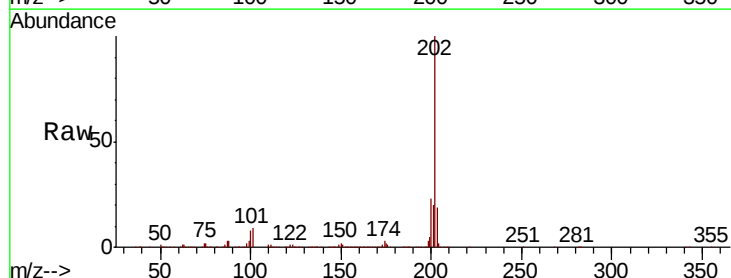
Tgt Ion:202 Resp: 995604

Ion Ratio Lower Upper

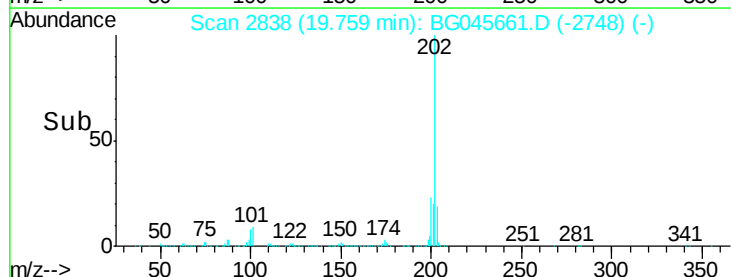
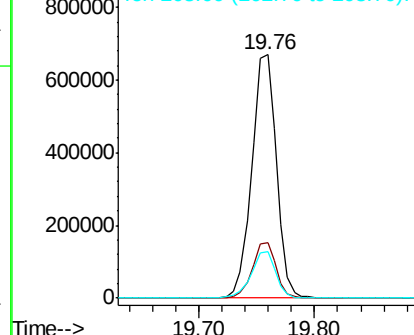
202 100

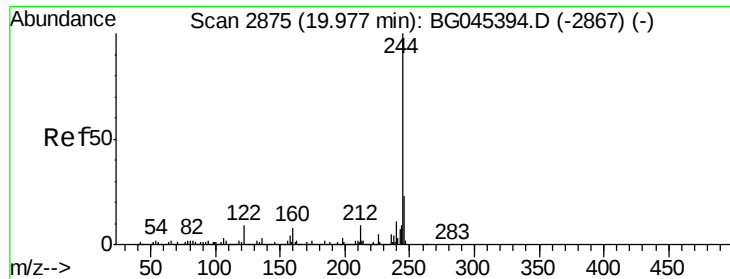
200 22.9 18.2 27.2

203 19.0 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: 91.944 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

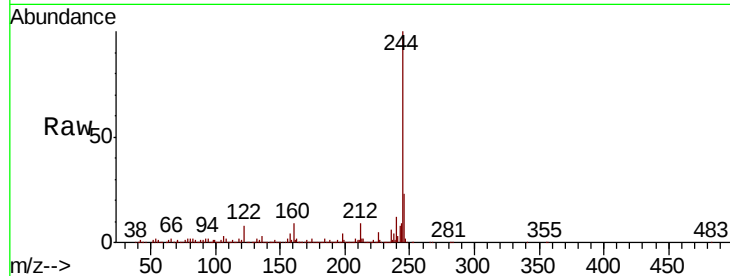
Tot Ion:244 Resp: 1564645

Ion Ratio Lower Upper

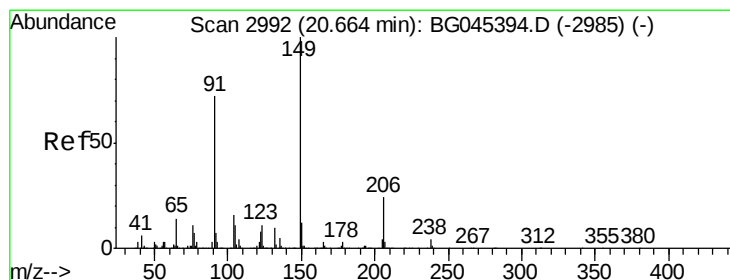
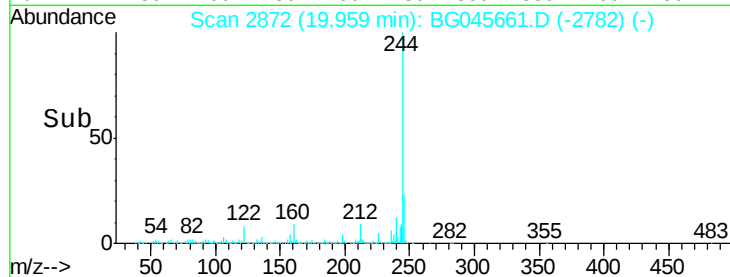
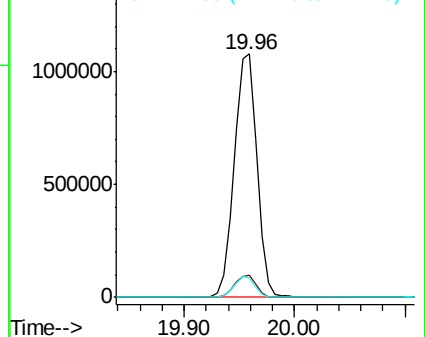
244 100

