

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045774.D
 Acq On : 16 Jun 2020 16:01
 Operator : CG/JU
 Sample : PB129573BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

Quant Time: Jun 16 17:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51438	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	207978	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	160268	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	380584	20.00	ng	0.00
76) Chrysene-d12	21.57	240	353288	20.00	ng	0.00
86) Perylene-d12	24.70	264	386605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	477275	156.74	ng	0.00
7) Phenol-d6	7.16	99	675098	145.75	ng	0.00
23) Nitrobenzene-d5	9.09	82	436344	95.85	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	356775	147.45	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1033223	94.74	ng	0.00
79) Terphenyl-d14	19.94	244	1752192	100.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	48097	34.487	ng	94
3) Pyridine	3.76	79	142140	34.393	ng	97
4) n-Nitrosodimethylamine	3.68	42	64120	46.222	ng	# 97
6) Aniline	7.25	93	220916	40.507	ng	95
8) 2-Chlorophenol	7.51	128	153558	47.113	ng	97
9) Benzaldehyde	7.05	77	101231	36.388	ng	98
10) Phenol	7.19	94	206046	45.912	ng	93
11) bis(2-Chloroethyl)ether	7.34	93	141230	41.431	ng	99
12) 1,3-Dichlorobenzene	7.81	146	164618	42.381	ng	98
13) 1,4-Dichlorobenzene	7.95	146	166991	43.042	ng	98
14) 1,2-Dichlorobenzene	8.27	146	157689	42.455	ng	98
15) Benzyl Alcohol	8.18	79	160062	44.656	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	133572	41.576	ng	85
17) 2-Methylphenol	8.42	107	140381	42.031	ng	95
18) Hexachloroethane	9.00	117	63405	43.030	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	134917	44.306	ng	98
20) 3+4-Methylphenols	8.76	107	188205	42.847	ng	91
22) Acetophenone	8.75	105	242680	42.513	ng	96
24) Nitrobenzene	9.13	77	200636	41.333	ng	100
25) Isophorone	9.65	82	362928	41.179	ng	98
26) 2-Nitrophenol	9.84	139	90636	44.818	ng	95
27) 2,4-Dimethylphenol	9.94	122	146802	47.546	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	198792	43.181	ng	99
29) 2,4-Dichlorophenol	10.41	162	166435	46.203	ng	93
30) 1,2,4-Trichlorobenzene	10.59	180	178074	41.757	ng	96
31) Naphthalene	10.78	128	486741	42.808	ng	99
32) Benzoic acid	10.15	122	89769	45.423	ng	95
33) 4-Chloroaniline	10.90	127	151300	31.775	ng	98
34) Hexachlorobutadiene	11.07	225	125584	41.408	ng	98
35) Caprolactam	11.67	113	30078	25.803	ng	93
36) 4-Chloro-3-methylphenol	12.08	107	195363	46.971	ng	95
37) 2-Methylnaphthalene	12.39	142	374930	44.282	ng	98
38) 1-Methylnaphthalene	12.60	142	360966	45.051	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	214407	40.629	ng	98

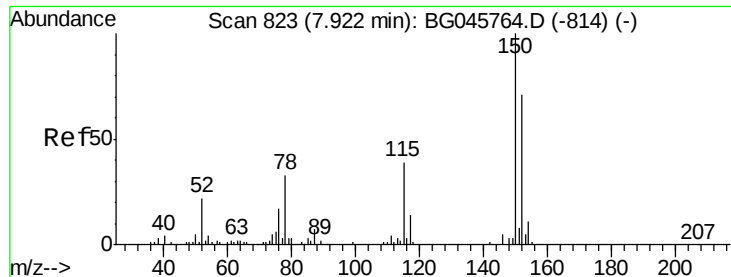
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	258966	87.909	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	152912	42.737	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	165871	40.676	nq	97
46) 1,1'-Biphenyl	13.40	154	488869	42.606	nq	98
47) 2-Chloronaphthalene	13.44	162	381707	41.182	nq	97
48) 2-Nitroaniline	13.66	65	129377	41.963	nq	96
49) Acenaphthylene	14.29	152	623899	42.024	nq	99
50) Dimethylphthalate	14.03	163	531974	42.370	nq	99
51) 2,6-Dinitrotoluene	14.15	165	119908	42.521	nq	98
52) Acenaphthene	14.63	154	379405	42.161	nq	96
53) 3-Nitroaniline	14.50	138	96013	34.087	nq	100
54) 2,4-Dinitrophenol	14.70	184	133248	84.346	nq	94
55) Dibenzofuran	14.97	168	630076	43.100	nq	99
56) 4-Nitrophenol	14.88	139	159158	78.923	nq	97
57) 2,4-Dinitrotoluene	14.94	165	172559	42.709	nq	# 99
58) Fluorene	15.62	166	528043	43.439	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	161071	45.509	nq	96
60) Diethylphthalate	15.39	149	564078	43.949	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	300942	42.953	nq	99
62) 4-Nitroaniline	15.67	138	106354	36.791	nq	93
63) Azobenzene	15.91	77	543599	44.109	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	110702	47.067	nq	97
66) n-Nitrosodiphenylamine	15.84	169	467385	43.358	nq	97
67) 4-Bromophenyl-phenylether	16.51	248	203525	41.156	nq	97
68) Hexachlorobenzene	16.63	284	229740	44.802	nq	91
69) Atrazine	16.79	200	180959	43.261	nq	96
70) Pentachlorophenol	16.99	266	224849	88.060	nq	95
71) Phenanthrene	17.36	178	846509	43.127	nq	99
72) Anthracene	17.45	178	866386	44.326	nq	99
73) Carbazole	17.73	167	780575	41.942	nq	99
74) Di-n-butylphthalate	18.29	149	951327	43.171	nq	99
75) Fluoranthene	19.38	202	1048582	43.444	nq	100
77) Benzidine	19.56	184	592379	64.498	nq	98
78) Pyrene	19.74	202	1011856	42.771	nq	98
80) Butylbenzylphthalate	20.62	149	412962	41.703	nq	93
81) Benzo(a)anthracene	21.56	228	994758	43.430	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	302717	34.940	nq	98
83) Chrysene	21.62	228	938541	42.364	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	589905	42.828	nq	98
85) Di-n-octyl phthalate	22.65	149	993794	41.828	nq	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1250065	44.602	nq	# 99
88) Benzo(b)fluoranthene	23.71	252	1064729	43.925	nq	98
89) Benzo(k)fluoranthene	23.78	252	1024120	44.144	nq	98
90) Benzo(a)pyrene	24.56	252	981916	43.365	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1034271	46.018	nq	99
92) Benzo(g,h,i)perylene	29.36	276	1013342	45.046	nq	97

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

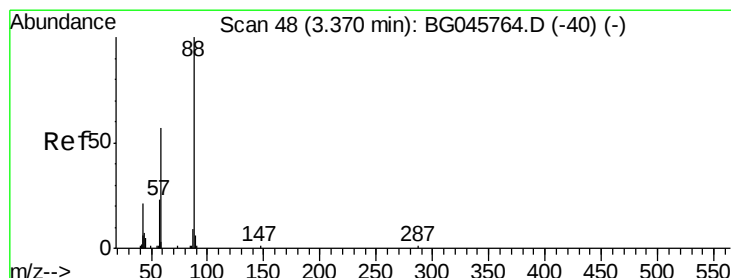
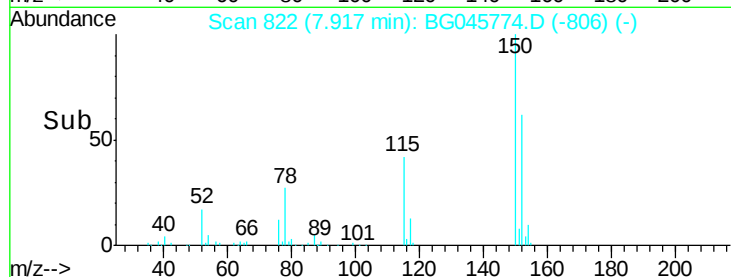
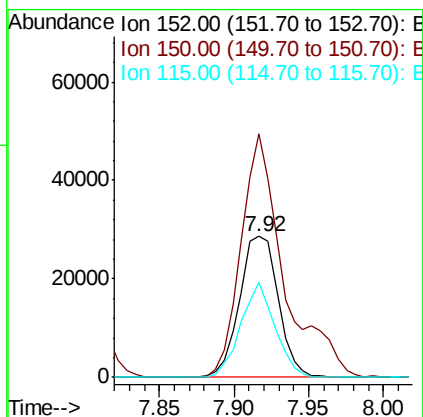
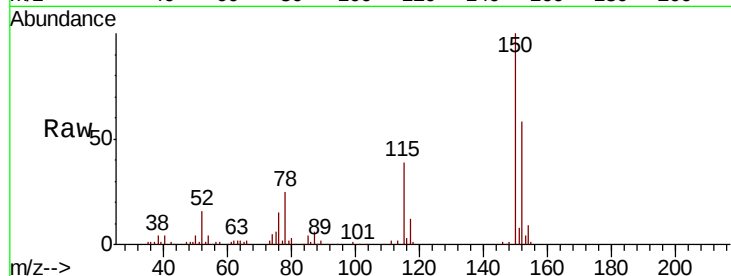


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129573BS

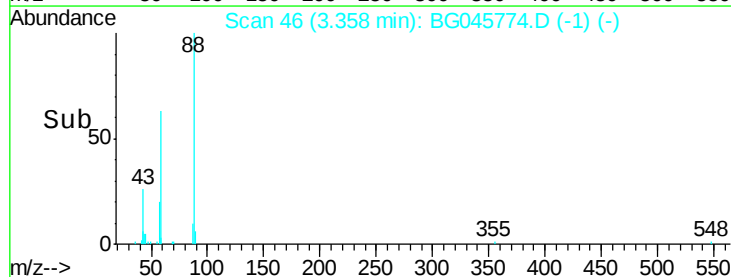
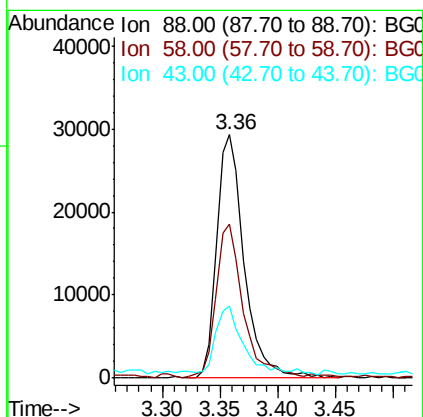
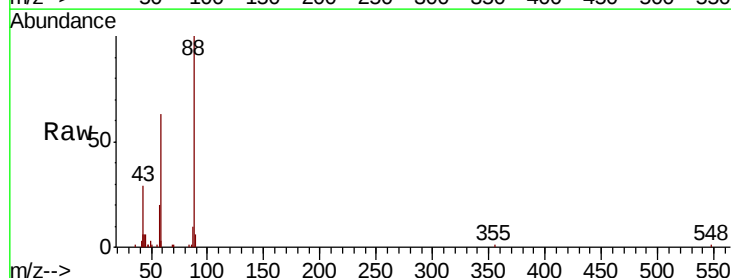
Tot Ion:152 Resp: 51438
Ion Ratio Lower Upper
152 100
150 172.9 113.1 169.7#
115 67.9 43.8 65.6#

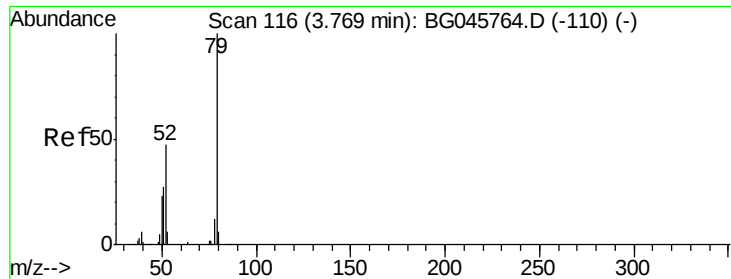


#2

1,4-Dioxane
Concen: 34.487 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion: 88 Resp: 48097
Ion Ratio Lower Upper
88 100
58 62.9 46.1 69.1
43 26.1 19.2 28.8

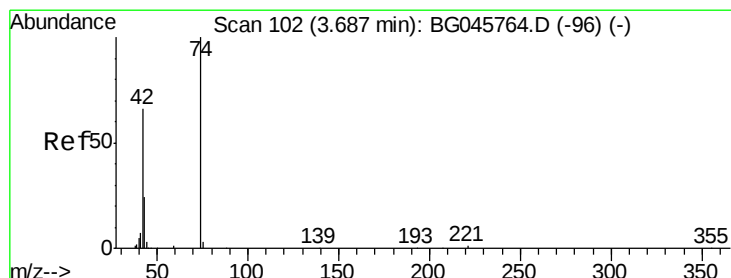
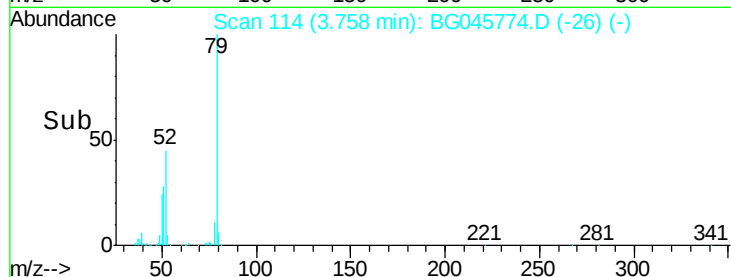
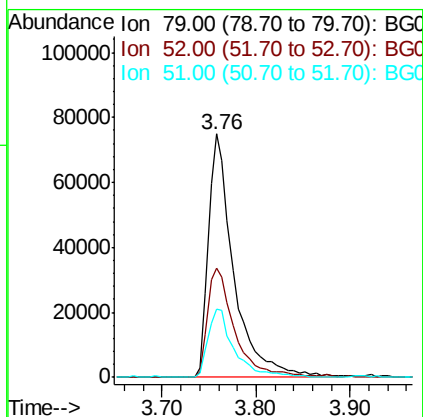
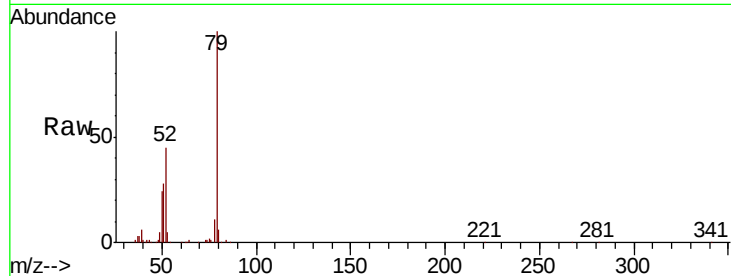




#3
 Pvridine
 Concen: 34.393 ng
 RT: 3.76 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

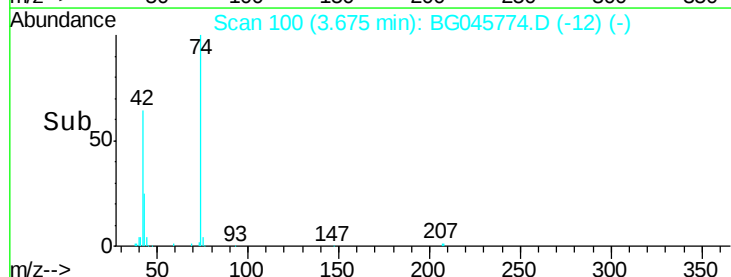
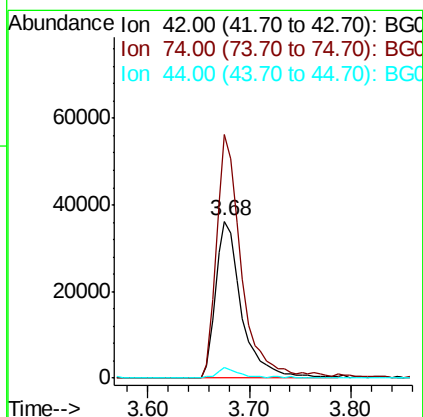
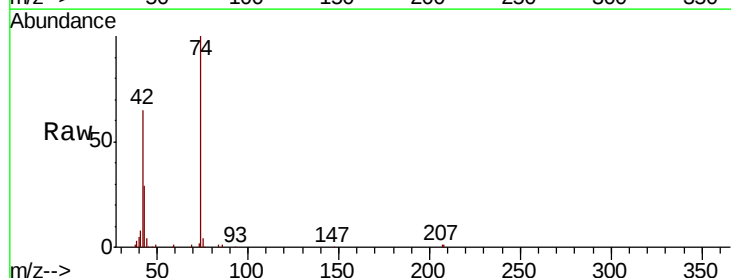
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

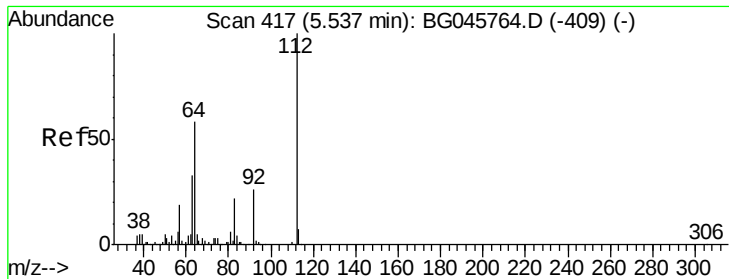
Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	45.1	37.9	56.9
51	51	28.2	22.0	33.0



#4
 n-Nitrosodimethylamine
 Concen: 46.222 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	155.0	121.0	181.4
44	44	6.8	3.5	5.3





#5

2-Fluorophenol

Concen: 156.738 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

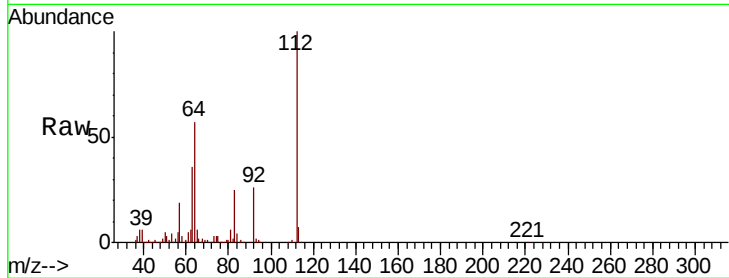
Tot Ion:112 Resp: 477275

Ion Ratio Lower Upper

112 100

64 57.5 46.6 69.8

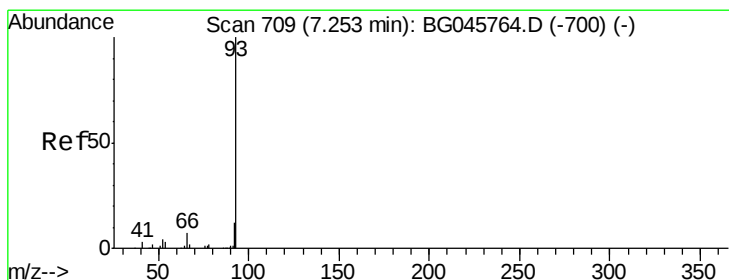
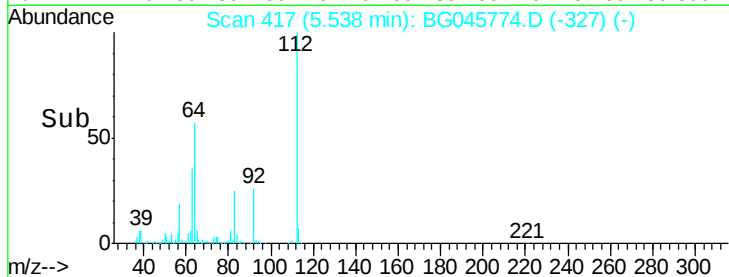
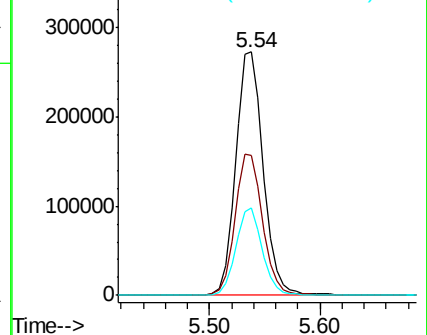
63 35.9 26.3 39.5



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: 40.507 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

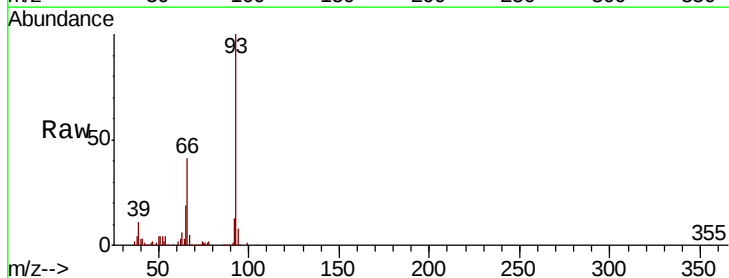
Tgt Ion: 93 Resp: 220916

Ion Ratio Lower Upper

93 100

66 41.0 30.0 45.0

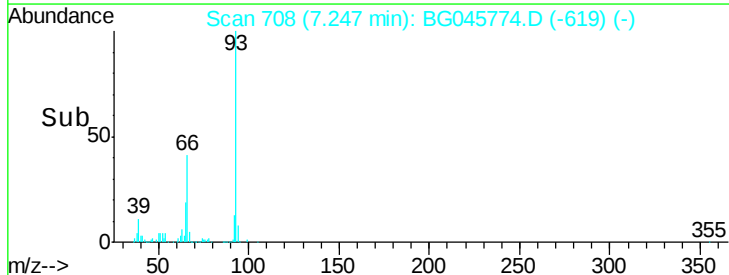
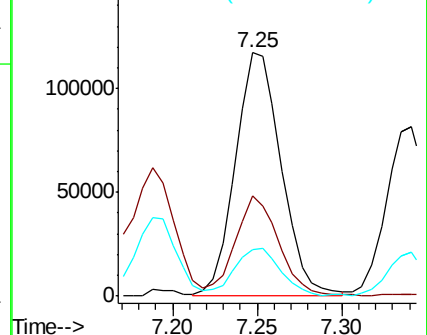
65 19.3 14.7 22.1

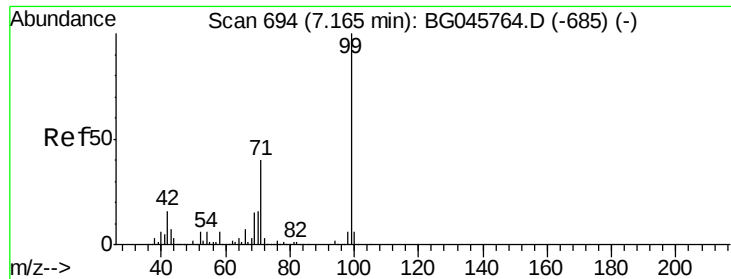


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.753 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

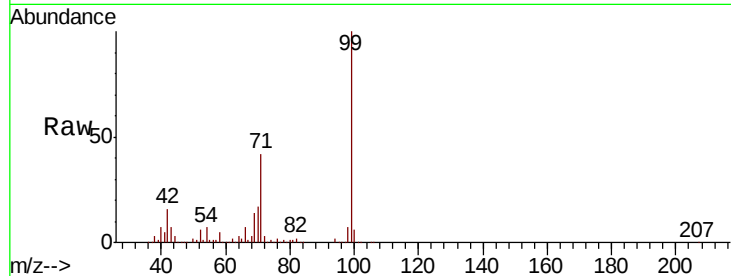
Tot Ion: 99 Resp: 675098

Ion Ratio Lower Upper

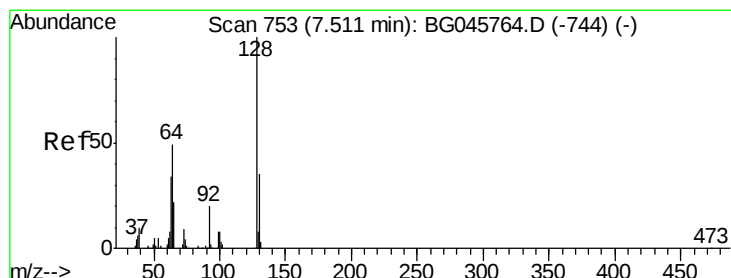
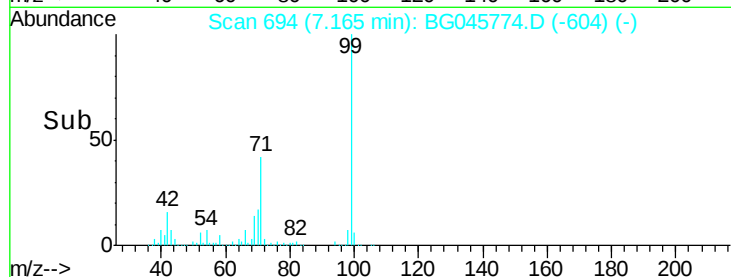
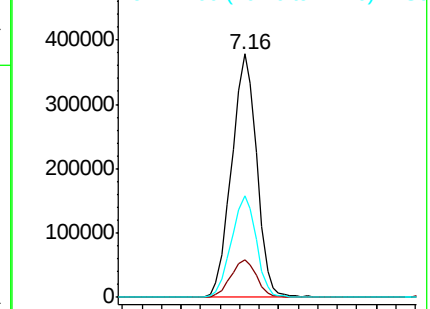
99 100

42 15.6 12.4 18.6

71 41.8 32.1 48.1



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: 47.113 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

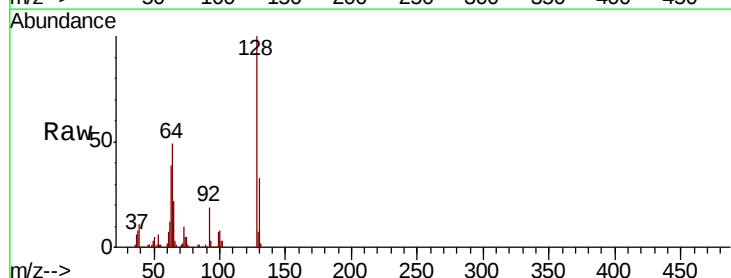
Tgt Ion:128 Resp: 153558

Ion Ratio Lower Upper

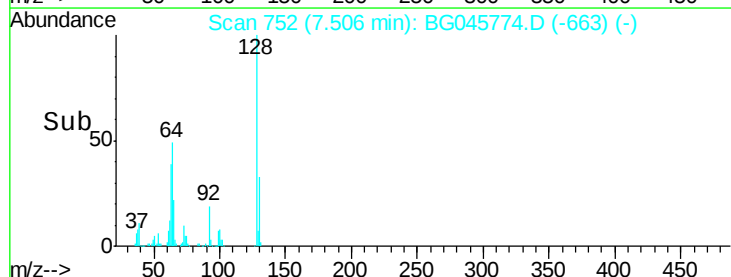
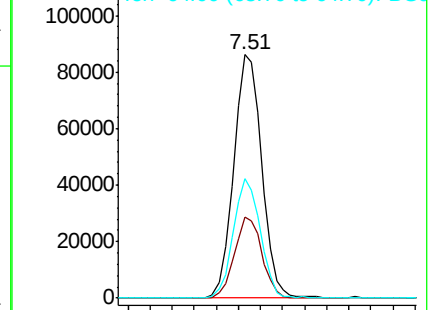
128 100

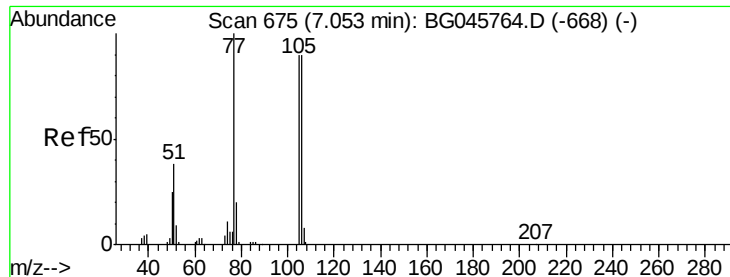
130 33.4 14.5 54.5

64 49.3 31.6 71.6



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: 36.388 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

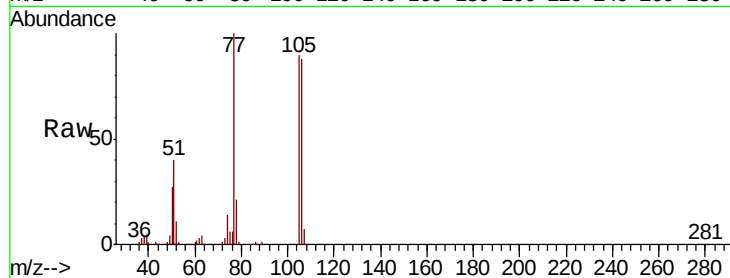
Tot Ion: 77 Resp: 101231

Ion Ratio Lower Upper

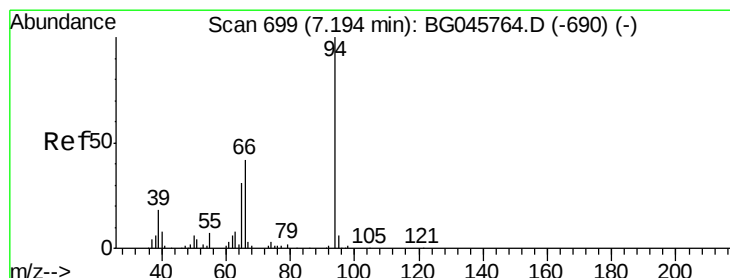
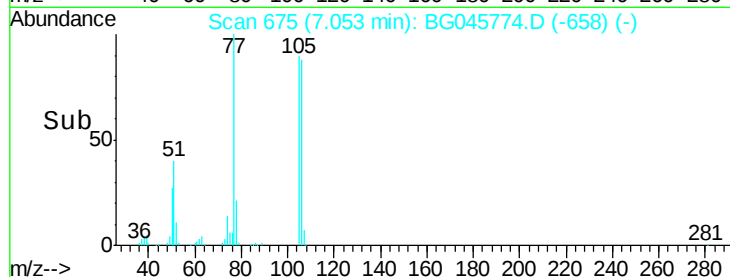
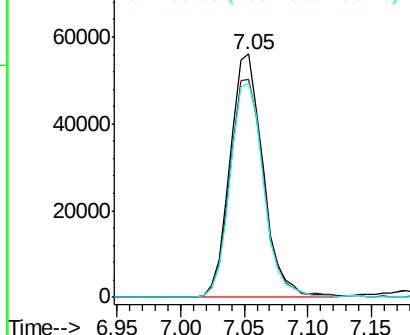
77 100

105 89.8 70.4 110.4

106 87.7 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.912 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

