

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045725.D
 Acq On : 11 Jun 2020 17:35
 Operator : CG/JU
 Sample : PB129493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

Quant Time: Jun 11 18:38:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	46598	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	195300	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	147816	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	365070	20.00	ng	0.00
76) Chrysene-d12	21.60	240	315587	20.00	ng	0.00
87) Perylene-d12	24.74	264	350280	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	368563	154.57	ng	0.00
7) Phenol-d6	7.14	99	536749	158.16	ng	0.00
23) Nitrobenzene-d5	9.11	82	346543	96.76	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	273047	144.44	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	817584	93.82	ng	0.00
79) Terphenyl-d14	19.95	244	1449578	107.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	42691	36.106	ng	95
3) Pyridine	3.80	79	125007	37.961	ng	97
4) n-Nitrosodimethylamine	3.71	42	53259	49.425	ng	84
6) Aniline	7.27	93	194762	43.963	ng	97
8) 2-Chlorophenol	7.51	128	141876	54.259	ng	99
9) Benzaldehyde	7.08	77	102738	46.465	ng	97
10) Phenol	7.16	94	193119	55.214	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	131326	48.137	ng	97
12) 1,3-Dichlorobenzene	7.83	146	153274	48.779	ng	99
13) 1,4-Dichlorobenzene	7.98	146	153710	49.569	ng	95
14) 1,2-Dichlorobenzene	8.30	146	140436	47.087	ng	99
15) Benzyl Alcohol	8.19	79	146605	52.293	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	127934	49.402	ng	98
17) 2-Methylphenol	8.41	107	129521	49.474	ng	96
18) Hexachloroethane	9.03	117	57290	48.238	ng	86
19) n-Nitroso-di-n-propylamine	8.75	70	124362	52.992	ng	98
20) 3+4-Methylphenols	8.74	107	177963	49.919	ng	96
22) Acetophenone	8.77	105	217033	46.887	ng	96
24) Nitrobenzene	9.15	77	189218	49.313	ng	94
25) Isophorone	9.68	82	348906	49.468	ng	99
26) 2-Nitrophenol	9.86	139	82589	50.315	ng	91
27) 2,4-Dimethylphenol	9.94	122	132555	54.448	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	185482	50.145	ng	98
29) 2,4-Dichlorophenol	10.42	162	148937	51.806	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	161922	47.665	ng	98
31) Naphthalene	10.80	128	446437	49.054	ng	98
32) Benzoic acid	10.11	122	71187	44.039	ng	96
33) 4-Chloroaniline	10.92	127	133060	34.977	ng	97
34) Hexachlorobutadiene	11.09	225	109704	45.685	ng	99
35) Caprolactam	11.69	113	33076	31.345	ng	# 87
36) 4-Chloro-3-methylphenol	12.06	107	181726	56.096	ng	95
37) 2-Methylnaphthalene	12.41	142	343723	50.673	ng	96
38) 1-Methylnaphthalene	12.63	142	331519	51.738	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	190841	46.223	ng	99

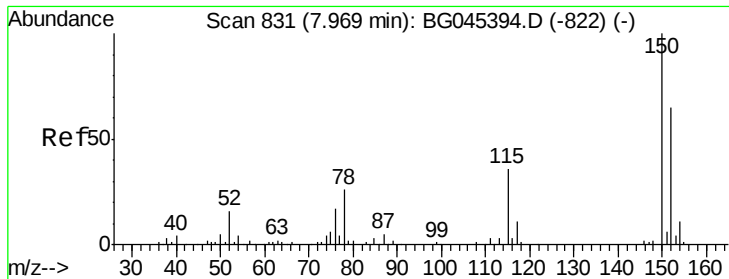
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045725.D
 Acq On : 11 Jun 2020 17:35
 Operator : CG/JU
 Sample : PB129493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

Quant Time: Jun 11 18:38:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	226793	95.170	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	138404	48.257	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	145907	44.518	ng	96
46) 1,1'-Biphenyl	13.42	154	440814	48.534	ng	99
47) 2-Chloronaphthalene	13.47	162	340411	46.155	ng	99
48) 2-Nitroaniline	13.67	65	120695	49.748	ng	95
49) Acenaphthylene	14.31	152	572141	48.295	ng	99
50) Dimethylphthalate	14.05	163	492881	48.607	ng	100
51) 2,6-Dinitrotoluene	14.16	165	113495	49.602	ng	98
52) Acenaphthene	14.65	154	342573	43.200	ng	99
53) 3-Nitroaniline	14.50	138	86841	37.335	ng	94
54) 2,4-Dinitrophenol	14.71	184	130894	86.829	ng	97
55) Dibenzofuran	14.99	168	566526	48.108	ng	98
56) 4-Nitrophenol	14.84	139	153612	87.231	ng	87
57) 2,4-Dinitrotoluene	14.96	165	161601	48.766	ng	96
58) Fluorene	15.64	166	485881	50.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	144000	49.940	ng	99
60) Diethylphthalate	15.41	149	514055	48.707	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	262549	47.424	ng	99
62) 4-Nitroaniline	15.67	138	114444	47.131	ng	96
63) Azobenzene	15.93	77	496572	50.459	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103931	48.882	ng	94
66) n-Nitrosodiphenylamine	15.85	169	436115	49.755	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	184702	46.723	ng	98
68) Hexachlorobenzene	16.66	284	200515	48.497	ng	99
69) Atrazine	16.80	200	167952	46.520	ng	96
70) Pentachlorophenol	17.00	266	195659	91.137	ng	97
71) Phenanthrene	17.38	178	782949	49.127	ng	99
72) Anthracene	17.47	178	812445	50.763	ng	98
73) Carbazole	17.75	167	738940	47.366	ng	99
74) Di-n-butylphthalate	18.30	149	897391	47.925	ng	99
75) Fluoranthene	19.39	202	972325	47.966	ng	99
77) Benzidine	19.57	184	540382	60.968	ng	98
78) Pyrene	19.75	202	955991	53.141	ng	99
80) Butylbenzylphthalate	20.64	149	375242	48.325	ng	94
81) Benzo(a)anthracene	21.58	228	866548	49.291	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	277657	40.263	ng	99
83) Chrysene	21.64	228	836922	49.510	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	519300	48.651	ng	99
85) Di-n-octyl phthalate	22.67	149	881831	48.101	ng	99
86) Indeno(1,2,3-cd)pyrene	28.30	276	1085792	49.119	ng	# 95
88) Benzo(b)fluoranthene	23.75	252	903765	48.109	ng	99
89) Benzo(k)fluoranthene	23.81	252	932274	52.823	ng	99
90) Benzo(a)pyrene	24.59	252	853212	48.767	ng	98
91) Dibenzo(a,h)anthracene	28.36	278	888582	50.540	ng	98
92) Benzo(g,h,i)perylene	29.42	276	883578	50.249	ng	98

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

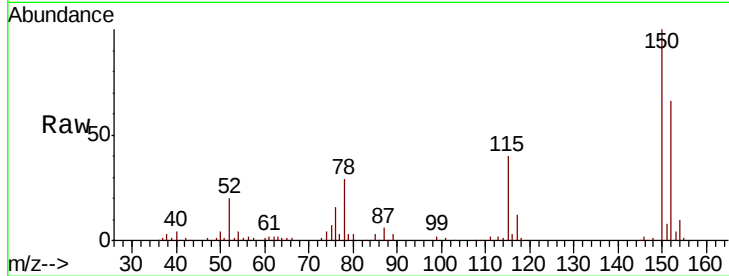


#1

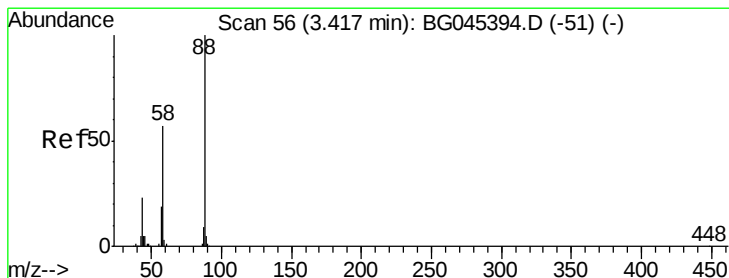
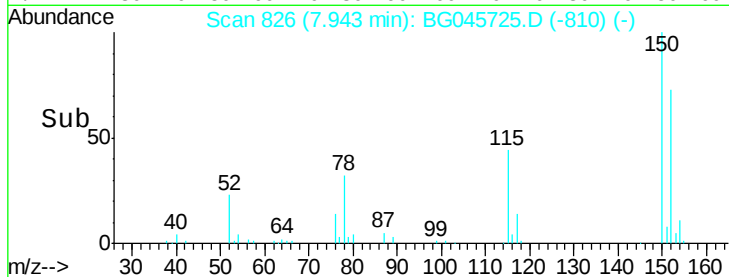
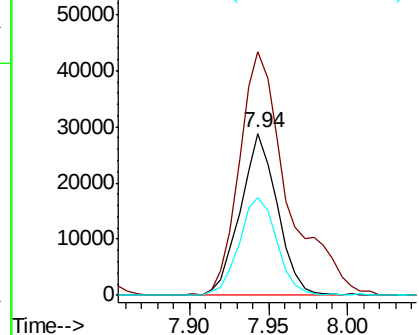
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:152 Resp: 46598
Ion Ratio Lower Upper
152 100
150 150.5 122.4 183.6
115 60.6 44.2 66.4



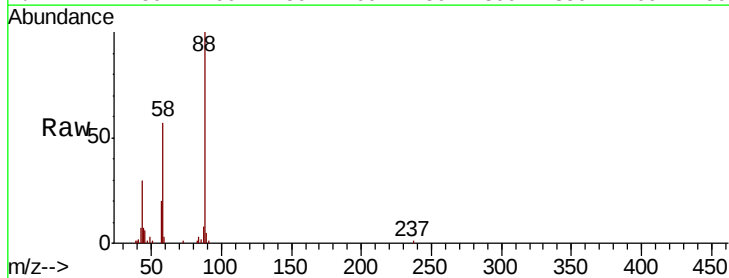
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



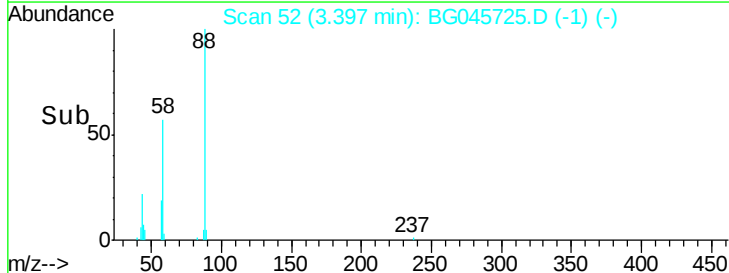
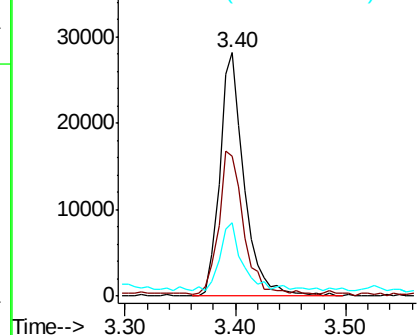
#2

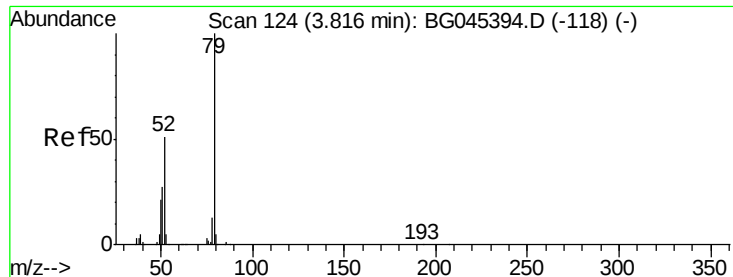
1,4-Dioxane
Concen: 36.106 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion: 88 Resp: 42691
Ion Ratio Lower Upper
88 100
58 60.3 45.7 68.5
43 25.0 16.8 25.2



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





#3

Pvridine

Concen: 37.961 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

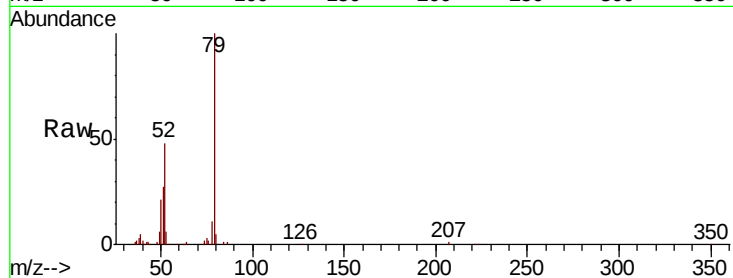
Tot Ion: 79 Resp: 125007

Ion Ratio Lower Upper

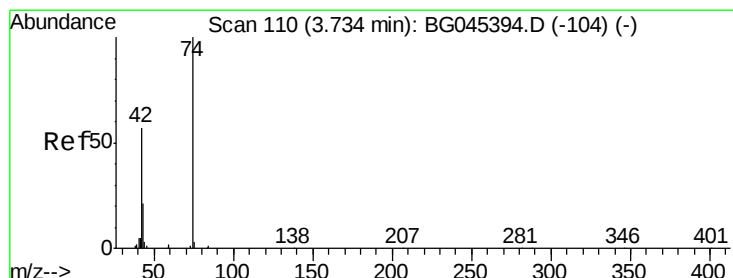
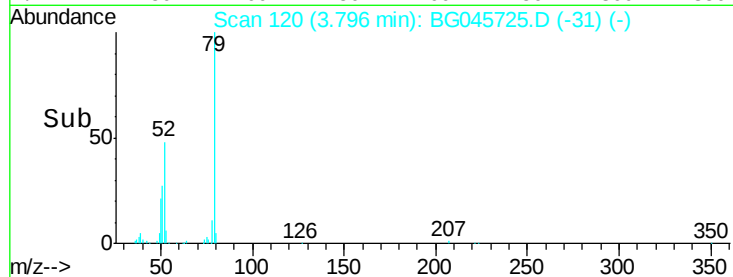
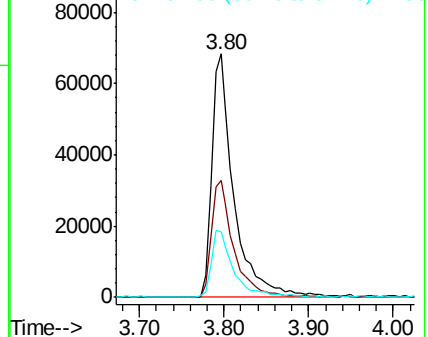
79 100

52 48.2 40.8 61.2

51 27.0 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 49.425 ng

RT: 3.71 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

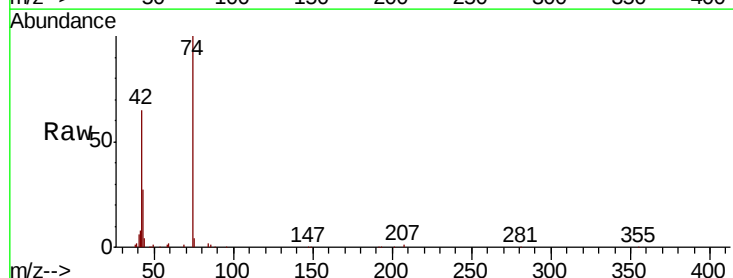
Tgt Ion: 42 Resp: 53259

Ion Ratio Lower Upper

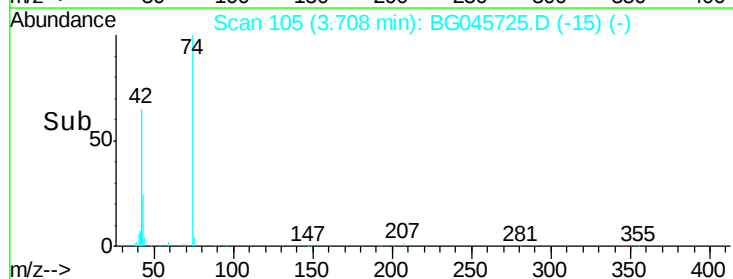
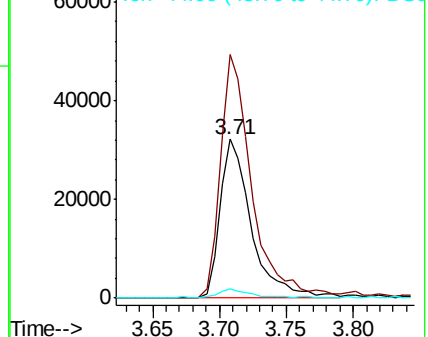
42 100

74 153.3 141.3 211.9

44 6.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 154.573 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

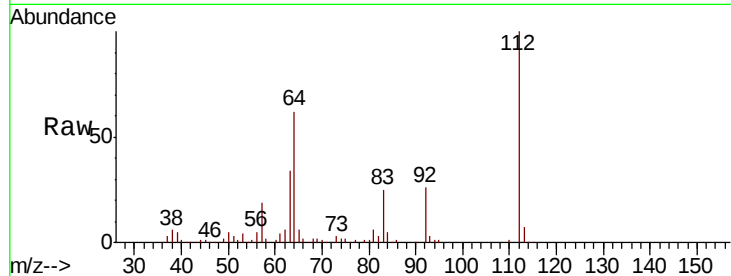
Tot Ion:112 Resp: 368563

Ion Ratio Lower Upper

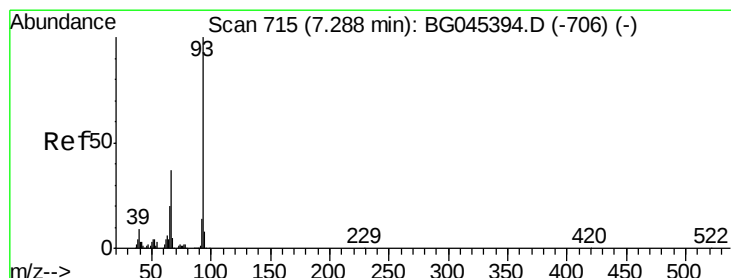
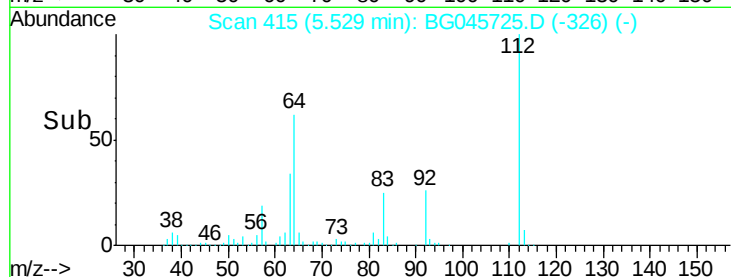
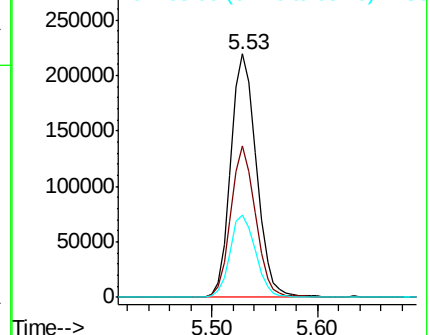
112 100

64 62.4 48.6 72.8

63 34.0 26.5 39.7



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



#6

Aniline

Concen: 43.963 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

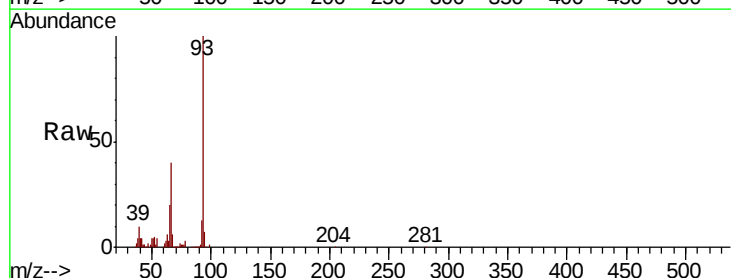
Tgt Ion: 93 Resp: 194762

Ion Ratio Lower Upper

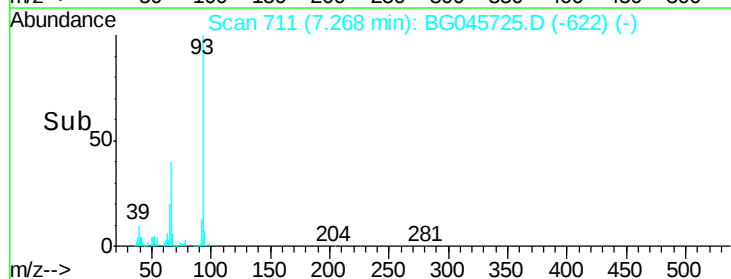
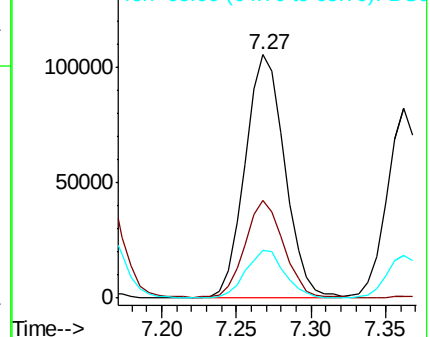
93 100

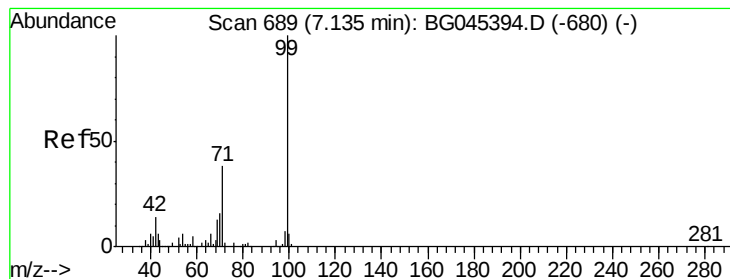
66 40.0 29.6 44.4

65 19.7 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.161 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

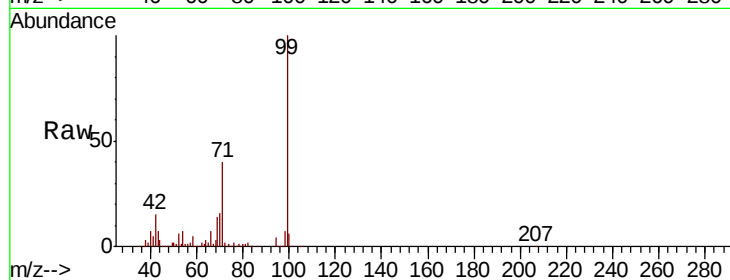
Tot Ion: 99 Resp: 536749

Ion Ratio Lower Upper

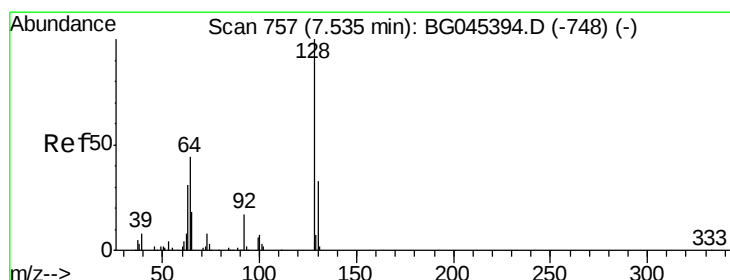
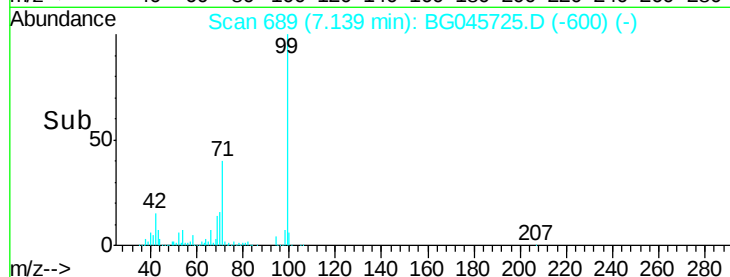
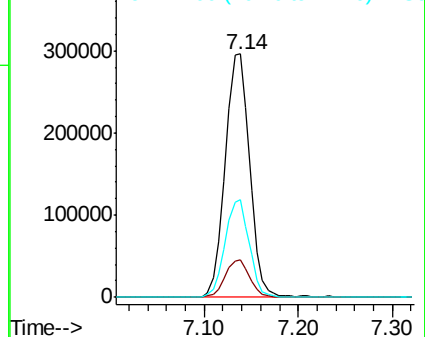
99 100

42 15.3 11.3 16.9

71 40.2 30.8 46.2



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



#8

2-Chlorophenol

Concen: 54.259 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

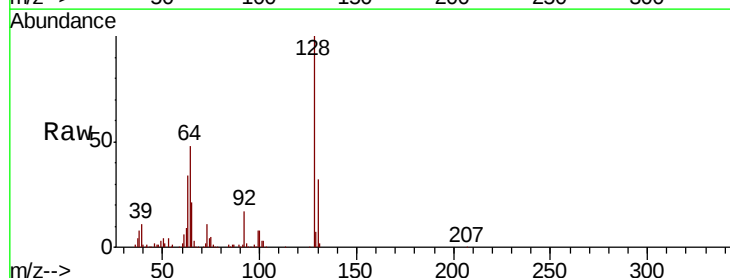
Tgt Ion:128 Resp: 141876

Ion Ratio Lower Upper

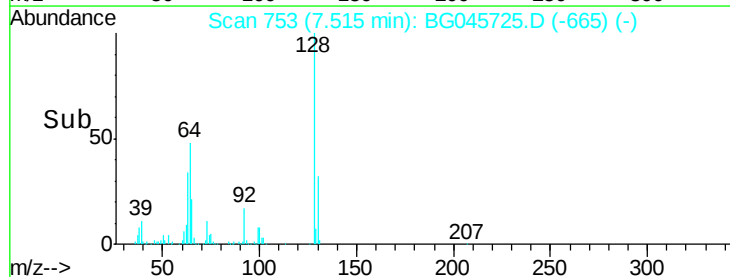
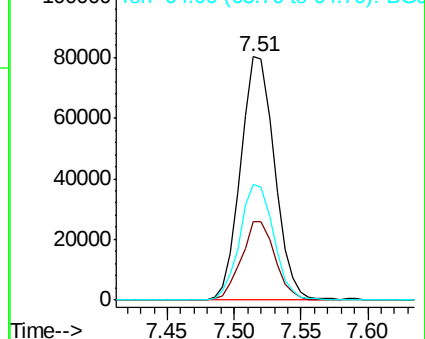
128 100

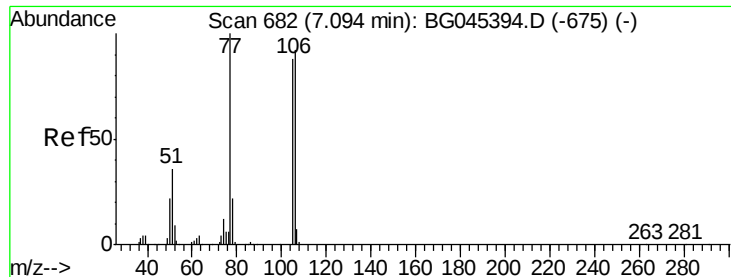
130 32.1 12.6 52.6

64 47.8 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 46.465 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

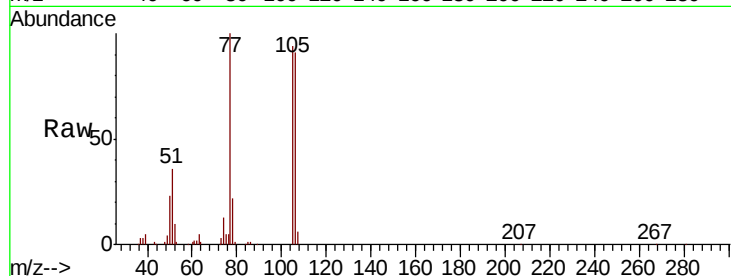
Tot Ion: 77 Resp: 102738

Ion Ratio Lower Upper

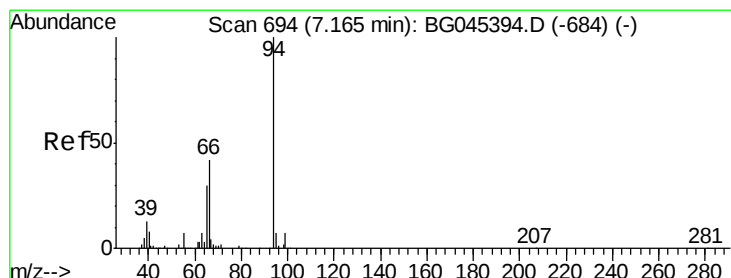
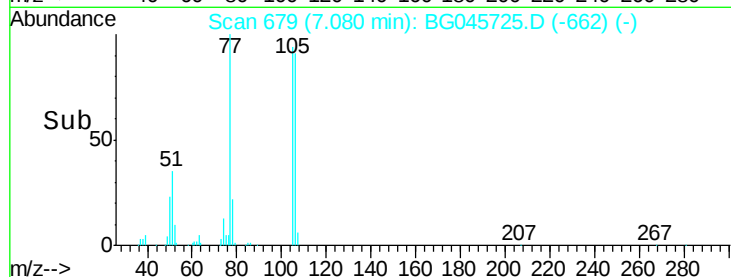
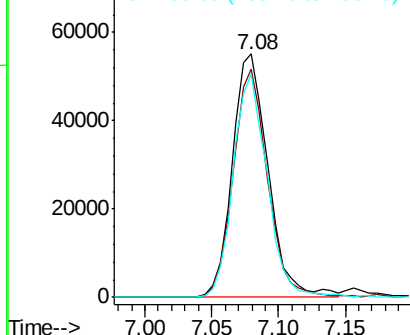
77 100