212 9.2 7.4 11.0

122 7.9 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: 41.228 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

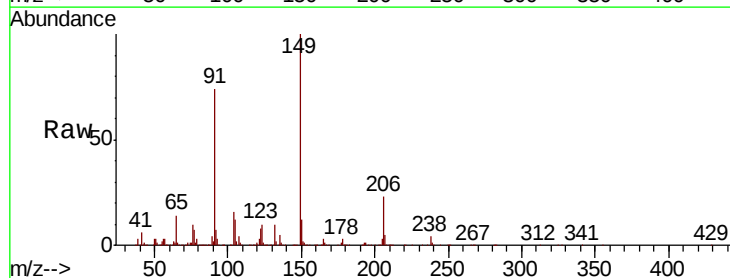
Tgt Ion:149 Resp: 402618

Ion Ratio Lower Upper

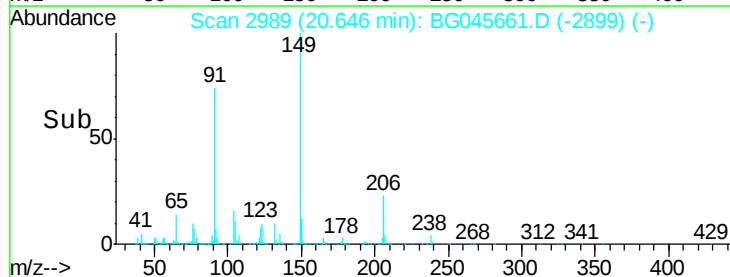
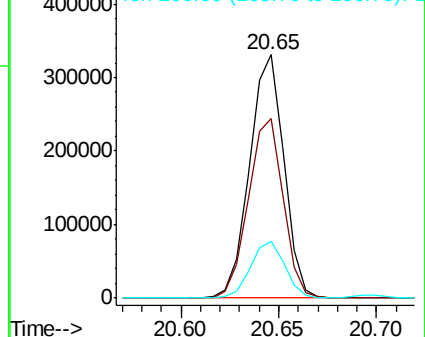
149 100

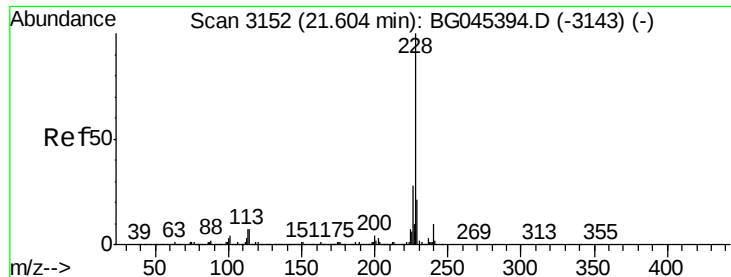
91 73.9 57.8 86.6

206 23.4 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.829 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

