

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045653.D
 Acq On : 8 Jun 2020 22:17
 Operator : CG/JU
 Sample : SP5150
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Quant Time: Jun 09 11:31:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	94484	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	389319	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	279576	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	649932	20.00	ng	0.00
76) Chrysene-d12	21.60	240	608426	20.00	ng	0.00
87) Perylene-d12	24.75	264	656605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.97	112	68	0.01	ng	0.43
7) Phenol-d6	7.52	99	18043	2.62	ng	0.38
23) Nitrobenzene-d5	9.03	82	27763	3.89	ng	-0.08
42) 2,4,6-Tribromophenol	16.09	330	58	0.02	ng	0.00
45) 2-Fluorobiphenyl	13.12	172	633	0.04	ng	-0.10
79) Terphenyl-d14	19.95	244	223	0.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	76661	31.976	ng	98
3) Pyridine	3.79	79	212567	31.835	ng	94
4) n-Nitrosodimethylamine	3.71	42	95415	43.669	ng	92
6) Aniline	7.27	93	320162	35.642	ng	97
8) 2-Chlorophenol	7.52	128	258566	48.769	ng	100
9) Benzaldehyde	7.08	77	189846	42.345	ng	98
10) Phenol	7.17	94	355032	50.061	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	233427	42.197	ng	97
12) 1,3-Dichlorobenzene	7.83	146	264832	41.566	ng	99
13) 1,4-Dichlorobenzene	7.98	146	267331	42.517	ng	99
14) 1,2-Dichlorobenzene	8.30	146	258774	42.791	ng	98
15) Benzyl Alcohol	8.20	79	267401	47.040	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	212610	40.490	ng	97
17) 2-Methylphenol	8.42	107	230357	43.396	ng	98
18) Hexachloroethane	9.03	117	101556	42.172	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	204221	42.918	ng	95
20) 3+4-Methylphenols	8.75	107	312099	43.176	ng	93
22) Acetophenone	8.77	105	372226	40.340	ng	# 98
24) Nitrobenzene	9.15	77	323472	42.289	ng	97
25) Isophorone	9.68	82	568768	40.453	ng	99
26) 2-Nitrophenol	9.87	139	145294	44.403	ng	92
27) 2,4-Dimethylphenol	9.94	122	228864	47.158	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	315951	42.849	ng	98
29) 2,4-Dichlorophenol	10.42	162	260403	45.438	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	283251	41.827	ng	98
31) Naphthalene	10.81	128	755805	41.660	ng	99
32) Benzoic acid	10.14	122	126254	40.287	ng	96
33) 4-Chloroaniline	10.92	127	176811	23.315	ng	99
34) Hexachlorobutadiene	11.09	225	196380	41.025	ng	97
35) Caprolactam	11.77	113	31240	14.851	ng	87
36) 4-Chloro-3-methylphenol	12.07	107	295313	45.730	ng	96
37) 2-Methylnaphthalene	12.42	142	573024	42.377	ng	97
38) 1-Methylnaphthalene	12.42	142	573024	44.862	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	324987	41.617	ng	98

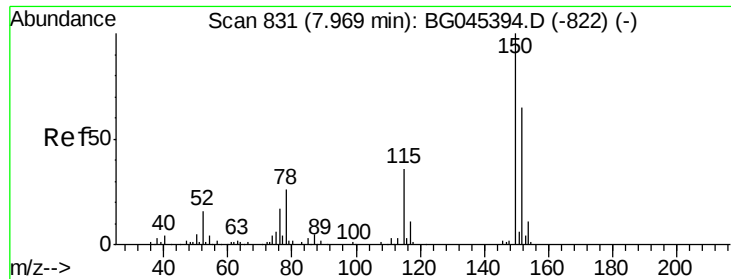
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045653.D
 Acq On : 8 Jun 2020 22:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	406514	90.192	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	231383	42.654	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	237999	38.394	nq	99
46) 1,1'-Biphenyl	13.43	154	724370	42.167	nq	100
47) 2-Chloronaphthalene	13.47	162	570183	40.874	nq	99
48) 2-Nitroaniline	13.67	65	188406	41.059	nq	93
49) Acenaphthylene	14.32	152	912854	40.740	nq	100
50) Dimethylphthalate	14.06	163	749072	39.057	nq	98
51) 2,6-Dinitrotoluene	14.17	165	174819	40.396	nq	97
52) Acenaphthene	14.66	154	549583	36.642	nq	100
53) 3-Nitroaniline	14.51	138	122972	27.953	nq	# 96
54) 2,4-Dinitrophenol	14.71	184	196417	70.016	nq	96
55) Dibenzofuran	15.00	168	888617	39.896	nq	95
56) 4-Nitrophenol	14.85	139	232071	69.677	nq	91
57) 2,4-Dinitrotoluene	14.97	165	250941	40.038	nq	98
58) Fluorene	15.65	166	740658	40.476	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	221981	40.703	nq	100
60) Diethylphthalate	15.42	149	777285	38.939	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	418122	39.931	nq	99
62) 4-Nitroaniline	15.68	138	173989	37.884	nq	97
63) Azobenzene	15.93	77	758719	40.762	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	161906	42.774	nq	92
66) n-Nitrosodiphenylamine	15.85	169	660359	42.318	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	287787	40.892	nq	98
68) Hexachlorobenzene	16.66	284	312554	42.462	nq	95
69) Atrazine	16.81	200	257150	40.008	nq	99
70) Pentachlorophenol	17.00	266	302738	79.208	nq	99
71) Phenanthrene	17.39	178	1165641	41.083	nq	99
72) Anthracene	17.48	178	1186219	41.632	nq	98
73) Carbazole	17.75	167	1102717	39.703	nq	99
74) Di-n-butylphthalate	18.31	149	1306767	39.200	nq	98
75) Fluoranthene	19.40	202	1434345	39.745	nq	98
77) Benzidine	19.58	184	822146	48.113	nq	99
78) Pyrene	19.76	202	1406438	40.551	nq	99
80) Butylbenzylphthalate	20.65	149	599936	40.075	nq	98
81) Benzo(a)anthracene	21.59	228	1377201	40.633	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	386570	29.076	nq	99
83) Chrysene	21.65	228	1323977	40.625	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	826639	40.170	nq	98
85) Di-n-octyl phthalate	22.68	149	1358697	38.442	nq	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1719826	40.355	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1474034	41.859	nq	99
89) Benzo(k)fluoranthene	23.82	252	1428694	43.184	nq	99
90) Benzo(a)pyrene	24.61	252	1358713	41.429	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1401608	42.528	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1405155	42.631	nq	98

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

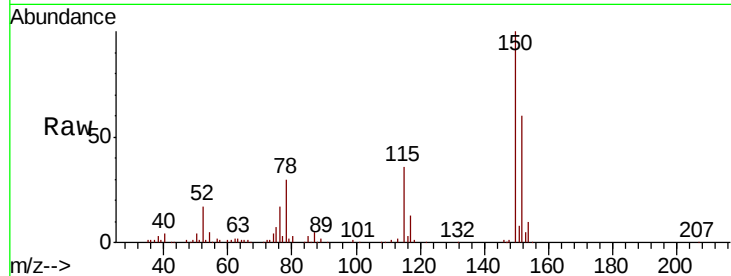


#1

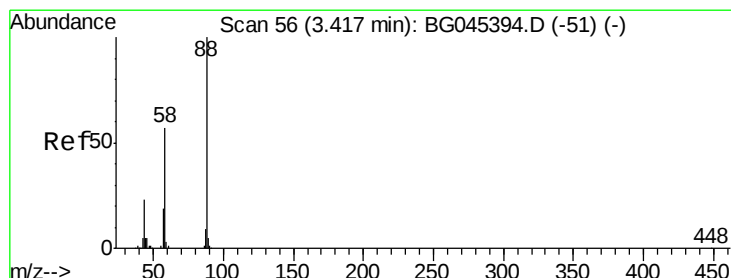
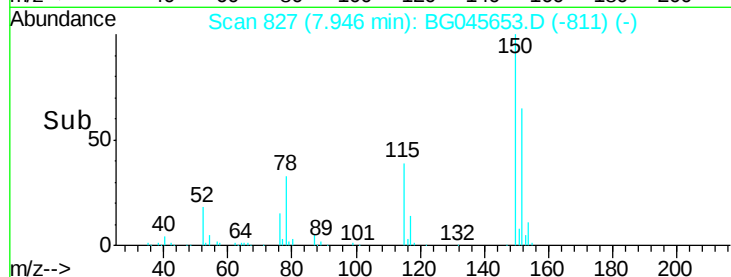
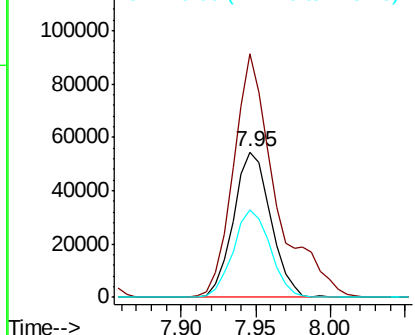
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:152 Resp: 94484
Ion Ratio Lower Upper
152 100
150 167.8 122.4 183.6
115 59.9 44.2 66.4



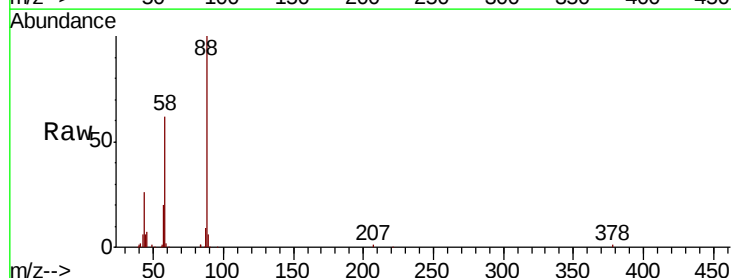
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



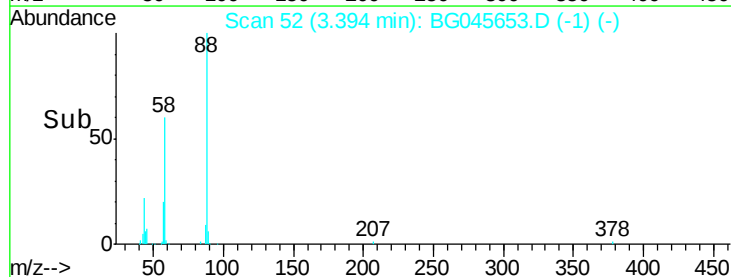
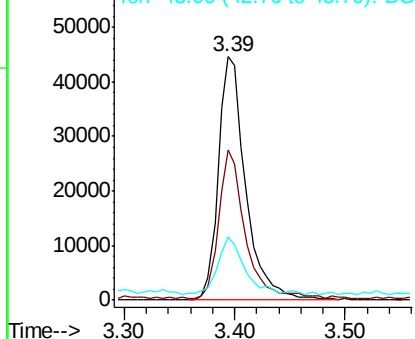
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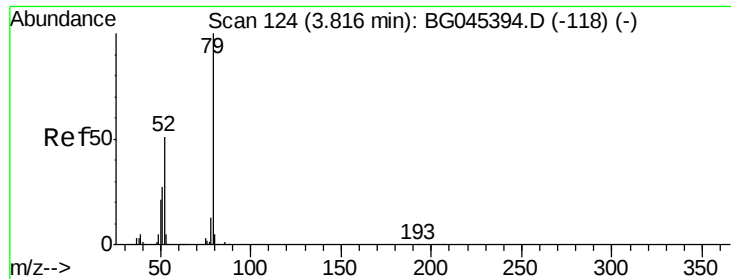
1,4-Dioxane
Concen: 31.976 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion: 88 Resp: 76661
Ion Ratio Lower Upper
88 100
58 57.9 45.7 68.5
43 22.8 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: 31.835 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

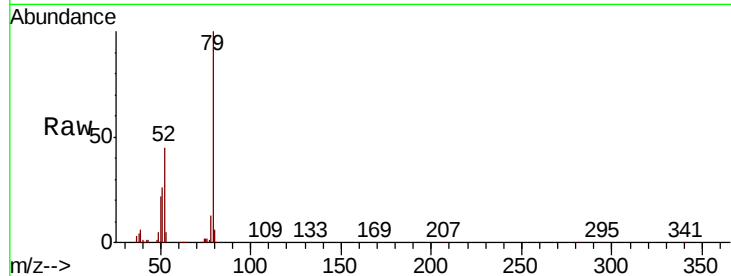
Tot Ion: 79 Resp: 212567

Ion Ratio Lower Upper

79 100

52 45.4 40.8 61.2

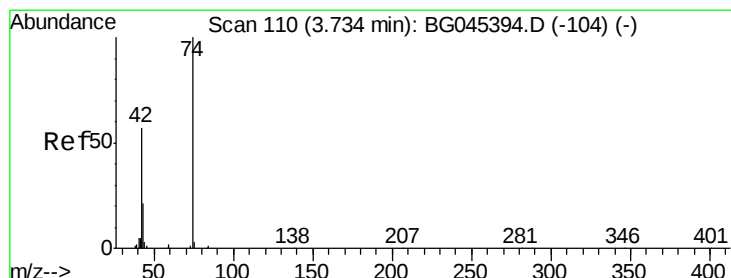
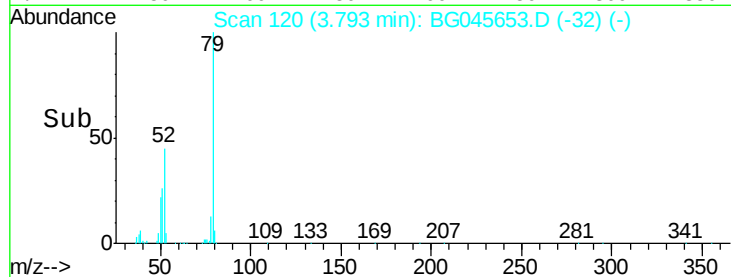
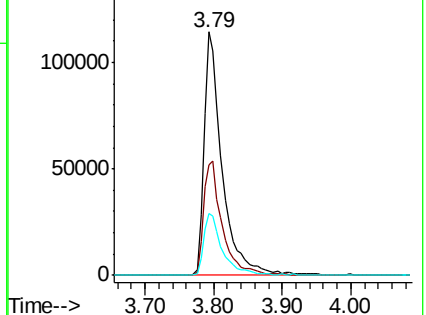
51 25.7 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.669 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

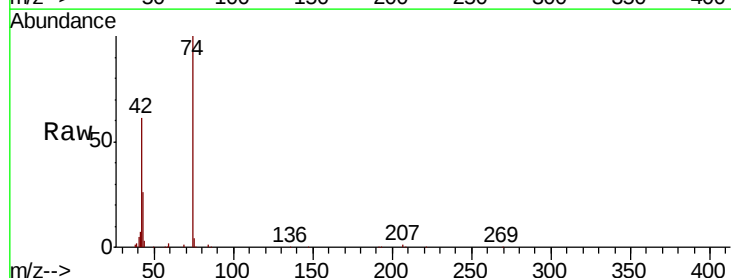
Tgt Ion: 42 Resp: 95415

Ion Ratio Lower Upper

42 100

74 164.6 141.3 211.9

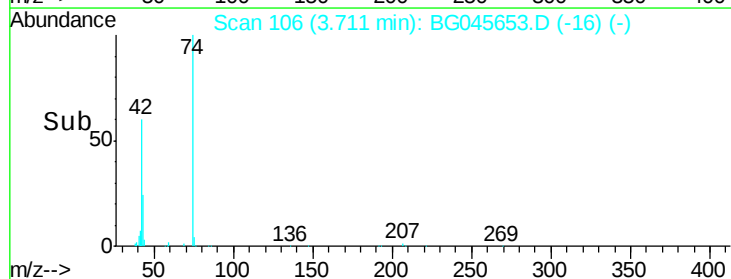
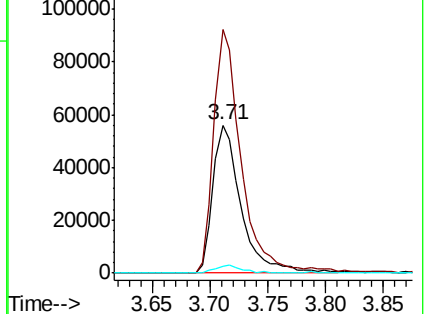
44 4.9 4.2 6.4

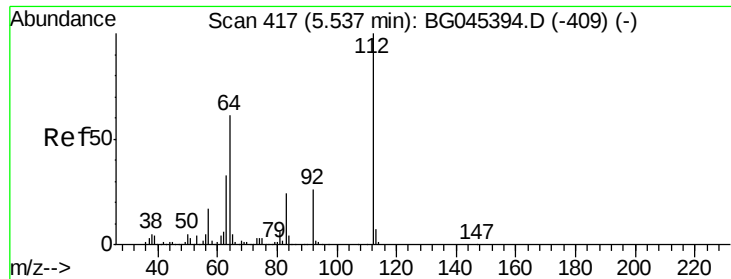


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 0.014 ng

RT: 5.97 min Scan# 490

Delta R.T. 0.43 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampled :

SP5150

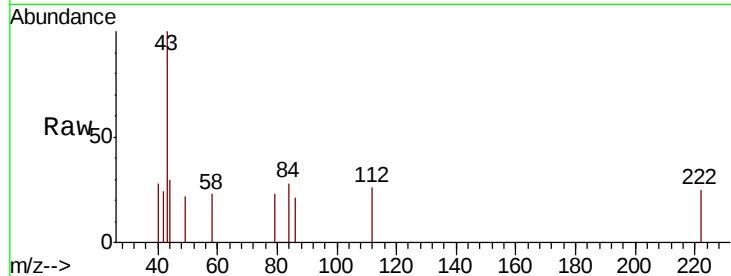
Tot Ion:112 Resp: 68

Ion Ratio Lower Upper

112 100

64 0.0 48.6 72.8#

63 0.0 26.5 39.7#

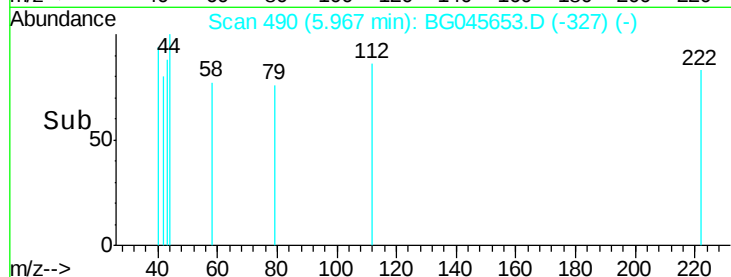


Abundance Ion 112.00 (111.70 to 112.70): B

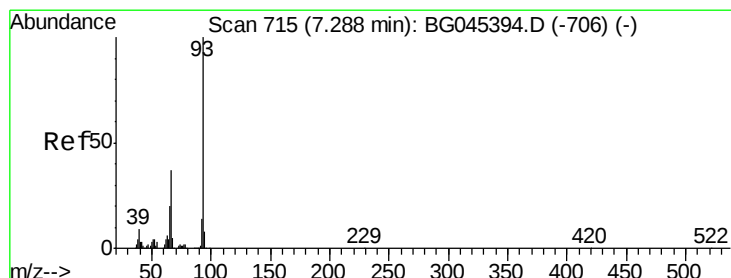
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.97



