

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

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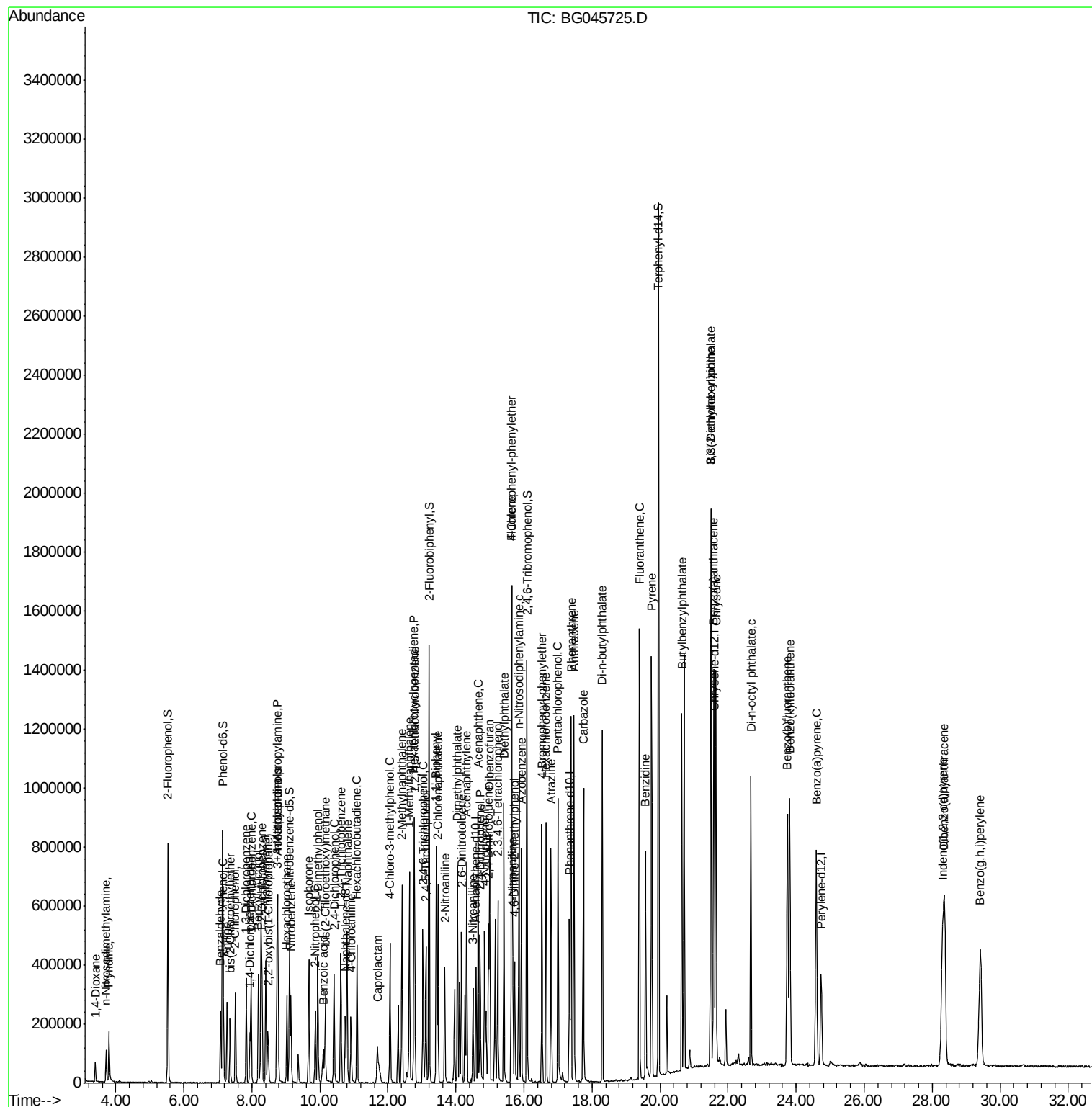
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	226793	95.170	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	138404	48.257	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	145907	44.518	ng	96
46) 1,1'-Biphenyl	13.42	154	440814	48.534	ng	99
47) 2-Chloronaphthalene	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

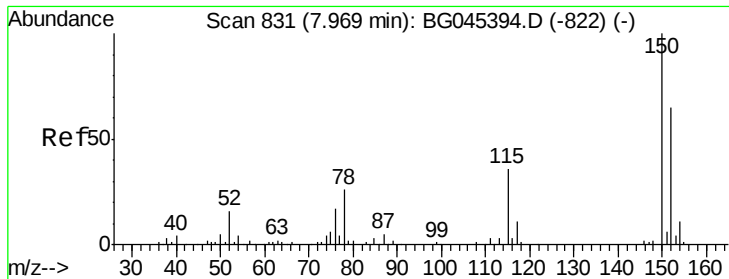
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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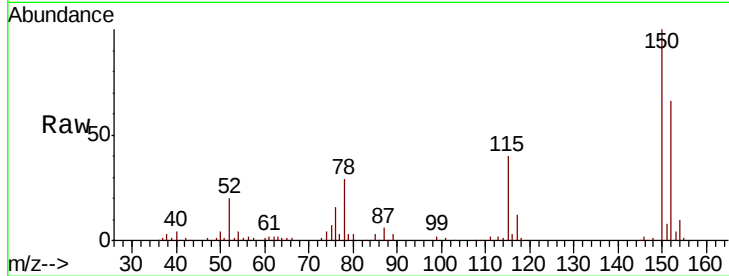


#1

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
ClientSampled :

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

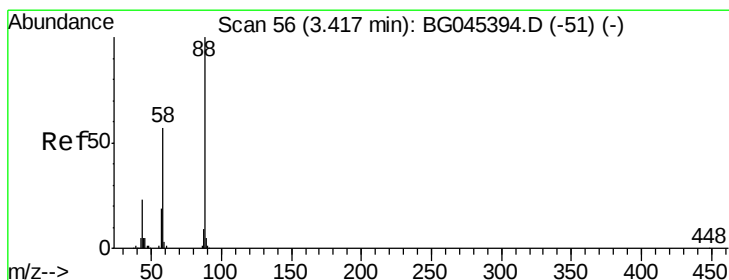
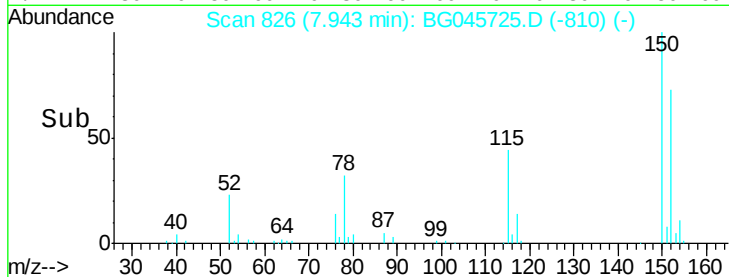
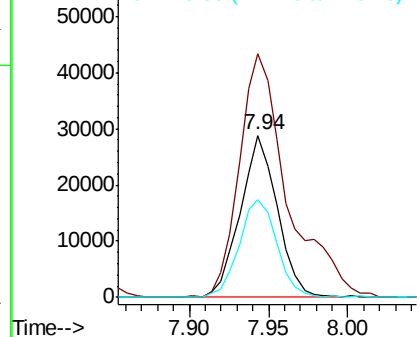


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

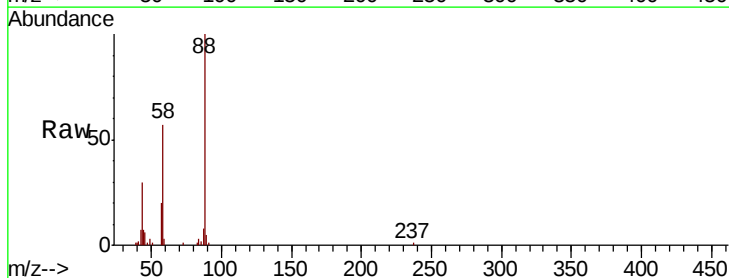
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	60.3	45.7	68.5
43	25.0	16.8	25.2

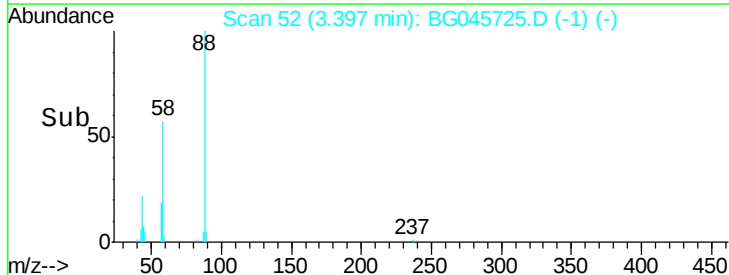
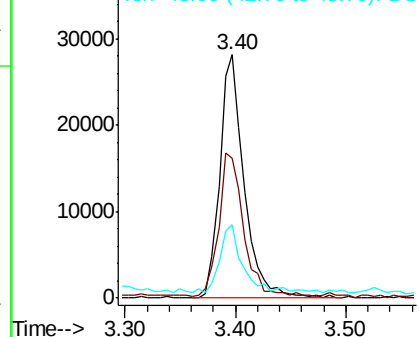


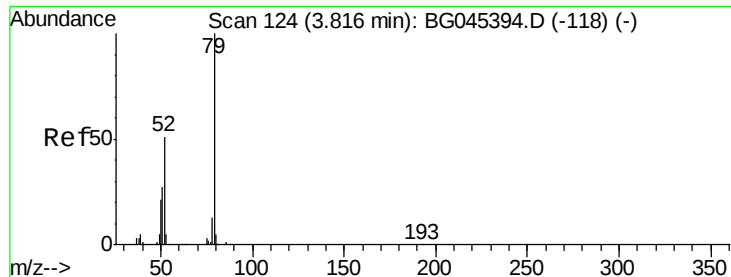
Abundance

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 :

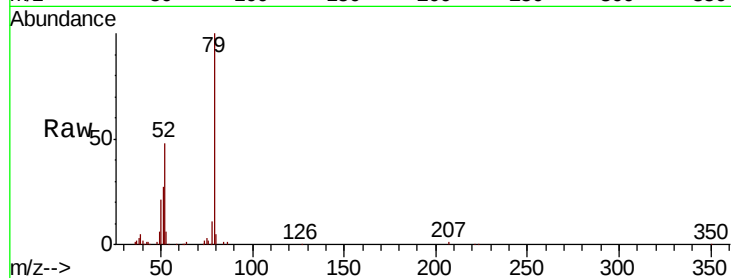
Tot Ion: 79 Resp: 125007

Ion Ratio Lower Upper

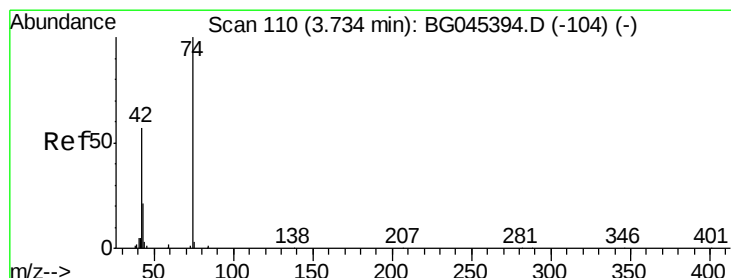
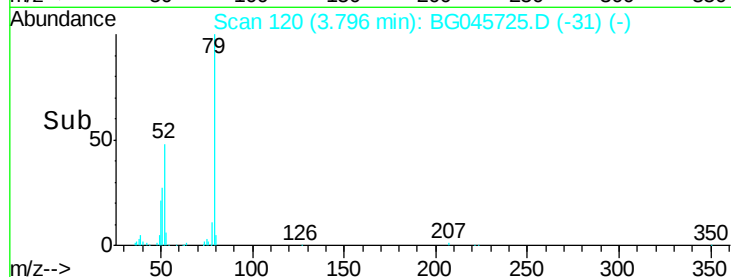
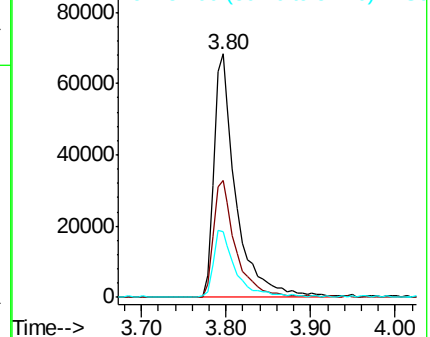
79 100

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

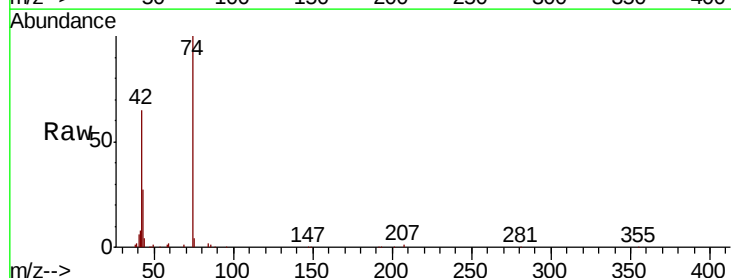
Tgt Ion: 42 Resp: 53259

Ion Ratio Lower Upper

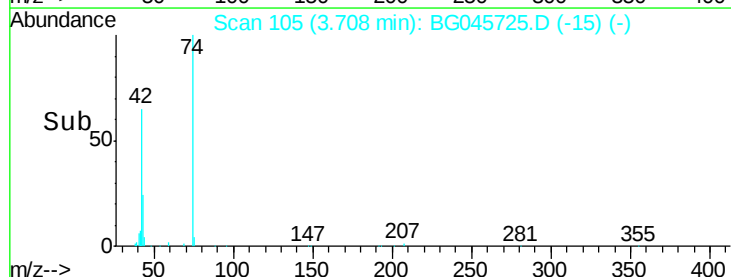
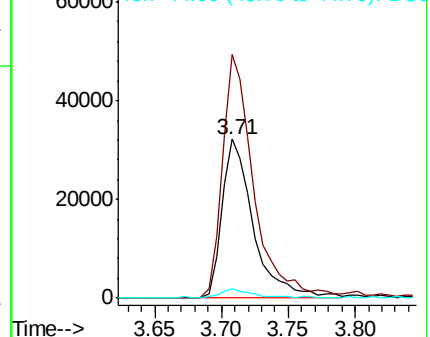
42 100

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

ClientSampled :

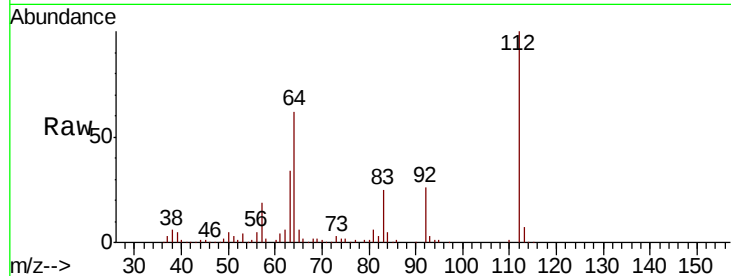
Tot Ion:112 Resp: 368563

Ion Ratio Lower Upper

112 100

64 62.4 48.6 72.8

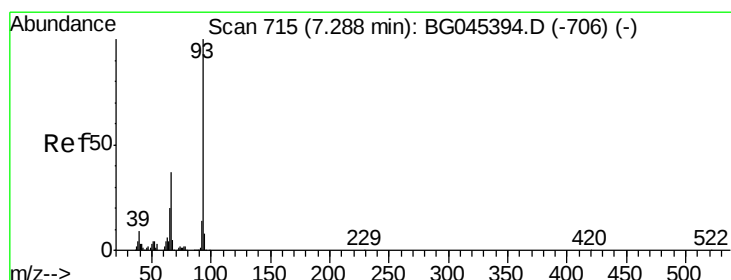
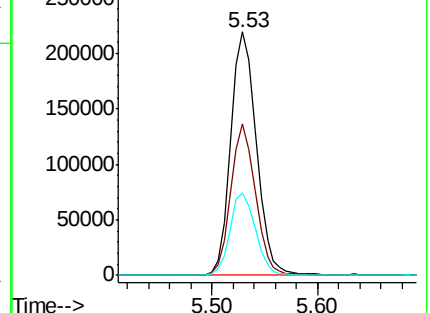
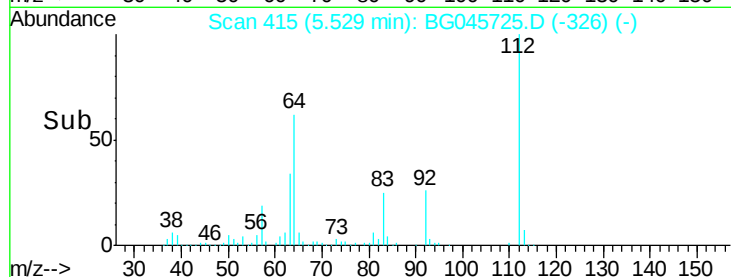
63 34.0 26.5 39.7



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

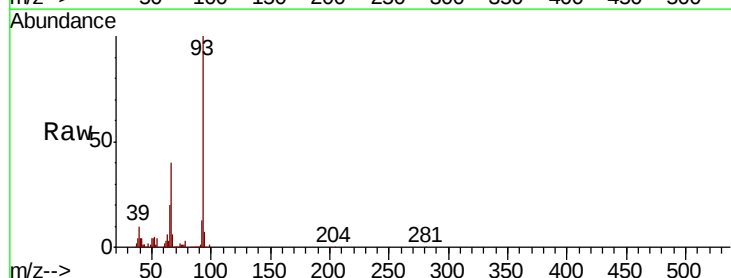
Tgt Ion: 93 Resp: 194762

Ion Ratio Lower Upper

93 100

66 40.0 29.6 44.4

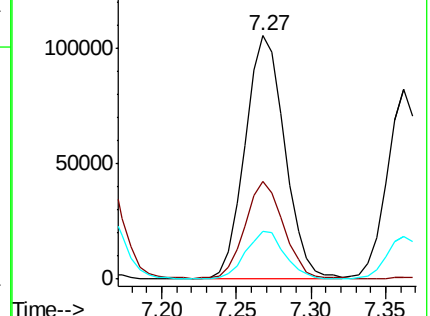
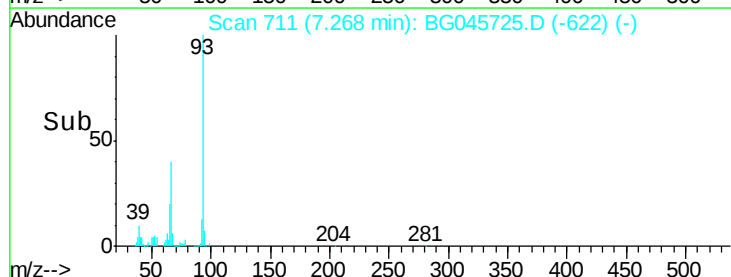
65 19.7 15.9 23.9



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

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ClientSampleId :

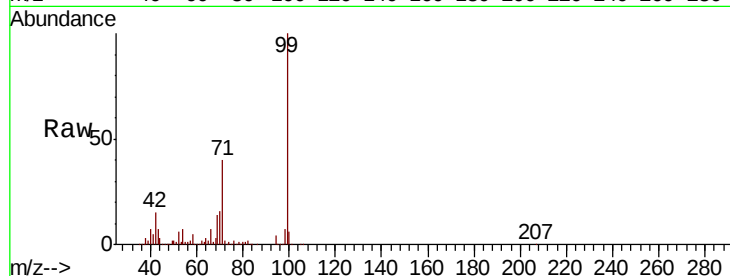
Tot Ion: 99 Resp: 536749

Ion Ratio Lower Upper

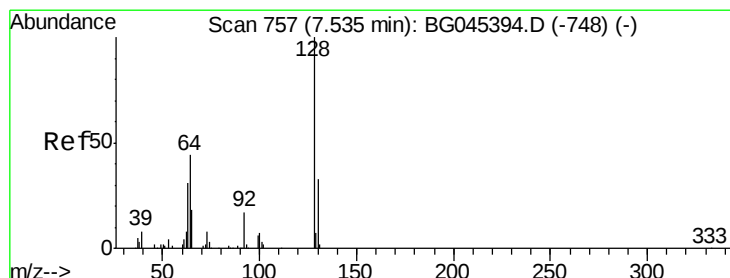
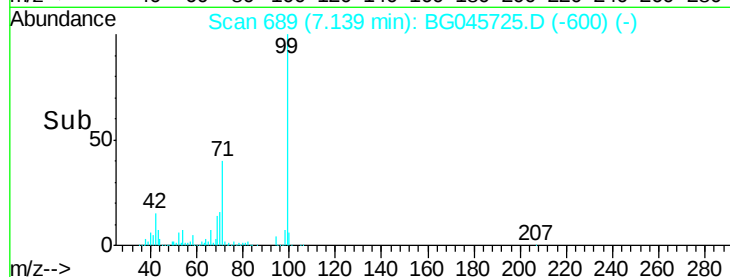
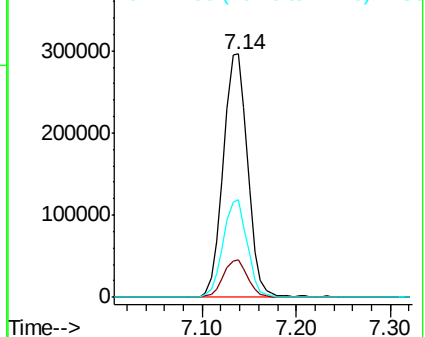
99 100

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

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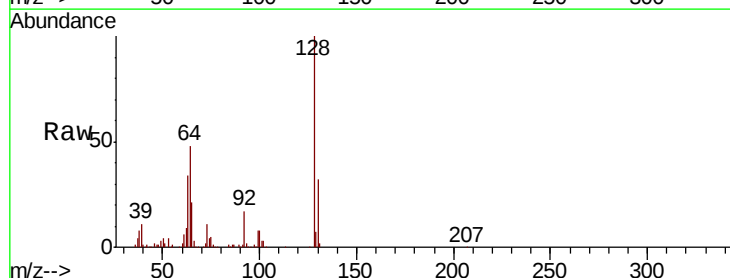
Tgt Ion:128 Resp: 141876

Ion Ratio Lower Upper

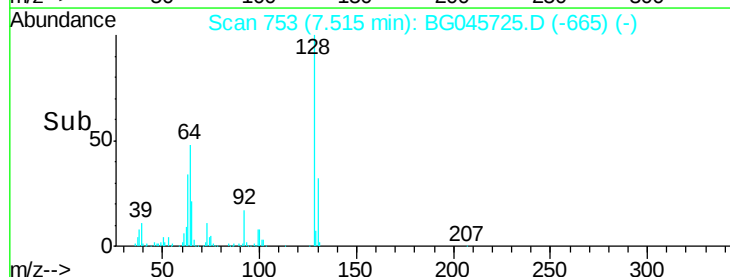
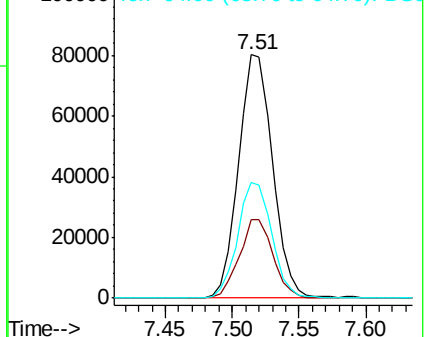
128 100

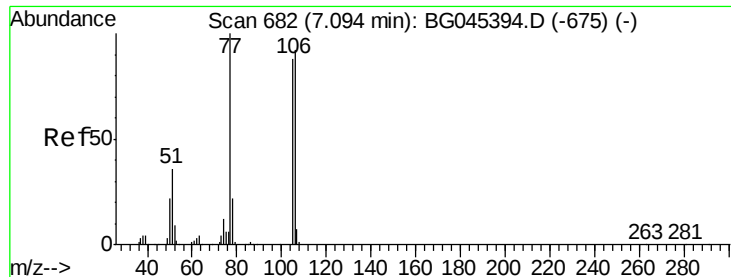
130 32.1 12.6 52.6

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

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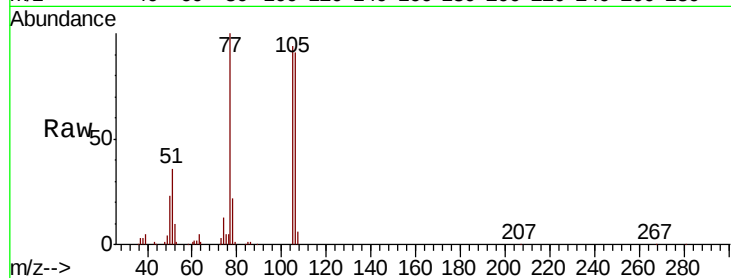
Tot Ion: 77 Resp: 102738

Ion Ratio Lower Upper

77 100

105 93.6 68.5 108.5

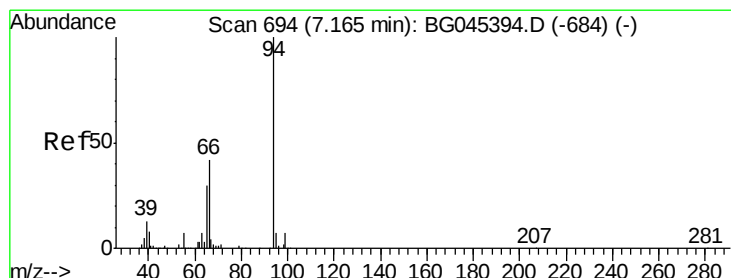
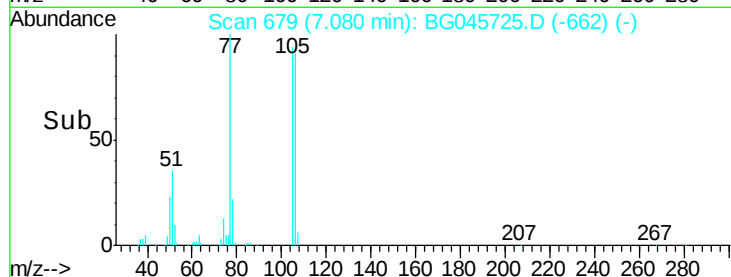
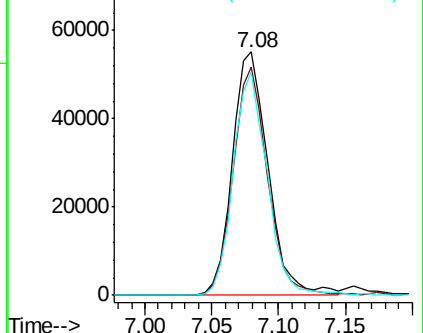
106 91.5 71.6 111.6



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

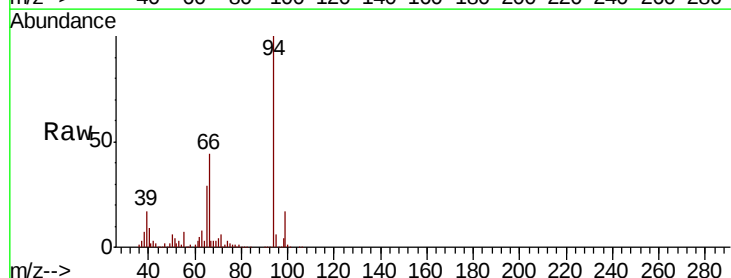
Tgt Ion: 94 Resp: 193119

Ion Ratio Lower Upper

94 100

65 28.6 9.8 49.8

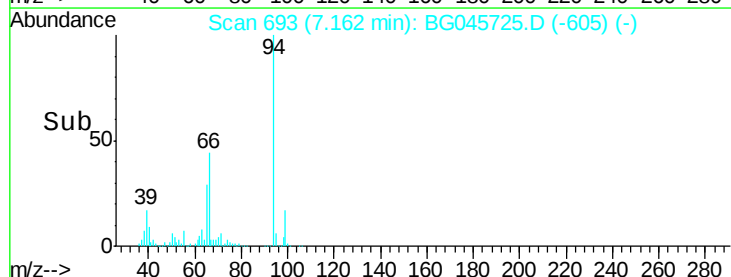
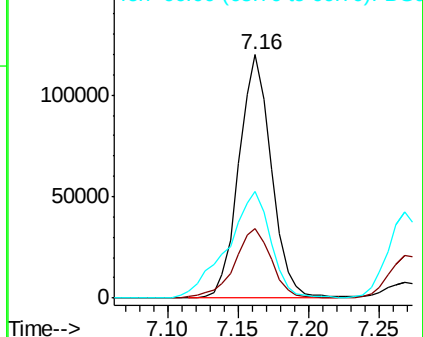
66 43.6 22.0 62.0