105 93.6 68.5 108.5

106 91.5 71.6 111.6



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



#10

Phenol

Concen: 55.214 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

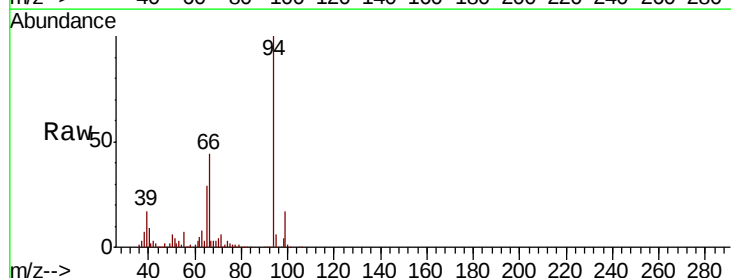
Tgt Ion: 94 Resp: 193119

Ion Ratio Lower Upper

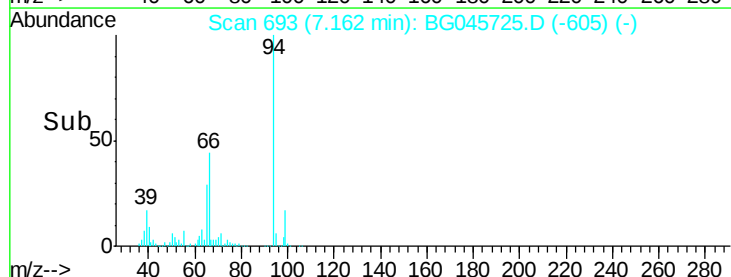
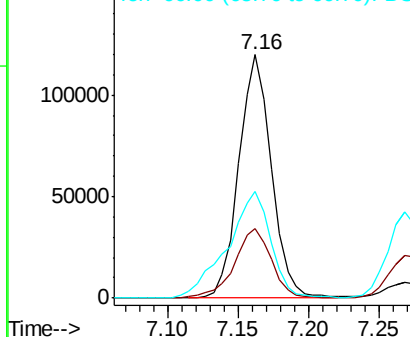
94 100

65 28.6 9.8 49.8

66 43.6 22.0 62.0



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

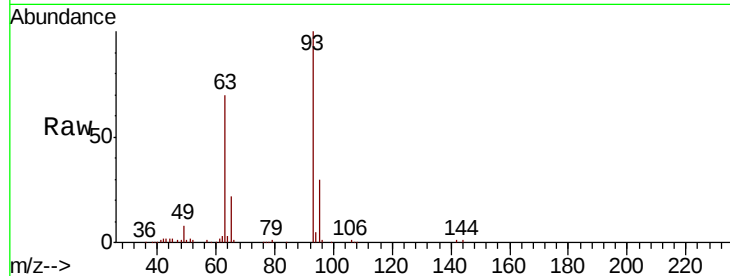




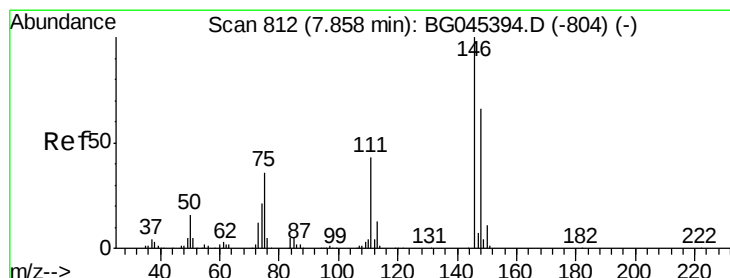
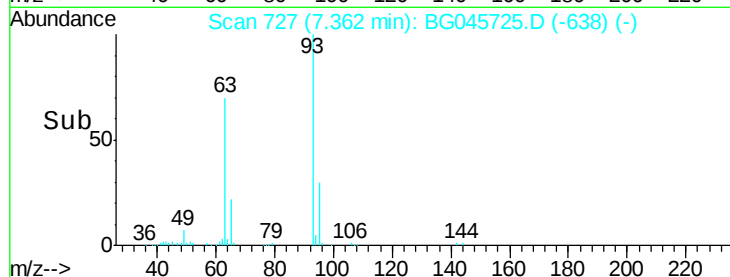
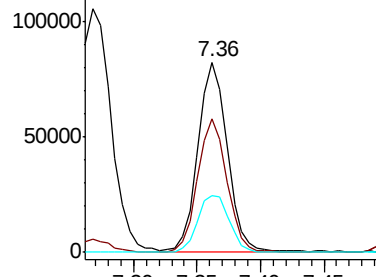
#11
bis(2-Chloroethyl)ether
Concen: 48.137 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampled :
PB129493BS

Tot Ion	93	Resp	131326
Ion	Ratio	Lower	Upper
93	100		
63	70.5	48.4	88.4
95	30.1	12.4	52.4

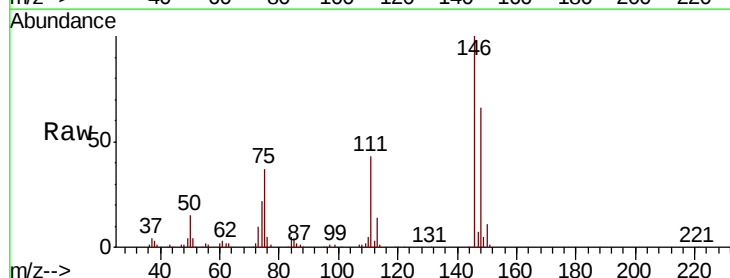


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

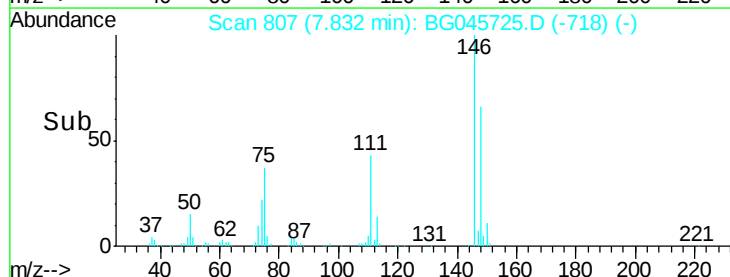
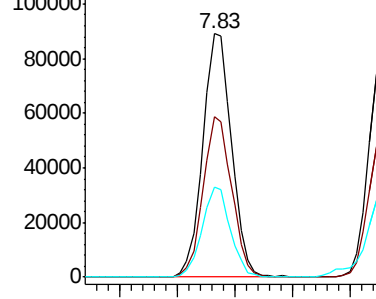


#12
1,3-Dichlorobenzene
Concen: 48.779 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion	146	Resp	153274
Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.2	79.8
75	36.9	28.6	43.0



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

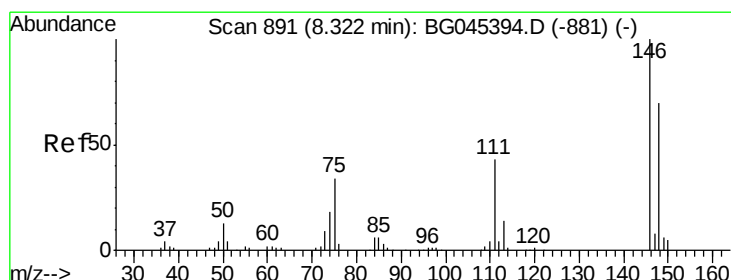
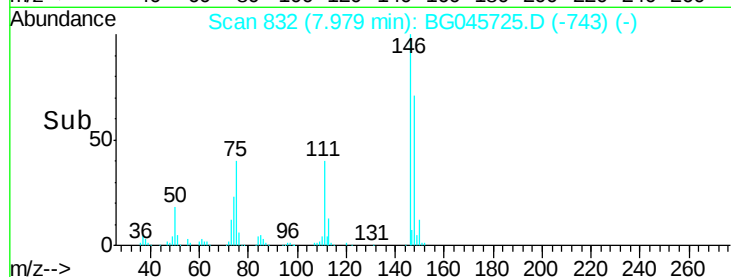
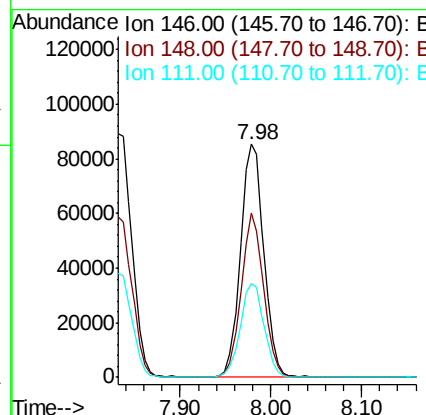
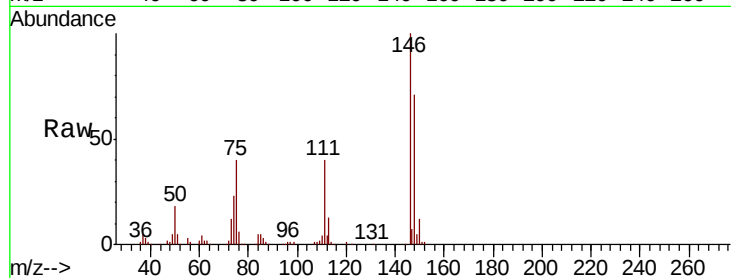




#13
 1,4-Dichlorobenzene
 Concen: 49.569 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

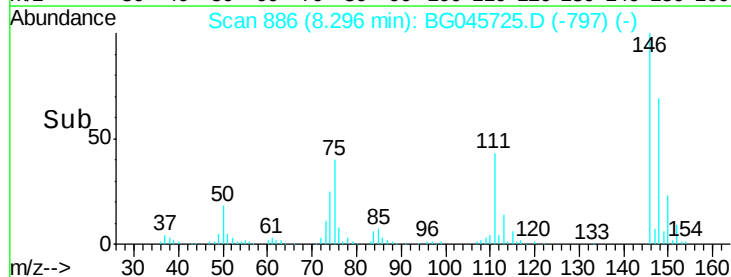
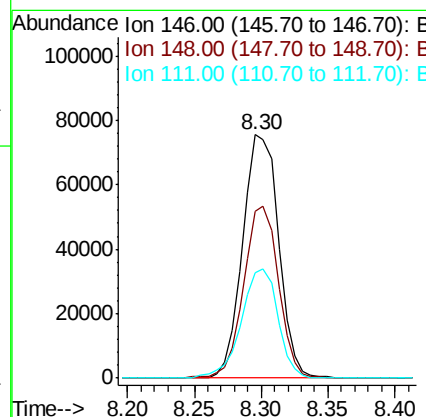
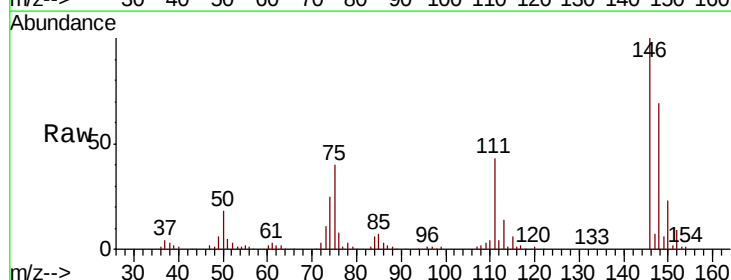
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

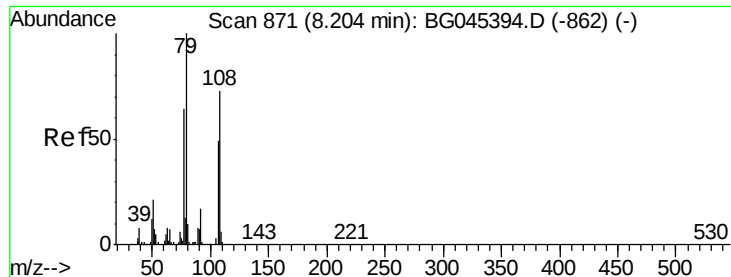
Tot Ion	Ratio	Lower	Upper
146	100		
148	70.7	51.8	77.8
111	40.4	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 47.087 ng
 RT: 8.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	55.9	83.9
111	43.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 52.293 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleID :

PB129493BS

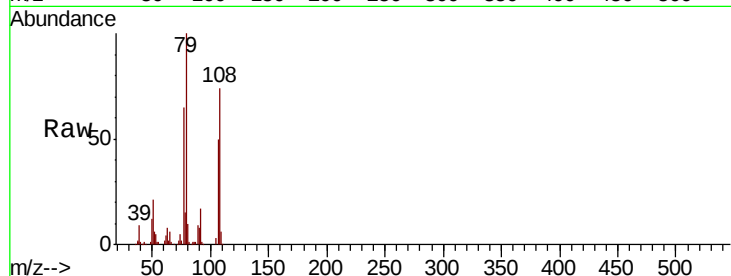
Tot Ion: 79 Resp: 146605

Ion Ratio Lower Upper

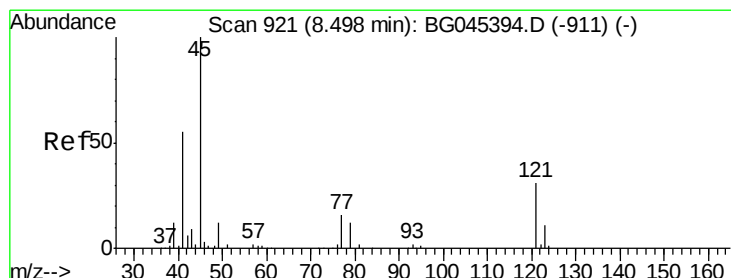
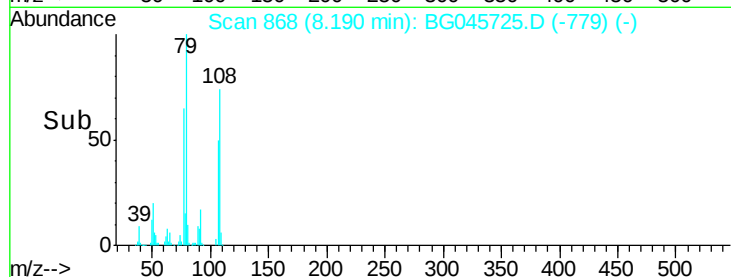
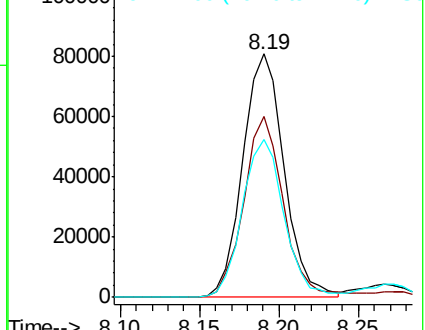
79 100

108 74.4 58.2 87.4

77 65.1 51.0 76.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.402 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

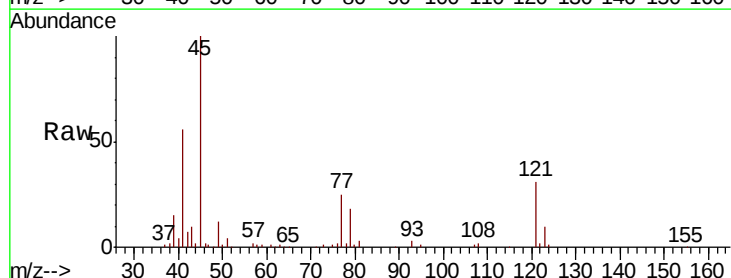
Tgt Ion: 45 Resp: 127934

Ion Ratio Lower Upper

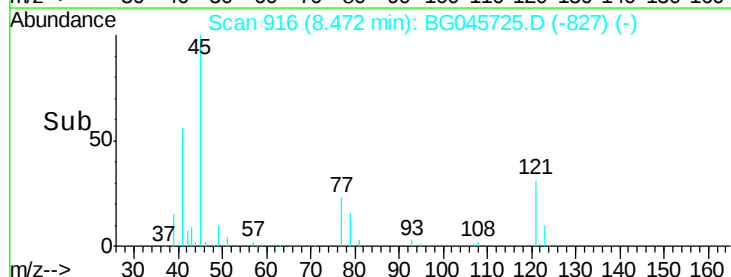
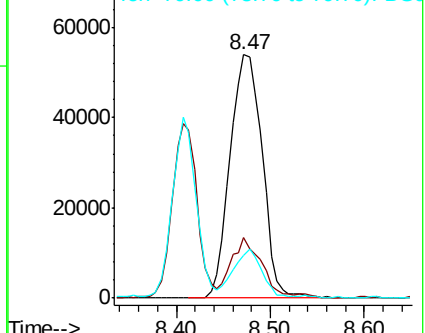
45 100

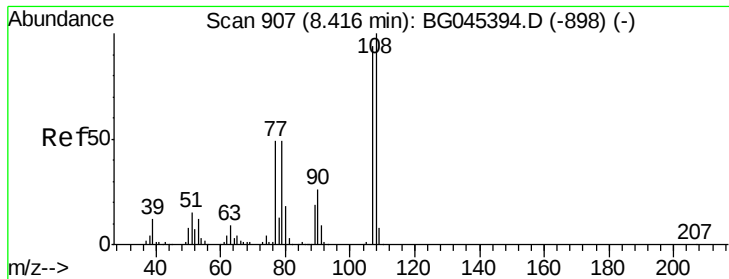
77 25.1 4.0 44.0

79 17.6 0.0 38.6



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

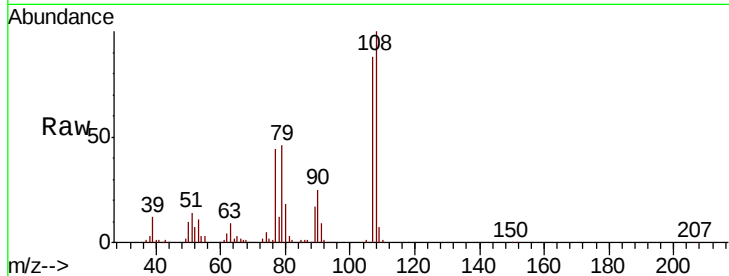




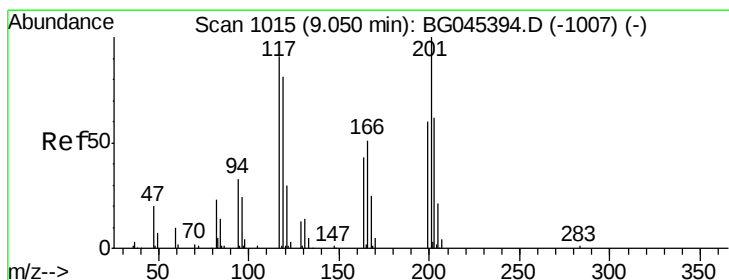
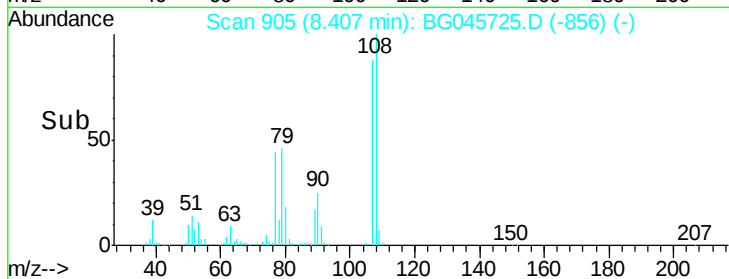
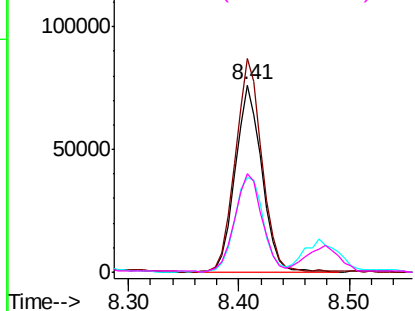
#17
2-Methylphenol
Concen: 49.474 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:	107	Resp:	129521
Ion	Ratio	Lower	Upper
107	100		
108	114.1	85.2	127.8
77	50.7	41.6	62.4
79	52.5	41.8	62.8

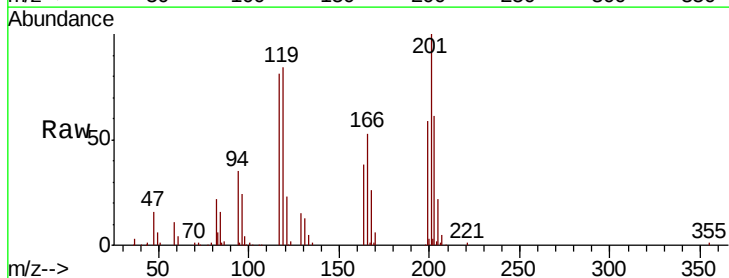


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

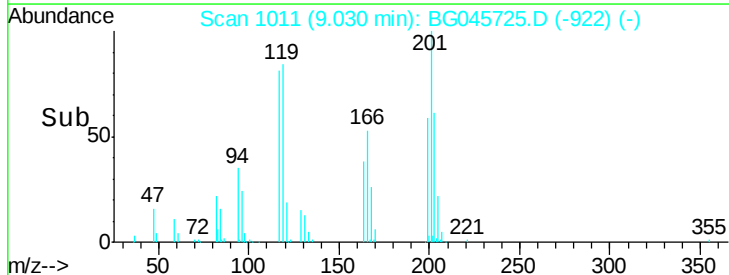
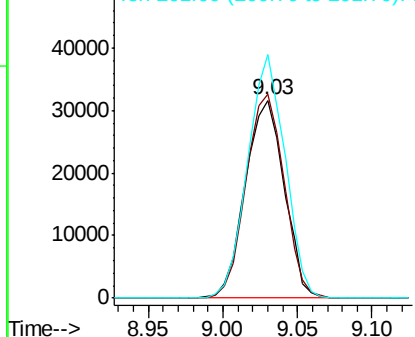


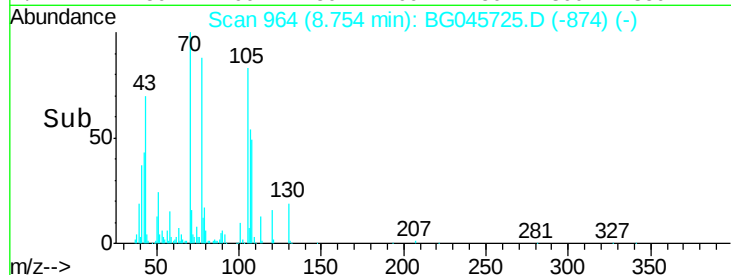
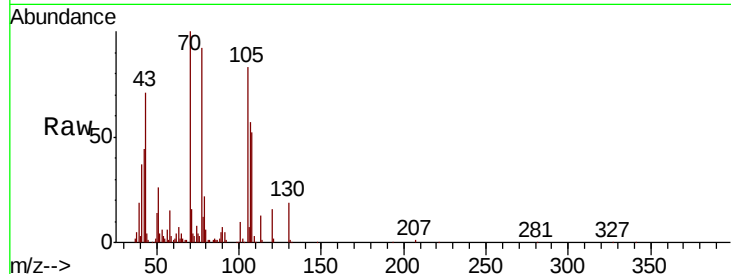
#18
Hexachloroethane
Concen: 48.238 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:	117	Resp:	57290
Ion	Ratio	Lower	Upper
117	100		
119	102.9	71.3	106.9
201	123.1	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

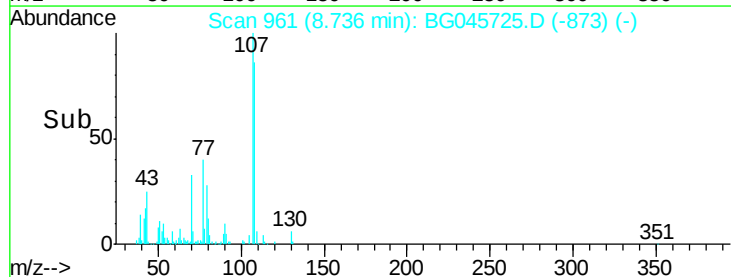
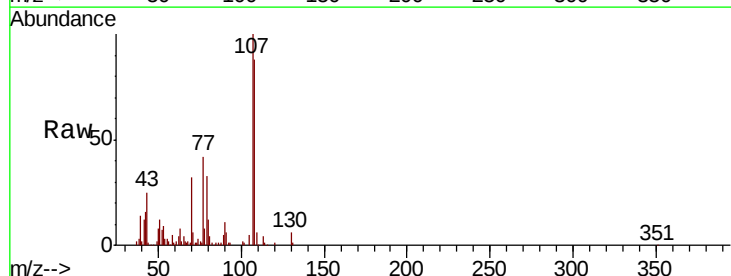
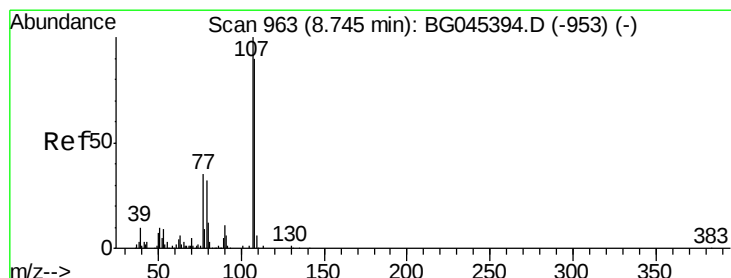
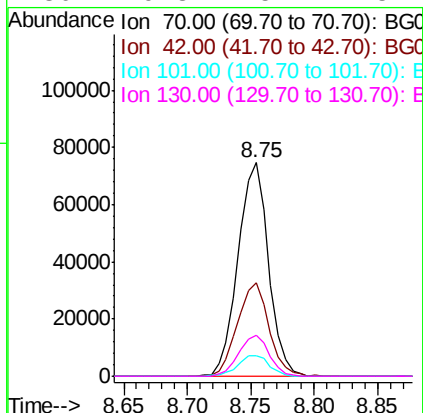




#19
n-Nitroso-di-n-propylamine
Concen: 52.992 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

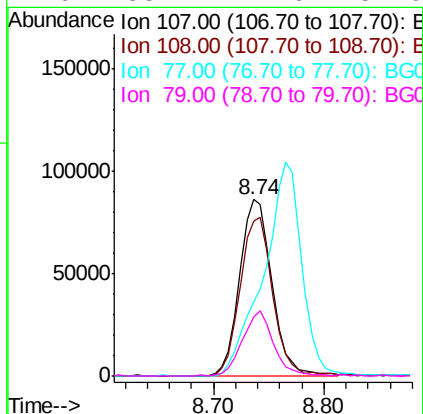
Instrument :
BNA_G
ClientSampleId :
PB129493BS

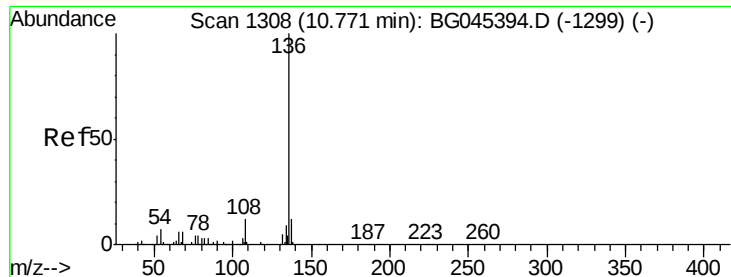
Tot Ion:	70	Resp:	124362
Ion	Ratio	Lower	Upper
70	100		
42	43.6	33.2	49.8
101	9.7	7.8	11.6
130	19.3	15.4	23.2



#20
3+4-Methylphenols
Concen: 49.919 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:	107	Resp:	177963
Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.3	110.3
77	41.9	15.4	55.4
79	33.2	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

Tot Ion:136 Resp: 195300

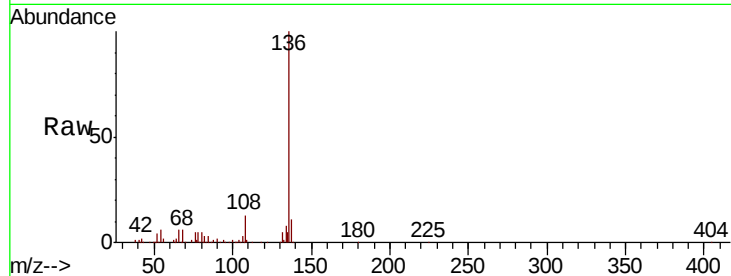
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 5.6 5.8 8.6#

68 5.7 4.5 6.7

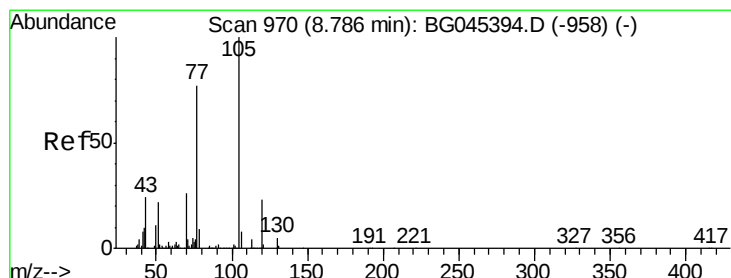
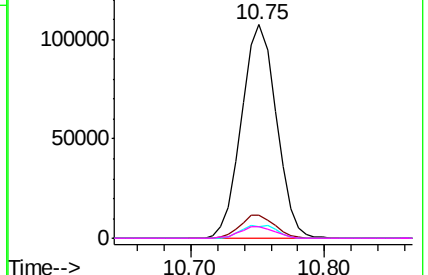
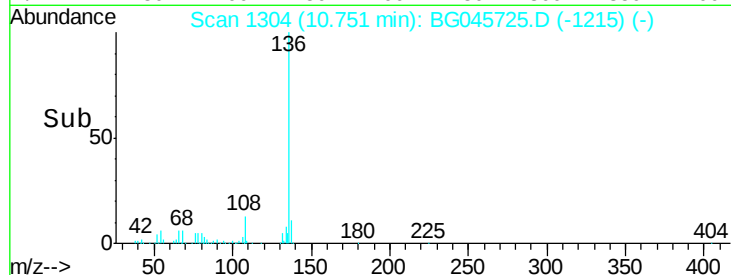