Time-->



#6

Aniline

Concen: 35.642 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

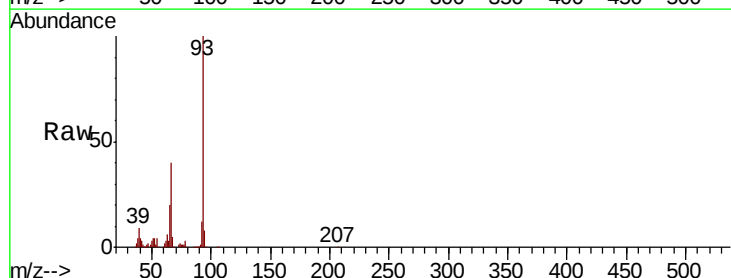
Tgt Ion: 93 Resp: 320162

Ion Ratio Lower Upper

93 100

66 39.9 29.6 44.4

65 20.2 15.9 23.9

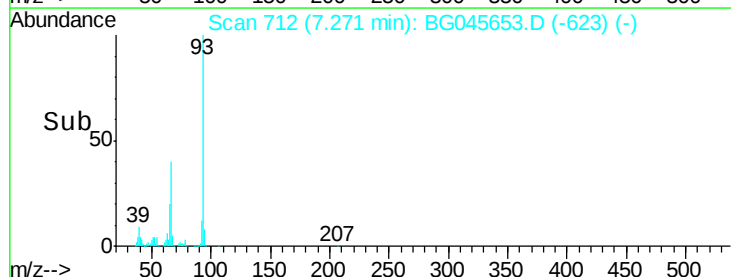


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.27



Time-->



#7

Phenol-d6

Concen: 2.622 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.38 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

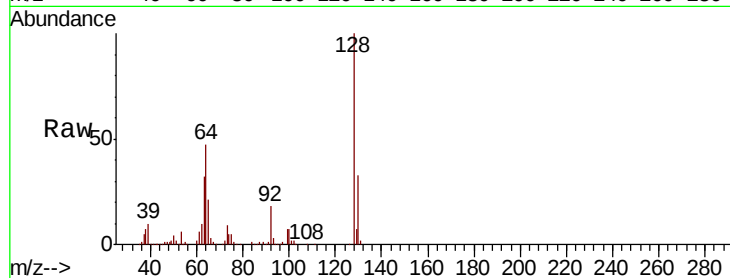
Tot Ion: 99 Resp: 18043

Ion Ratio Lower Upper

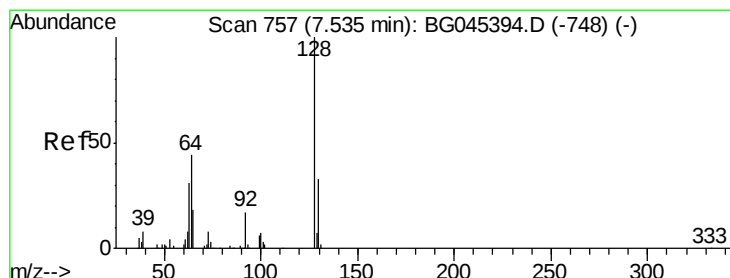
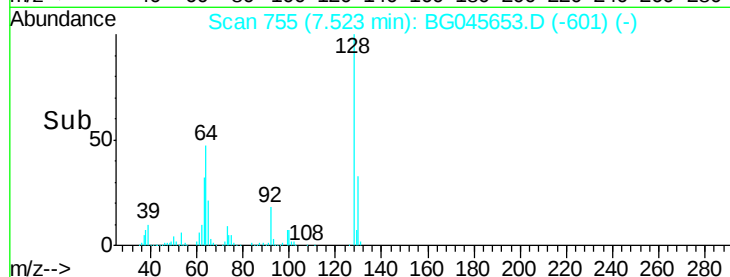
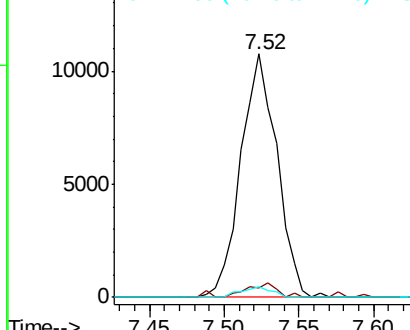
99 100

42 4.0 11.3 16.9#

71 4.2 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: 48.769 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

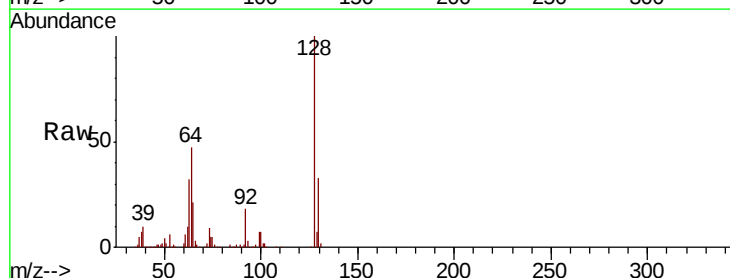
Tgt Ion: 128 Resp: 258566

Ion Ratio Lower Upper

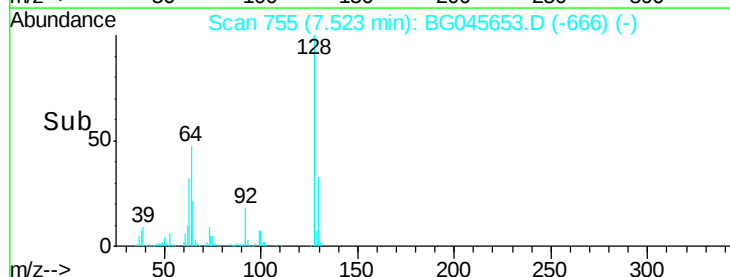
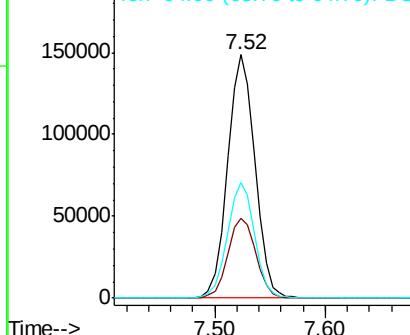
128 100

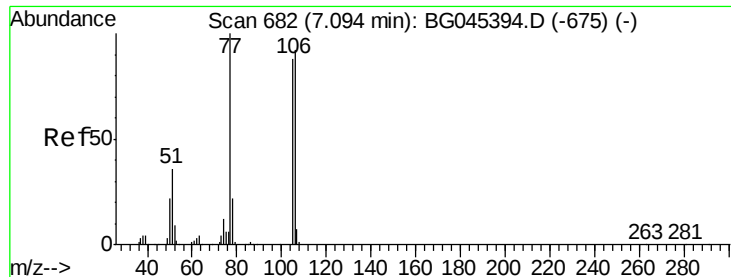
130 32.5 12.6 52.6

64 47.3 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: 42.345 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampled :

SP5150

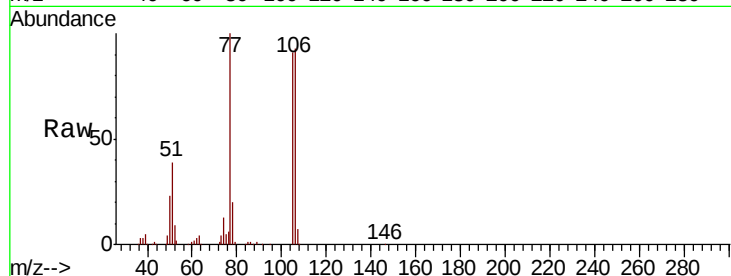
Tot Ion: 77 Resp: 189846

Ion Ratio Lower Upper

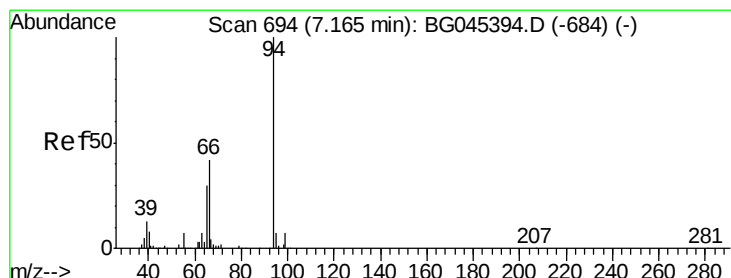
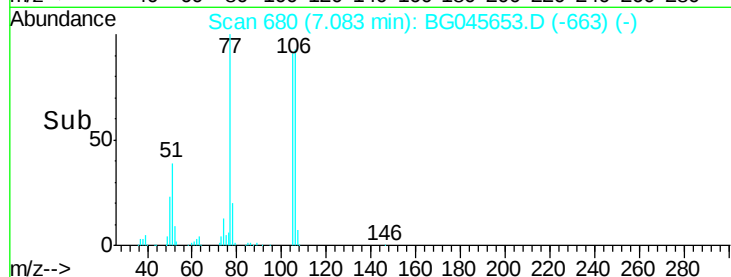
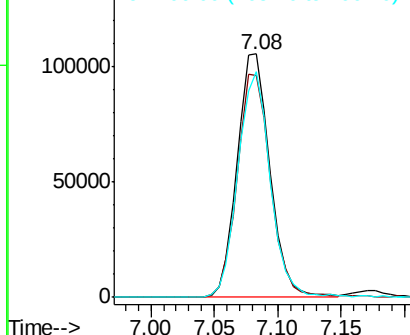
77 100

105 91.4 68.5 108.5

106 92.9 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: 50.061 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

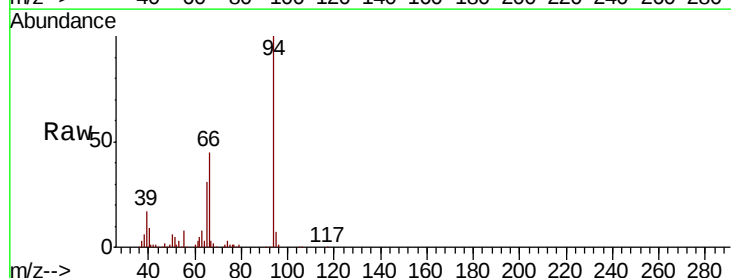
Tgt Ion: 94 Resp: 355032

Ion Ratio Lower Upper

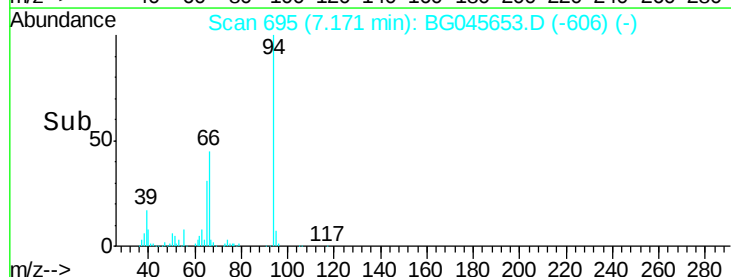
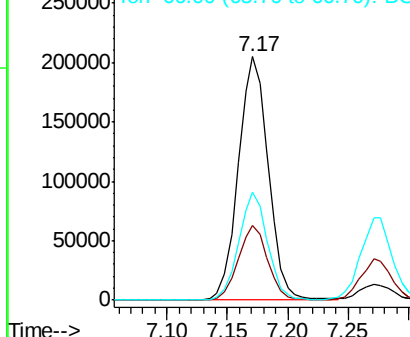
94 100

65 30.5 9.8 49.8

66 44.5 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

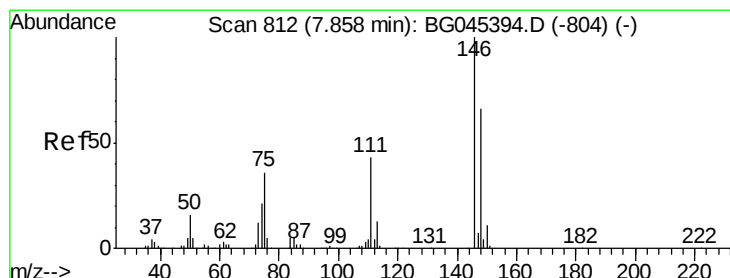
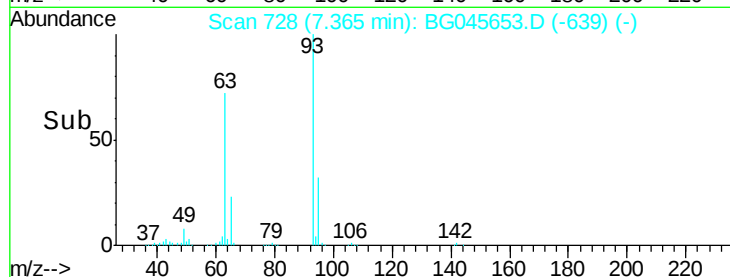
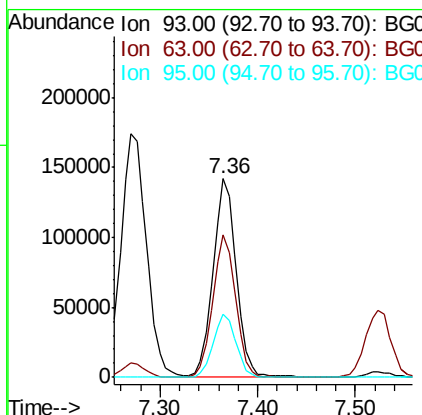
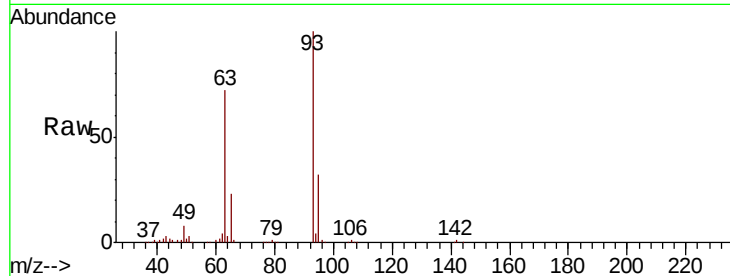




#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

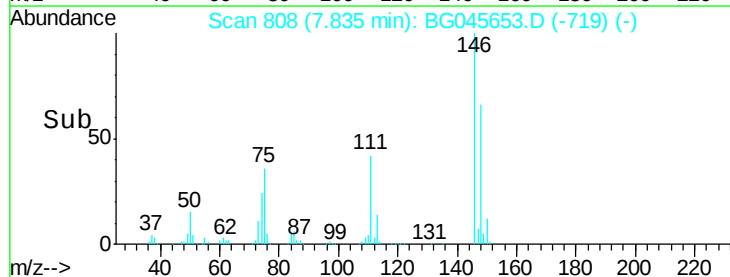
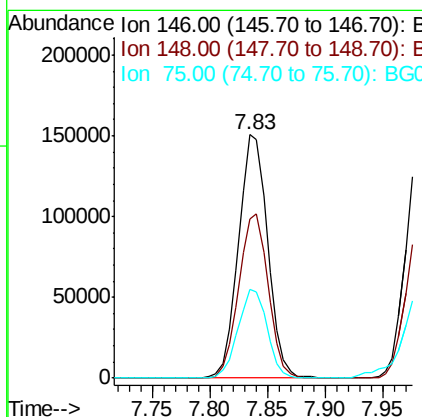
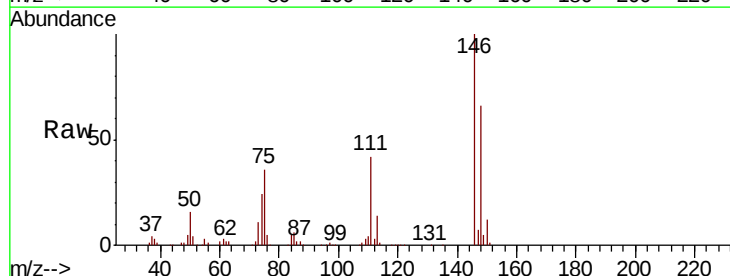
Instrument :
BNA_G
ClientSampleId :
SP5150

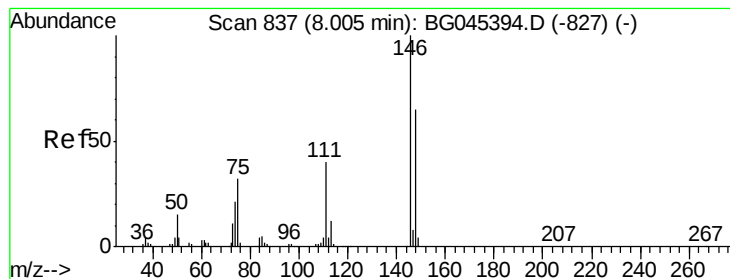
Tot Ion	93	Resp	233427
Ion	Ratio	Lower	Upper
93	100		
63	71.8	48.4	88.4
95	32.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.566 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	146	Resp	264832
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.2	79.8
75	36.4	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 42.517 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