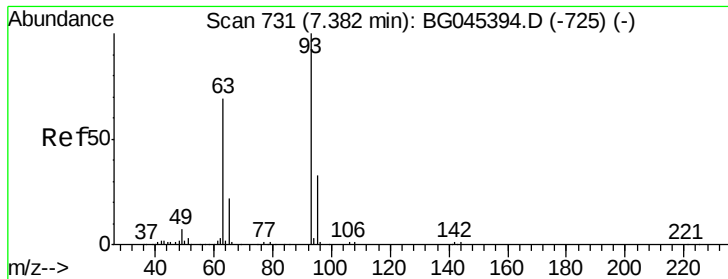


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

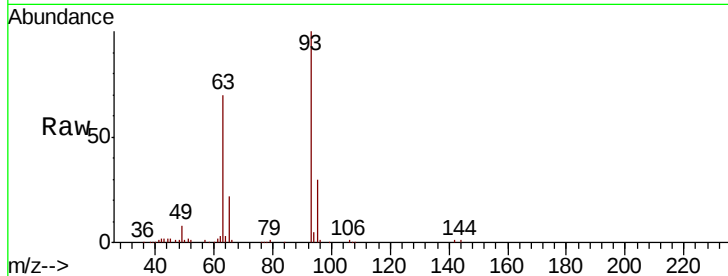




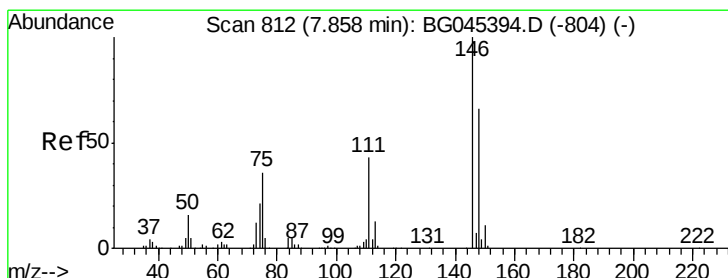
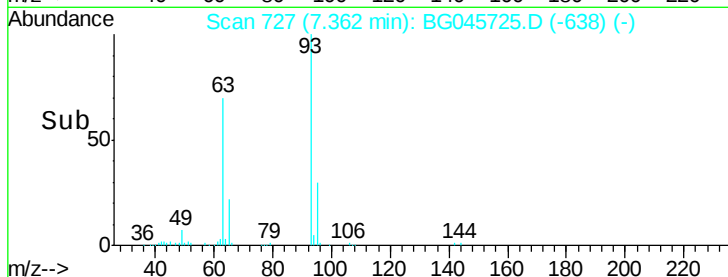
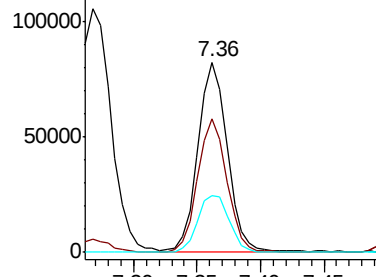
#11
bis(2-Chloroethyl)ether
Concen: 48.137 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampled :

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

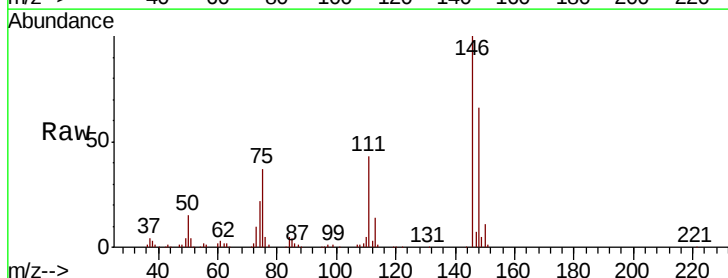


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

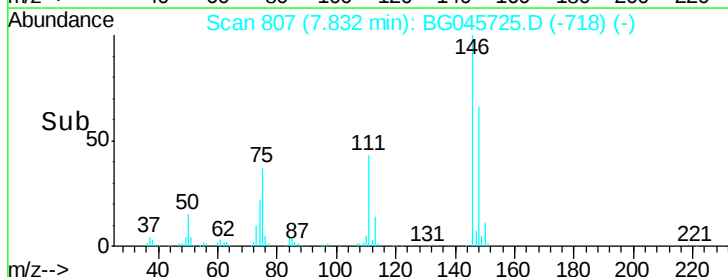
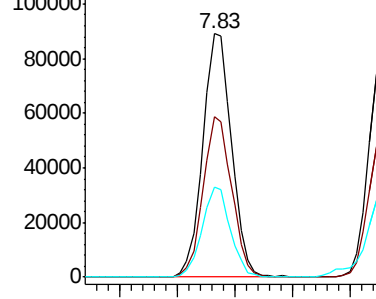


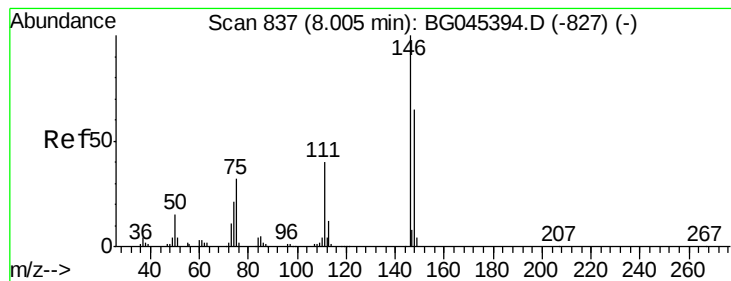
#12
1,3-Dichlorobenzene
Concen: 48.779 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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

ClientSampled :

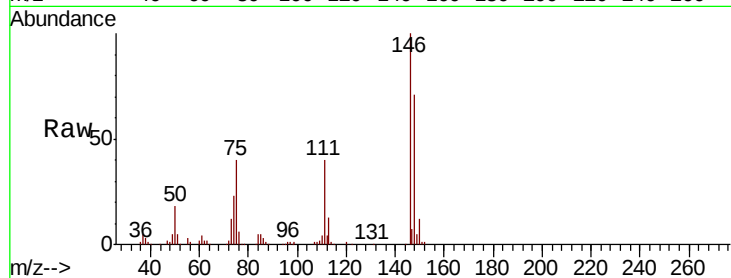
Tot Ion:146 Resp: 153710

Ion Ratio Lower Upper

146 100

148 70.7 51.8 77.8

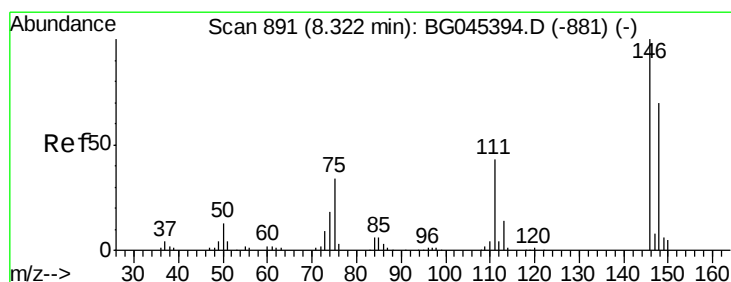
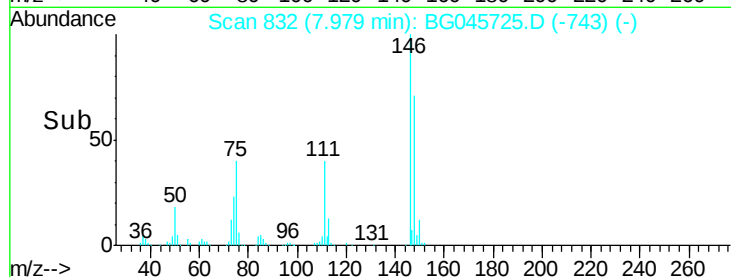
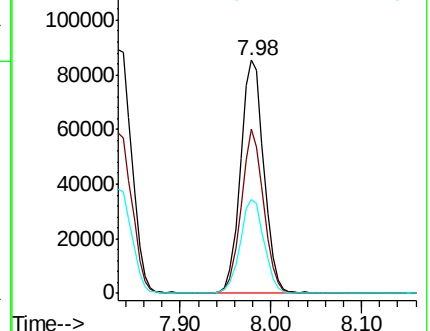
111 40.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

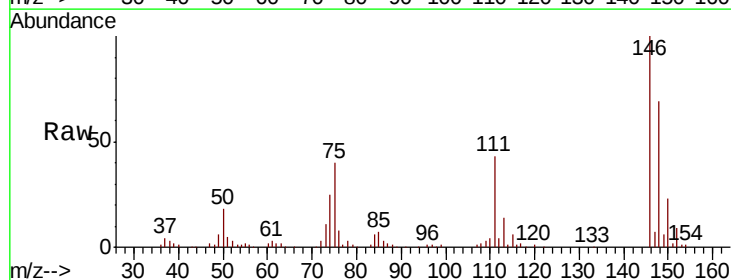
Tgt Ion:146 Resp: 140436

Ion Ratio Lower Upper

146 100

148 68.6 55.9 83.9

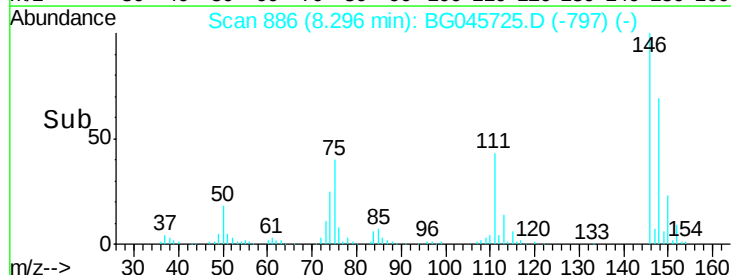
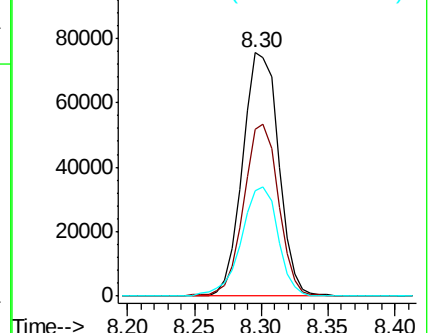
111 43.4 35.0 52.4

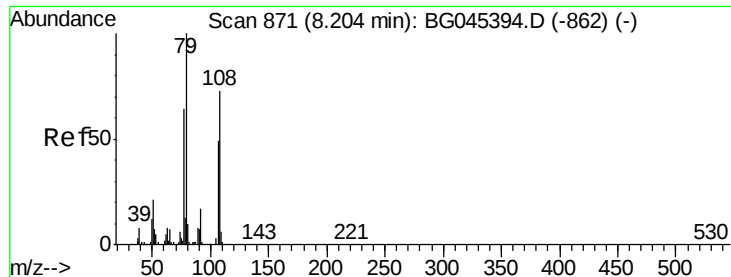


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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 :

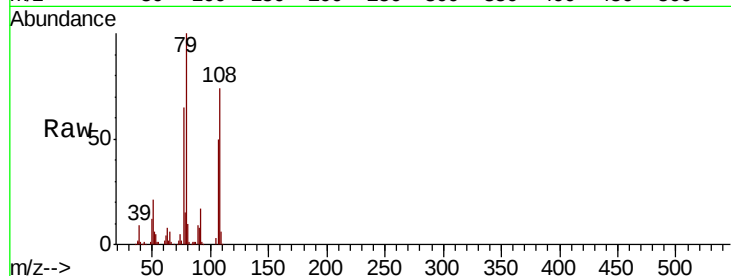
Tot Ion: 79 Resp: 146605

Ion Ratio Lower Upper

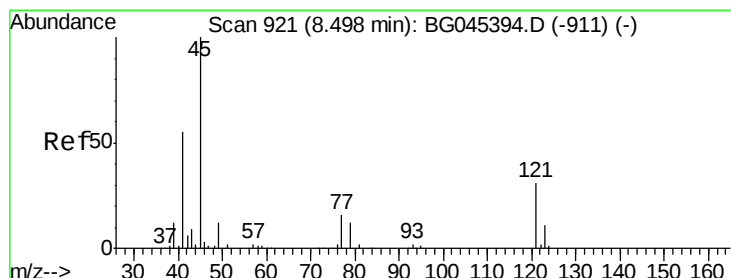
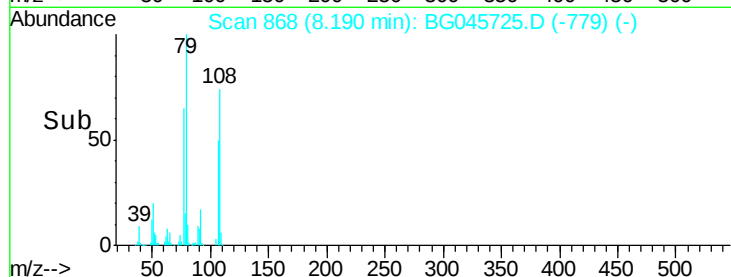
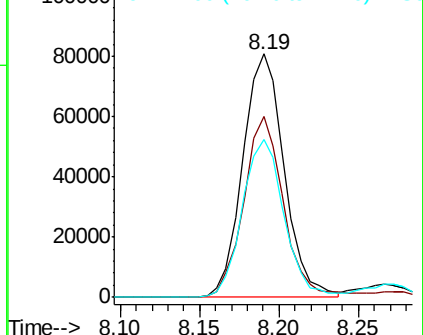
79 100

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

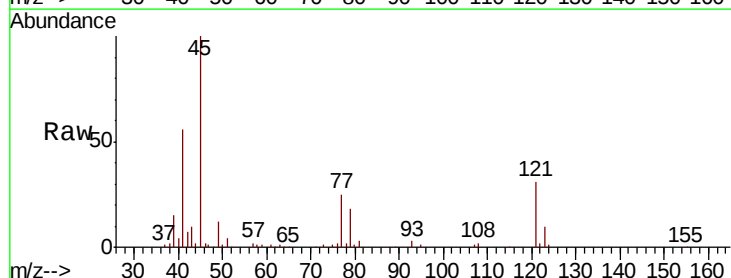
Tgt Ion: 45 Resp: 127934

Ion Ratio Lower Upper

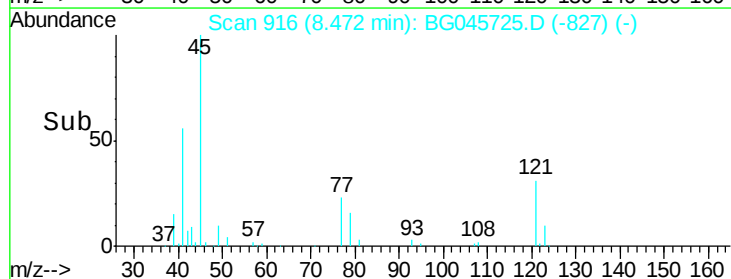
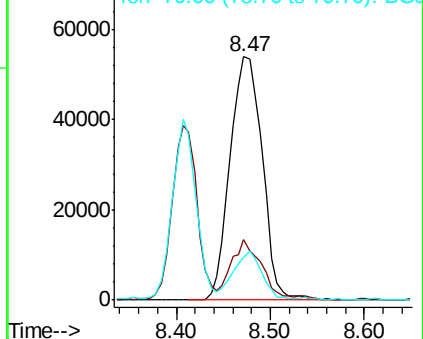
45 100

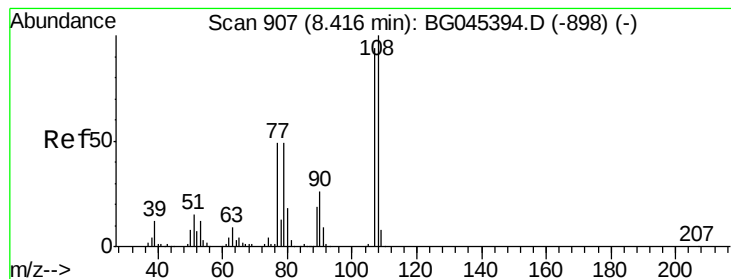
77 25.1 4.0 44.0

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

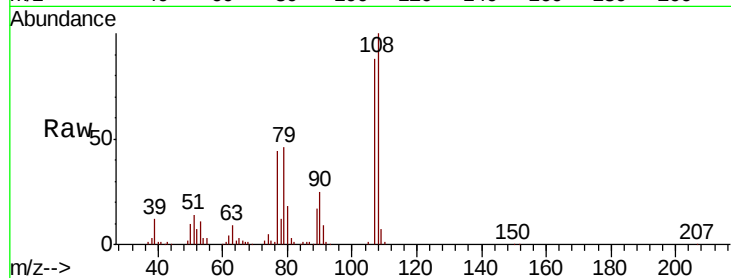




#17
2-Methylphenol
Concen: 49.474 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tot 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



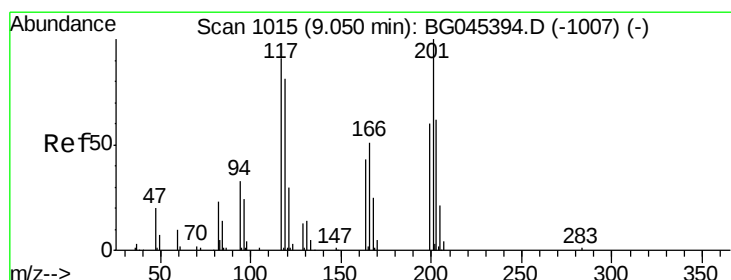
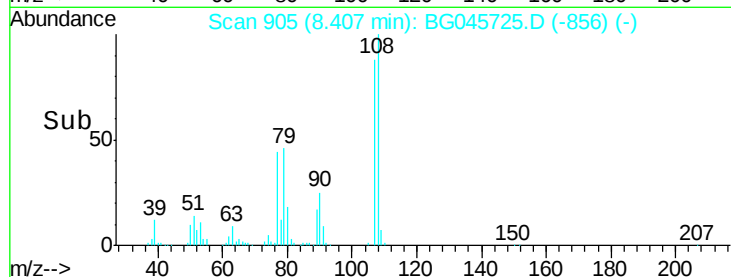
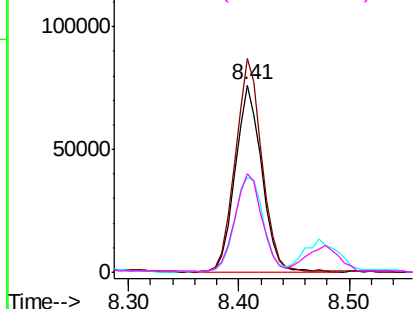
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

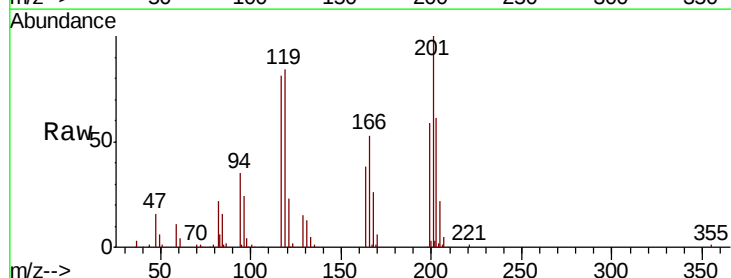
Ion 77.00 (76.70 to 77.70): BG

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	Ratio	Lower	Upper
117	100		
119	102.9	71.3	106.9
201	123.1	87.5	131.3

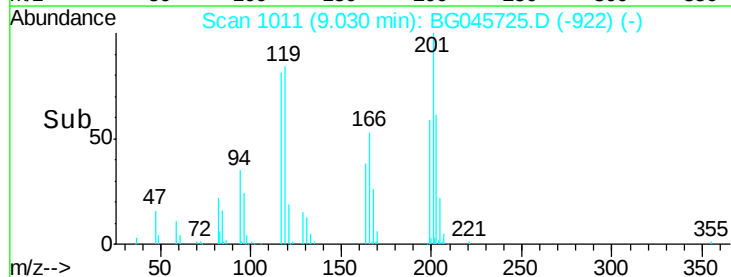
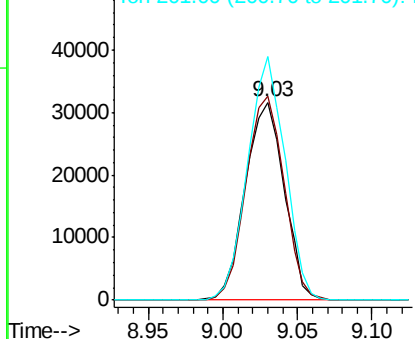


Abundance

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

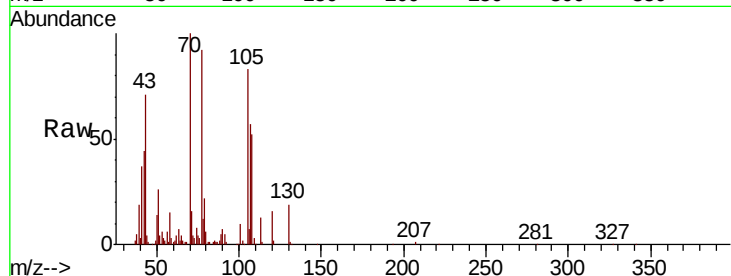




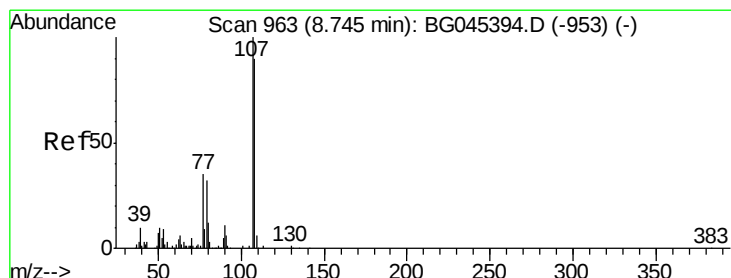
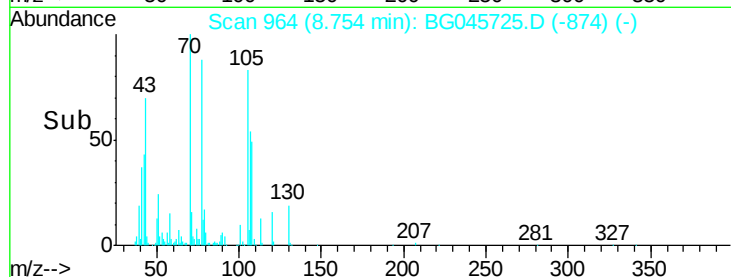
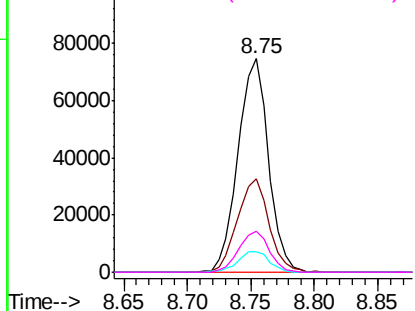
#19
n-Nitroso-di-n-propylamine
Concen: 52.992 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampled :

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

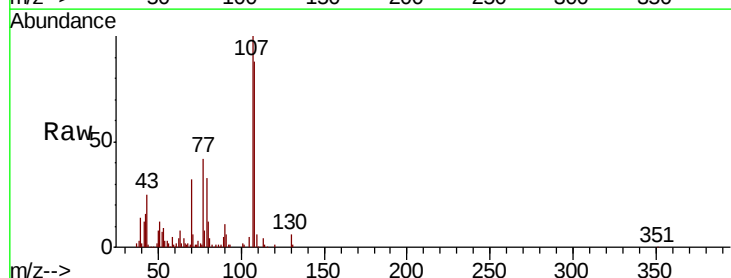


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

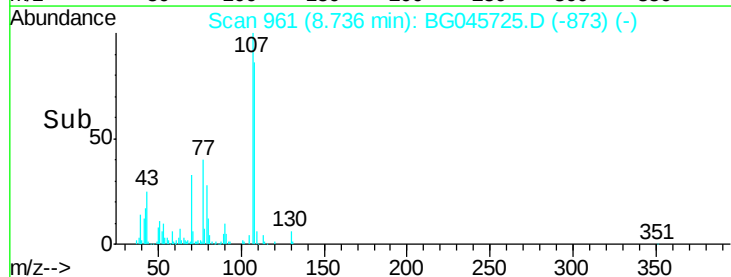
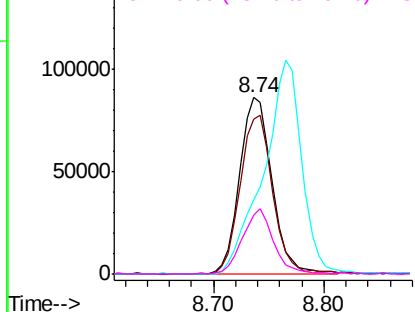


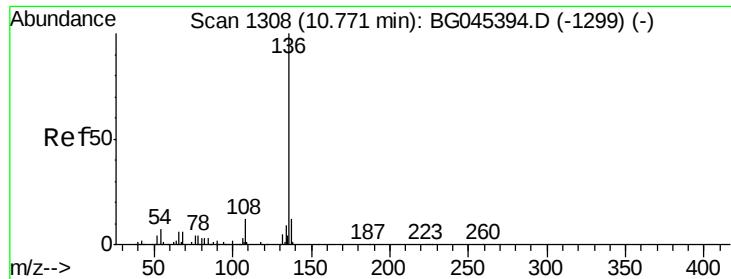
#20
3+4-Methylphenols
Concen: 49.919 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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



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

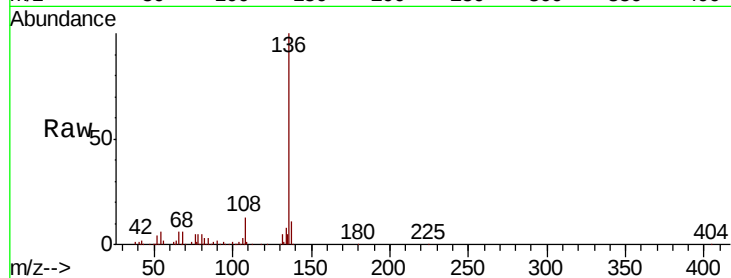




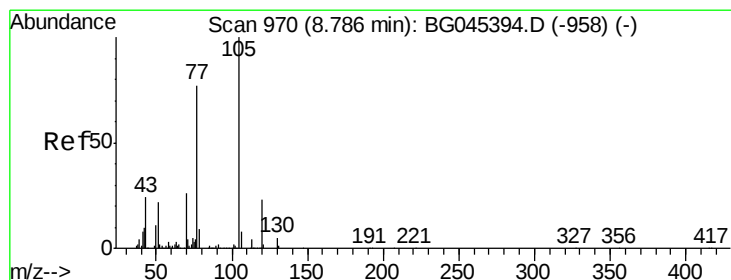
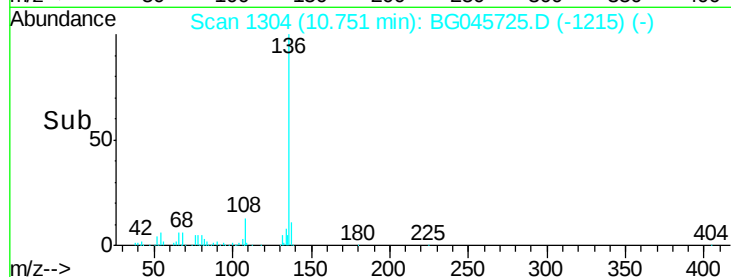
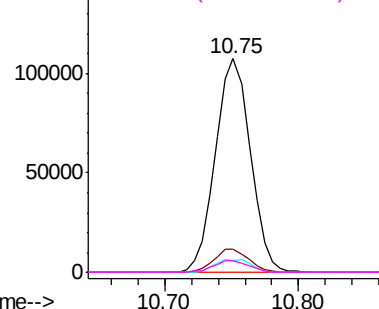
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

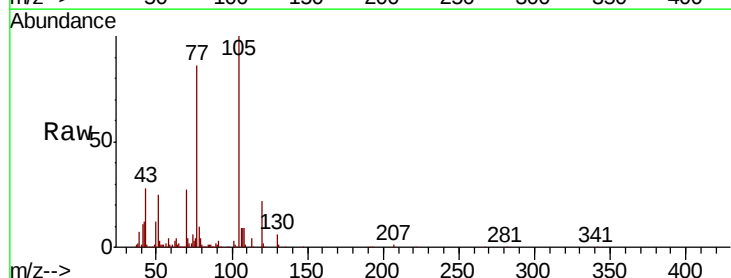


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

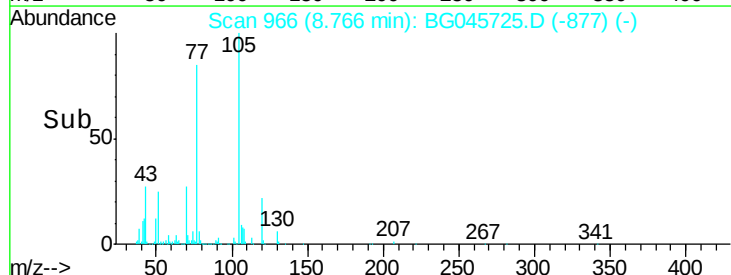
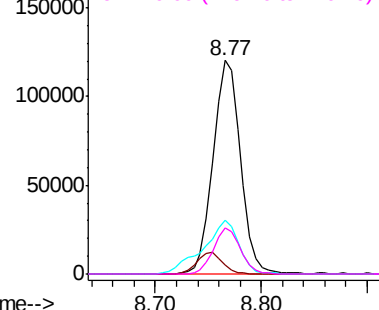