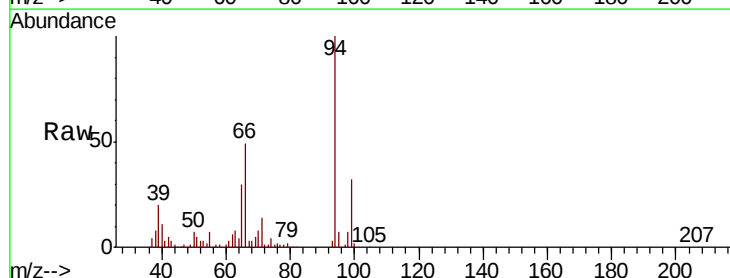
Tgt Ion: 94 Resp: 206046

Ion Ratio Lower Upper

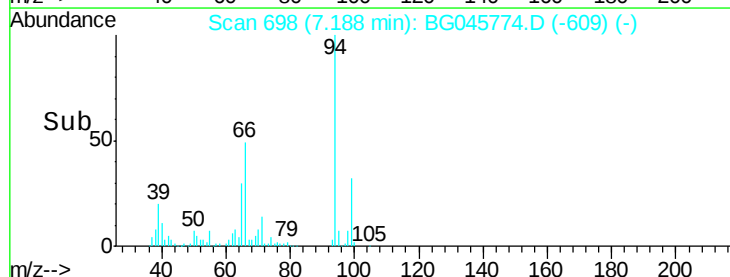
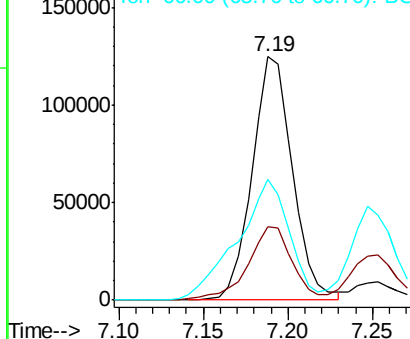
94 100

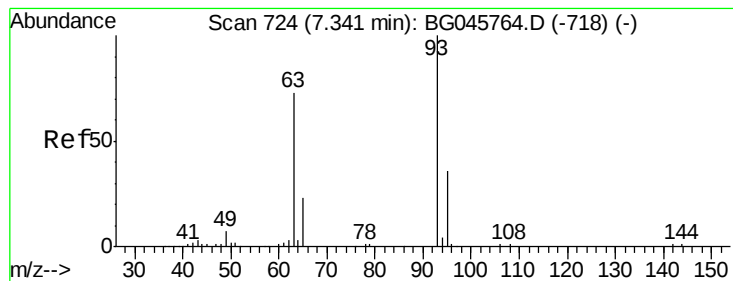
65 30.3 10.7 50.7

66 49.5 22.5 62.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



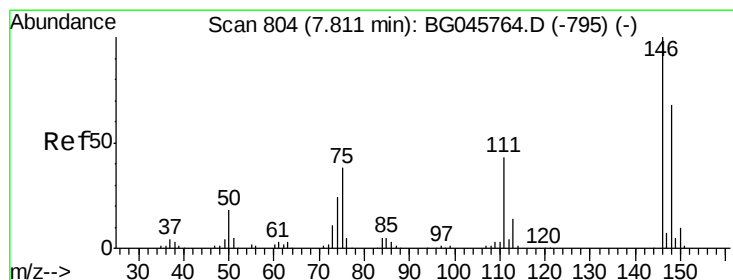
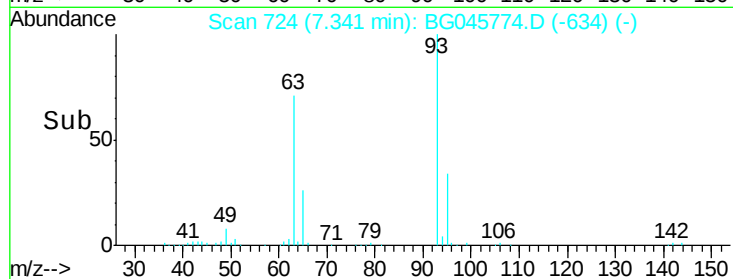
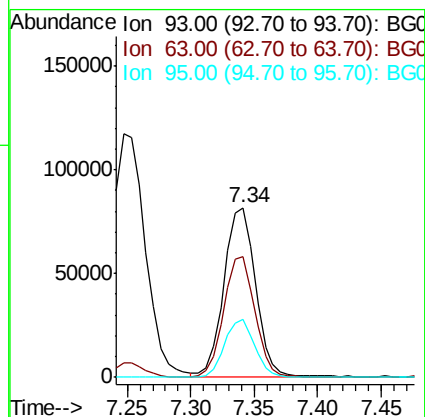
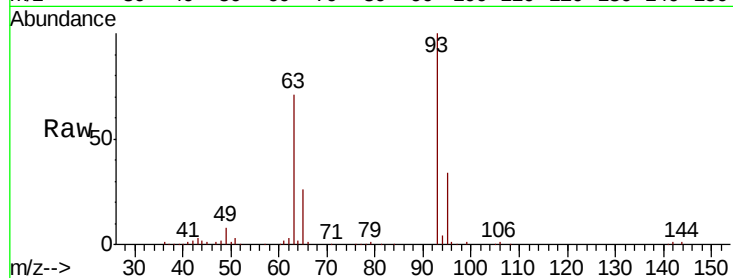


#11

bis(2-Chloroethyl)ether
Concen: 41.431 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129573BS

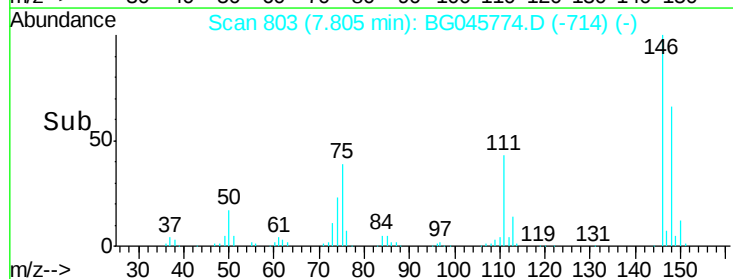
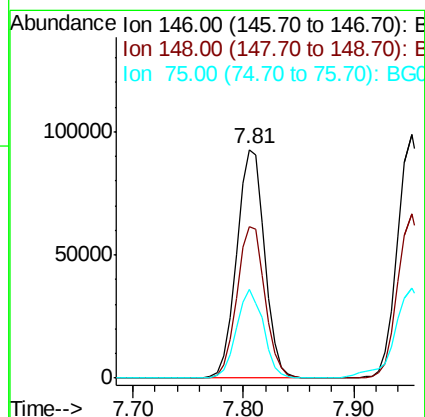
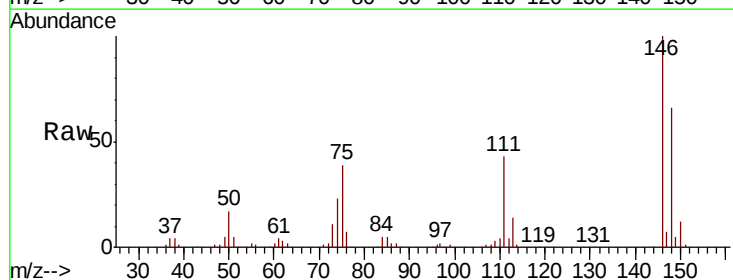
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	52.0	92.0
95	34.5	15.6	55.6

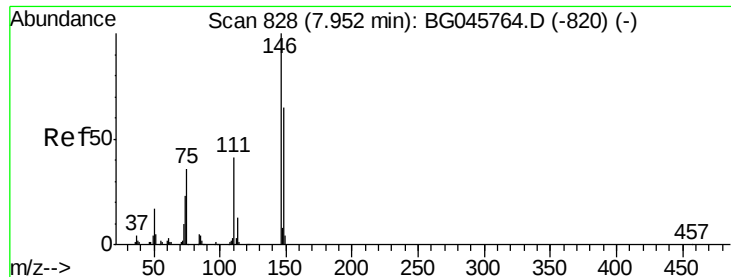


#12

1,3-Dichlorobenzene
Concen: 42.381 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	54.2	81.4
75	38.8	30.1	45.1

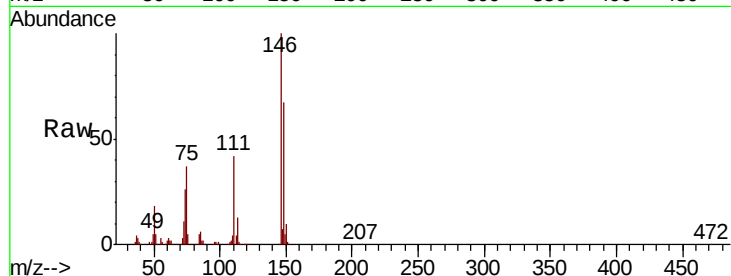




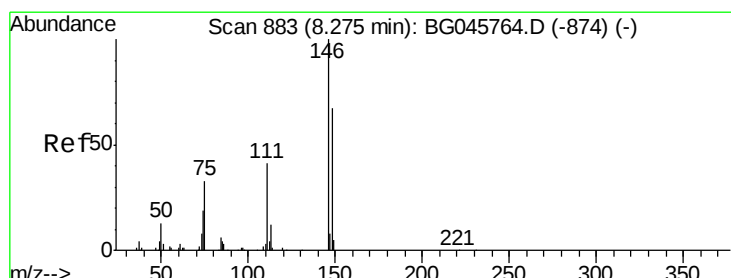
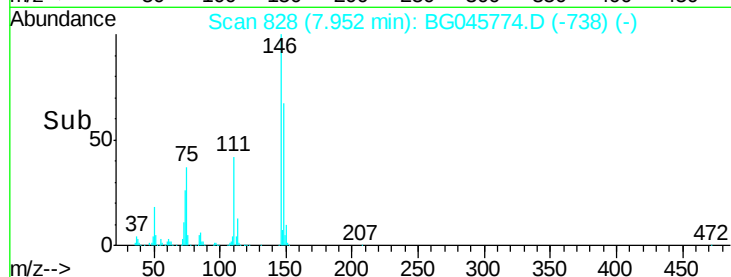
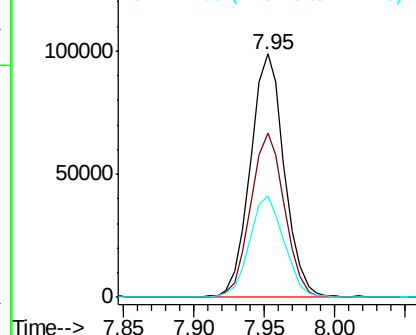
#13
 1,4-Dichlorobenzene
 Concen: 43.042 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.6
111	41.5	32.8	49.2

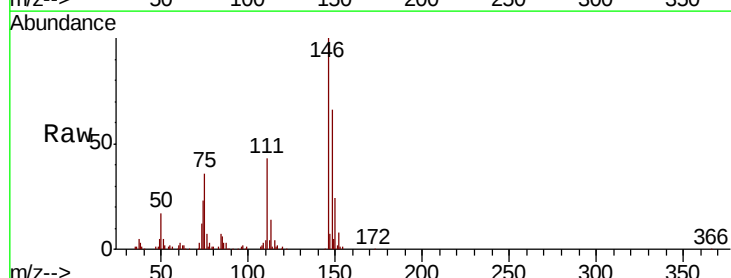


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

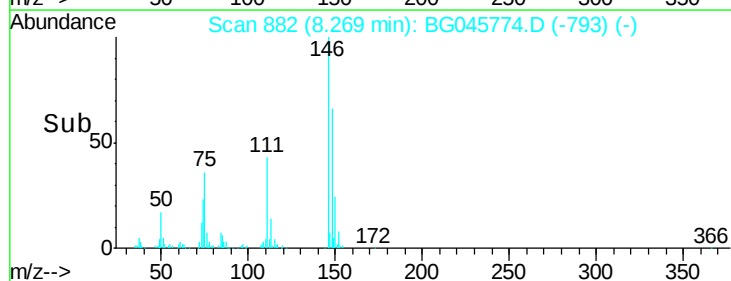
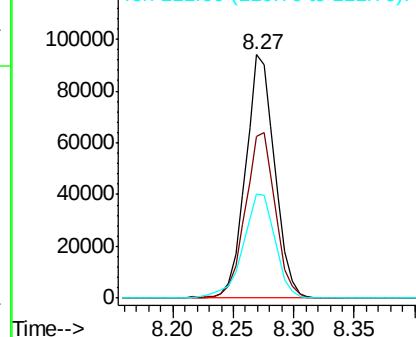


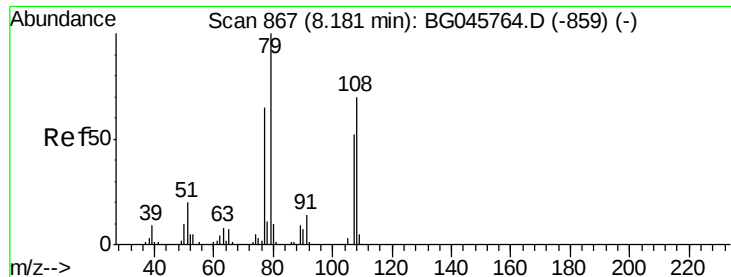
#14
 1,2-Dichlorobenzene
 Concen: 42.455 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	54.1	81.1
111	42.6	32.9	49.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.656 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

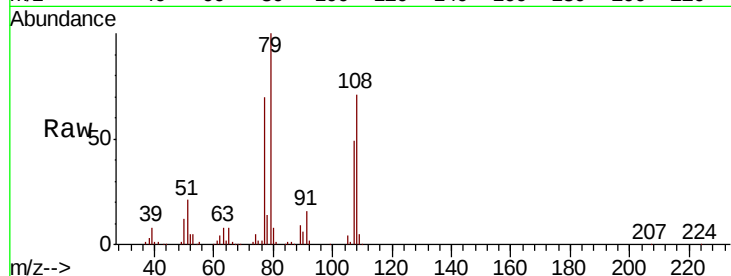
Tot Ion: 79 Resp: 160062

Ion Ratio Lower Upper

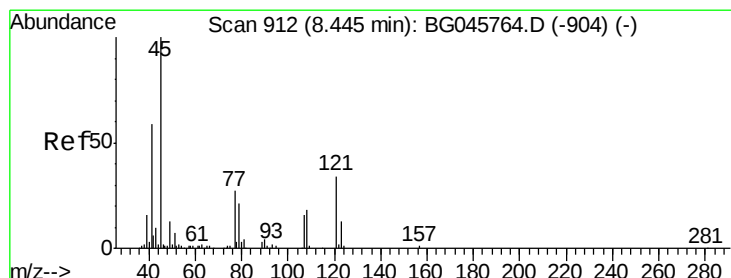
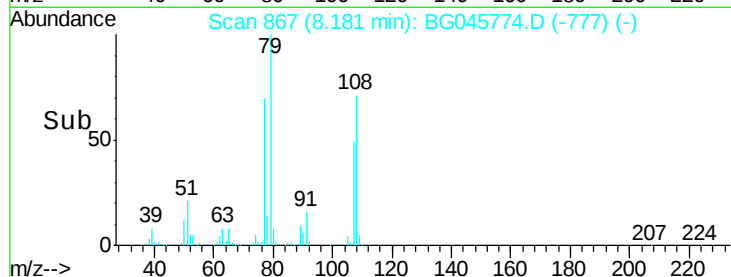
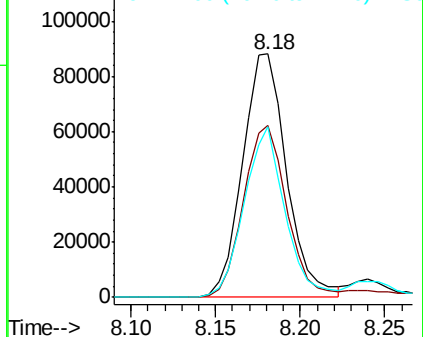
79 100

108 70.6 56.2 84.4

77 70.0 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.576 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

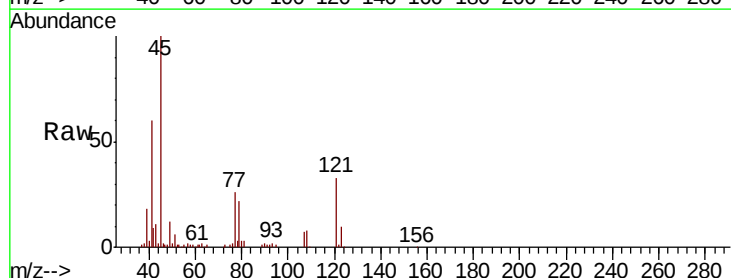
Tgt Ion: 45 Resp: 133572

Ion Ratio Lower Upper

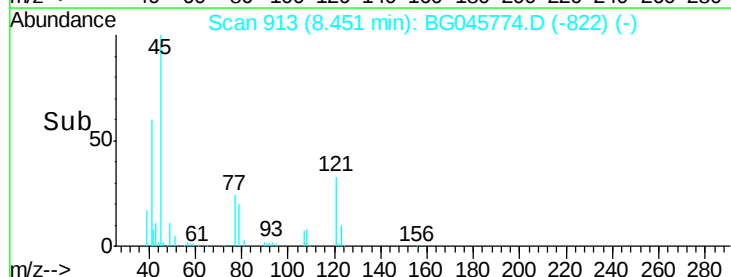
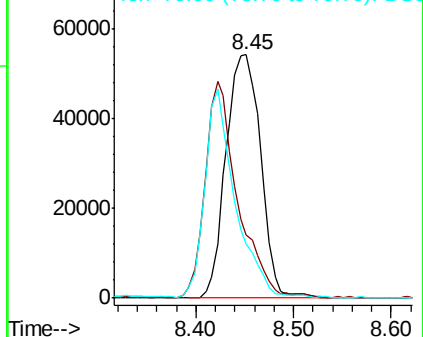
45 100

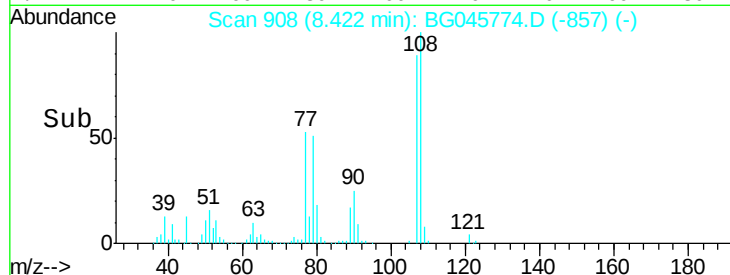
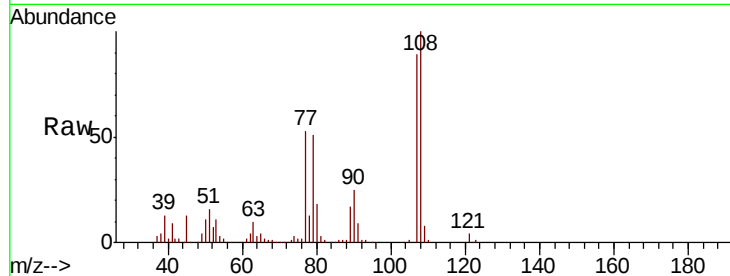
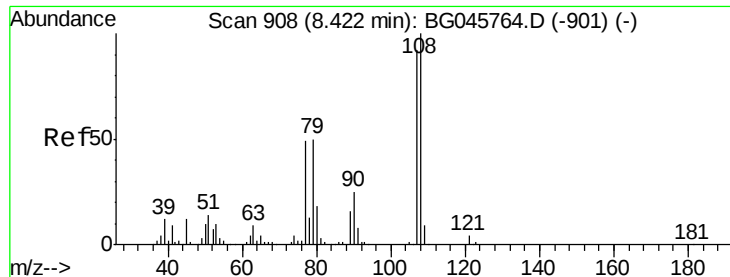
77 25.9 14.9 54.9

79 22.0 9.2 49.2



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

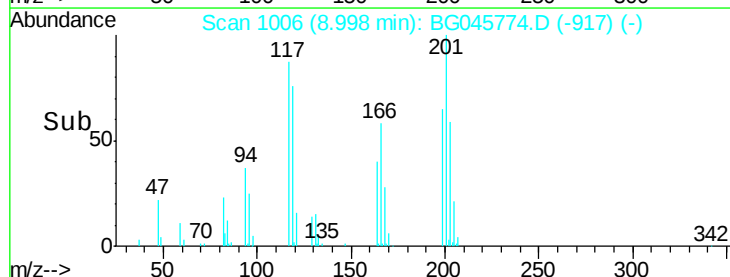
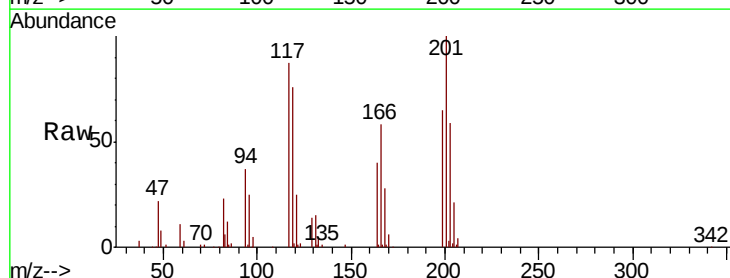
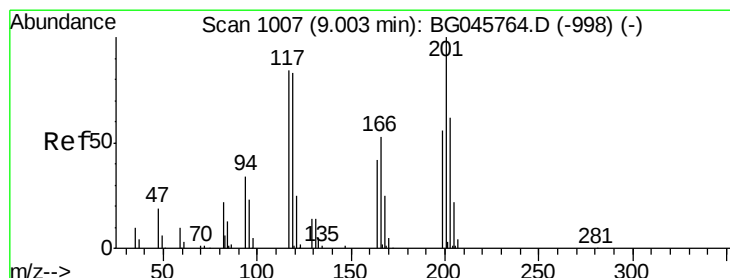
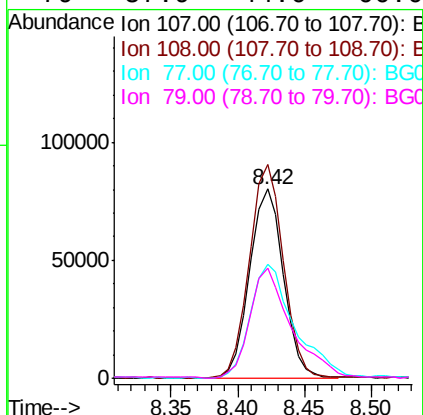




#17
2-Methylphenol
Concen: 42.031 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

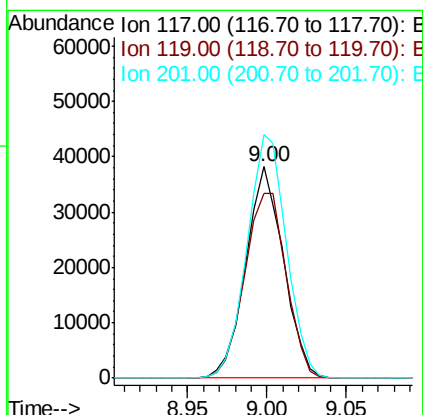
Instrument :
BNA_G
ClientSampleId :
PB129573BS

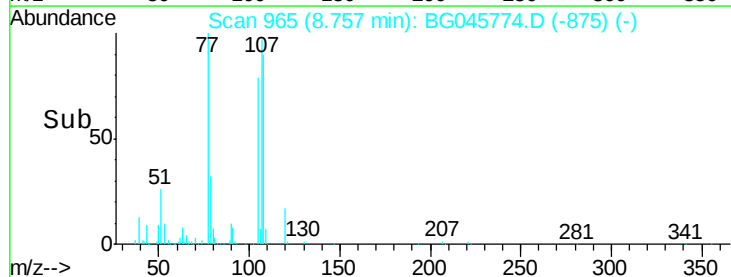
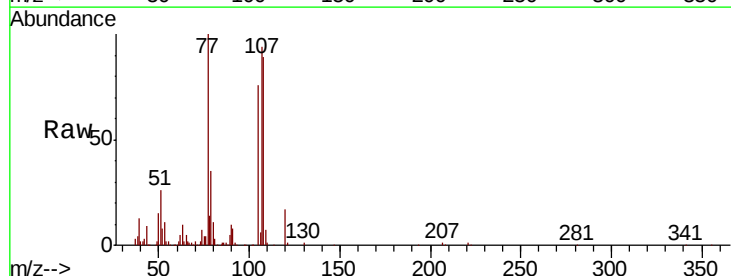
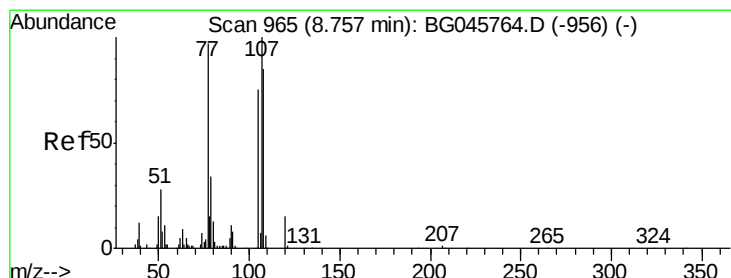
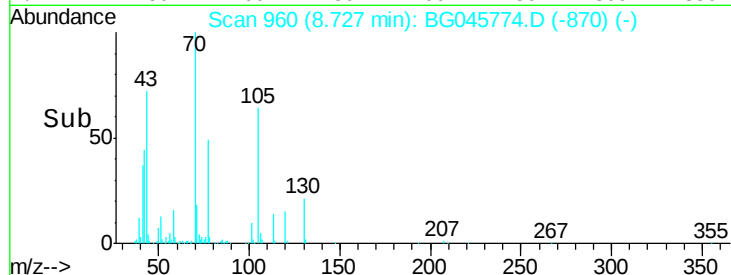
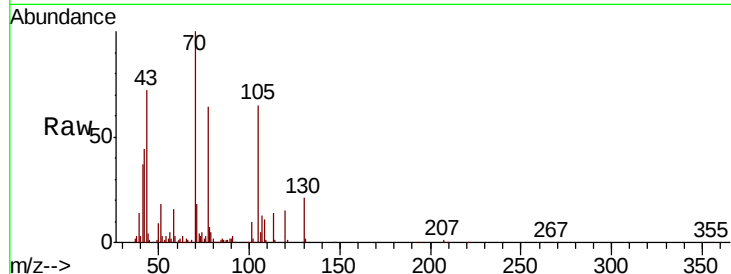
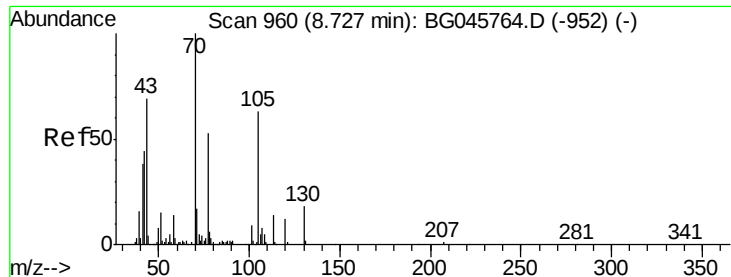
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	87.4	131.0
77	60.0	42.5	63.7
79	57.9	44.0	66.0



#18
Hexachloroethane
Concen: 43.030 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.3	78.9	118.3
201	115.2	95.5	143.3

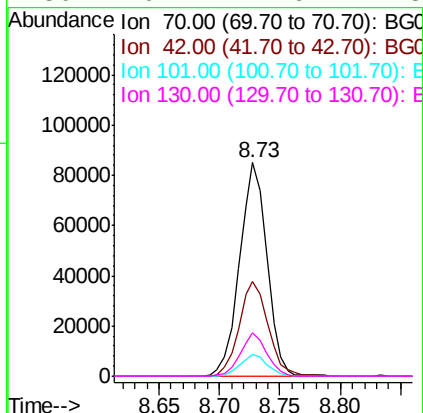




#19
n-Nitroso-di-n-propylamine
Concen: 44.306 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

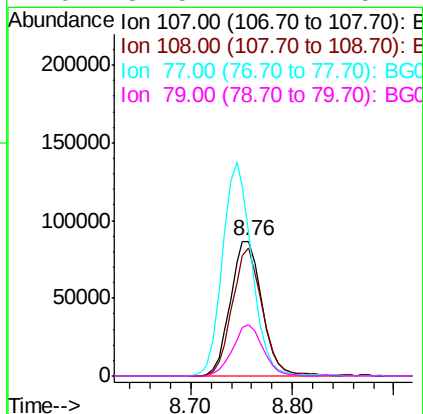
Instrument :
BNA_G
ClientSampleId :
PB129573BS

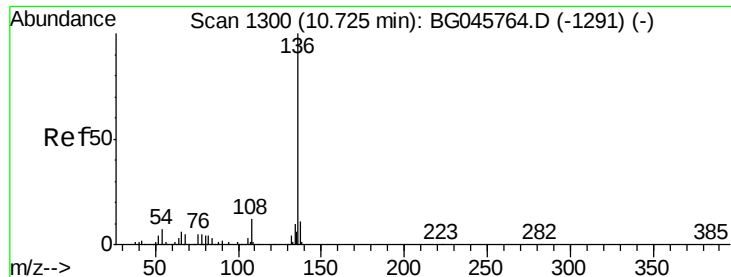
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	35.1	52.7
101	10.4	7.4	11.0
130	20.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.847 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	65.4	105.4
77	106.1	77.2	117.2
79	37.5	14.2	54.2

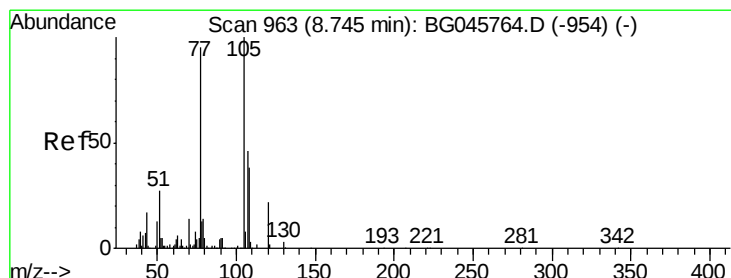
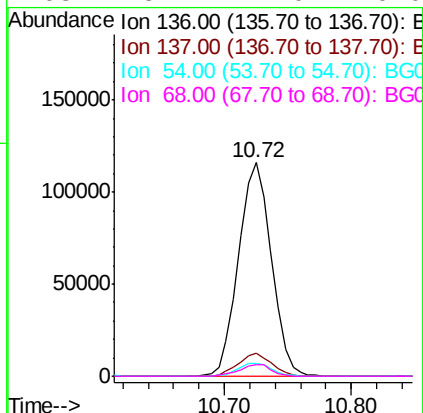
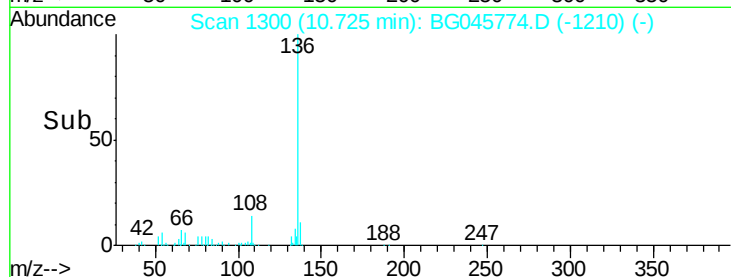
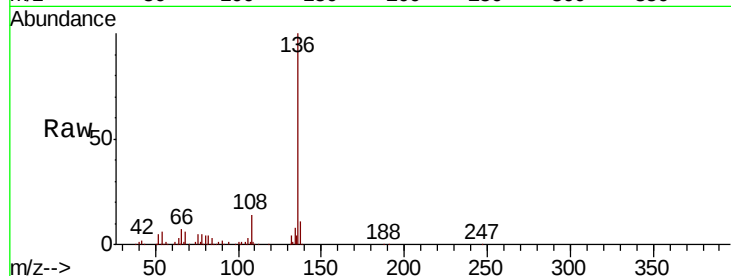