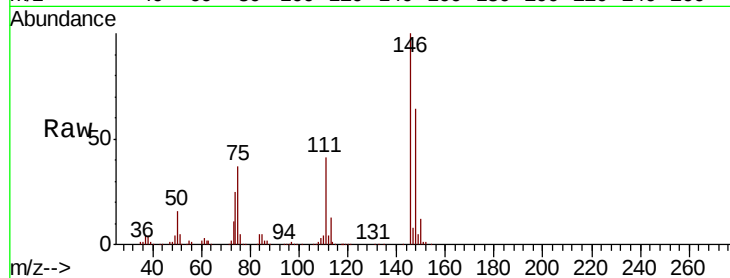
Tot Ion:146 Resp: 267331

Ion Ratio Lower Upper

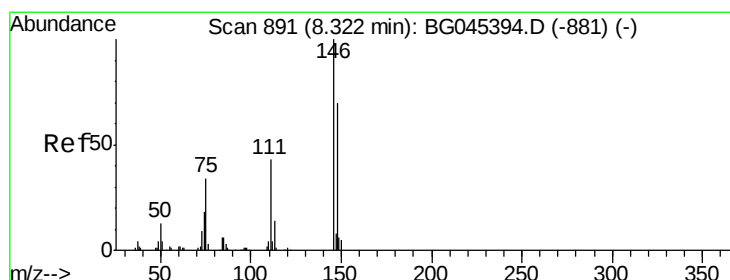
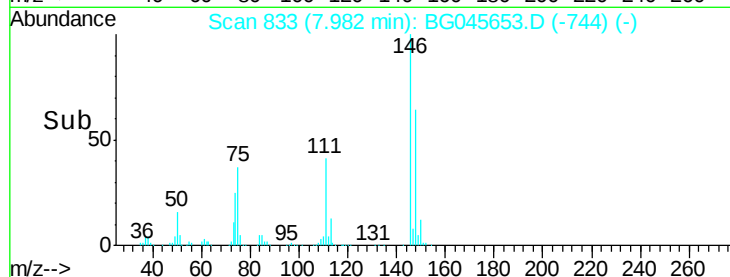
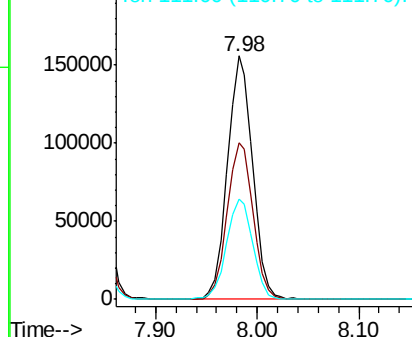
146 100

148 64.5 51.8 77.8

111 41.4 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: 42.791 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

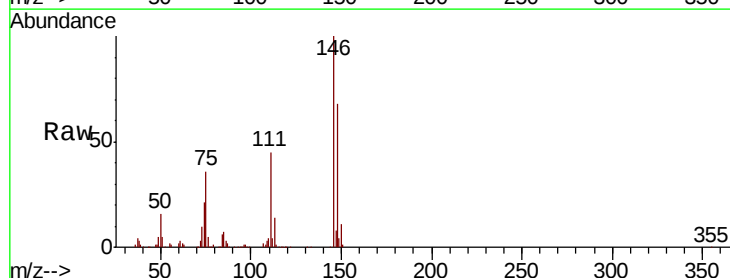
Tgt Ion:146 Resp: 258774

Ion Ratio Lower Upper

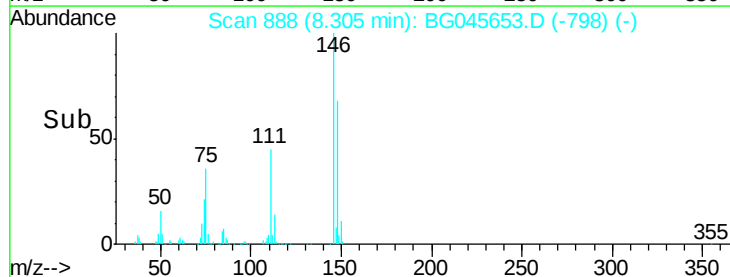
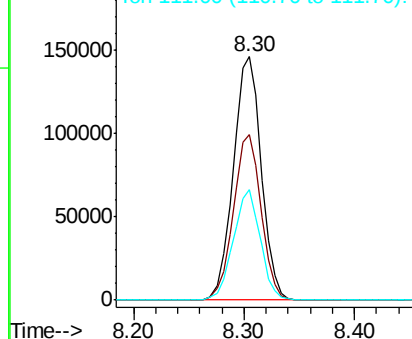
146 100

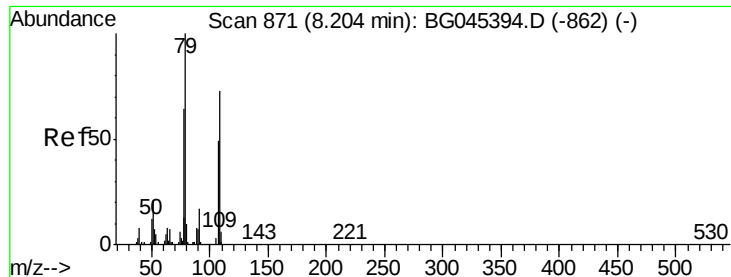
148 68.2 55.9 83.9

111 45.3 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: 47.040 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

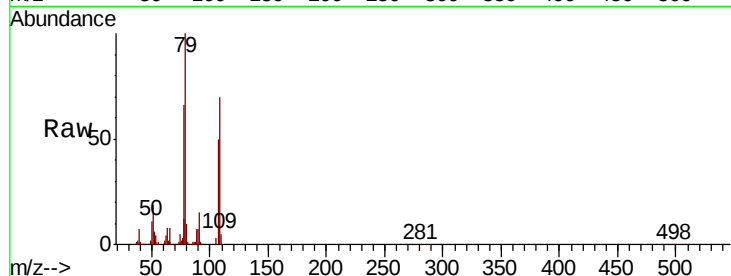
Tot Ion: 79 Resp: 267401

Ion Ratio Lower Upper

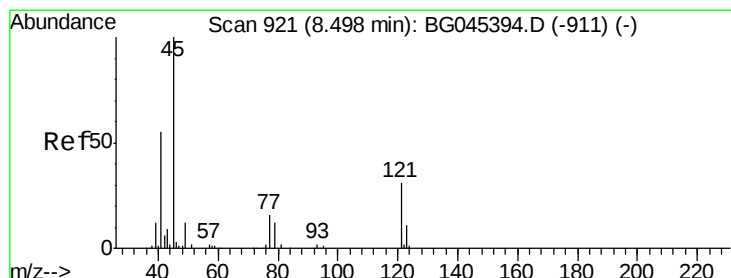
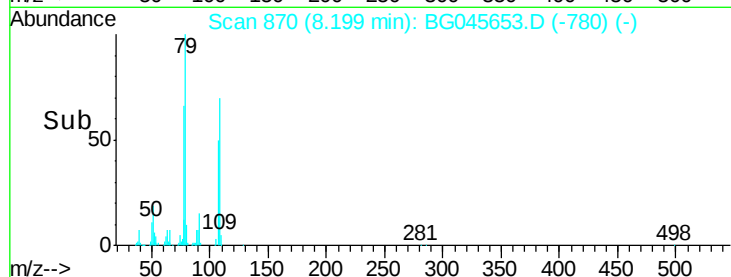
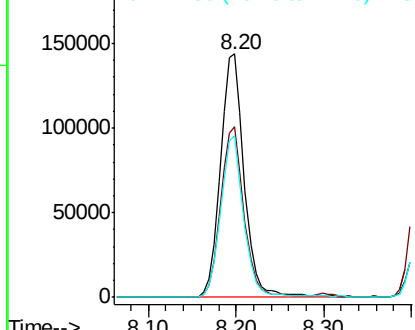
79 100

108 70.2 58.2 87.4

77 66.3 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: 40.490 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

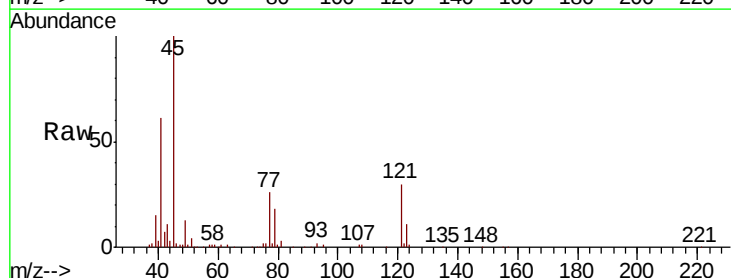
Tgt Ion: 45 Resp: 212610

Ion Ratio Lower Upper

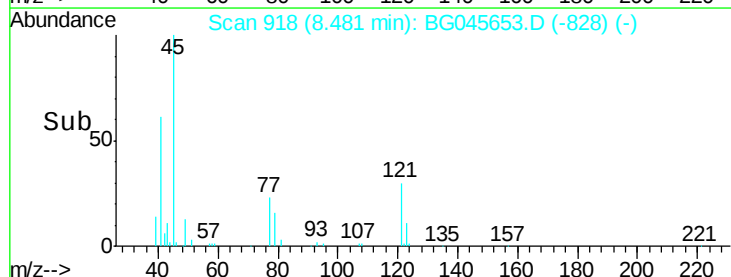
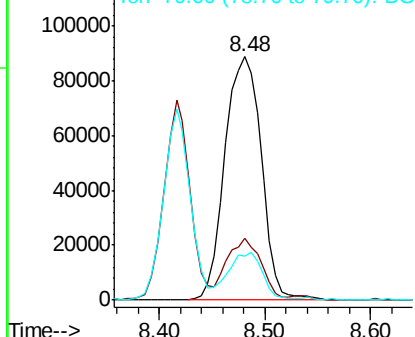
45 100

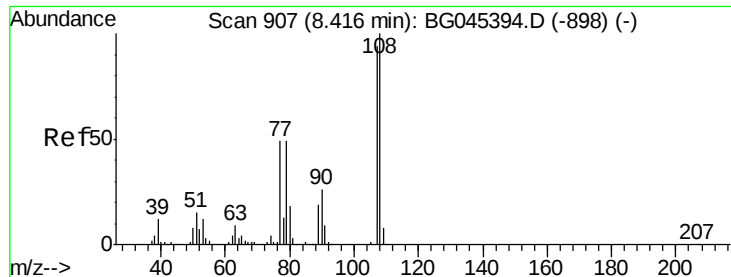
77 25.6 4.0 44.0

79 17.8 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: 43.396 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

Tot Ion:107 Resp: 230357

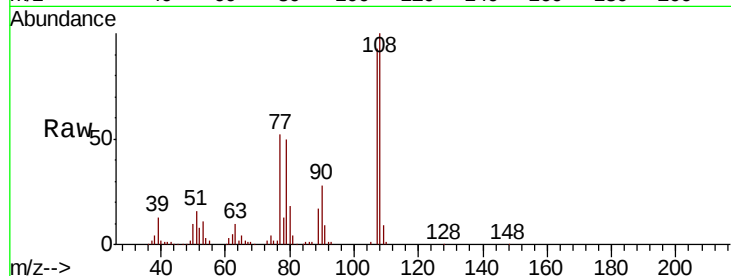
Ion Ratio Lower Upper

107 100

108 107.4 85.2 127.8

77 55.9 41.6 62.4

79 53.4 41.8 62.8

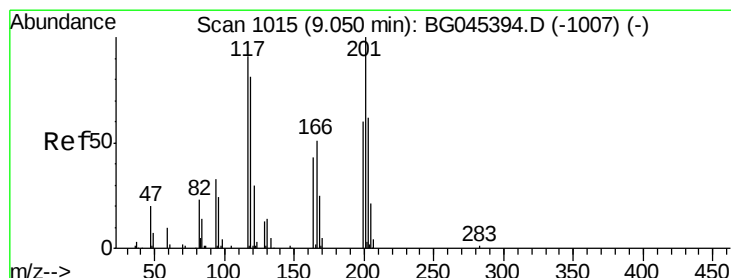
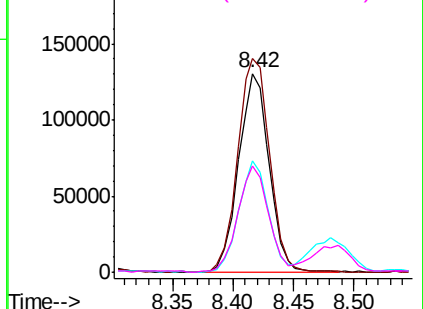
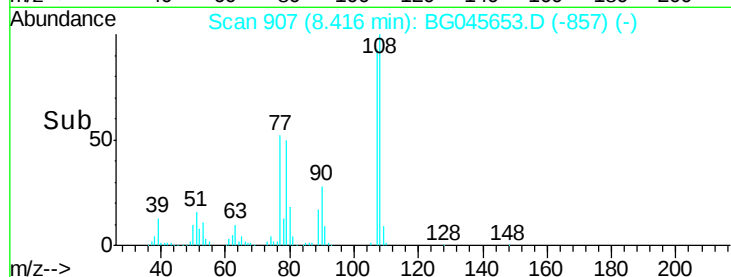


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.172 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

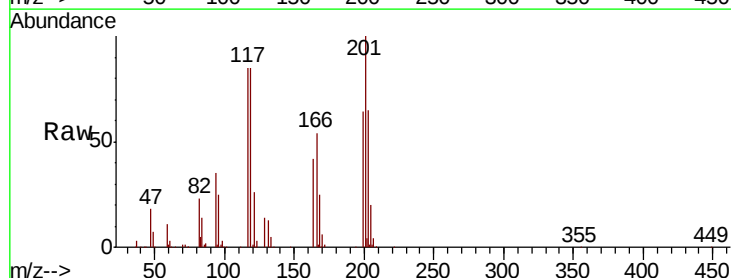
Tgt Ion:117 Resp: 101556

Ion Ratio Lower Upper

117 100

119 100.4 71.3 106.9

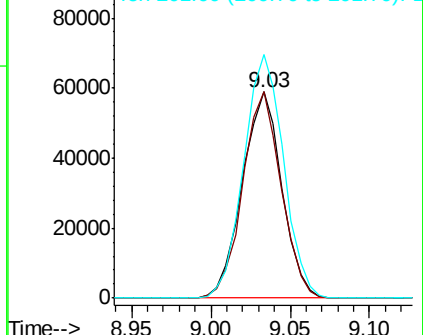
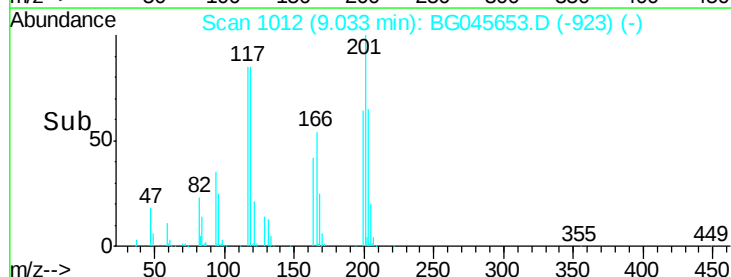
201 118.2 87.5 131.3

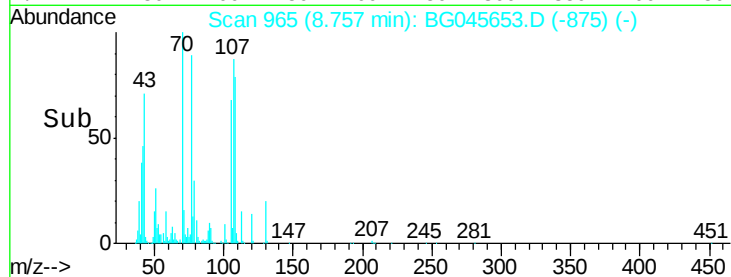
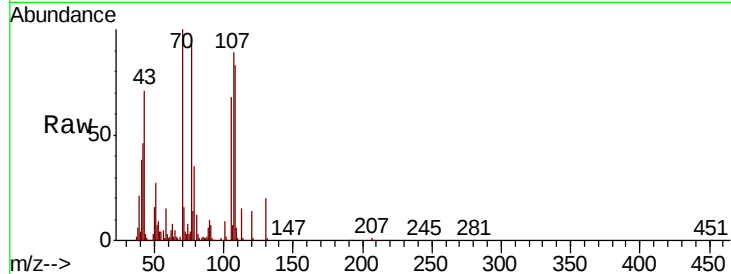
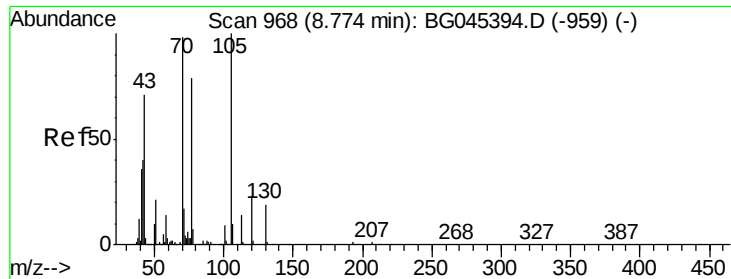


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

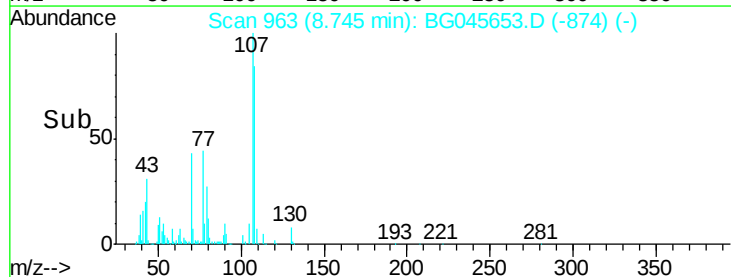
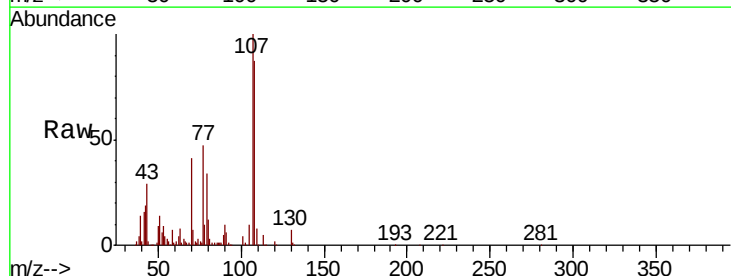
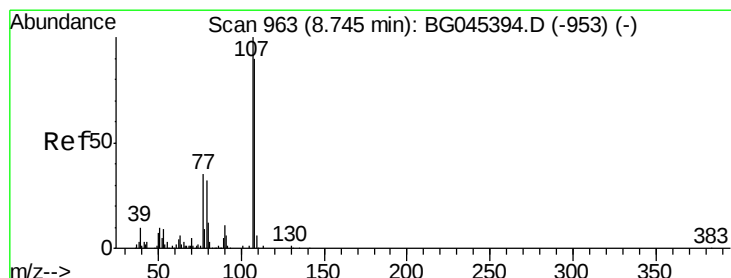
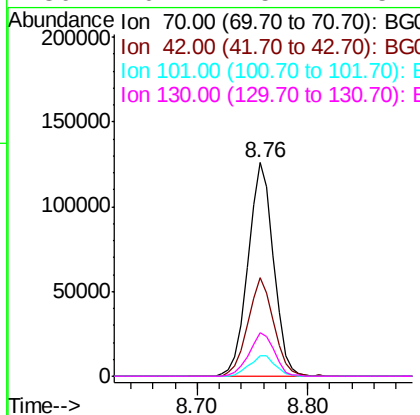




#19
n-Nitroso-di-n-propylamine
Concen: 42.918 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