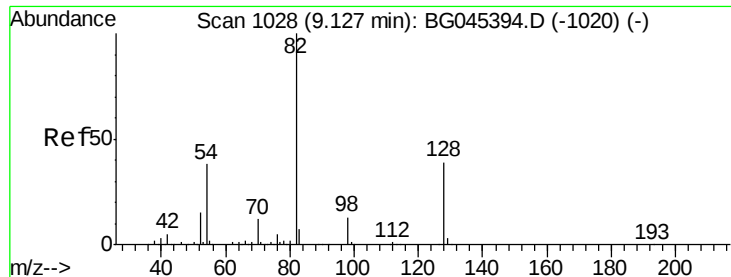
#22
Acetophenone
Concen: 46.887 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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

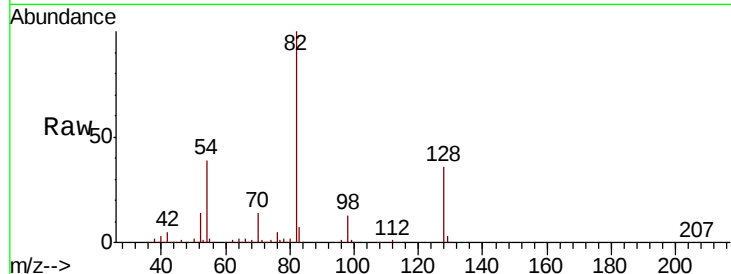




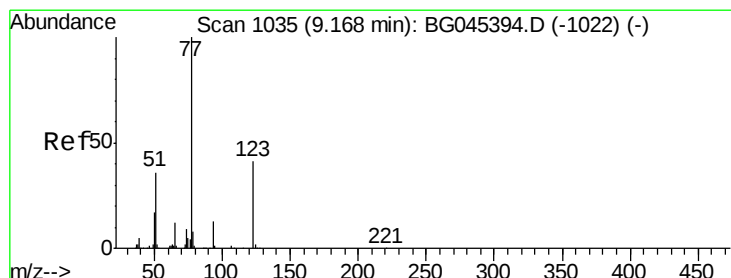
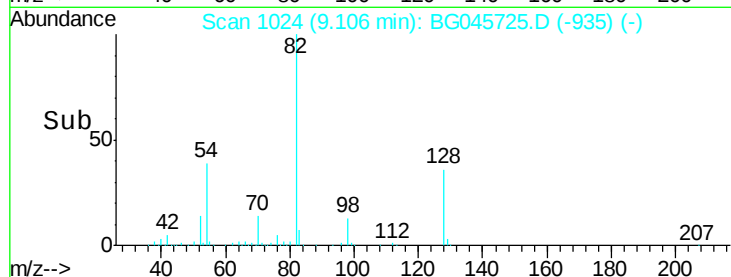
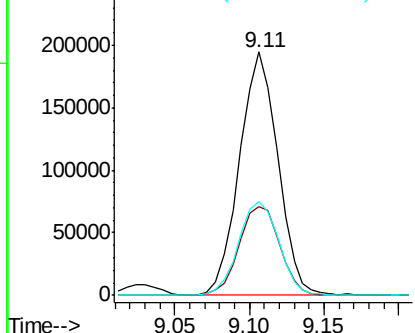
#23
Nitrobenzene-d5
Concen: 96.762 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

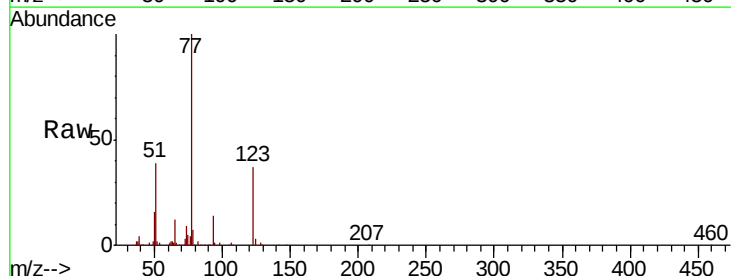


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

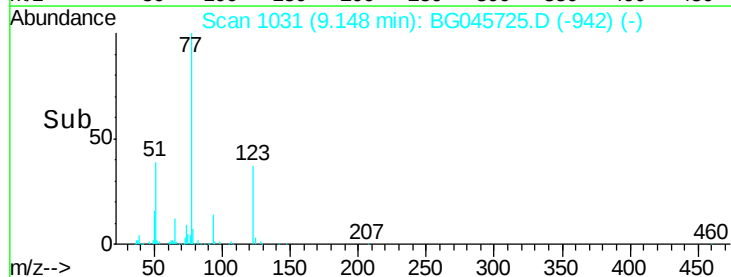
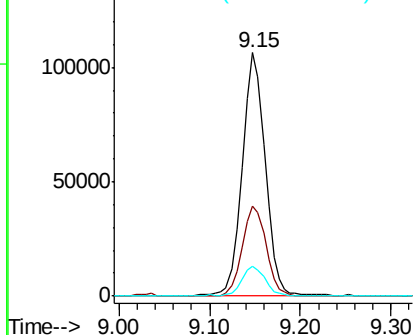


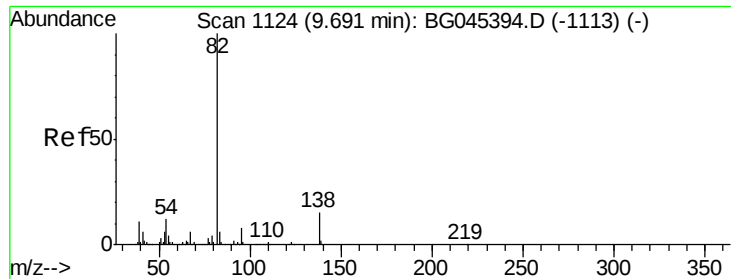
#24
Nitrobenzene
Concen: 49.313 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Tgt Ion	77	Resp	189218
Ion Ratio	100	Lower	Upper
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

ClientSampled :

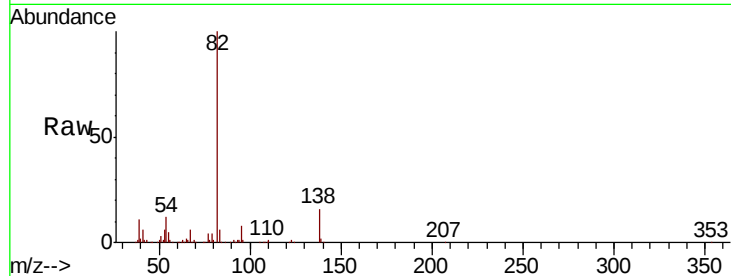
Tot Ion: 82 Resp: 348906

Ion Ratio Lower Upper

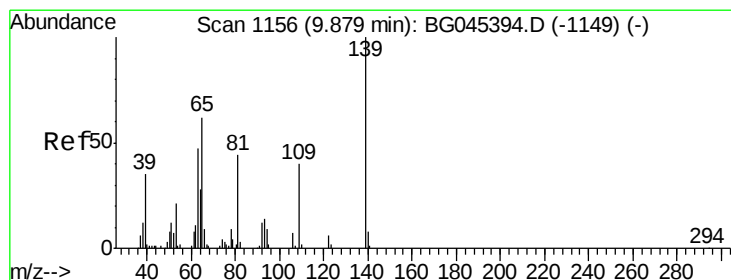
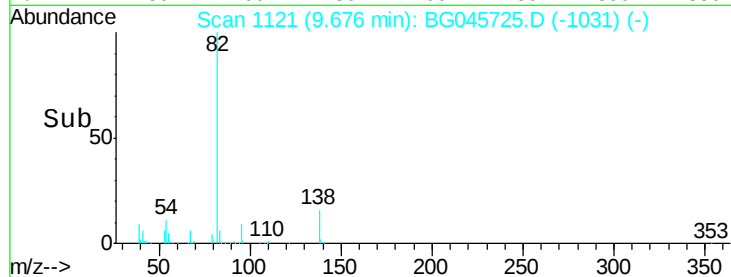
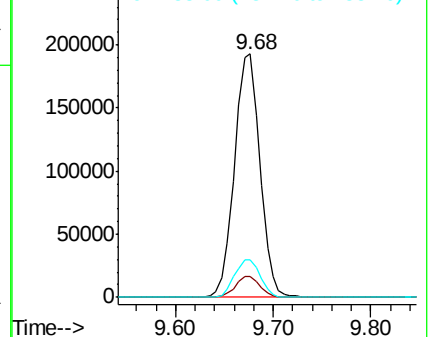
82 100

95 8.5 6.7 10.1

138 15.6 12.2 18.4



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



#26

2-Nitrophenol

Concen: 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

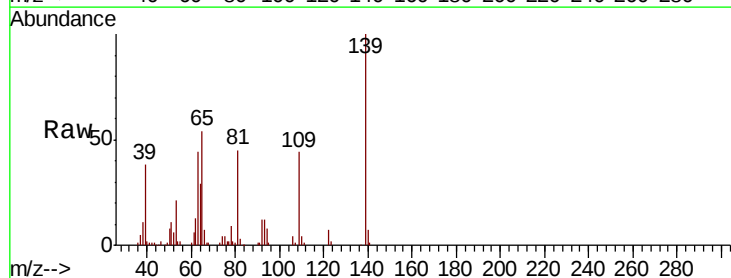
Tgt Ion: 139 Resp: 82589

Ion Ratio Lower Upper

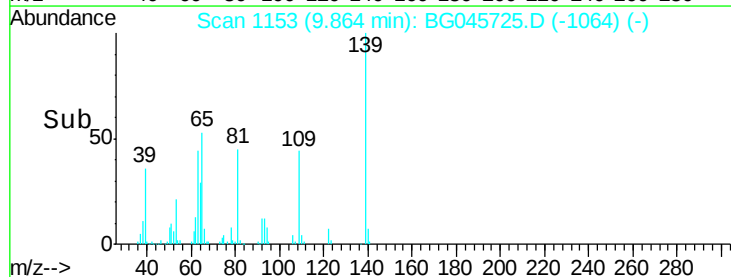
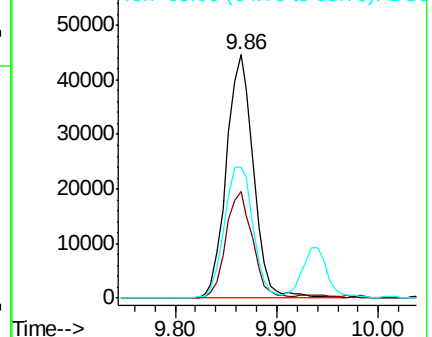
139 100

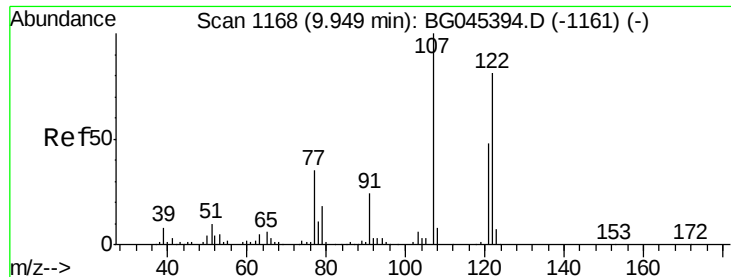
109 43.7 32.2 48.4

65 53.6 49.6 74.4



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

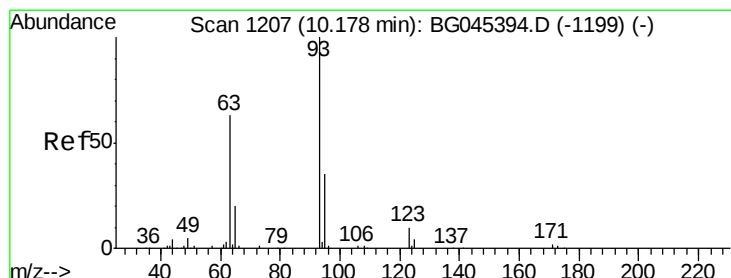
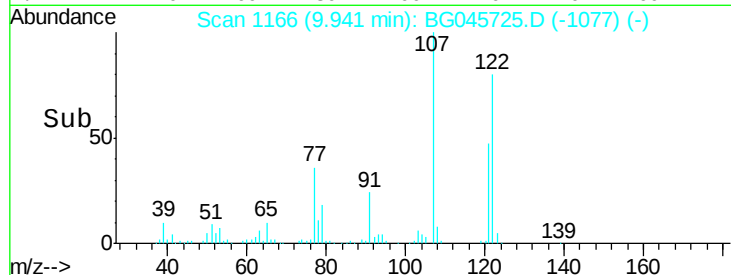
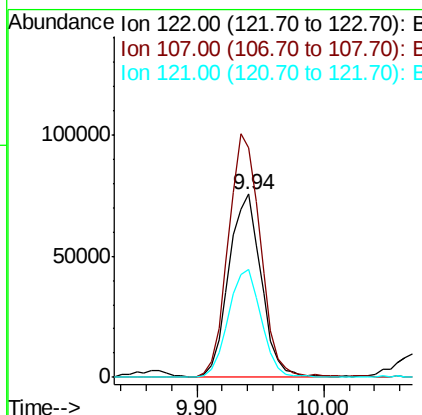
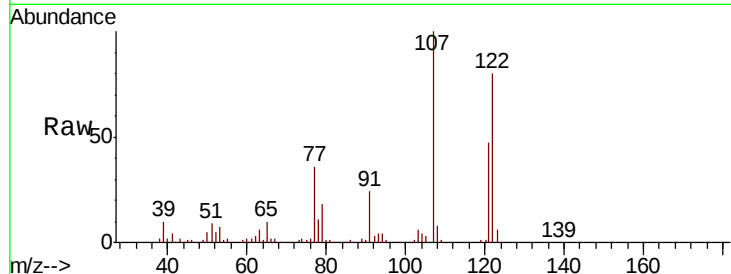




#27
 2,4-Dimethylphenol
 Concen: 54.448 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

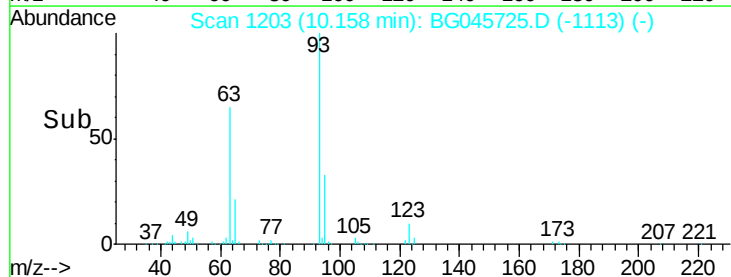
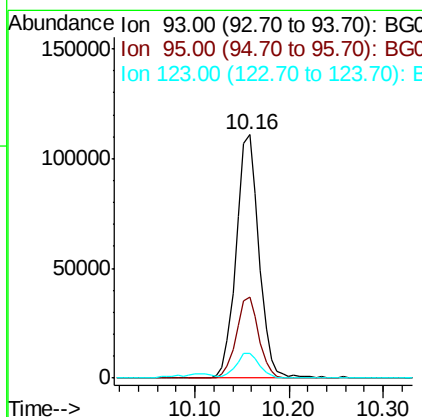
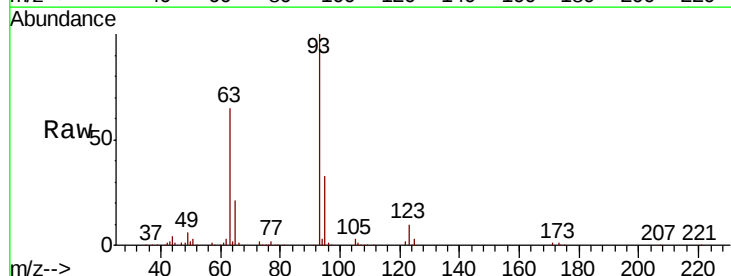
Instrument :
 BNA_G
 ClientSampled :

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 :

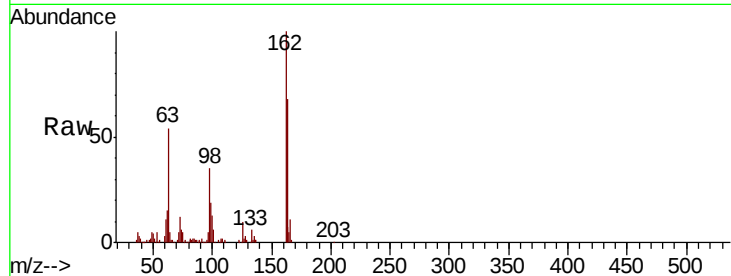
Tot Ion:162 Resp: 148937

Ion Ratio Lower Upper

162 100

164 68.4 46.8 86.8

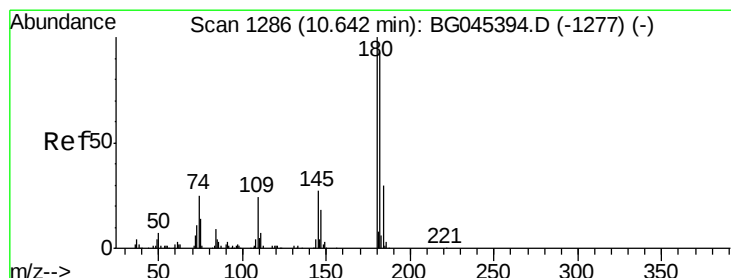
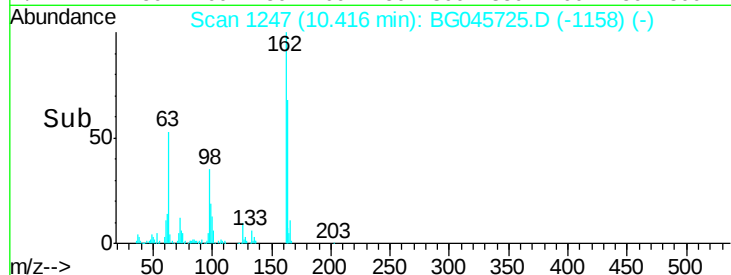
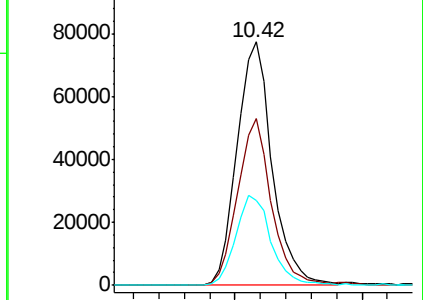
98 34.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 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

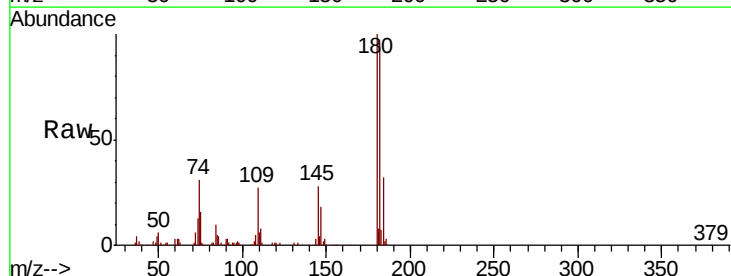
Tgt Ion:180 Resp: 161922

Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

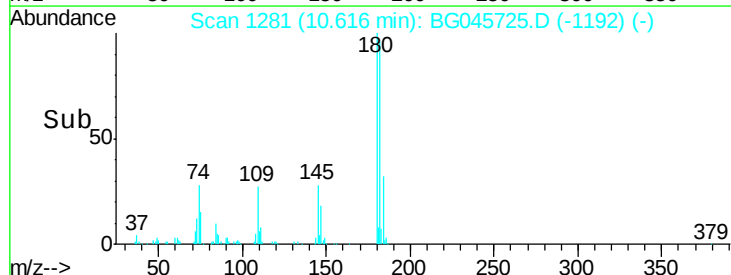
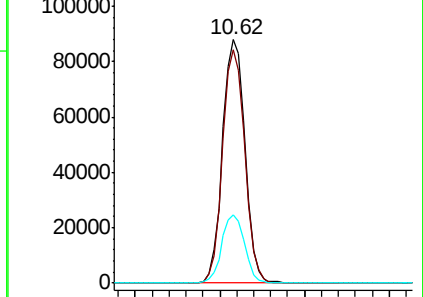
145 27.8 21.9 32.9

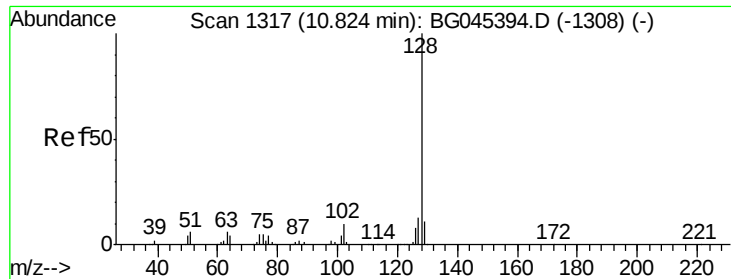


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

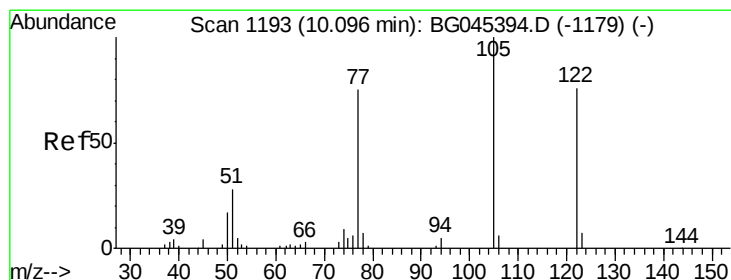
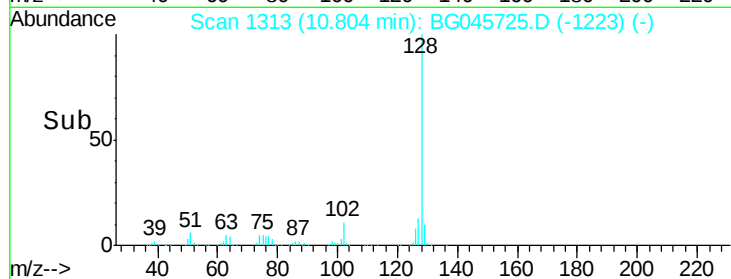
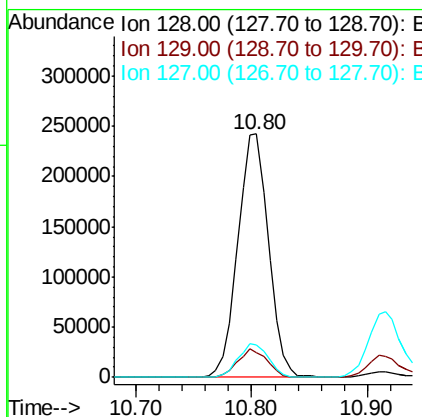
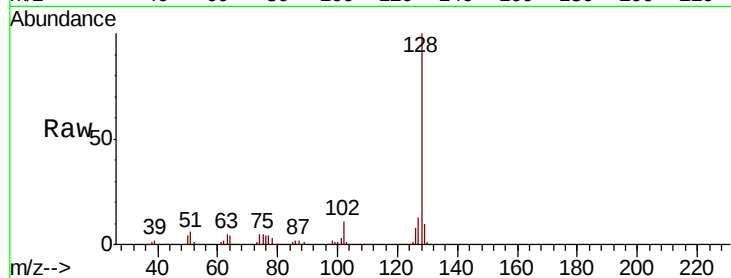




#31
Naphthalene
Concen: 49.054 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

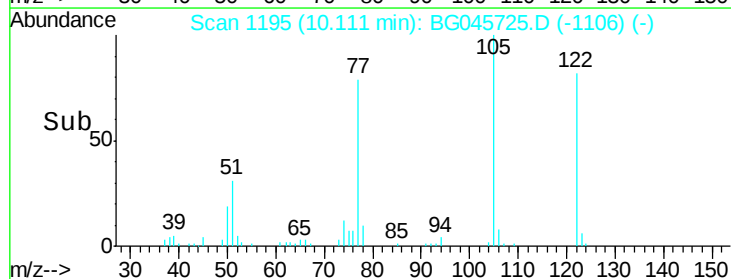
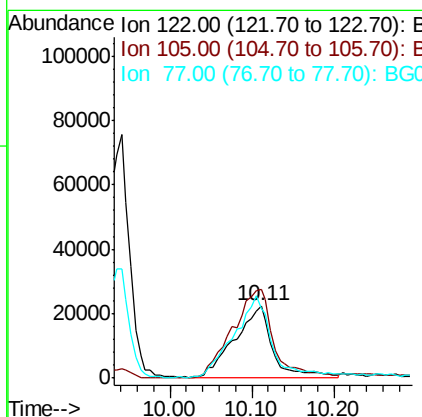
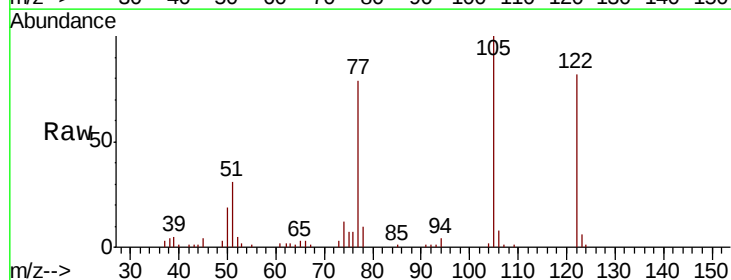
Instrument :
BNA_G
ClientSampleId :

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

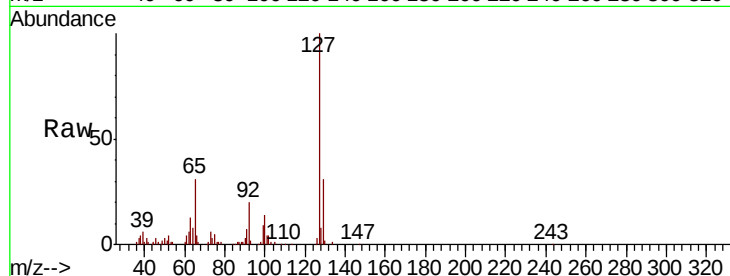




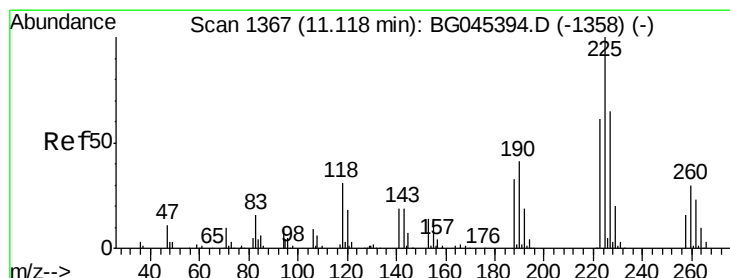
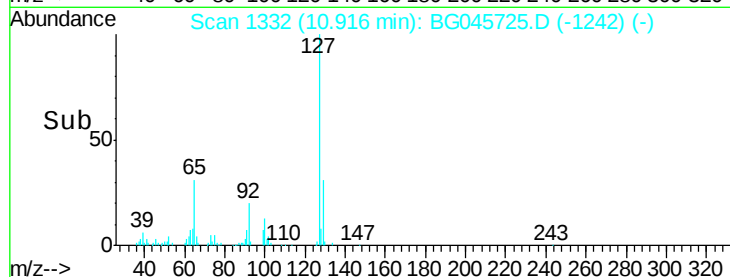
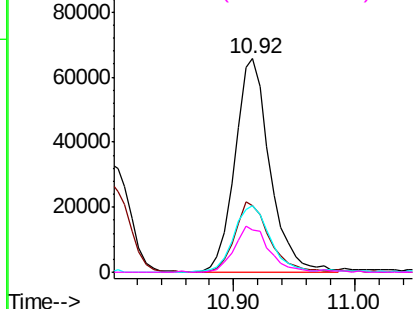
#33
4-Chloroaniline
Concen: 34.977 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