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

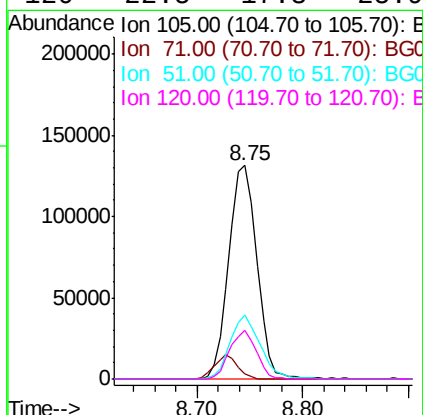
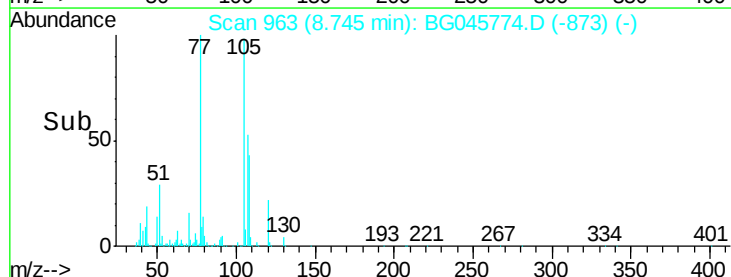
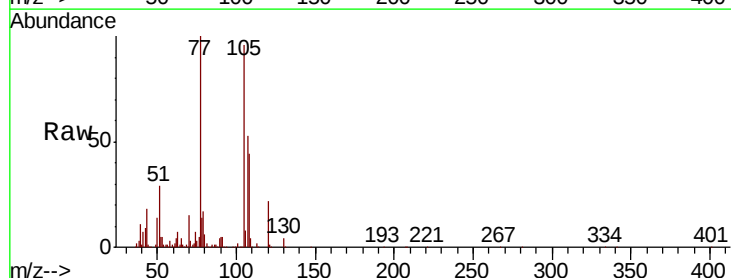
Instrument :
BNA_G
ClientSampleId :
PB129573BS

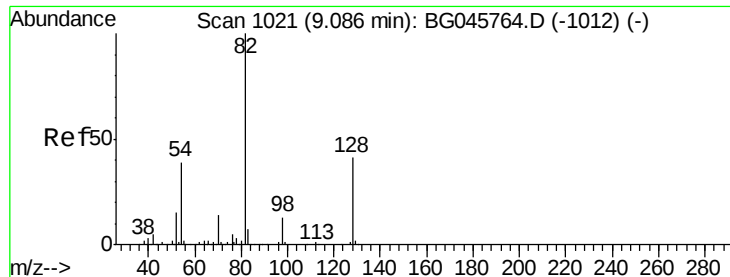
Tot Ion:136	Resp:	207978	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.7	13.1	
54 5.8	5.8	8.6	
68 5.7	4.0	6.0	



#22
Acetophenone
Concen: 42.513 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt	Ion:105	Resp:	242680
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	30.2	21.9	32.9
120	22.5	17.3	25.9

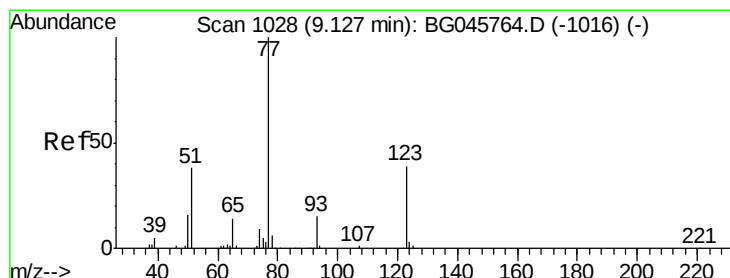
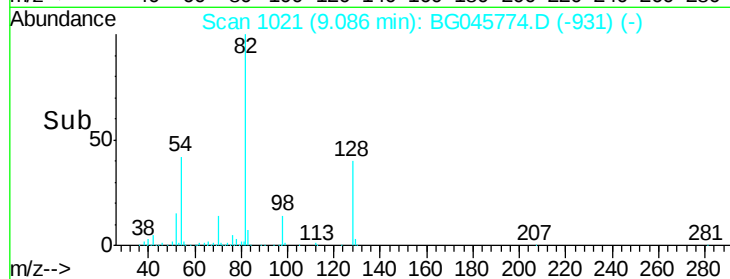
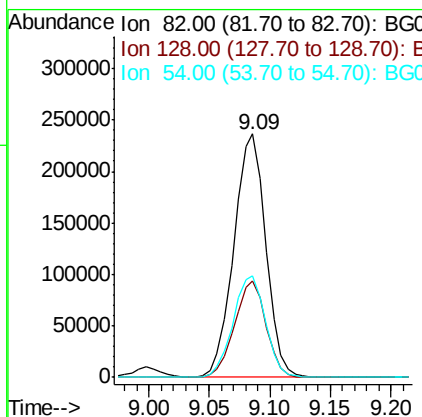
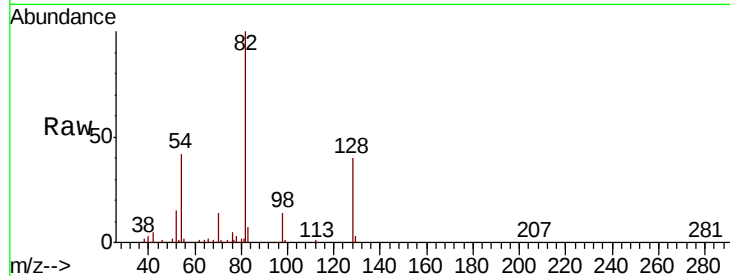




#23
 Nitrobenzene-d5
 Concen: 95.845 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

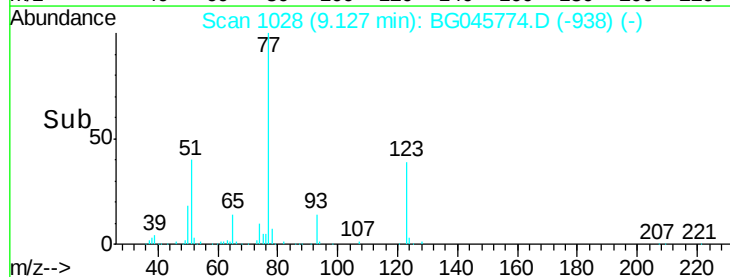
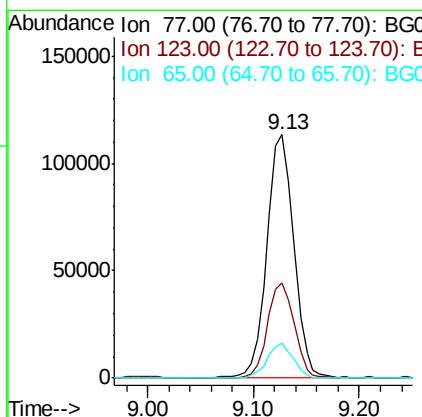
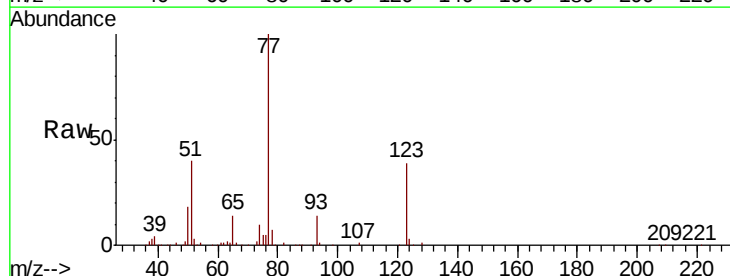
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

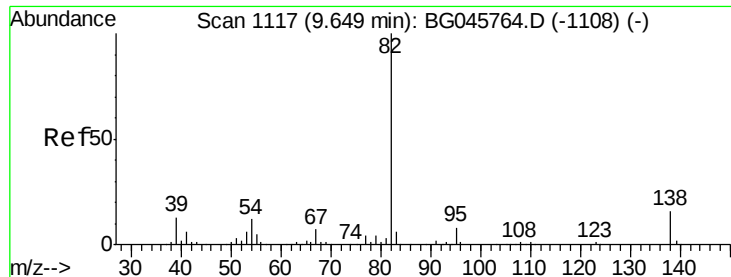
Tot Ion	82	Resp	436344
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.5	48.7
54	41.7	31.2	46.8



#24
 Nitrobenzene
 Concen: 41.333 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	77	Resp	200636
Ion Ratio	Lower	Upper	
77	100		
123	39.1	31.2	46.8
65	14.2	11.4	17.2





#25

Isophorone

Concen: 41.179 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

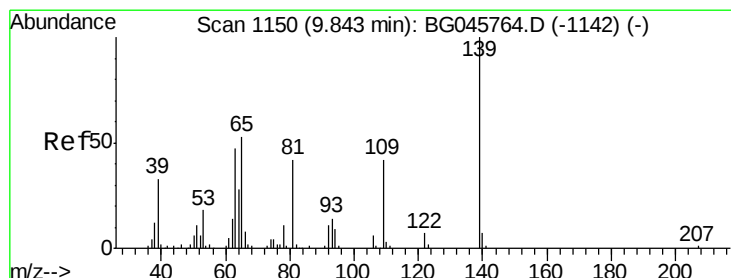
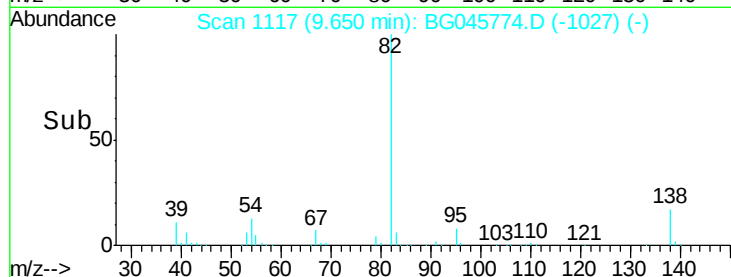
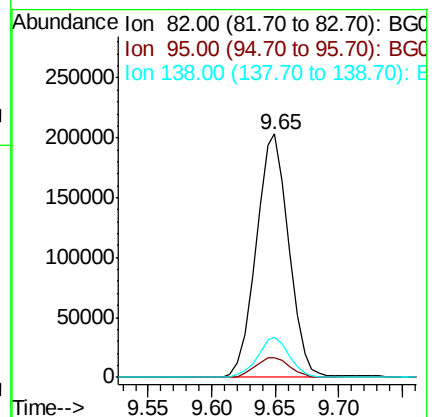
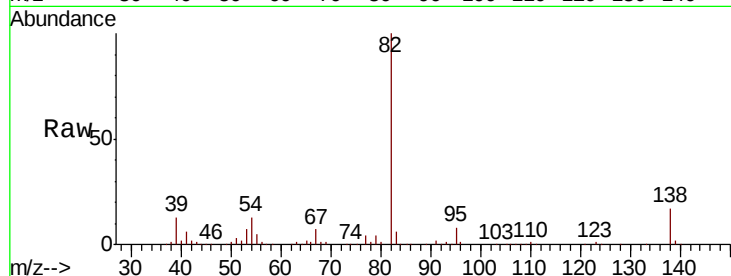
Tot Ion: 82 Resp: 362928

Ion Ratio Lower Upper

82 100

95 8.3 6.2 9.4

138 16.7 12.6 18.8



#26

2-Nitrophenol

Concen: 44.818 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

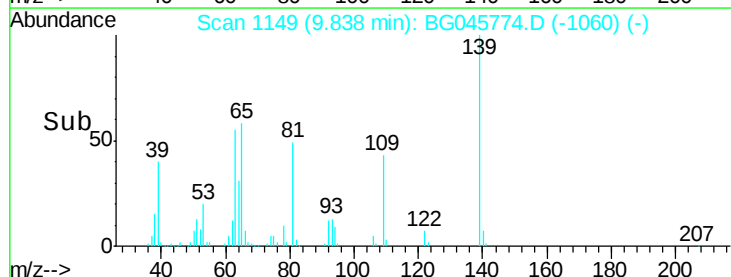
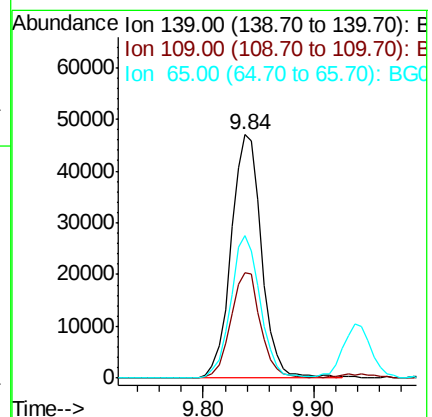
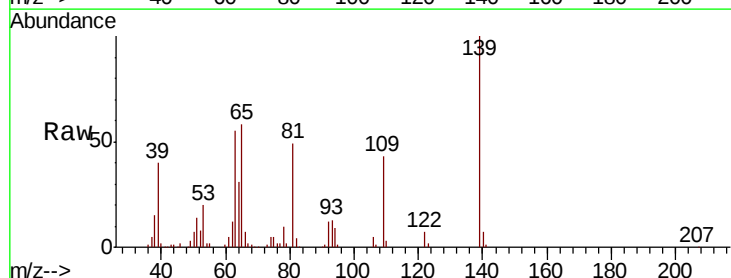
Tgt Ion: 139 Resp: 90636

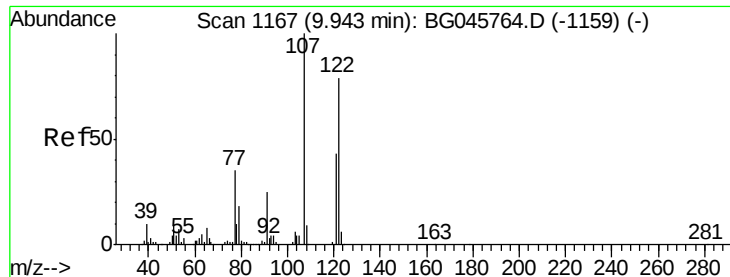
Ion Ratio Lower Upper

139 100

109 43.2 33.5 50.3

65 58.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 47.546 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

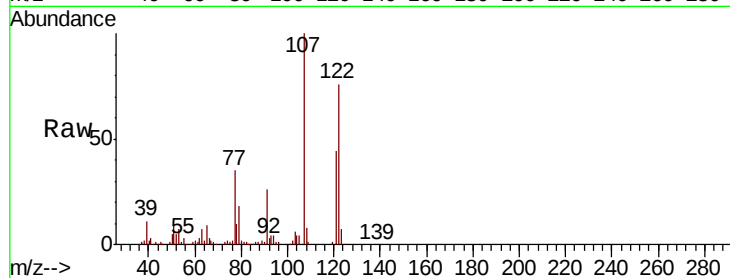
Tot Ion:122 Resp: 146802

Ion Ratio Lower Upper

122 100

107 131.5 101.3 151.9

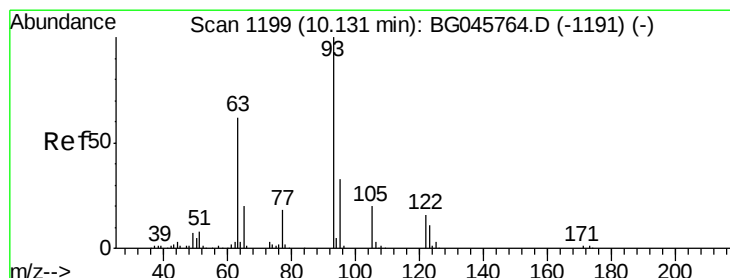
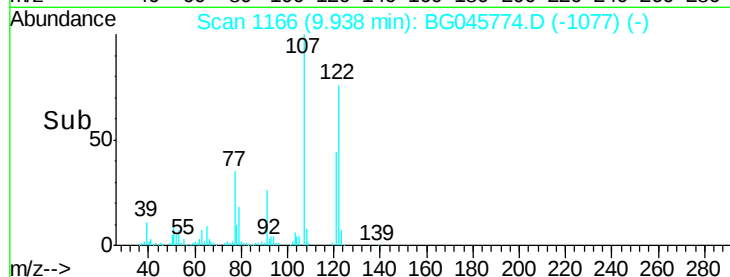
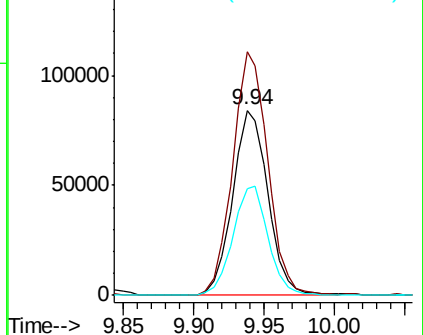
121 57.6 43.9 65.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.181 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

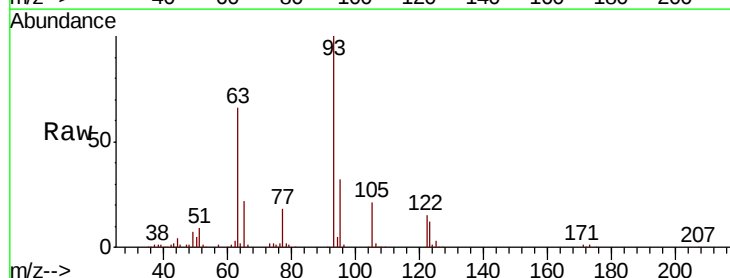
Tgt Ion: 93 Resp: 198792

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

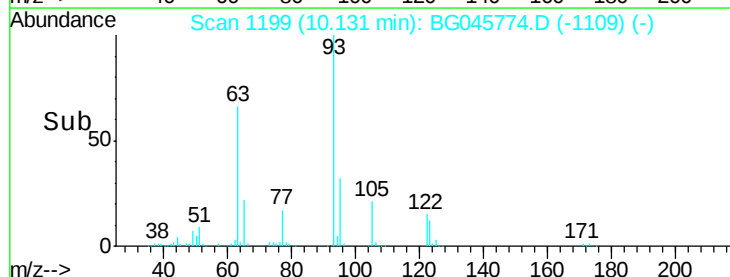
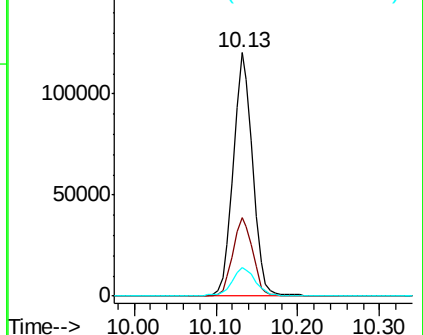
123 11.9 9.3 13.9

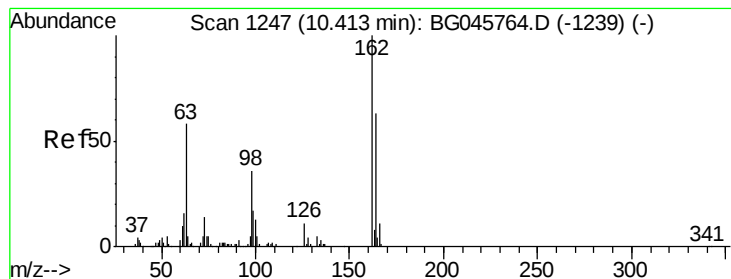


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC





#29

2,4-Dichlorophenol

Concen: 46.203 ng

RT: 10.41 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

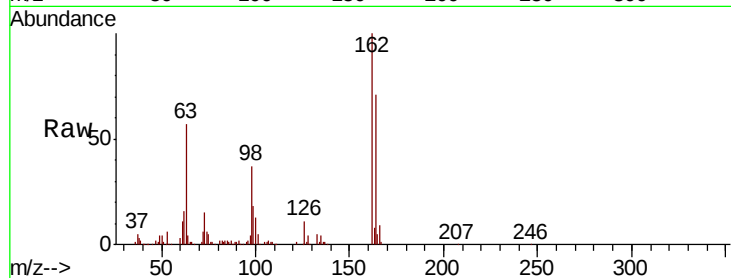
Tot Ion:162 Resp: 166435

Ion Ratio Lower Upper

162 100

164 70.8 43.3 83.3

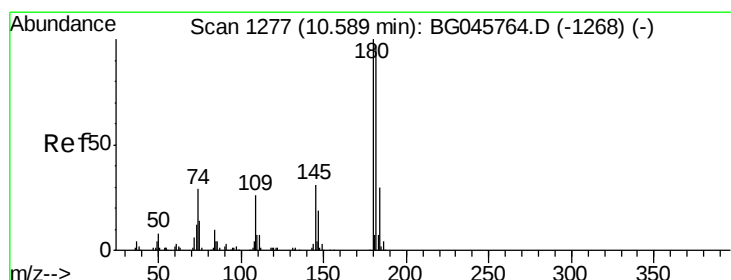
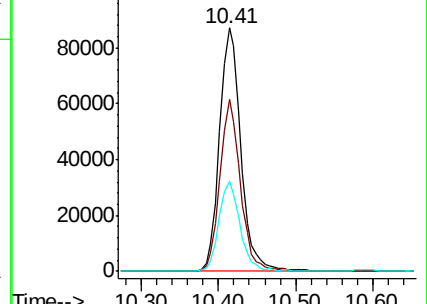
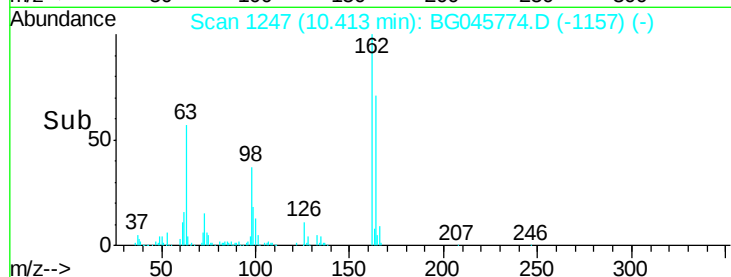
98 36.9 15.5 55.5



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



#30

1,2,4-Trichlorobenzene

Concen: 41.757 ng

RT: 10.59 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

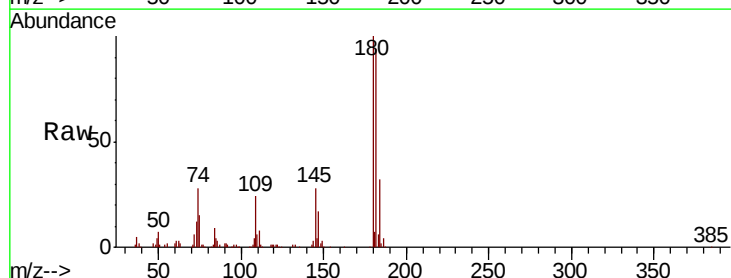
Tgt Ion:180 Resp: 178074

Ion Ratio Lower Upper

180 100

182 94.1 77.8 116.6

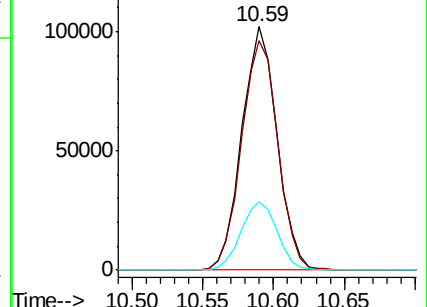
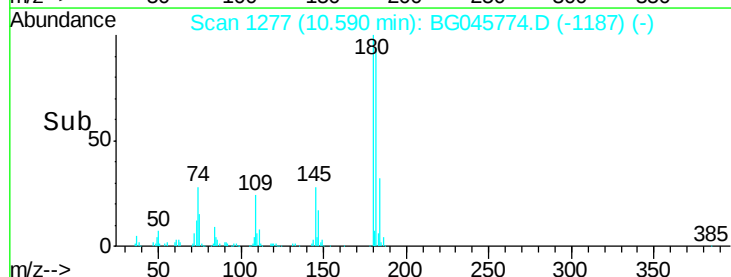
145 28.0 24.5 36.7

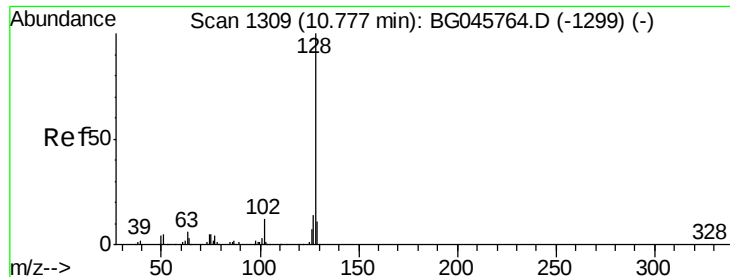


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

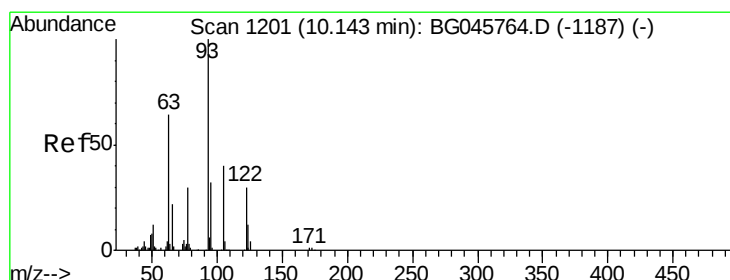
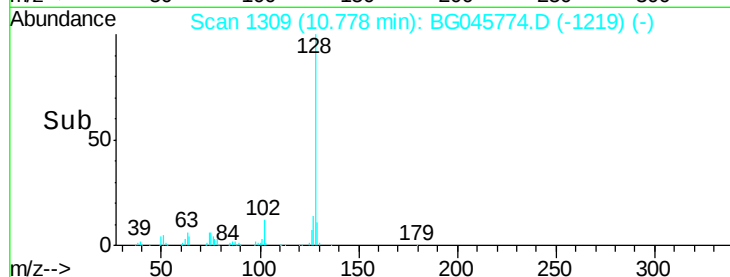
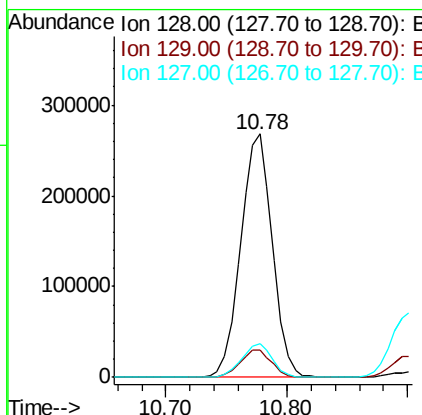
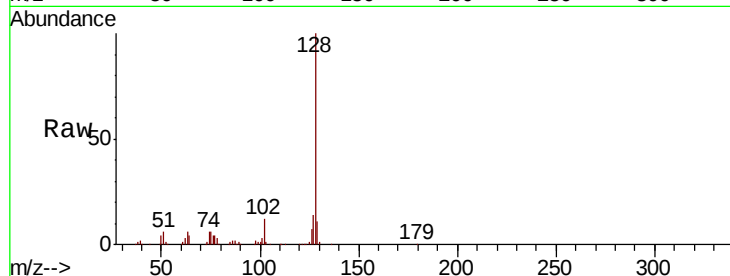




#31
Naphthalene
Concen: 42.808 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

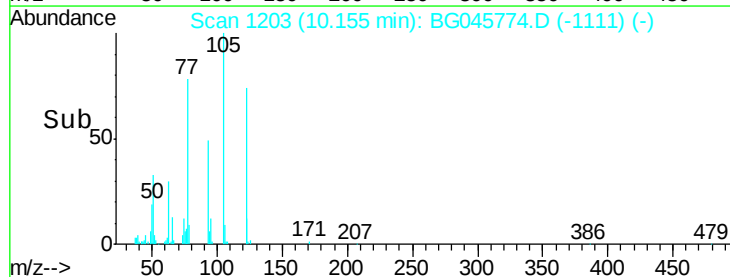
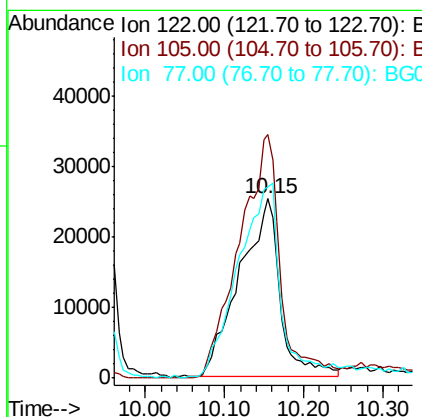
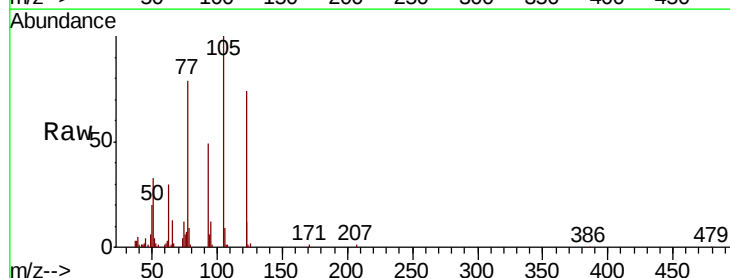
Instrument :
BNA_G
ClientSampleId :
PB129573BS

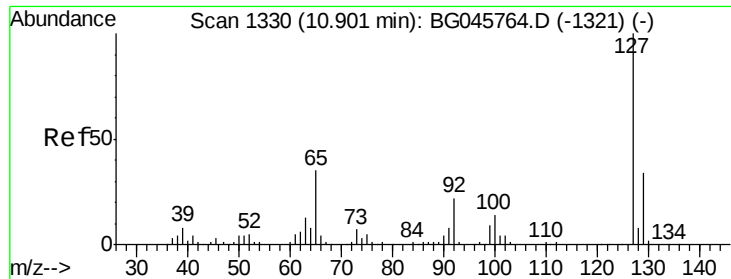
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.6	10.9	16.3



#32
Benzoic acid
Concen: 45.423 ng
RT: 10.15 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	112.9	152.9
77	106.6	79.2	119.2