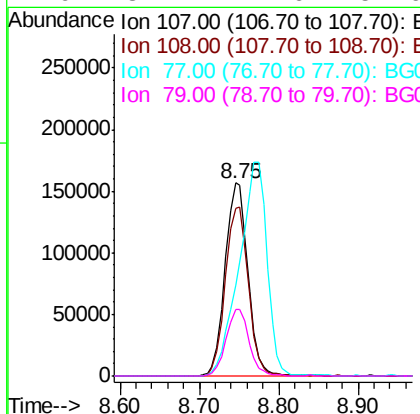
Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:	70	Resp:	204221
Ion	Ratio	Lower	Upper
70	100		
42	46.0	33.2	49.8
101	9.4	7.8	11.6
130	20.2	15.4	23.2



#20
3+4-Methylphenols
Concen: 43.176 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:	107	Resp:	312099
Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.3	110.3
77	47.1	15.4	55.4
79	34.4	12.6	52.6

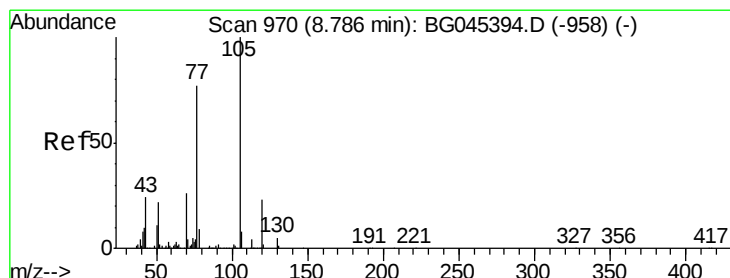
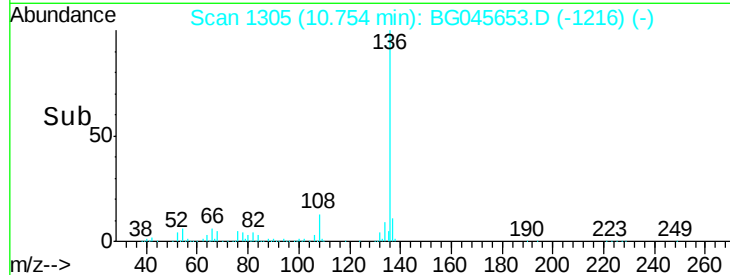
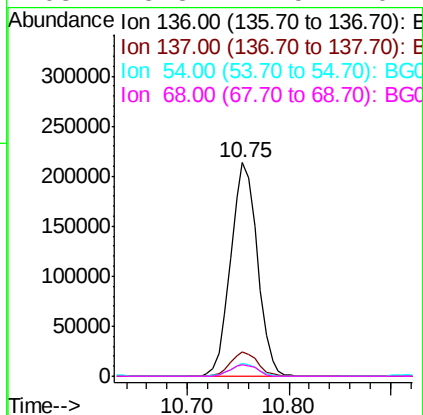
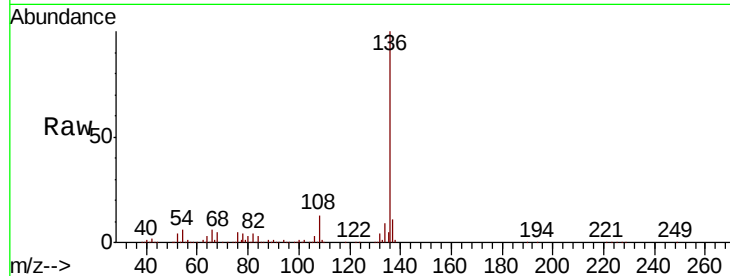




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

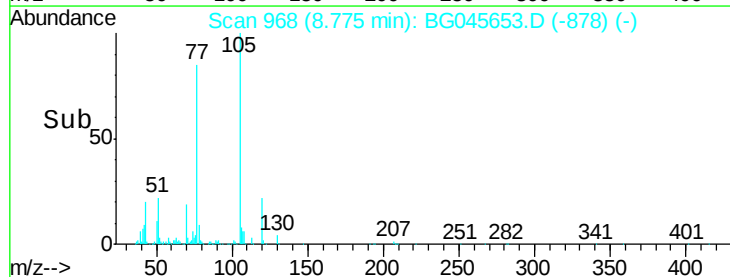
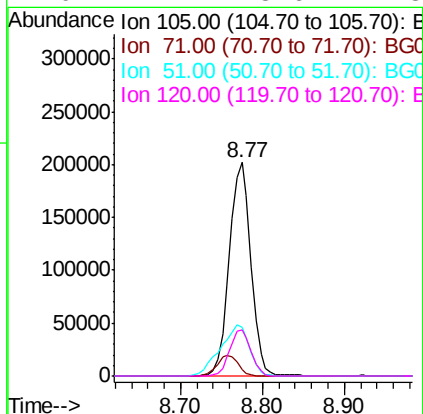
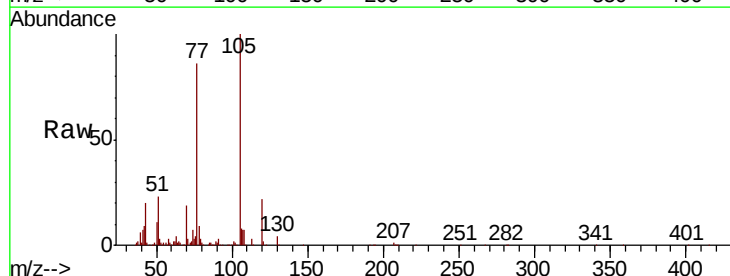
Instrument :
BNA_G
ClientSampleId :
SP5150

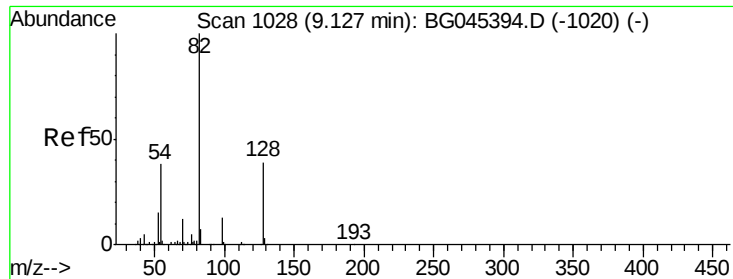
Tot Ion:136	Resp: 389319
Ion Ratio	Lower Upper
136 100	
137 11.4	9.4 14.2
54 5.9	5.8 8.6
68 5.3	4.5 6.7



#22
Acetophenone
Concen: 40.340 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt	Ion:105	Resp:	372226
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.0#
51	22.5	18.2	27.2
120	21.7	18.6	27.8

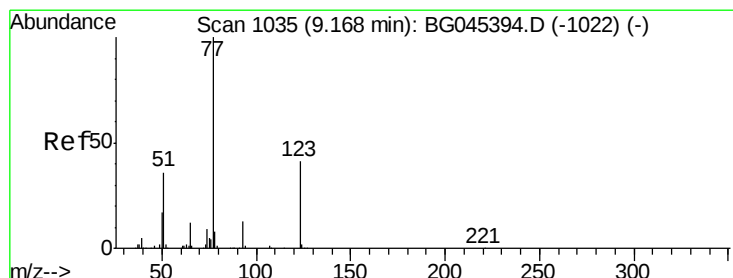
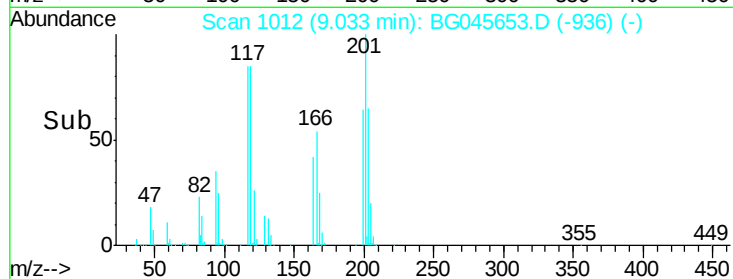
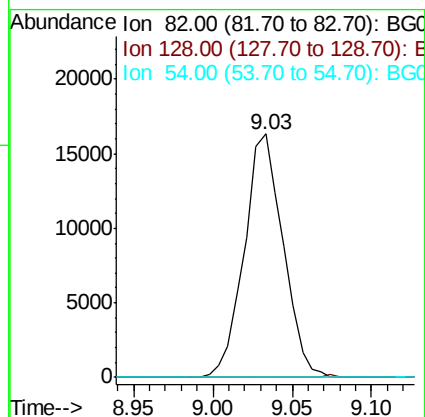
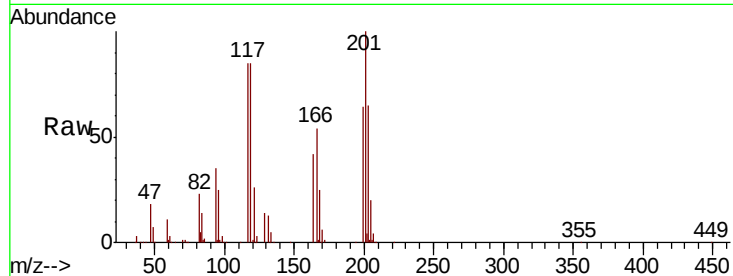




#23
 Nitrobenzene-d5
 Concen: 3.889 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.08 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

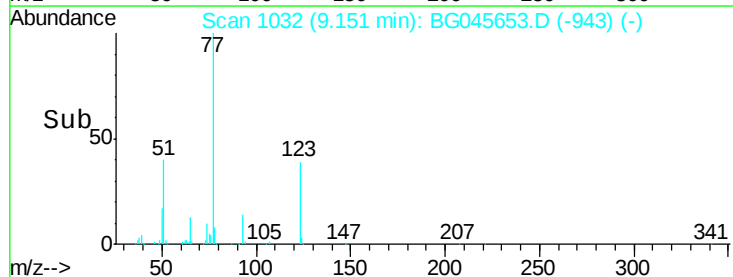
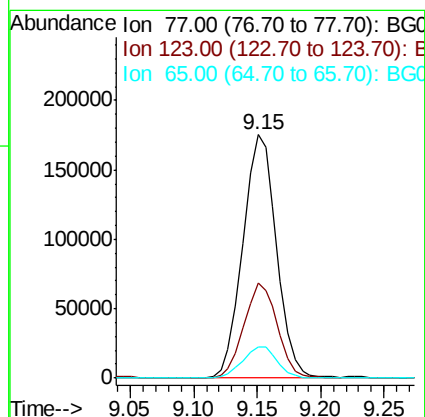
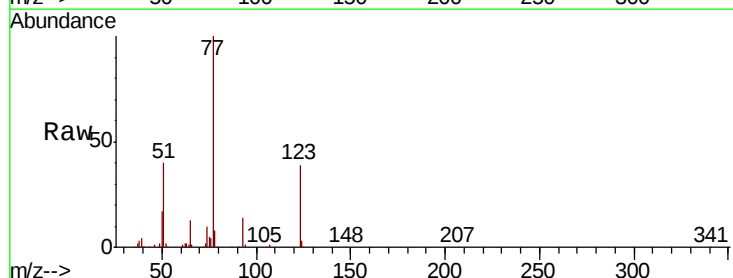
Instrument :
 BNA_G
 ClientSampleId :
 SP5150

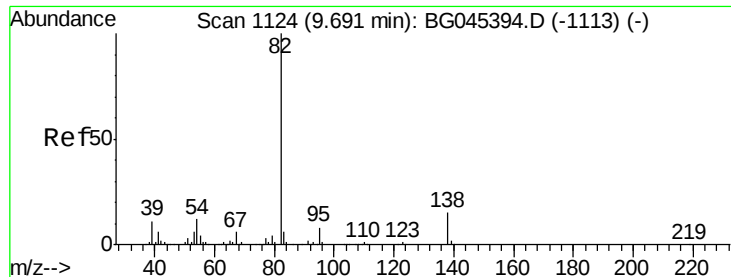
Tot Ion: 82 Resp: 27763
 Ion Ratio Lower Upper
 82 100
 128 0.0 30.9 46.3#
 54 0.0 30.3 45.5#



#24
 Nitrobenzene
 Concen: 42.289 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion: 77 Resp: 323472
 Ion Ratio Lower Upper
 77 100
 123 38.8 32.9 49.3
 65 12.8 9.4 14.2





#25

Isophorone

Concen: 40.453 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

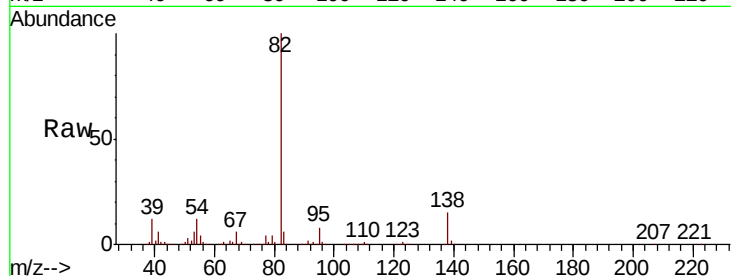
Tot Ion: 82 Resp: 568768

Ion Ratio Lower Upper

82 100

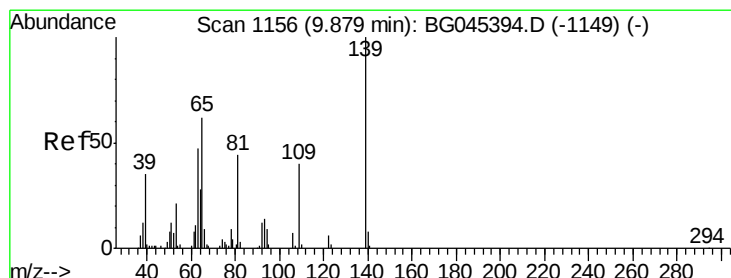
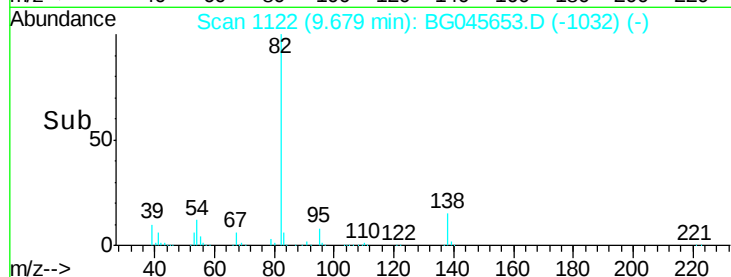
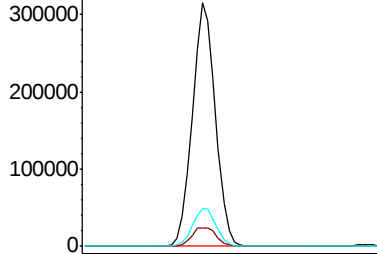
95 7.7 6.7 10.1

138 15.3 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

9.68



#26

2-Nitrophenol

Concen: 44.403 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

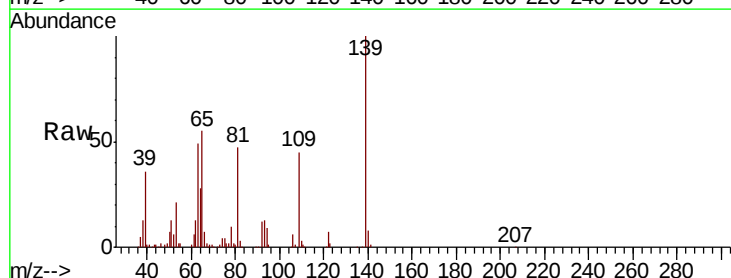
Tgt Ion: 139 Resp: 145294

Ion Ratio Lower Upper

139 100

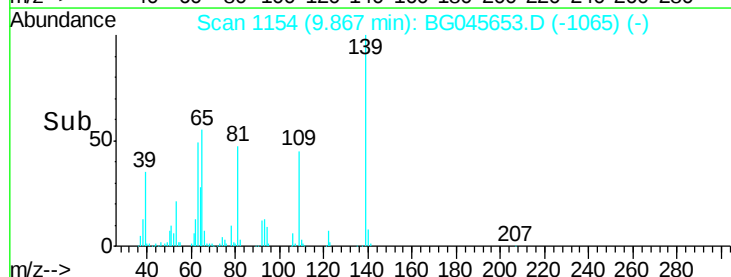
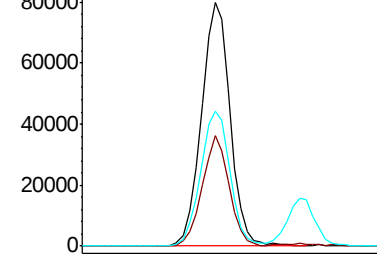
109 45.4 32.2 48.4

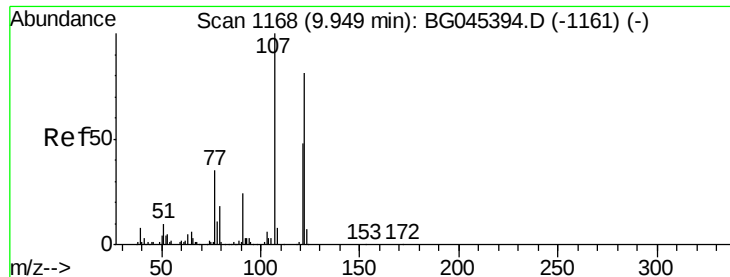
65 55.4 49.6 74.4



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

9.87

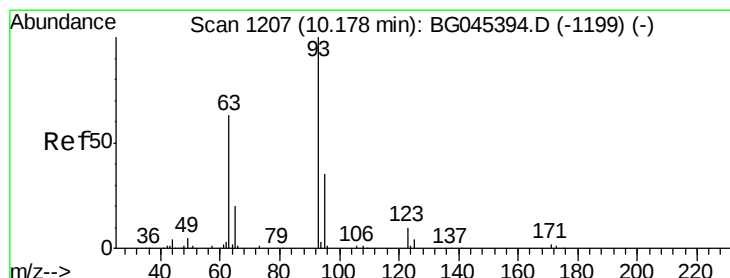
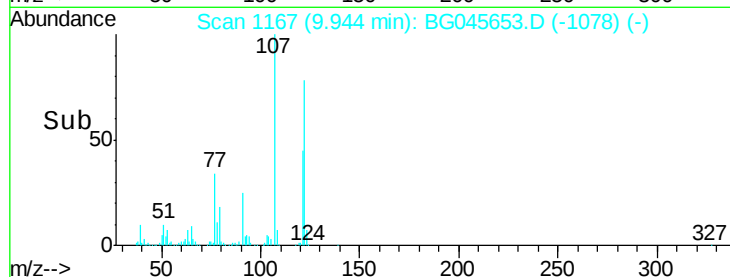
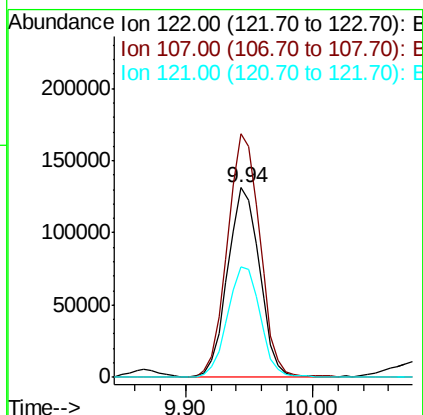
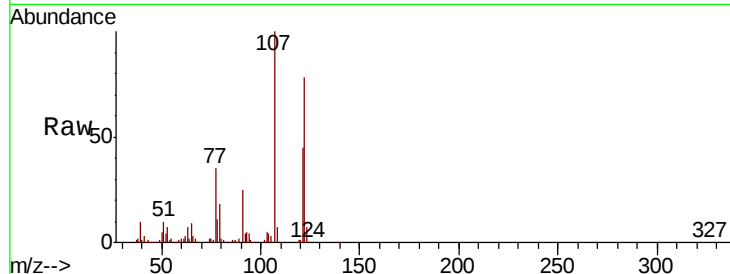