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.887 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Tgt Ion:105 Resp: 217033

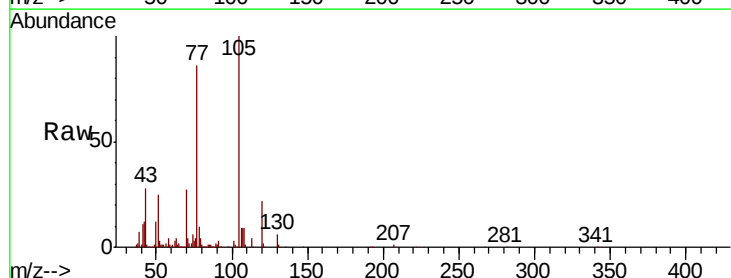
Ion Ratio Lower Upper

105 100

71 4.4 3.4 5.0

51 25.2 18.2 27.2

120 21.8 18.6 27.8

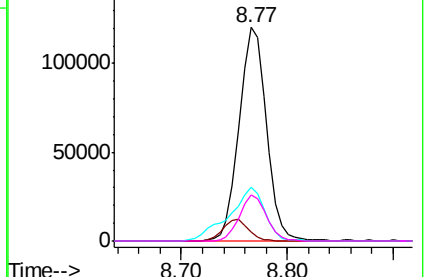
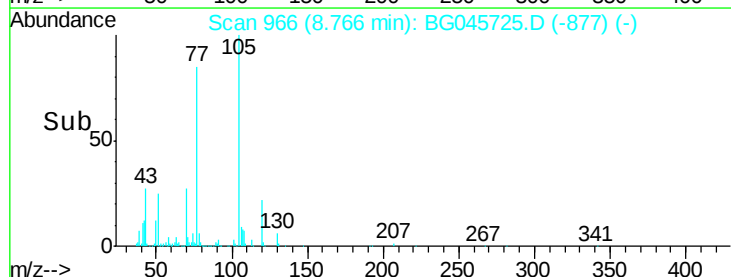


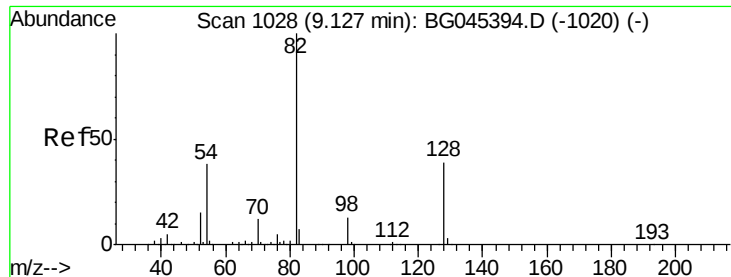
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

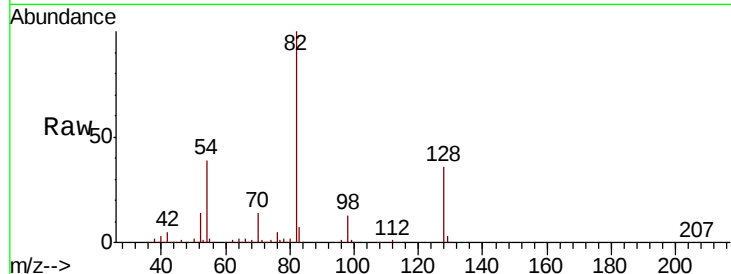




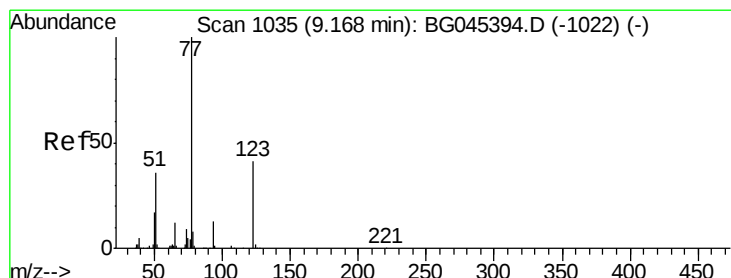
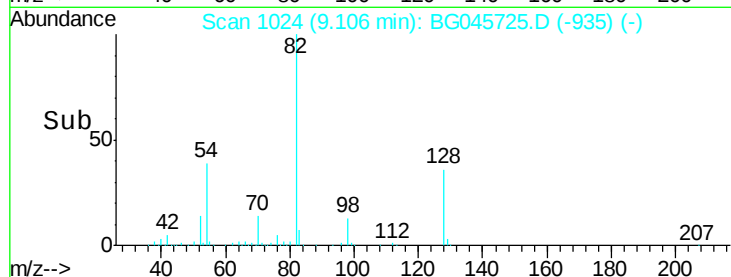
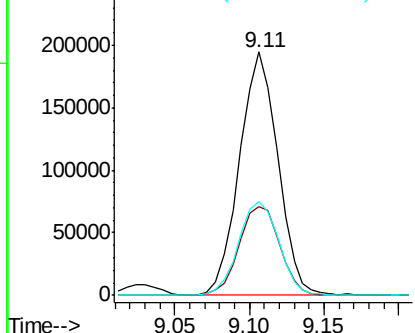
#23
 Nitrobenzene-d5
 Concen: 96.762 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

Tot Ion	82	Resp	346543
Ion Ratio	Lower	Upper	
82	100		
128	36.4	30.9	46.3
54	38.7	30.3	45.5

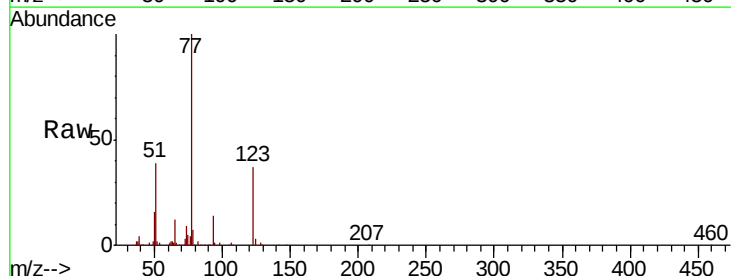


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

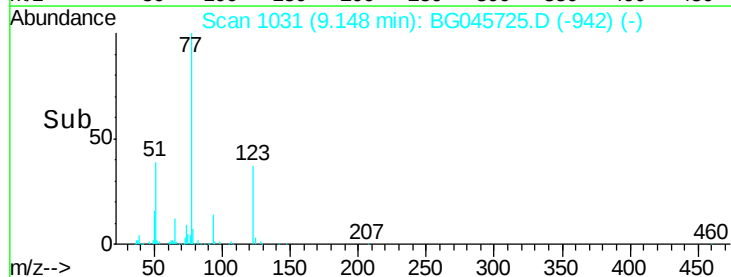
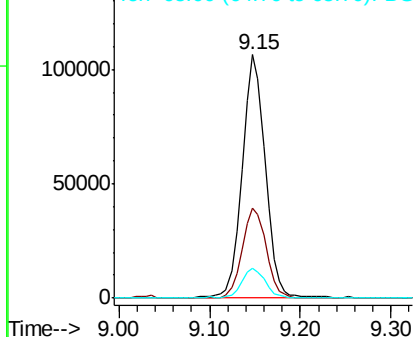


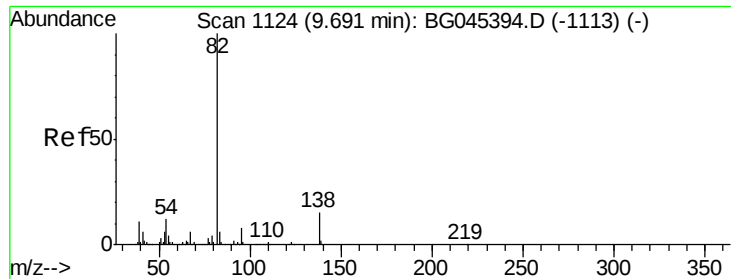
#24
 Nitrobenzene
 Concen: 49.313 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion	77	Resp	189218
Ion Ratio	Lower	Upper	
77	100		
123	36.9	32.9	49.3
65	12.4	9.4	14.2



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





#25

Isophorone

Concen: 49.468 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

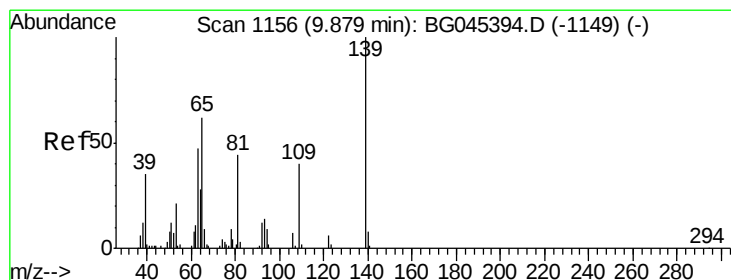
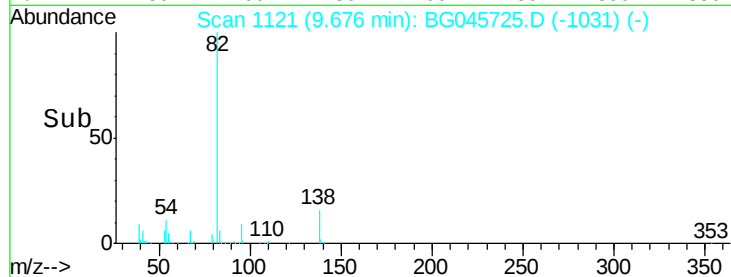
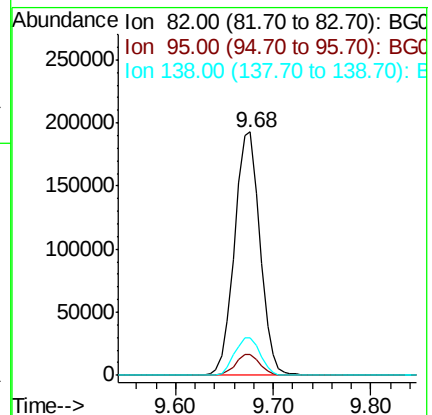
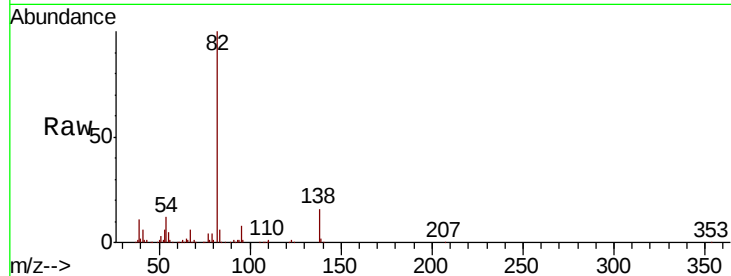
Tot Ion: 82 Resp: 348906

Ion Ratio Lower Upper

82 100

95 8.5 6.7 10.1

138 15.6 12.2 18.4



#26

2-Nitrophenol

Concen: 50.315 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

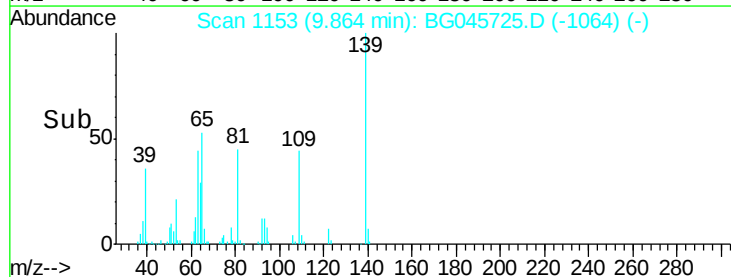
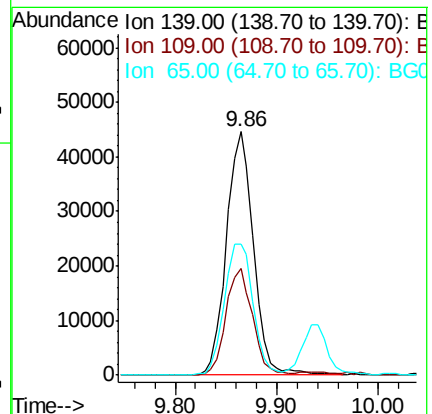
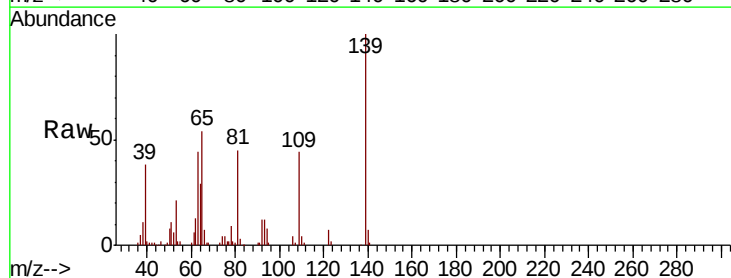
Tgt Ion: 139 Resp: 82589

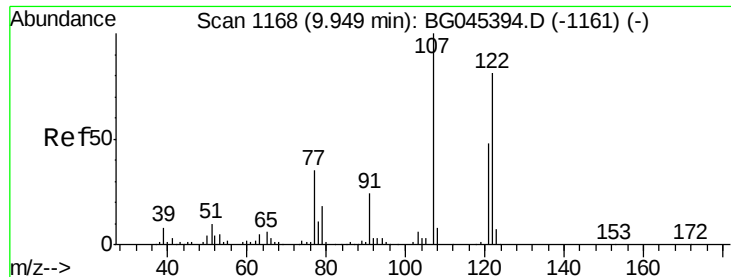
Ion Ratio Lower Upper

139 100

109 43.7 32.2 48.4

65 53.6 49.6 74.4

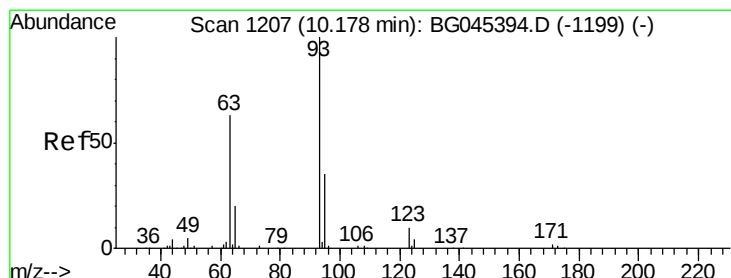
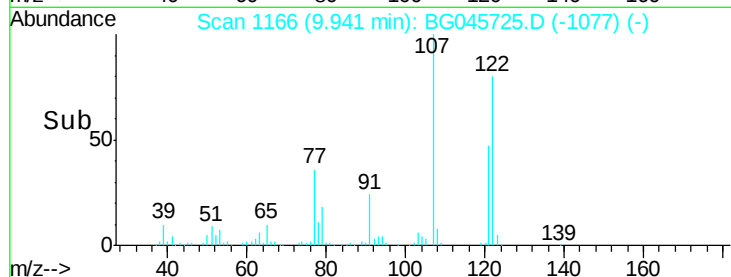
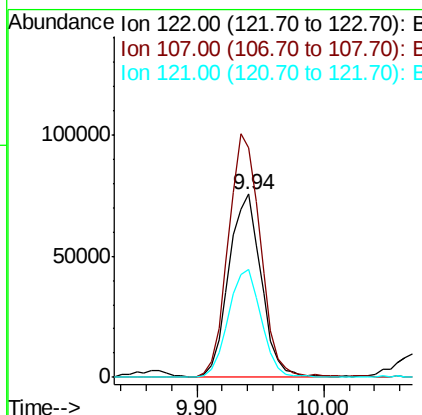
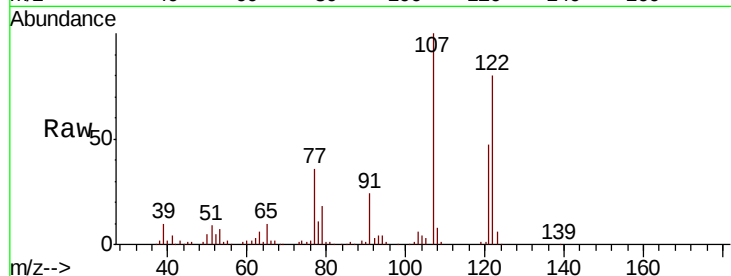




#27
 2,4-Dimethylphenol
 Concen: 54.448 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

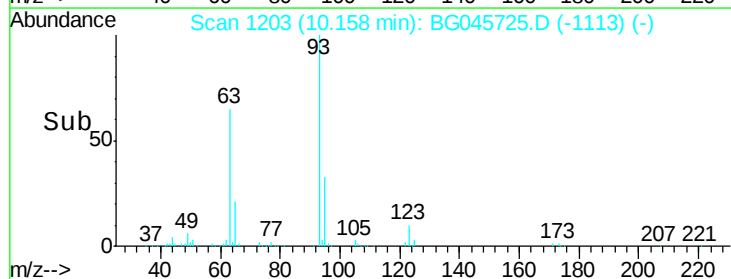
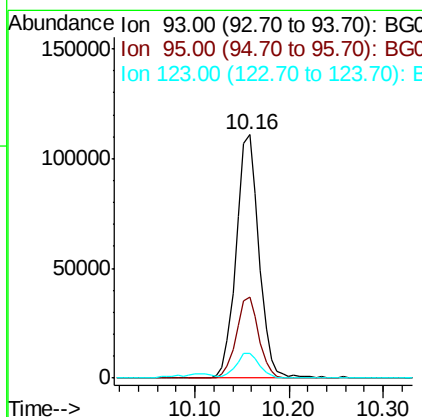
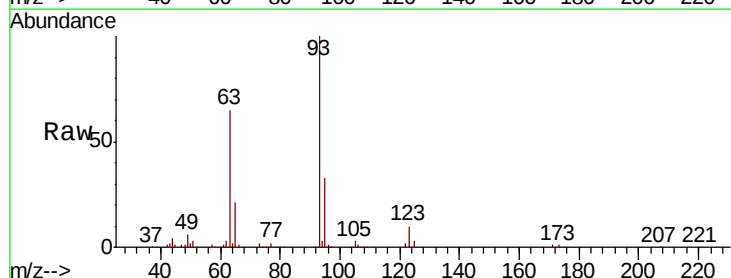
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.0	99.0	148.4
121	58.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.145 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.6	41.4
123	10.0	8.1	12.1

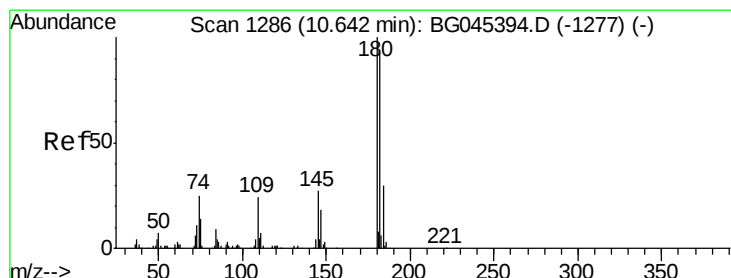
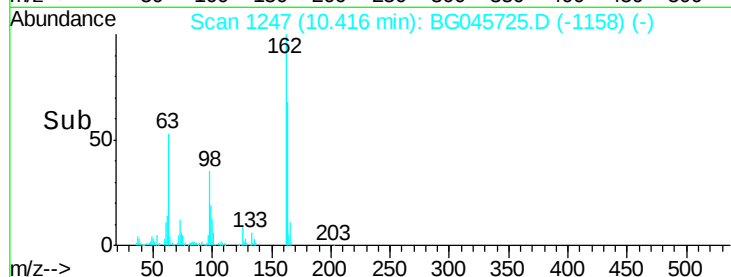
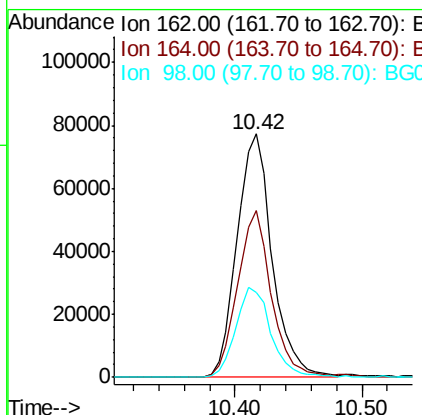
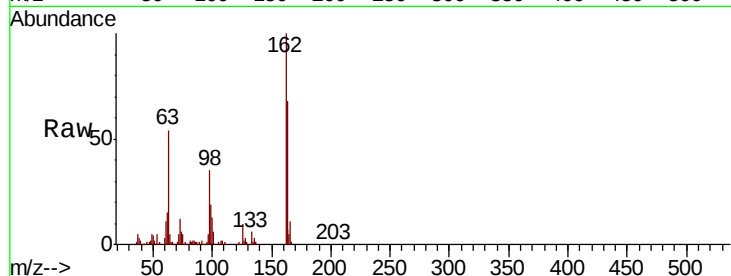




#29
 2,4-Dichlorophenol
 Concen: 51.806 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

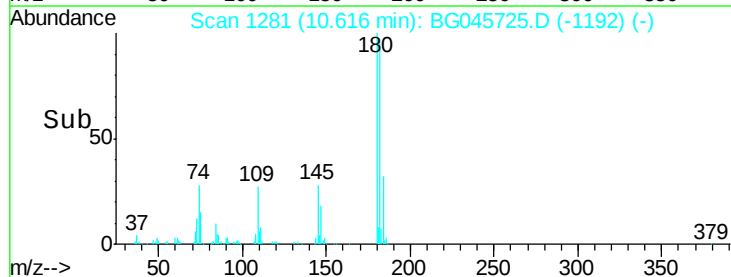
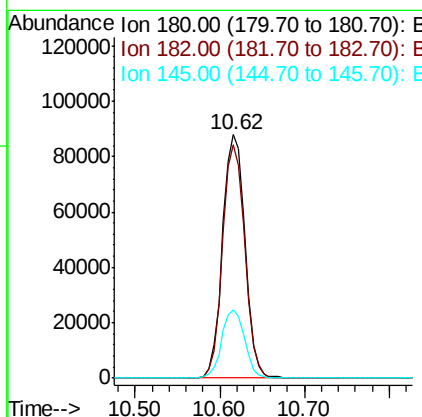
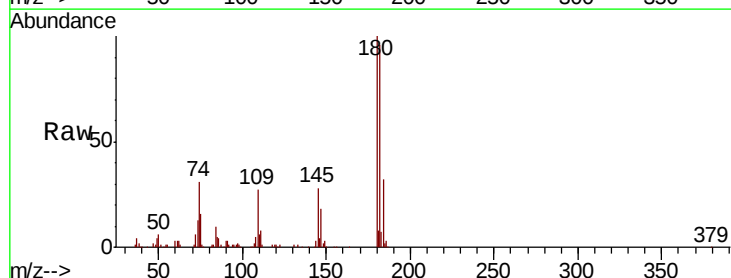
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

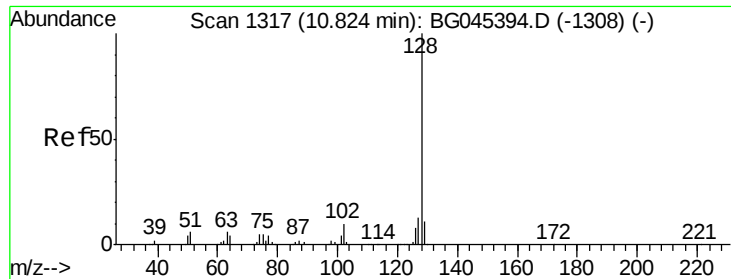
Tot Ion	162	Resp	148937
Ion Ratio	Lower	Upper	
162	100		
164	68.4	46.8	86.8
98	34.9	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.665 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion	180	Resp	161922
Ion Ratio	Lower	Upper	
180	100		
182	95.8	74.8	112.2
145	27.8	21.9	32.9

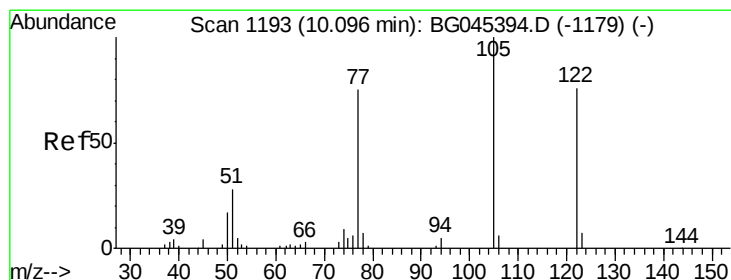
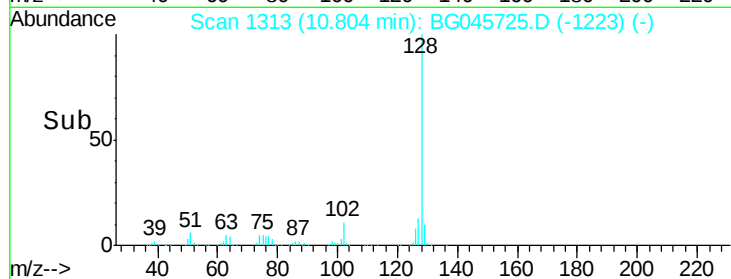
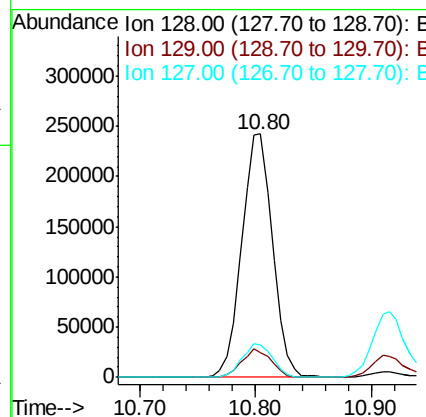
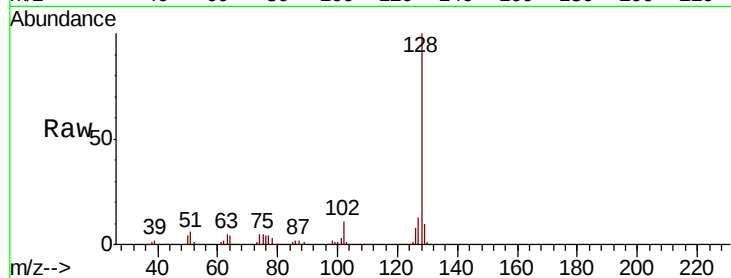




#31
Naphthalene
Concen: 49.054 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

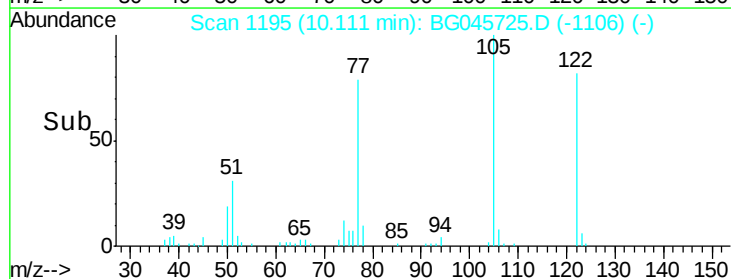
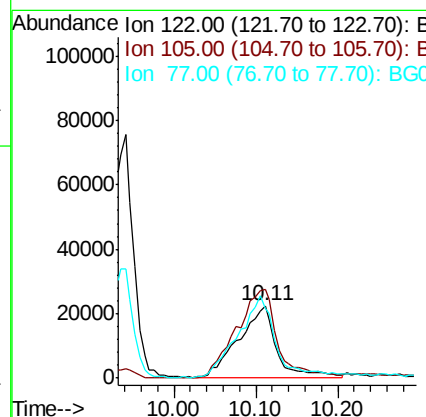
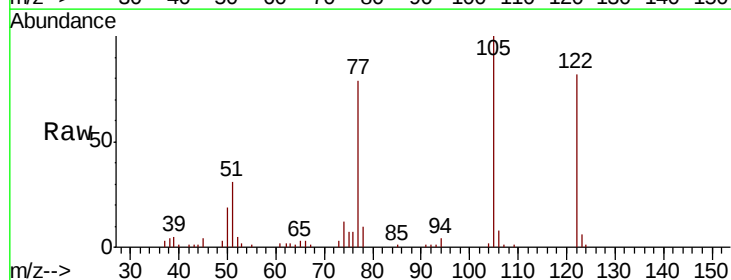
Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:128 Resp: 446437
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 44.039 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:122 Resp: 71187
Ion Ratio Lower Upper
122 100
105 122.4 107.9 147.9
77 96.4 78.9 118.9

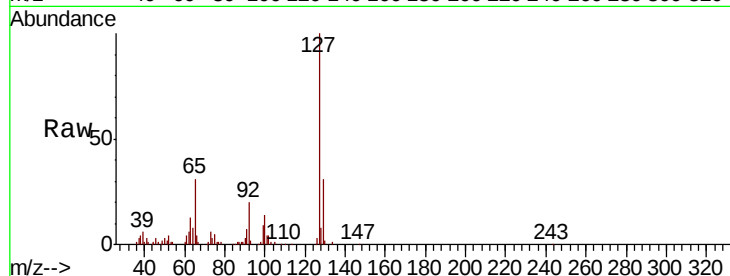




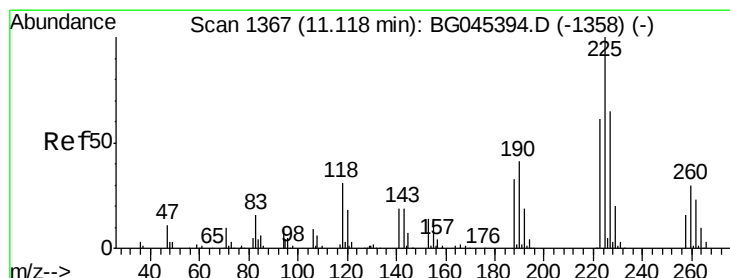
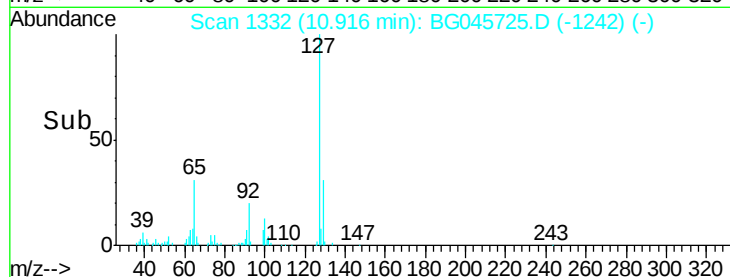
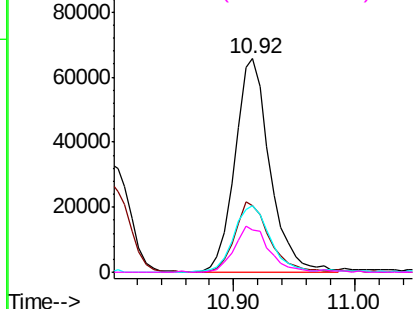
#33
4-Chloroaniline
Concen: 34.977 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:127	Resp:	133060
Ion	Ratio	Lower Upper
127	100	
129	31.4	24.7 37.1
65	31.0	26.2 39.2
92	19.8	17.9 26.9