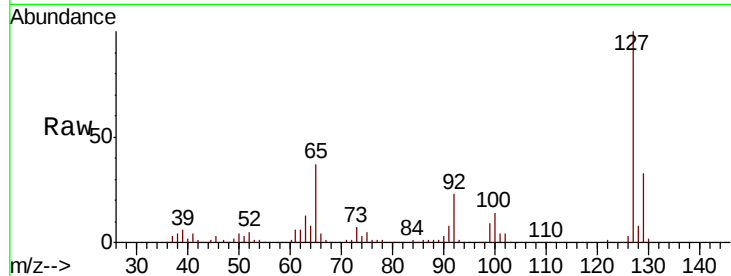




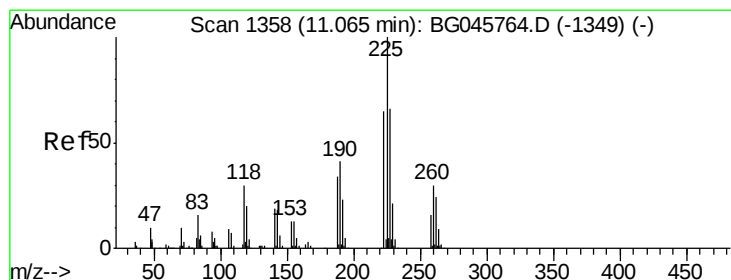
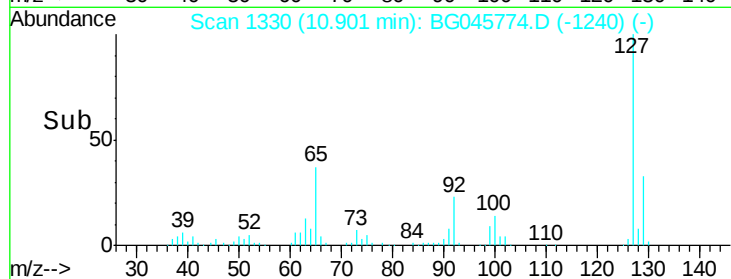
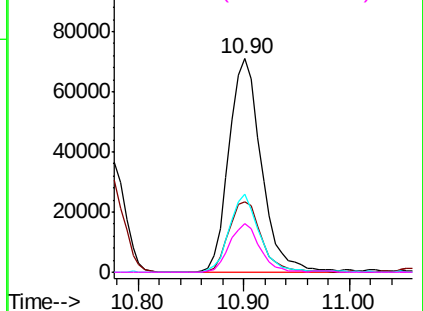
#33
4-Chloroaniline
Concen: 31.775 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129573BS

Tot Ion:	127	Resp:	151300
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.8	40.2
65	36.7	27.8	41.8
92	22.7	17.3	25.9

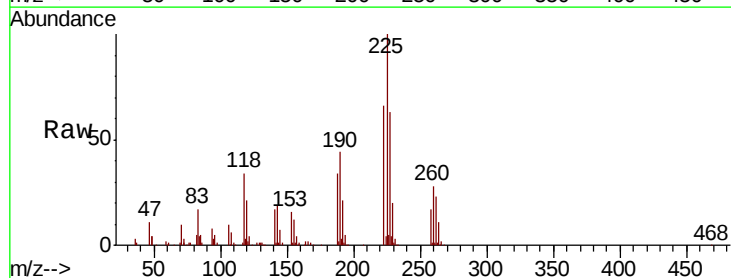


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

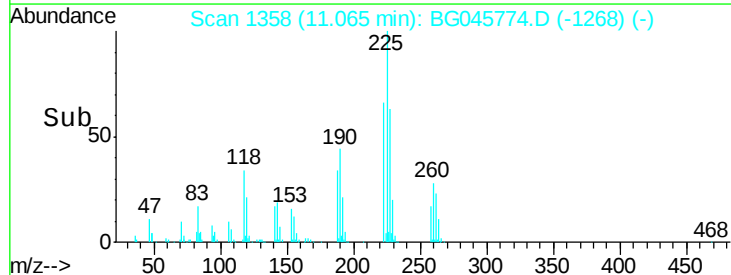
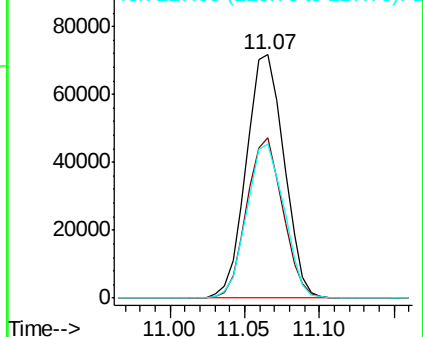


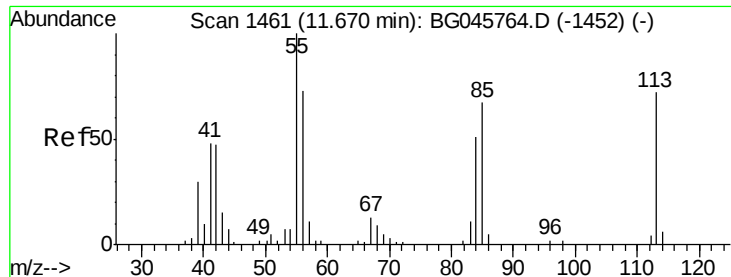
#34
Hexachlorobutadiene
Concen: 41.408 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion:	225	Resp:	125584
Ion	Ratio	Lower	Upper
225	100		
223	65.8	52.0	78.0
227	63.4	52.5	78.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

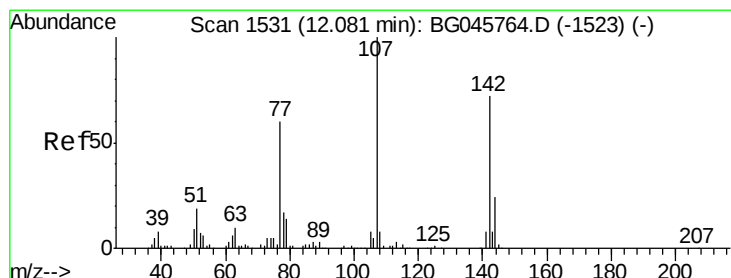
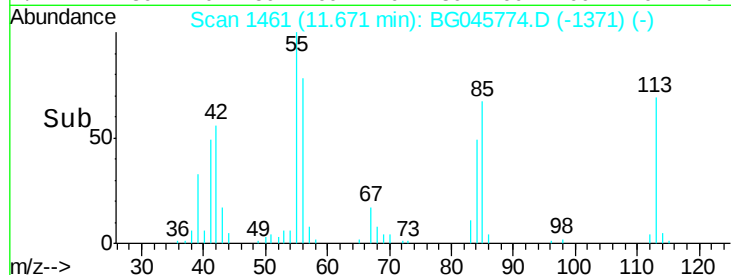
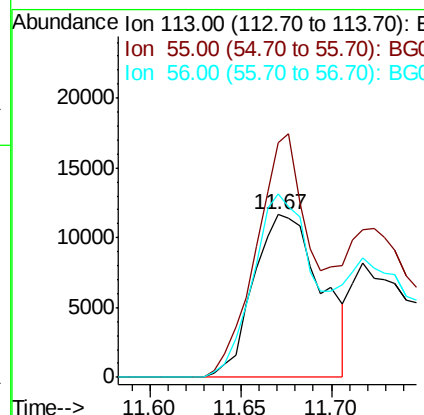
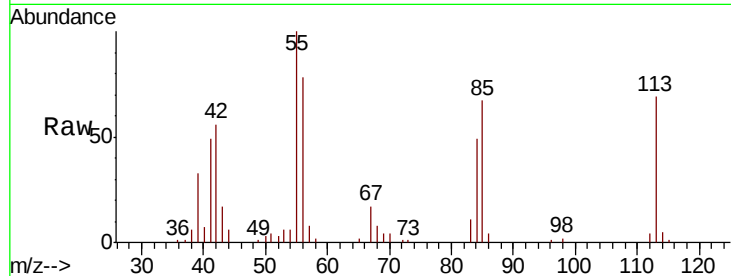




#35
 Caprolactam
 Concen: 25.803 ng
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

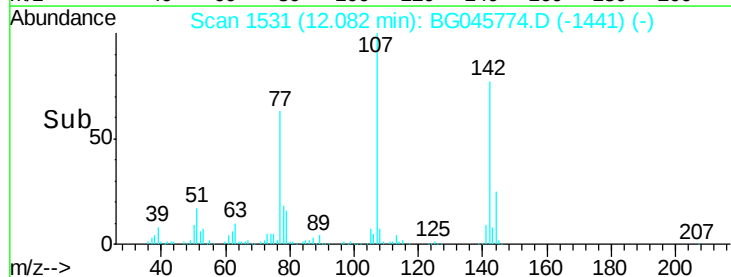
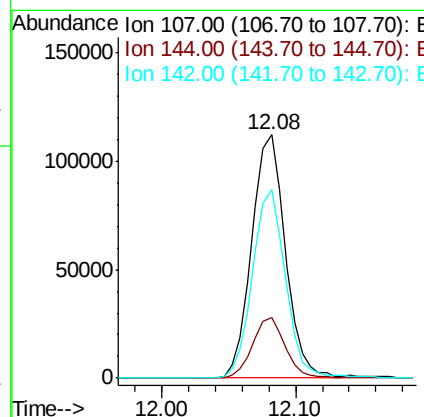
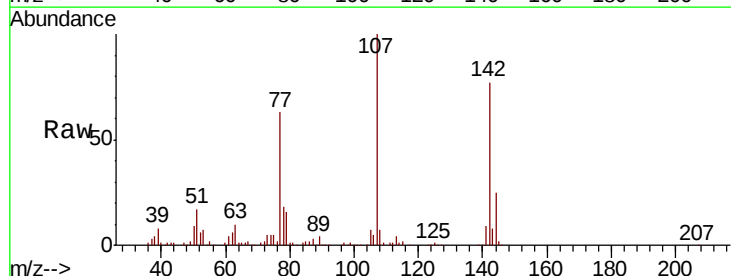
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

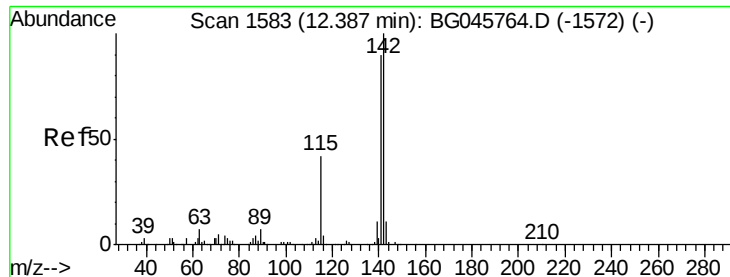
Tot Ion:113 Resp: 30078
 Ion Ratio Lower Upper
 113 100
 55 144.4 119.7 159.7
 56 113.1 82.5 122.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.971 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:107 Resp: 195363
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.5 29.3
 142 77.2 57.4 86.0

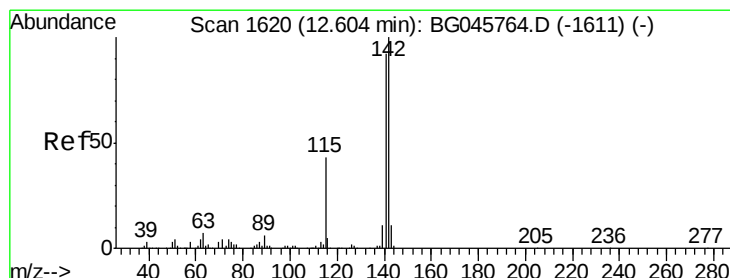
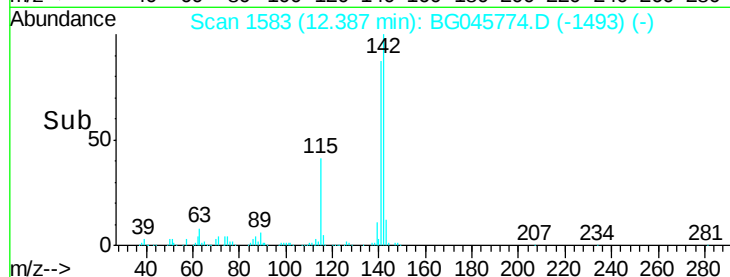
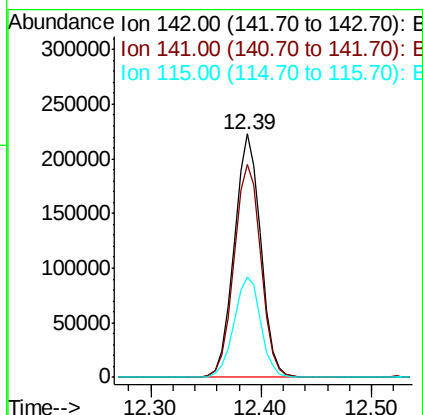
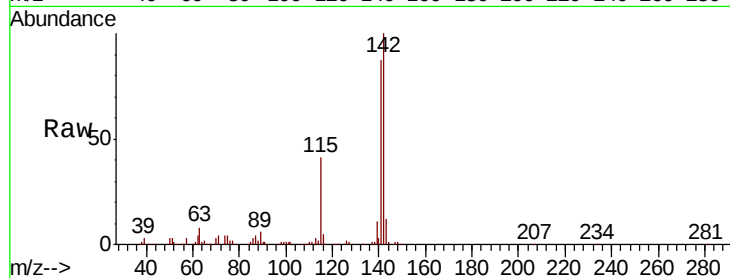




#37
2-Methylnaphthalene
Concen: 44.282 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

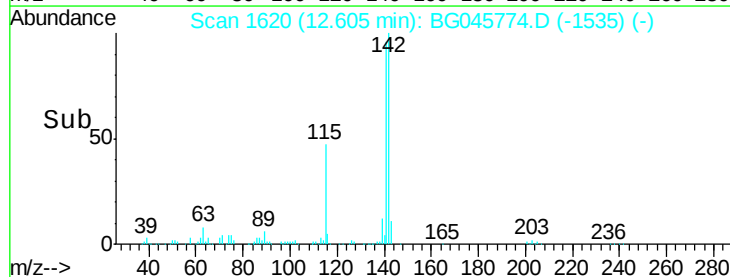
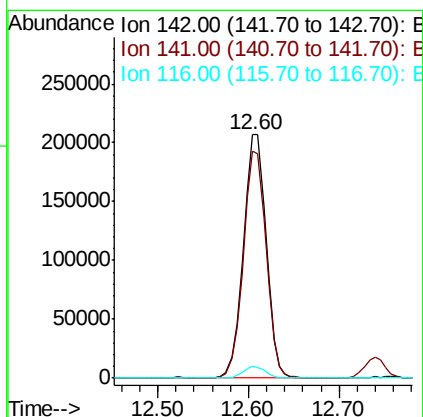
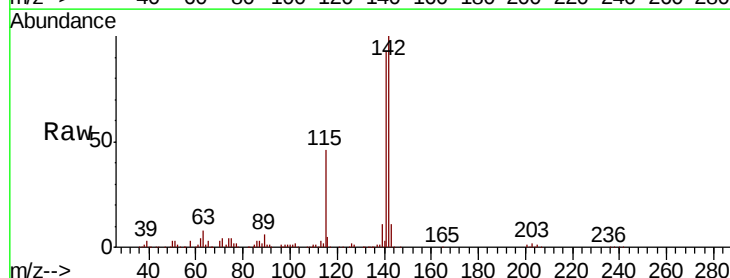
Instrument :
BNA_G
ClientSampleId :
PB129573BS

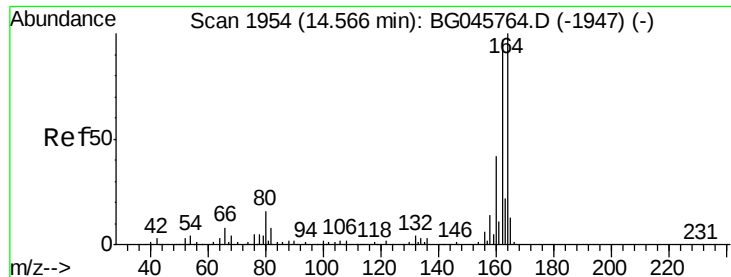
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.7	107.5
115	41.1	33.8	50.6



#38
1-Methylnaphthalene
Concen: 45.051 ng
RT: 12.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.8	110.8
116	4.9	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

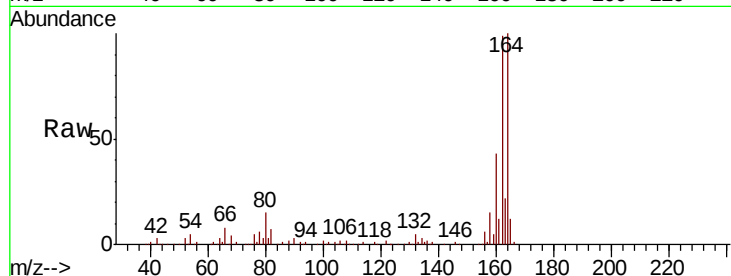
Tot Ion:164 Resp: 160268

Ion Ratio Lower Upper

164 100

162 99.4 77.4 116.0

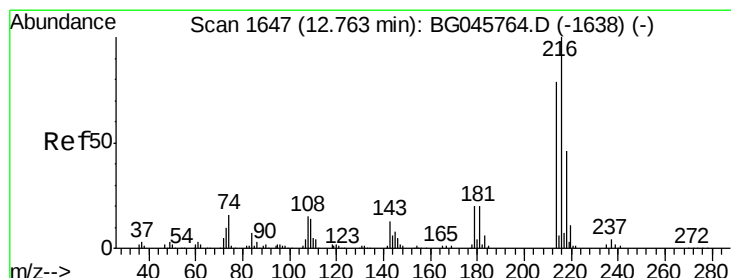
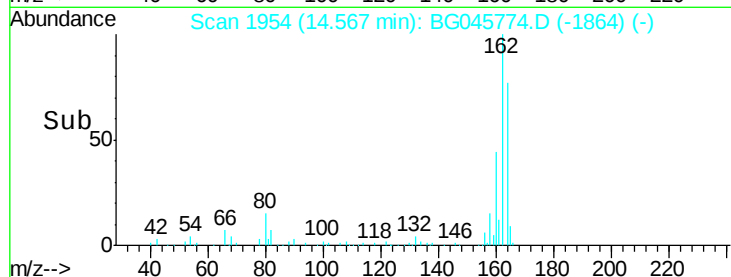
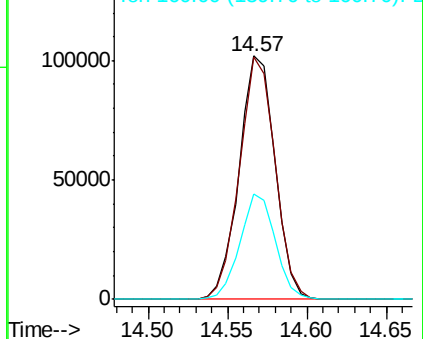
160 43.3 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.629 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Tgt Ion:216 Resp: 214407

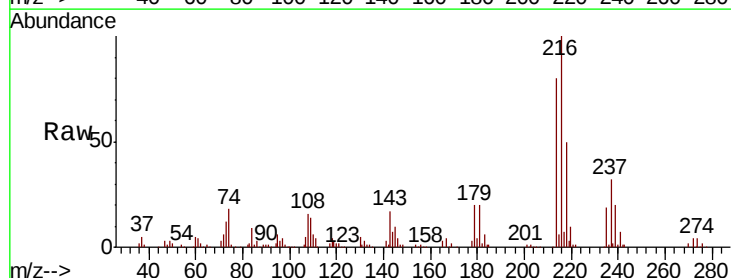
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 19.8 16.2 24.4

108 19.6 13.4 20.2

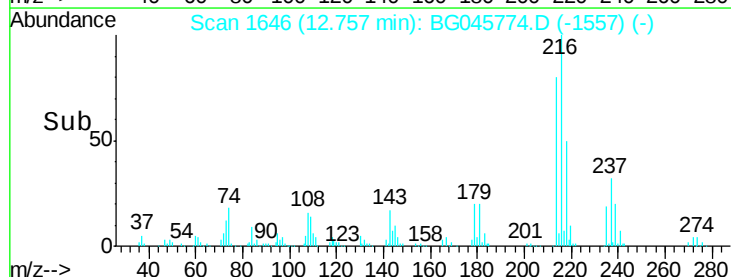
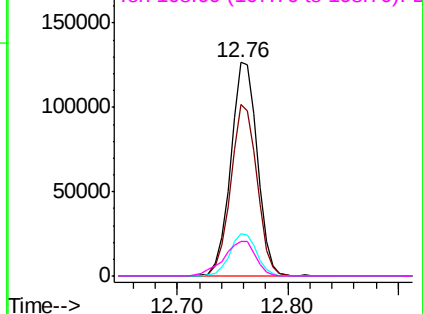


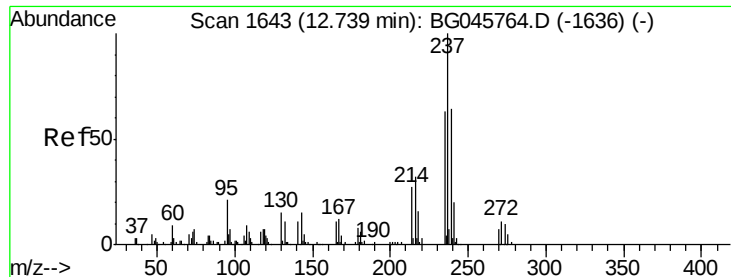
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.909 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

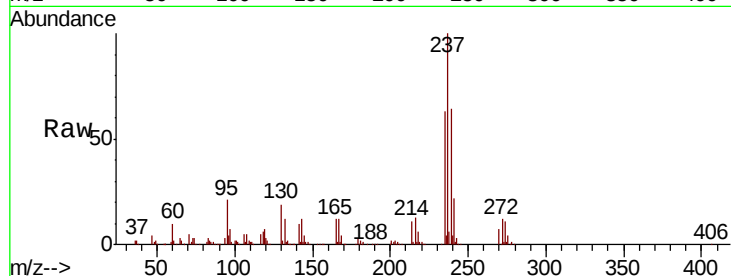
Tot Ion:237 Resp: 258966

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

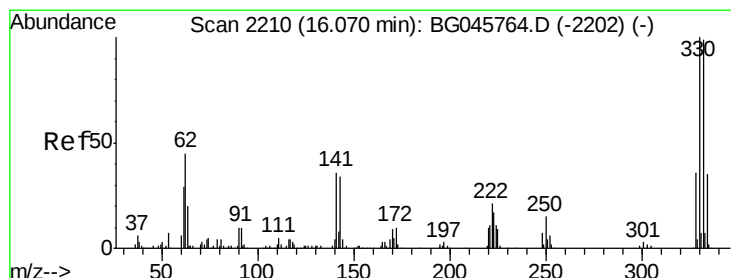
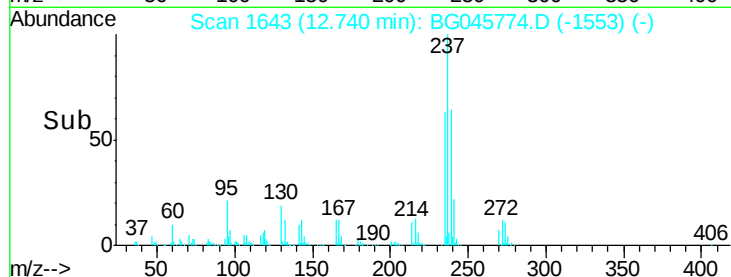
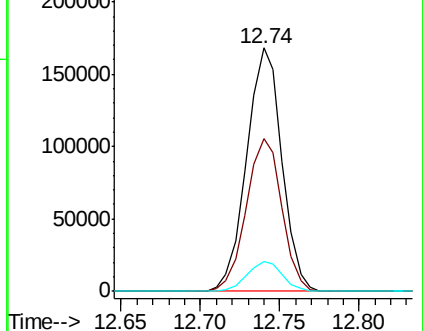
272 12.2 0.0 30.9



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: 147.450 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

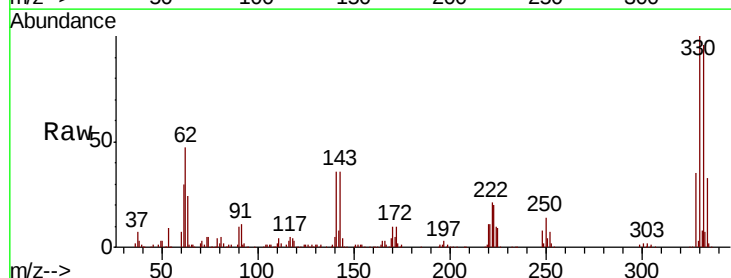
Tgt Ion:330 Resp: 356775

Ion Ratio Lower Upper

330 100

332 97.7 78.6 117.8

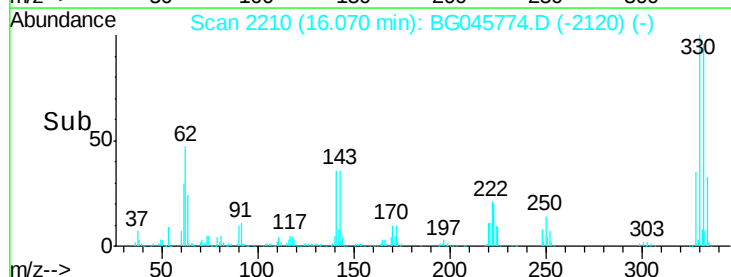
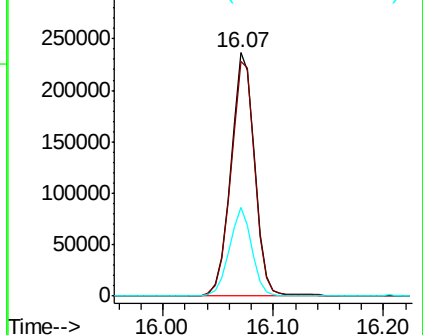
141 34.6 28.2 42.4

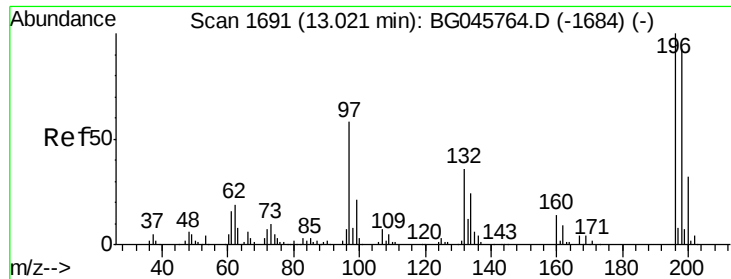


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

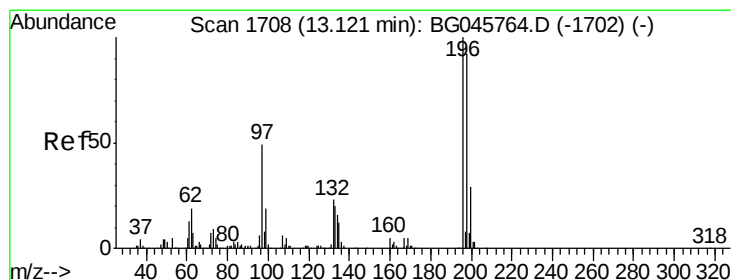
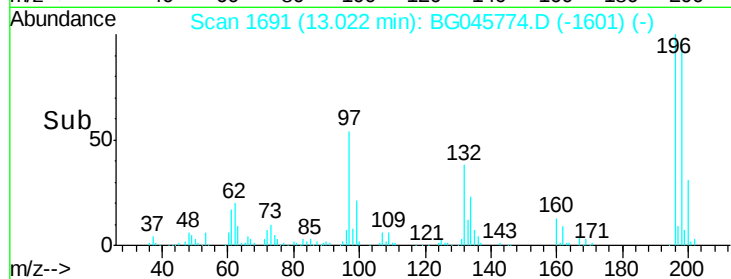
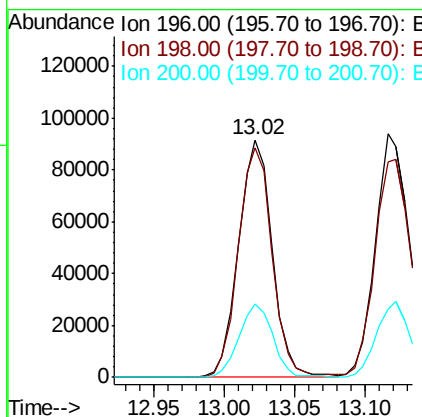
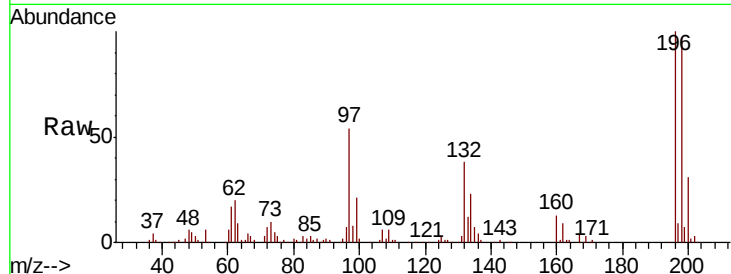




#43
 2,4,6-Trichlorophenol
 Concen: 42.737 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

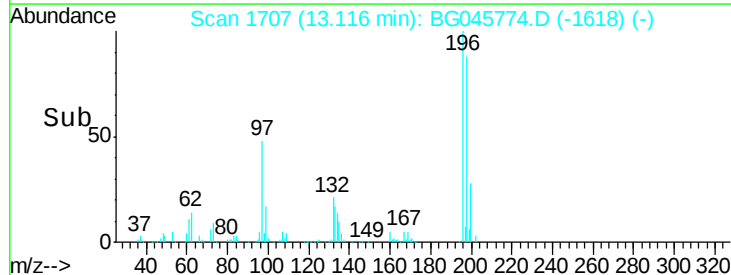
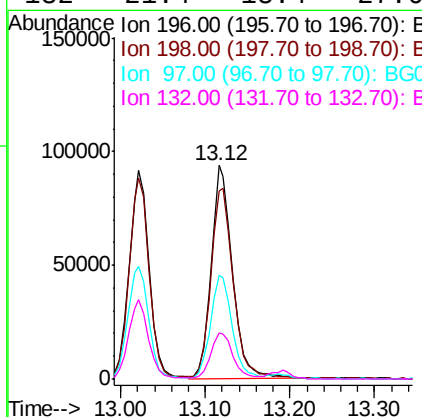
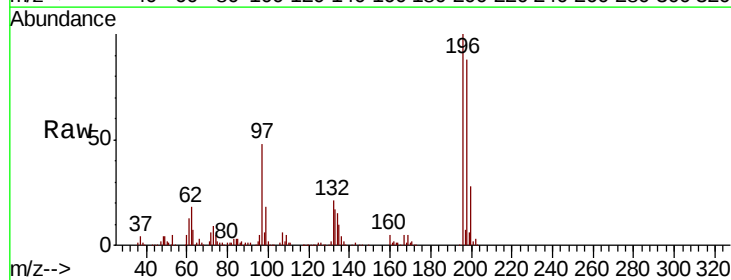
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

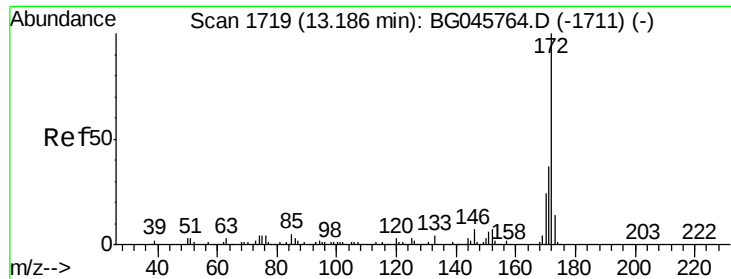
Tot Ion:196 Resp: 152912
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.4 111.6
 200 31.2 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.676 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:196 Resp: 165871
 Ion Ratio Lower Upper
 196 100
 198 88.3 74.0 111.0
 97 48.5 39.0 58.6
 132 21.4 18.4 27.6