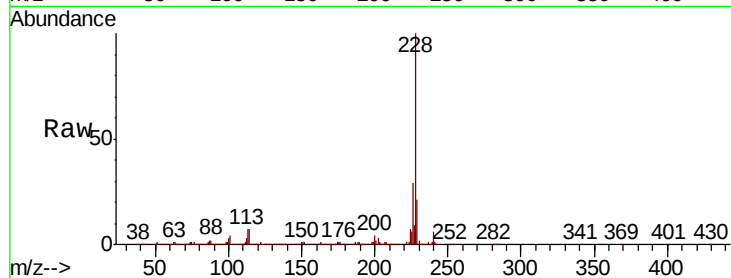
Tot Ion:228 Resp: 969044

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.3	16.7	25.1

228 100

226 28.9 22.7 34.1

229 21.3 16.7 25.1

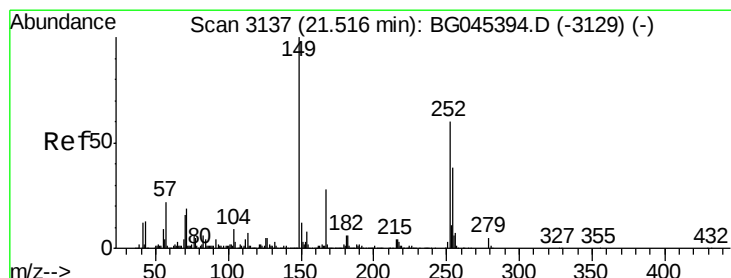
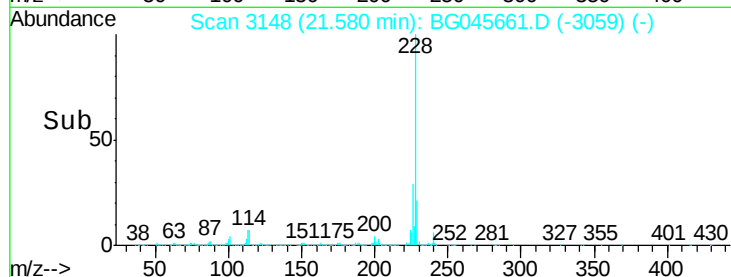
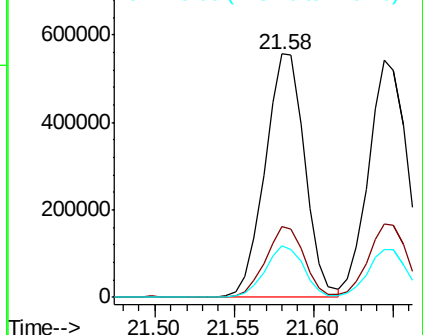


Abundance

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: 29.303 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

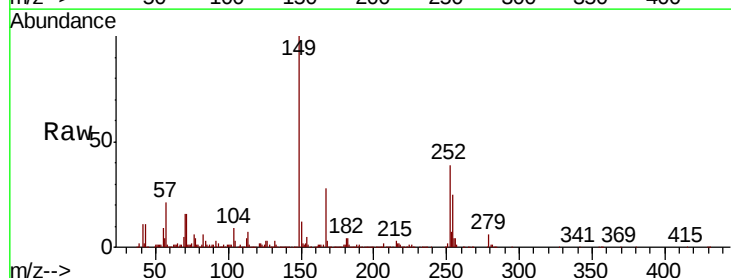
Tgt Ion:252 Resp: 254138

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	8.5	6.6	10.0

252 100

254 65.5 51.3 76.9

126 8.5 6.6 10.0

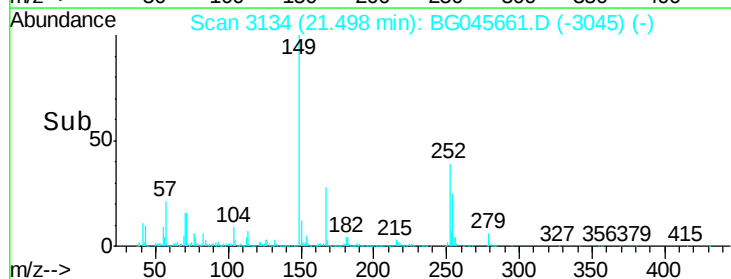
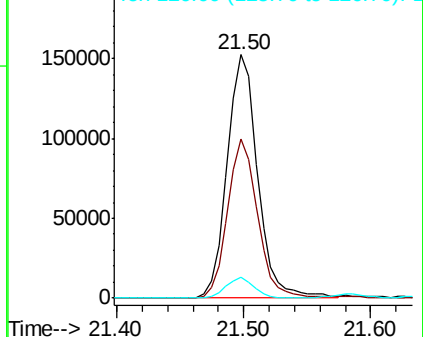


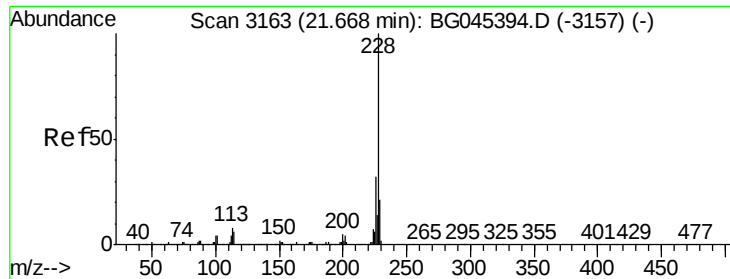
Abundance

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: 43.357 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

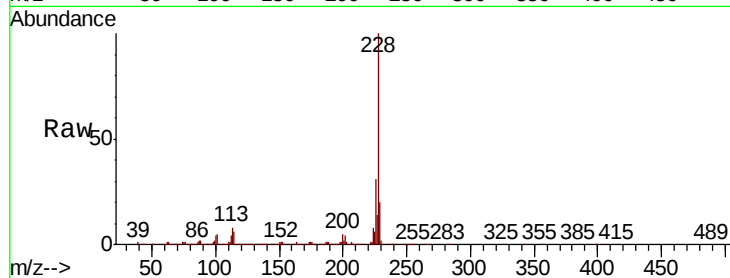
BNA_G

ClientSampleId :