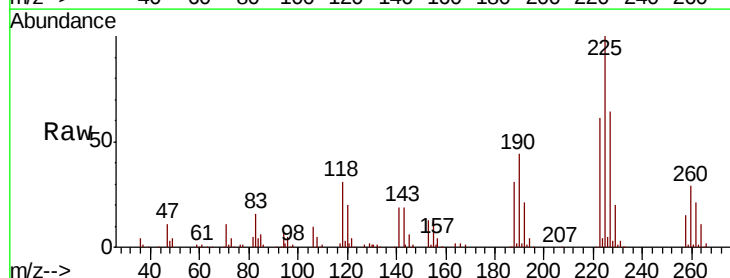


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

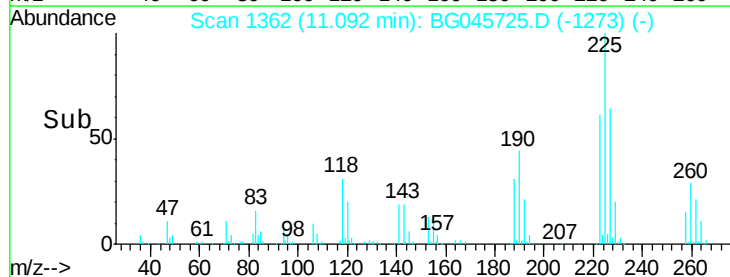
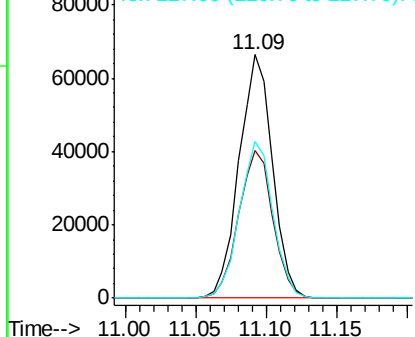


#34
Hexachlorobutadiene
Concen: 45.685 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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

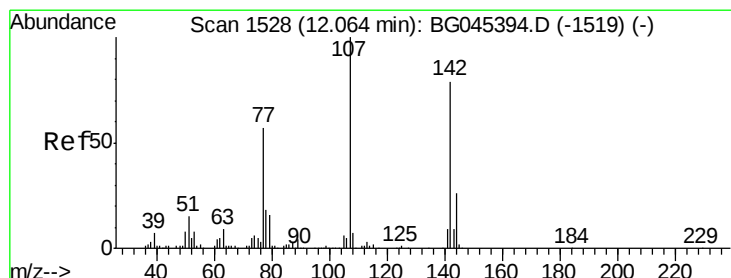
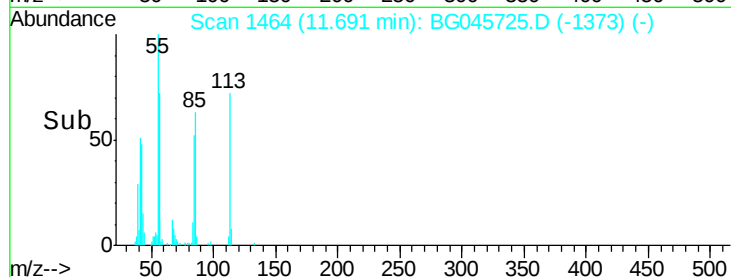
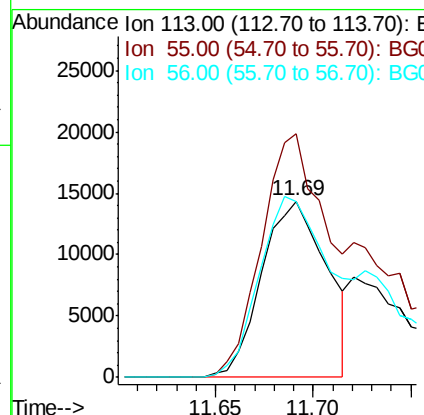
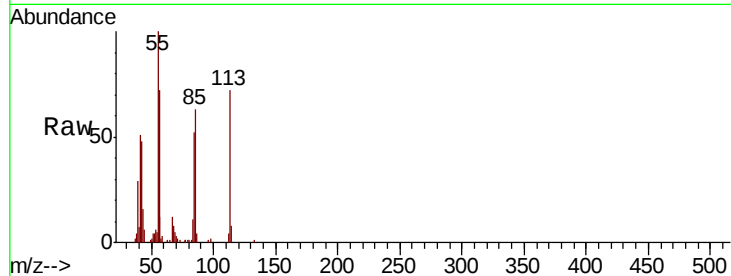




#35
Caprolactam
Concen: 31.345 ng
RT: 11.69 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

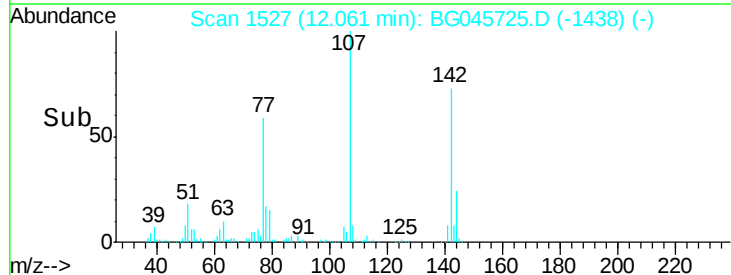
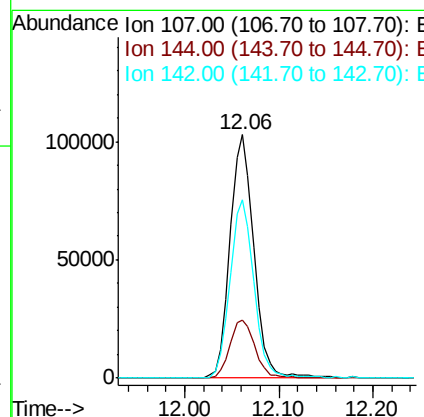
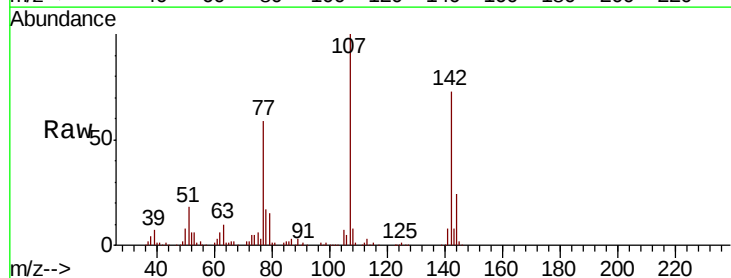
Instrument :
BNA_G
ClientSampleId :

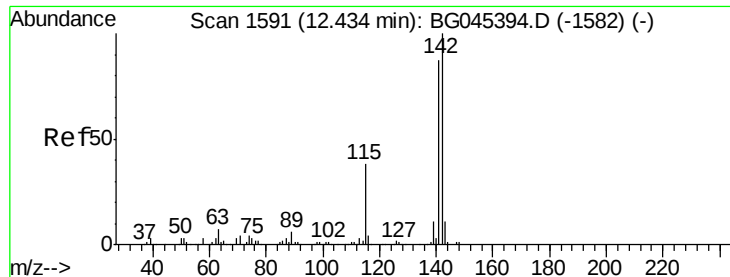
Tot Ion:113 Resp: 33076
Ion Ratio Lower Upper
113 100
55 138.0 96.0 136.0#
56 99.3 75.1 115.1



#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

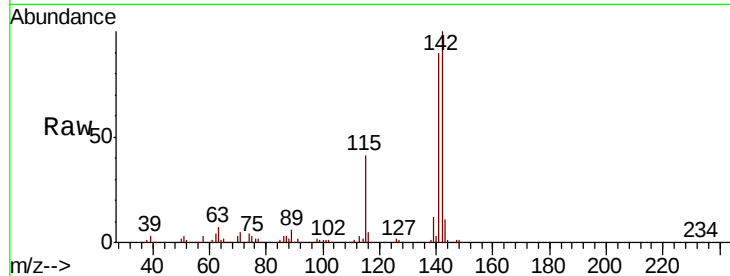




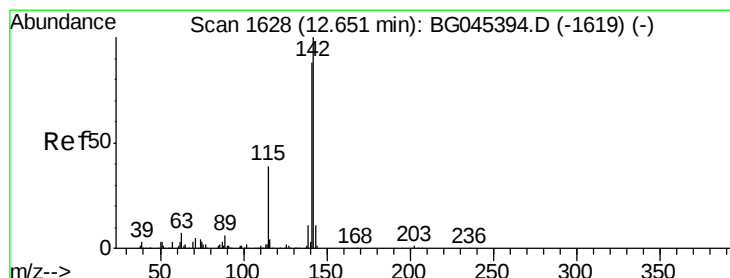
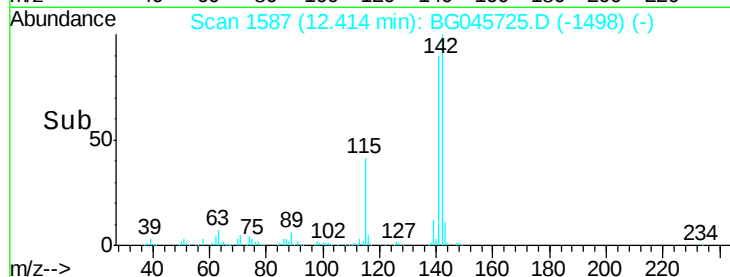
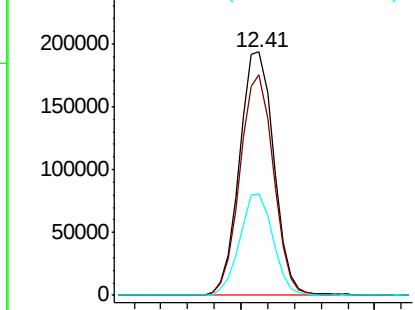
#37
2-Methylnaphthalene
Concen: 50.673 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

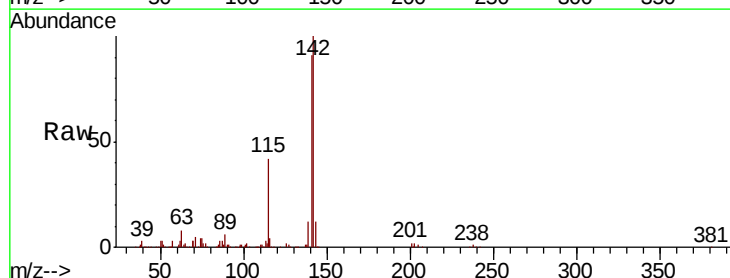


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

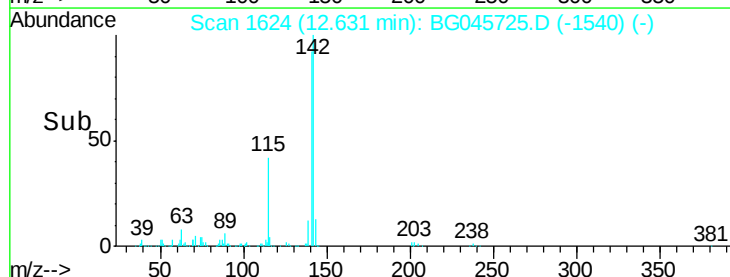
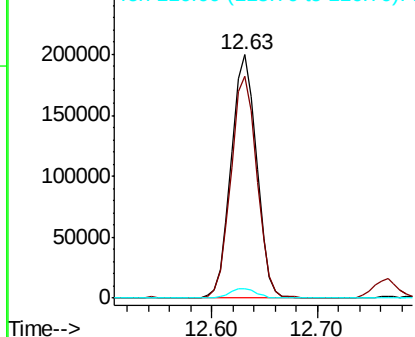


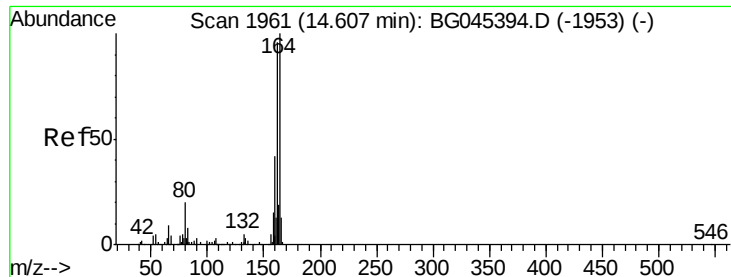
#38
1-Methylnaphthalene
Concen: 51.738 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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 :

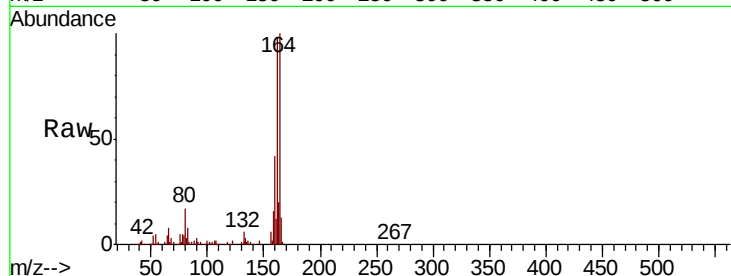
Tot Ion:164 Resp: 147816

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

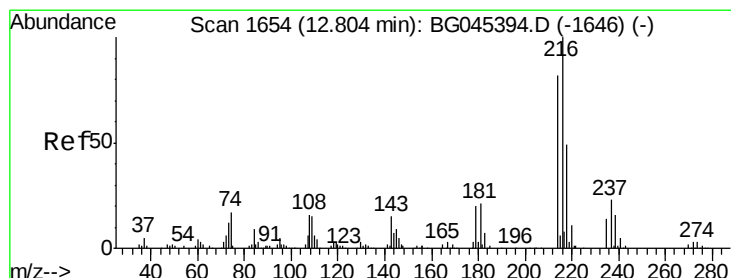
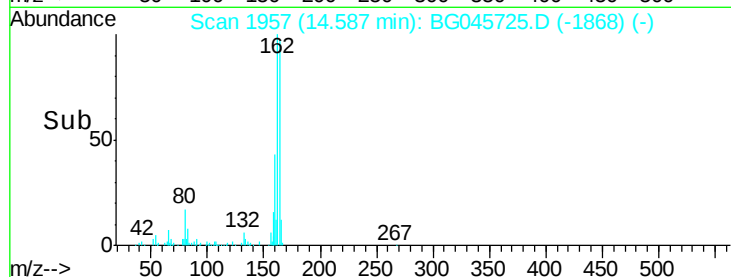
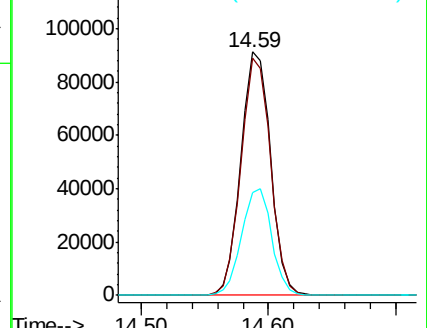
160 42.1 33.8 50.8



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

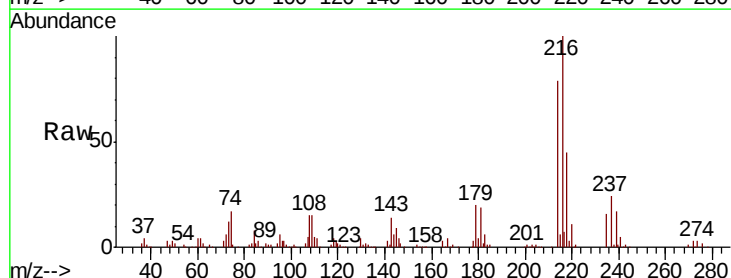
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 20.1 16.1 24.1

108 18.7 13.8 20.6

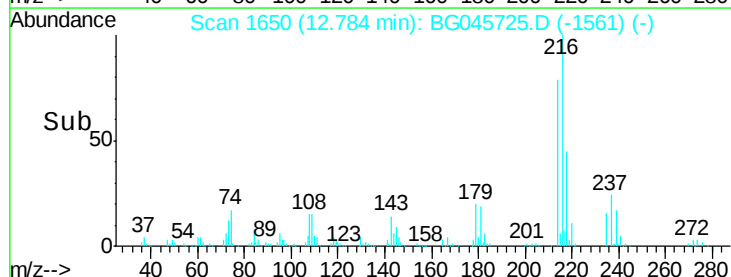
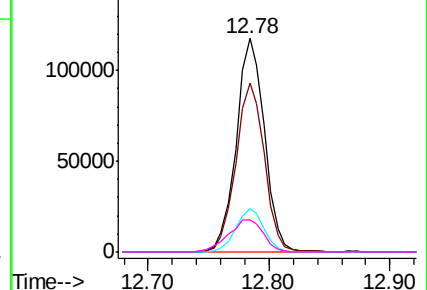


Abundance Ion 216.00 (215.70 to 216.70): E

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

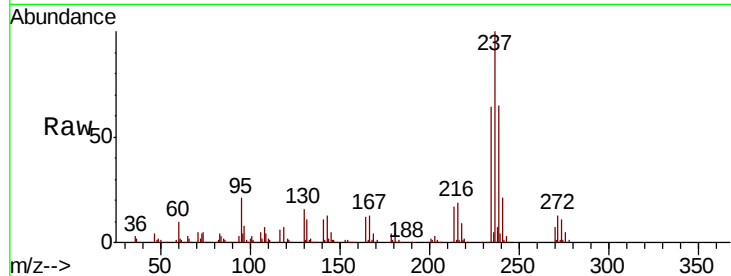




#41
Hexachlorocyclopentadiene
Concen: 95.170 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

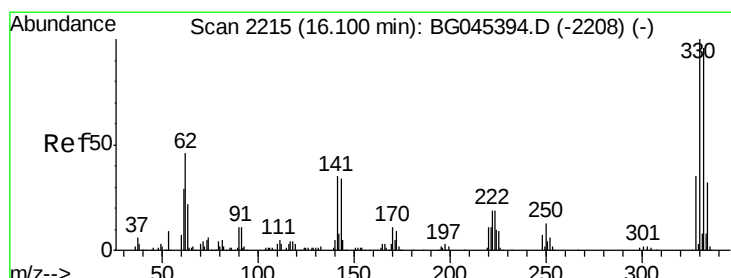
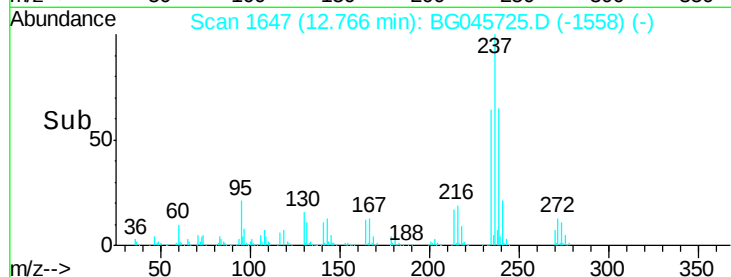
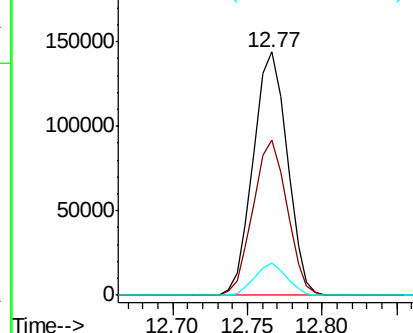


Abundance

Ion 236.80 (236.50 to 237.50): E

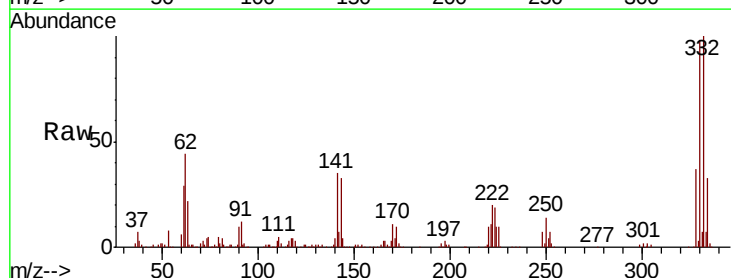
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 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

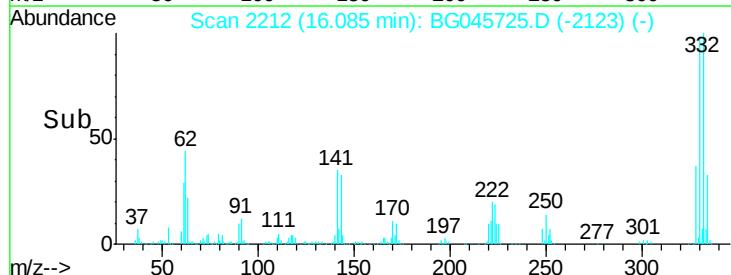
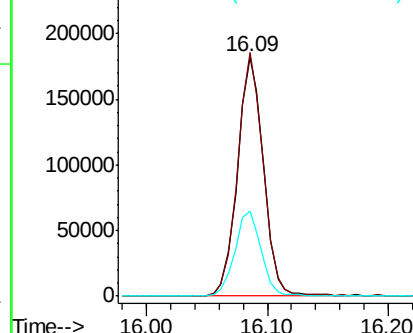


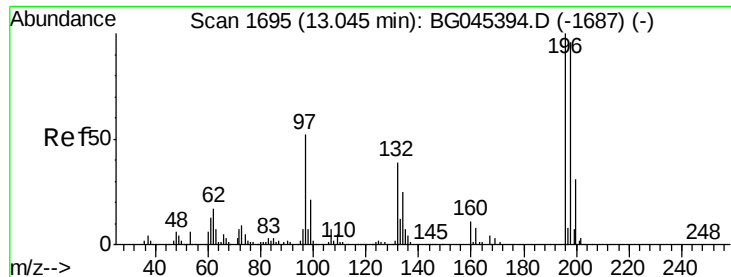
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

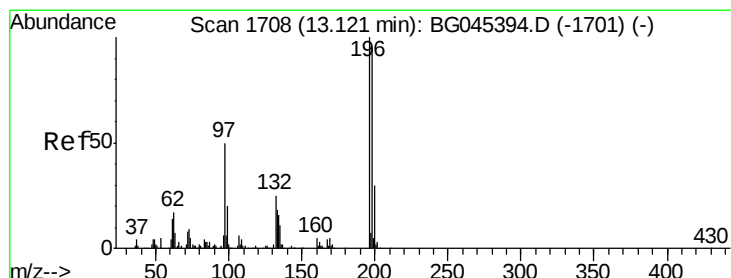
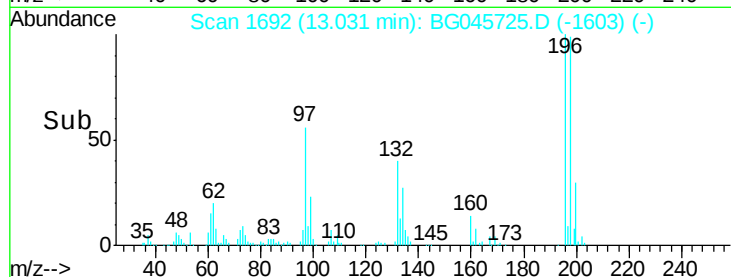
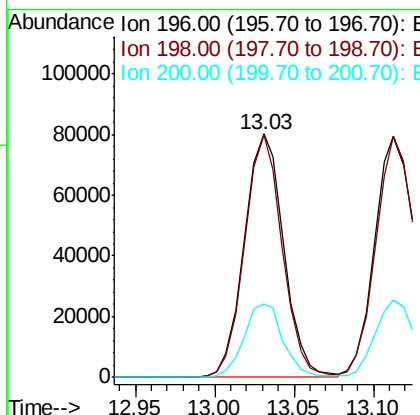
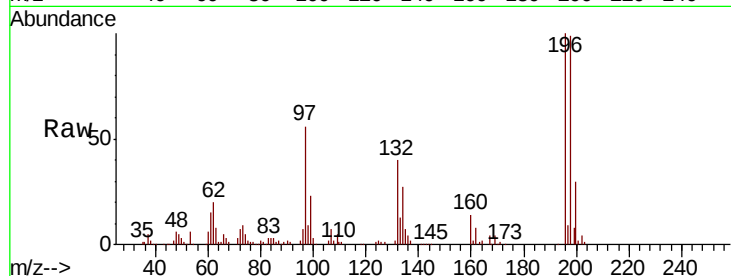




#43
 2,4,6-Trichlorophenol
 Concen: 48.257 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

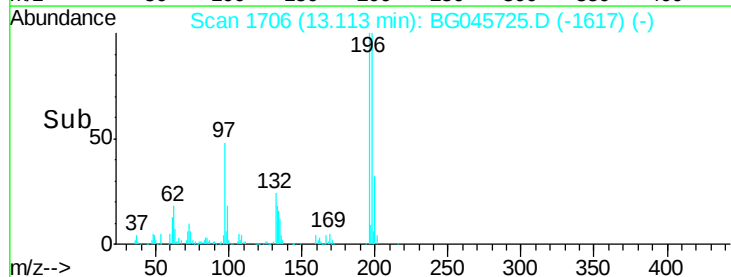
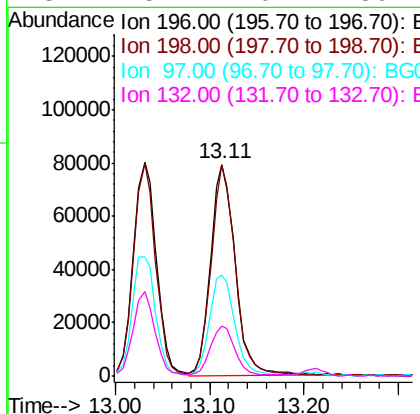
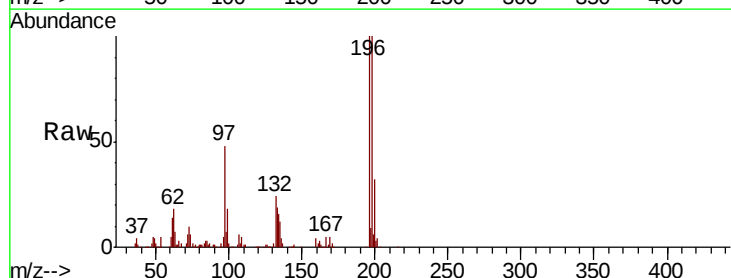
Instrument :
 BNA_G
 ClientSampleId :

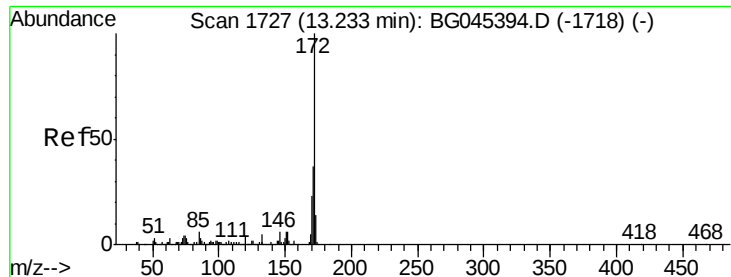
Tot Ion:196 Resp: 138404
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.7 115.1
 200 30.1 24.9 37.3



#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

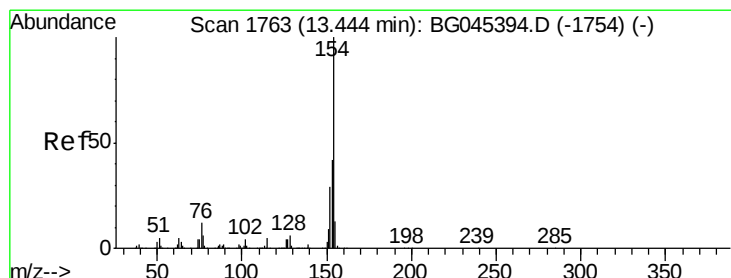
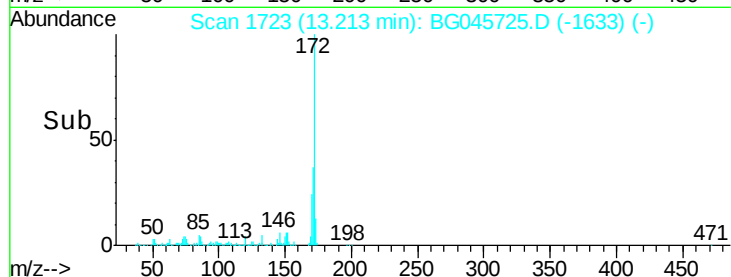
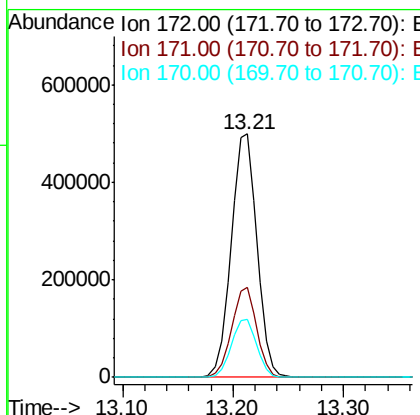
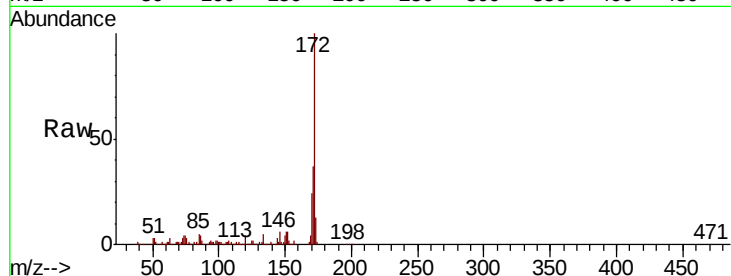




#45
2-Fluorobiphenyl
Concen: 93.819 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