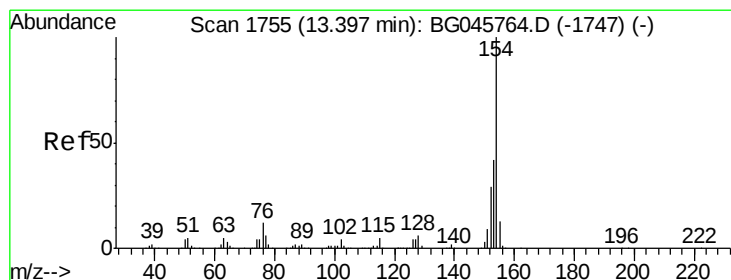
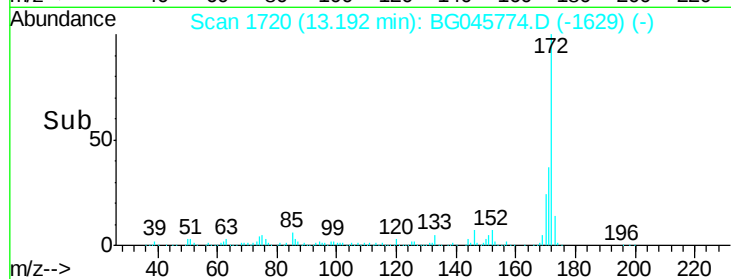
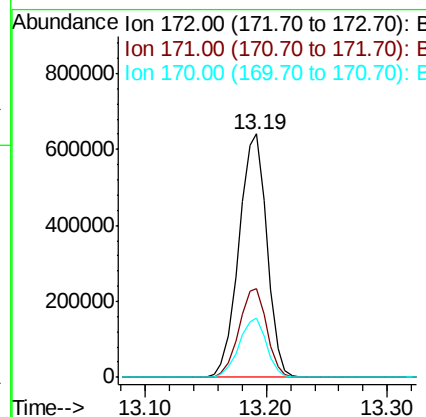
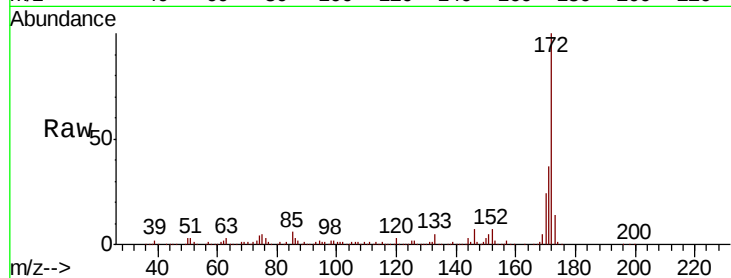


#45
 2-Fluorobiphenyl
 Concen: 94.740 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

Tot Ion:172 Resp: 1033223

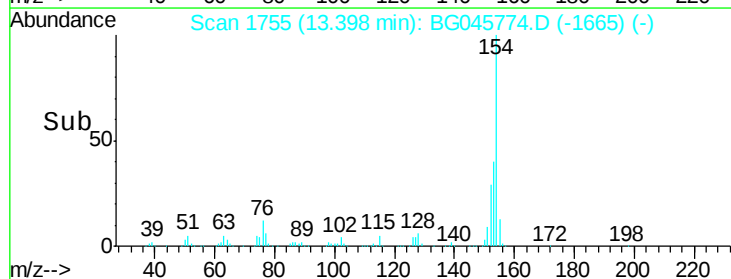
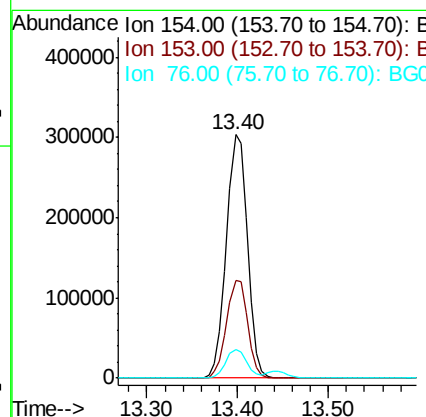
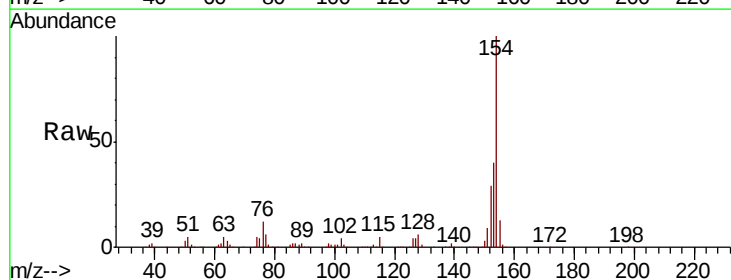
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.4	19.3	28.9

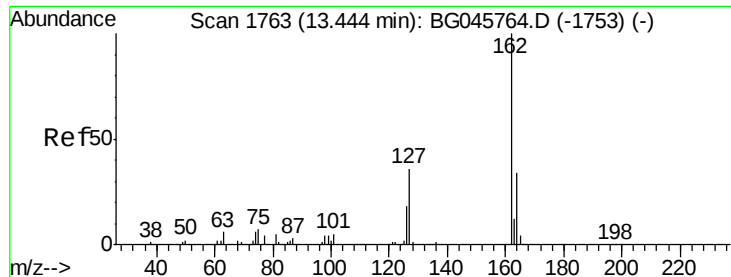


#46
 1,1'-Biphenyl
 Concen: 42.606 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:154 Resp: 488869

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.7	61.7
76	11.8	0.0	32.0

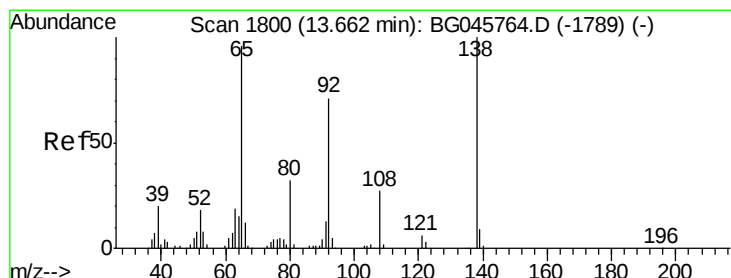
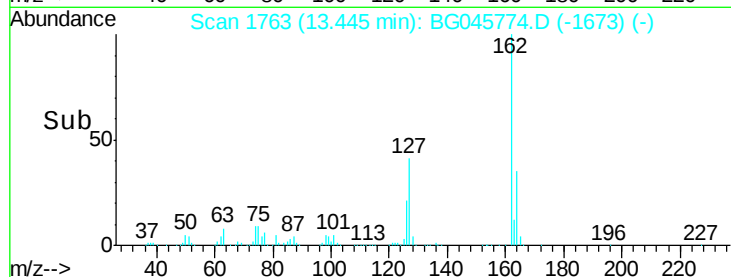
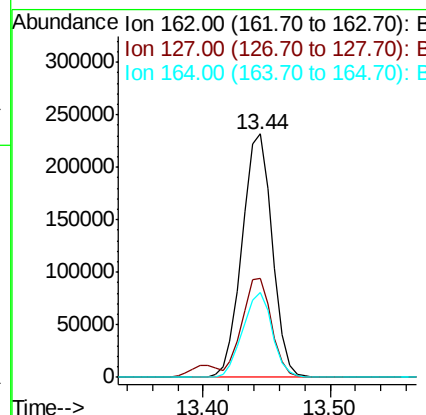
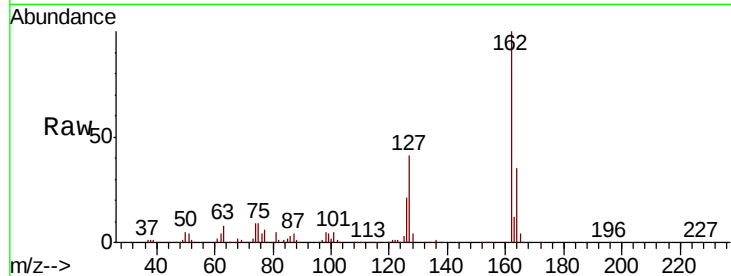




#47
 2-Chloronaphthalene
 Concen: 41.182 ng
 RT: 13.44 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

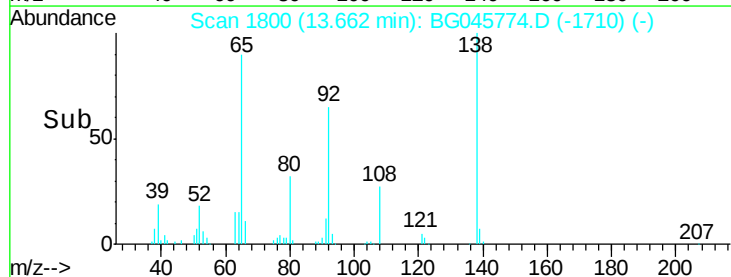
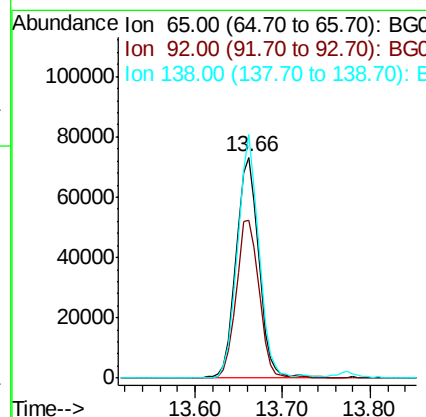
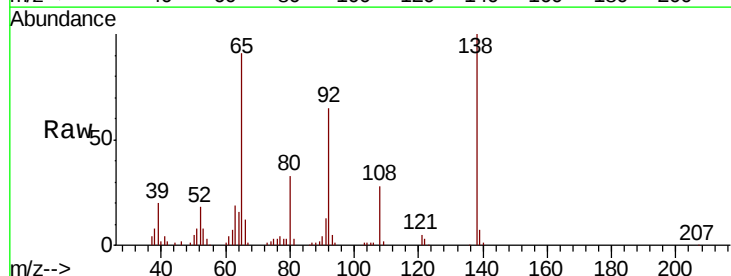
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

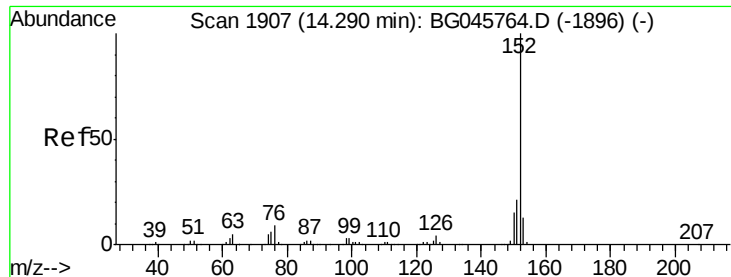
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.5	45.7
164	34.6	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.963 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	59.0	88.6
138	110.1	83.6	125.4





#49

Acenaphthylene

Concen: 42.024 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

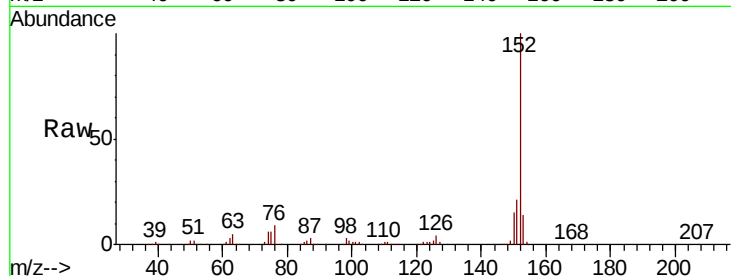
Tot Ion:152 Resp: 623899

Ion Ratio Lower Upper

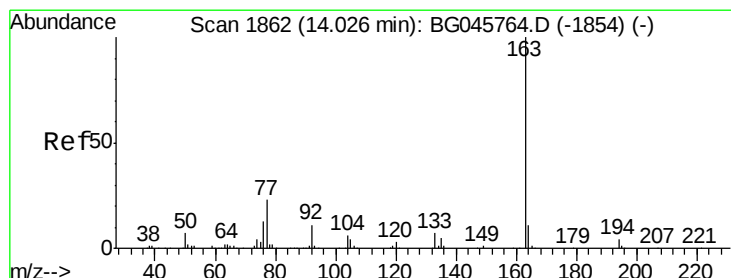
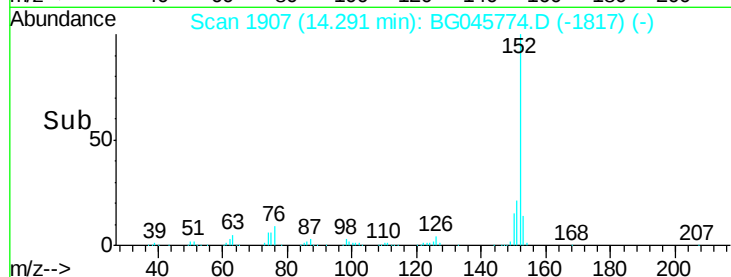
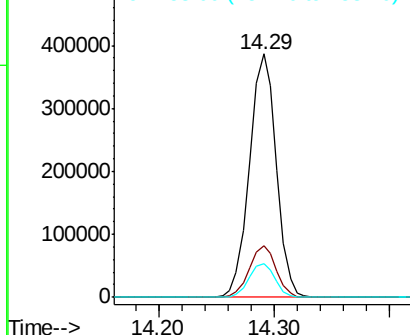
152 100

151 21.4 17.0 25.4

153 13.8 10.6 15.8



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: 42.370 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

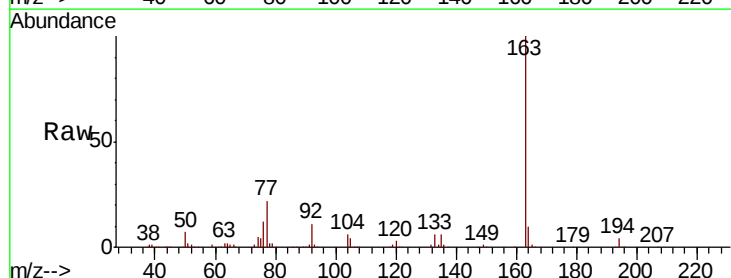
Tgt Ion:163 Resp: 531974

Ion Ratio Lower Upper

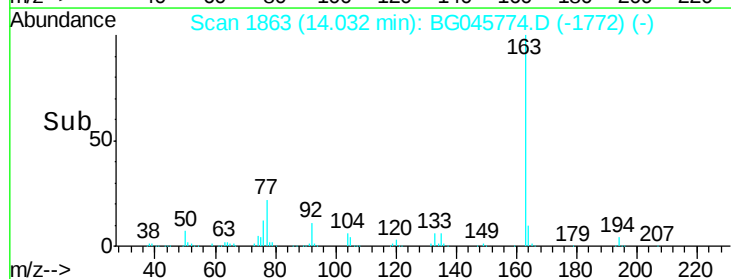
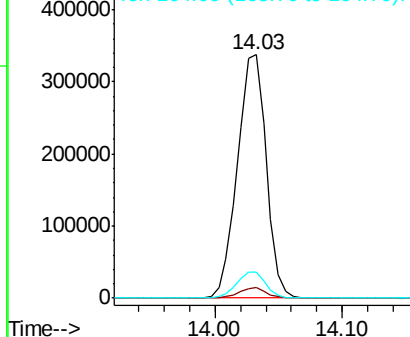
163 100

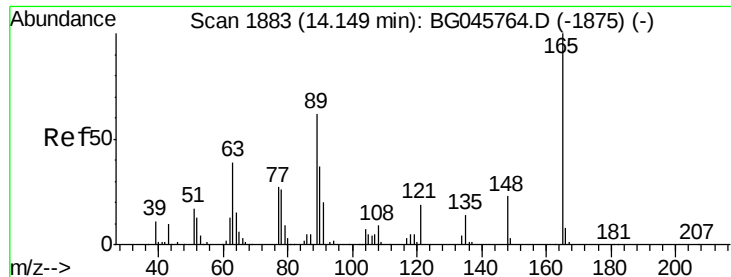
194 4.4 3.4 5.0

164 10.4 8.9 13.3



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

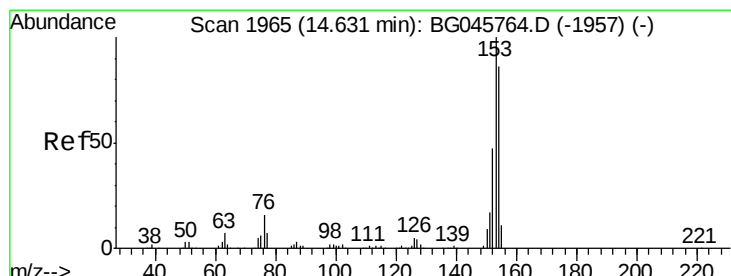
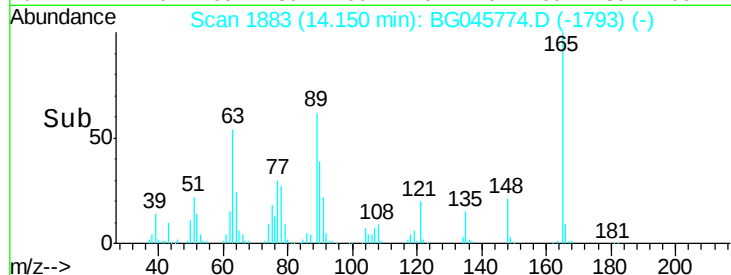
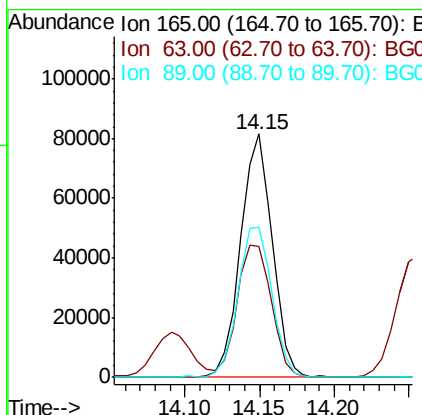
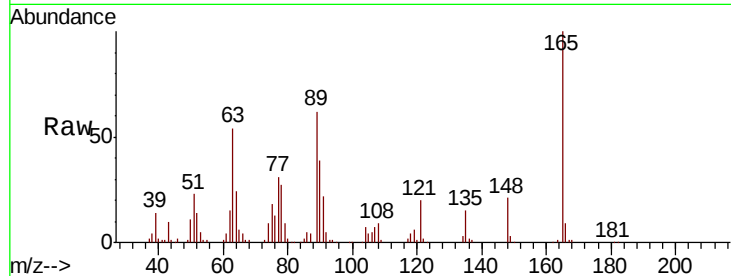




#51
 2,6-Dinitrotoluene
 Concen: 42.521 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

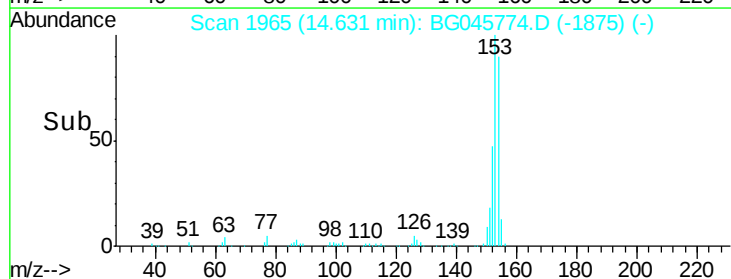
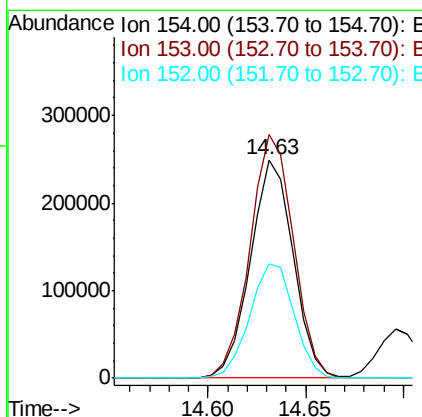
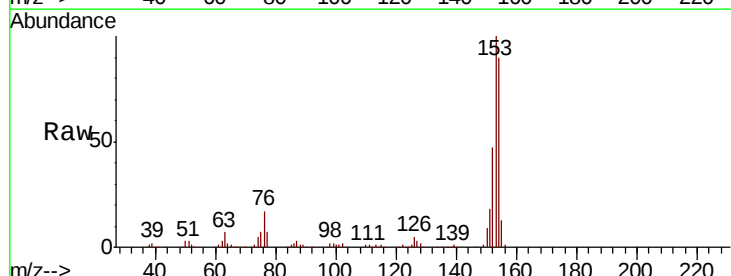
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.0	41.2	61.8
89	61.9	49.7	74.5



#52
 Acenaphthene
 Concen: 42.161 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	93.0	139.4
152	52.5	43.7	65.5

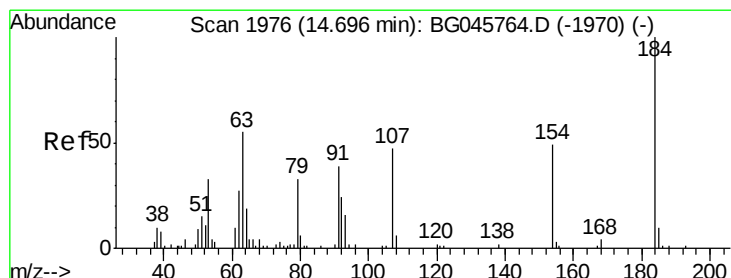
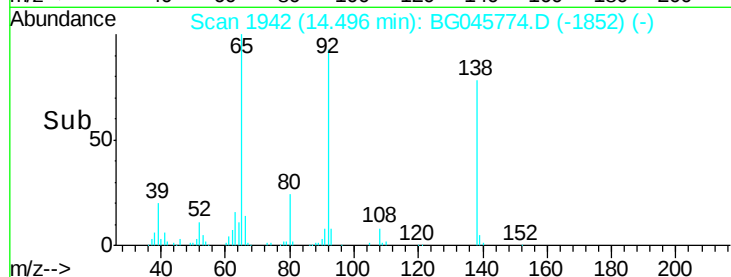
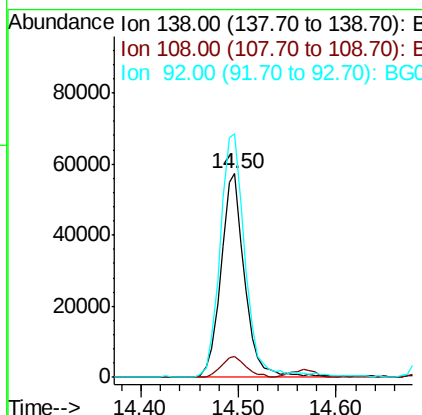
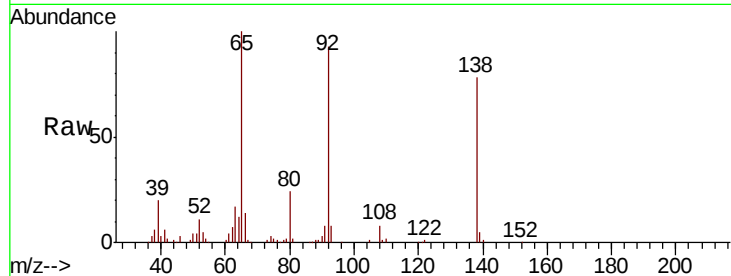




#53
3-Nitroaniline
Concen: 34.087 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

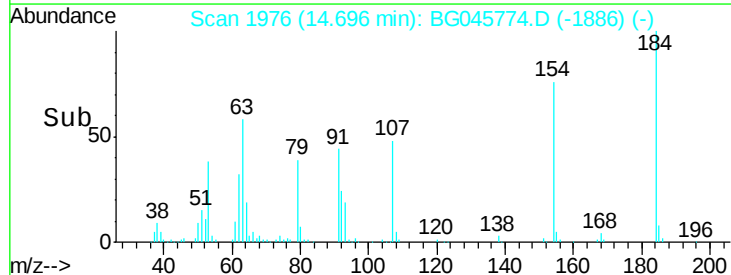
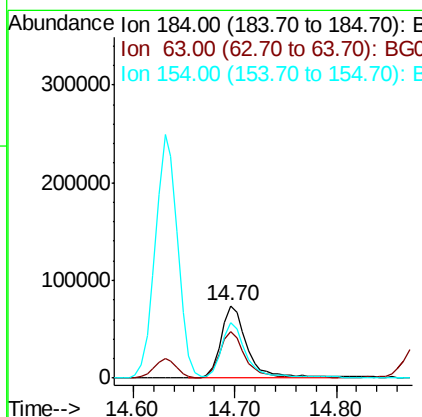
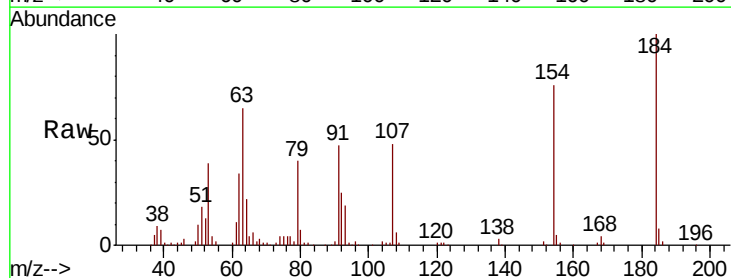
Instrument :
BNA_G
ClientSampleId :
PB129573BS

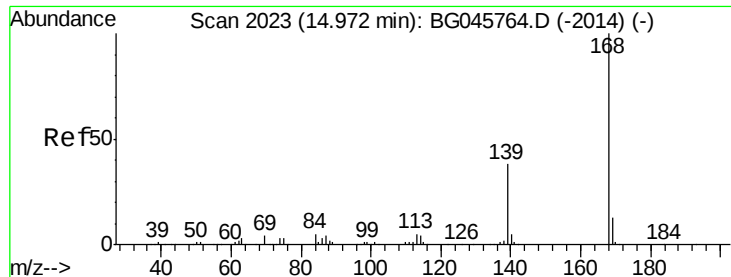
Tot Ion:138 Resp: 96013
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 119.5 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 84.346 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion:184 Resp: 133248
Ion Ratio Lower Upper
184 100
63 64.8 46.6 70.0
154 76.1 58.6 87.8





#55

Dibenzenofuran

Concen: 43.100 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

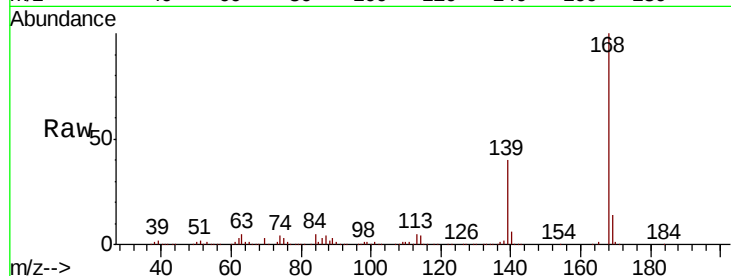
Tot Ion:168 Resp: 630076

Ion Ratio Lower Upper

168 100

139 40.4 31.8 47.6

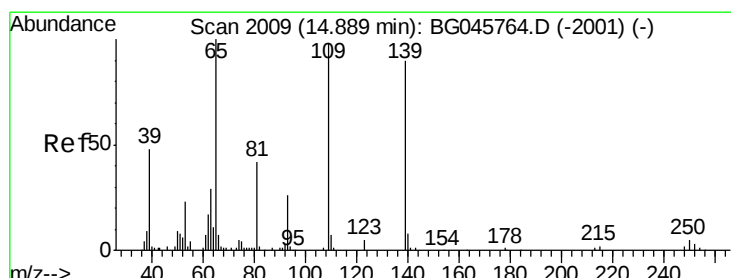
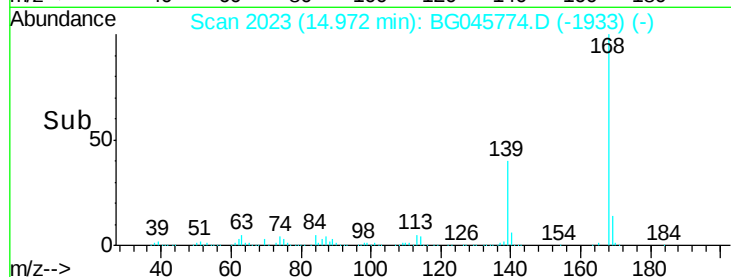
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.923 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

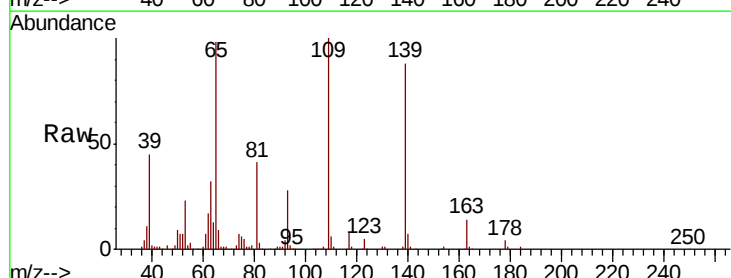
Tgt Ion:139 Resp: 159158

Ion Ratio Lower Upper

139 100

109 113.1 88.9 128.9

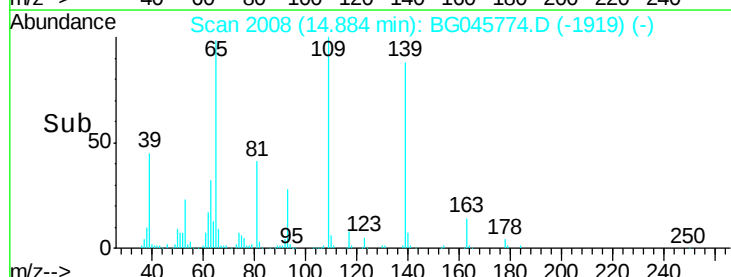
65 111.1 92.3 132.3

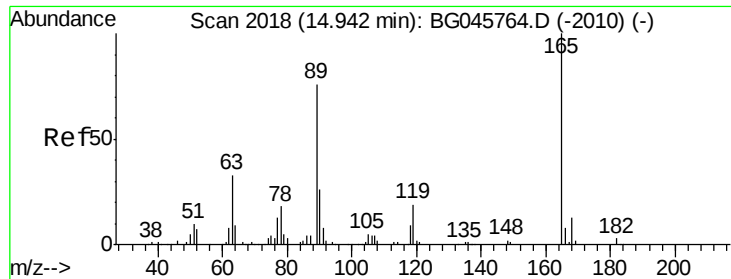


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

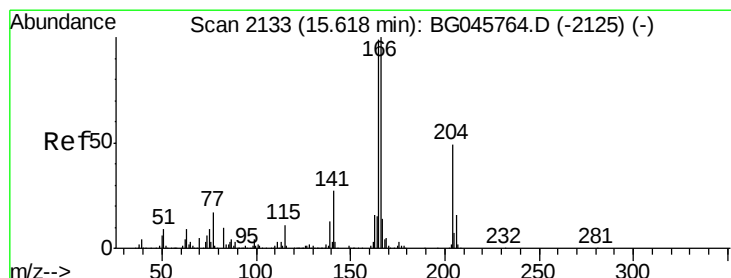
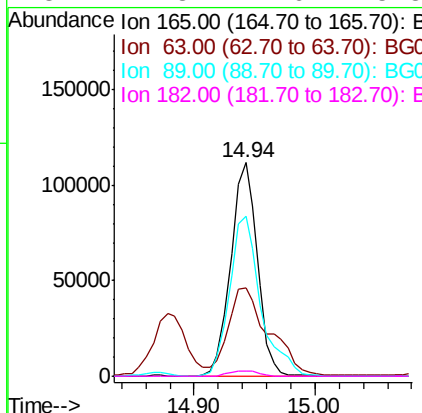
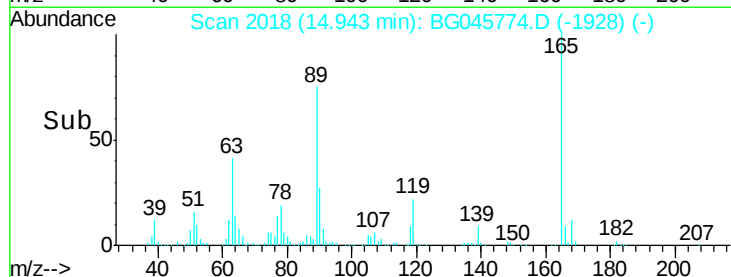
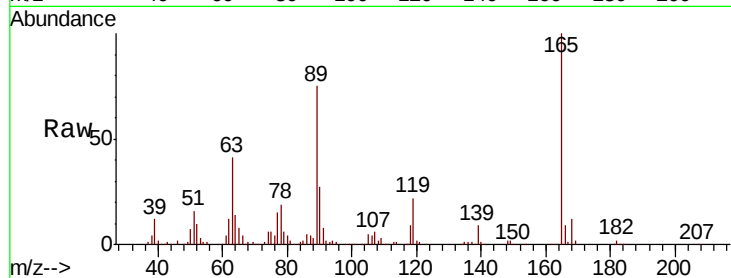