PB129377BS

Tot Ion:228 Resp: 921733

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.1	16.7	25.1

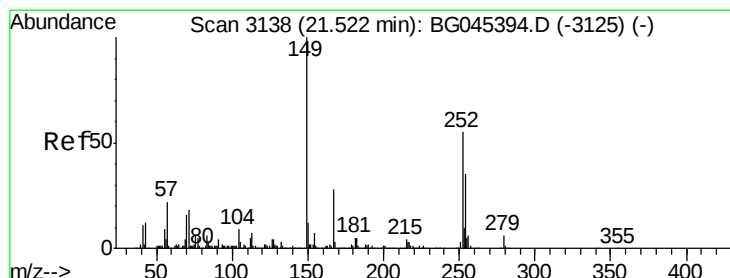
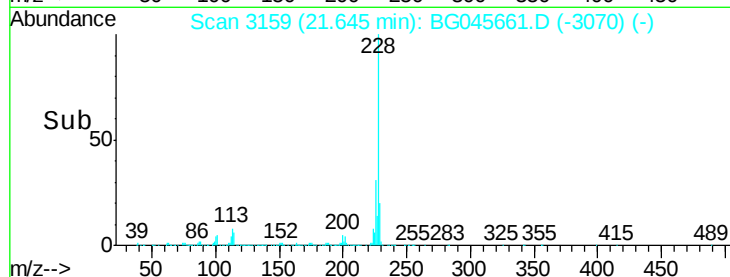
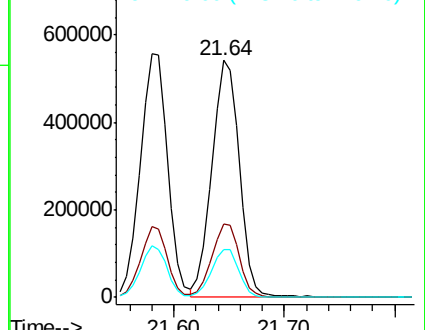


Abundance

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: 42.382 ng

RT: 21.49 min Scan# 3133

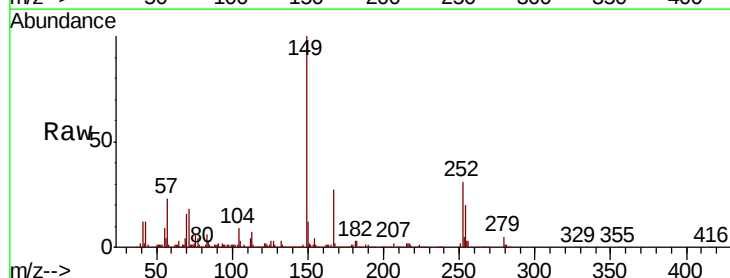
Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Tgt Ion:149 Resp: 568942

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	5.2	4.7	7.1

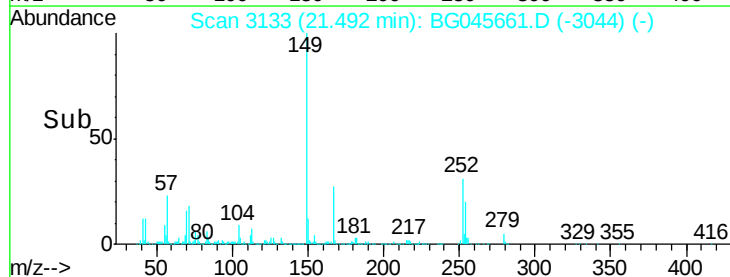
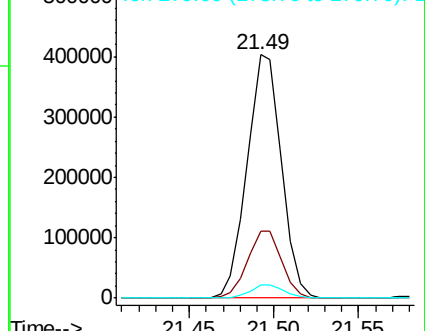


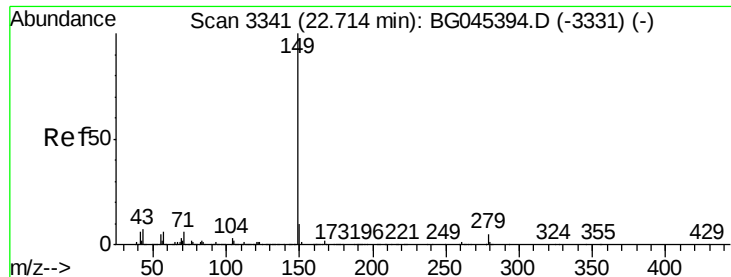
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.405 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