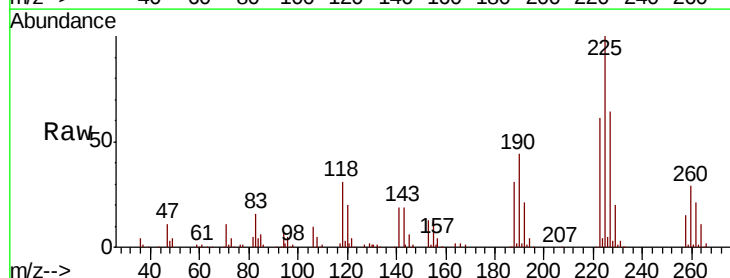


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

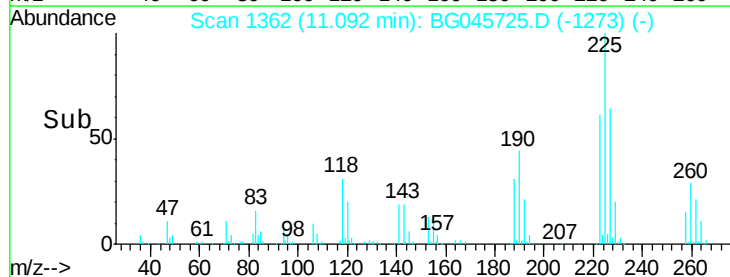
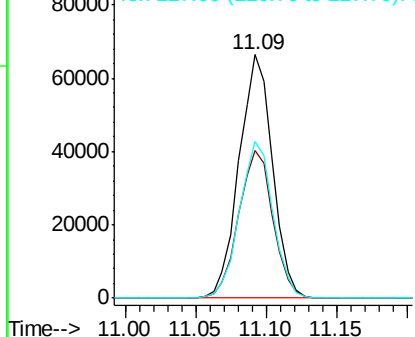


#34
Hexachlorobutadiene
Concen: 45.685 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:225	Resp:	109704
Ion	Ratio	Lower Upper
225	100	
223	60.8	49.1 73.7
227	64.1	52.0 78.0



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

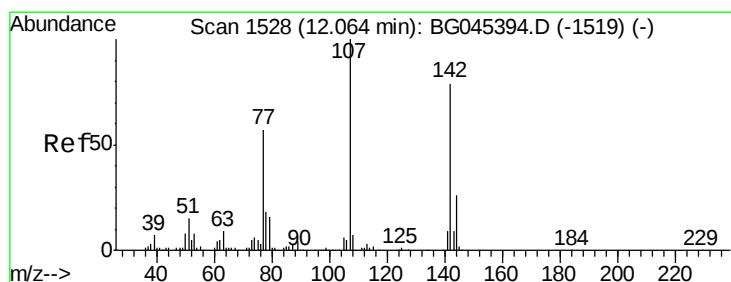
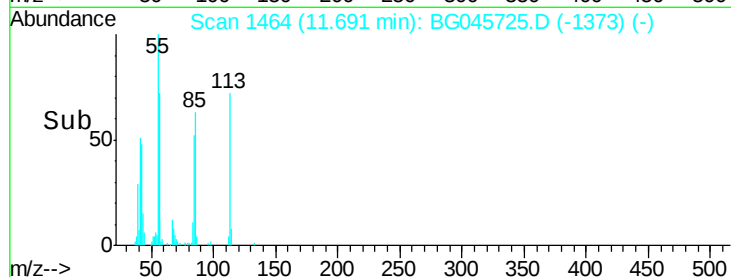
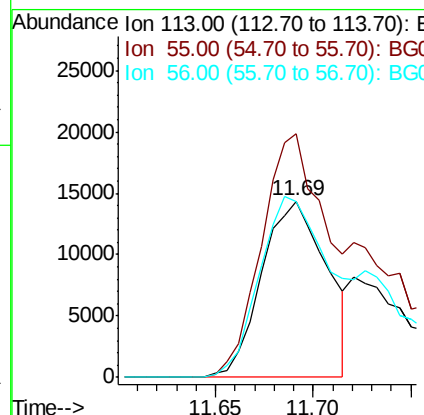
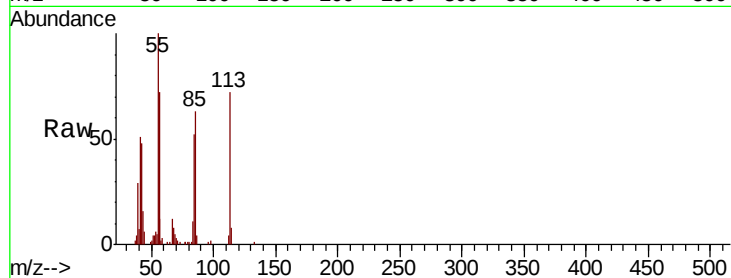




#35
Caprolactam
Concen: 31.345 ng
RT: 11.69 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

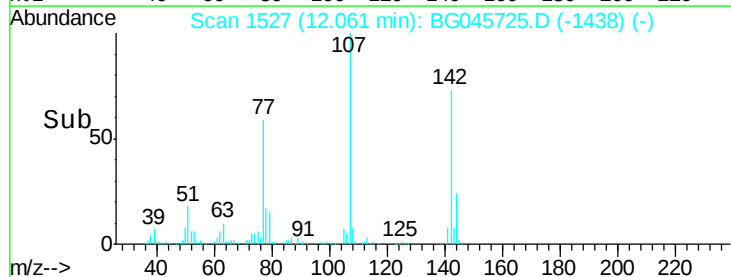
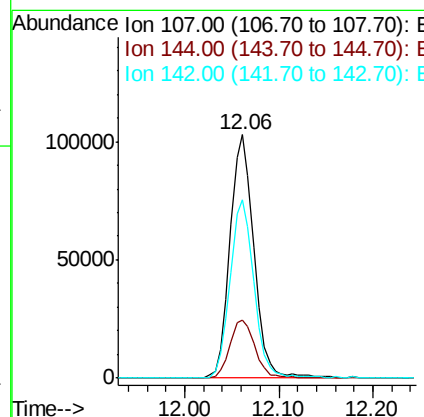
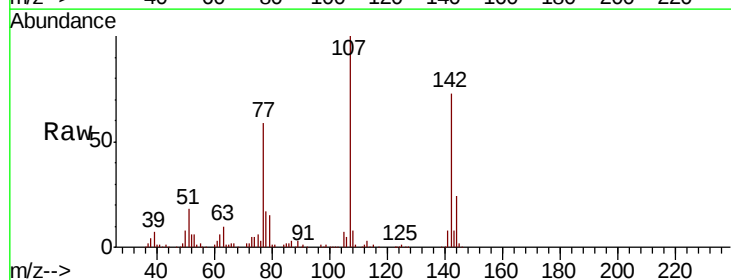
Instrument :
BNA_G
ClientSampleId :
PB129493BS

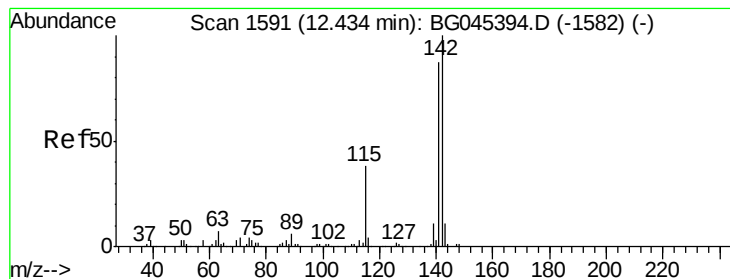
Tot Ion:113 Resp: 33076
Ion Ratio Lower Upper
113 100
55 138.0 96.0 136.0#
56 99.3 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 56.096 ng
RT: 12.06 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:107 Resp: 181726
Ion Ratio Lower Upper
107 100
144 23.8 20.8 31.2
142 73.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 50.673 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

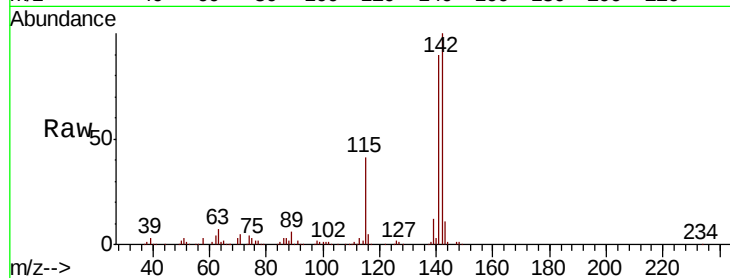
Tot Ion:142 Resp: 343723

Ion Ratio Lower Upper

142 100

141 90.4 70.0 105.0

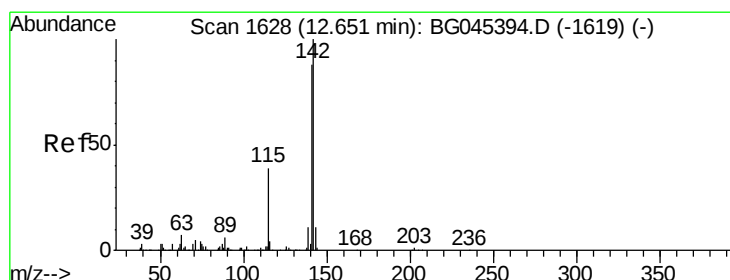
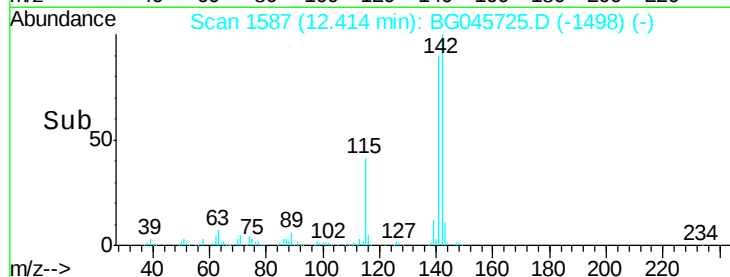
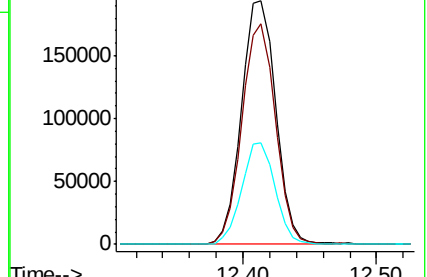
115 41.5 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.738 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

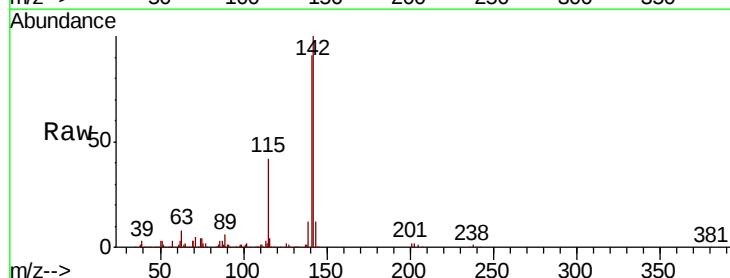
Tgt Ion:142 Resp: 331519

Ion Ratio Lower Upper

142 100

141 91.3 70.8 106.2

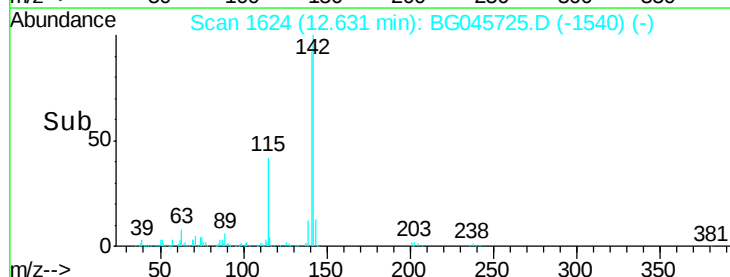
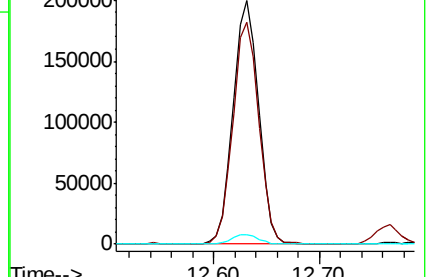
116 4.0 3.0 4.6

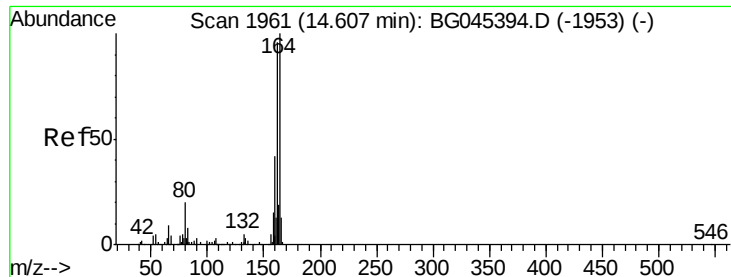


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

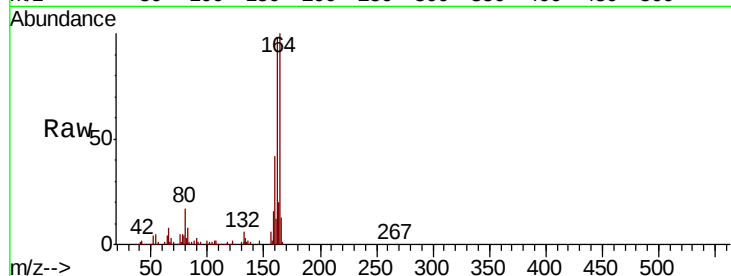
Tot Ion:164 Resp: 147816

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

160 42.1 33.8 50.8

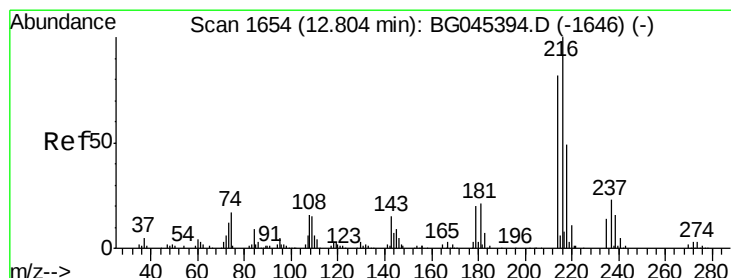
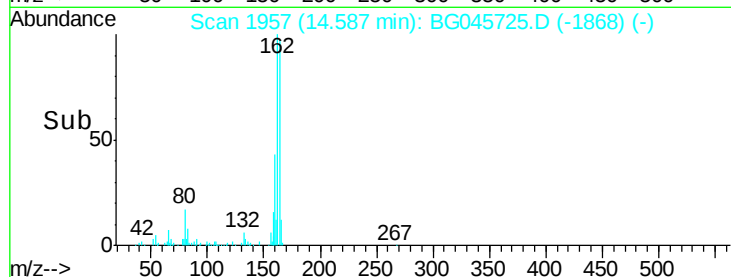
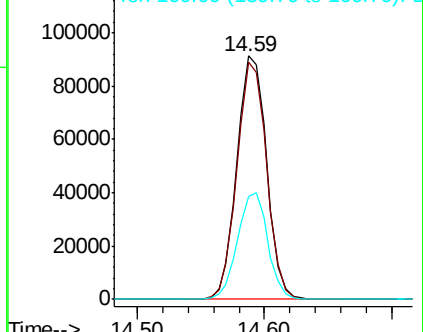


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.223 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Tgt Ion:216 Resp: 190841

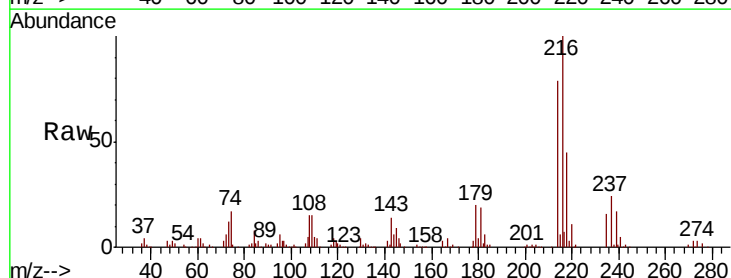
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 20.1 16.1 24.1

108 18.7 13.8 20.6



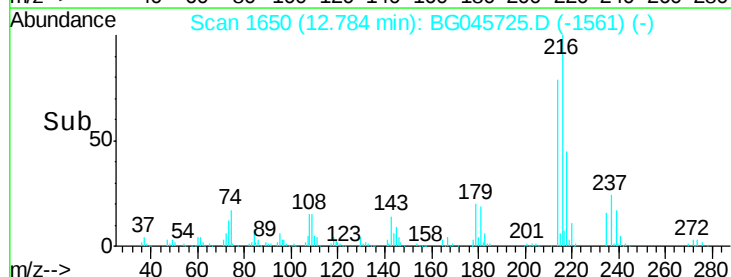
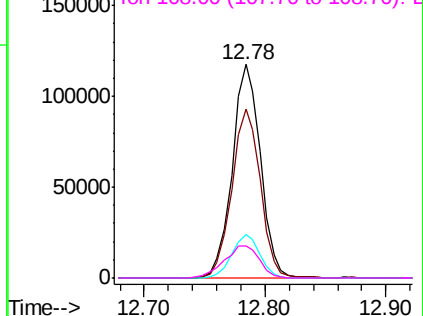
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

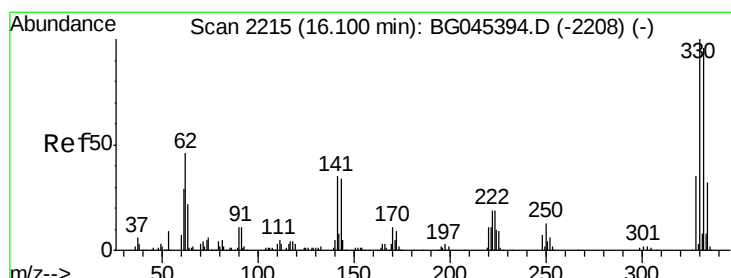
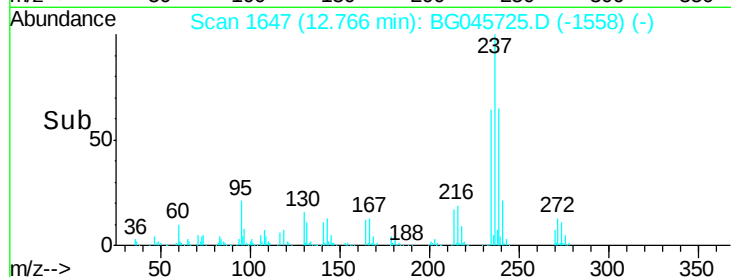
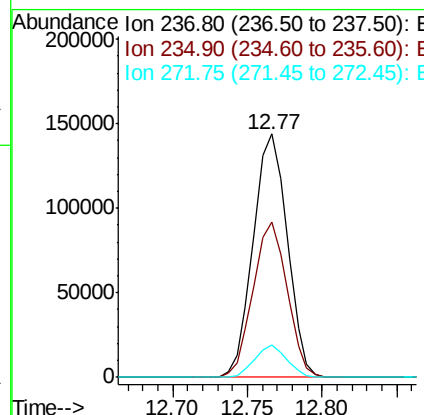
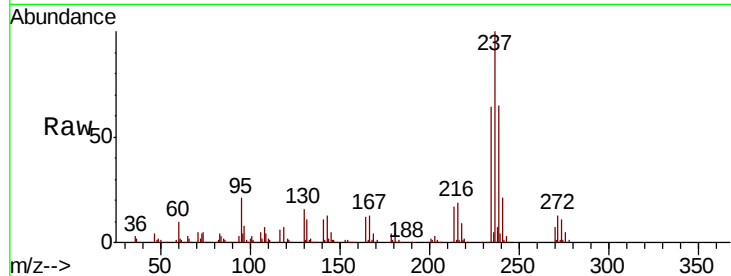




#41
Hexachlorocyclopentadiene
Concen: 95.170 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

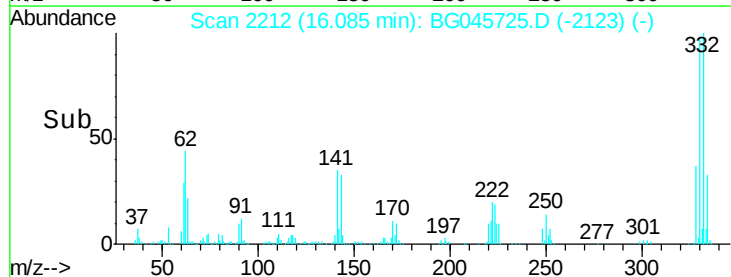
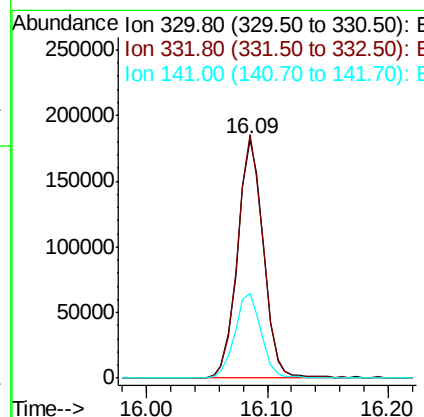
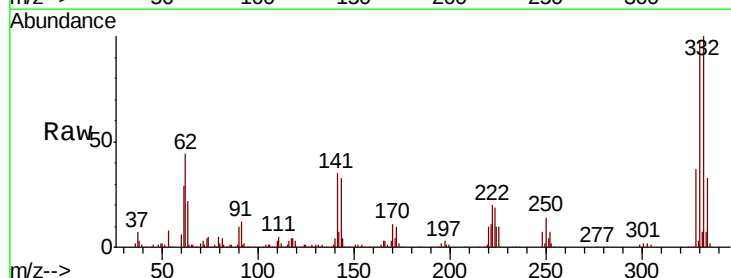
Instrument :
BNA_G
ClientSampleId :
PB129493BS

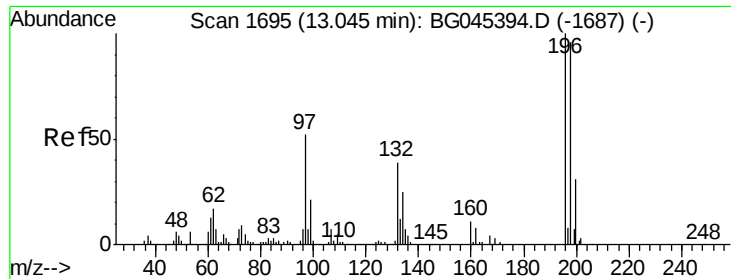
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.4	84.4
272	13.5	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 144.439 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.5	78.2	117.4
141	36.2	28.2	42.4

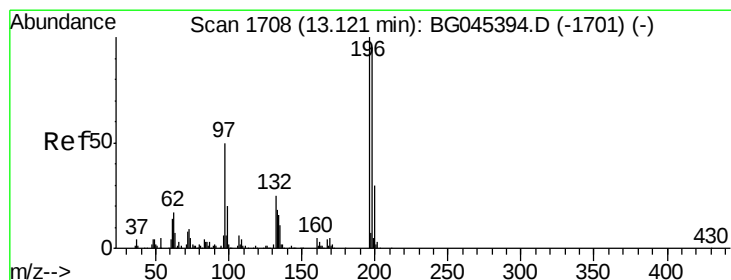
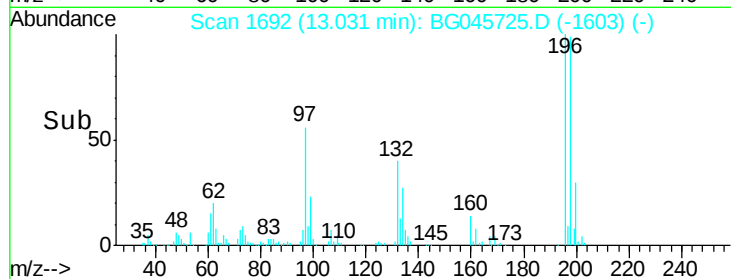
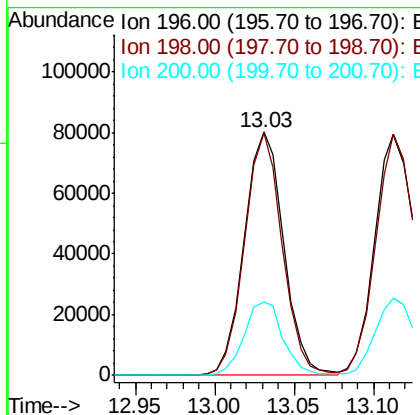
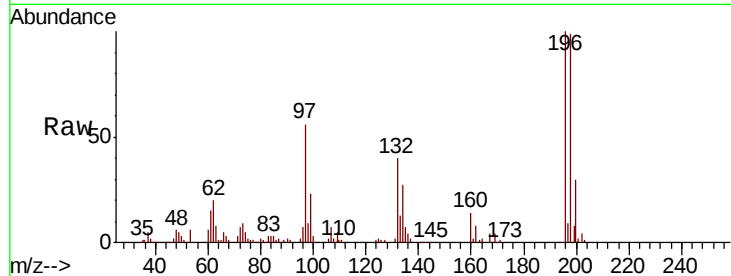




#43
 2,4,6-Trichlorophenol
 Concen: 48.257 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

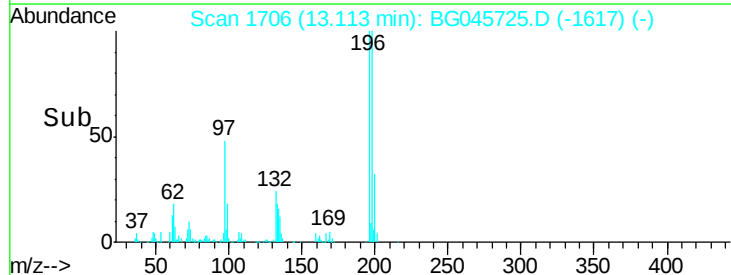
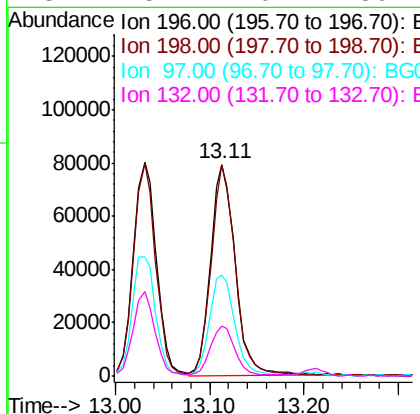
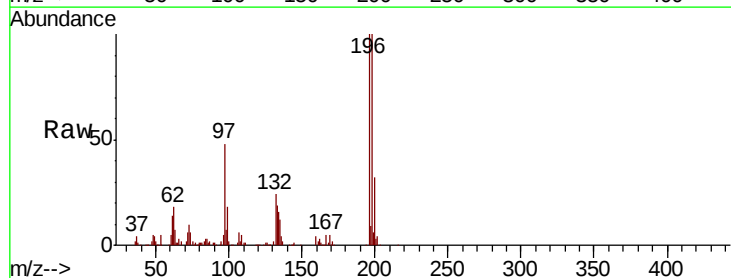
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

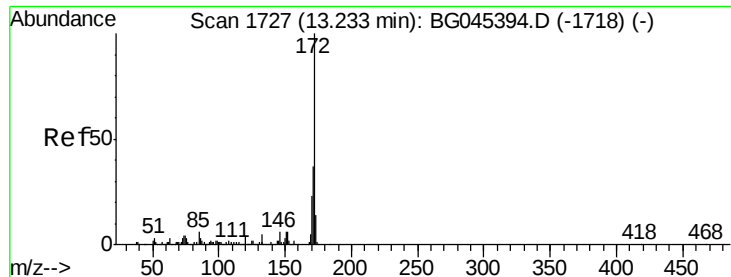
Tot Ion:196 Resp: 138404
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.7 115.1
 200 30.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.518 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion:196 Resp: 145907
 Ion Ratio Lower Upper
 196 100
 198 100.1 76.1 114.1
 97 47.7 40.0 60.0
 132 23.7 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 93.819 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