#57
 2,4-Dinitrotoluene
 Concen: 42.709 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

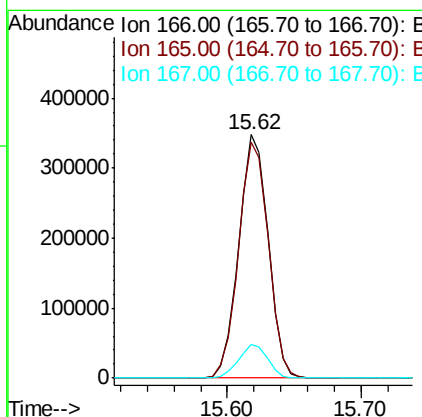
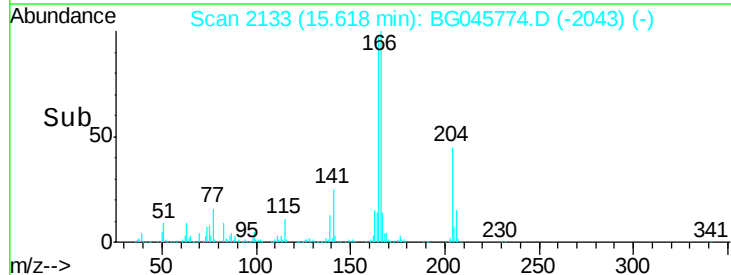
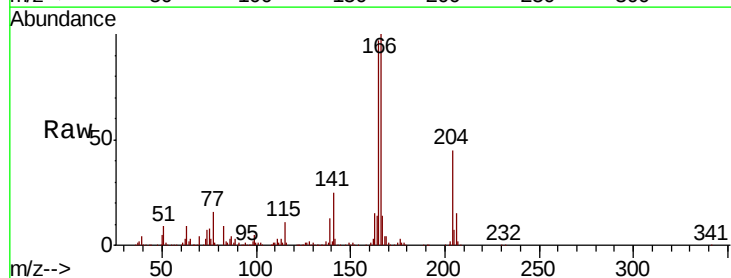
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

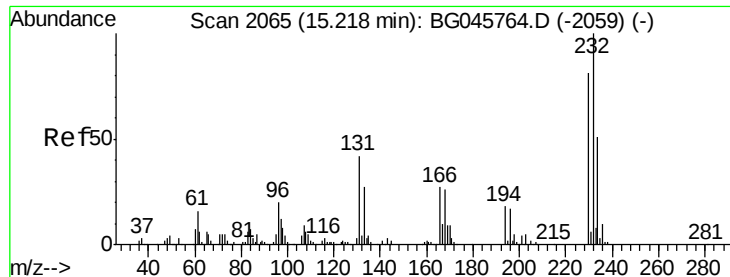
Tot Ion:	165	Resp:	172559
Ion	Ratio	Lower	Upper
165	100		
63	41.4	33.8	50.8
89	74.7	60.4	90.6
182	2.3	2.6	3.8#



#58
 Fluorene
 Concen: 43.439 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:	166	Resp:	528043
Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.1	118.7
167	13.8	11.5	17.3

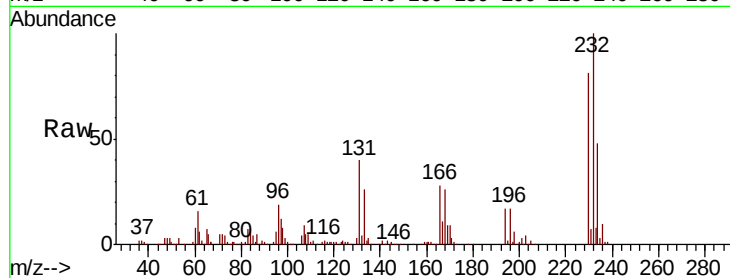




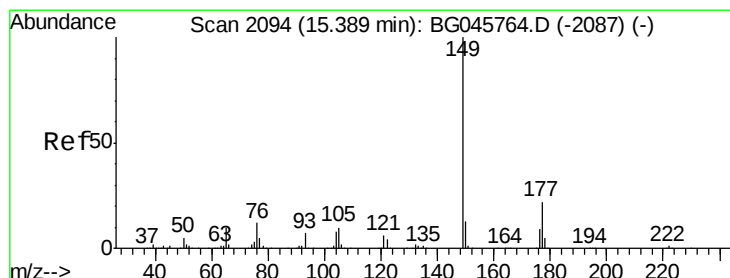
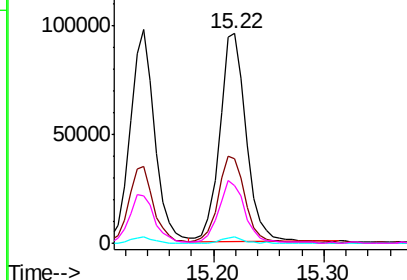
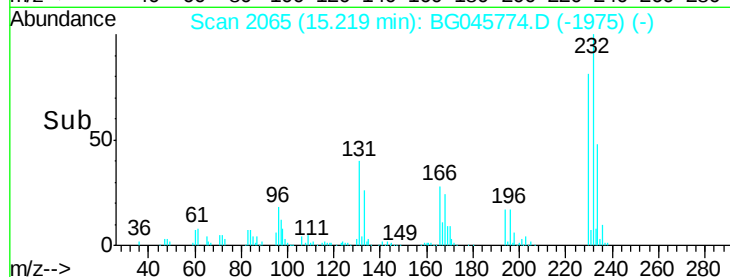
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.509 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

Tot Ion:232	Resp:	161071
Ion	Ratio	Lower Upper
232	100	
131	42.2	32.2 48.2
130	2.7	2.2 3.4
166	30.0	21.3 31.9

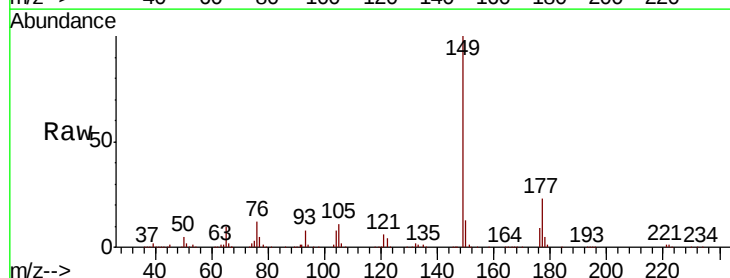


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

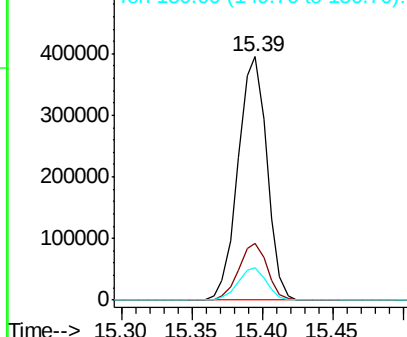
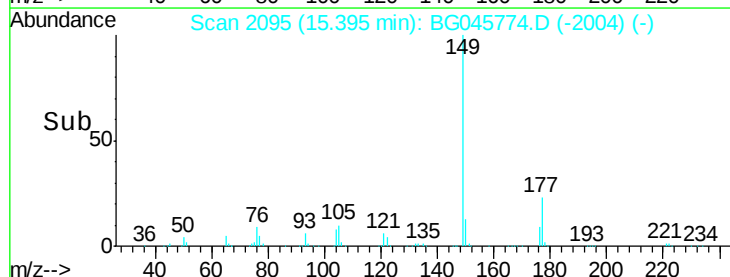


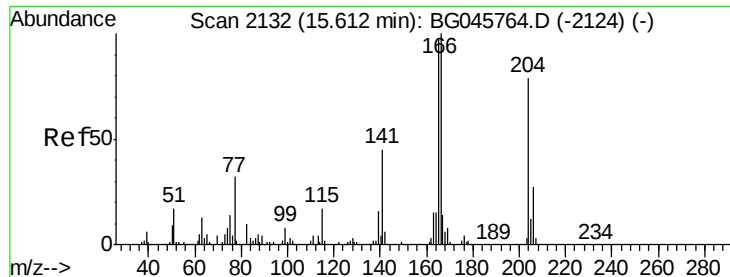
#60
 Diethylphthalate
 Concen: 43.949 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:149	Resp:	564078
Ion	Ratio	Lower Upper
149	100	
177	23.4	17.2 25.8
150	13.3	10.7 16.1



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

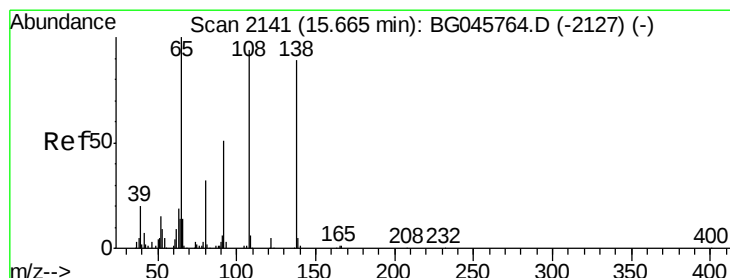
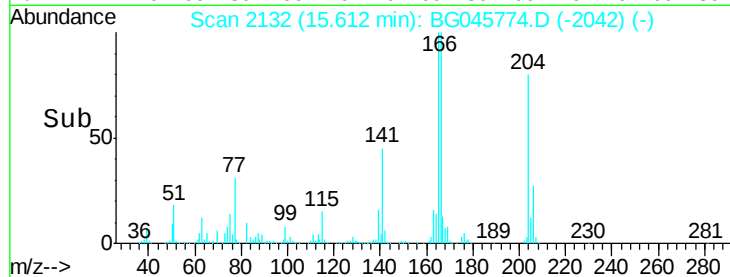
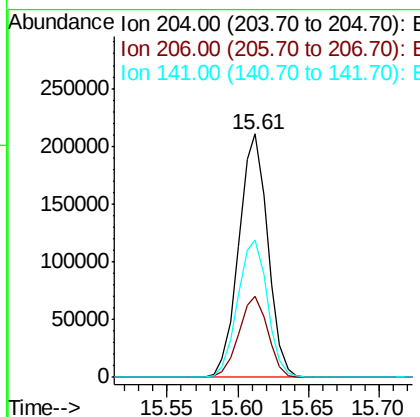
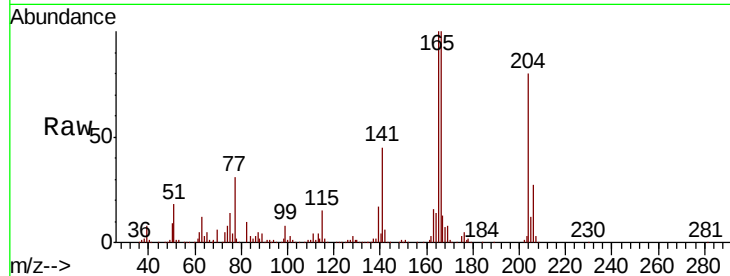




#61
 4-Chlorophenyl-phenylether
 Concen: 42.953 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

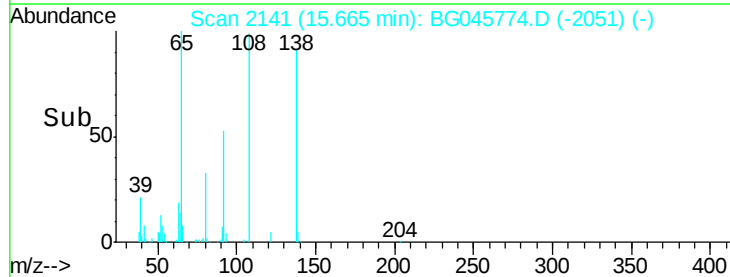
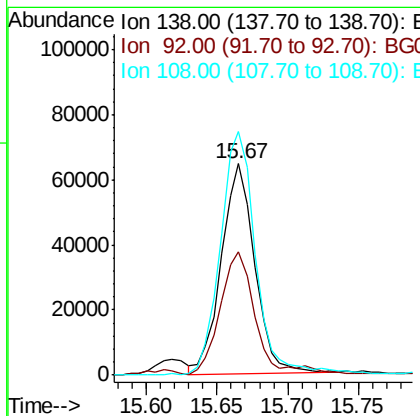
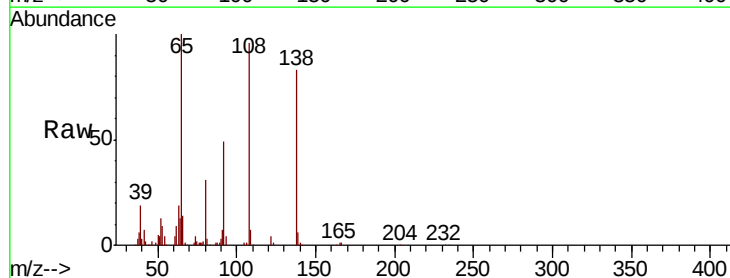
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

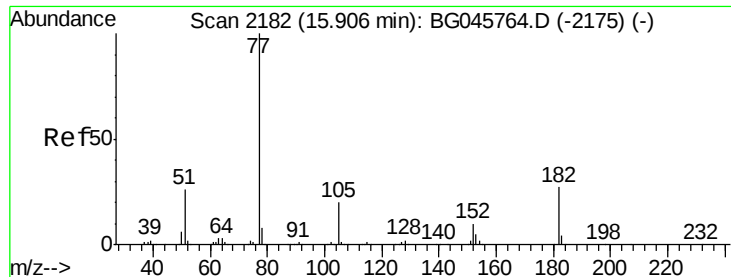
Tot Ion:204 Resp: 300942
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.2 40.8
 141 56.6 45.9 68.9



#62
 4-Nitroaniline
 Concen: 36.791 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:138 Resp: 106354
 Ion Ratio Lower Upper
 138 100
 92 58.6 37.3 77.3
 108 115.3 85.0 125.0

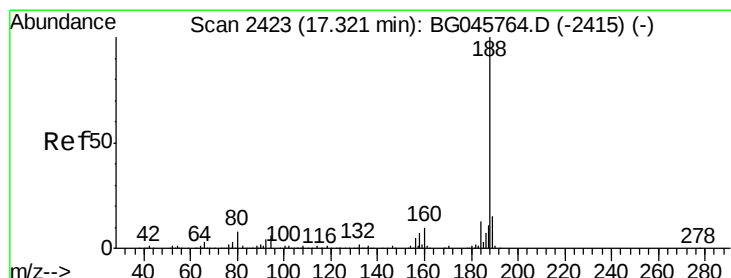
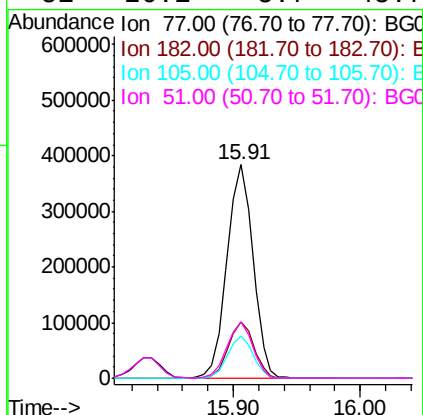
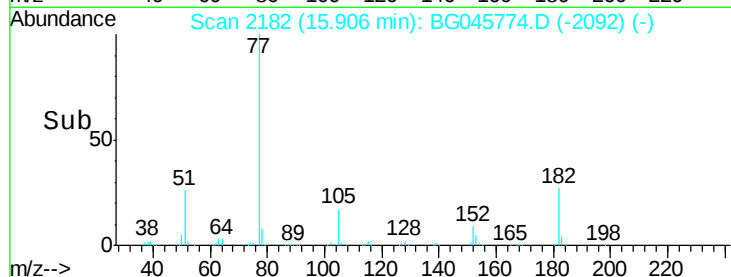
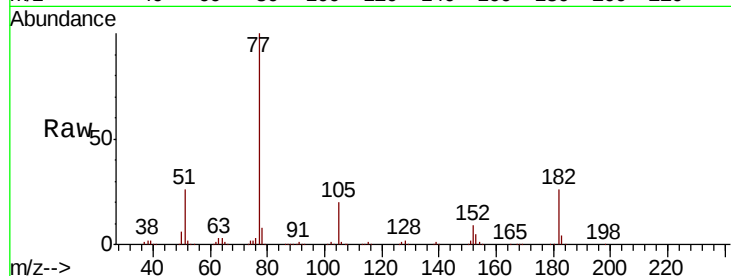




#63
Azobenzene
Concen: 44.109 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

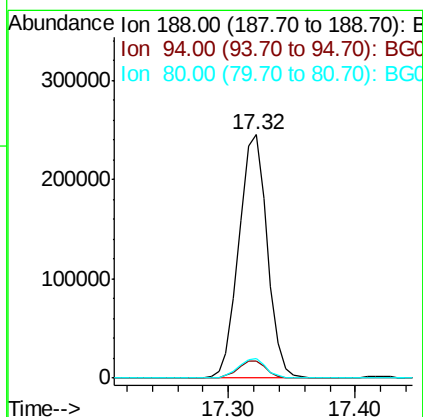
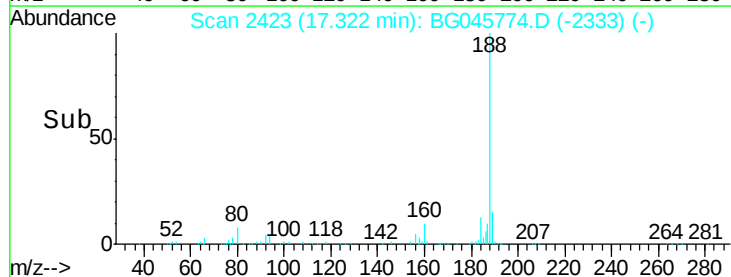
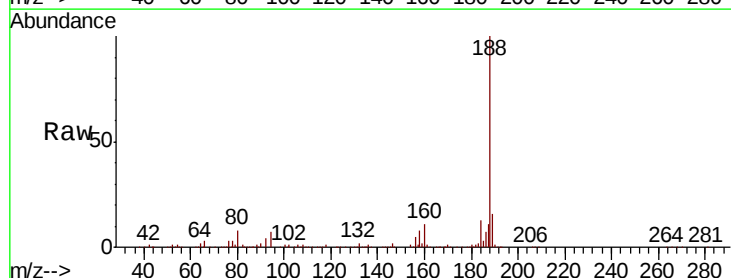
Instrument :
BNA_G
ClientSampleId :
PB129573BS

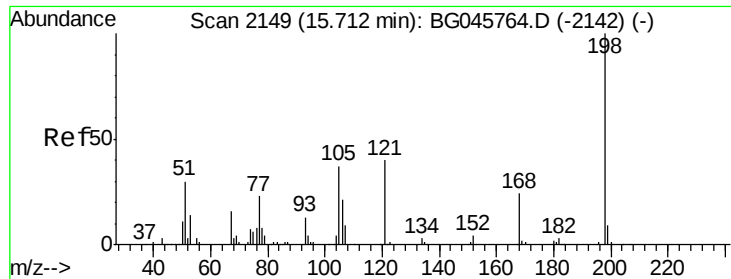
Tot Ion: 77 Resp: 543599
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 19.5 0.1 40.1
51 26.1 5.7 45.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion: 188 Resp: 380584
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 8.0 6.2 9.4

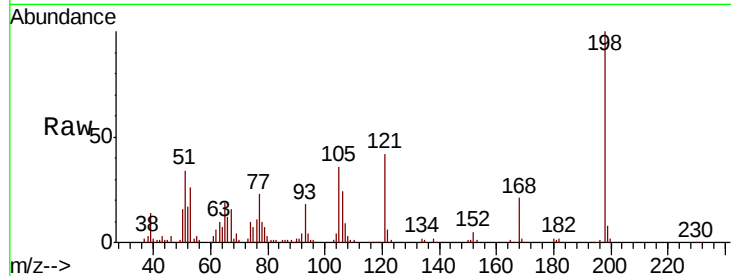




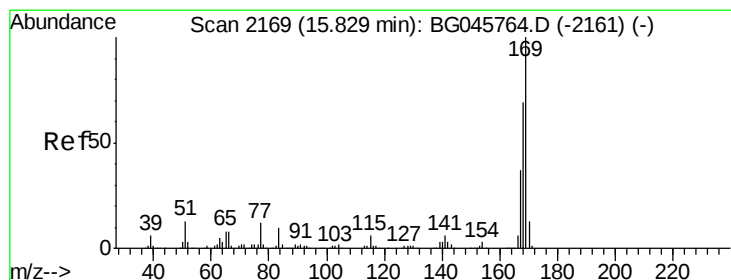
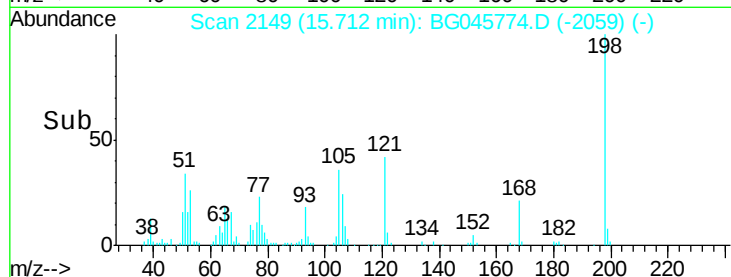
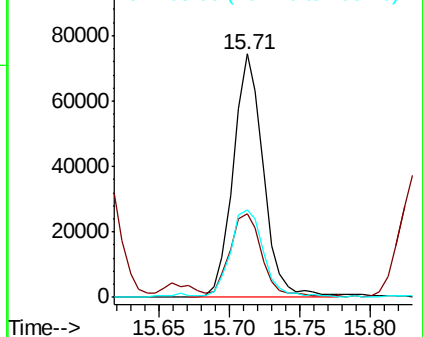
#65
4,6-Dinitro-2-methylphenol
Concen: 47.067 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129573BS

Tot Ion:198 Resp: 110702
Ion Ratio Lower Upper
198 100
51 34.1 14.6 54.6
105 35.9 18.4 58.4

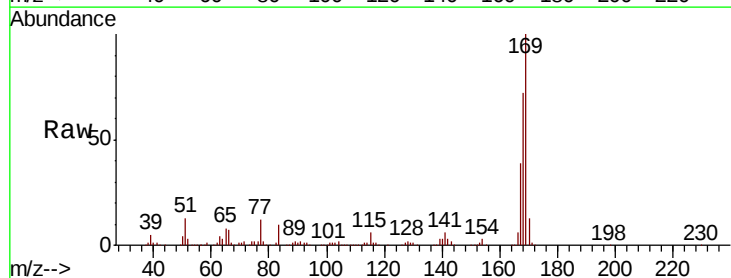


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

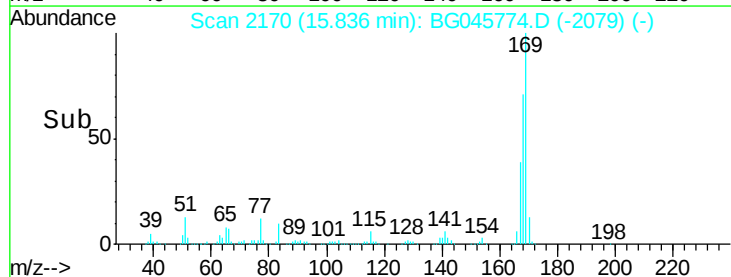
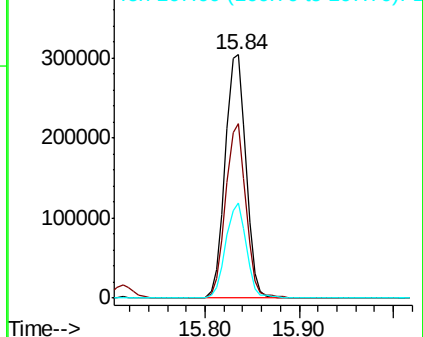


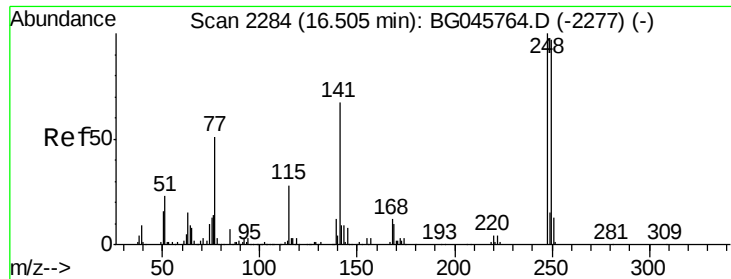
#66
n-Nitrosodiphenylamine
Concen: 43.358 ng
RT: 15.84 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion:169 Resp: 467385
Ion Ratio Lower Upper
169 100
168 71.5 55.2 82.8
167 39.1 29.8 44.6



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

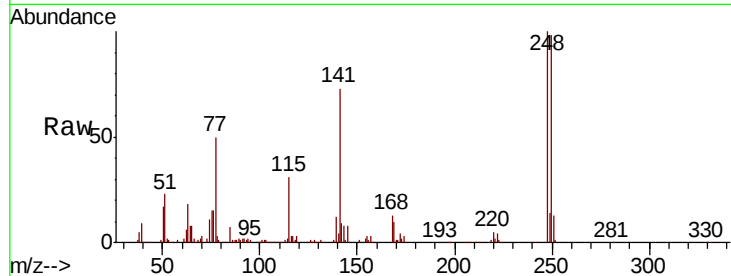




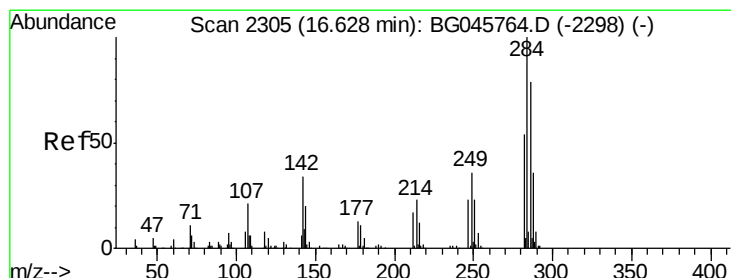
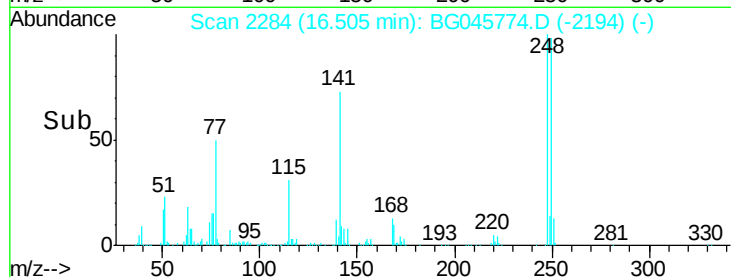
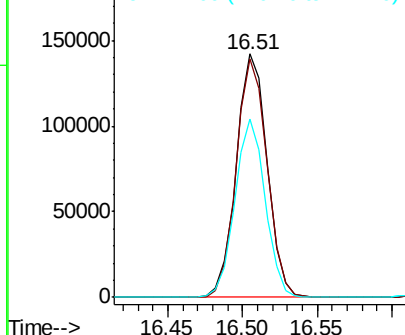
#67
4-Bromophenyl-phenylether
Concen: 41.156 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129573BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.0	117.0
141	73.2	53.9	80.9

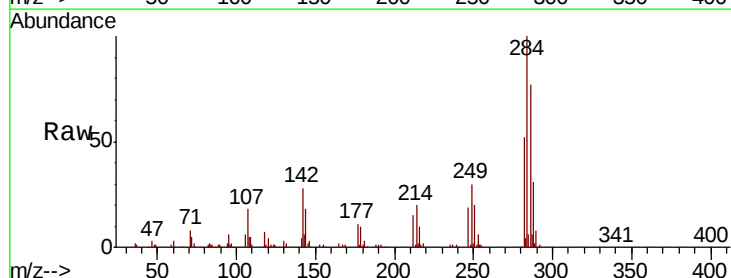


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

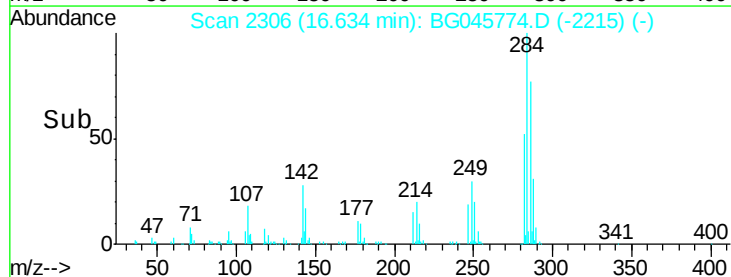
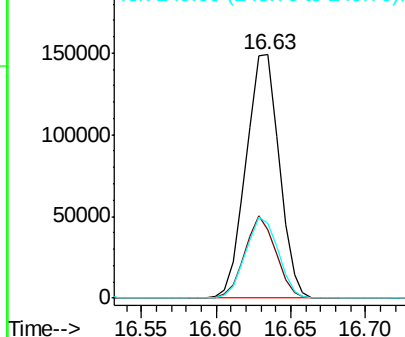