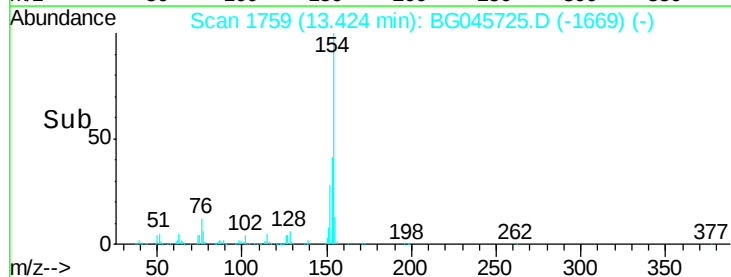
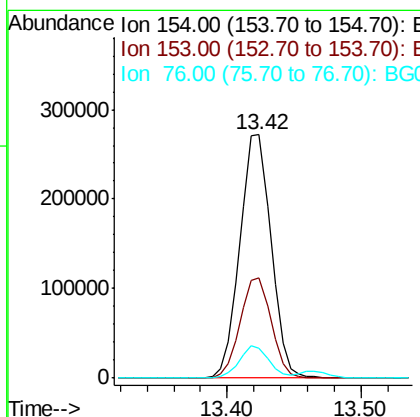
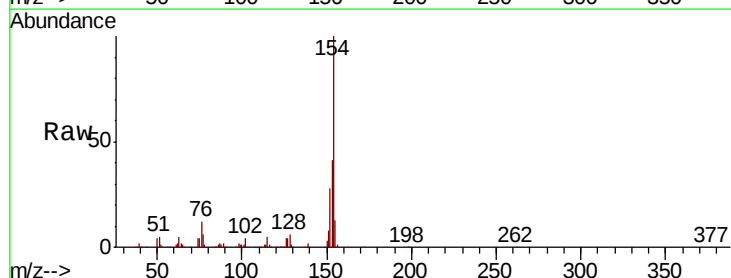
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	23.7	18.5	27.7



#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	Ratio	Lower	Upper
154	100		
153	41.2	22.2	62.2
76	12.2	0.0	32.4

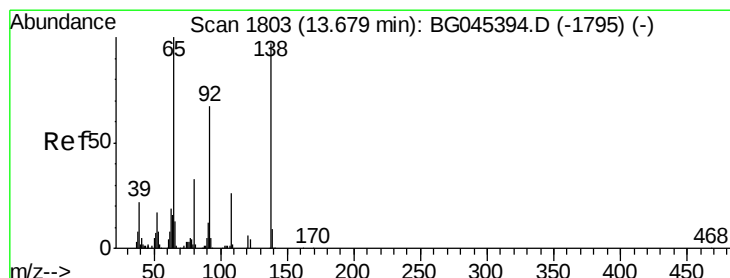
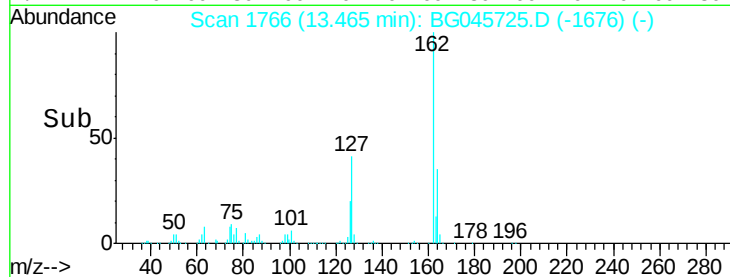
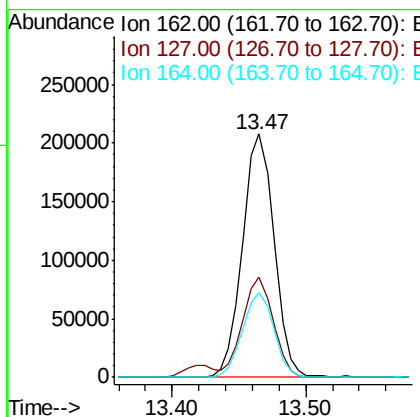
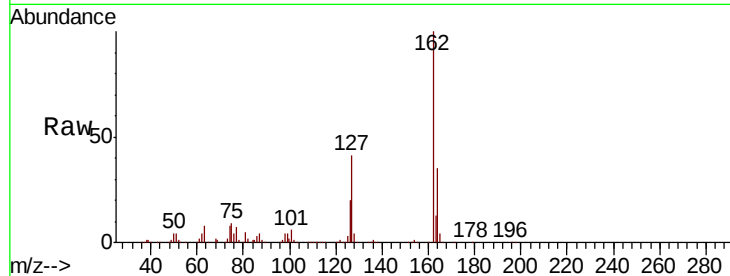




#47
2-Chloronaphthalene
Concen: 46.155 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

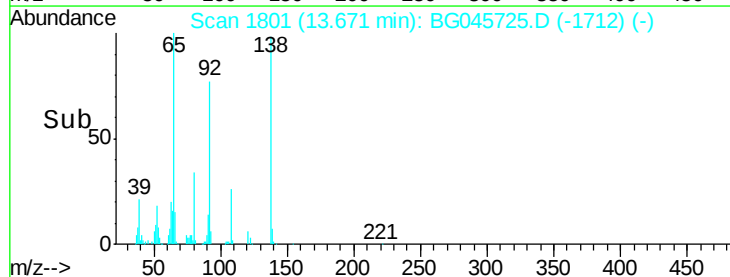
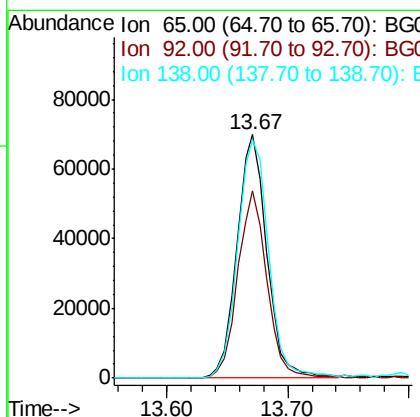
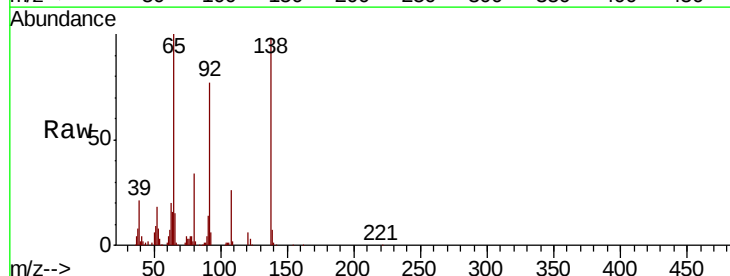
Instrument :
BNA_G
ClientSampled :

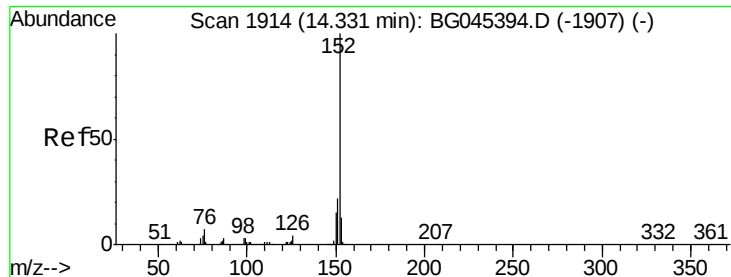
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.6	47.4
164	35.1	28.1	42.1



#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	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 :

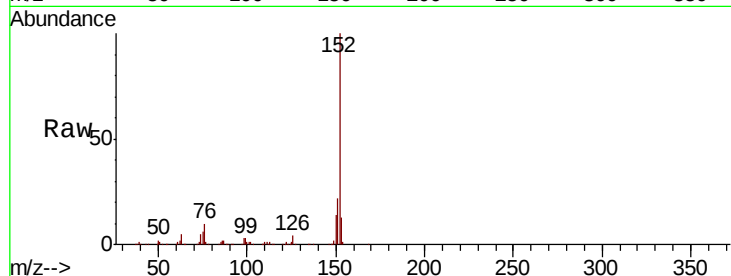
Tot Ion:152 Resp: 572141

Ion Ratio Lower Upper

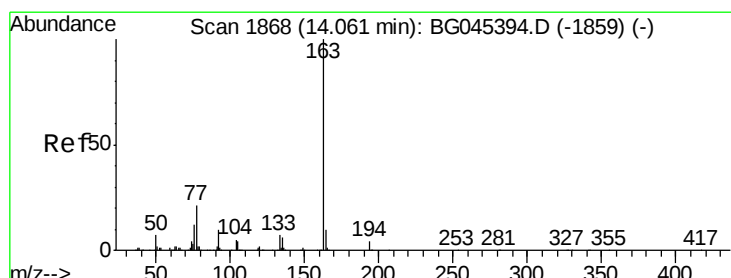
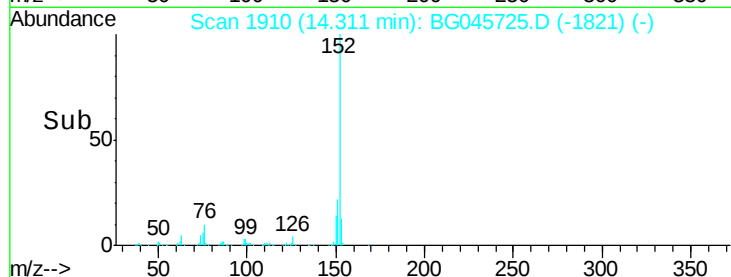
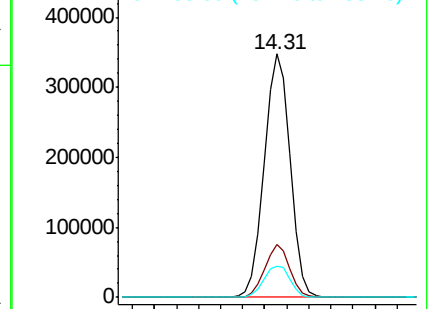
152 100

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

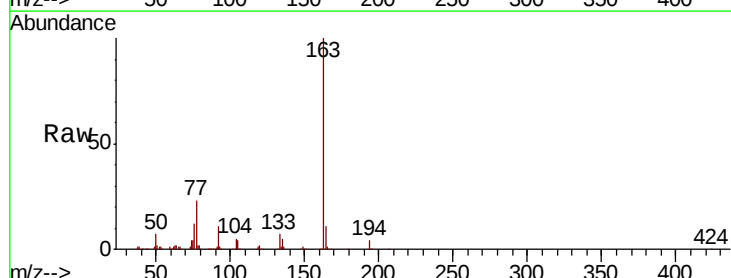
Tgt Ion:163 Resp: 492881

Ion Ratio Lower Upper

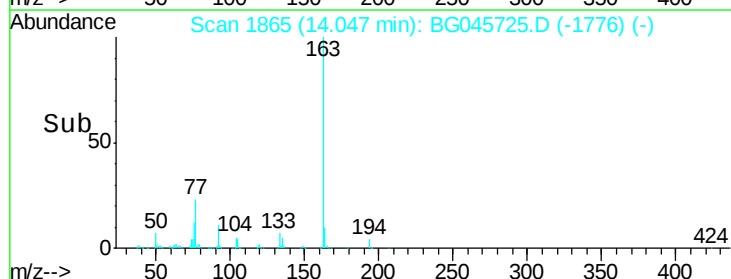
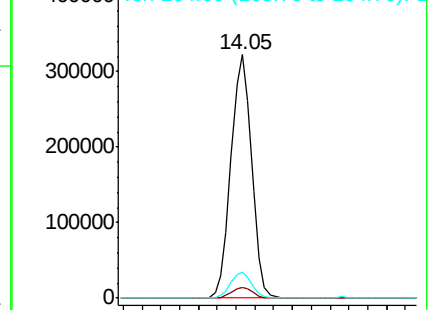
163 100

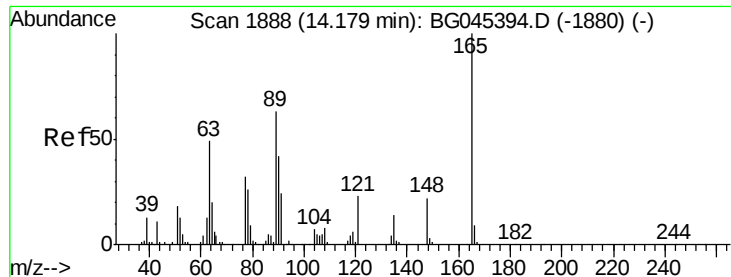
194 4.2 3.2 4.8

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

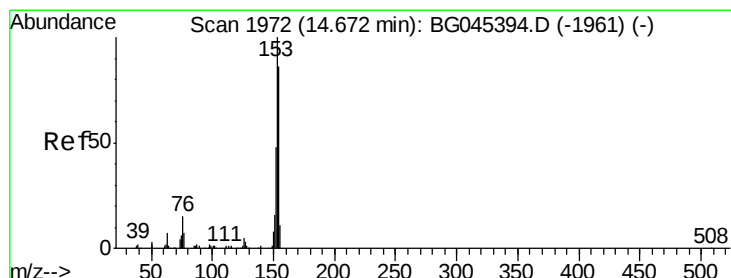
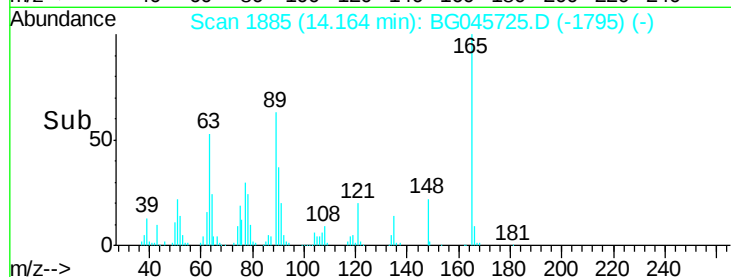
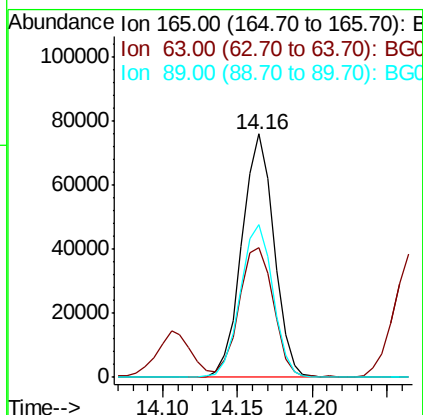
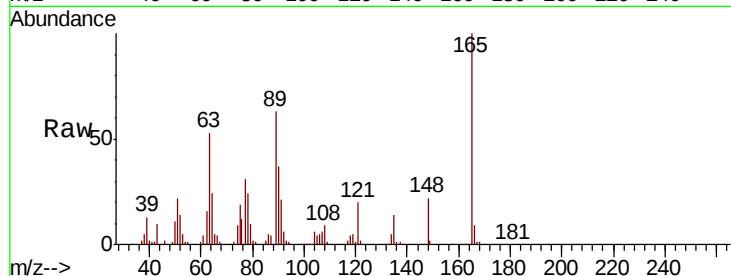




#51
2,6-Dinitrotoluene
Concen: 49.602 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

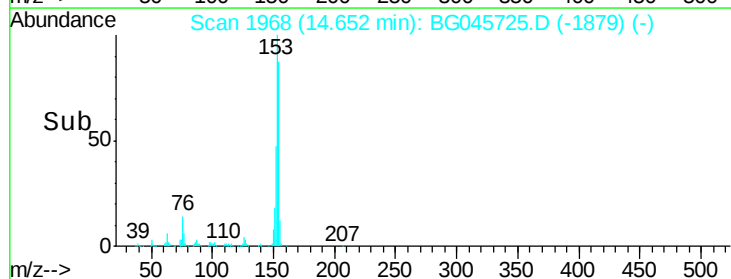
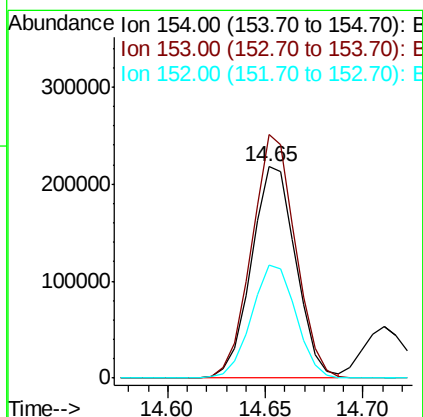
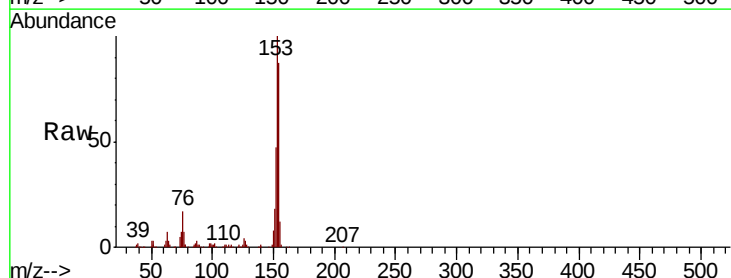
Instrument :
BNA_G
ClientSampleId :

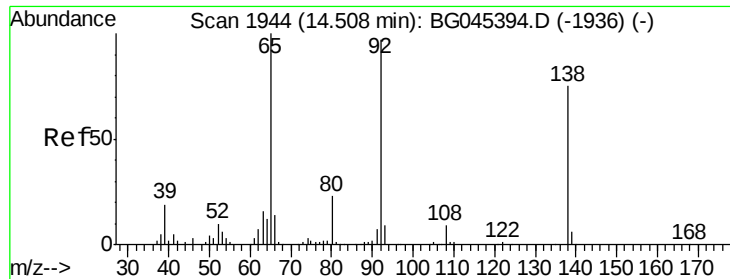
Tot Ion:165 Resp: 113495
Ion Ratio Lower Upper
165 100
63 53.1 45.0 67.4
89 62.8 50.2 75.4



#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 :

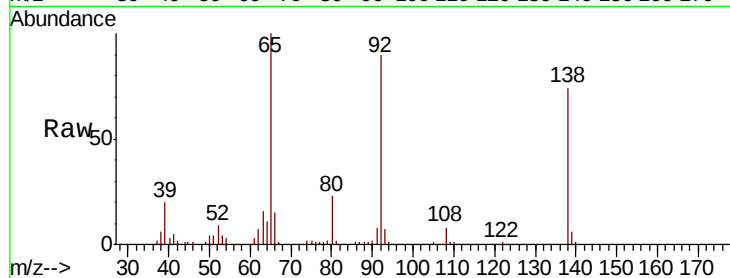
Tot Ion:138 Resp: 86841

Ion Ratio Lower Upper

138 100

108 10.4 9.8 14.6

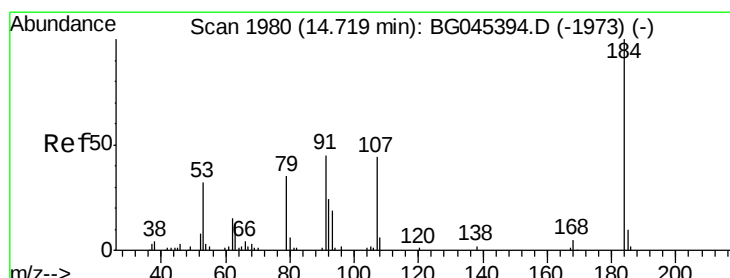
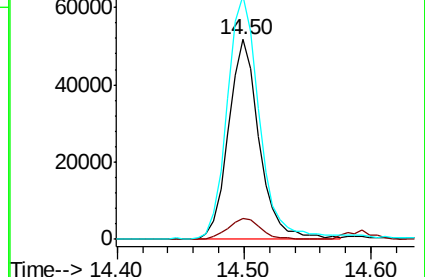
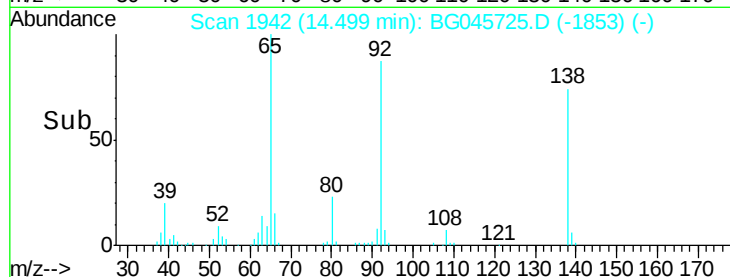
92 121.9 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#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

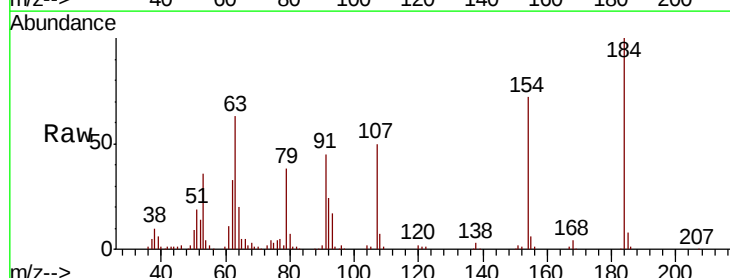
Tgt Ion:184 Resp: 130894

Ion Ratio Lower Upper

184 100

63 63.1 47.8 71.6

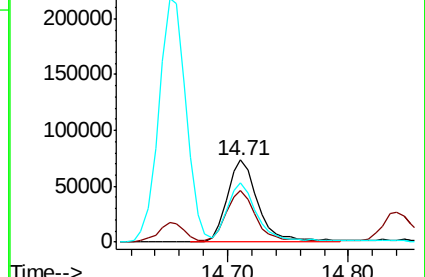
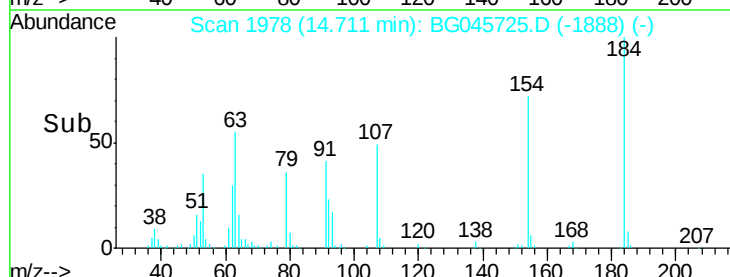
154 72.2 58.3 87.5

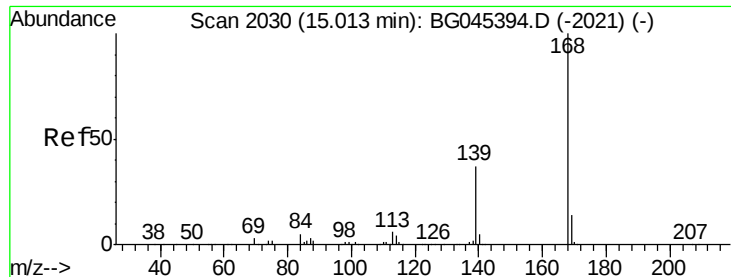


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

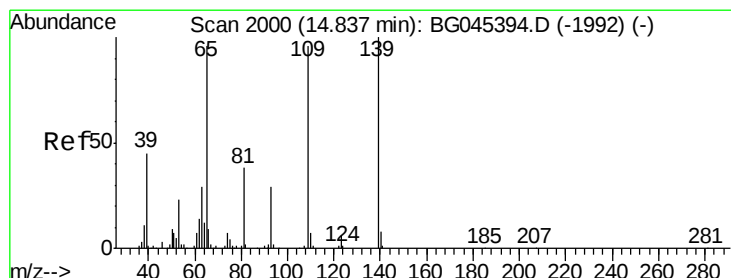
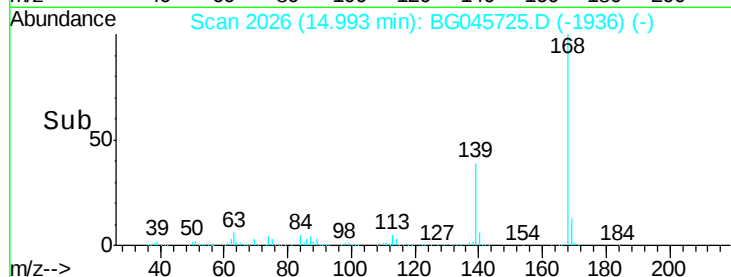
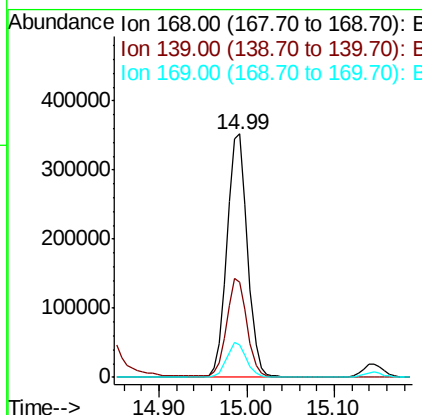
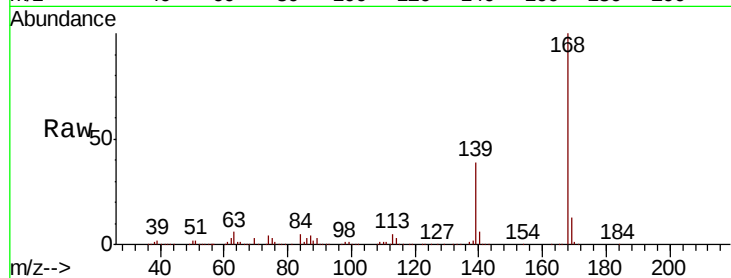




#55
Dibenzofuran
Concen: 48.108 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

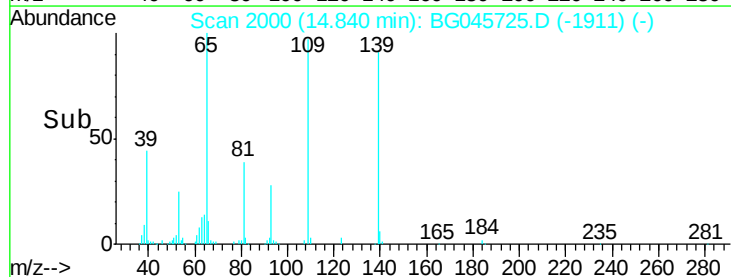
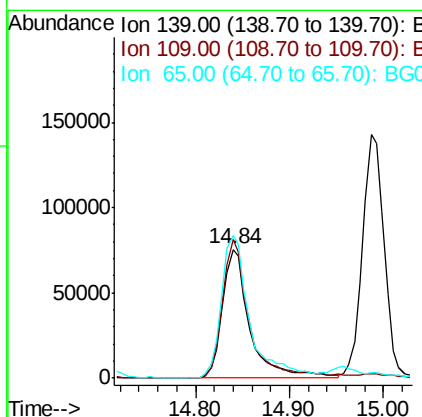
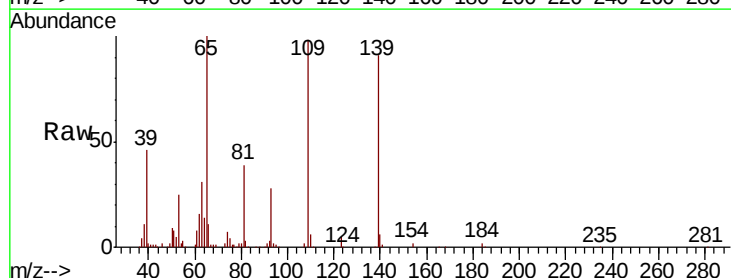
Instrument :
BNA_G
ClientSampleId :

Tot 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	Ratio	Lower	Upper
139	100		
109	108.1	75.6	115.6
65	110.4	76.8	116.8

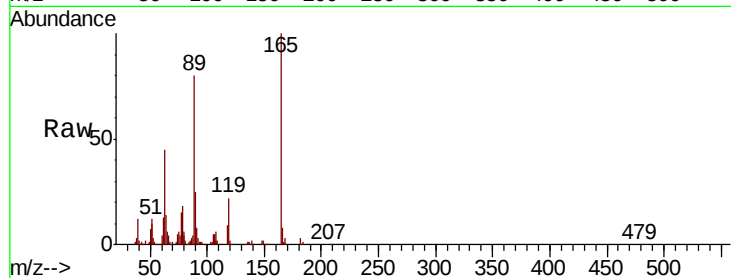




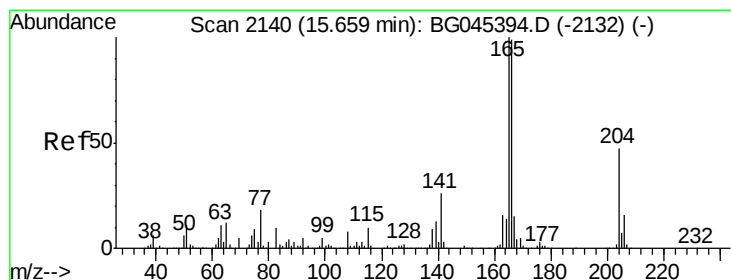
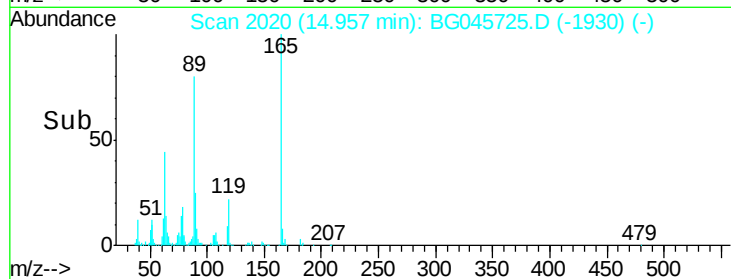
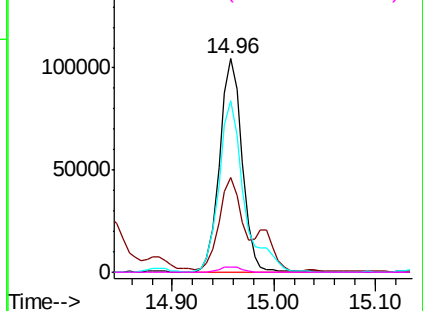
#57
2,4-Dinitrotoluene
Concen: 48.766 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