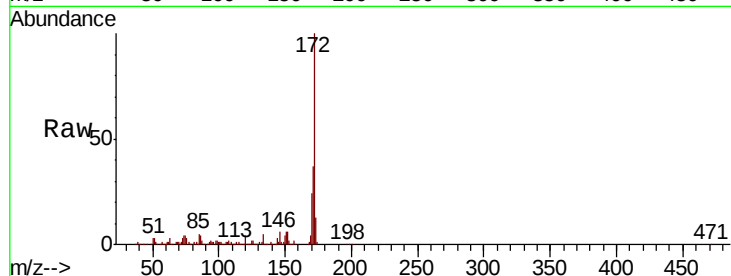
Tot Ion:172 Resp: 817584

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

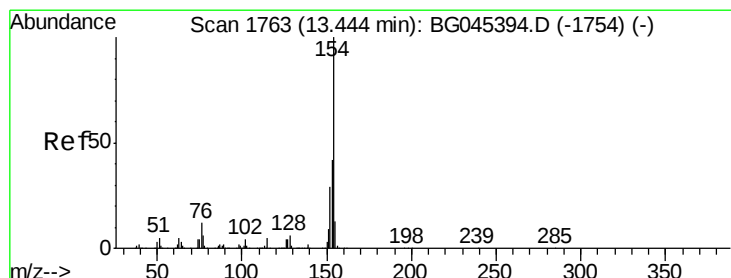
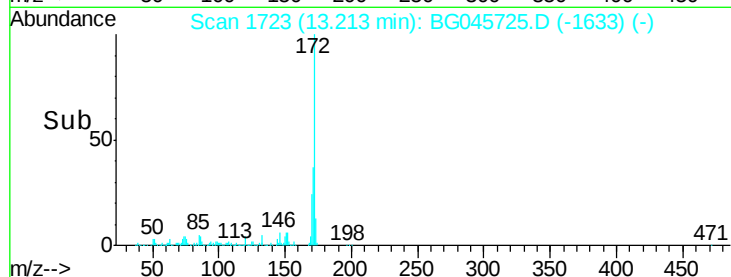
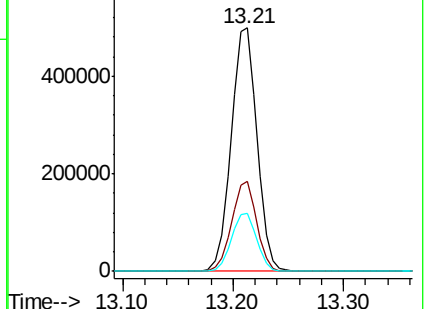
170 23.7 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.534 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

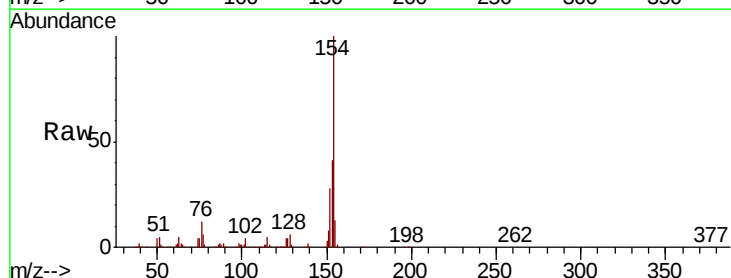
Tgt Ion:154 Resp: 440814

Ion Ratio Lower Upper

154 100

153 41.2 22.2 62.2

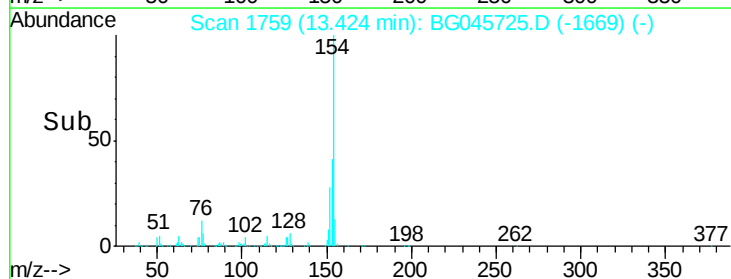
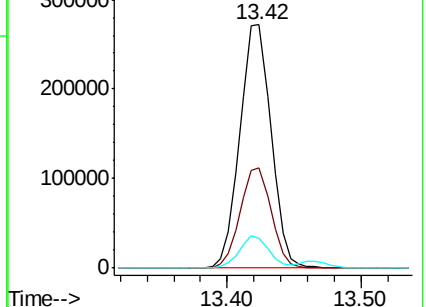
76 12.2 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

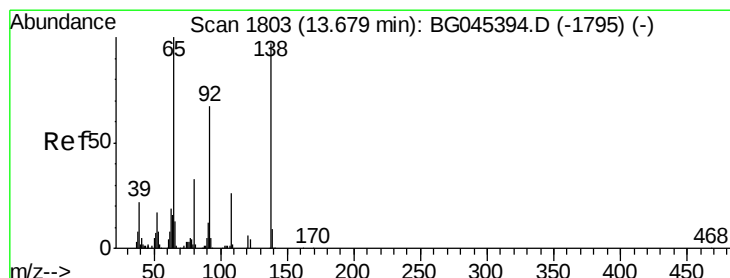
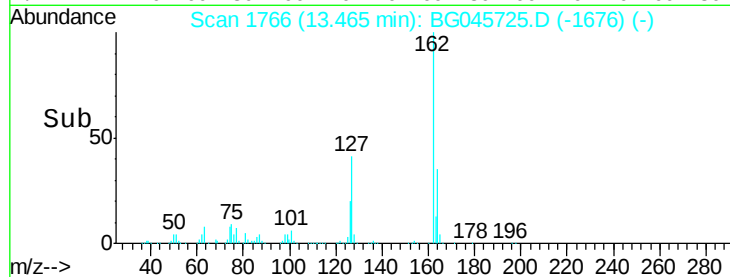
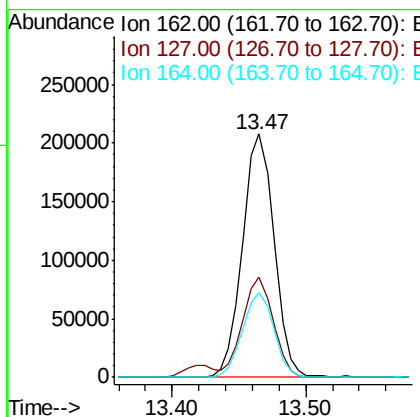
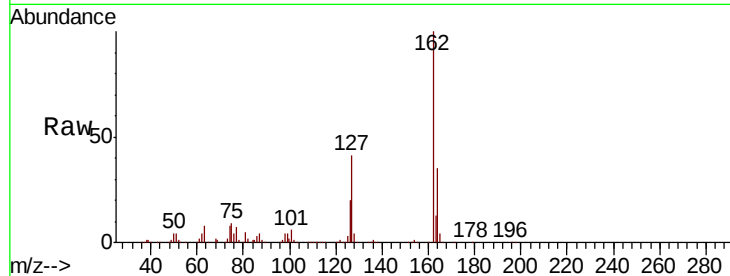




#47
2-Chloronaphthalene
Concen: 46.155 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

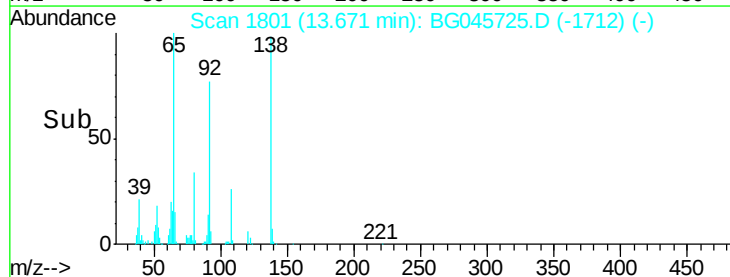
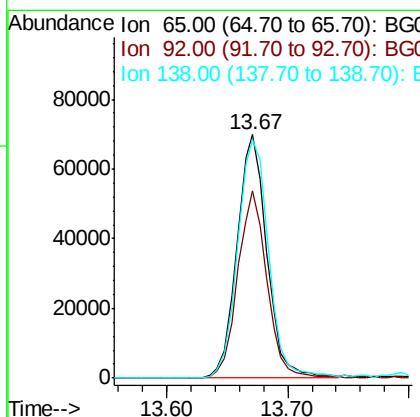
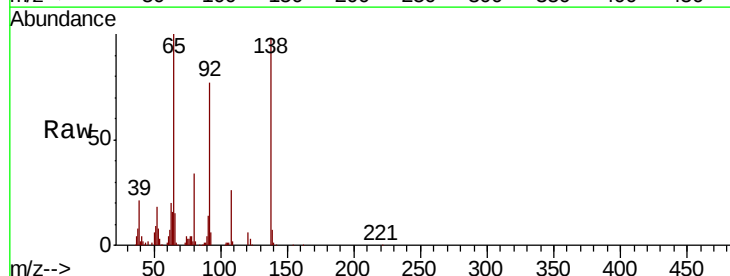
Instrument :
BNA_G
ClientSampleId :
PB129493BS

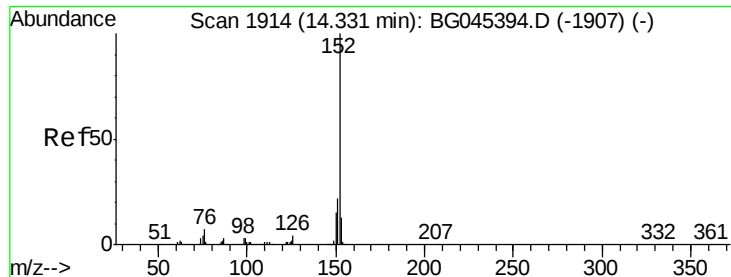
Tot Ion:162 Resp: 340411
Ion Ratio Lower Upper
162 100
127 40.9 31.6 47.4
164 35.1 28.1 42.1



#48
2-Nitroaniline
Concen: 49.748 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion: 65 Resp: 120695
Ion Ratio Lower Upper
65 100
92 76.8 53.8 80.8
138 98.1 77.9 116.9





#49

Acenaphthylene

Concen: 48.295 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

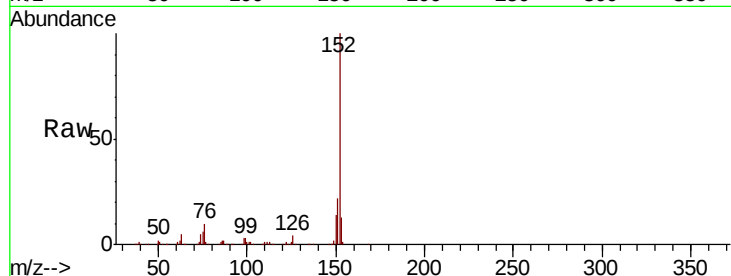
Tot Ion:152 Resp: 572141

Ion Ratio Lower Upper

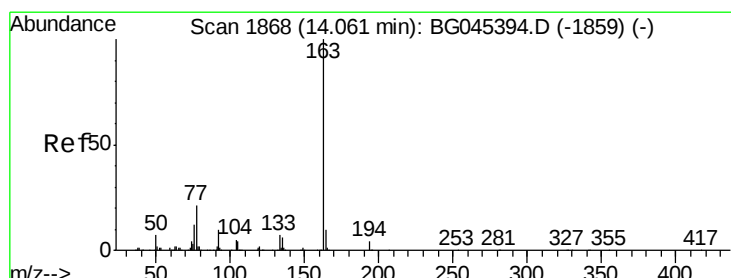
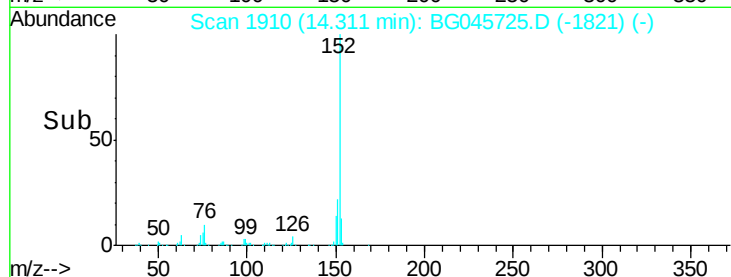
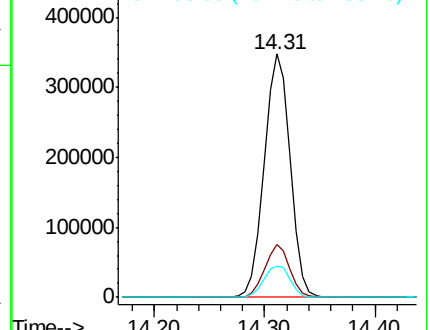
152 100

151 21.9 17.4 26.2

153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.607 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

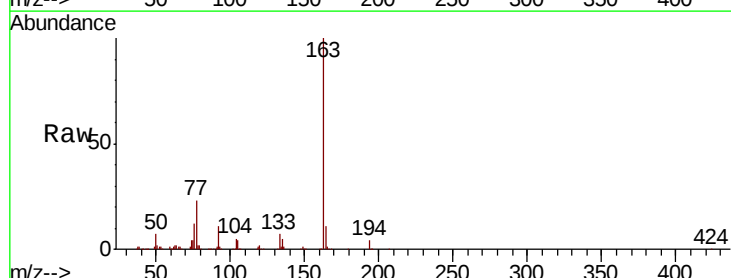
Tgt Ion:163 Resp: 492881

Ion Ratio Lower Upper

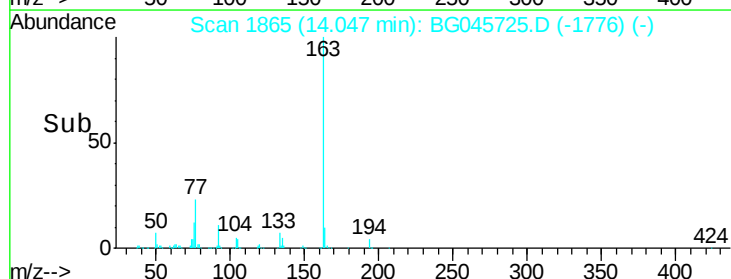
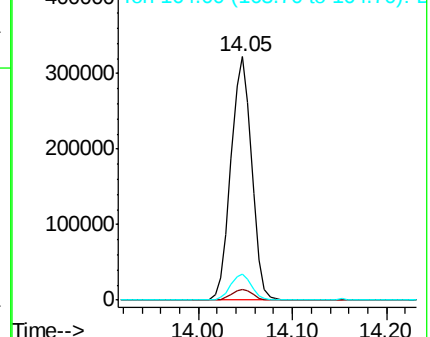
163 100

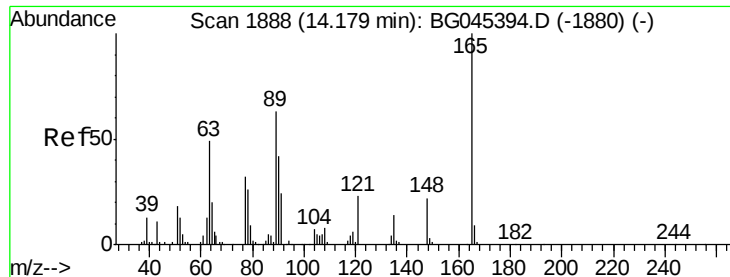
194 4.2 3.2 4.8

164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

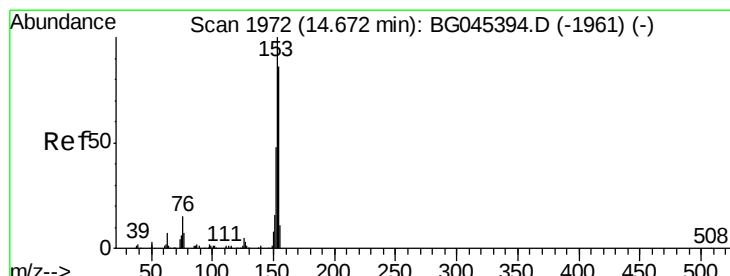
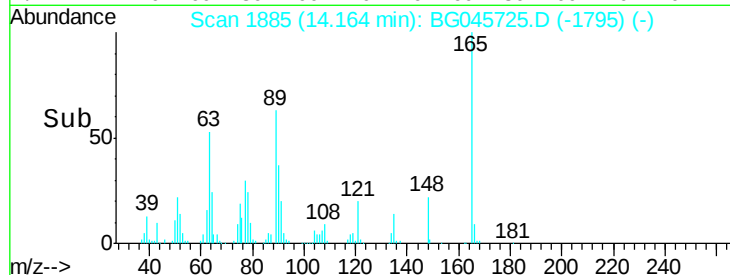
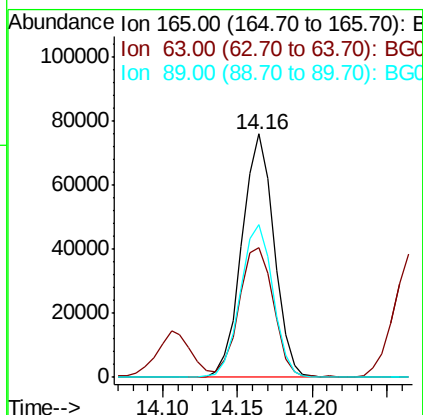
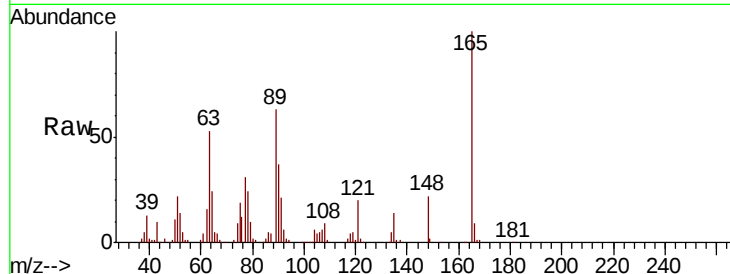




#51
 2,6-Dinitrotoluene
 Concen: 49.602 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

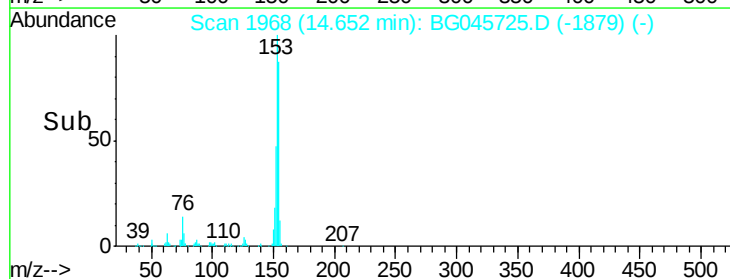
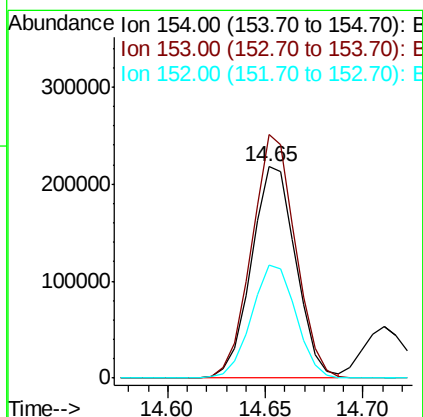
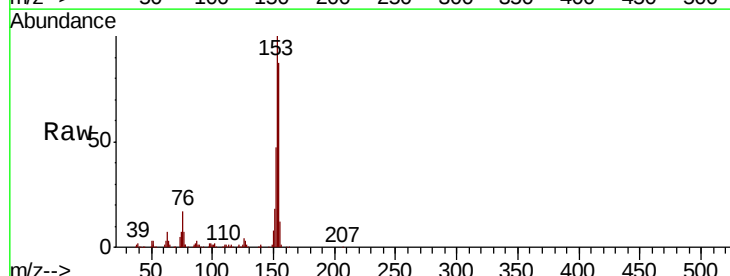
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

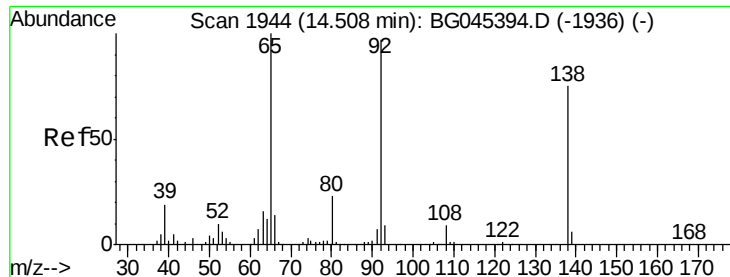
Tot Ion:165 Resp: 113495
 Ion Ratio Lower Upper
 165 100
 63 53.1 45.0 67.4
 89 62.8 50.2 75.4



#52
 Acenaphthene
 Concen: 43.200 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion:154 Resp: 342573
 Ion Ratio Lower Upper
 154 100
 153 115.1 92.8 139.2
 152 53.7 44.6 66.8

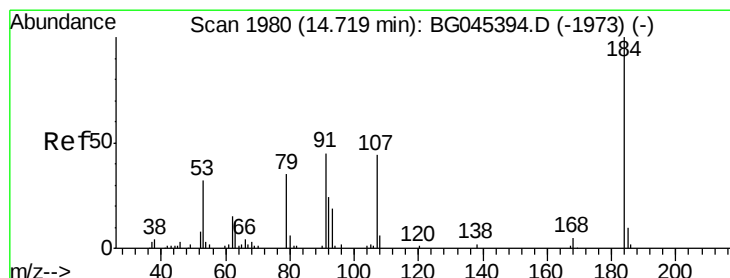
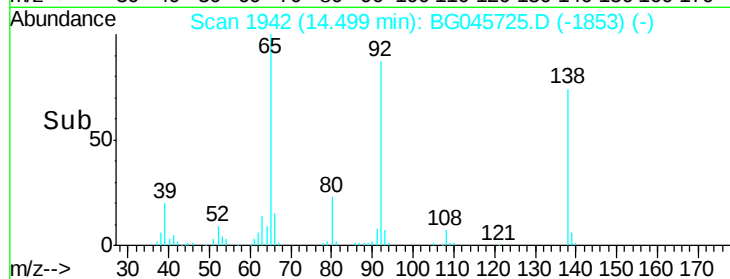
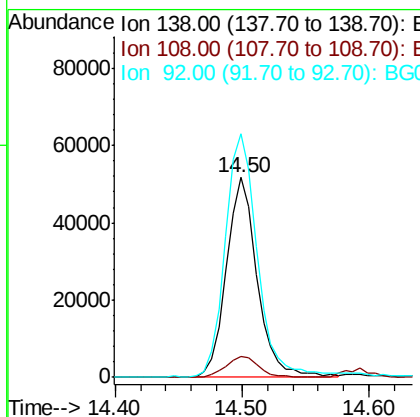
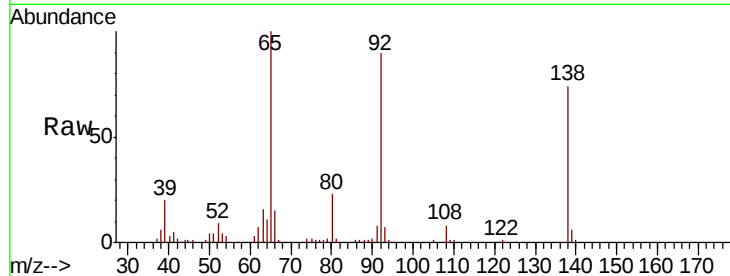




#53
3-Nitroaniline
Concen: 37.335 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

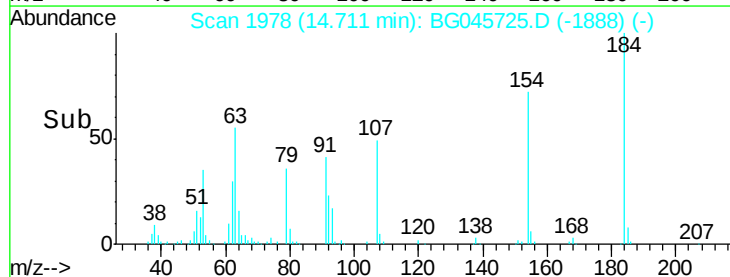
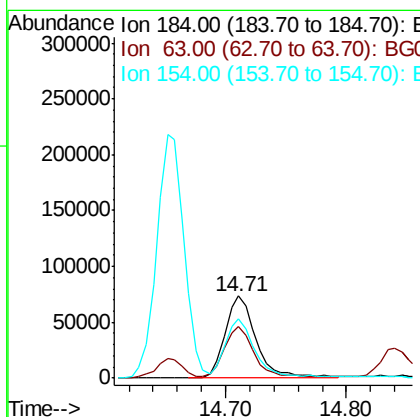
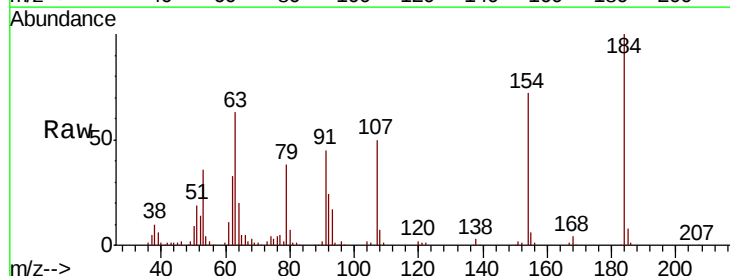
Instrument :
BNA_G
ClientSampleId :
PB129493BS

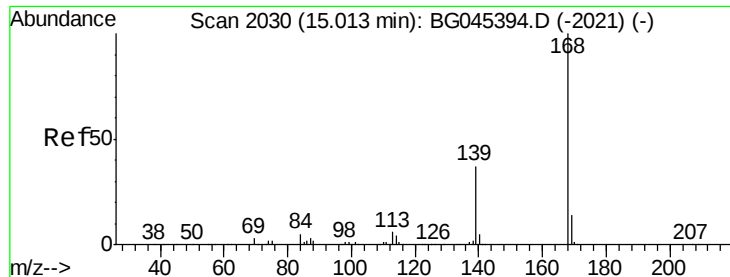
Tot Ion:138 Resp: 86841
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 121.9 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 86.829 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:184 Resp: 130894
Ion Ratio Lower Upper
184 100
63 63.1 47.8 71.6
154 72.2 58.3 87.5

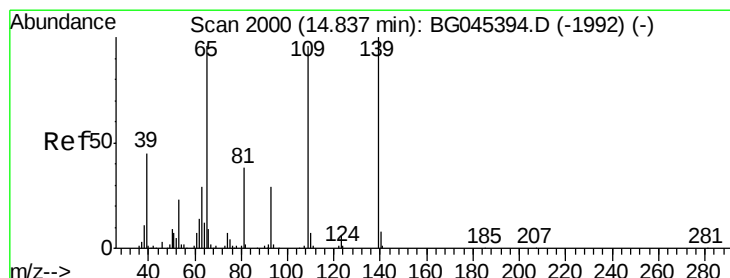
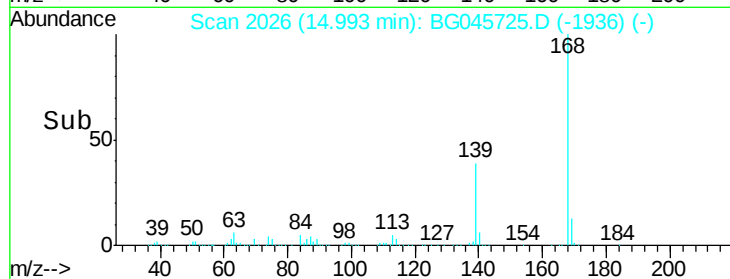
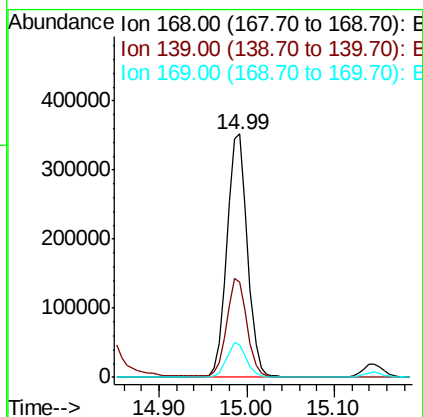
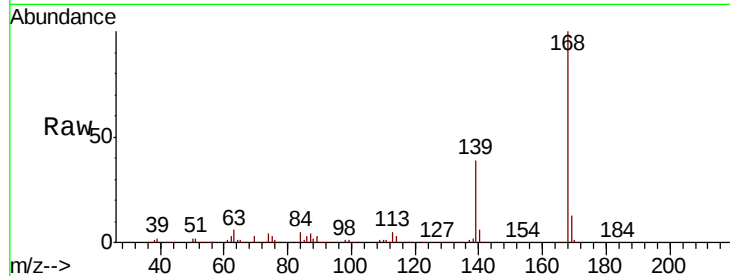




#55
Dibenzofuran
Concen: 48.108 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

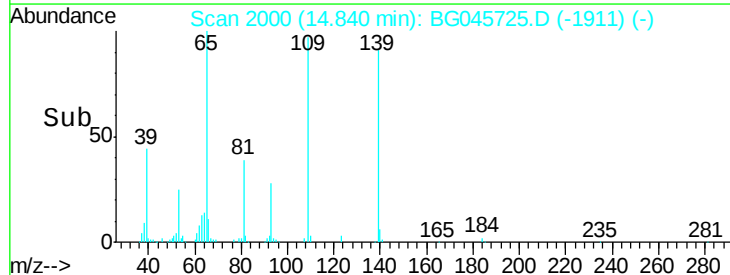
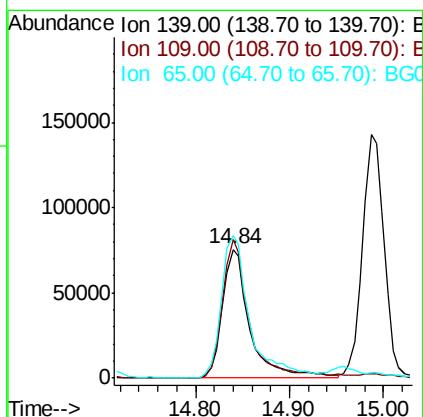
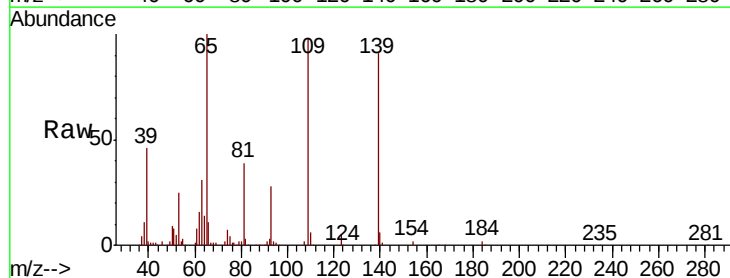
Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:168 Resp: 566526
Ion Ratio Lower Upper
168 100
139 39.2 29.9 44.9
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 87.231 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:139 Resp: 153612
Ion Ratio Lower Upper
139 100
109 108.1 75.6 115.6
65 110.4 76.8 116.8