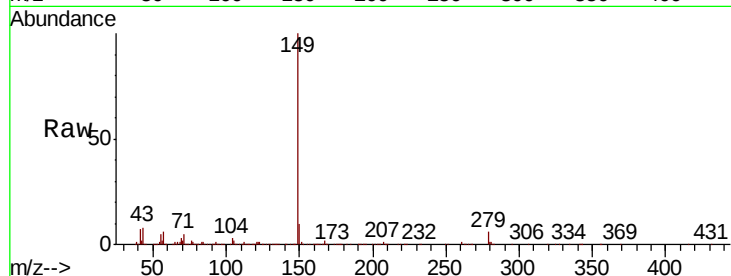
Tot Ion:149 Resp: 954636

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

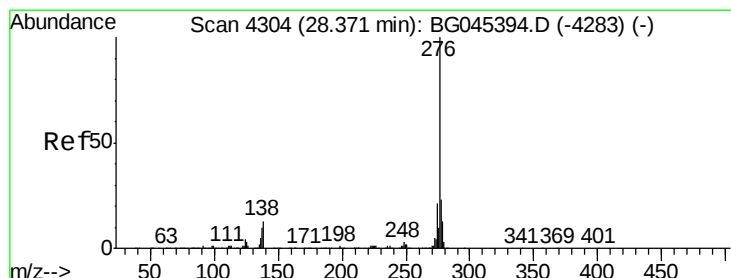
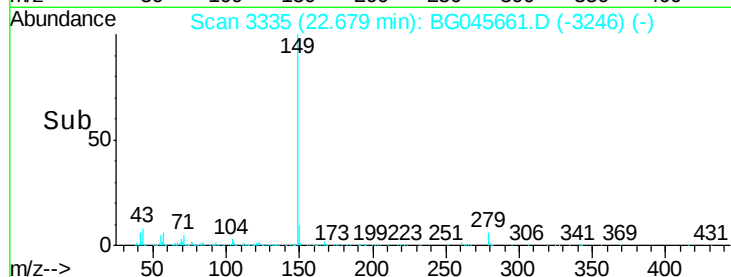
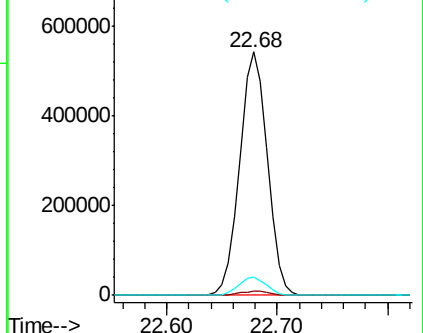
43 7.4 5.8 8.8



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: 42.723 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

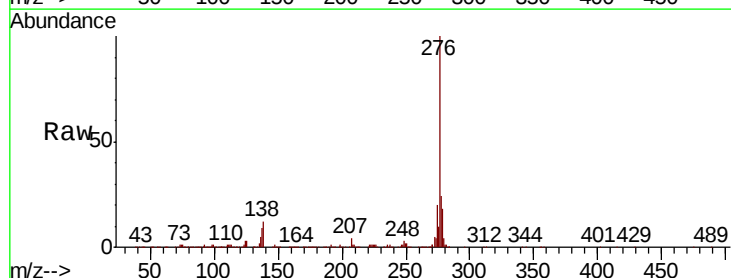
Tgt Ion:276 Resp: 1187711

Ion Ratio Lower Upper

276 100

138 14.5 8.6 12.8#

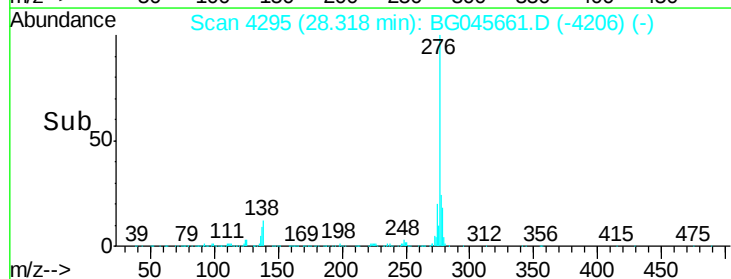
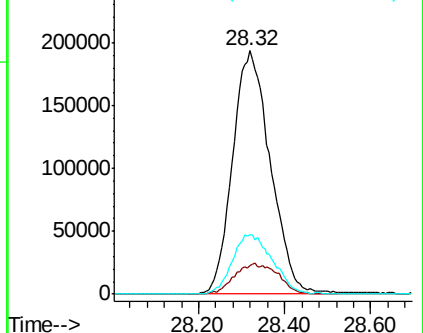
277 25.8 20.2 30.4