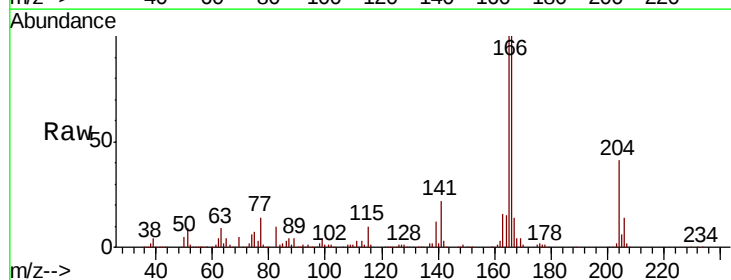


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

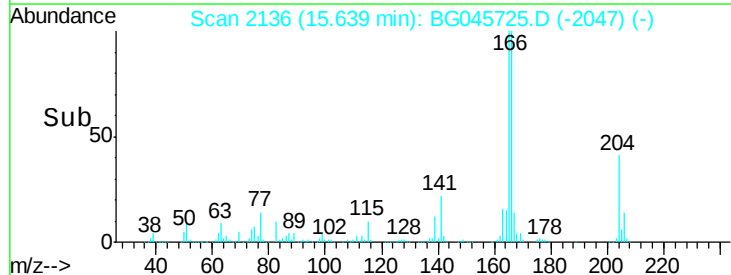
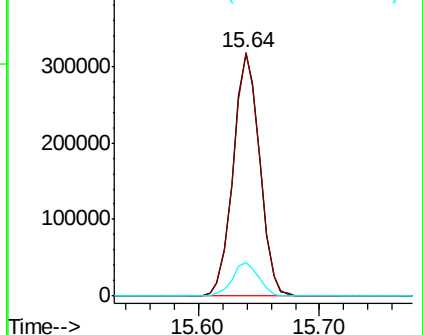


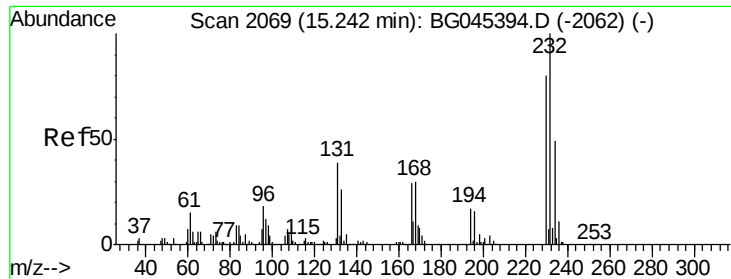
#58
Fluorene
Concen: 50.222 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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

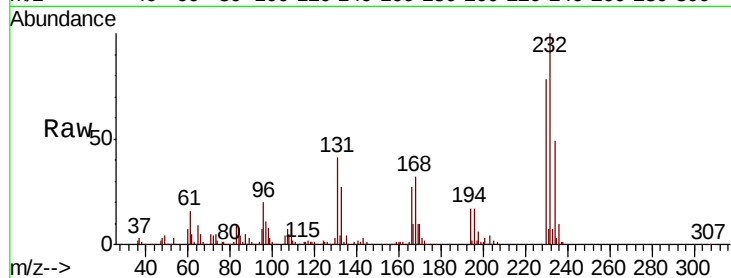




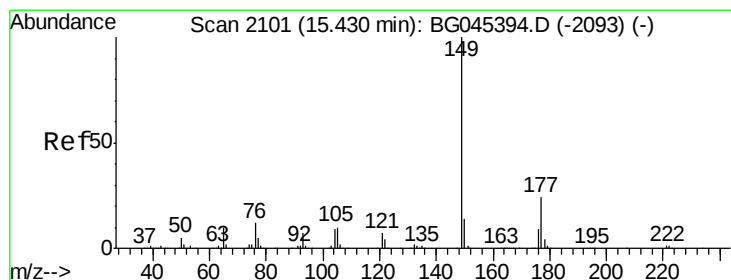
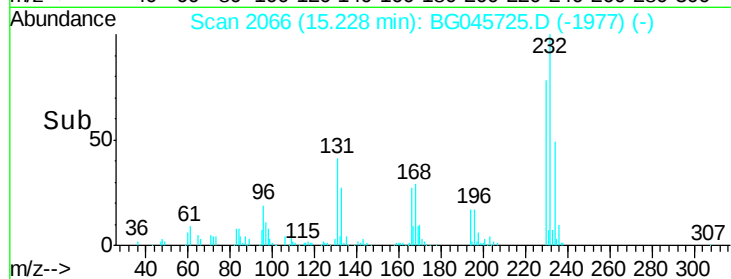
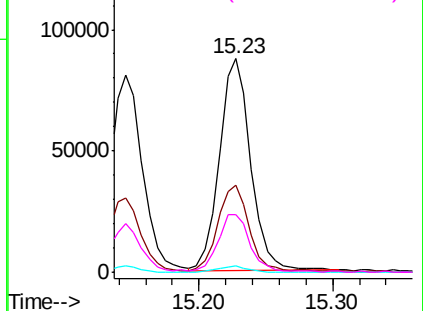
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.940 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Instrument :
 BNA_G
 ClientSampleId :

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

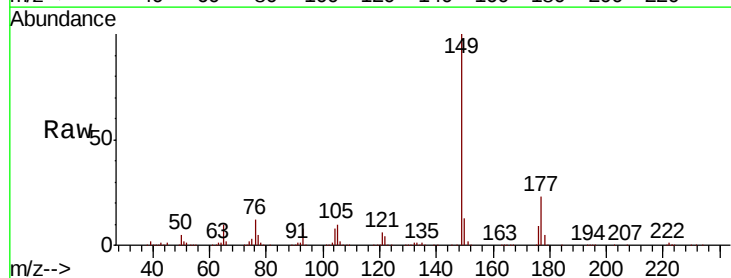


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

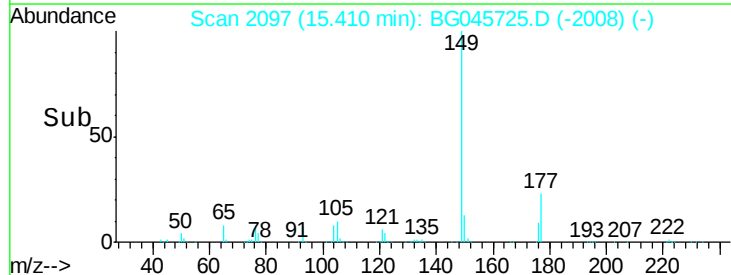
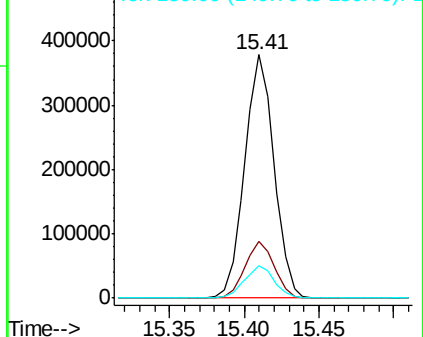


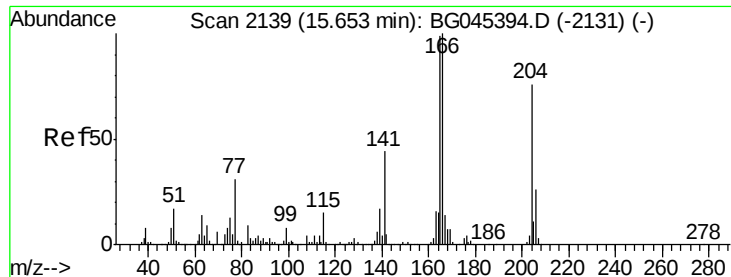
#60
 Diethylphthalate
 Concen: 48.707 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

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

ClientSampled :

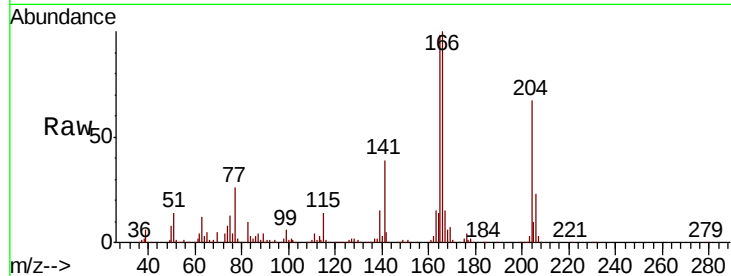
Tot Ion:204 Resp: 262549

Ion Ratio Lower Upper

204 100

206 34.8 27.3 40.9

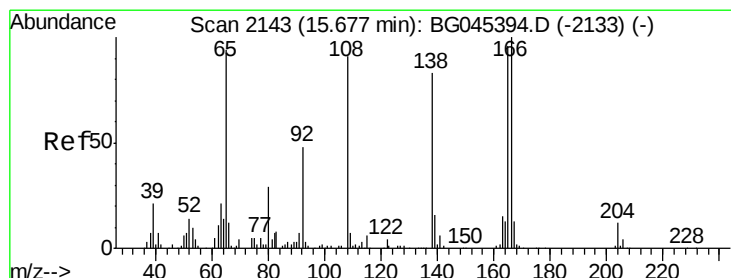
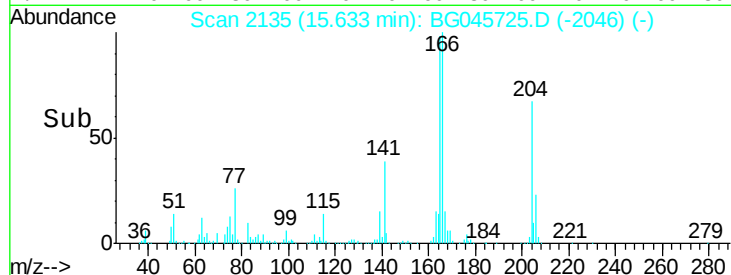
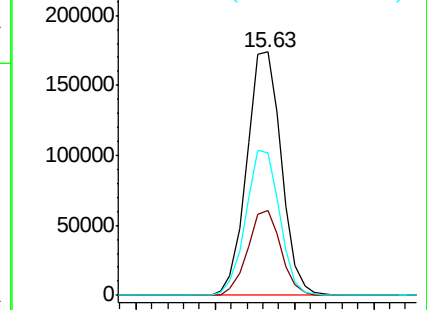
141 58.5 45.9 68.9



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

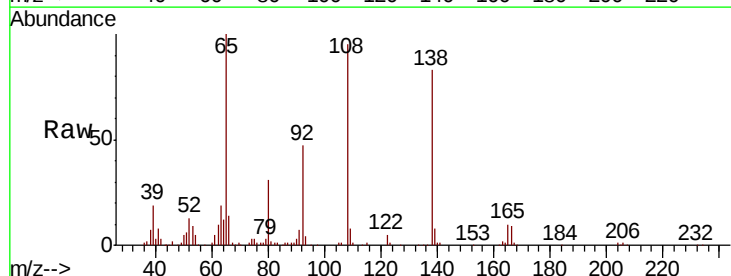
Tgt Ion:138 Resp: 114444

Ion Ratio Lower Upper

138 100

92 57.2 38.0 78.0

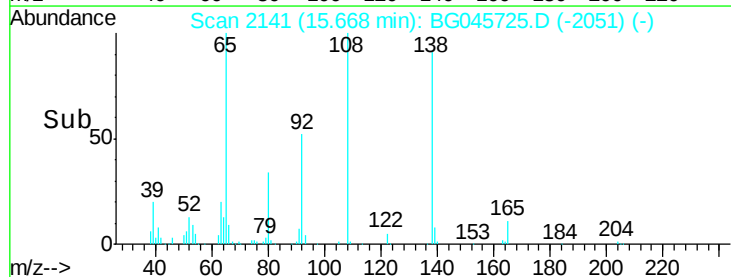
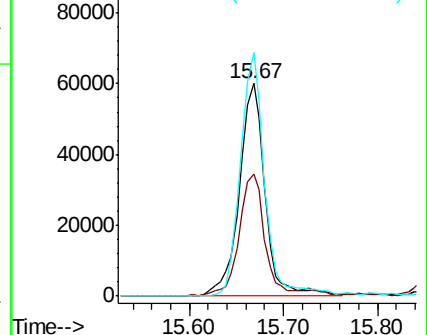
108 114.7 89.3 129.3

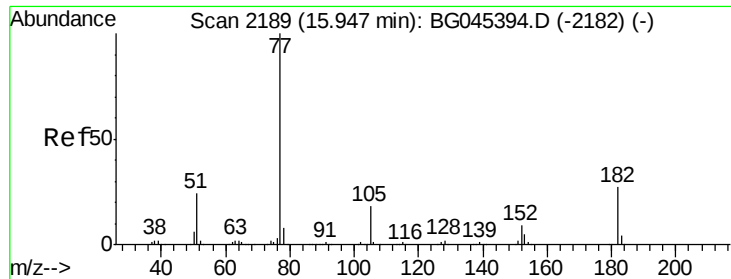


Abundance Ion 138.00 (137.70 to 138.70): E

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 :

Tot Ion: 77 Resp: 496572

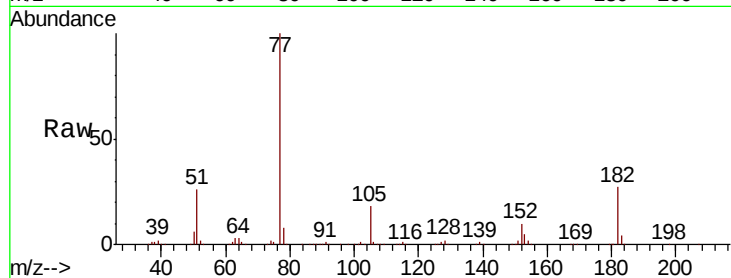
Ion Ratio Lower Upper

77 100

182 26.6 6.5 46.5

105 17.8 0.0 37.9

51 26.5 4.1 44.1

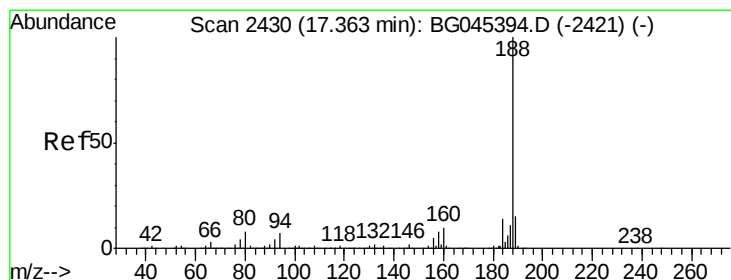
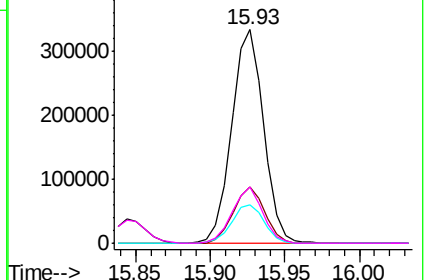
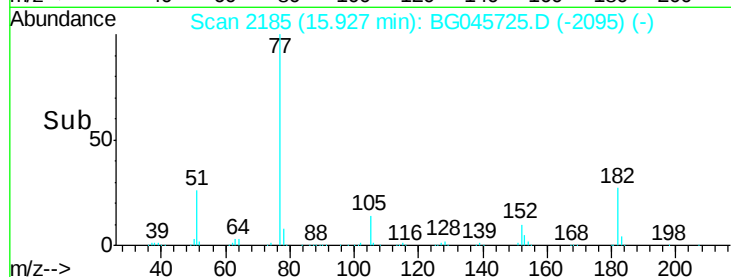


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

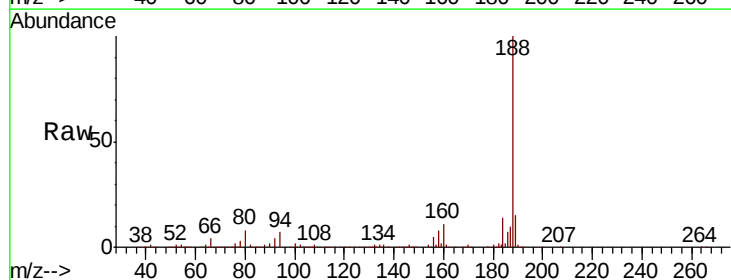
Tgt Ion: 188 Resp: 365070

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

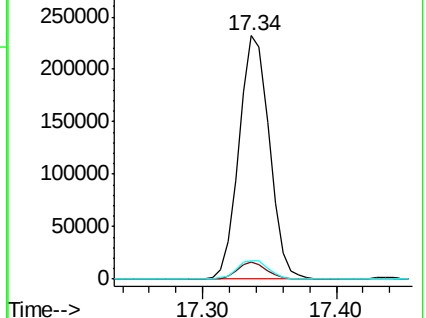
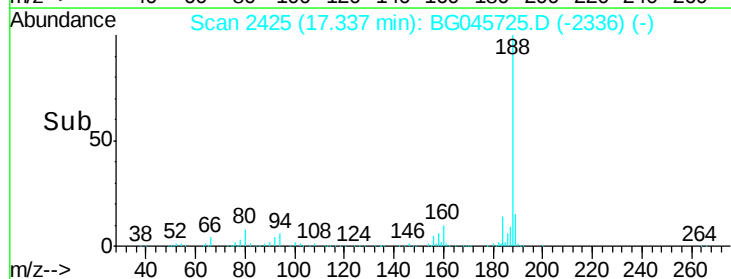
80 7.7 6.6 10.0

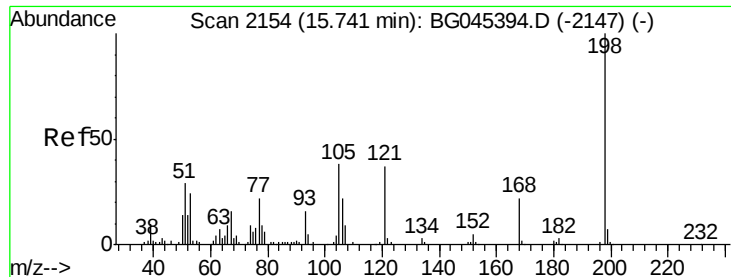


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

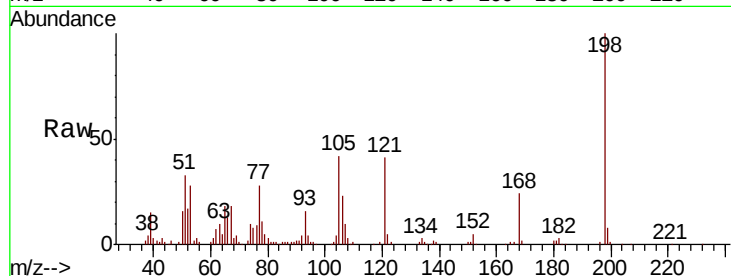
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 103931

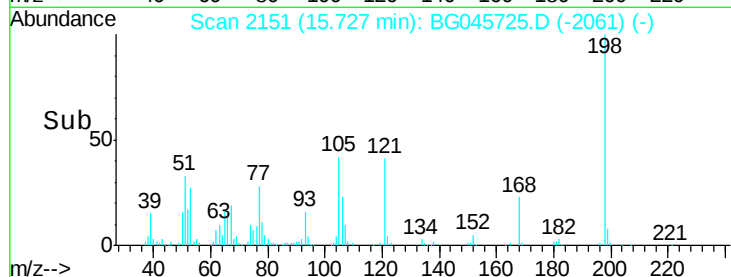
Ion	Ratio	Lower	Upper
198	100		
51	33.5	10.0	50.0
105	41.9	18.9	58.9



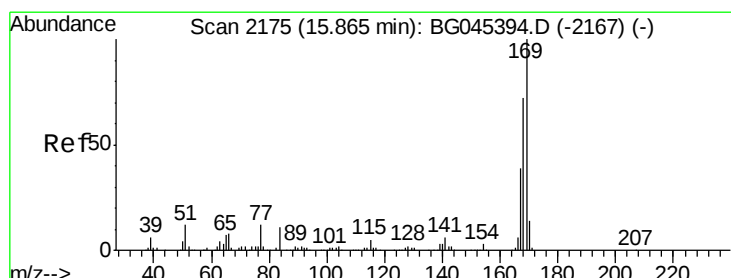
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 49.755 ng

RT: 15.85 min Scan# 2172

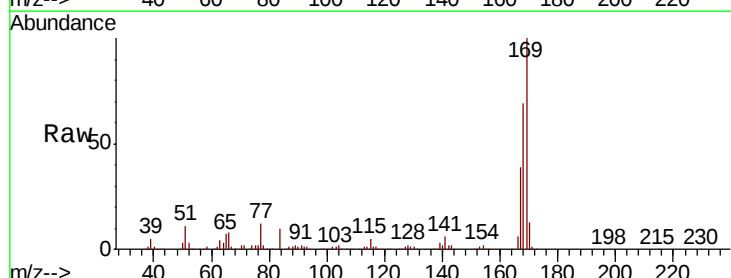
Delta R.T. -0.00 min

Lab File: BG045725.D

Acq: 11 Jun 2020 17:35

Tgt Ion:169 Resp: 436115

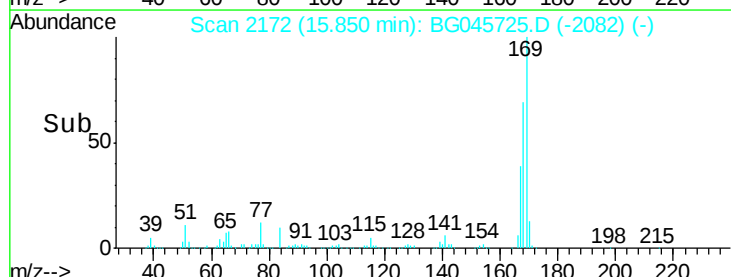
Ion	Ratio	Lower	Upper
169	100		
168	69.3	57.8	86.6
167	39.0	31.5	47.3



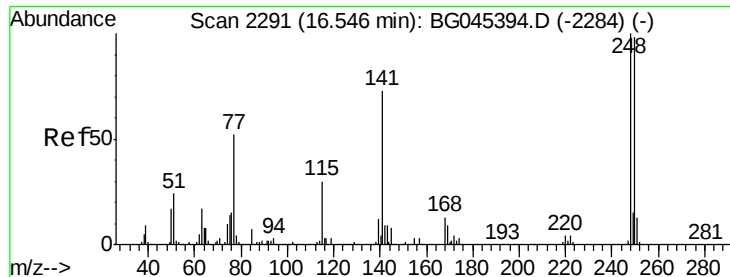
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



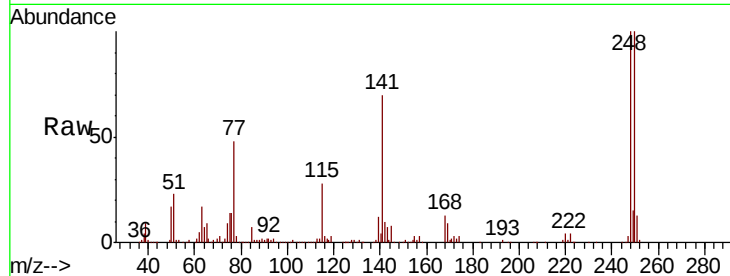
Time-->



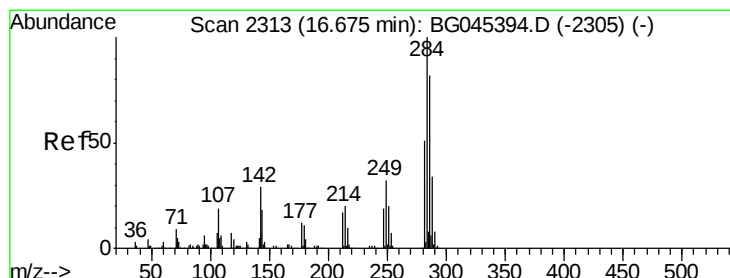
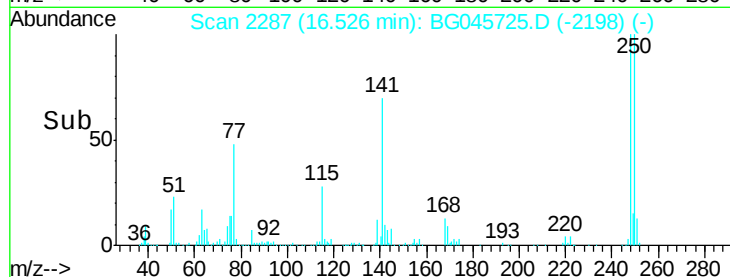
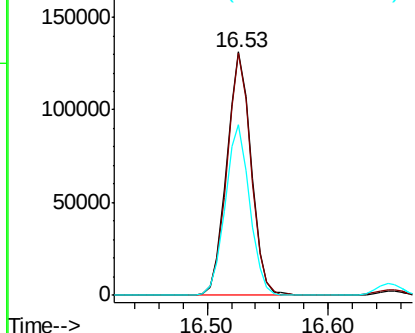
#67
4-Bromophenyl-phenylether
Concen: 46.723 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

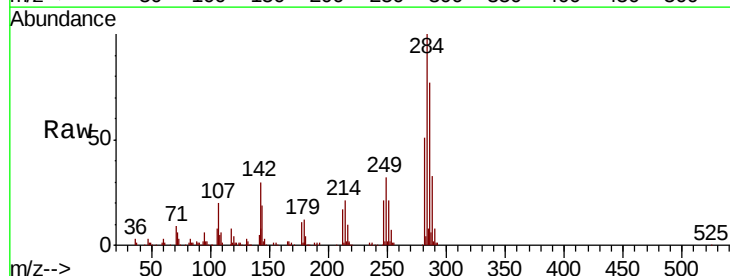


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

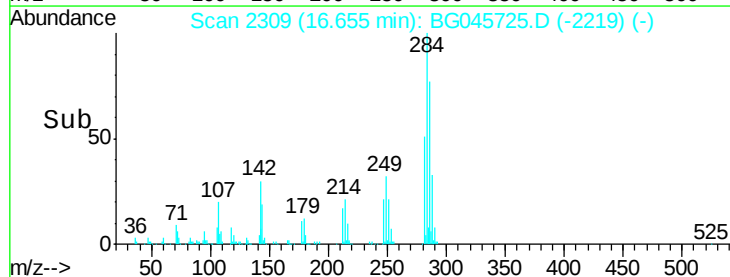
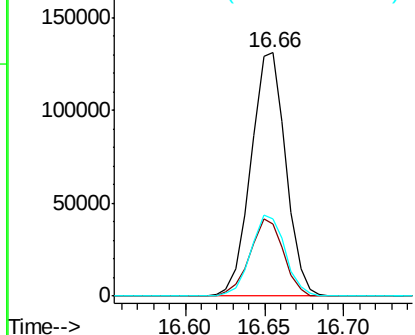


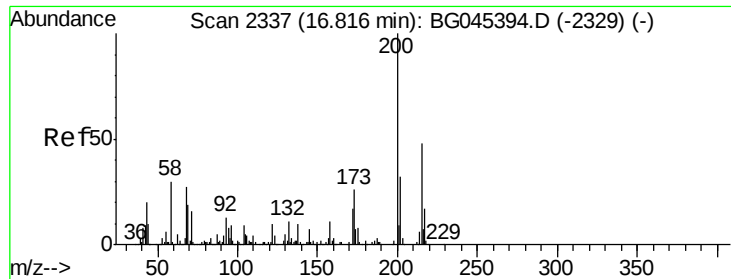
#68
Hexachlorobenzene
Concen: 48.497 ng
RT: 16.66 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