#27
2,4-Dimethylphenol
Concen: 47.158 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

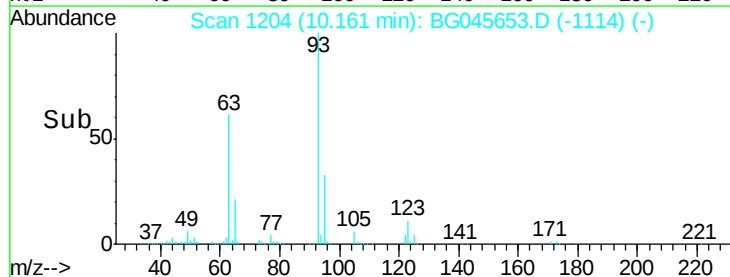
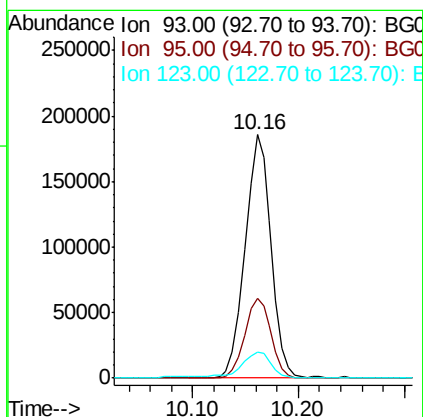
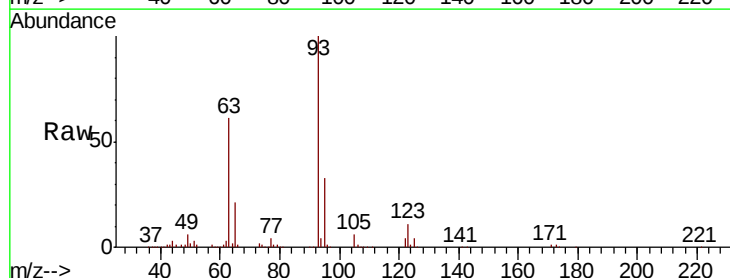
Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.3	99.0	148.4
121	58.1	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.849 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.6	41.4
123	10.6	8.1	12.1

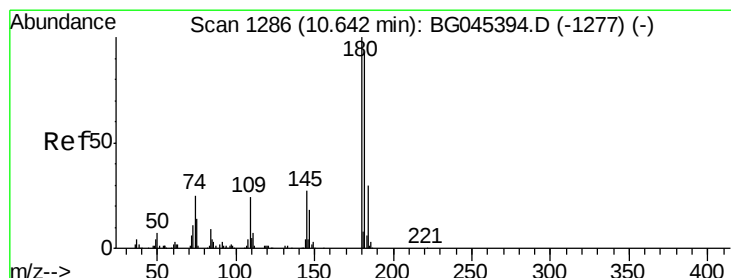
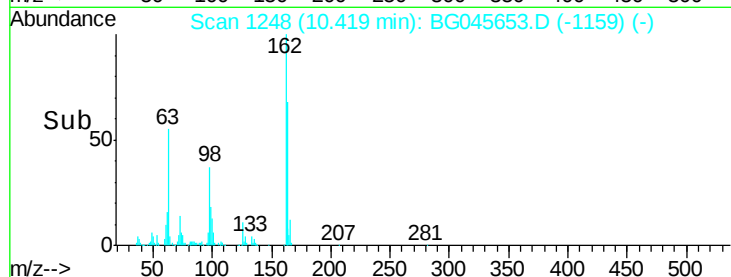
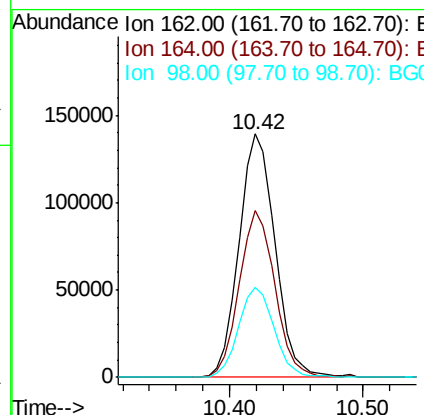
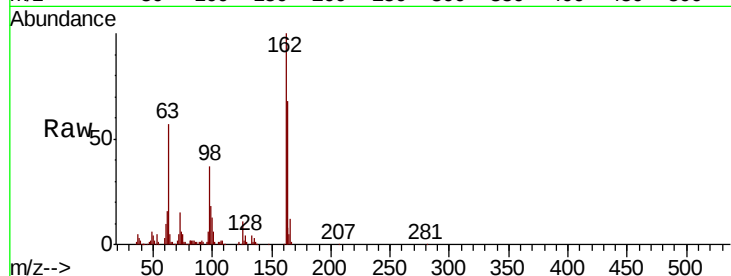




#29
 2,4-Dichlorophenol
 Concen: 45.438 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

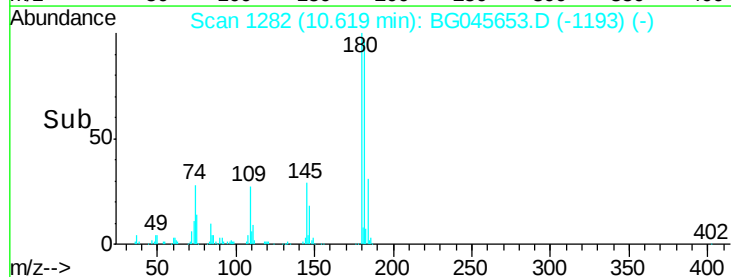
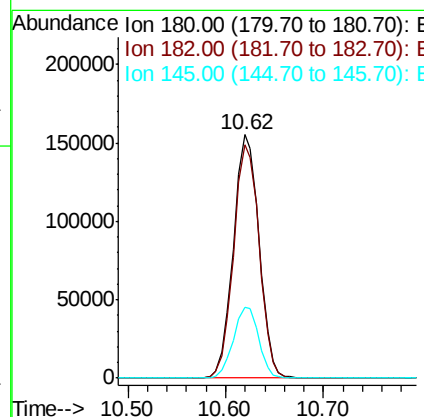
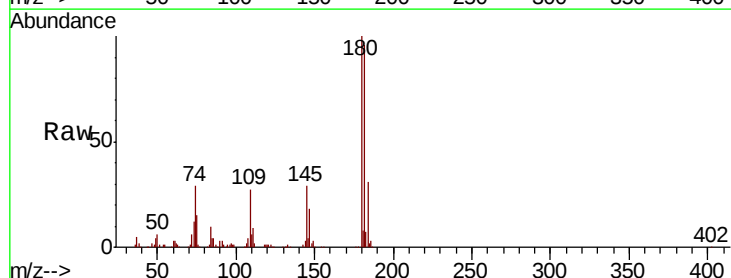
Instrument :
 BNA_G
 ClientSampleId :
 SP5150

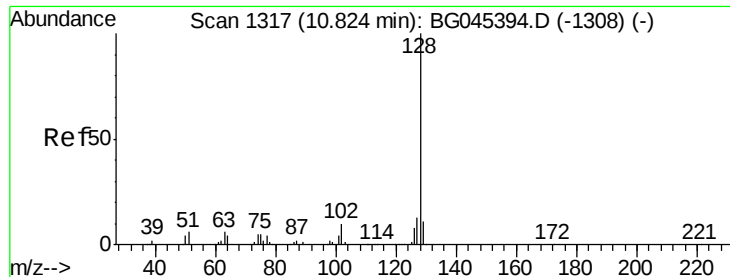
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	46.8	86.8
98	37.0	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.827 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.8	112.2
145	29.1	21.9	32.9

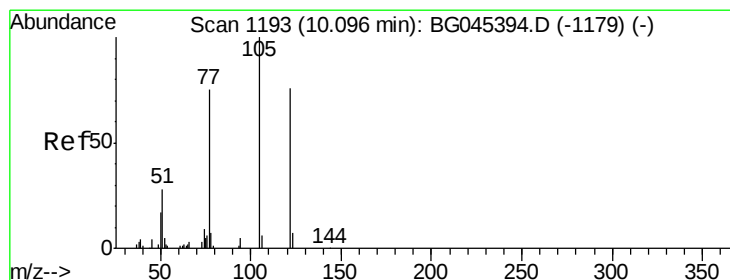
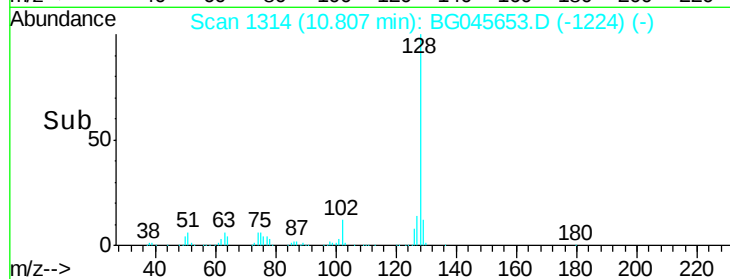
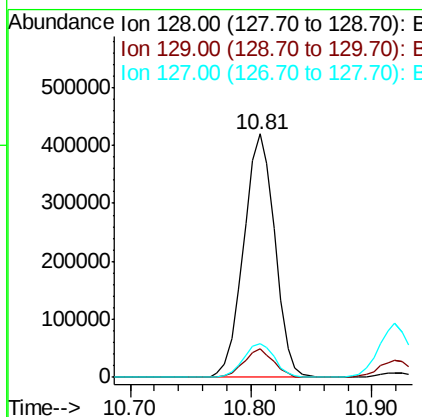
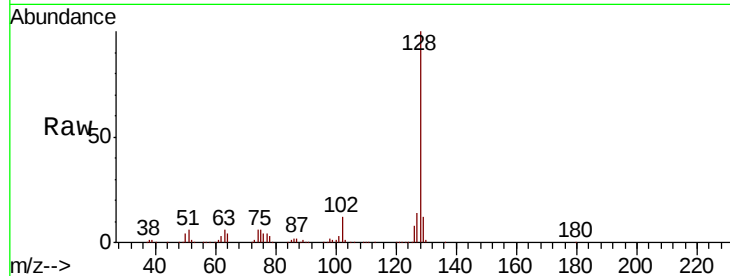




#31
Naphthalene
Concen: 41.660 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

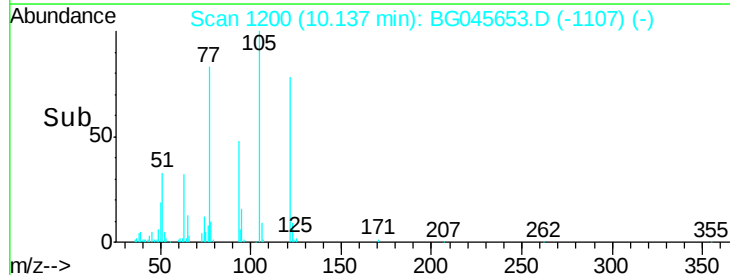
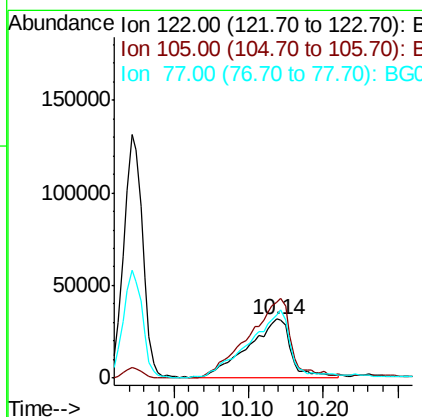
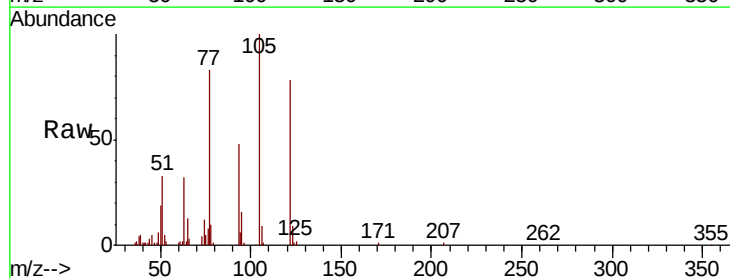
Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion:128 Resp: 755805
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 40.287 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:122 Resp: 126254
Ion Ratio Lower Upper
122 100
105 128.6 107.9 147.9
77 107.2 78.9 118.9

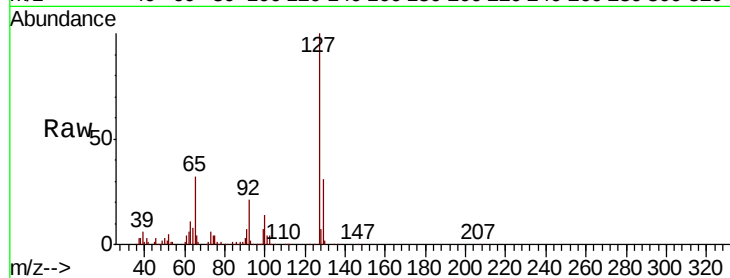




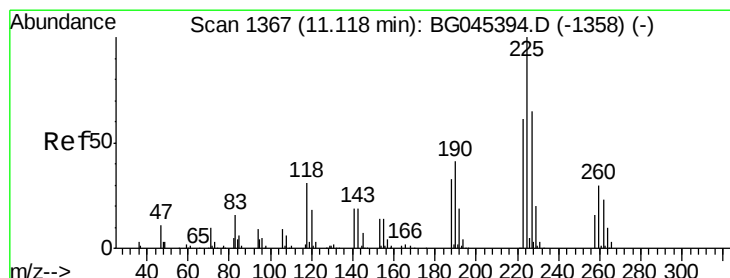
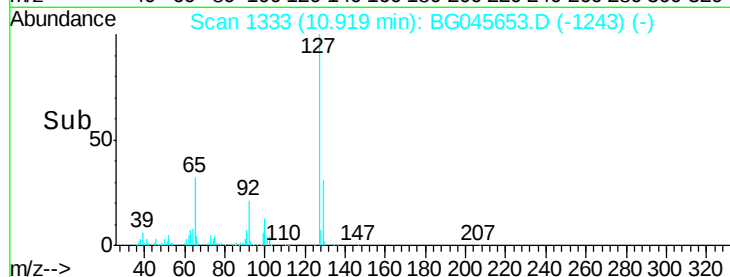
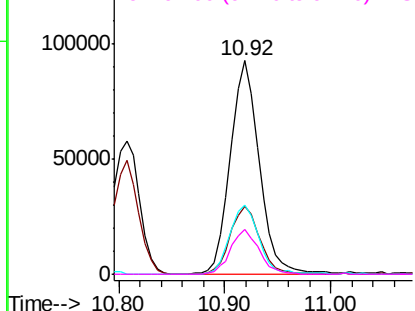
#33
4-Chloroaniline
Concen: 23.315 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion:127	Resp:	176811
Ion	Ratio	Lower Upper
127	100	
129	31.5	24.7 37.1
65	32.3	26.2 39.2
92	21.1	17.9 26.9

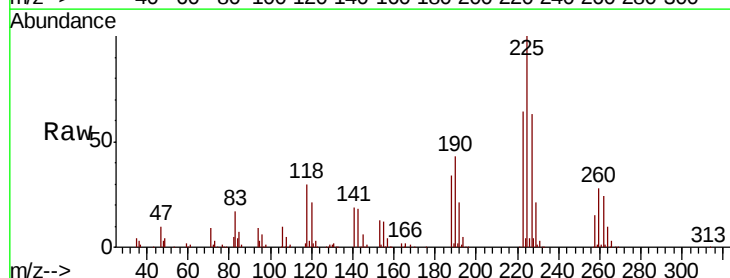


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

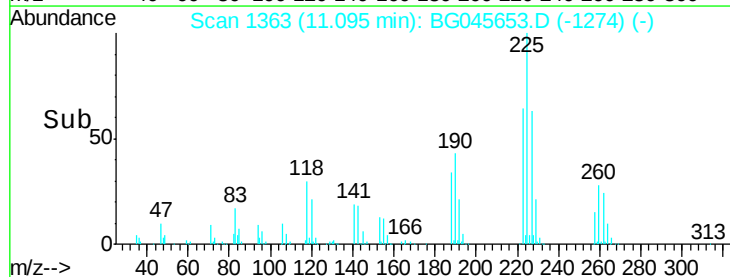
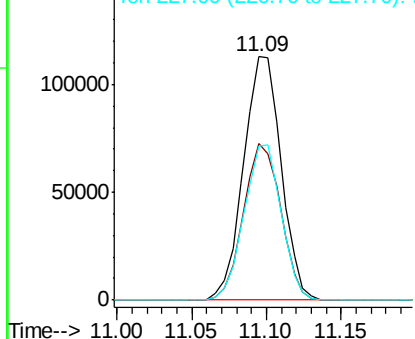


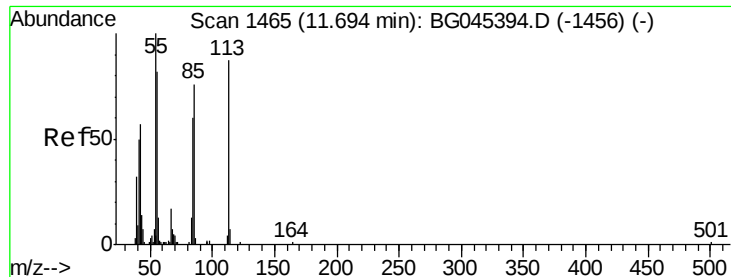
#34
Hexachlorobutadiene
Concen: 41.025 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:225	Resp:	196380
Ion	Ratio	Lower Upper
225	100	
223	64.2	49.1 73.7
227	63.0	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