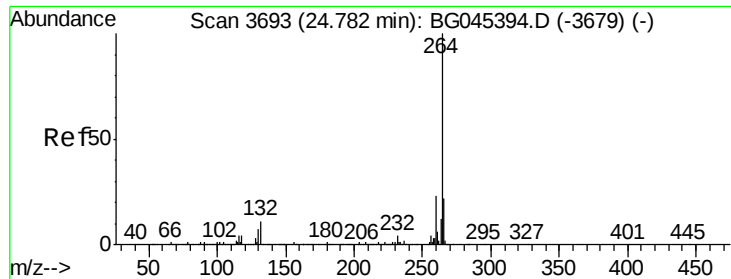


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

Instrument :

BNA_G

ClientSampleId :

PB129377BS

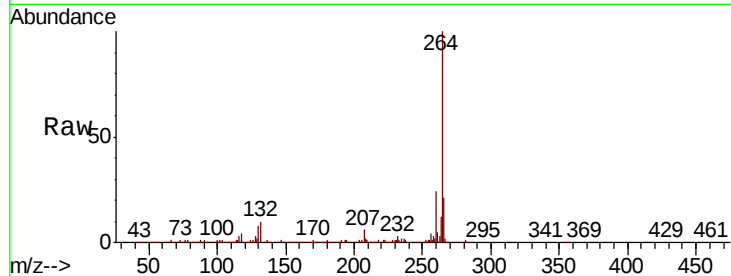
Tot Ion:264 Resp: 427846

Ion Ratio Lower Upper

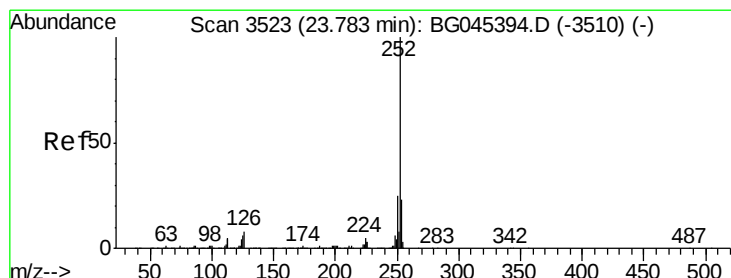
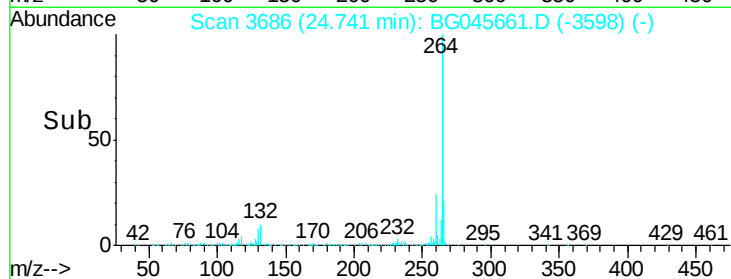
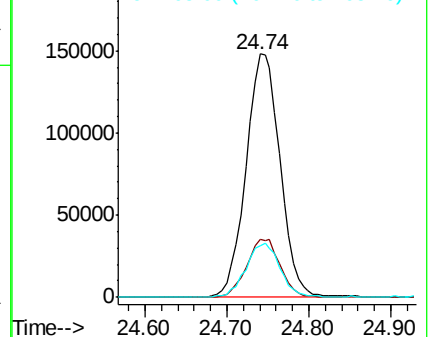
264 100

260 23.9 18.2 27.4

265 21.2 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: 44.454 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG045661.D