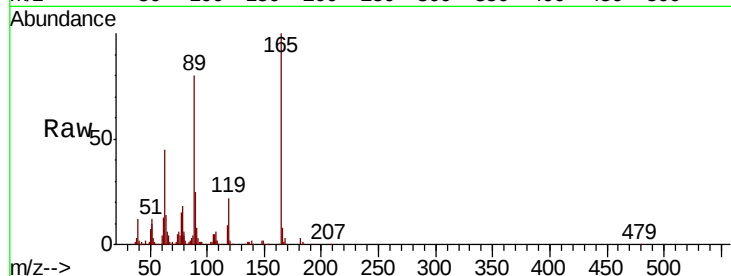




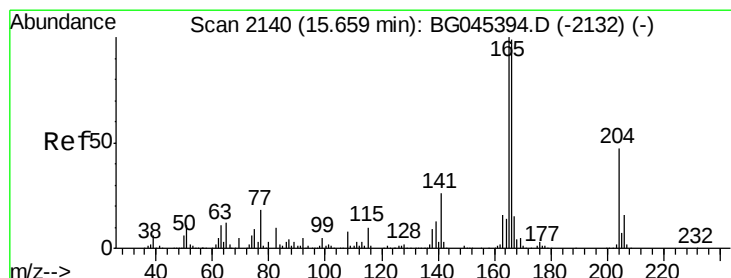
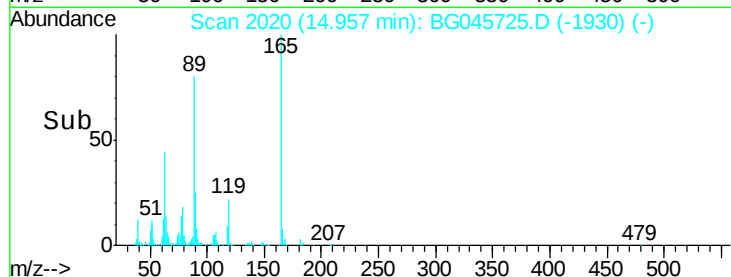
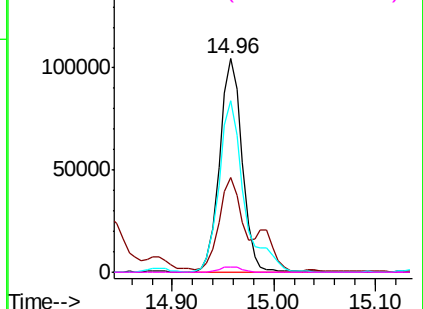
#57
2,4-Dinitrotoluene
Concen: 48.766 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:165 Resp: 161601
Ion Ratio Lower Upper
165 100
63 44.6 32.5 48.7
89 80.2 61.8 92.6
182 2.6 2.3 3.5

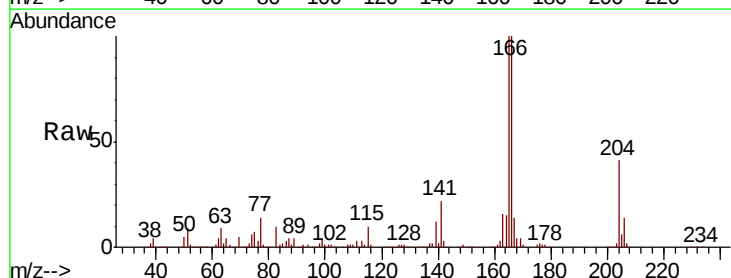


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

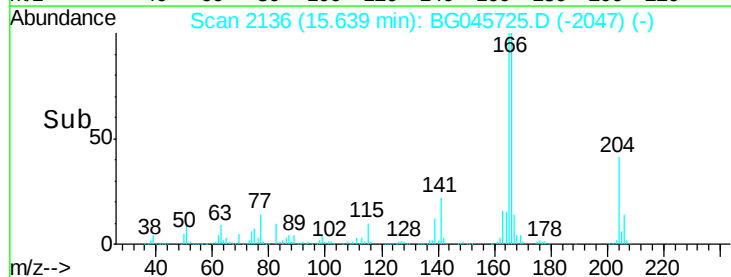
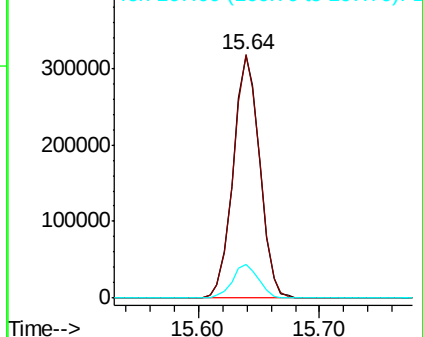


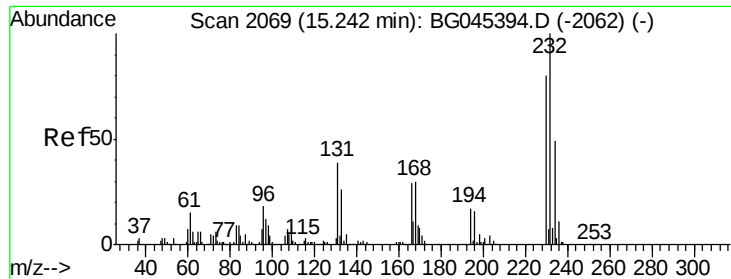
#58
Fluorene
Concen: 50.222 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:166 Resp: 485881
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 13.9 12.0 18.0



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

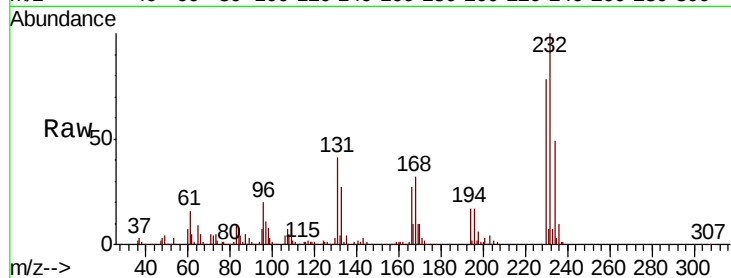




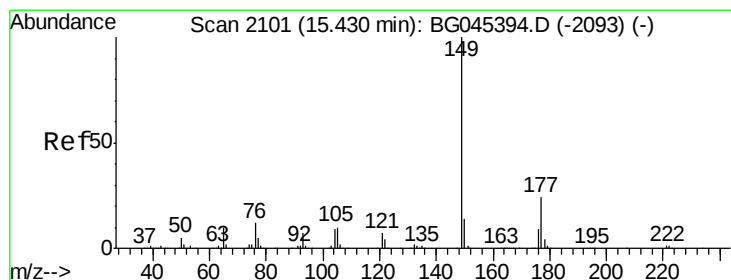
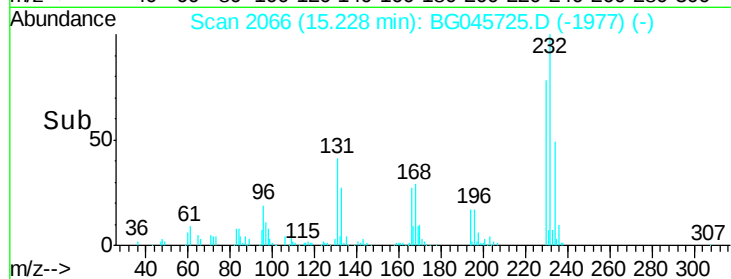
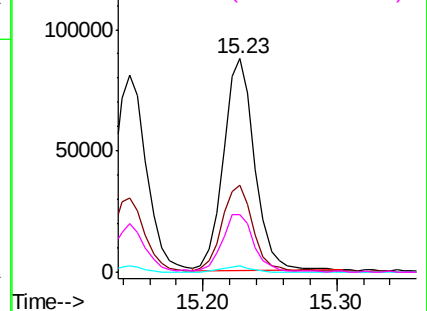
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.940 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:232	Resp:	144000
Ion	Ratio	Lower Upper
232	100	
131	41.8	33.7 50.5
130	2.6	2.1 3.1
166	27.7	23.2 34.8

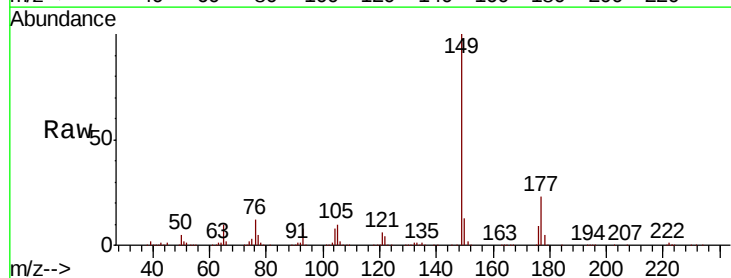


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

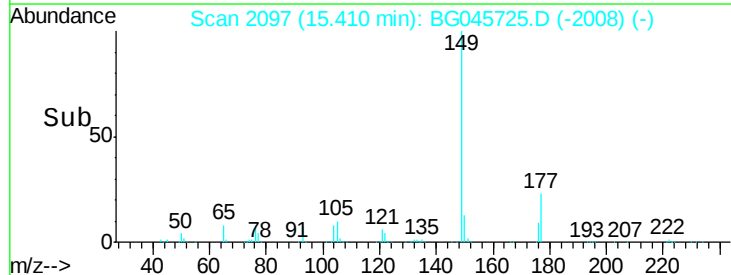
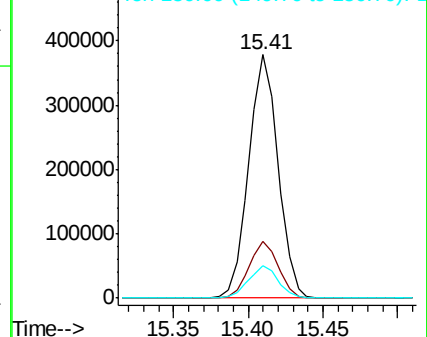


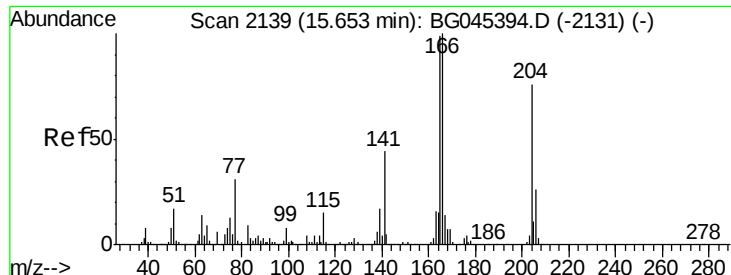
#60
Diethylphthalate
Concen: 48.707 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:149	Resp:	514055
Ion	Ratio	Lower Upper
149	100	
177	23.2	19.0 28.4
150	13.3	11.4 17.0



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

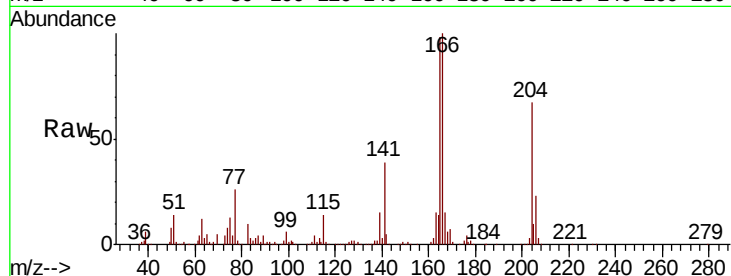




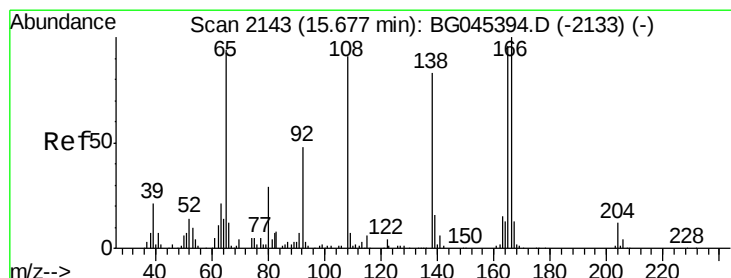
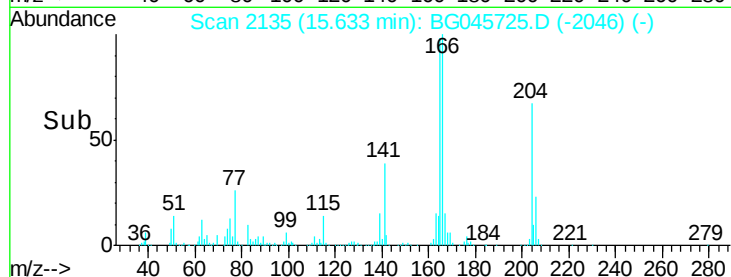
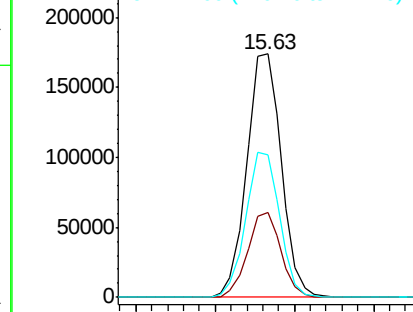
#61
4-Chlorophenyl-phenylether
Concen: 47.424 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:204 Resp: 262549
Ion Ratio Lower Upper
204 100
206 34.8 27.3 40.9
141 58.5 45.9 68.9

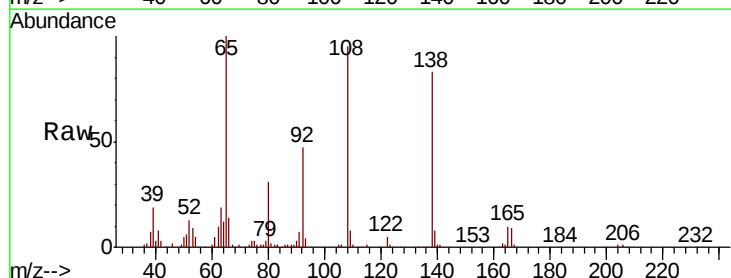


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

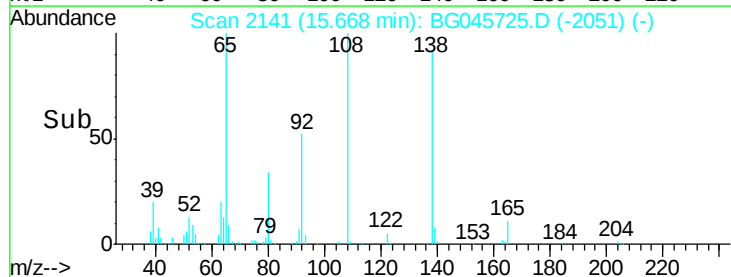
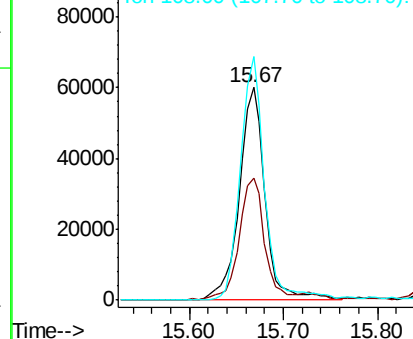


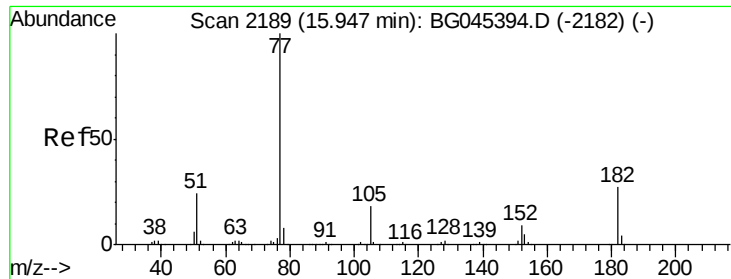
#62
4-Nitroaniline
Concen: 47.131 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:138 Resp: 114444
Ion Ratio Lower Upper
138 100
92 57.2 38.0 78.0
108 114.7 89.3 129.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

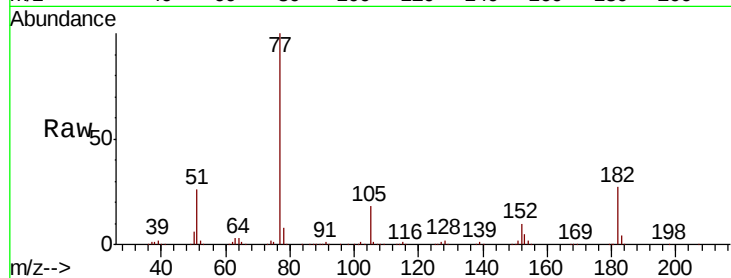




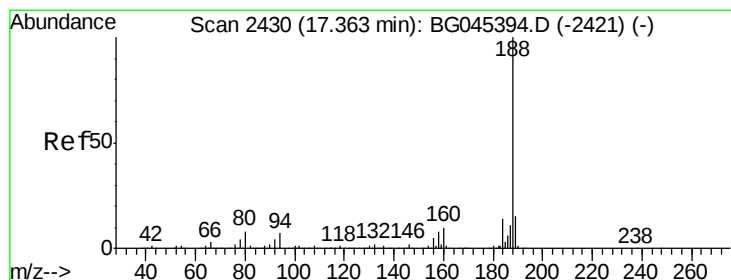
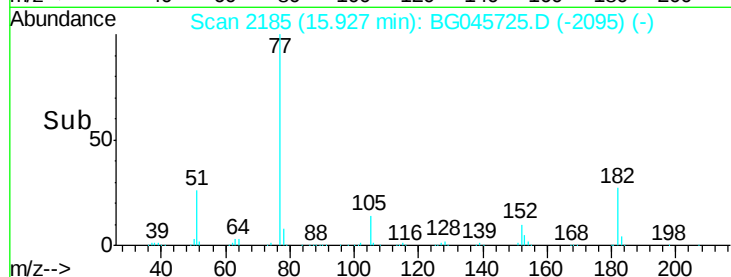
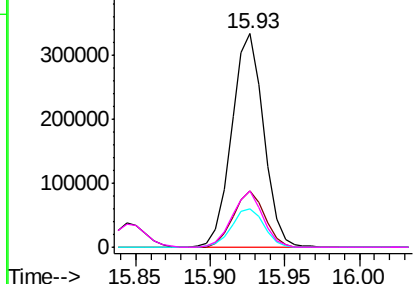
#63
Azobenzene
Concen: 50.459 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:	77	Resp:	496572
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.5	46.5
105	17.8	0.0	37.9
51	26.5	4.1	44.1

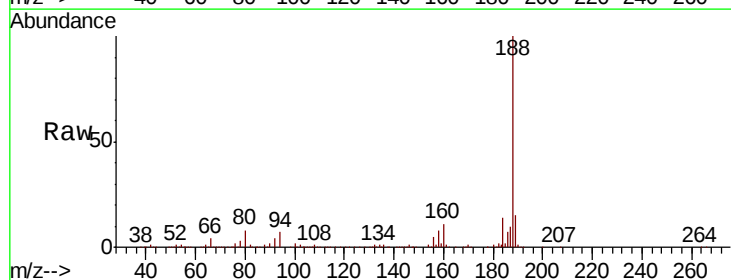


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

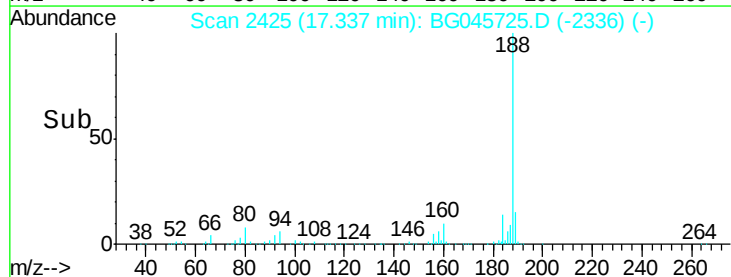
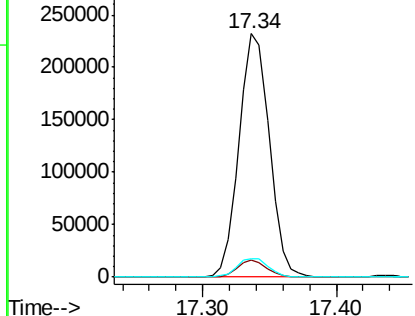


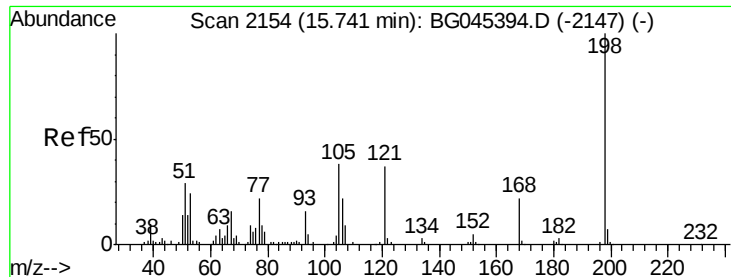
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:	188	Resp:	365070
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.7	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.882 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

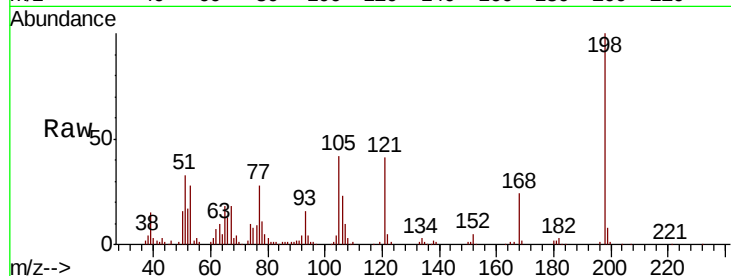
Tot Ion:198 Resp: 103931

Ion Ratio Lower Upper

198 100

51 33.5 10.0 50.0

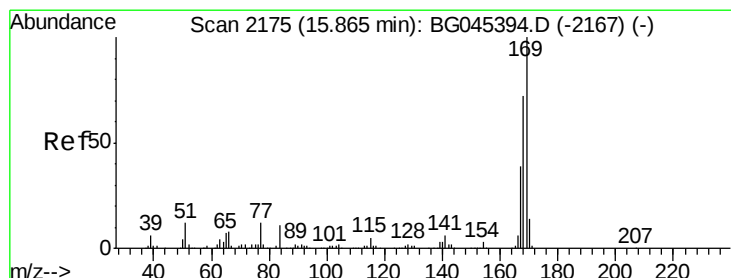
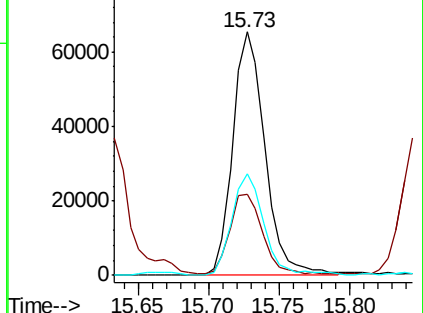
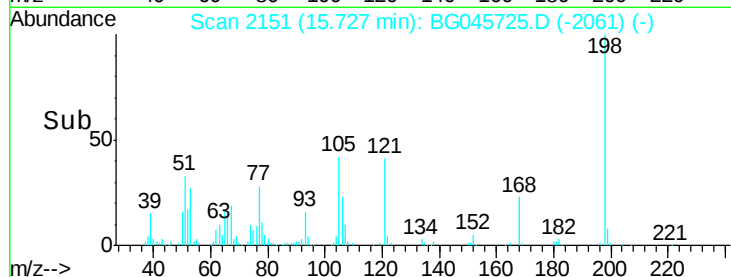
105 41.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.755 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

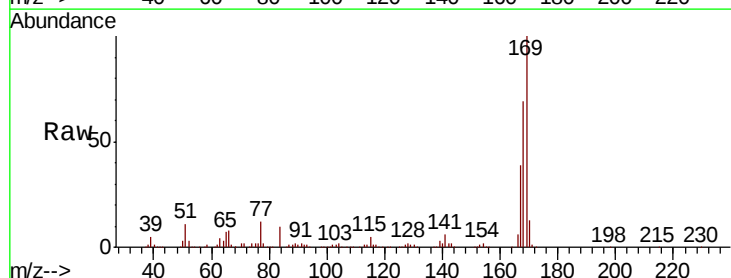
Tgt Ion:169 Resp: 436115

Ion Ratio Lower Upper

169 100

168 69.3 57.8 86.6

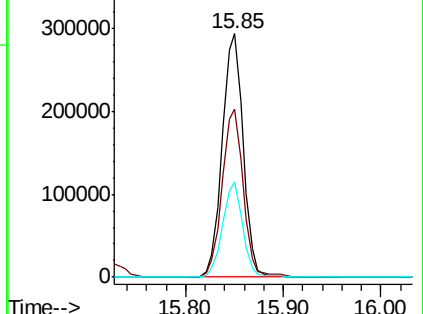
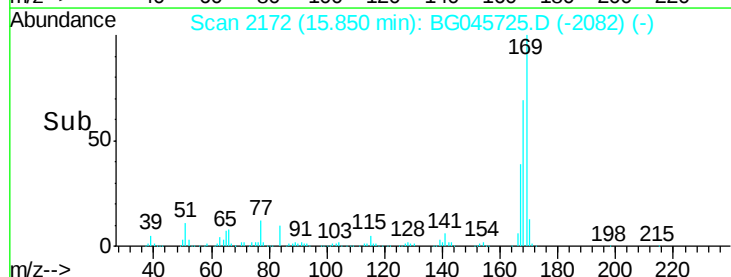
167 39.0 31.5 47.3

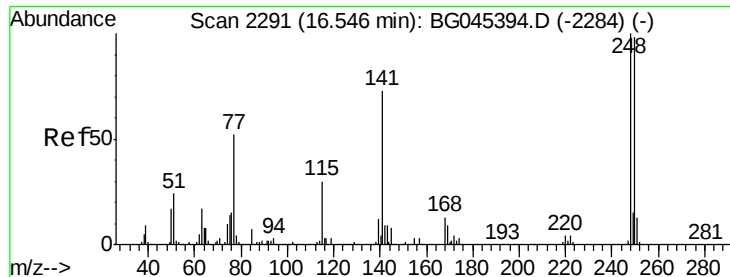


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

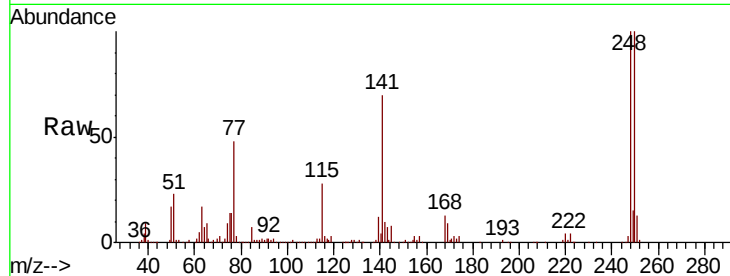




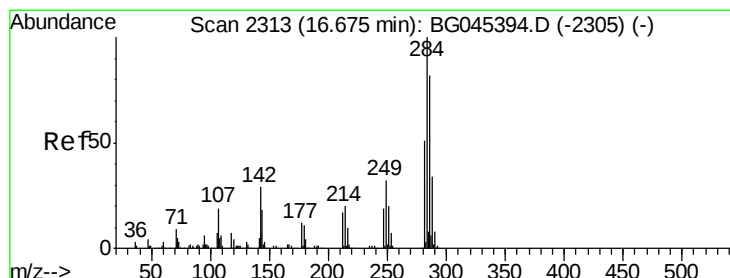
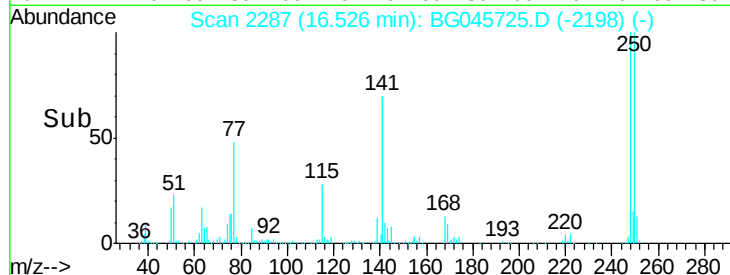
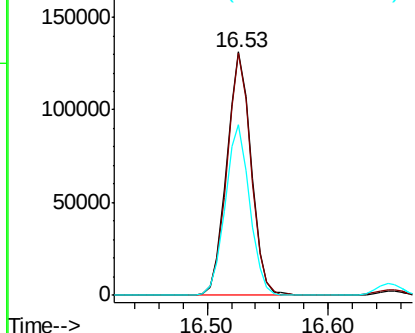
#67
4-Bromophenyl-phenylether
Concen: 46.723 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:248 Resp: 184702
Ion Ratio Lower Upper
248 100
250 99.7 78.6 117.8
141 70.3 58.2 87.2