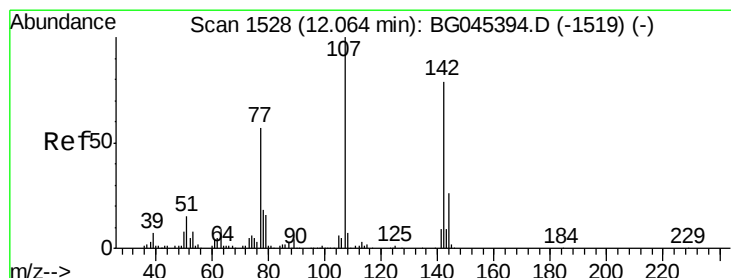
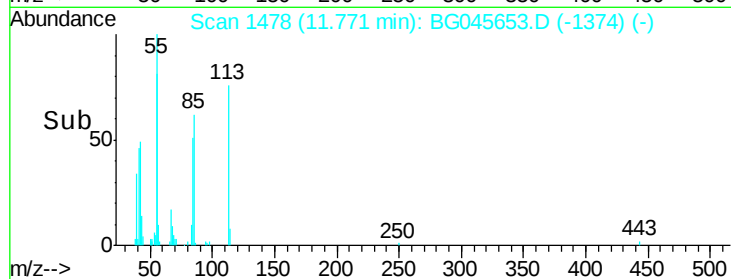
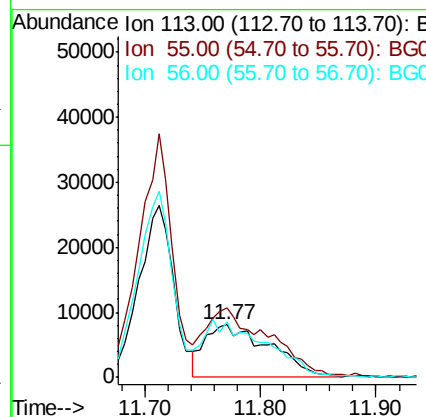
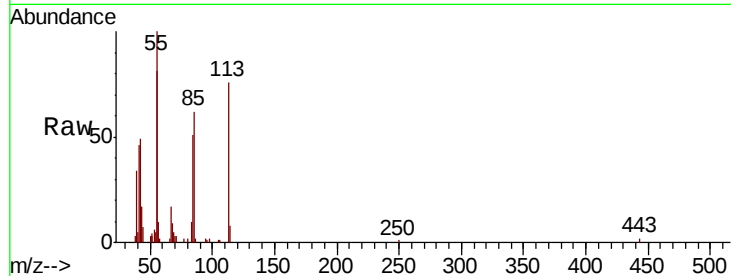




#35
 Caprolactam
 Concen: 14.851 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.08 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

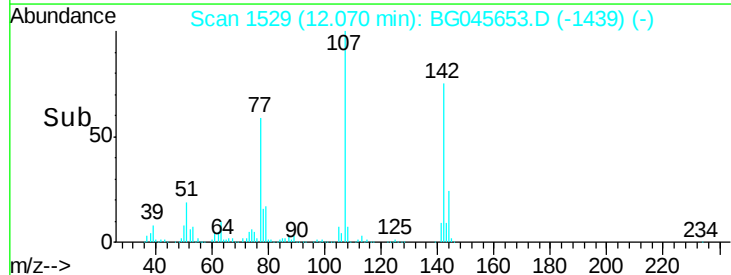
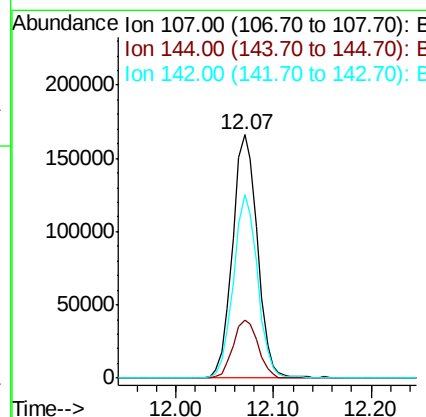
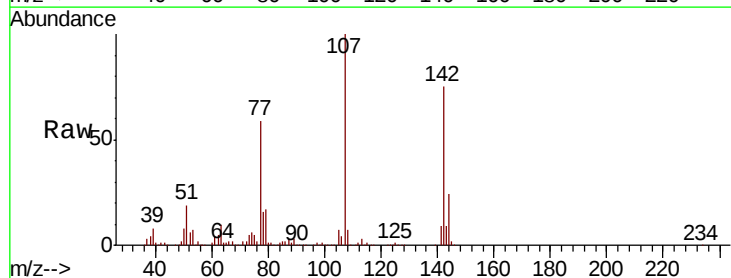
Instrument :
 BNA_G
 ClientSampleId :
 SP5150

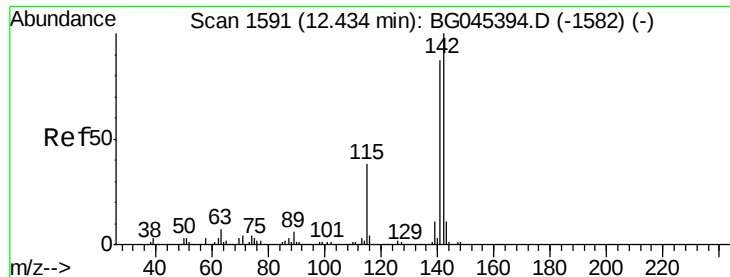
Tot Ion:113 Resp: 31240
 Ion Ratio Lower Upper
 113 100
 55 132.1 96.0 136.0
 56 106.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.730 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:107 Resp: 295313
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.8 31.2
 142 75.1 62.8 94.2

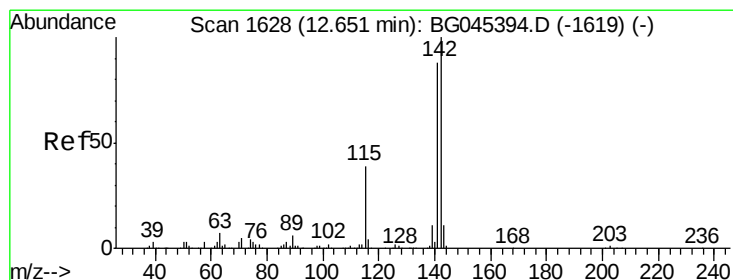
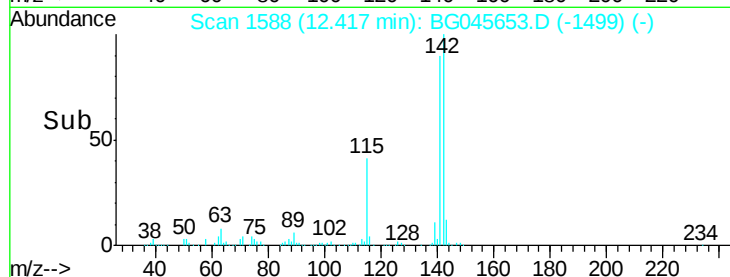
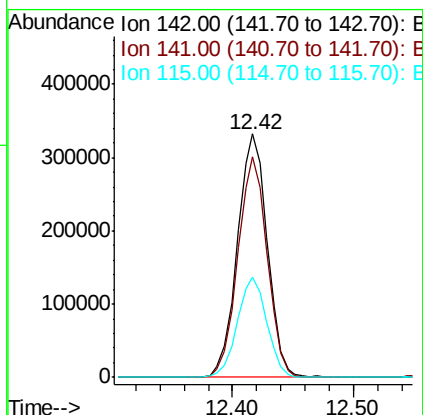
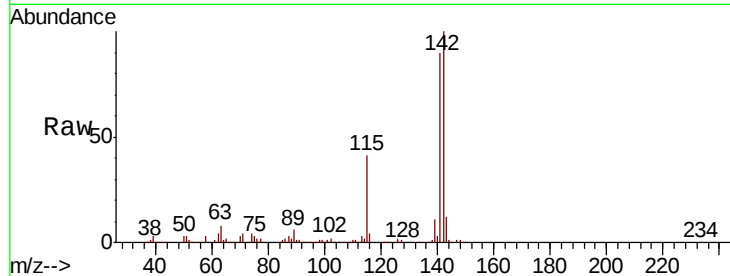




#37
 2-Methylnaphthalene
 Concen: 42.377 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

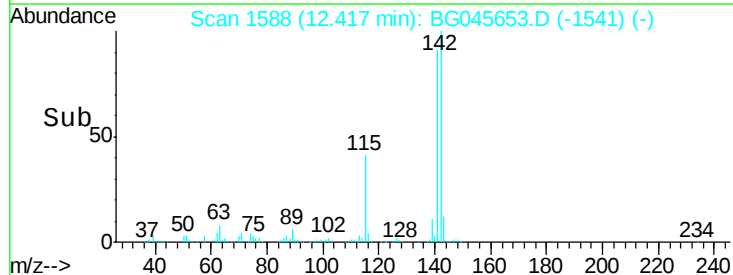
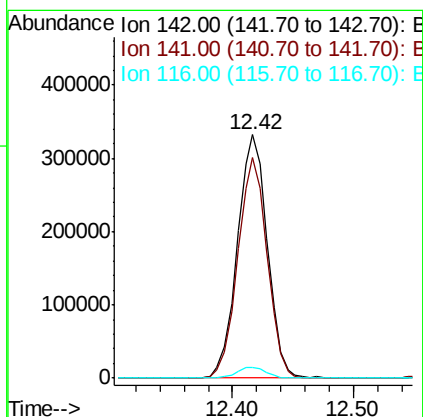
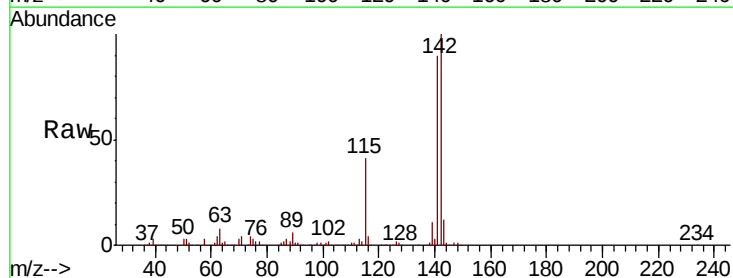
Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion:142 Resp: 573024
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.0 105.0
 115 41.0 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 44.862 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.22 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:142 Resp: 573024
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

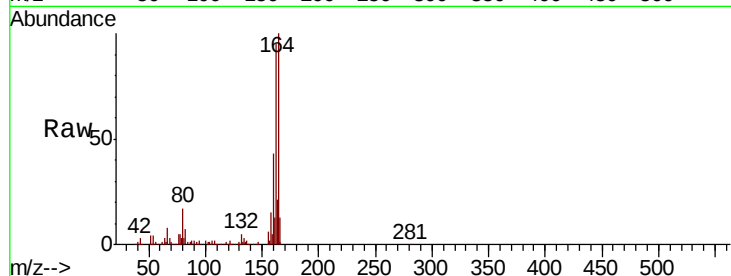
Tot Ion:164 Resp: 279576

Ion Ratio Lower Upper

164 100

162 95.0 76.9 115.3

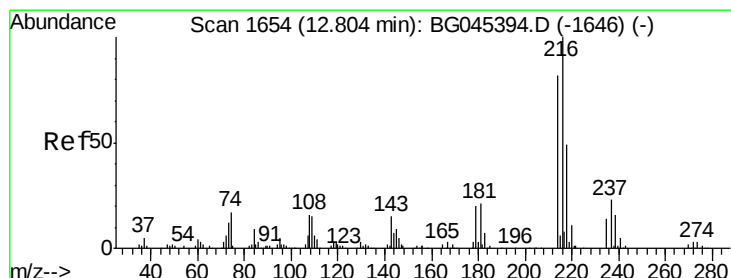
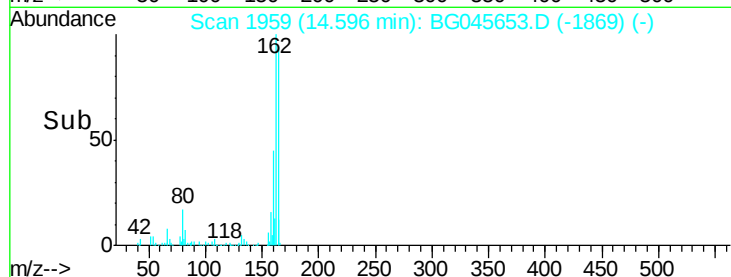
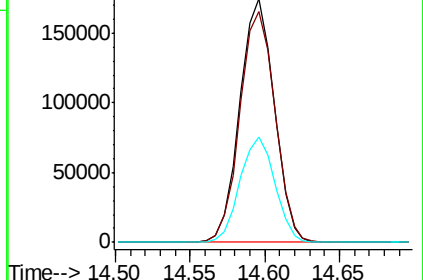
160 43.1 33.8 50.8



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: 41.617 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:216 Resp: 324987

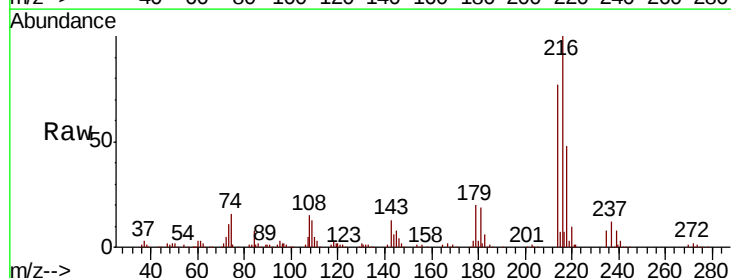
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 20.1 16.1 24.1

108 19.4 13.8 20.6

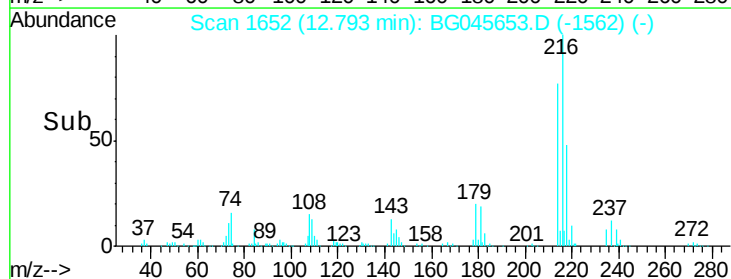
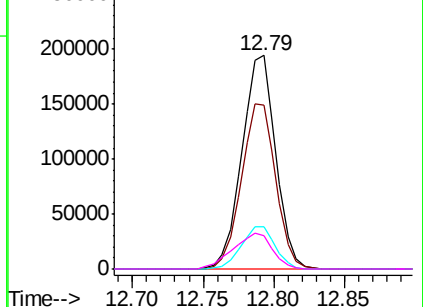


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.192 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

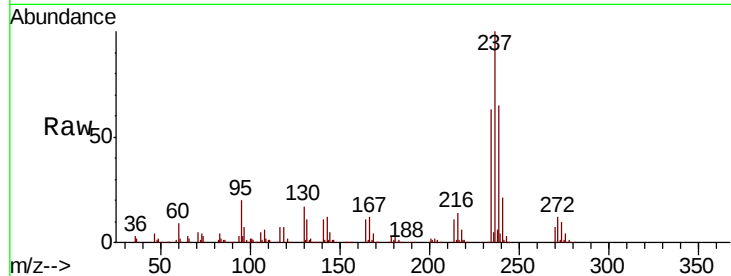
Tot Ion:237 Resp: 406514

Ion Ratio Lower Upper

237 100

235 62.8 44.4 84.4

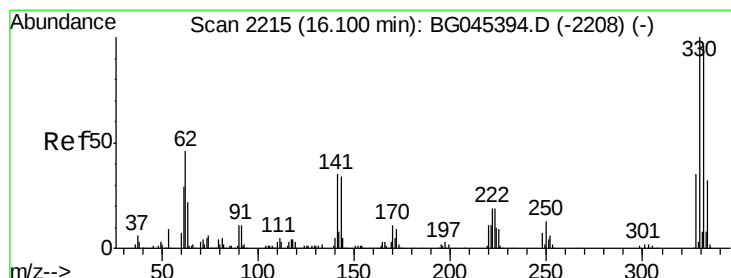
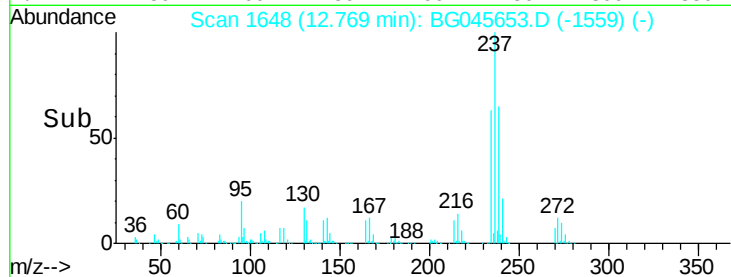
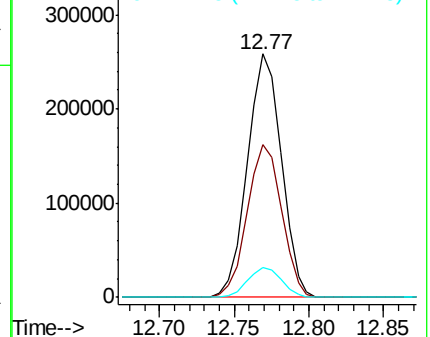
272 12.1 0.0 32.5



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: 0.016 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

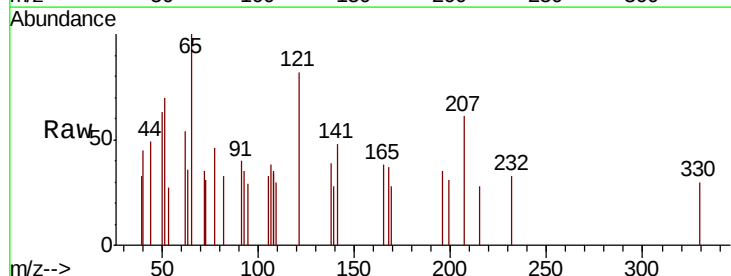
Tgt Ion:330 Resp: 58

Ion Ratio Lower Upper

330 100

332 125.9 78.2 117.4#

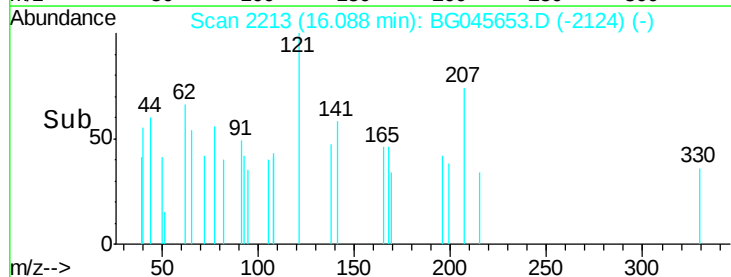
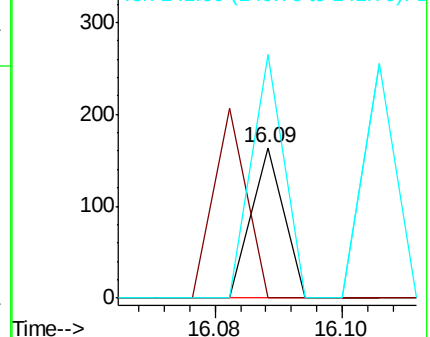
141 0.0 28.2 42.4#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.654 ng