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

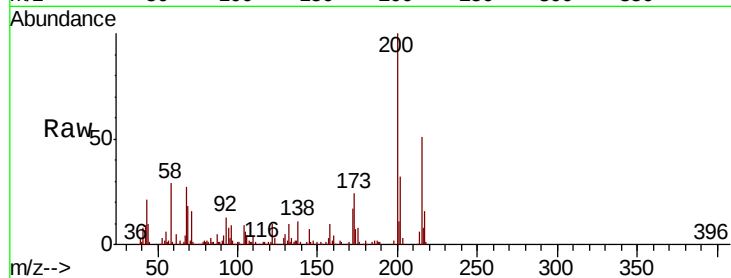




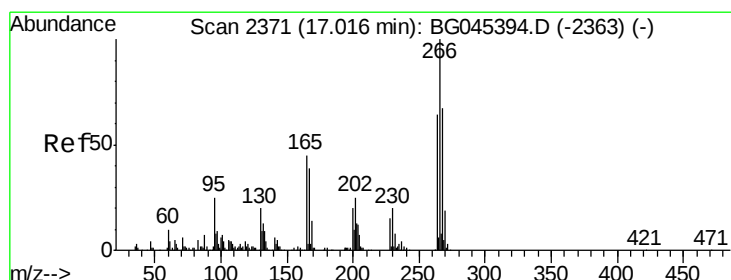
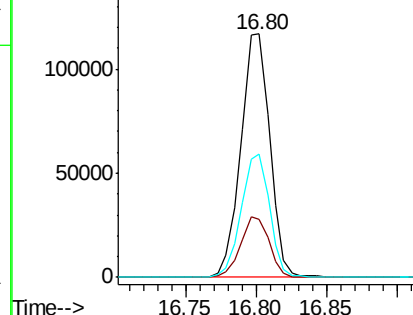
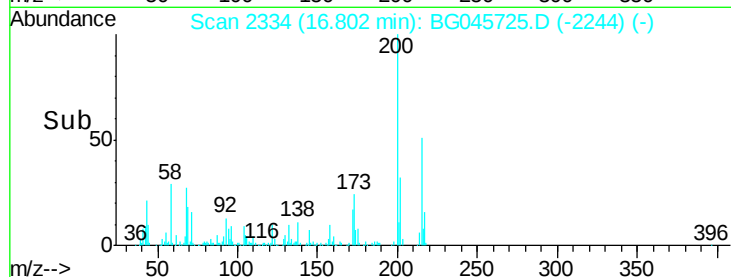
#69
 Atrazine
 Concen: 46.520 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

Instrument :
 BNA_G
 ClientSampleId :

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

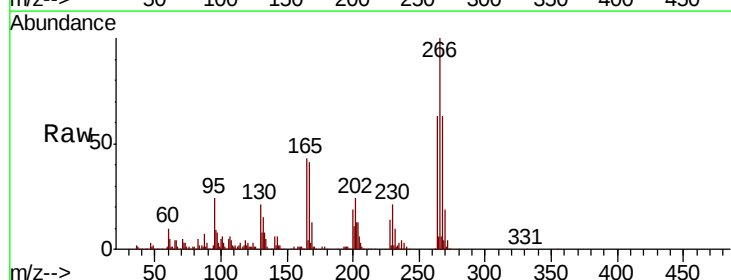


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

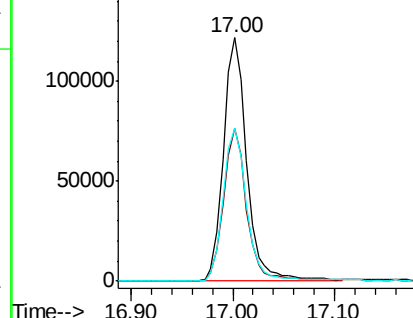
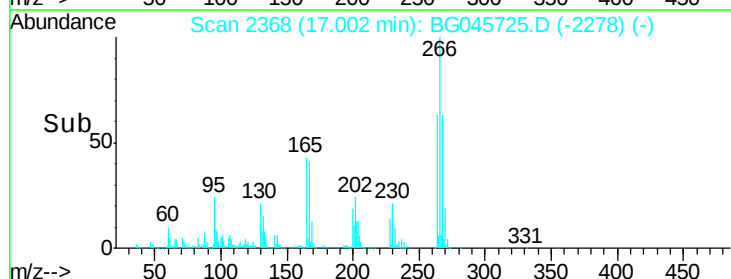


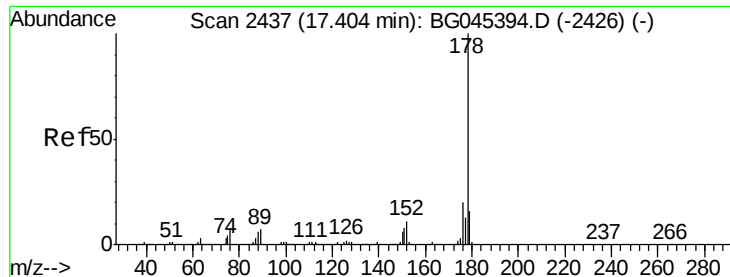
#70
 Pentachlorophenol
 Concen: 91.137 ng
 RT: 17.00 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

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

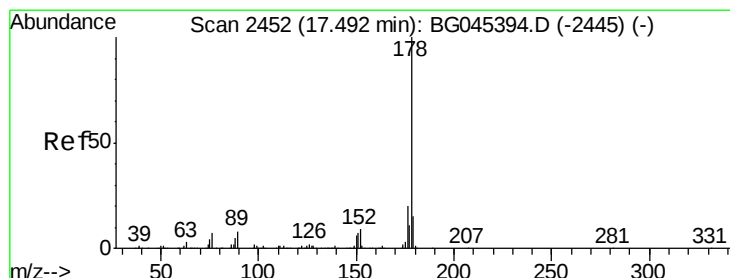
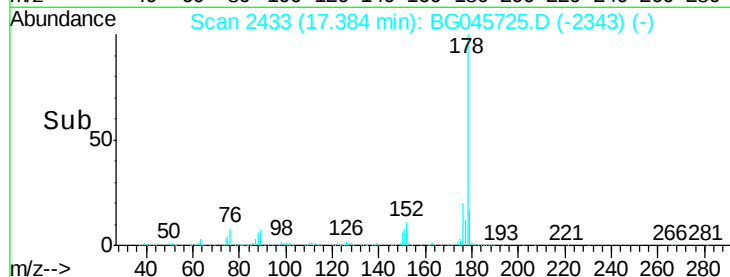
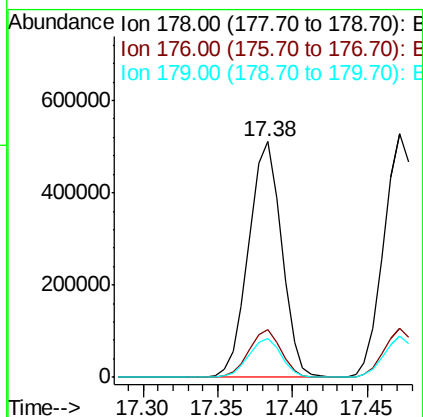
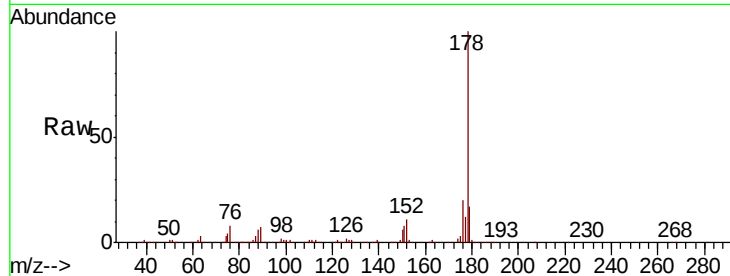




#71
Phenanthrene
Concen: 49.127 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

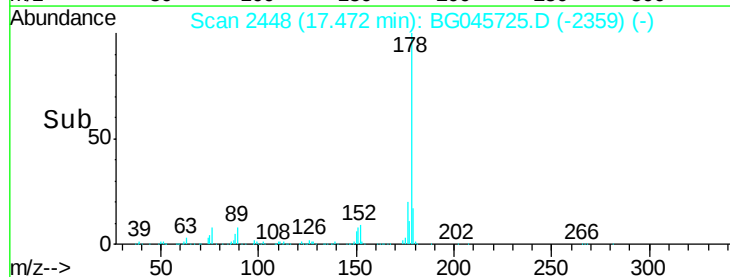
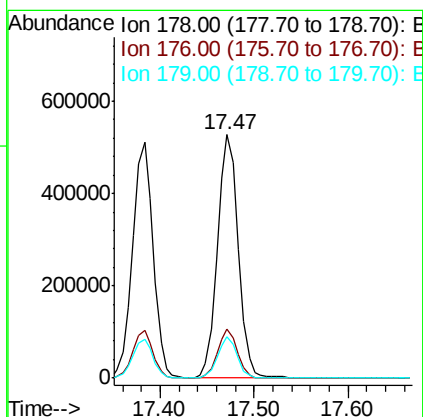
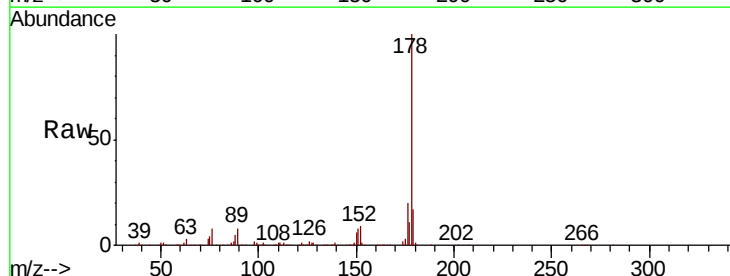
Instrument :
BNA_G
ClientSampleId :

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

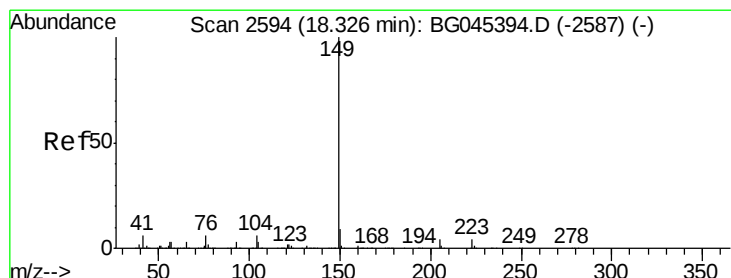
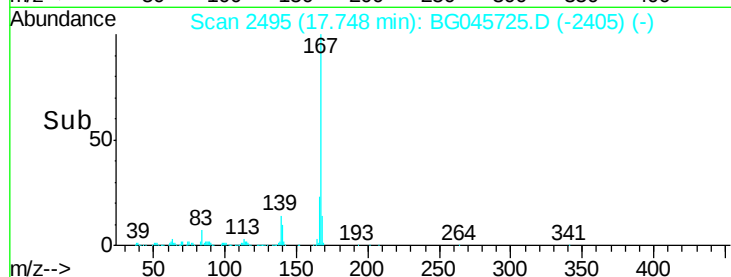
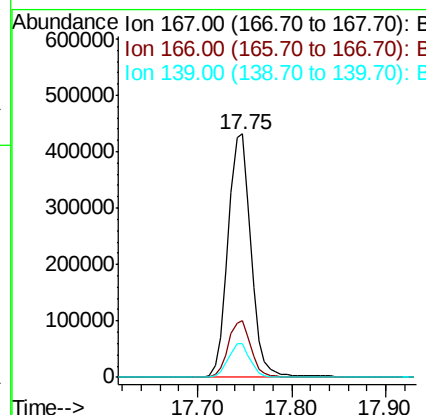
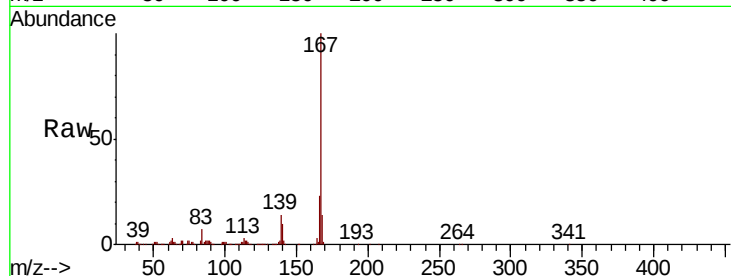




#73
 Carbazole
 Concen: 47.366 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045725.D
 Acq: 11 Jun 2020 17:35

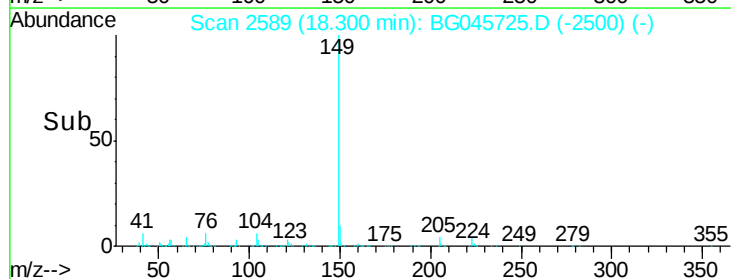
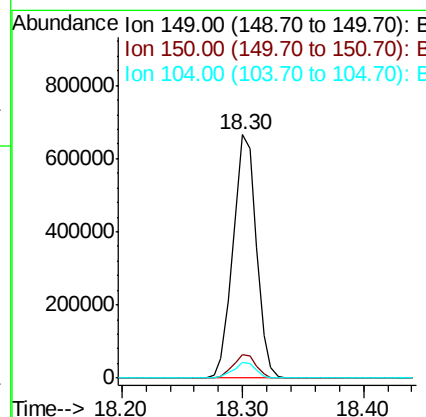
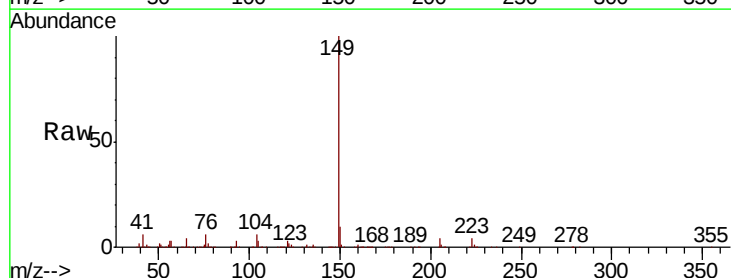
Instrument :
 BNA_G
 ClientSampled :

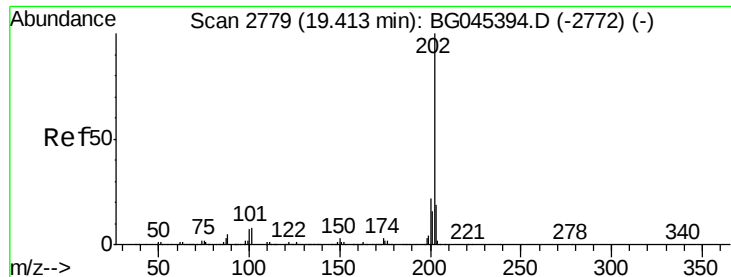
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	13.7	10.6	16.0



#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

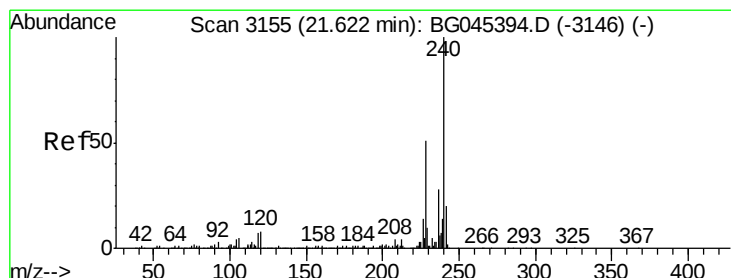
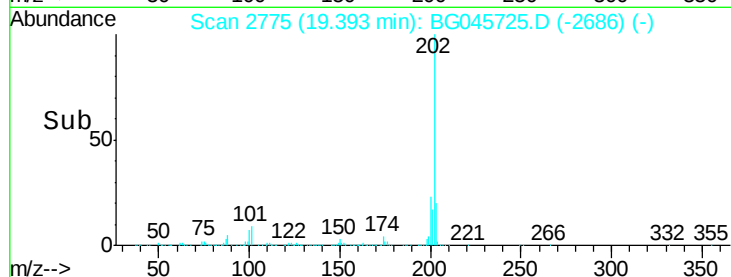
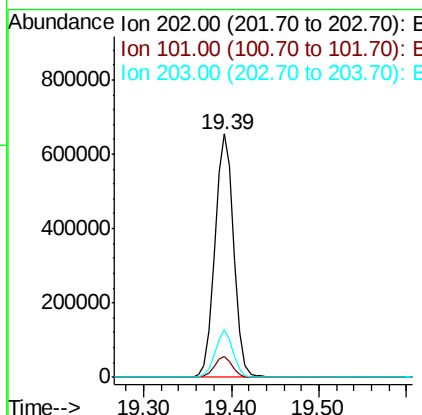
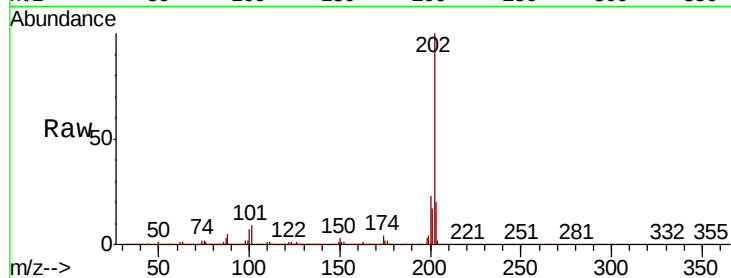
Acq: 11 Jun 2020 17:35

Instrument :

BNA_G

ClientSampleId :

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



#76

Chrysene-d12

Concen: 20.000 ng

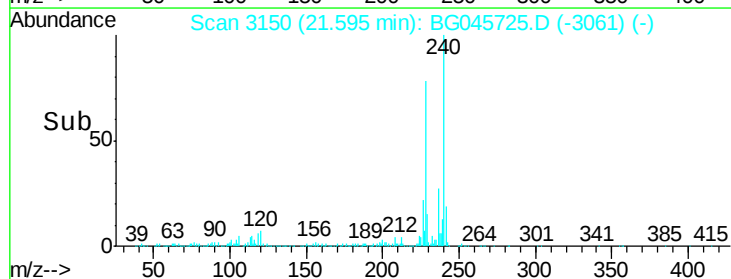
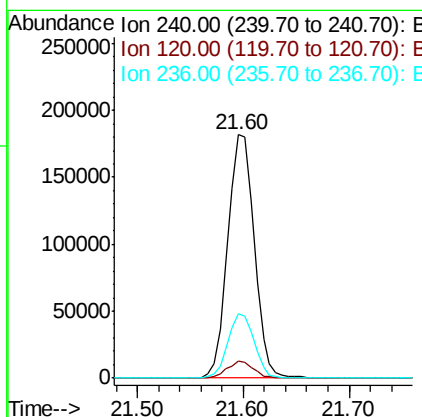
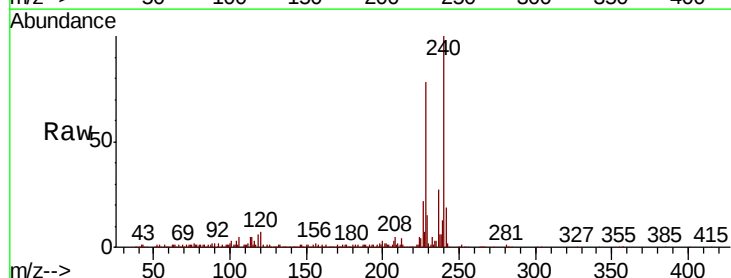
RT: 21.60 min Scan# 3150

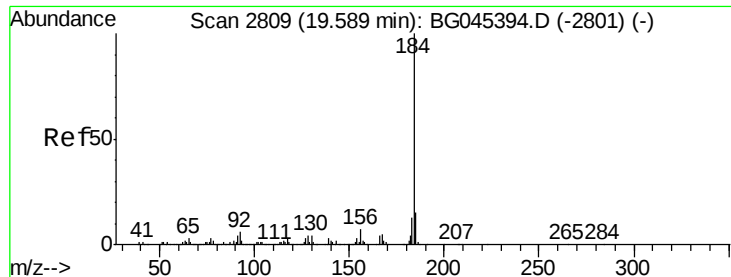
Delta R.T. -0.01 min

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





#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

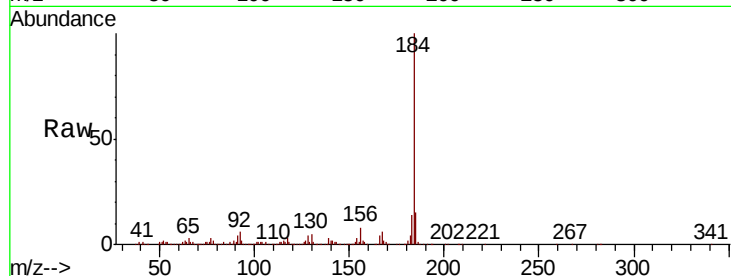
Instrument :

BNA_G

ClientSampleId :

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

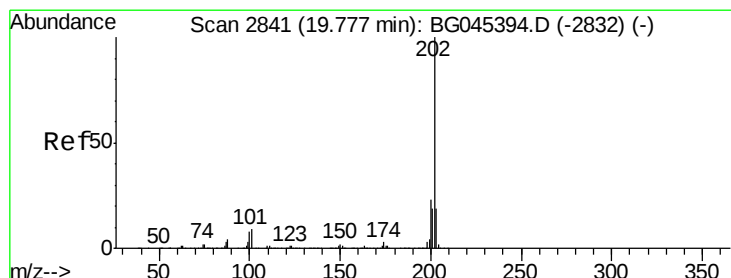
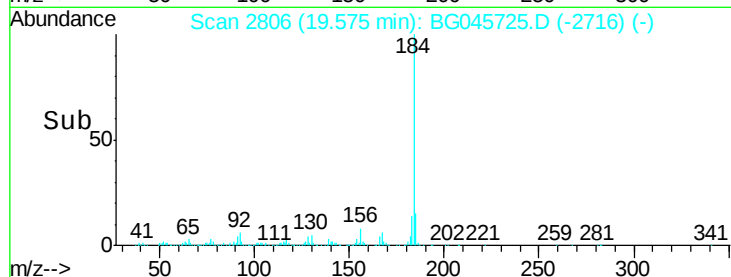
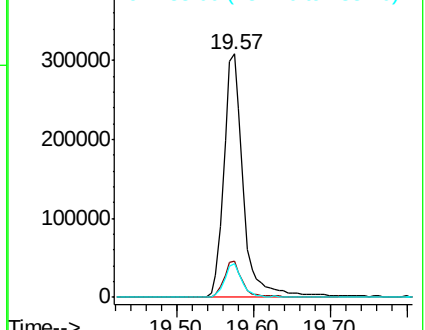


Abundance

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

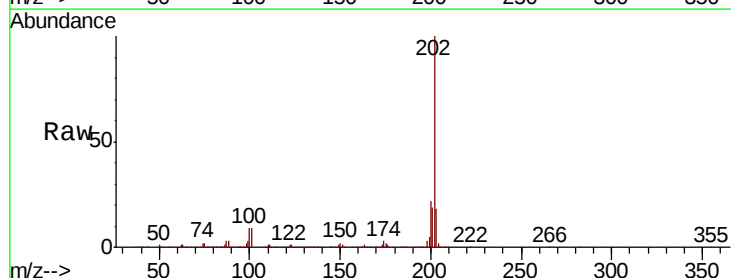
Delta R.T. -0.01 min

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

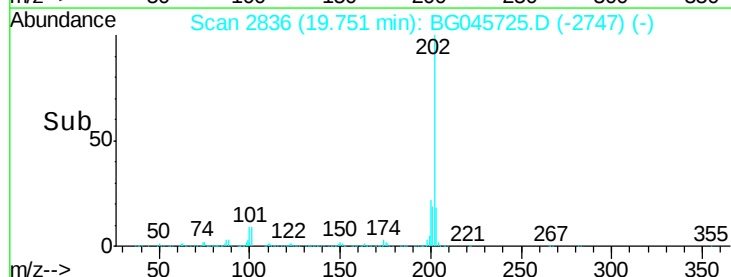
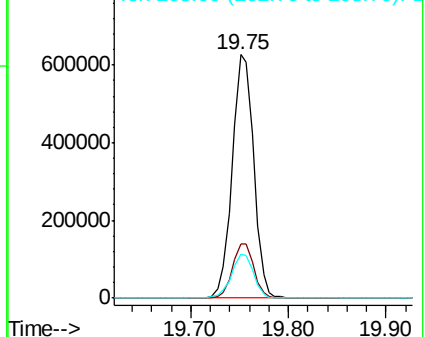


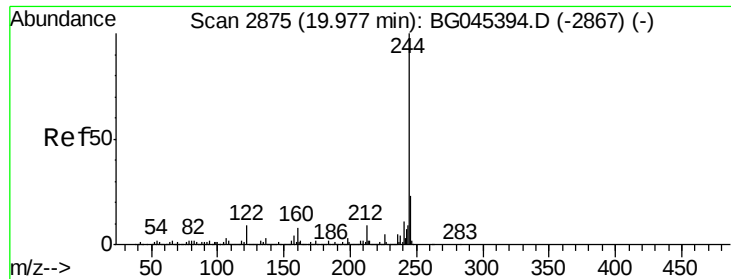
Abundance

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

ClientSampled :

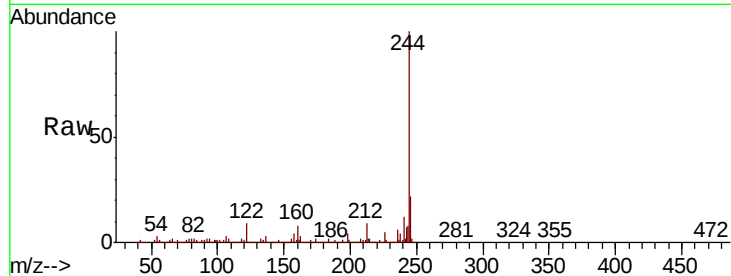
Tot Ion:244 Resp: 1449578

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

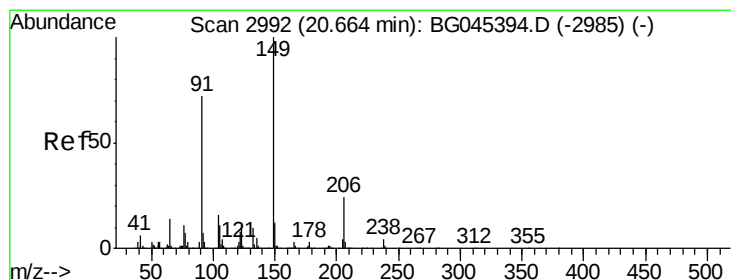
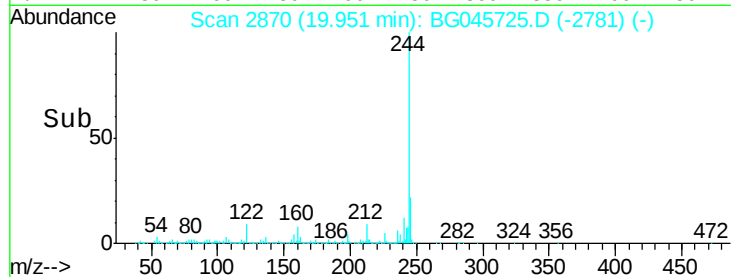
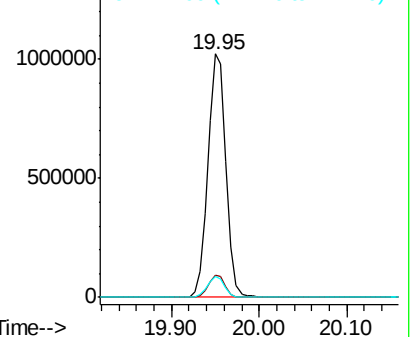
122 8.7 6.8 10.2



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

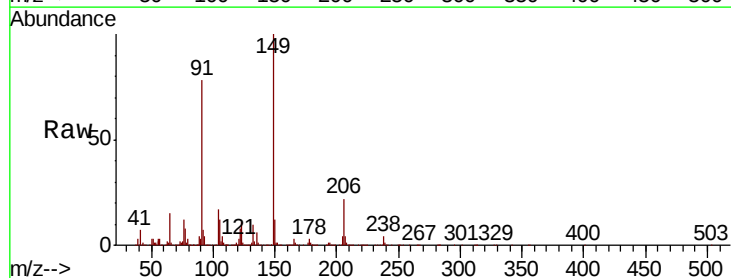
Tgt Ion:149 Resp: 375242

Ion Ratio Lower Upper

149 100

91 78.2 57.8 86.6

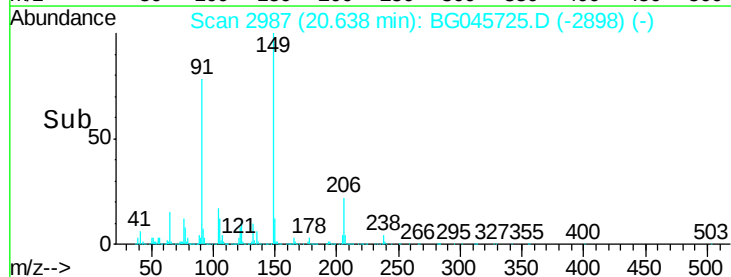
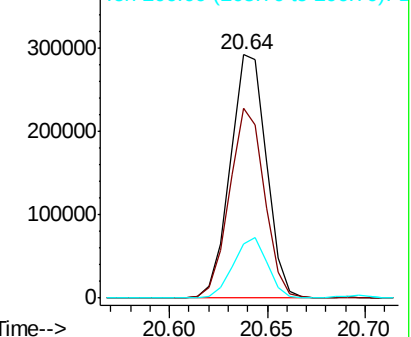
206 22.2 19.1 28.7