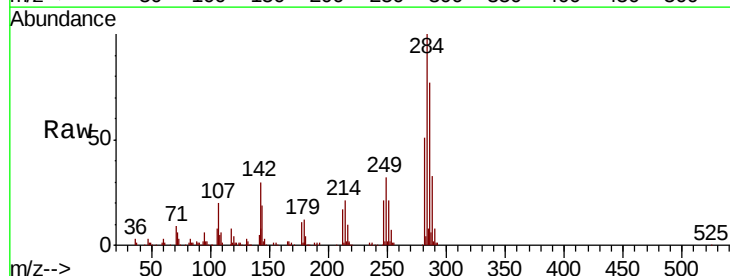


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

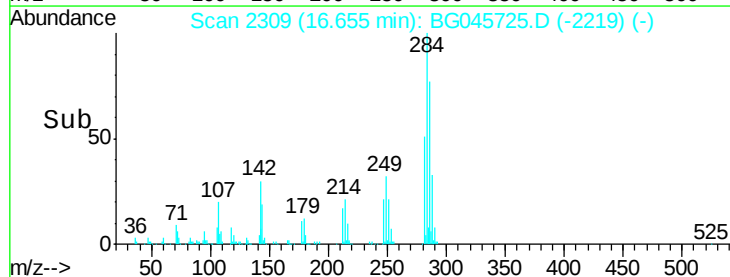
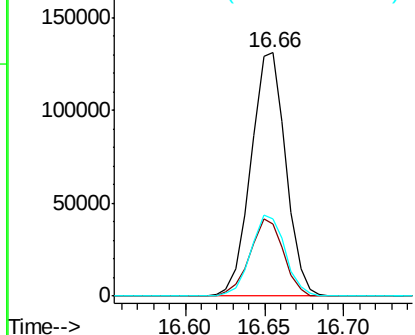


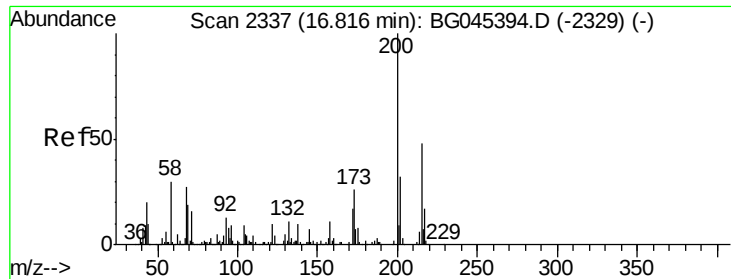
#68
Hexachlorobenzene
Concen: 48.497 ng
RT: 16.66 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:284 Resp: 200515
Ion Ratio Lower Upper
284 100
142 29.5 23.0 34.6
249 31.9 25.8 38.6



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

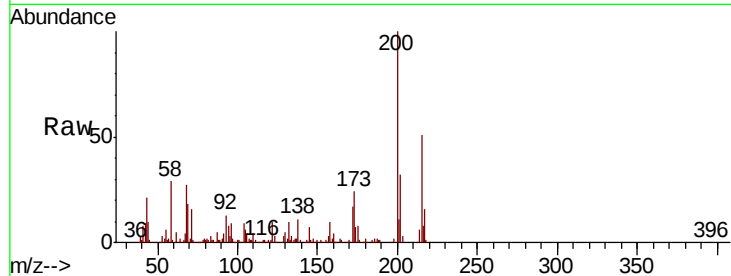




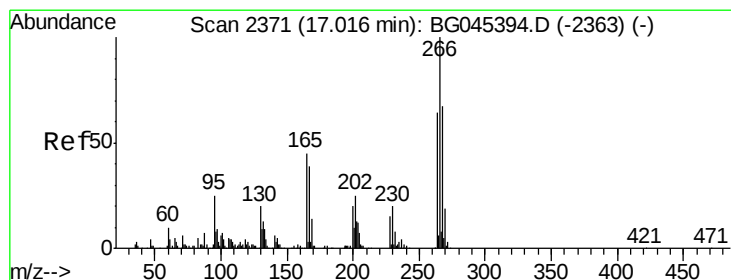
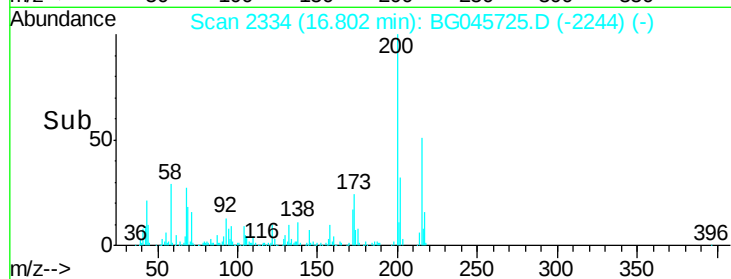
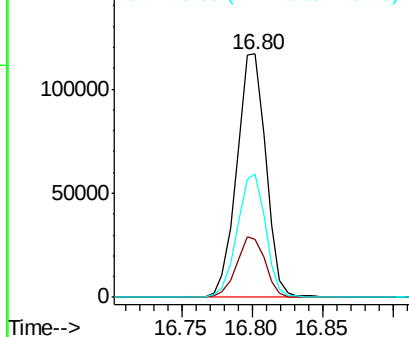
#69
Atrazine
Concen: 46.520 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	5.5	45.5
215	50.6	28.2	68.2

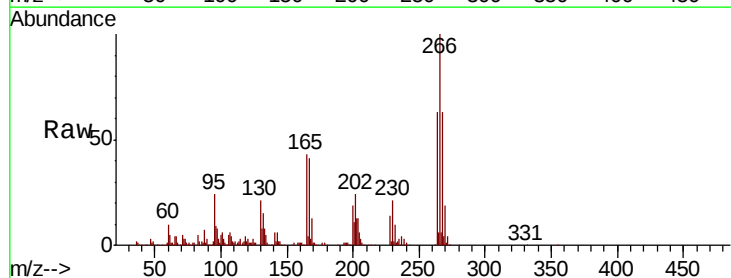


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

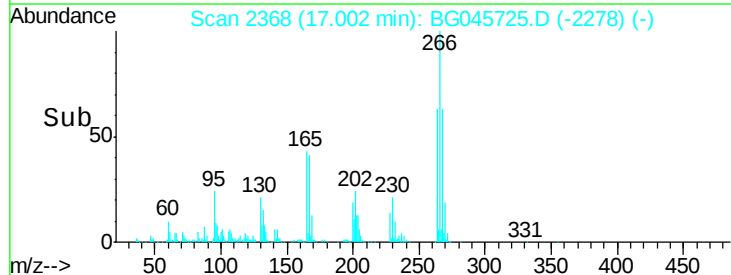
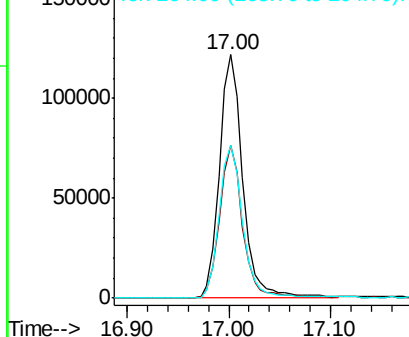


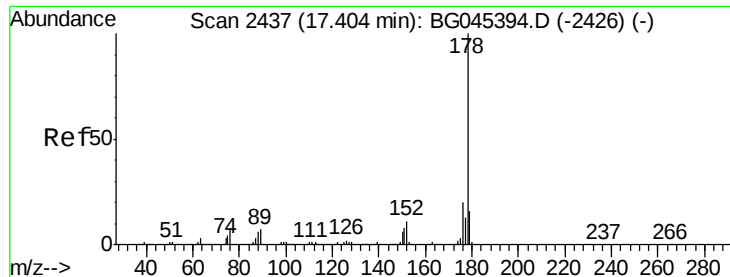
#70
Pentachlorophenol
Concen: 91.137 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.2	79.8
264	62.8	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

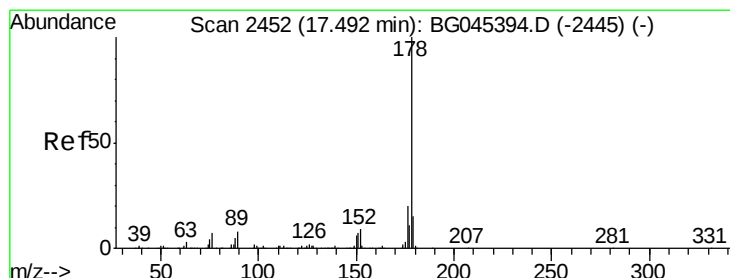
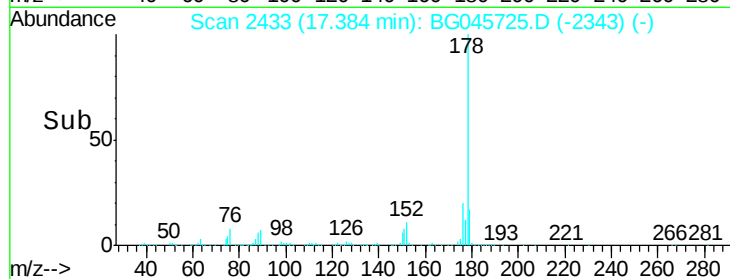
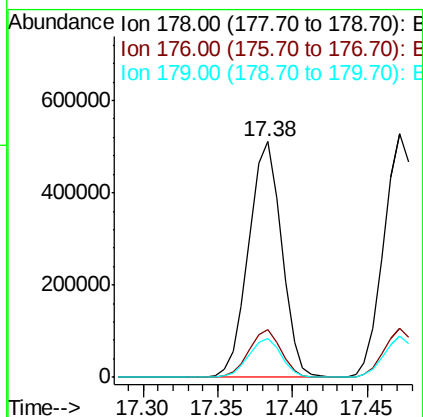
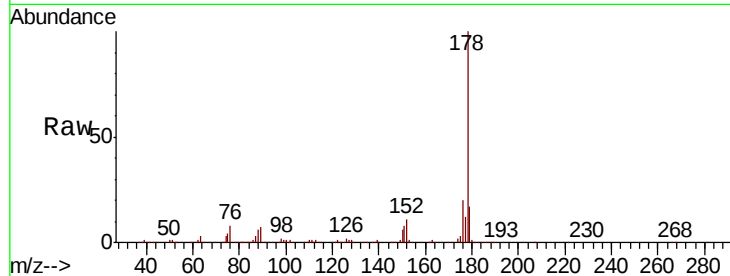




#71
Phenanthrene
Concen: 49.127 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

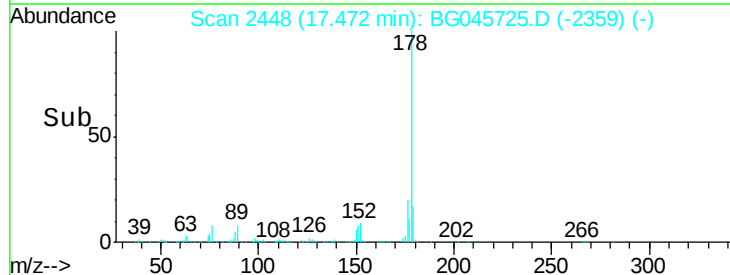
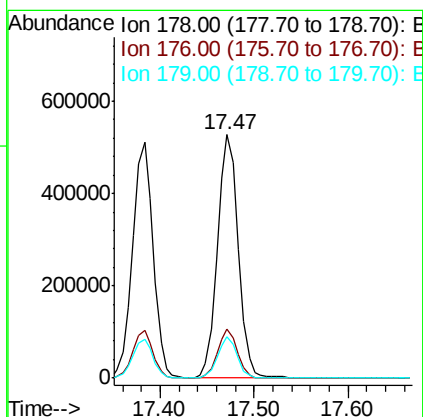
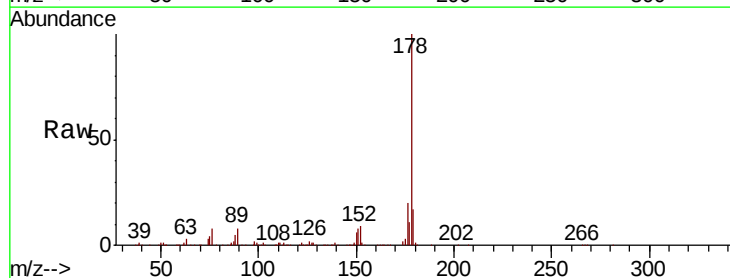
Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:178 Resp: 782949
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.7 13.1 19.7



#72
Anthracene
Concen: 50.763 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:178 Resp: 812445
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.7 12.2 18.4

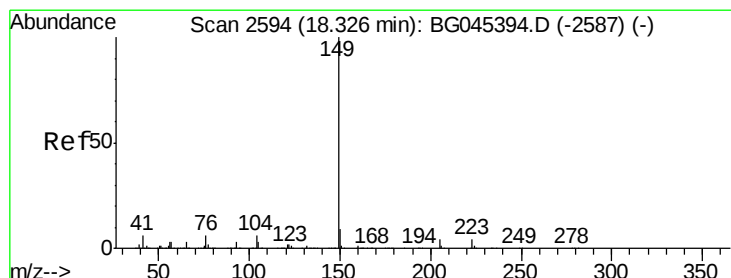
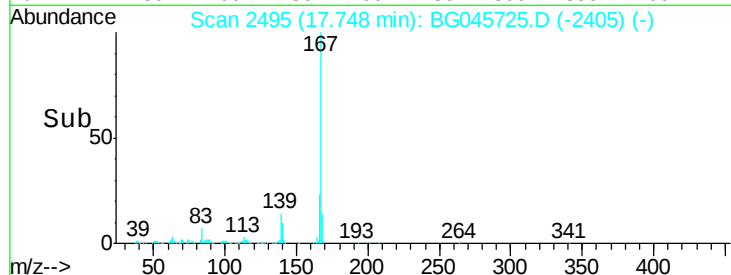
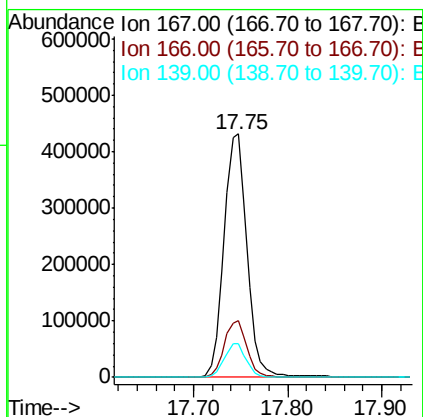
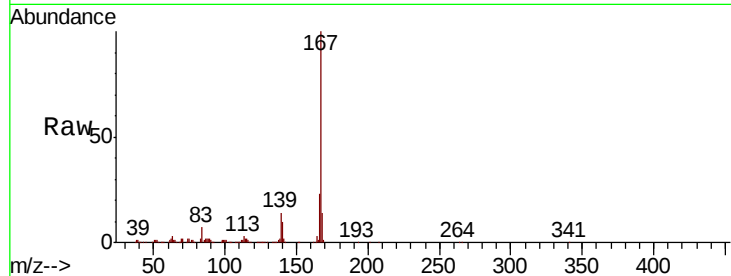




#73
 Carbazole
 Concen: 47.366 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

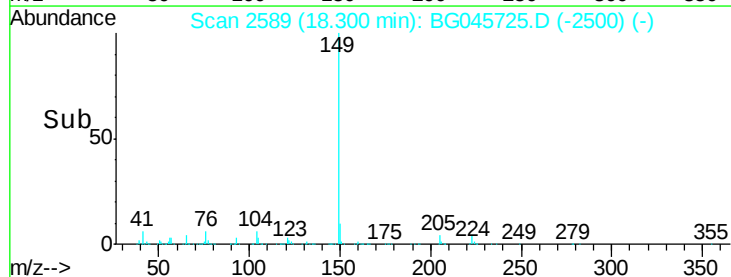
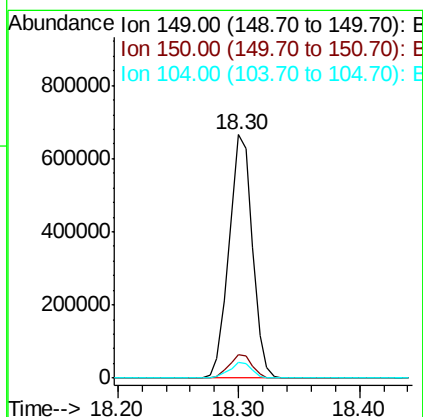
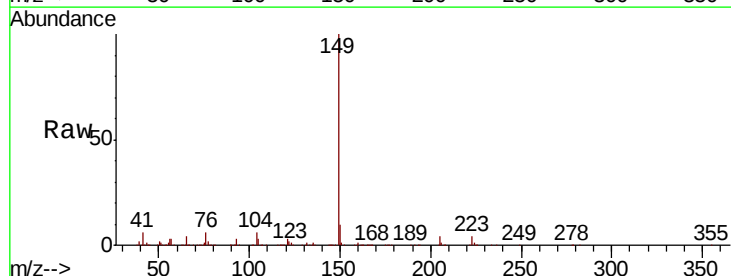
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BS

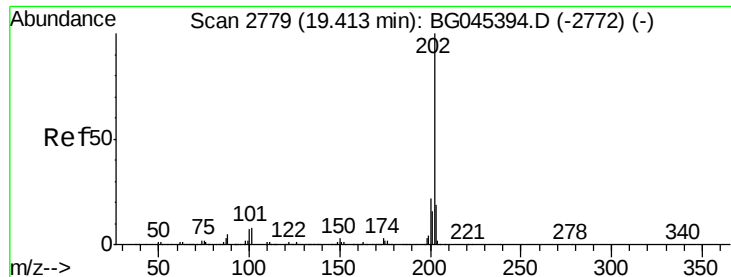
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	13.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 47.925 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 47.966 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

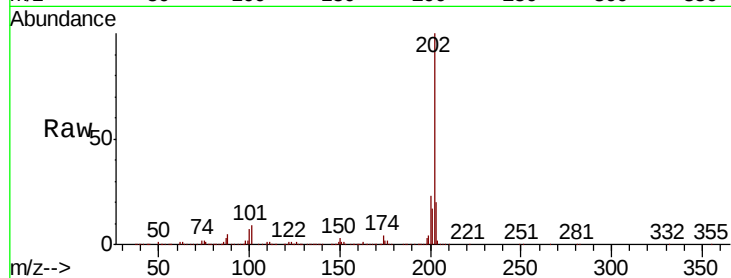
Tot Ion:202 Resp: 972325

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

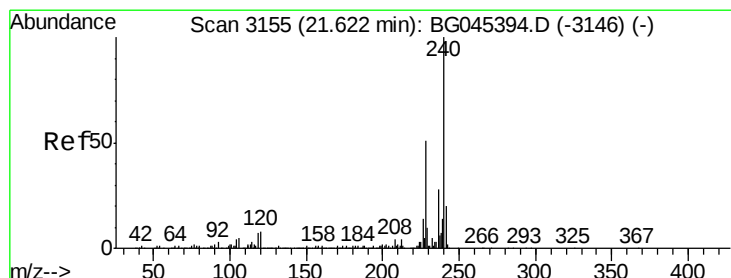
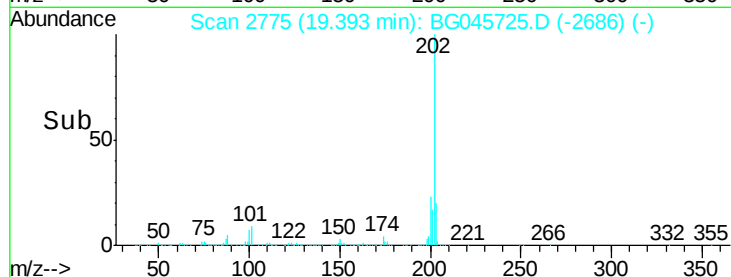
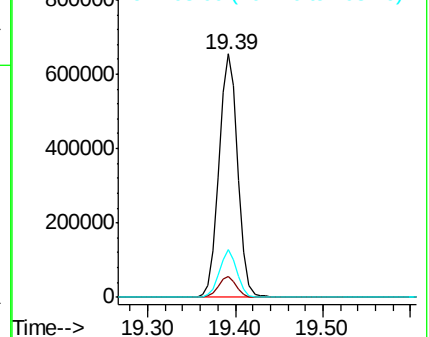
203 19.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

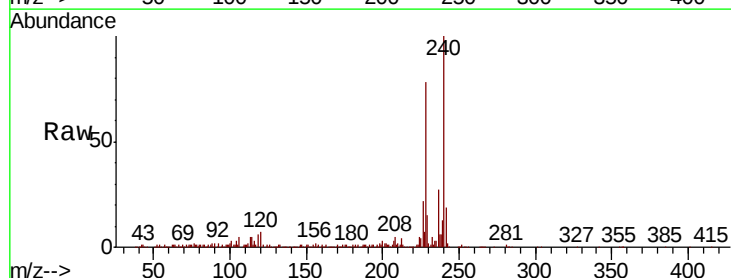
Tgt Ion:240 Resp: 315587

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

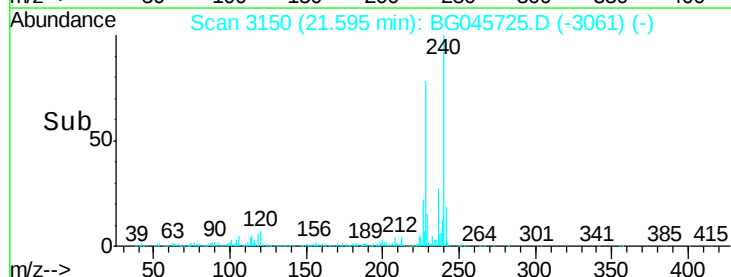
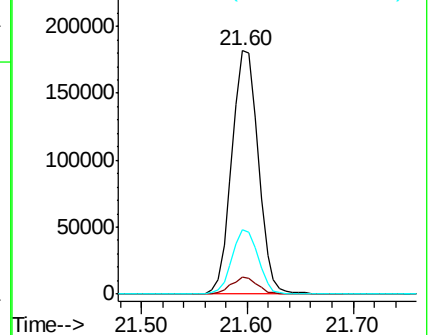
236 26.6 22.3 33.5

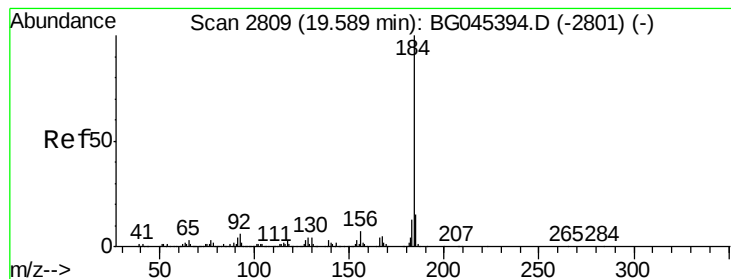


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.968 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

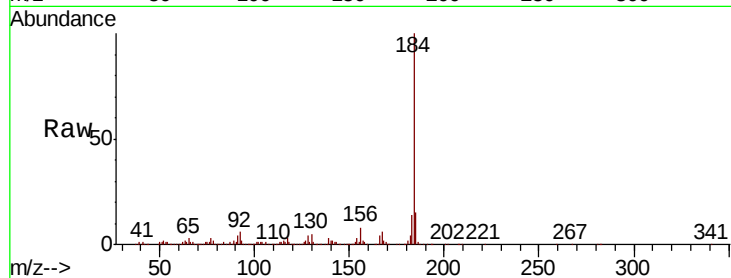
Tot Ion:184 Resp: 540382

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

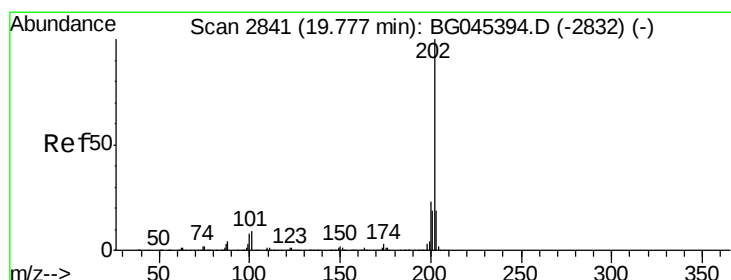
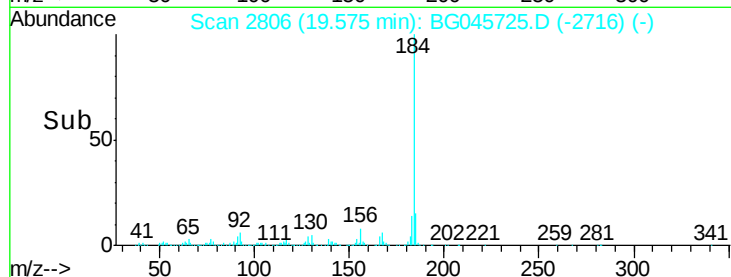
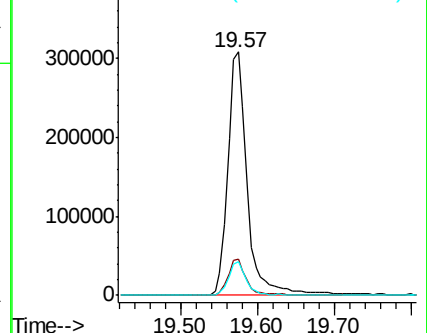
183 13.6 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.141 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

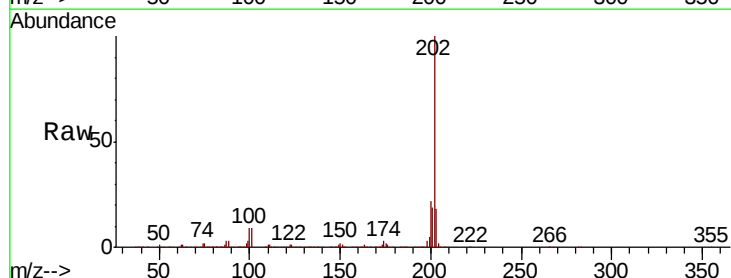
Tgt Ion:202 Resp: 955991

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

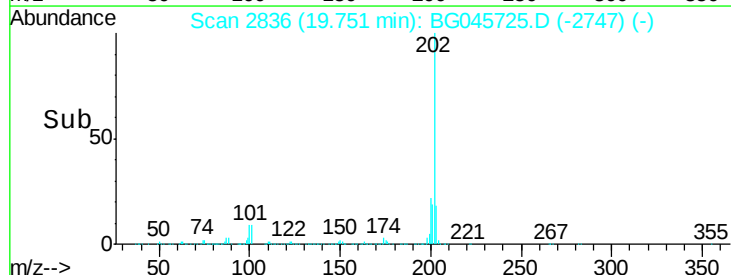
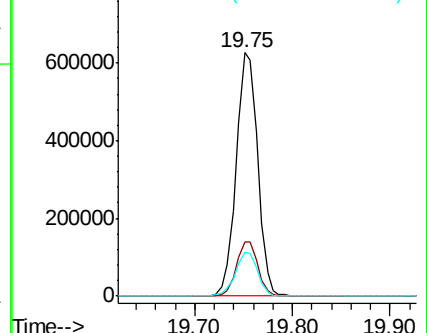
203 18.0 15.1 22.7

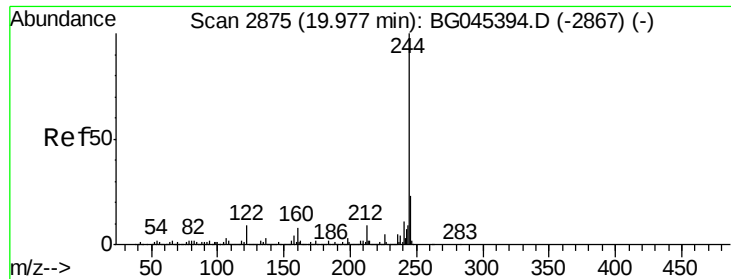


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.129 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

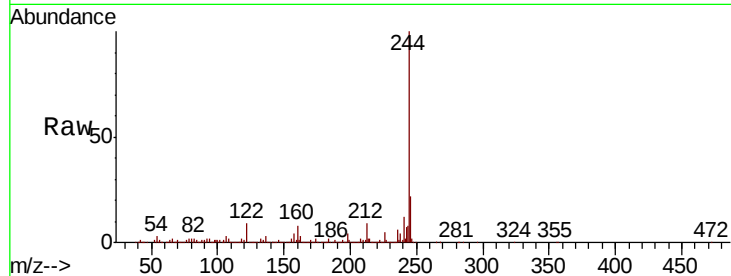
Tot Ion:244 Resp: 1449578

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

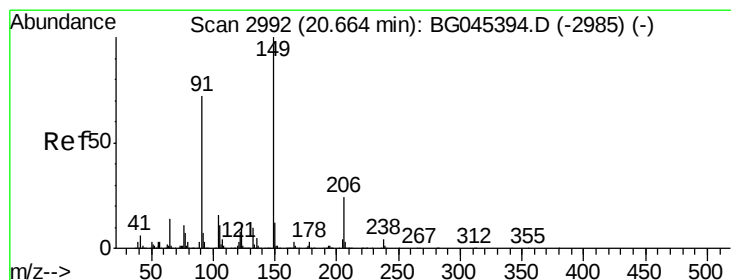
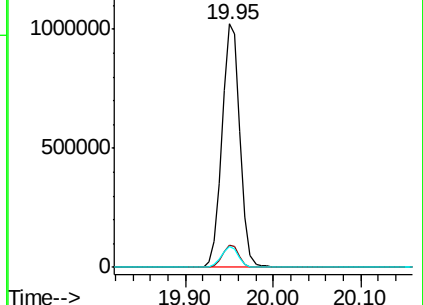
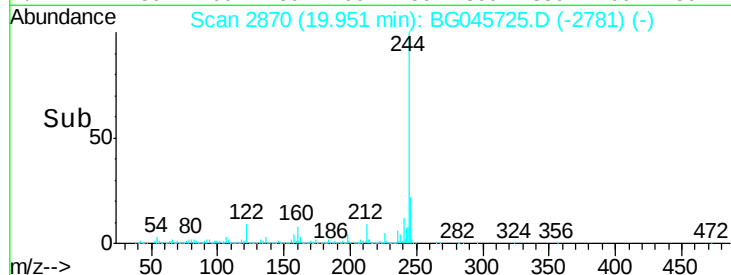
122 8.7 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.325 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