RT: 13.03 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

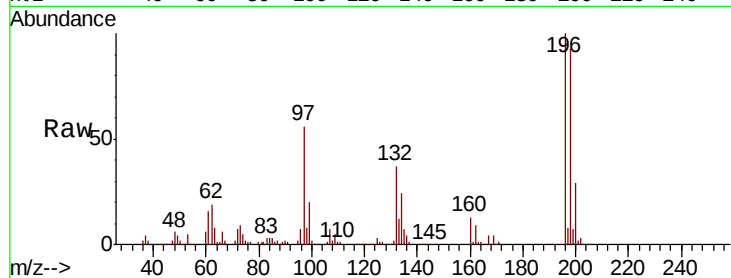
Tot Ion:196 Resp: 231383

Ion Ratio Lower Upper

196 100

198 92.5 76.7 115.1

200 28.9 24.9 37.3

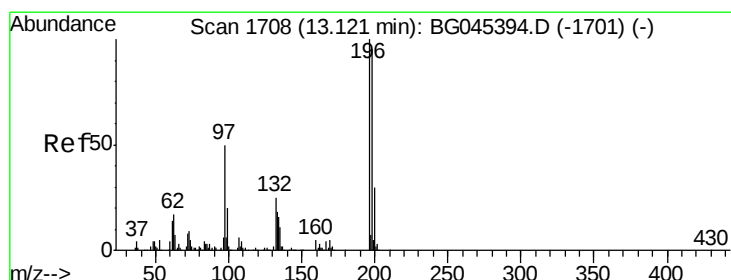
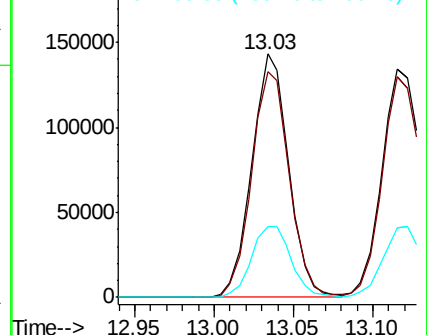
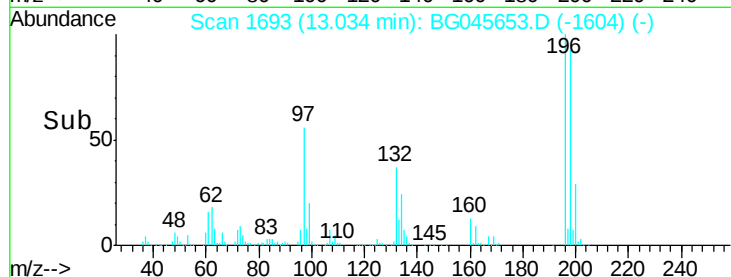


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.394 ng

RT: 13.12 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:196 Resp: 237999

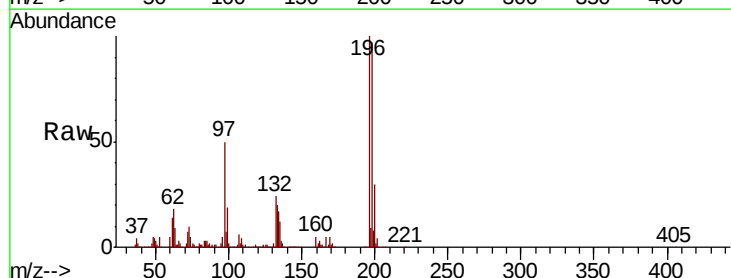
Ion Ratio Lower Upper

196 100

198 96.6 76.1 114.1

97 49.7 40.0 60.0

132 24.0 20.2 30.2



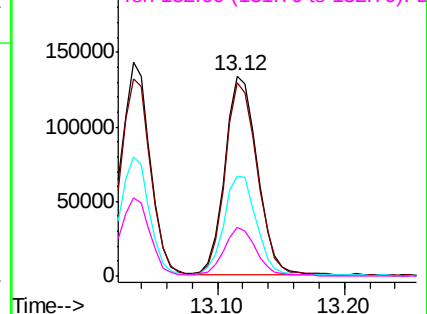
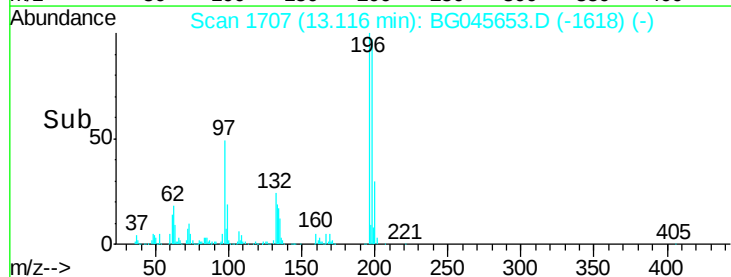
Abundance

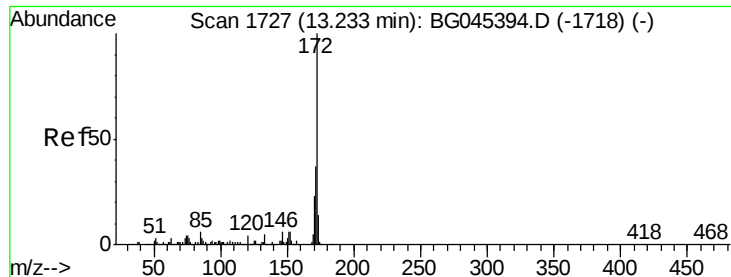
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

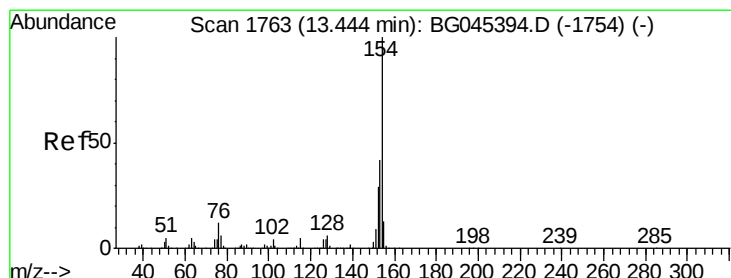
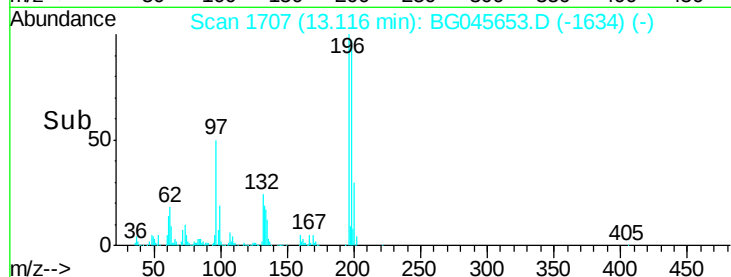
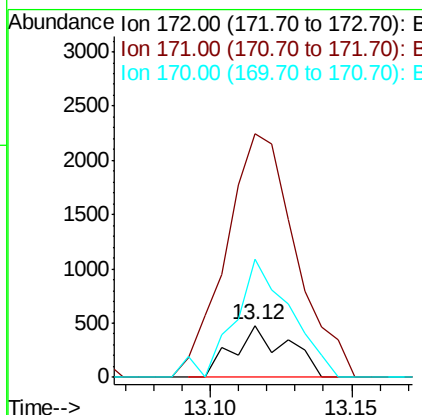
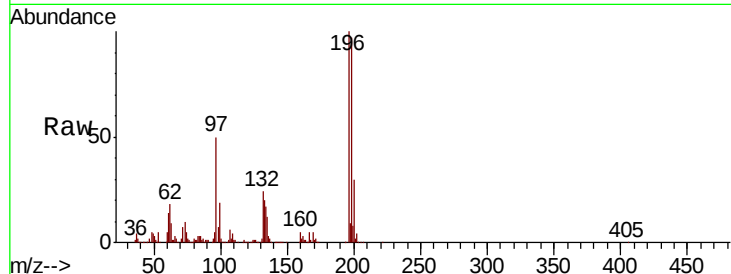




#45
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.10 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

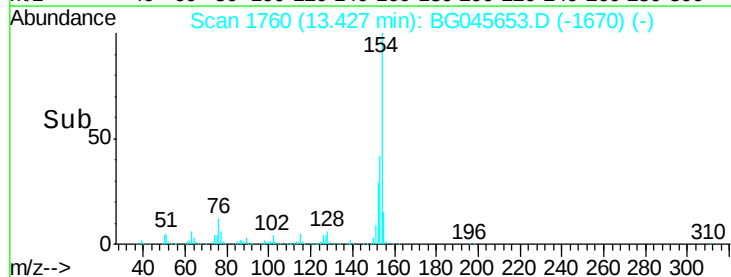
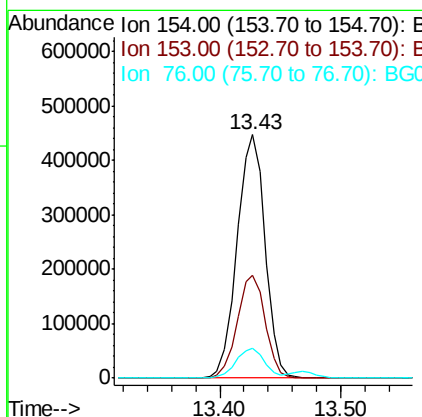
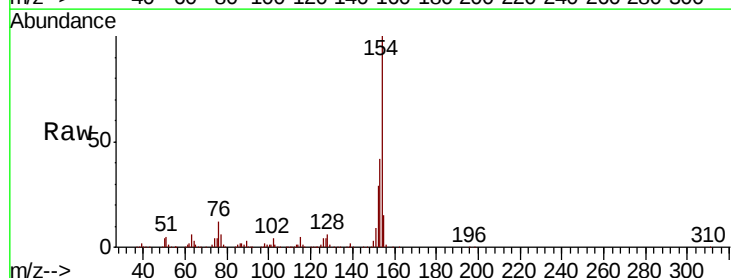
Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:172 Resp: 633
Ion Ratio Lower Upper
172 100
171 468.5 29.5 44.3#
170 226.9 18.5 27.7#



#46
1,1'-Biphenyl
Concen: 42.167 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:154 Resp: 724370
Ion Ratio Lower Upper
154 100
153 42.1 22.2 62.2
76 12.3 0.0 32.4

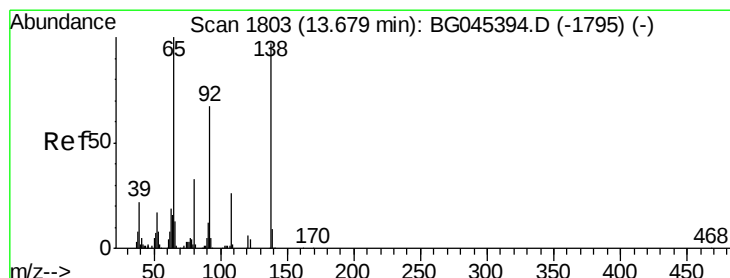
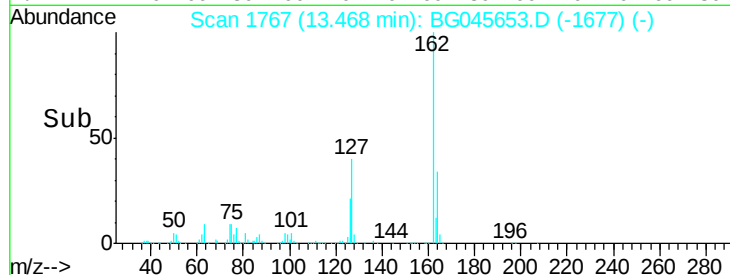
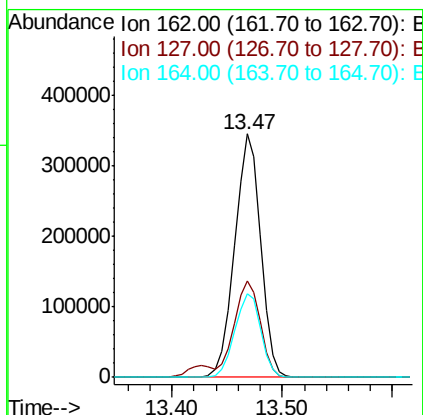
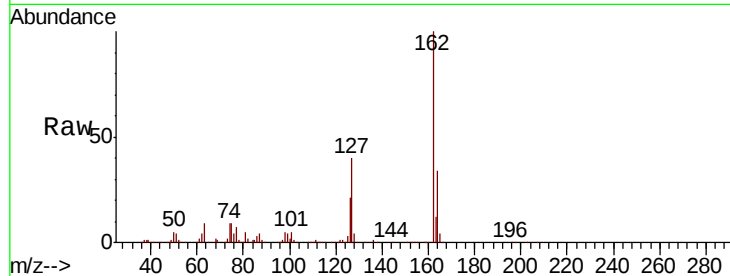




#47
2-Chloronaphthalene
Concen: 40.874 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

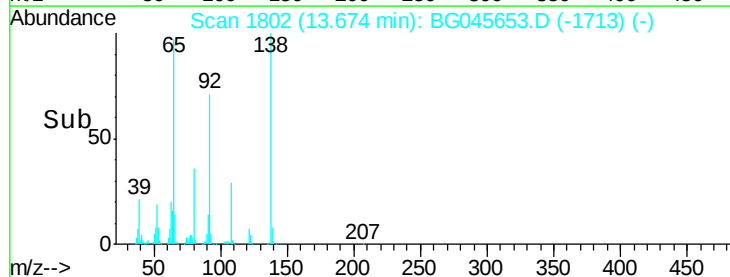
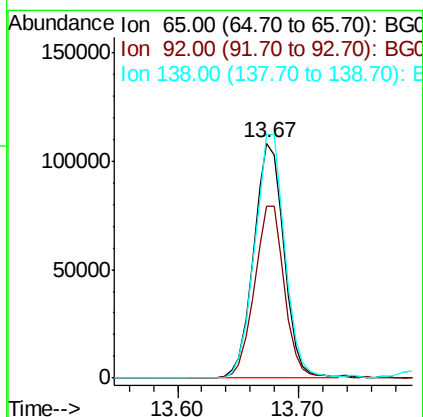
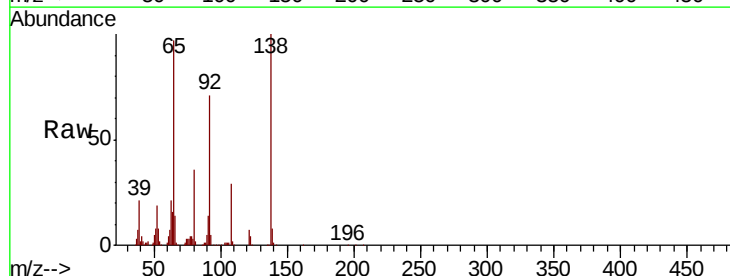
Instrument :
BNA_G
ClientSampleId :
SP5150

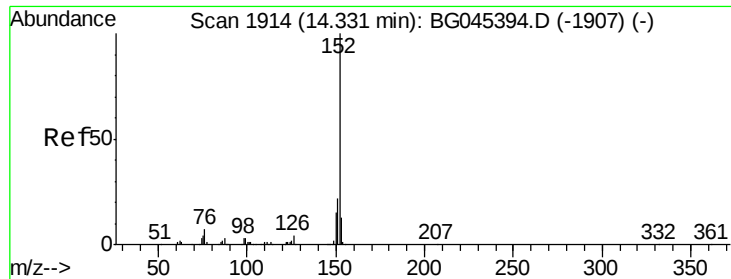
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	34.4	28.1	42.1



#48
2-Nitroaniline
Concen: 41.059 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.8	80.8
138	103.5	77.9	116.9





#49

Acenaphthylene

Concen: 40.740 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

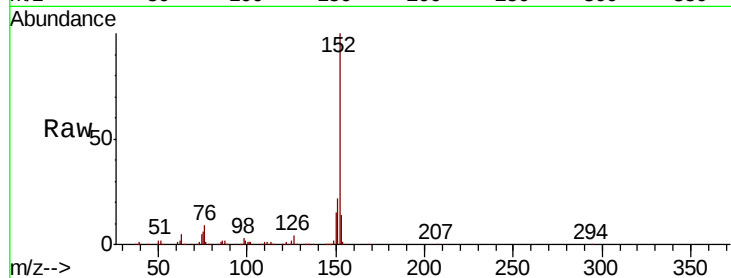
Tot Ion:152 Resp: 912854

Ion Ratio Lower Upper

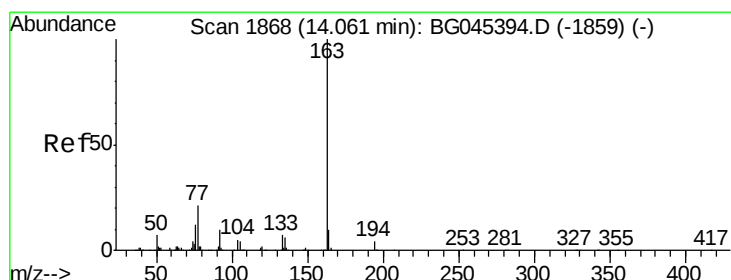
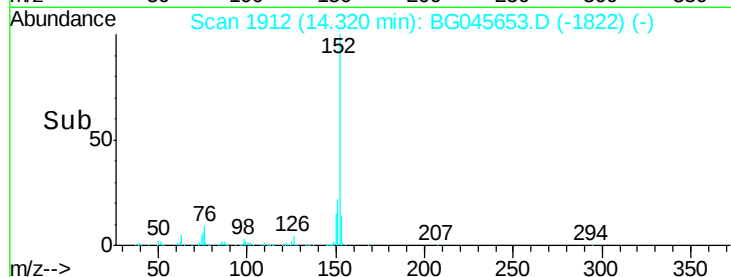
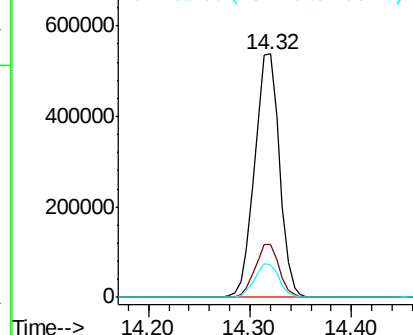
152 100