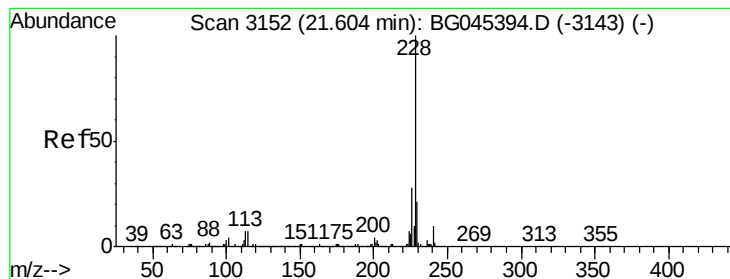


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

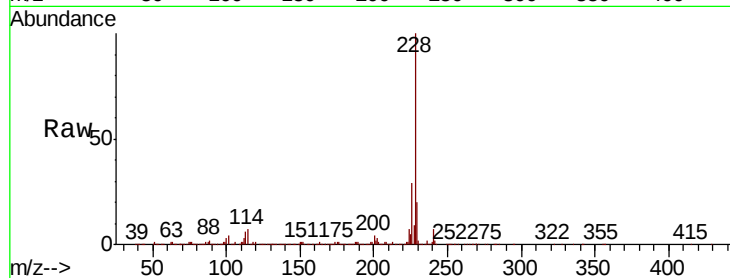
Tot Ion:228 Resp: 866548

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

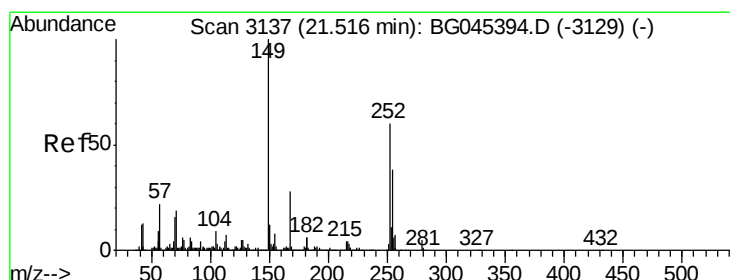
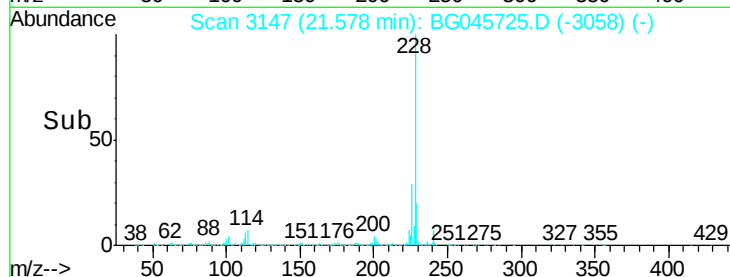
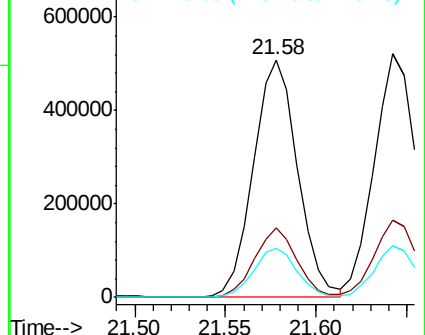
229 20.4 16.7 25.1



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

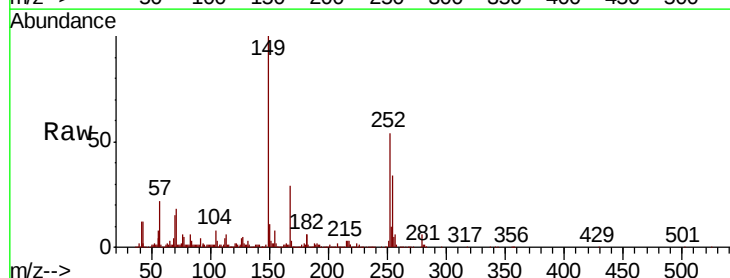
Tgt Ion:252 Resp: 277657

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

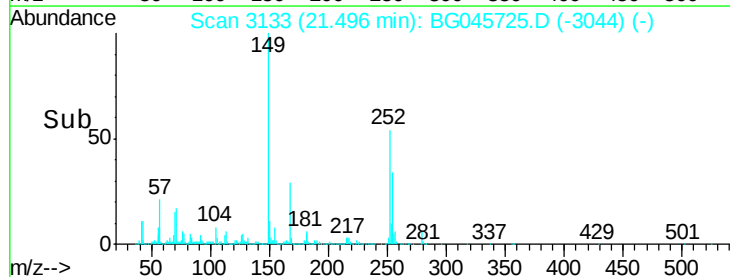
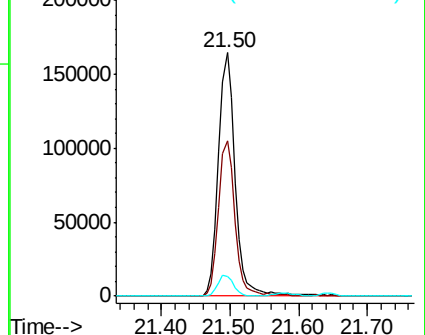
126 7.9 6.6 10.0



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

Chrvsene

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 :

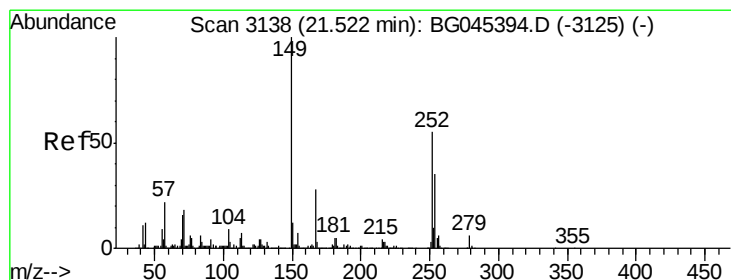
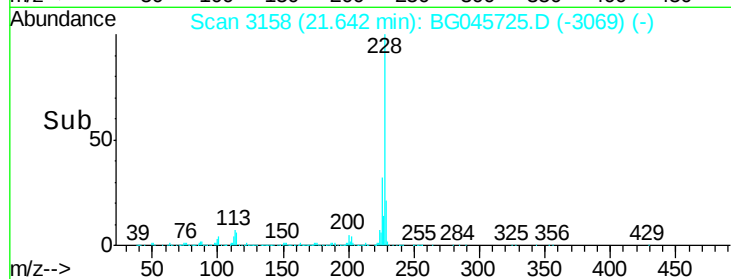
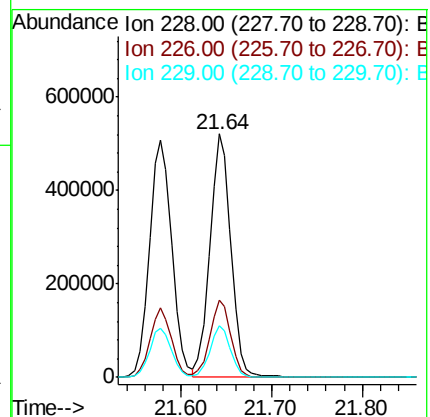
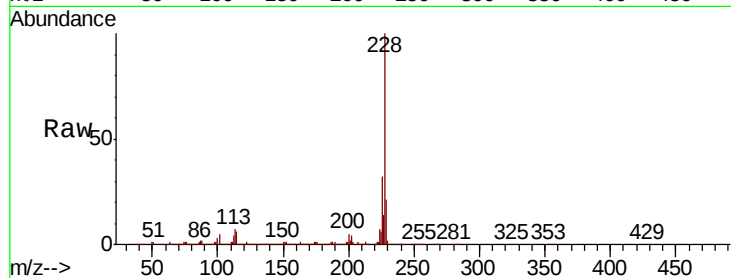
Tot Ion:228 Resp: 836922

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

229 21.0 16.7 25.1



#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

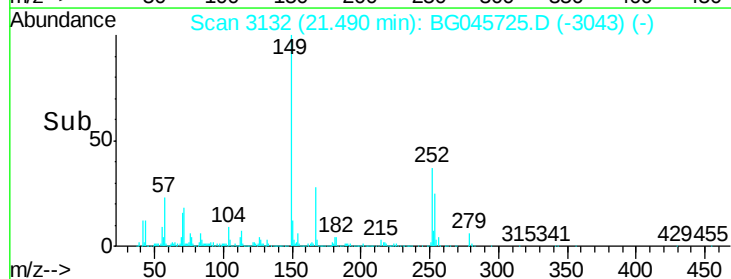
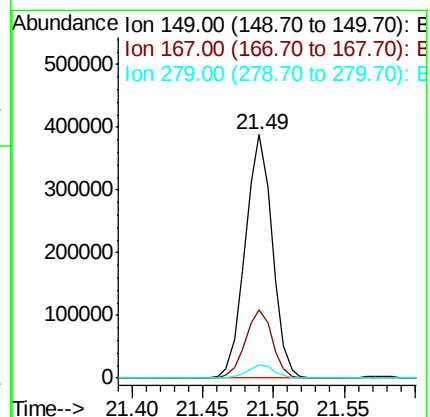
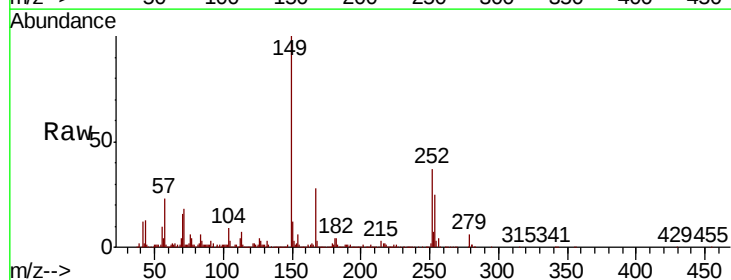
Tgt Ion:149 Resp: 519300

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 5.5 4.7 7.1





#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 :

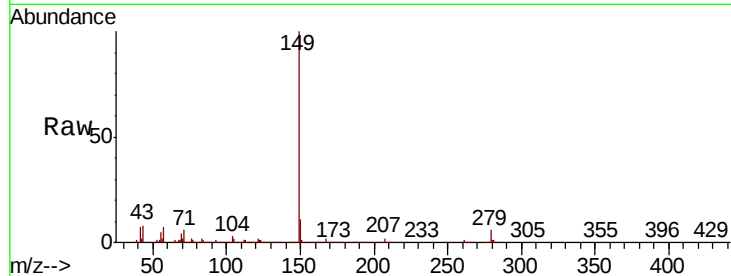
Tot Ion:149 Resp: 881831

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

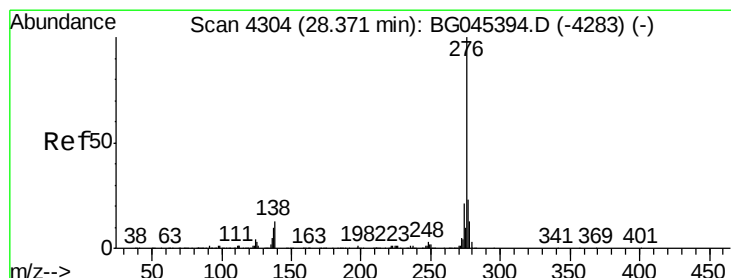
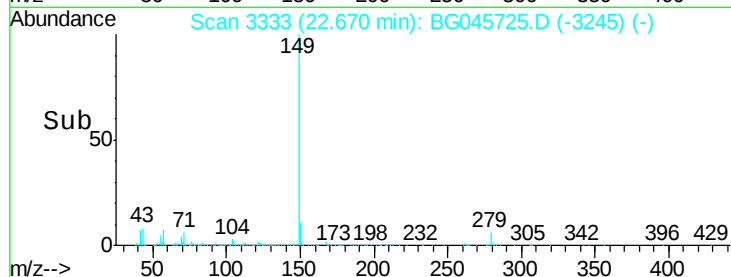
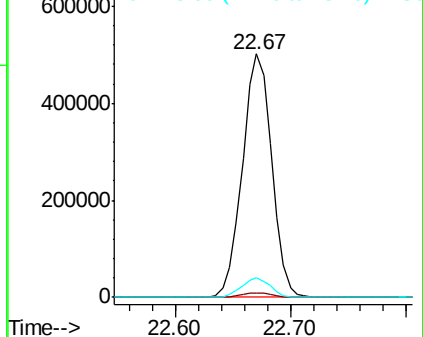
43 7.7 5.8 8.8



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

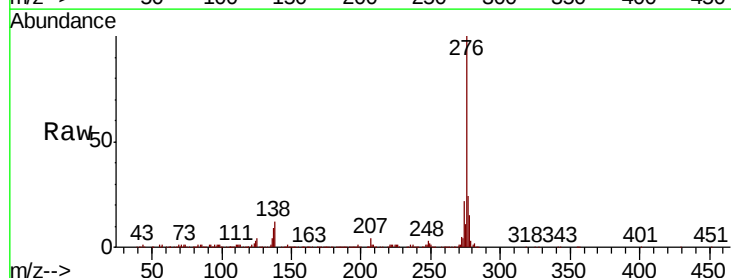
Tgt Ion:276 Resp: 1085792

Ion Ratio Lower Upper

276 100

138 5.8 8.6 12.8#

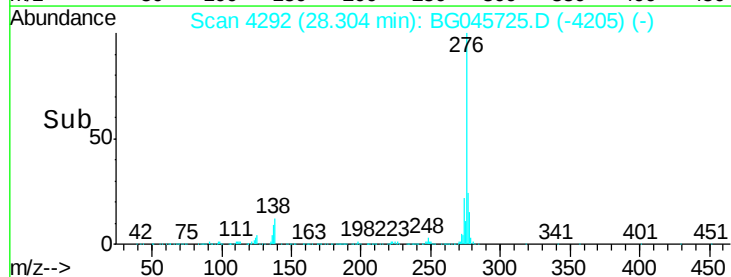
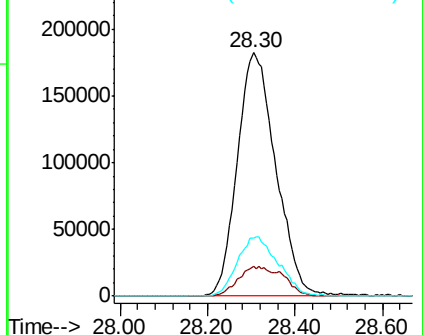
277 25.8 20.2 30.4

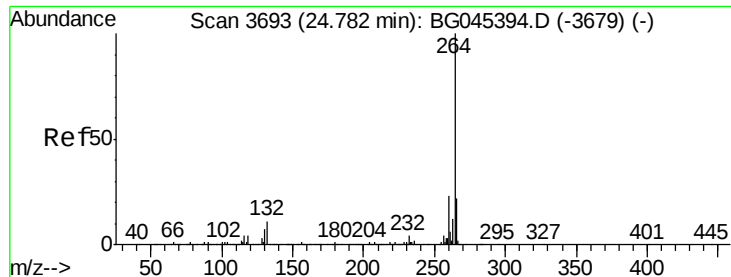


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

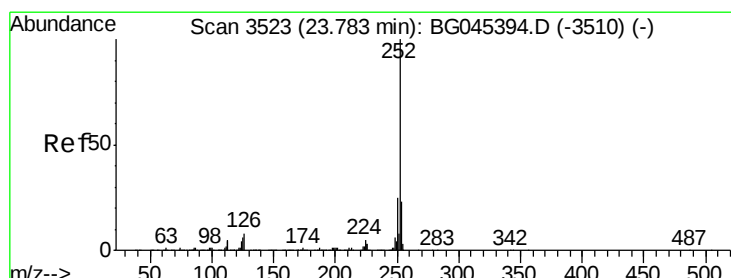
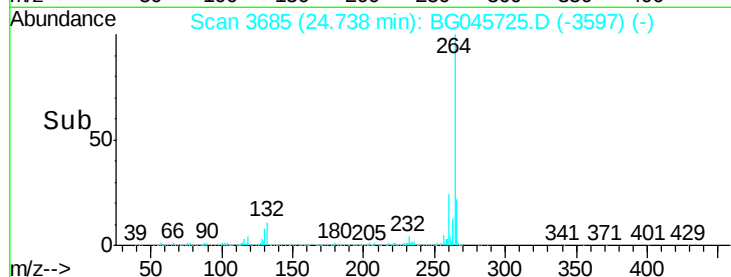
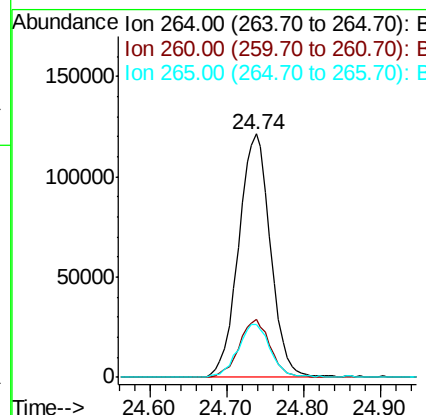
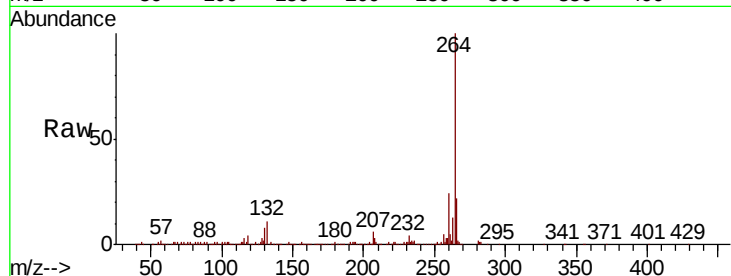




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

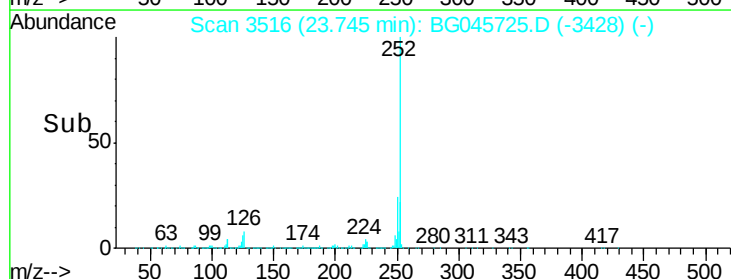
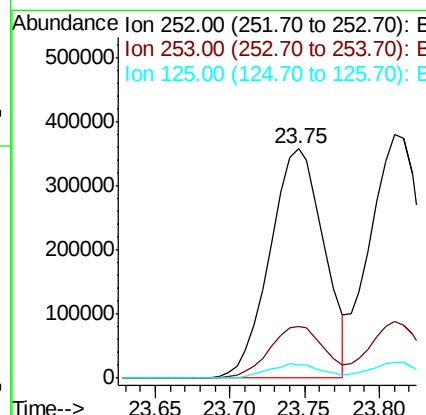
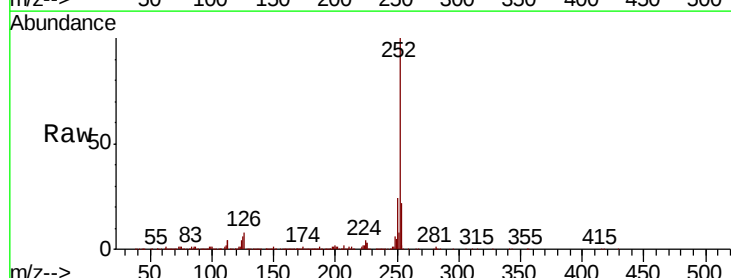
Instrument :
BNA_G
ClientSampleId :

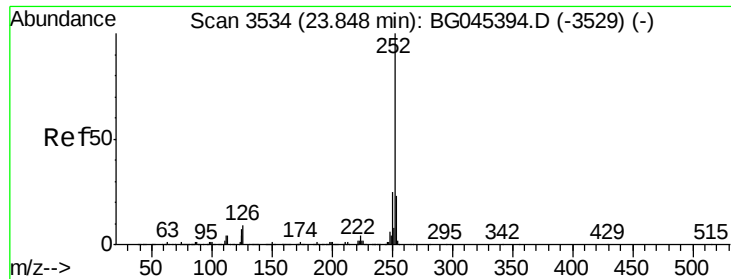
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.9	17.6	26.4



#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	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	5.8	5.0	7.6





#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 :

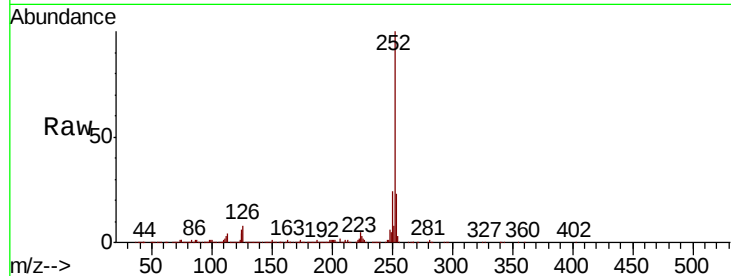
Tot Ion:252 Resp: 932274

Ion Ratio Lower Upper

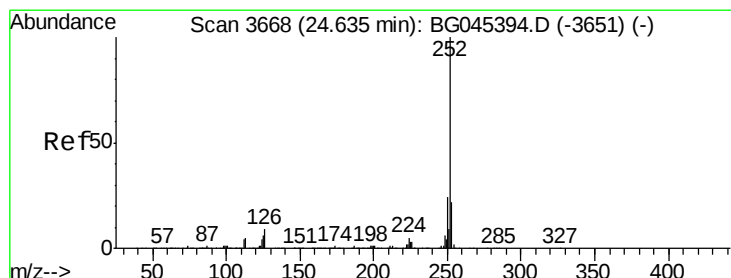
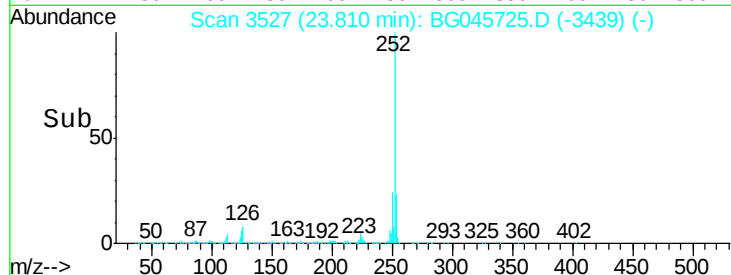
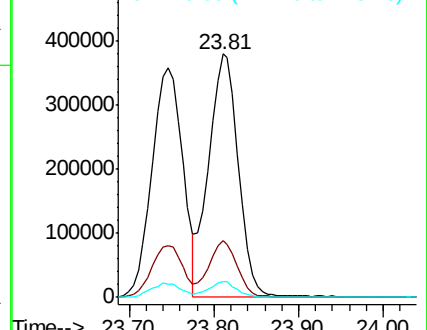
252 100

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

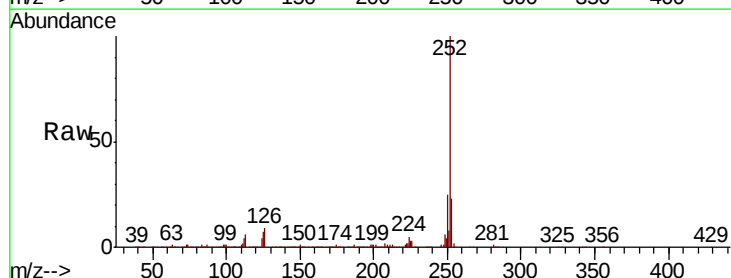
Tgt Ion:252 Resp: 853212

Ion Ratio Lower Upper

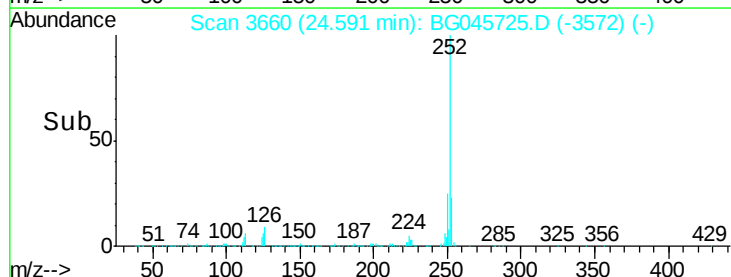
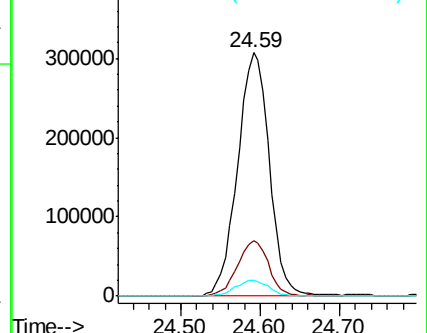
252 100

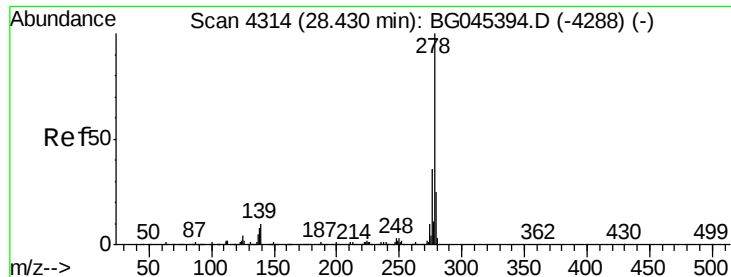
253 22.8 17.2 25.8

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

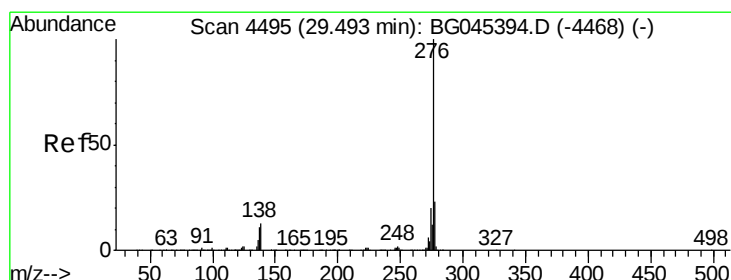
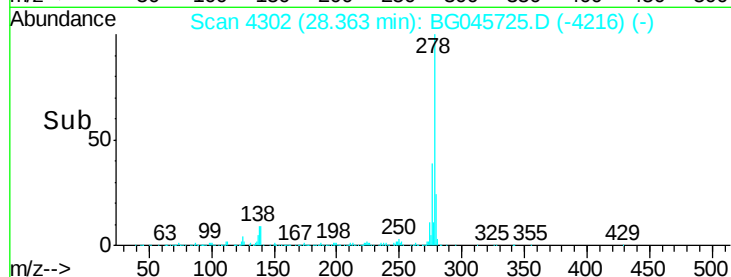
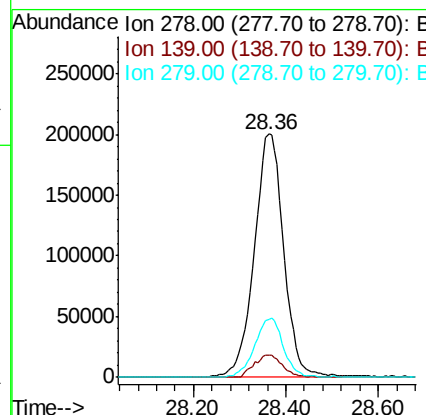
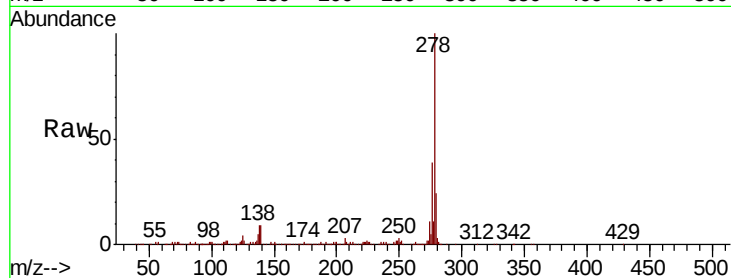




#91
Dibenzo(a,h)anthracene
Concen: 50.540 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.03 min
Lab File: BG045725.D
Acq: 11 Jun 2020 17:35

Instrument :
BNA_G
ClientSampleId :

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