Acq: 9 Jun 2020 13:06

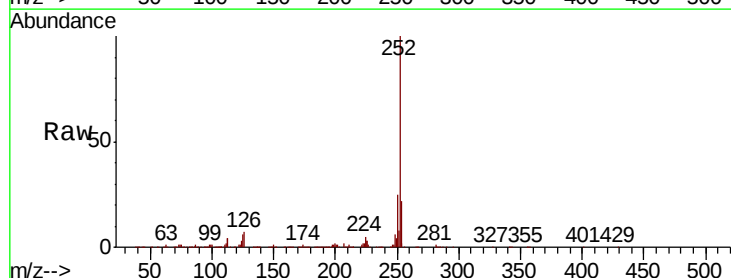
Tgt Ion:252 Resp: 1020043

Ion Ratio Lower Upper

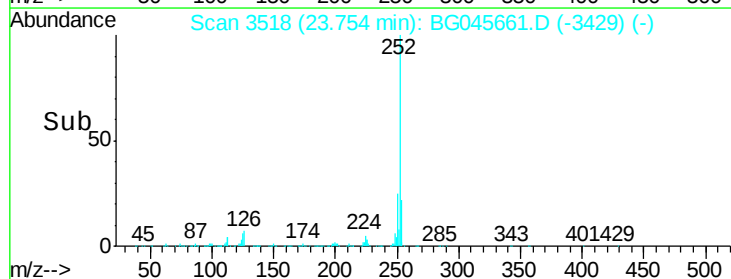
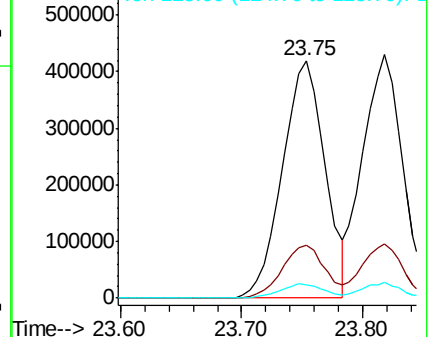
252 100

253 22.3 18.1 27.1

125 5.8 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

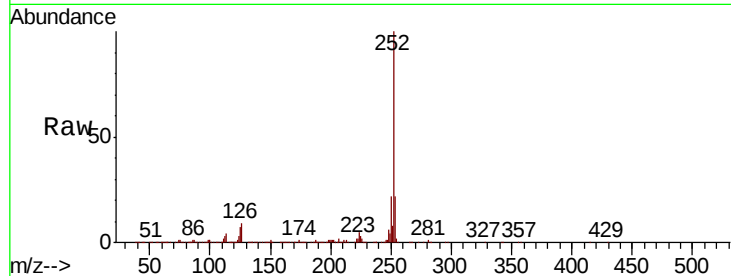




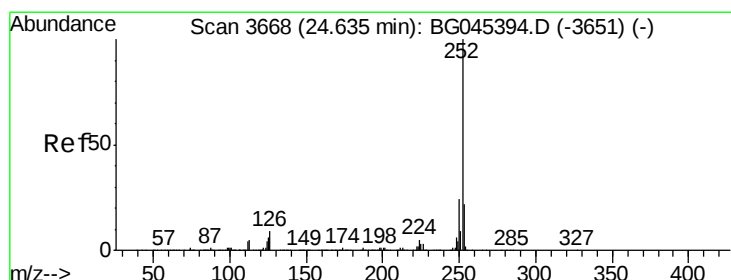
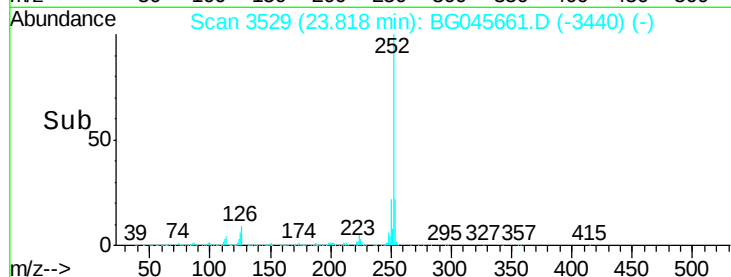
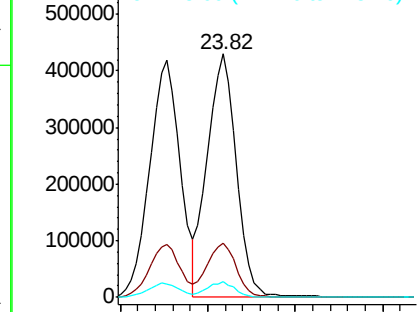
#89
Benzo(k)fluoranthene
Concen: 46.248 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion:252 Resp: 996984
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 6.5 5.7 8.5