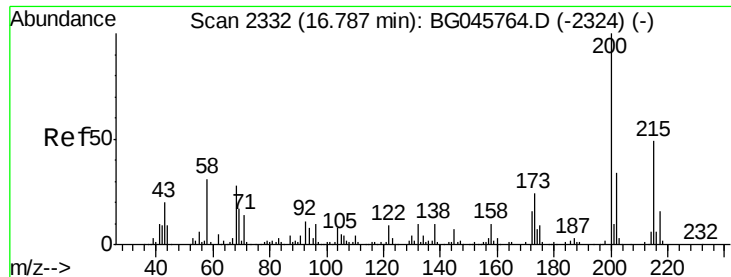
#68
Hexachlorobenzene
Concen: 44.802 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	26.9	40.3
249	30.4	28.6	42.8



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: 43.261 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

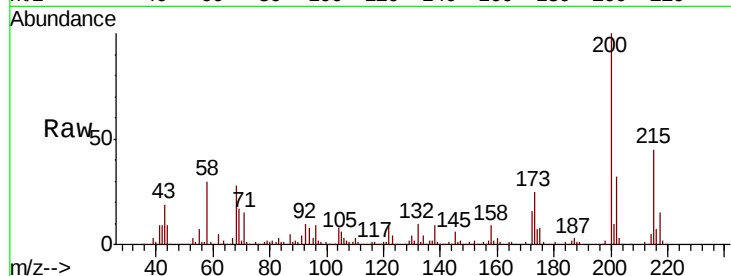
Tot Ion:200 Resp: 180959

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

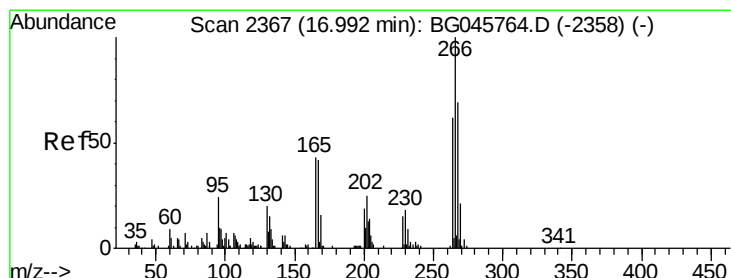
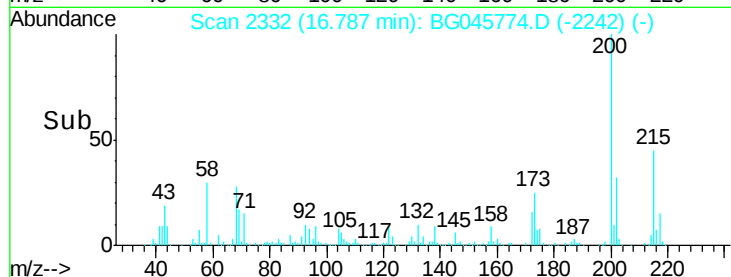
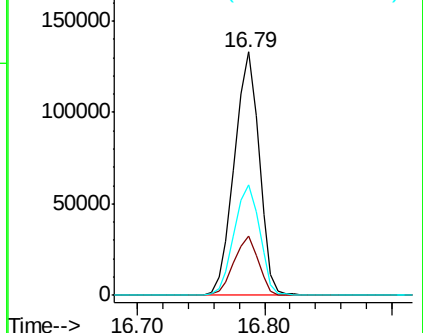
215 45.5 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.060 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

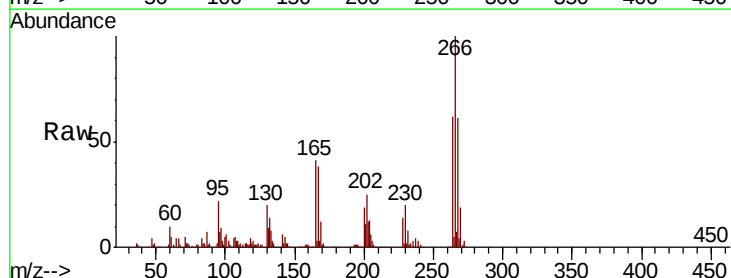
Tgt Ion:266 Resp: 224849

Ion Ratio Lower Upper

266 100

268 61.4 55.4 83.0

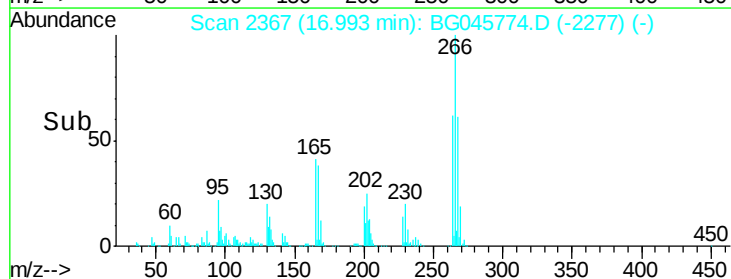
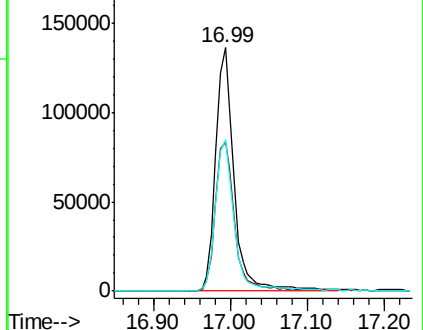
264 62.1 49.8 74.6

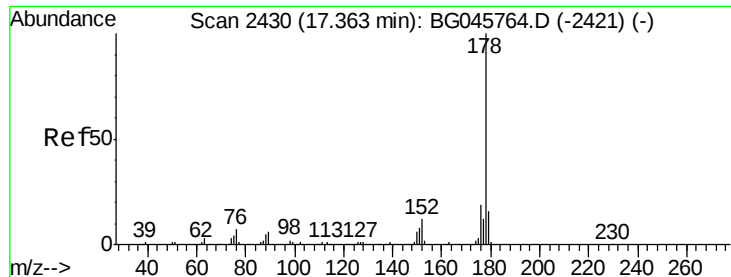


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

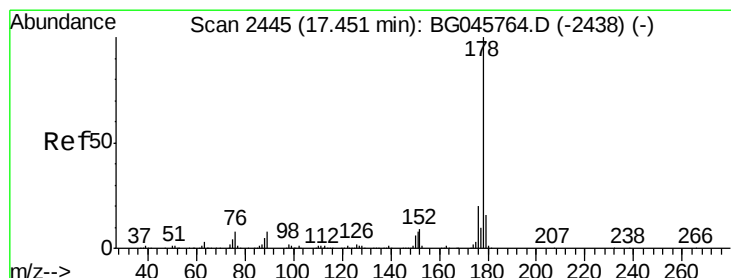
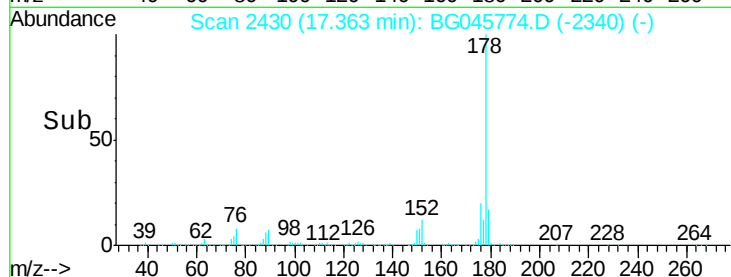
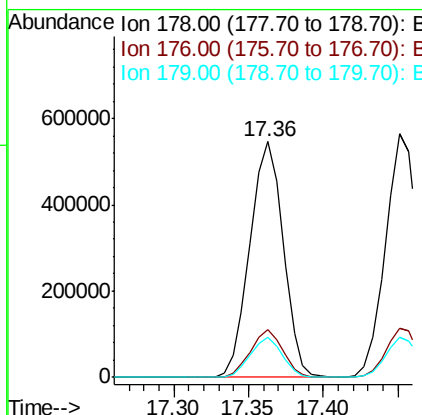
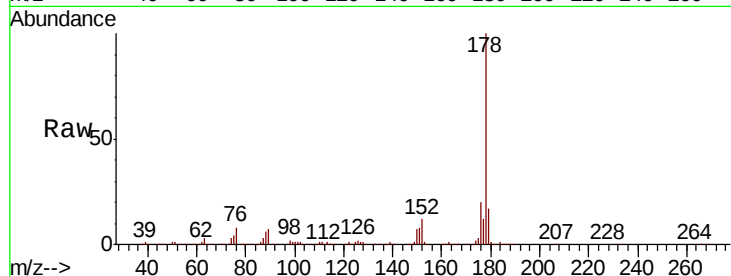




#71
Phenanthrene
Concen: 43.127 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

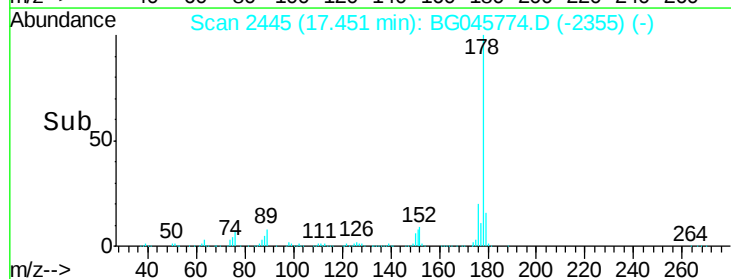
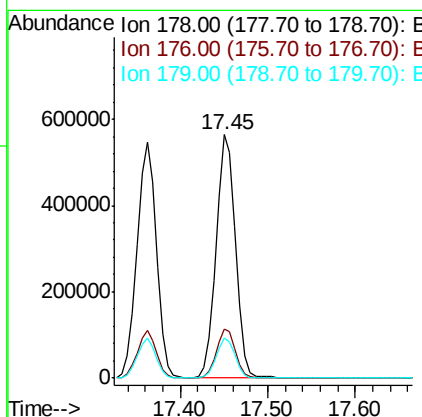
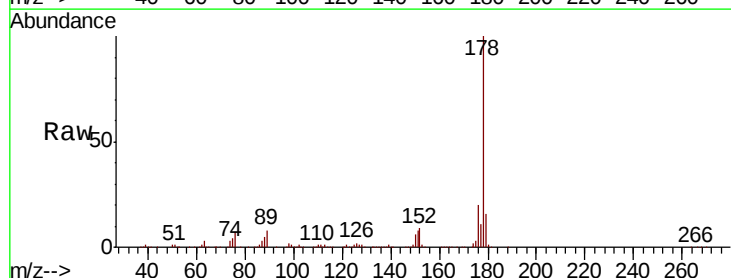
Instrument :
BNA_G
ClientSampleId :
PB129573BS

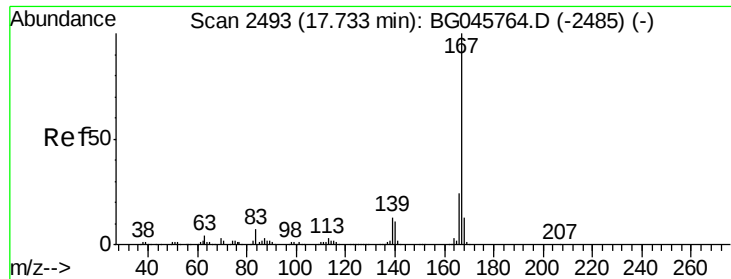
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.8	13.2	19.8



#72
Anthracene
Concen: 44.326 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	16.5	13.1	19.7

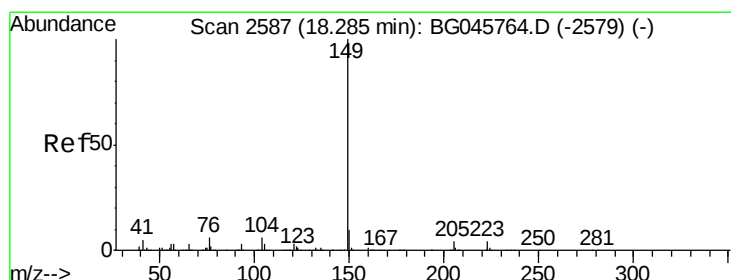
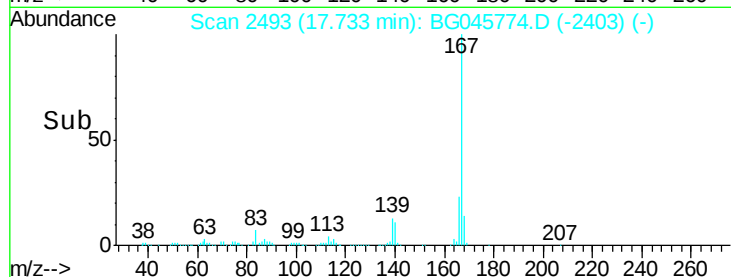
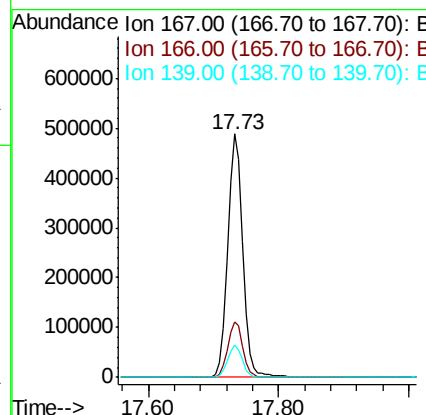
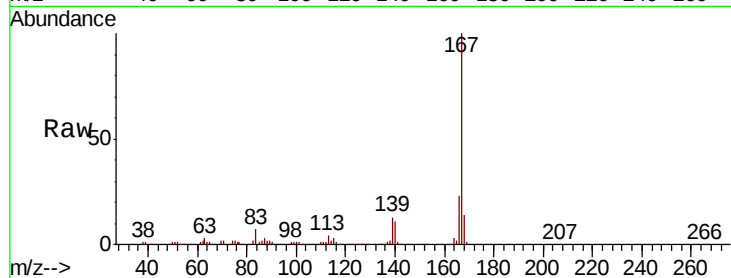




#73
 Carbazole
 Concen: 41.942 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

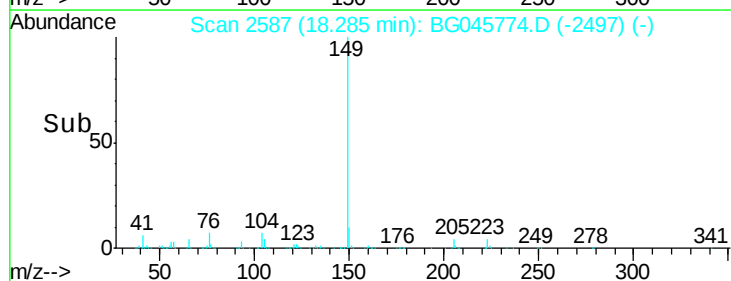
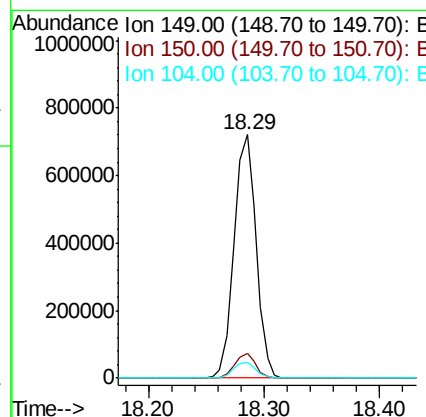
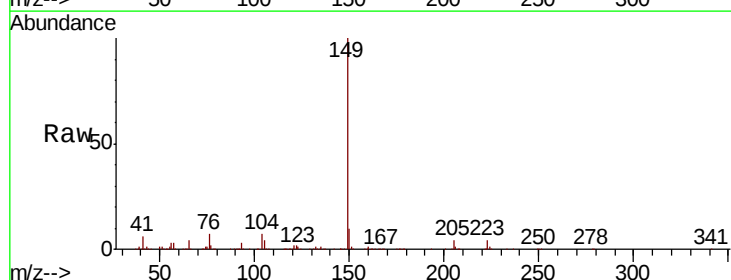
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

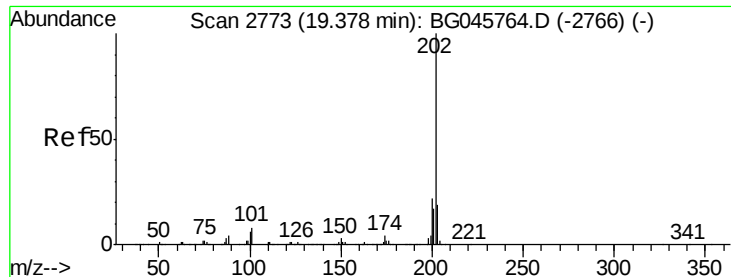
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	13.3	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 43.171 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	6.6	5.1	7.7





#75

Fluoranthene

Concen: 43.444 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

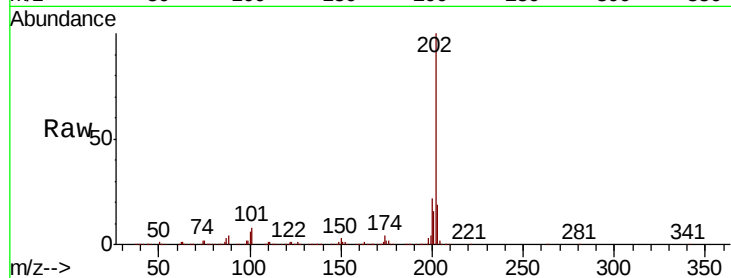
Tot Ion:202 Resp: 1048582

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.7

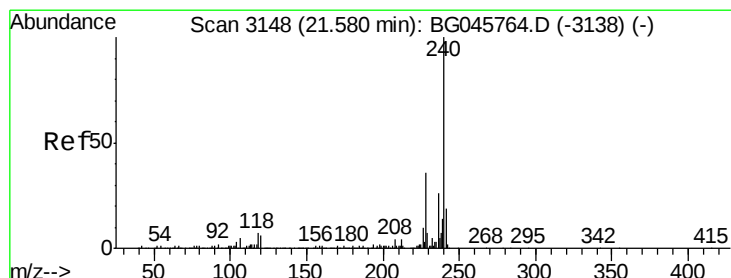
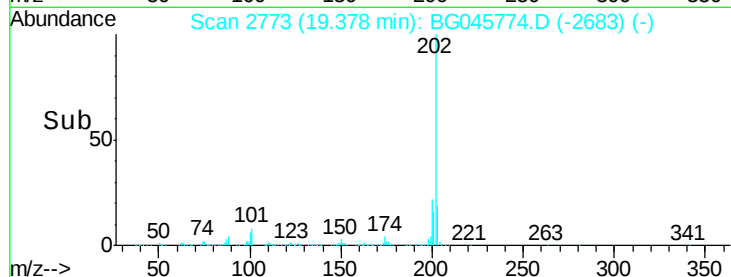
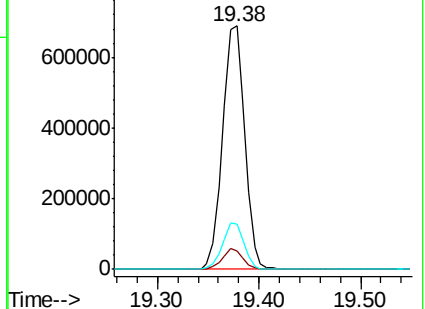
203 18.7 0.0 38.7



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: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

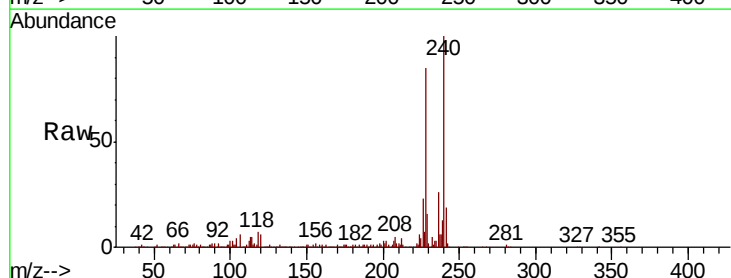
Tgt Ion:240 Resp: 353288

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

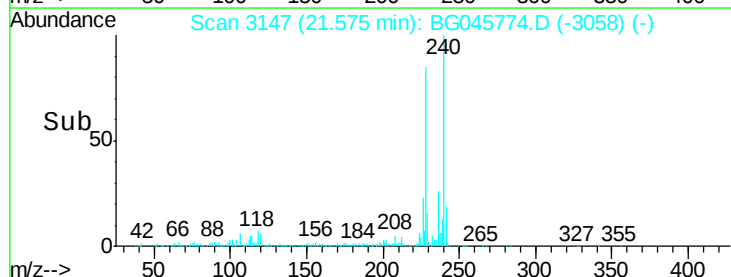
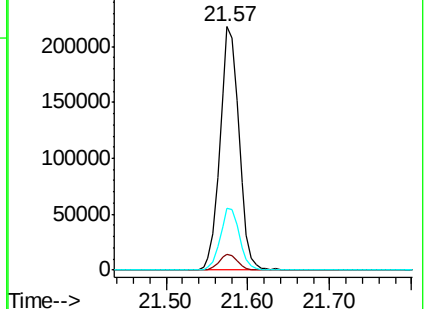
236 25.5 20.6 30.8

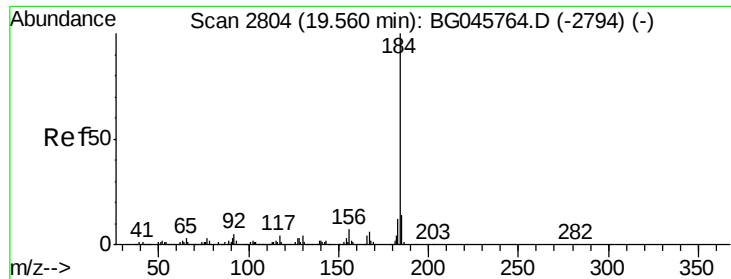


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.498 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

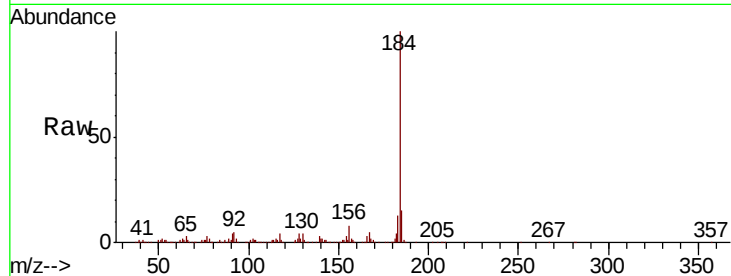
Tot Ion:184 Resp: 592379

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

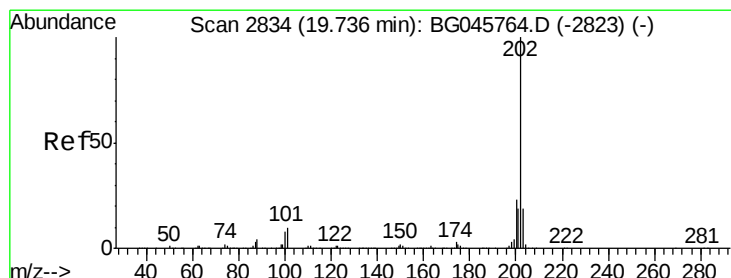
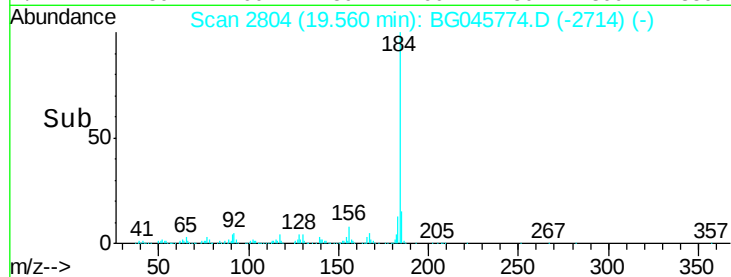
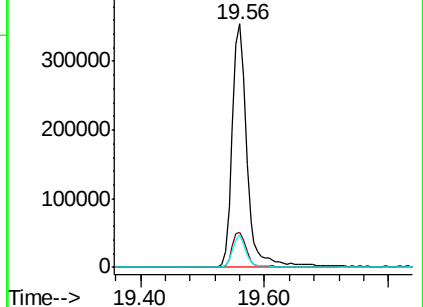
183 13.1 9.7 14.5



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: 42.771 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

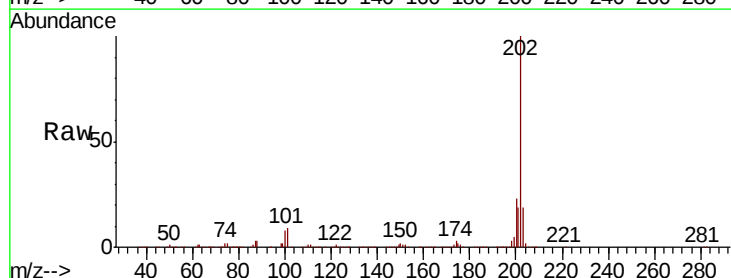
Tgt Ion:202 Resp: 1011856

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

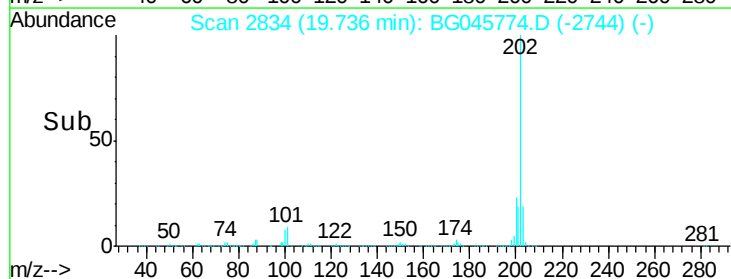
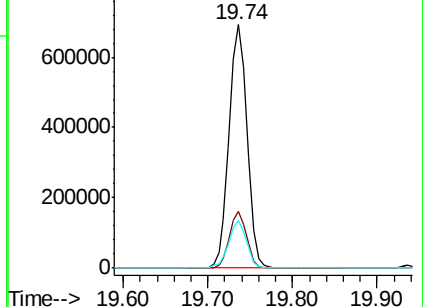
203 19.4 14.8 22.2

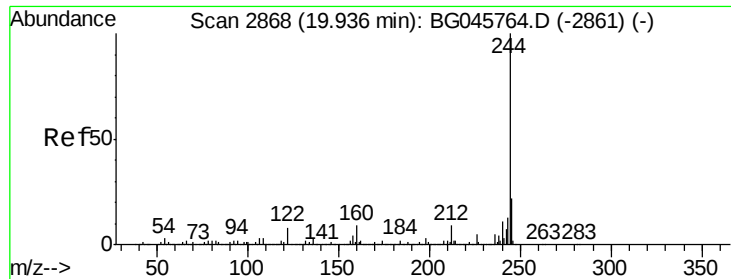


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.512 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

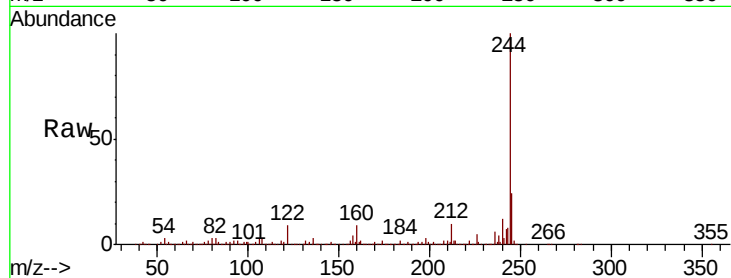
Tot Ion:244 Resp: 1752192

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

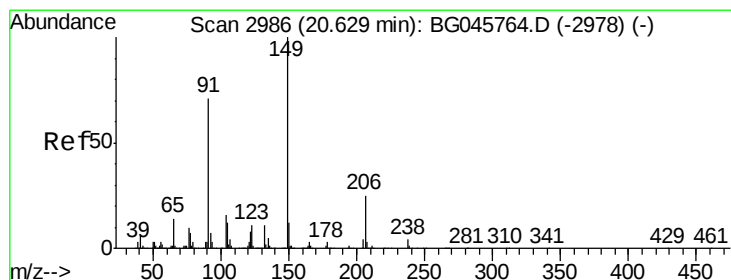
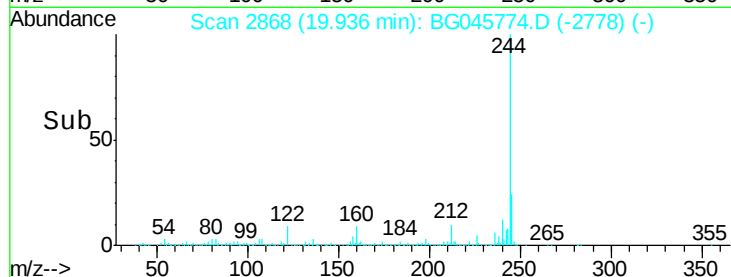
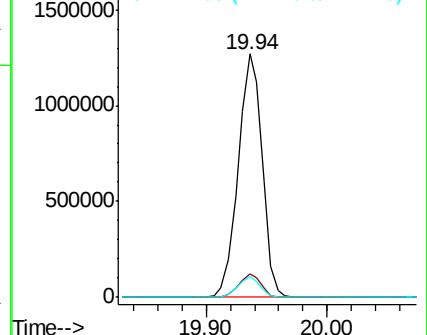
122 8.7 6.4 9.6



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: 41.703 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

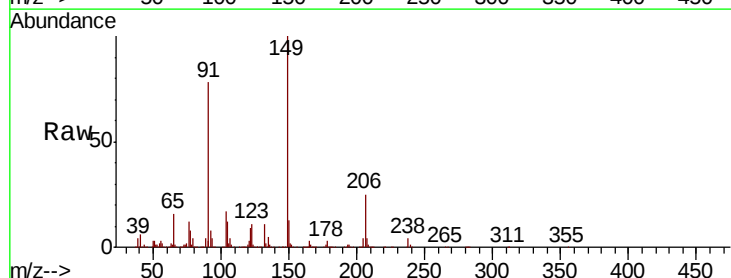
Tgt Ion:149 Resp: 412962

Ion Ratio Lower Upper

149 100

91 77.9 56.4 84.6

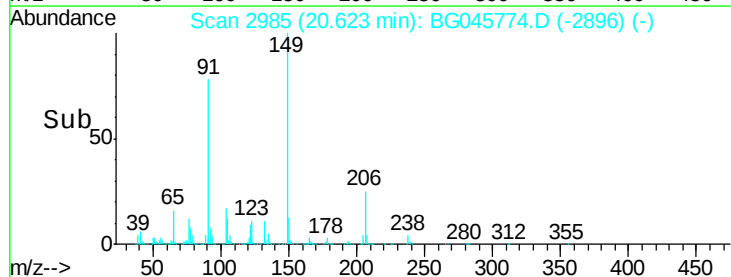
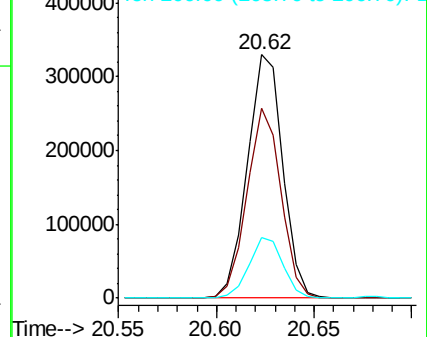
206 24.7 19.8 29.6