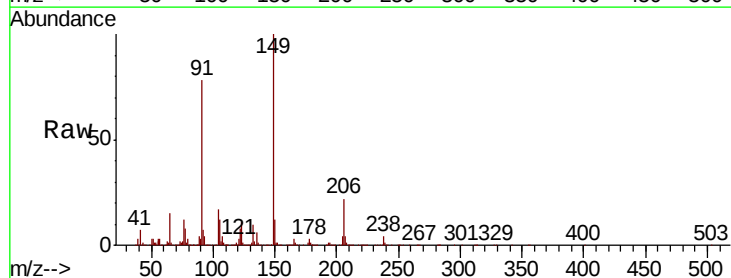
Tgt Ion:149 Resp: 375242

Ion Ratio Lower Upper

149 100

91 78.2 57.8 86.6

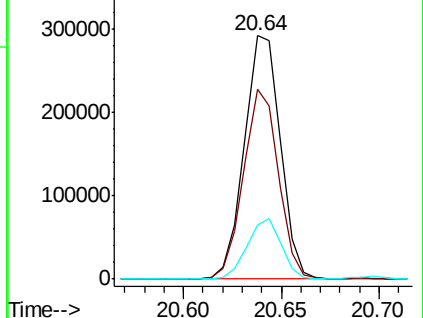
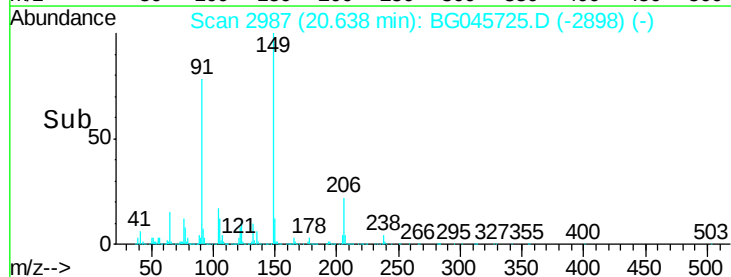
206 22.2 19.1 28.7

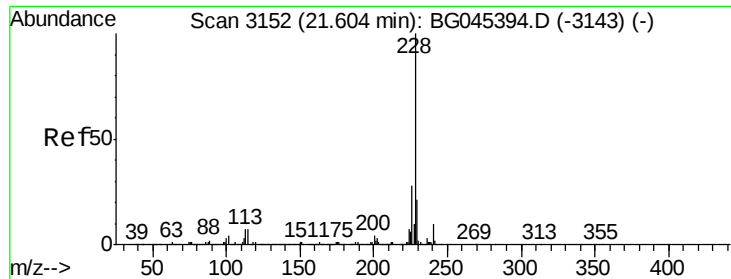


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.291 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

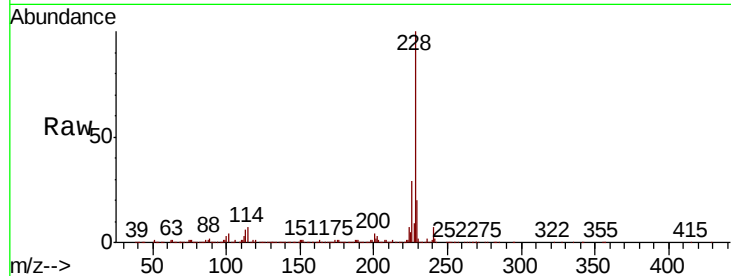
Tot Ion:228 Resp: 866548

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

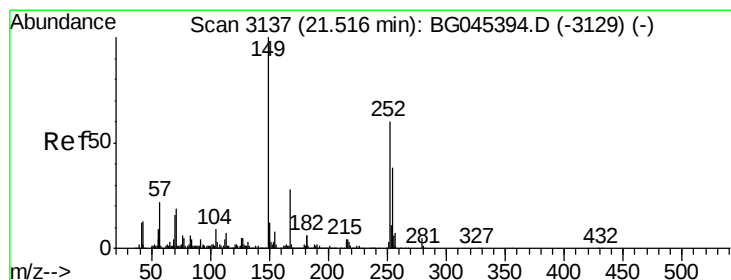
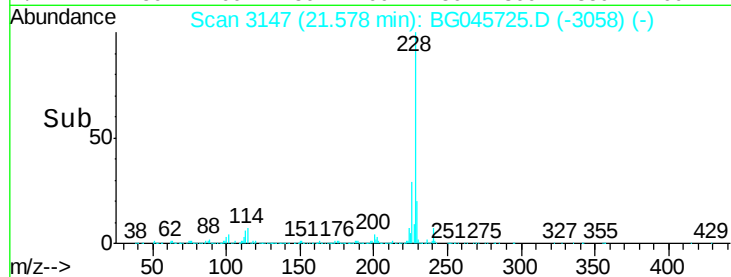
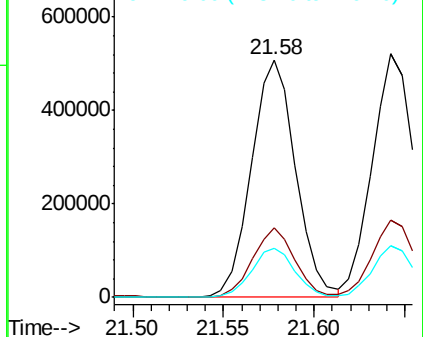
229 20.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.263 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

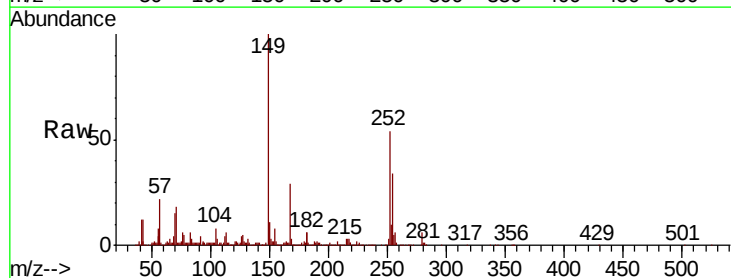
Tgt Ion:252 Resp: 277657

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

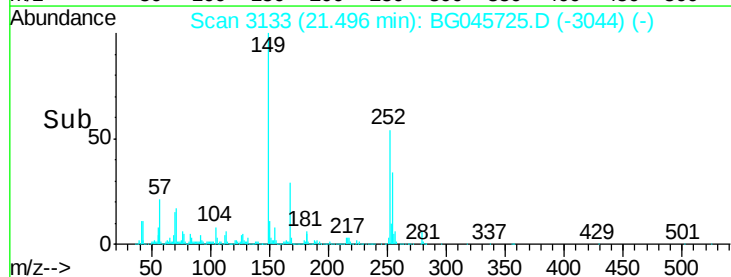
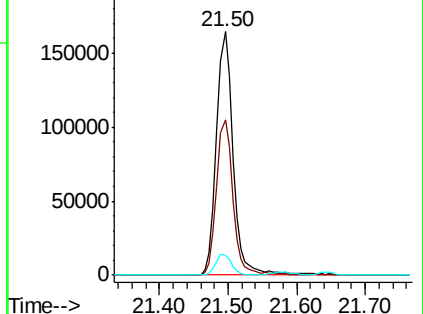
126 7.9 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.510 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

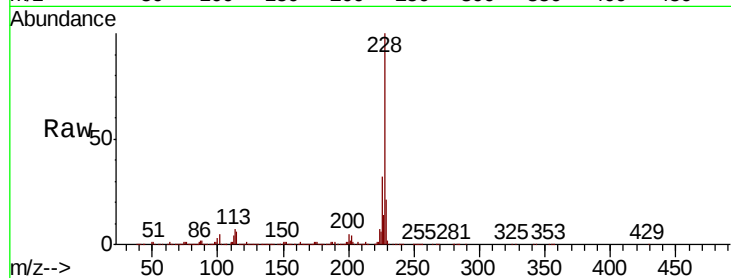
BNA_G

ClientSampleId :

PB129493BS

Tot Ion:228 Resp: 836922

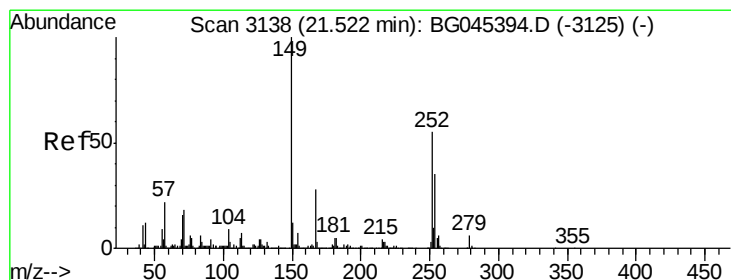
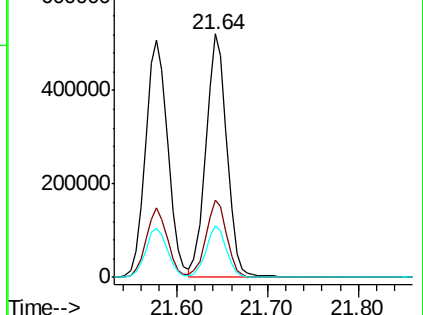
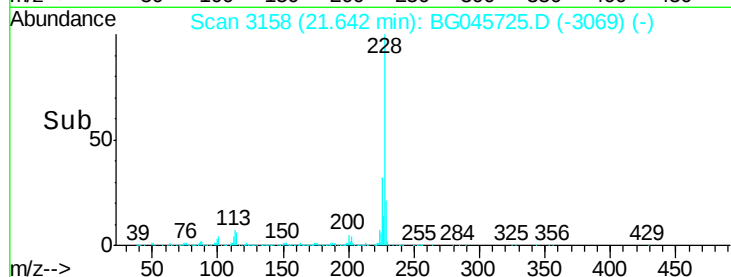
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	21.0	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.651 ng

RT: 21.49 min Scan# 3132

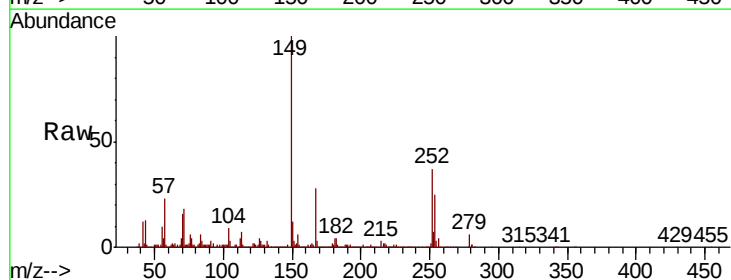
Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Tgt Ion:149 Resp: 519300

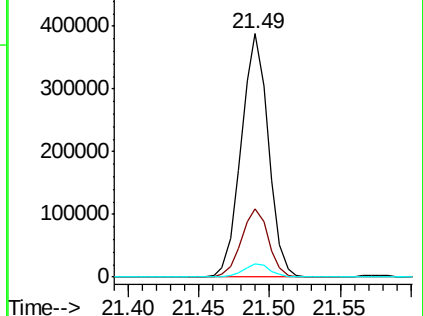
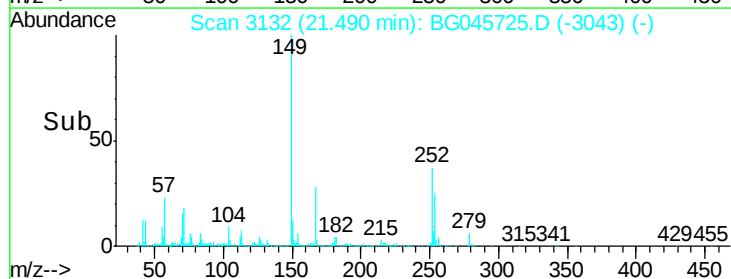
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	5.5	4.7	7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.101 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

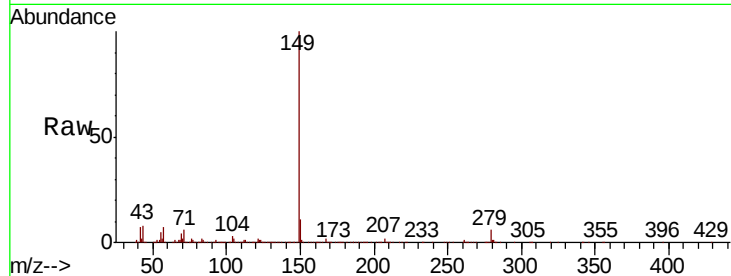
Tot Ion:149 Resp: 881831

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

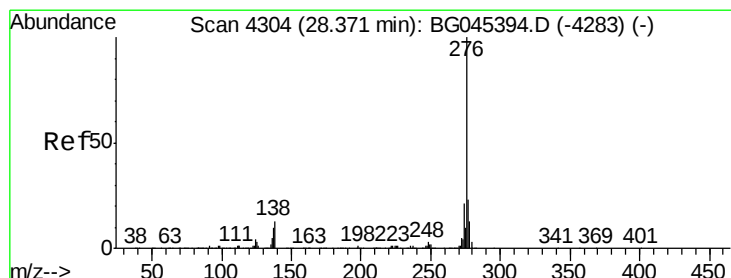
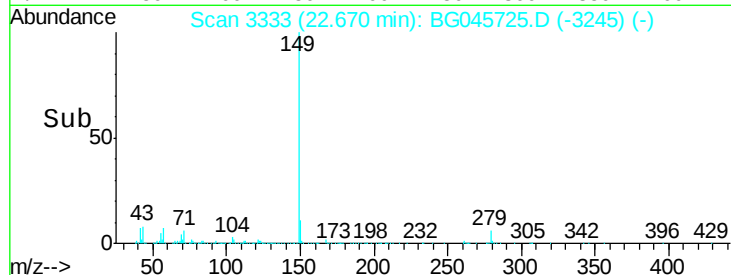
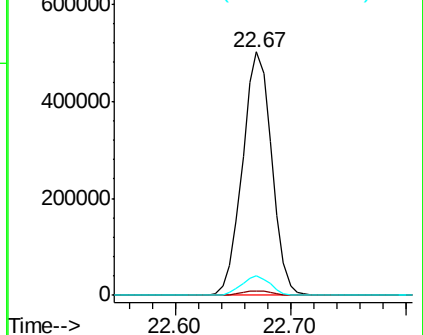
43 7.7 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.119 ng

RT: 28.30 min Scan# 4292

Delta R.T. -0.02 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

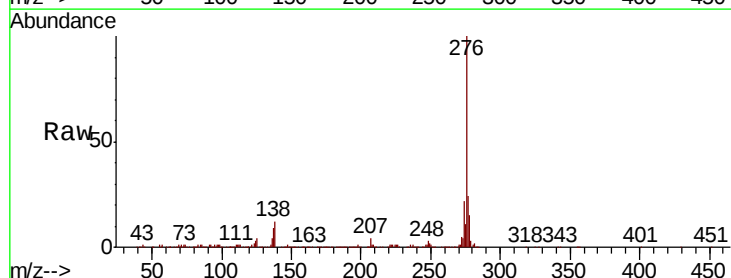
Tgt Ion:276 Resp: 1085792

Ion Ratio Lower Upper

276 100

138 5.8 8.6 12.8#

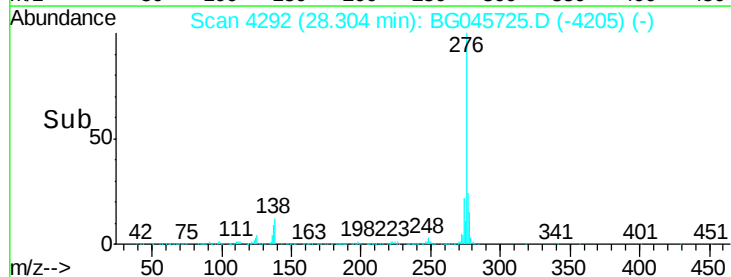
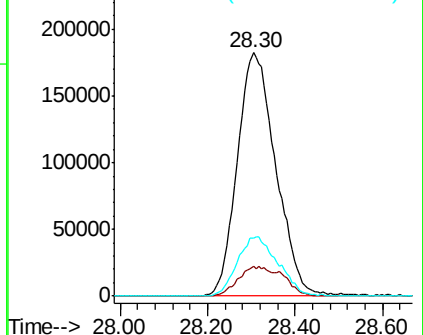
277 25.8 20.2 30.4

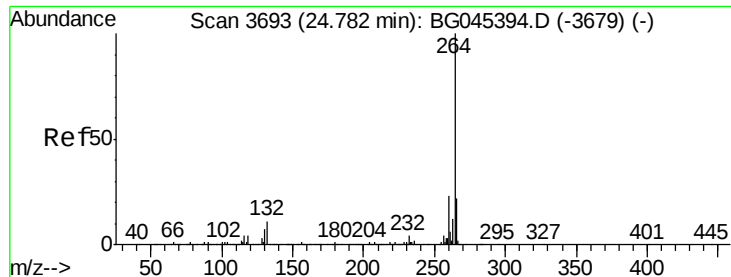


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

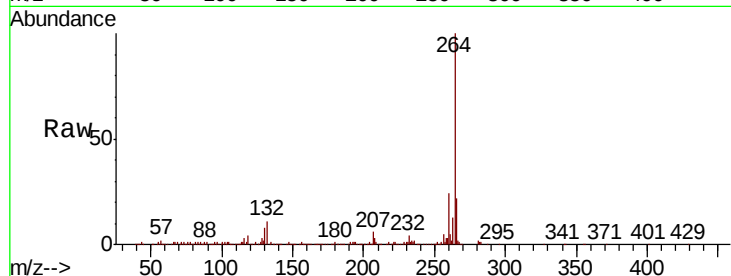




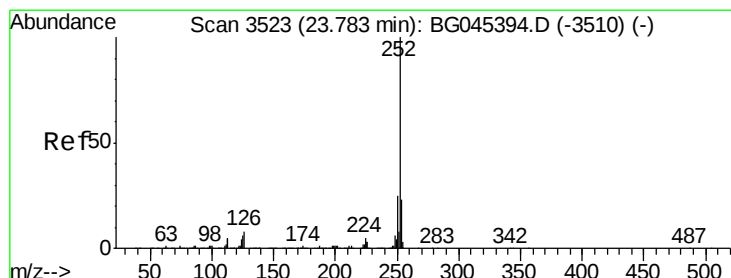
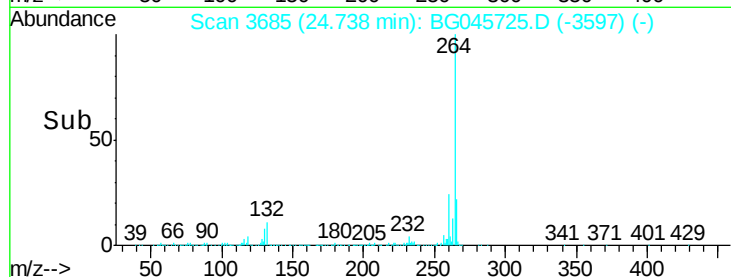
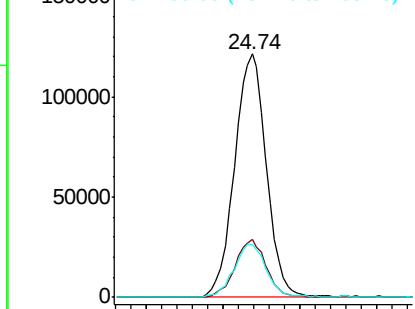
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion:264 Resp: 350280
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 21.9 17.6 26.4

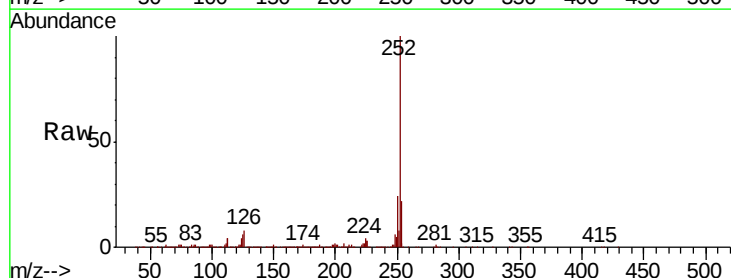


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

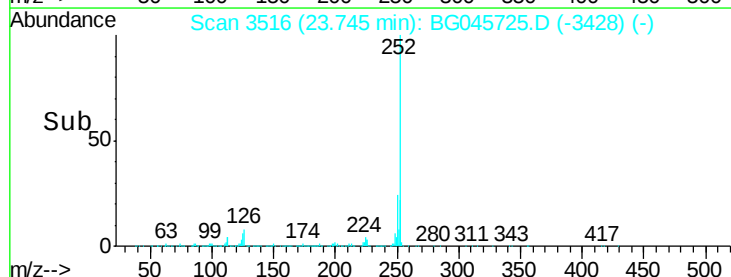
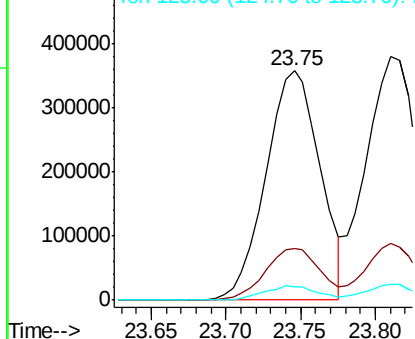


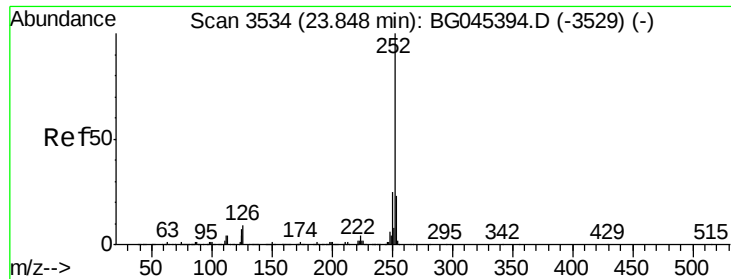
#88
Benzo(b)fluoranthene
Concen: 48.109 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion:252 Resp: 903765
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 5.8 5.0 7.6



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





#89

Benzo(k)fluoranthene

Concen: 52.823 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

PB129493BS

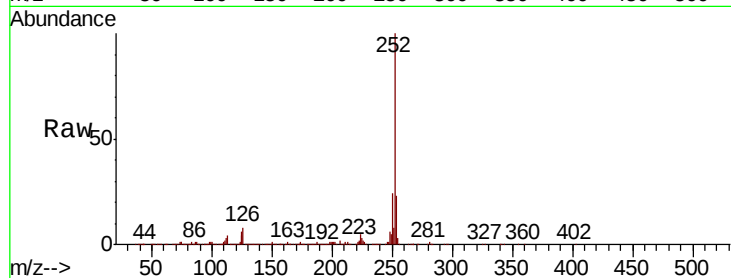
Tot Ion:252 Resp: 932274

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

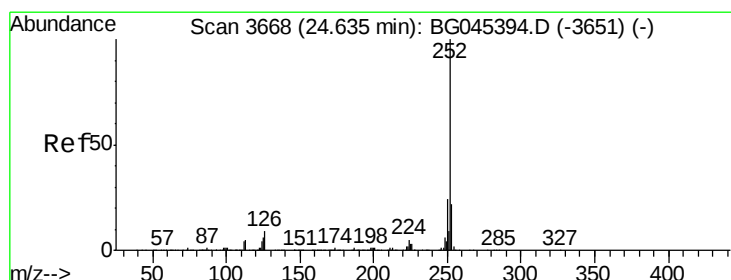
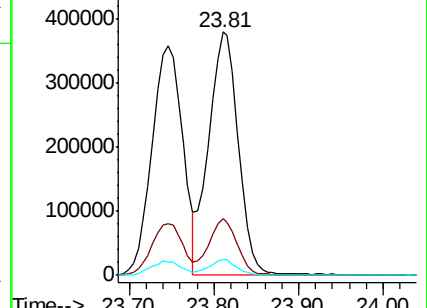
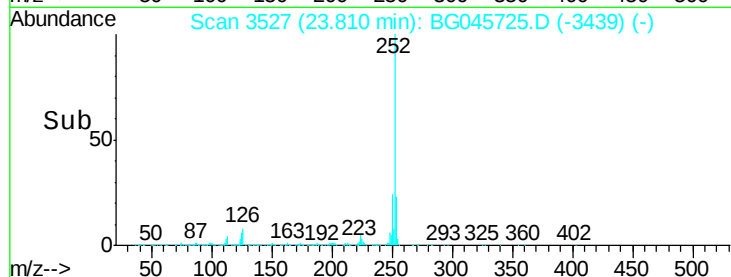
125 6.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.767 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

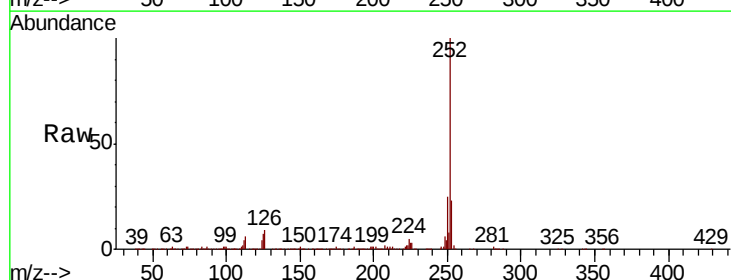
Tgt Ion:252 Resp: 853212

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

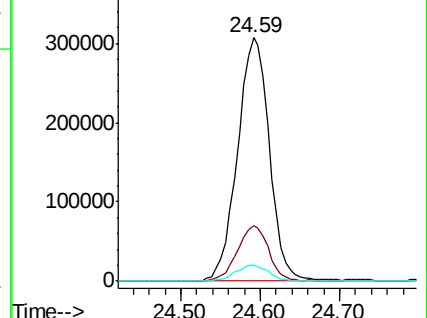
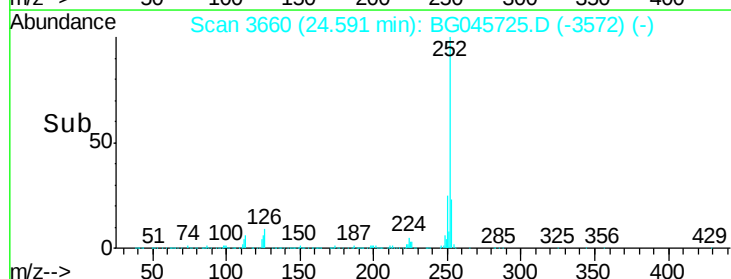
125 6.6 5.0 7.6

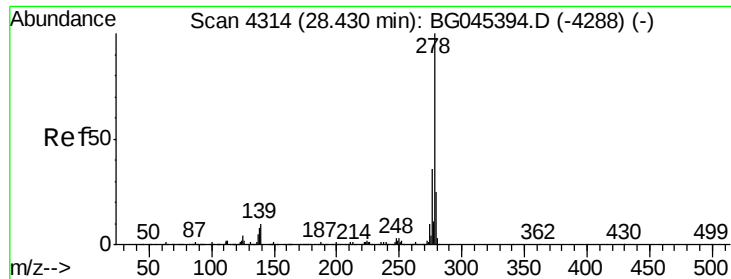


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

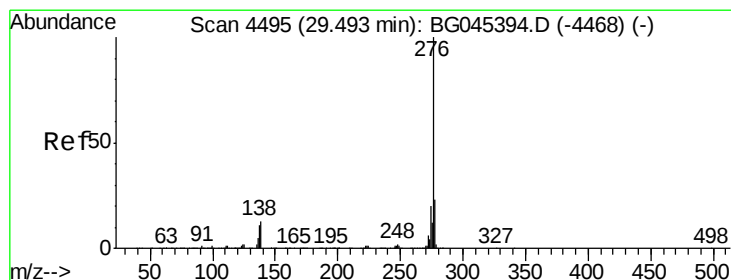
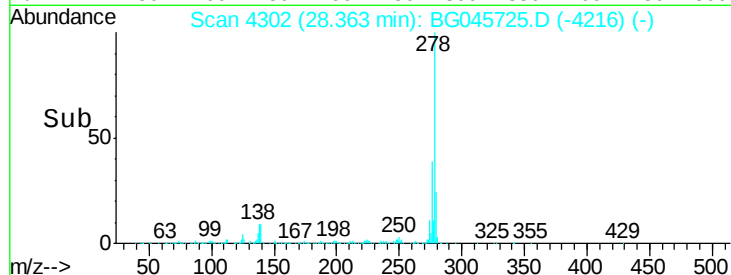
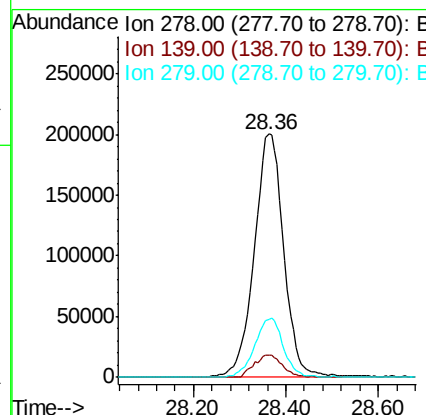
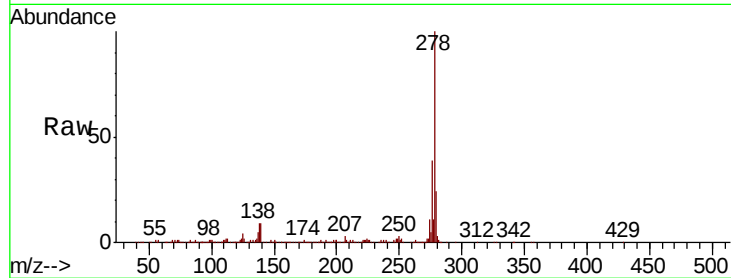




#91
Dibenzo(a,h)anthracene
Concen: 50.540 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.03 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 50.249 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.1	27.1
138	11.7	10.2	15.4