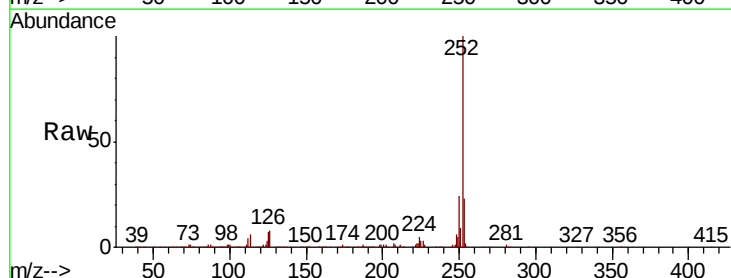


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

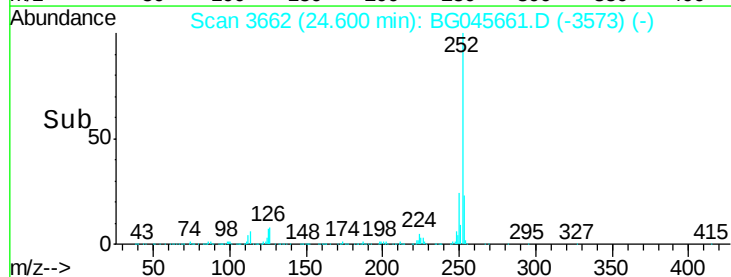
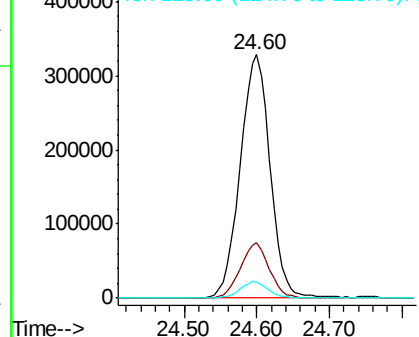


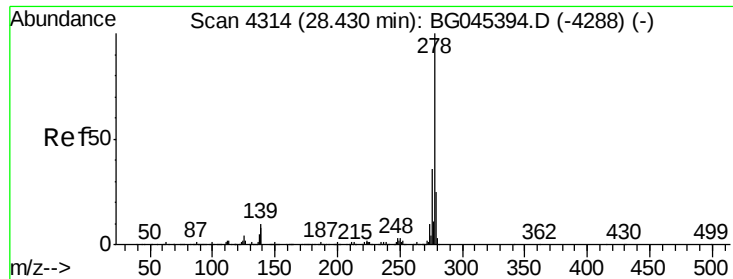
#90
Benzo(a)pyrene
Concen: 43.913 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion:252 Resp: 938420
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 6.7 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

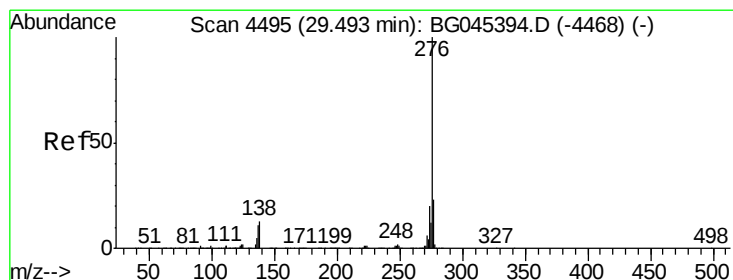
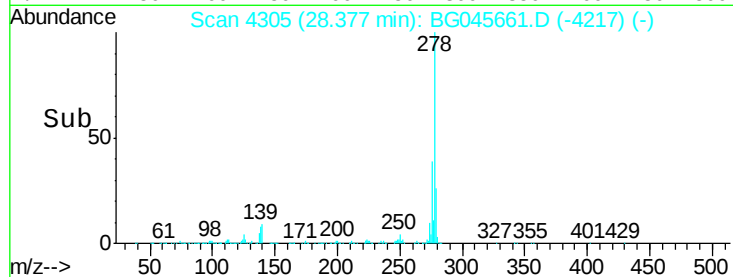
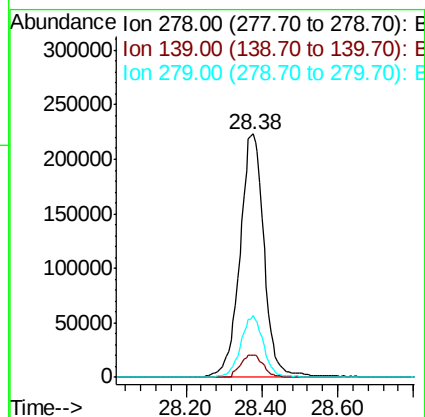
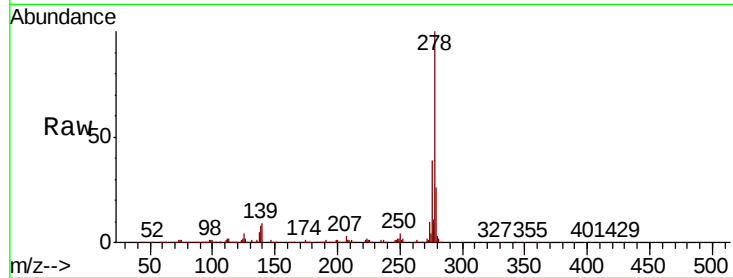




#91
Dibenzo(a,h)anthracene
Concen: 46.154 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Instrument :
BNA_G
ClientSampleId :
PB129377BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	25.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 45.713 ng
RT: 29.43 min Scan# 4485
Delta R.T. -0.01 min
Lab File: BG045661.D
Acq: 9 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.1	27.1
138	11.4	10.2	15.4