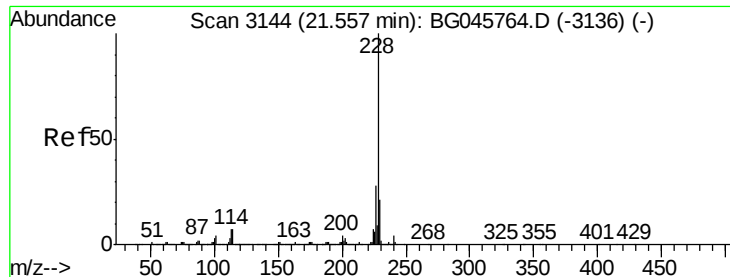


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.430 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

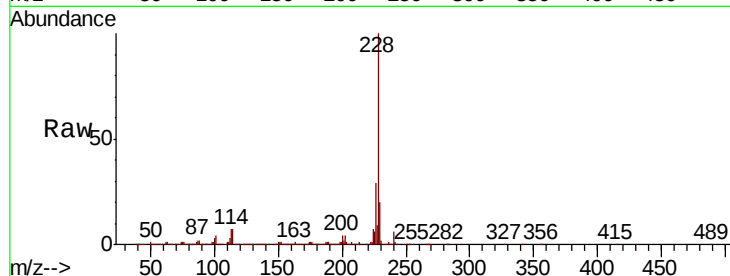
BNA_G

ClientSampleId :

PB129573BS

Tot Ion:228 Resp: 994758

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.2	16.6	24.8

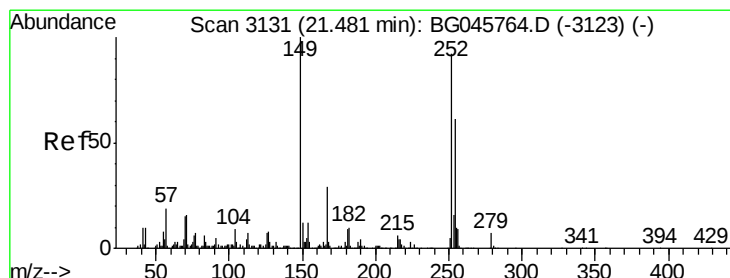
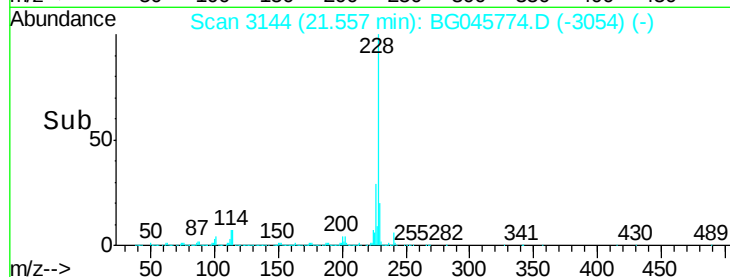
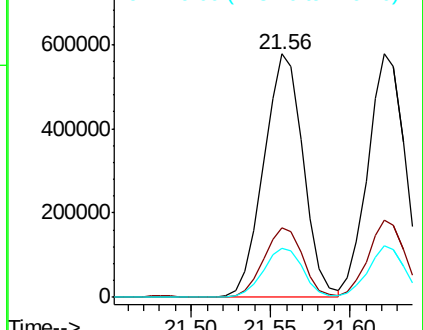


Abundance

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: 34.940 ng

RT: 21.48 min Scan# 3131

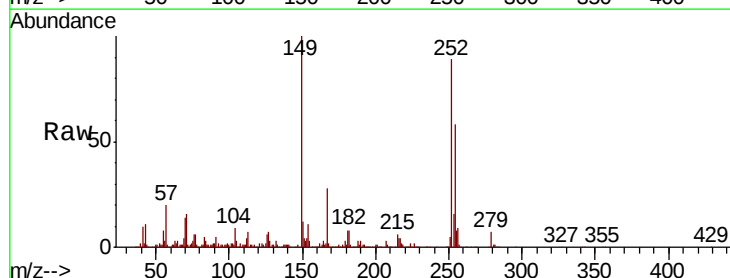
Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Tgt Ion:252 Resp: 302717

Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.4	80.0
126	7.3	5.8	8.8

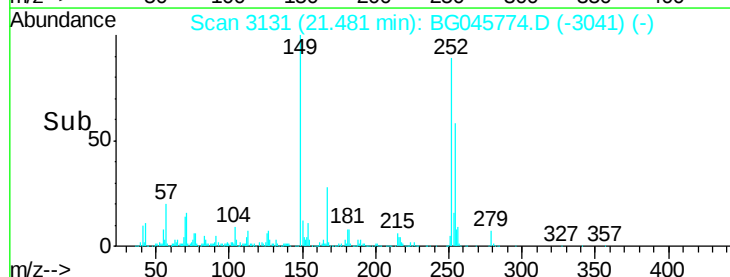
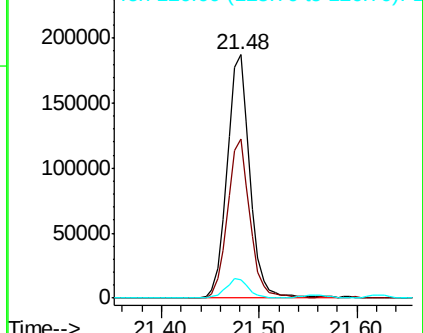


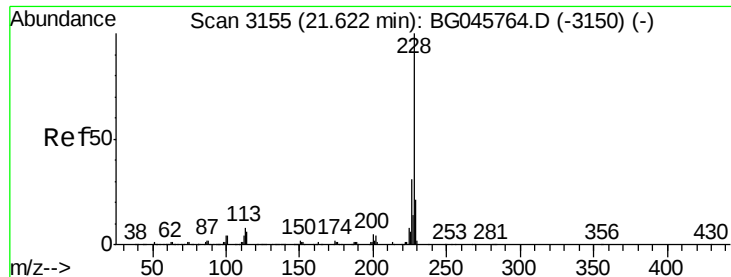
Abundance

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: 42.364 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

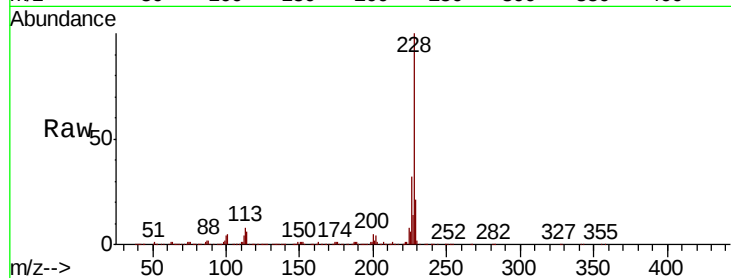
Tot Ion:228 Resp: 938541

Ion Ratio Lower Upper

228 100

226 32.0 25.1 37.7

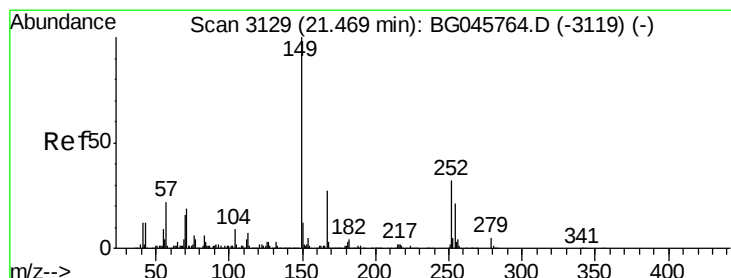
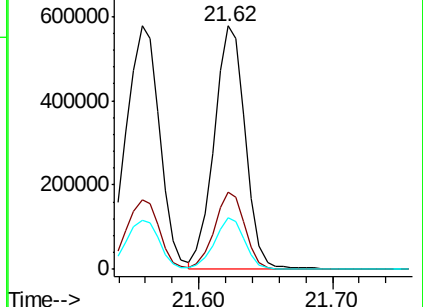
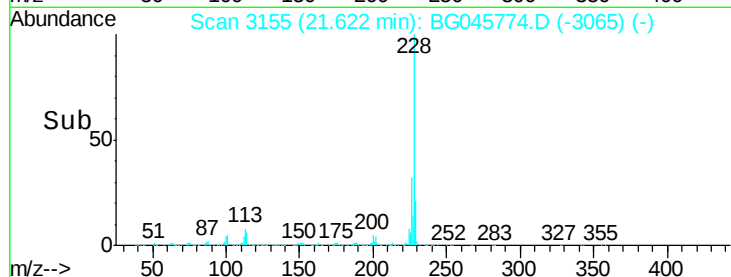
229 21.3 16.4 24.6



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: 42.828 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

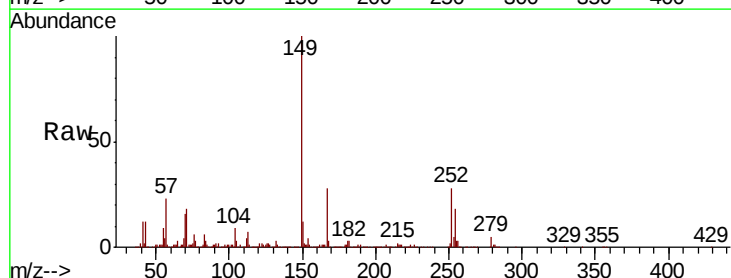
Tgt Ion:149 Resp: 589905

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

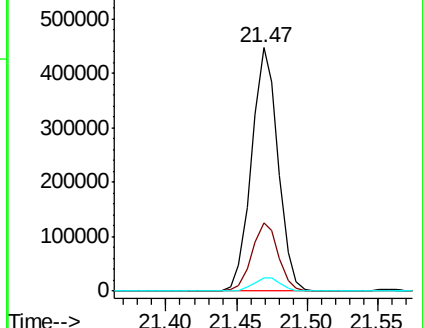
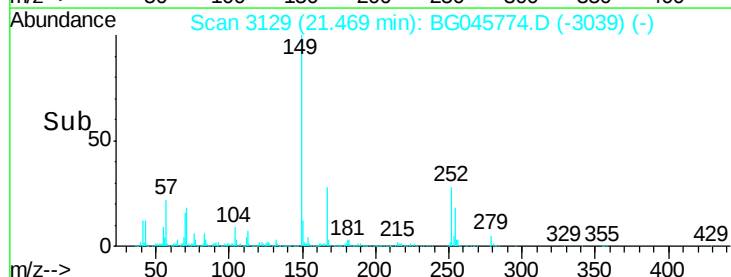
279 5.2 3.7 5.5

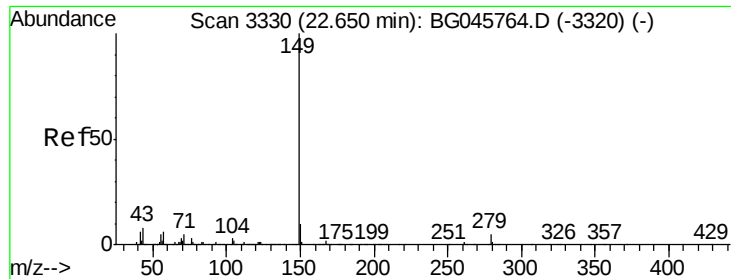


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.828 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

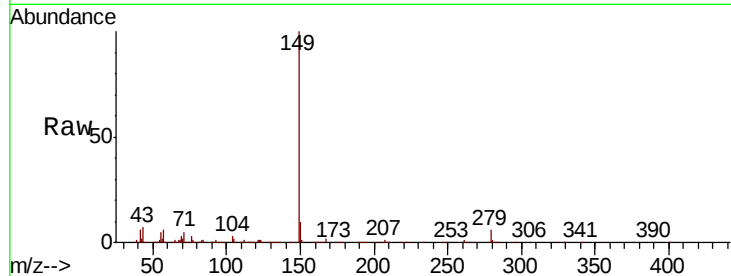
Tot Ion:149 Resp: 993794

Ion Ratio Lower Upper

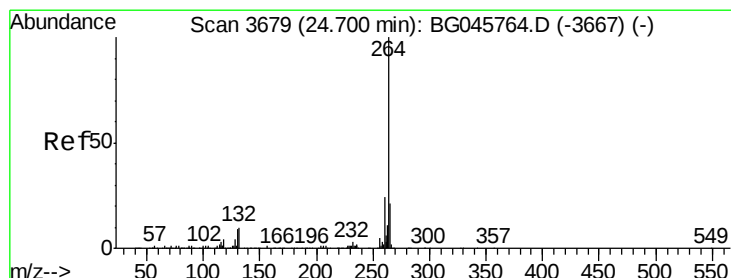
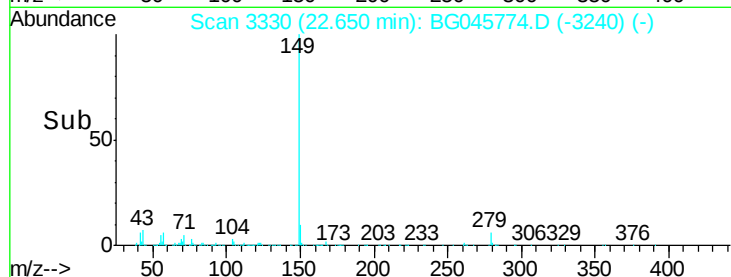
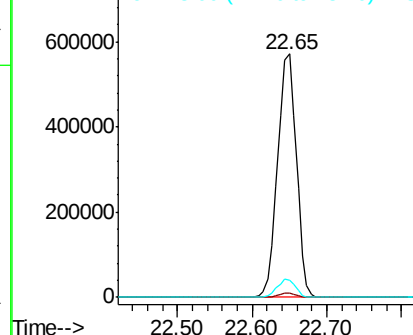
149 100

167 1.7 1.4 2.0

43 7.3 5.9 8.9



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

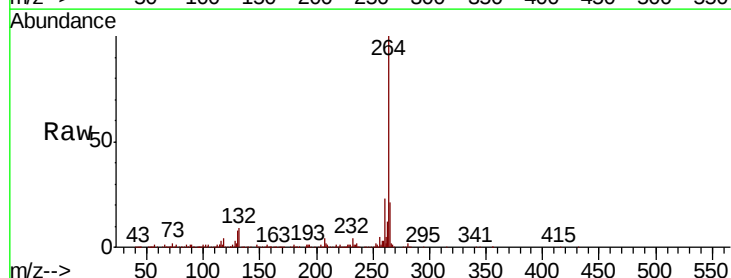
Tgt Ion:264 Resp: 386605

Ion Ratio Lower Upper

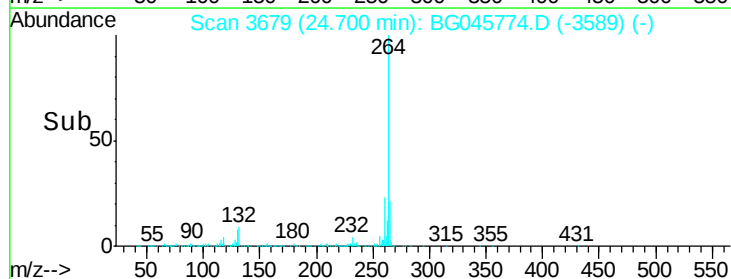
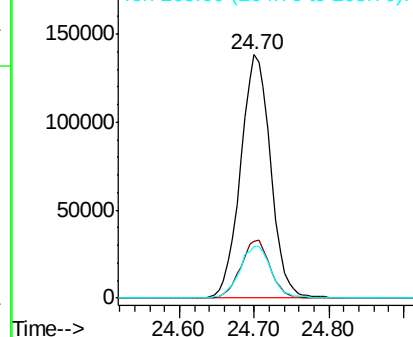
264 100

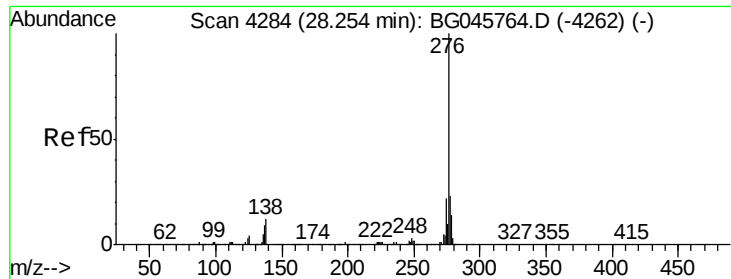
260 23.3 19.0 28.4

265 21.0 17.4 26.0



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

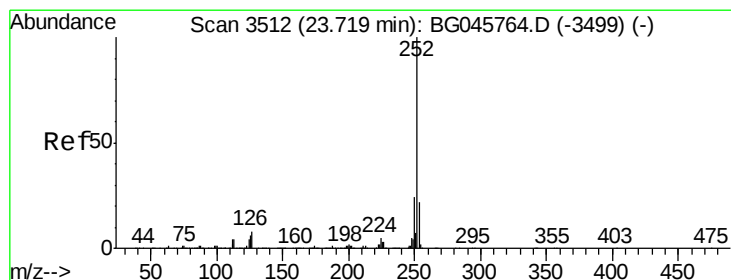
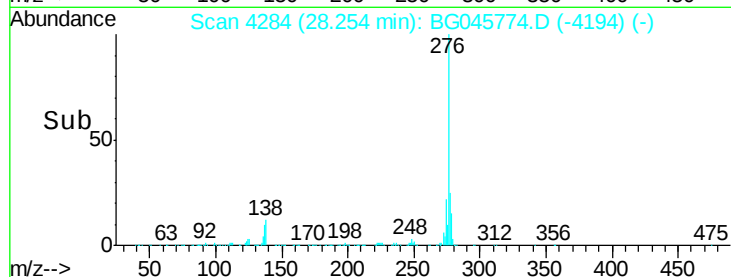
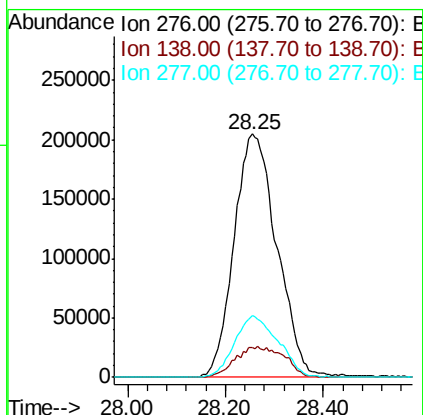
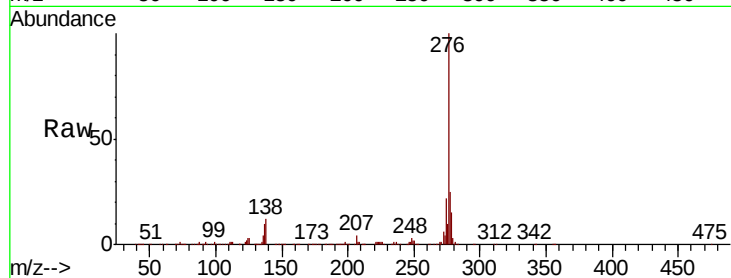




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.602 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

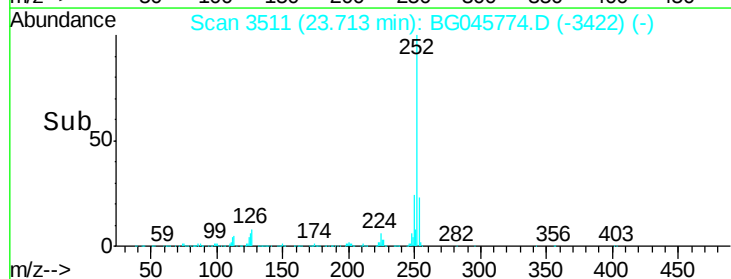
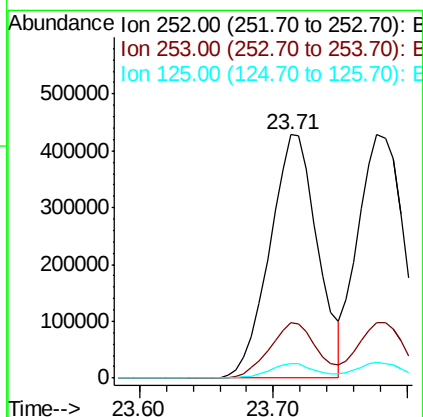
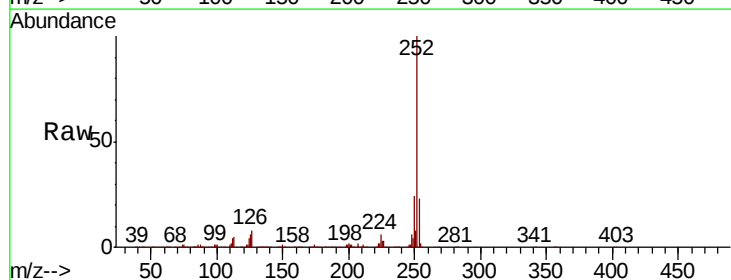
Instrument :
 BNA_G
 ClientSampleId :
 PB129573BS

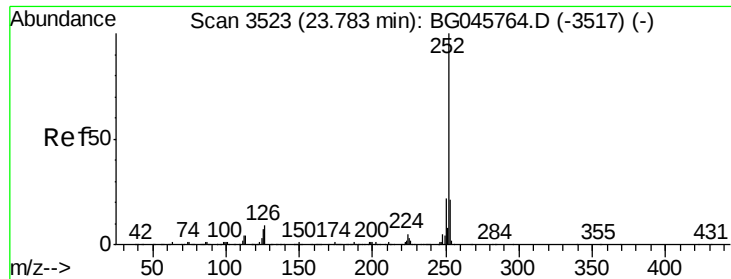
Tot Ion:276 Resp: 1250065
 Ion Ratio Lower Upper
 276 100
 138 8.2 5.4 8.0#
 277 25.8 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 43.925 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045774.D
 Acq: 16 Jun 2020 16:01

Tgt Ion:252 Resp: 1064729
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 6.2 5.0 7.4

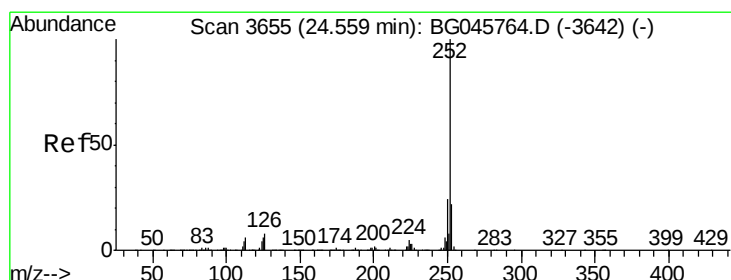
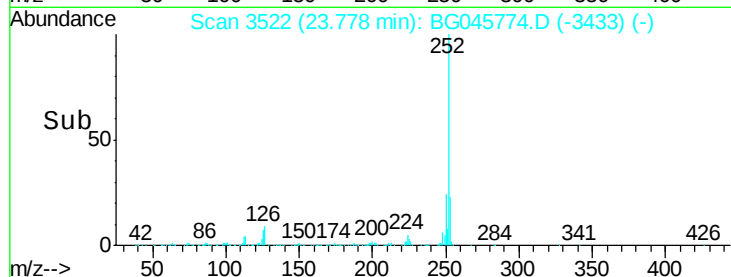
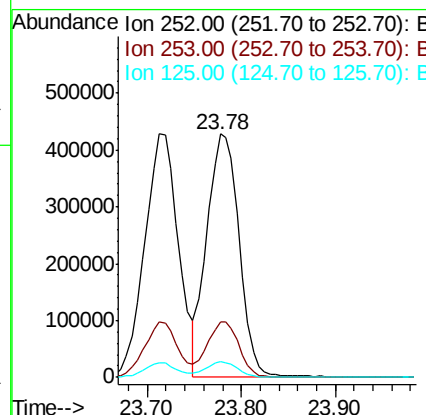
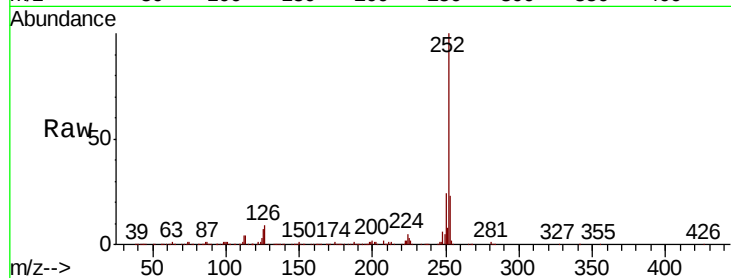




#89
Benzo(k)fluoranthene
Concen: 44.144 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

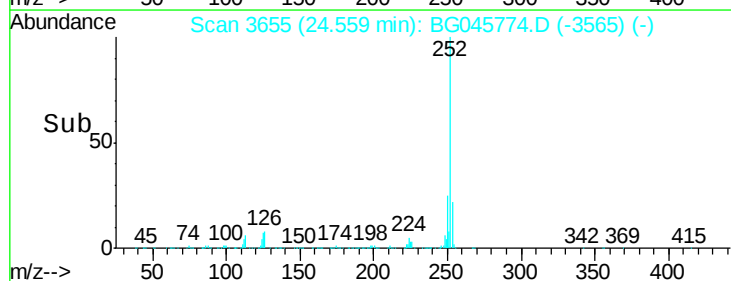
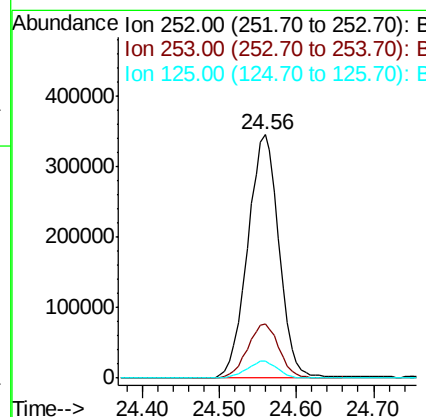
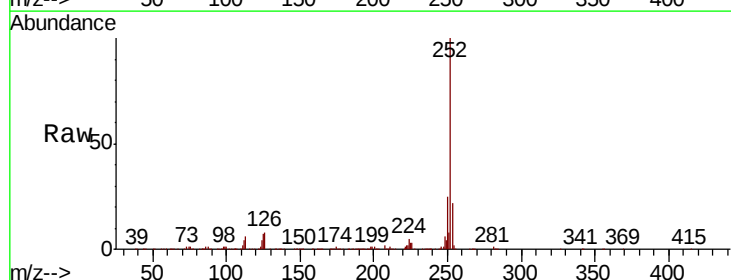
Instrument :
BNA_G
ClientSampleId :
PB129573BS

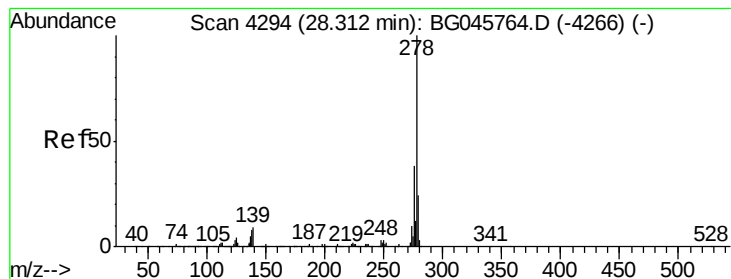
Tot Ion:252 Resp: 1024120
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 6.6 5.2 7.8



#90
Benzo(a)pyrene
Concen: 43.365 ng
RT: 24.56 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BG045774.D
Acq: 16 Jun 2020 16:01

Tgt Ion:252 Resp: 981916
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 46.018 ng

RT: 28.32 min Scan# 4295

Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129573BS

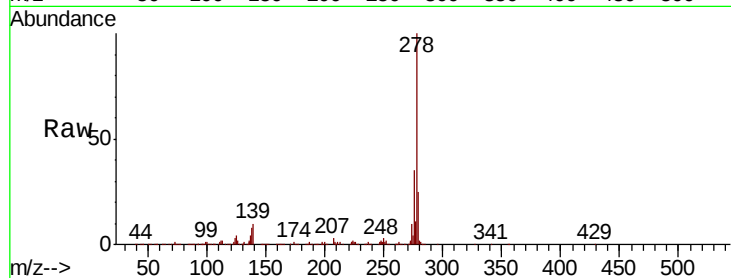
Tot Ion:278 Resp: 1034271

Ion Ratio Lower Upper

278 100

139 9.5 7.3 10.9

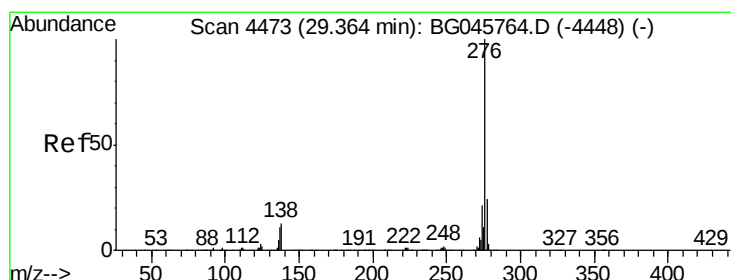
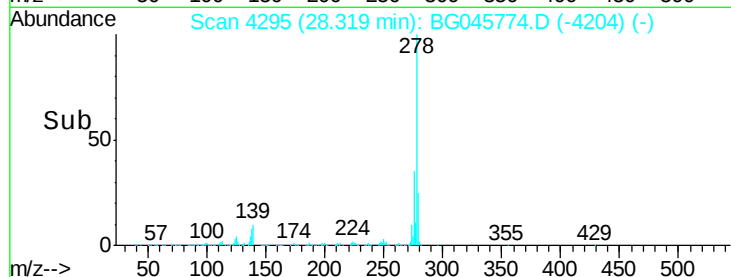
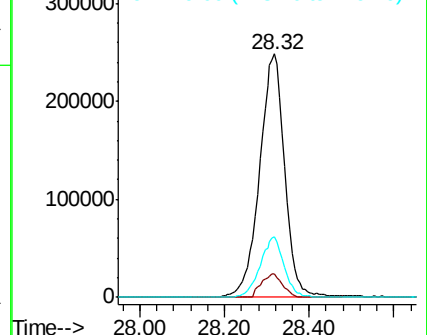
279 24.9 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.046 ng

RT: 29.36 min Scan# 4473

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

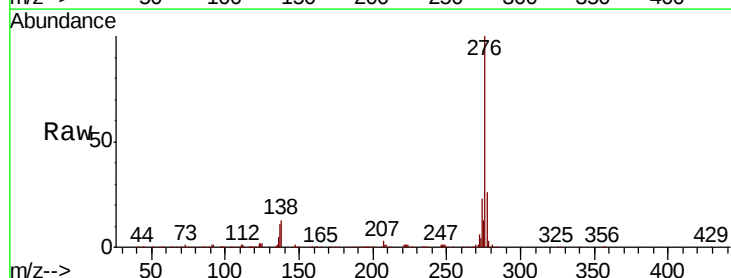
Tgt Ion:276 Resp: 1013342

Ion Ratio Lower Upper

276 100

277 26.0 19.2 28.8

138 13.3 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