151 21.6 17.4 26.2

153 13.5 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: 39.057 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

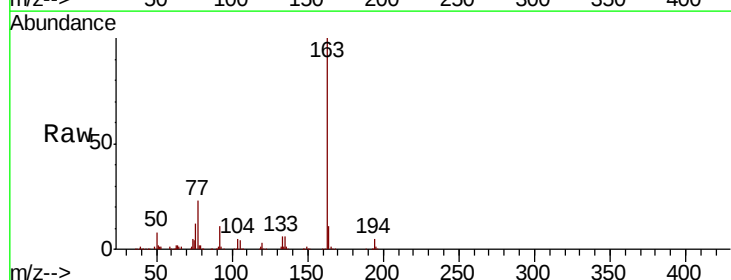
Tgt Ion:163 Resp: 749072

Ion Ratio Lower Upper

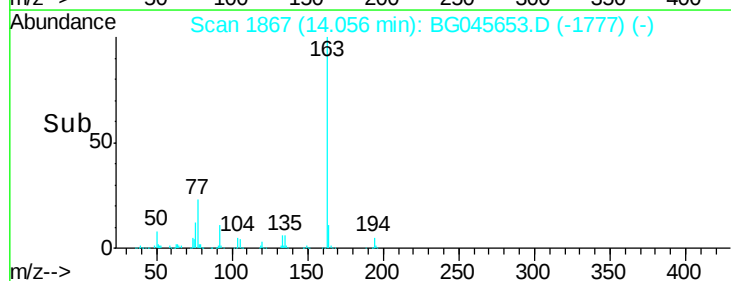
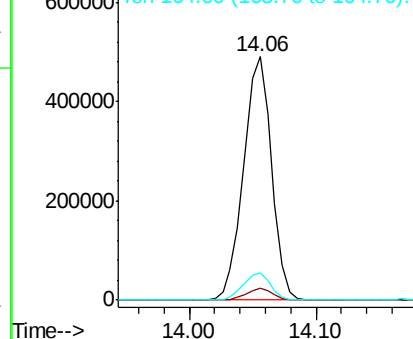
163 100

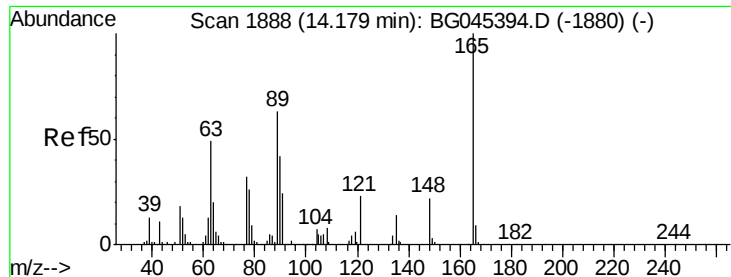
194 4.7 3.2 4.8

164 11.0 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

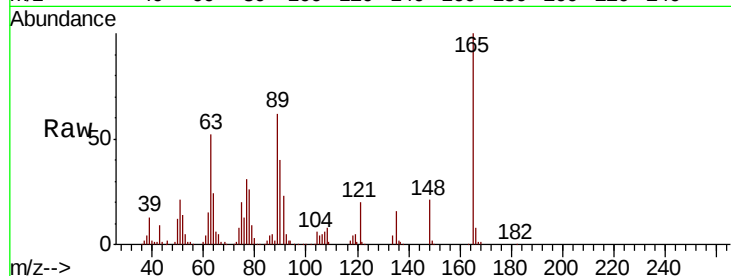




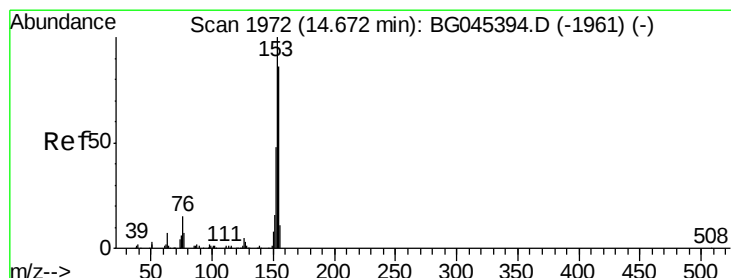
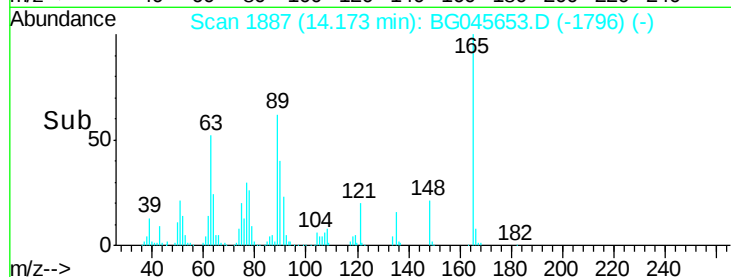
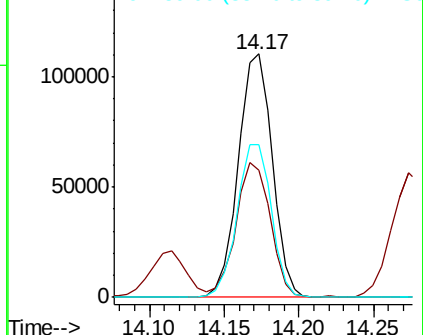
#51
 2,6-Dinitrotoluene
 Concen: 40.396 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampled :
 SP5150

Tot Ion:165 Resp: 174819
 Ion Ratio Lower Upper
 165 100
 63 52.0 45.0 67.4
 89 62.5 50.2 75.4

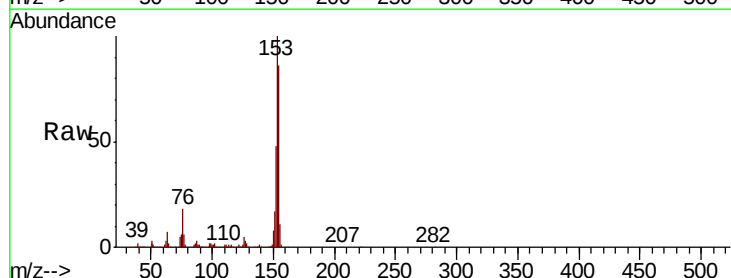


Abundance Ion 165.00 (164.70 to 165.70): E
 150000 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

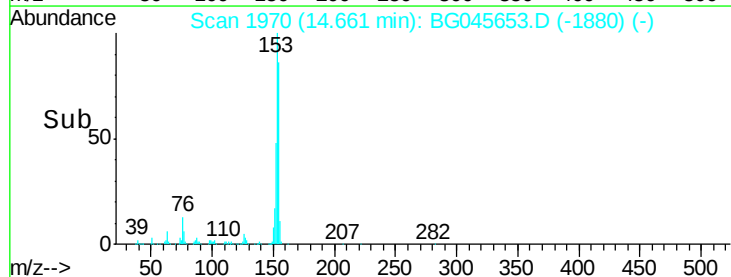
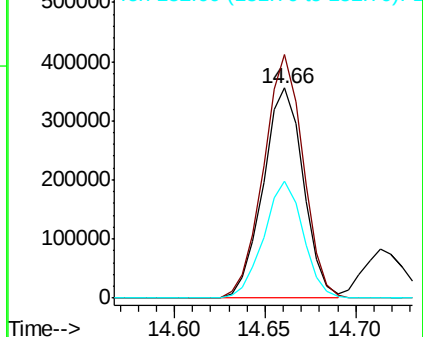


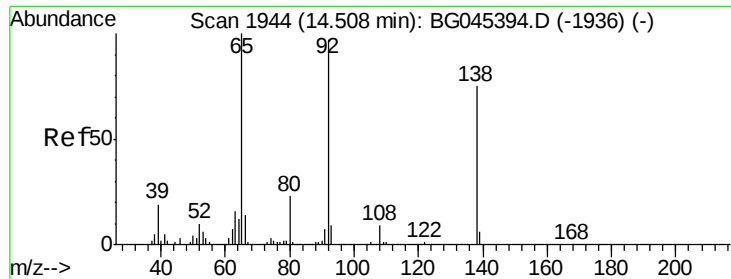
#52
 Acenaphthene
 Concen: 36.642 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:154 Resp: 549583
 Ion Ratio Lower Upper
 154 100
 153 116.1 92.8 139.2
 152 55.9 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 500000 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

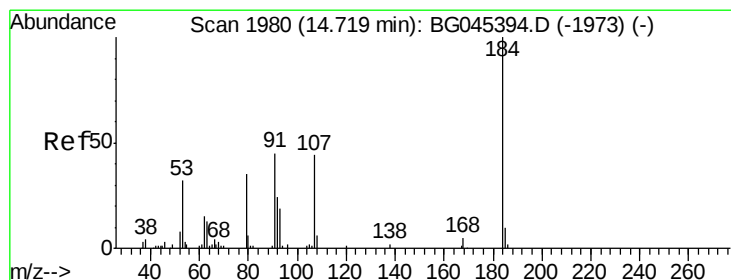
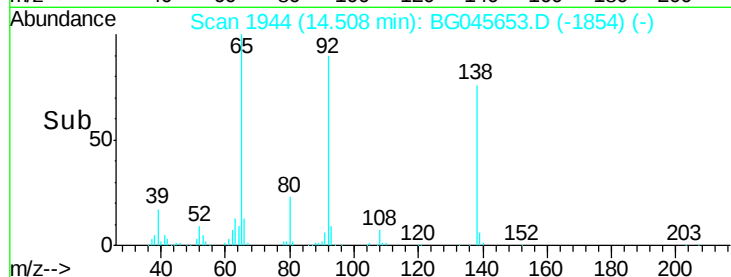
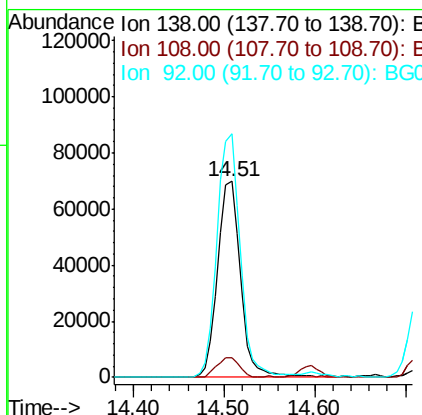
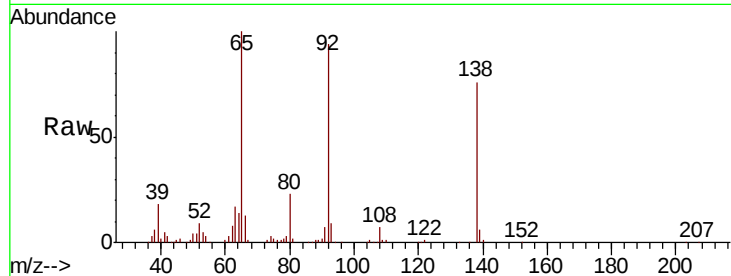




#53
 3-Nitroaniline
 Concen: 27.953 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

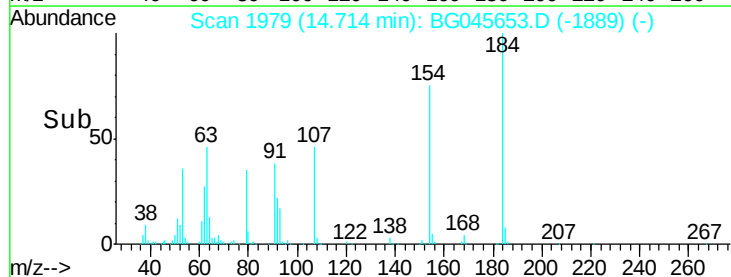
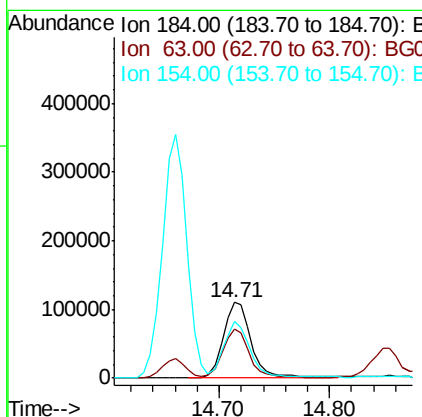
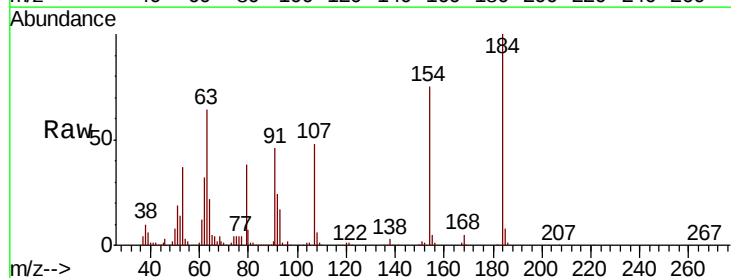
Instrument :
 BNA_G
 ClientSampleId :
 SP5150

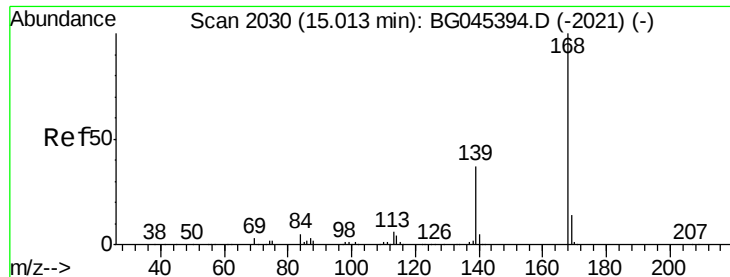
Tot Ion:138 Resp: 122972
 Ion Ratio Lower Upper
 138 100
 108 9.7 9.8 14.6#
 92 124.1 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 70.016 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:184 Resp: 196417
 Ion Ratio Lower Upper
 184 100
 63 64.3 47.8 71.6
 154 75.0 58.3 87.5





#55

Dibenzofuran

Concen: 39.896 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

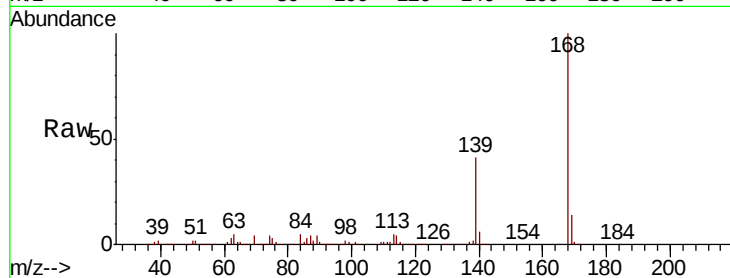
Tot Ion:168 Resp: 888617

Ion Ratio Lower Upper

168 100

139 41.3 29.9 44.9

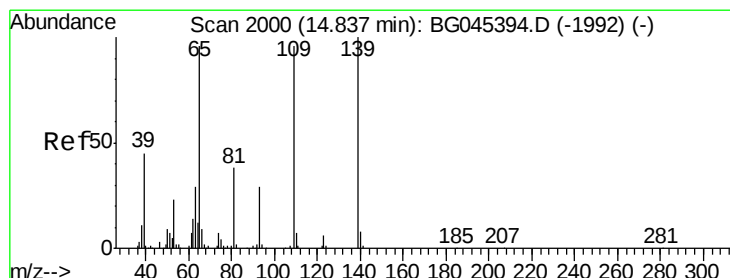
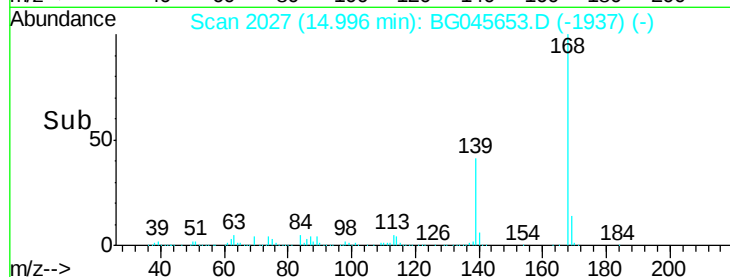
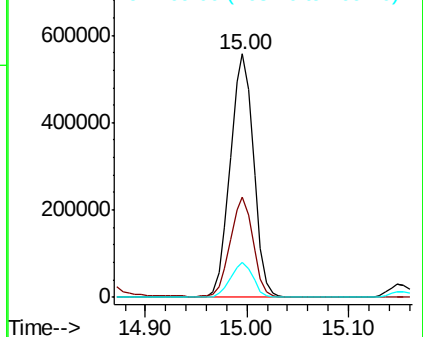
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.677 ng

RT: 14.85 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

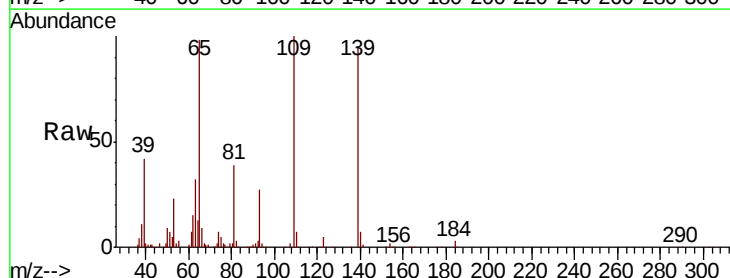
Tgt Ion:139 Resp: 232071

Ion Ratio Lower Upper

139 100

109 105.4 75.6 115.6

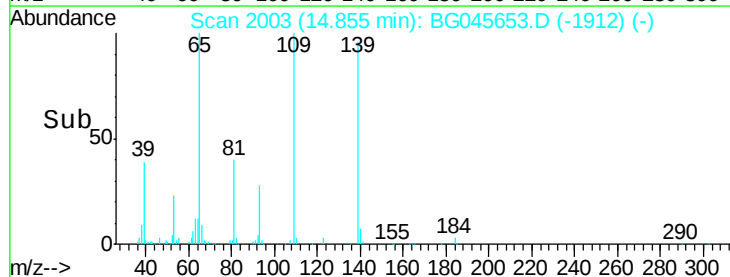
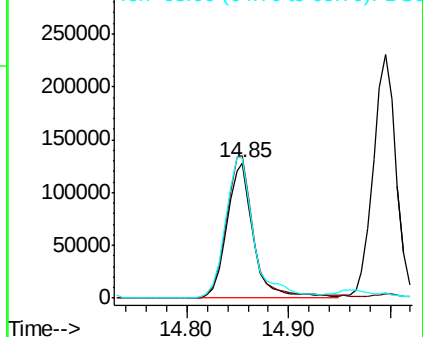
65 103.8 76.8 116.8

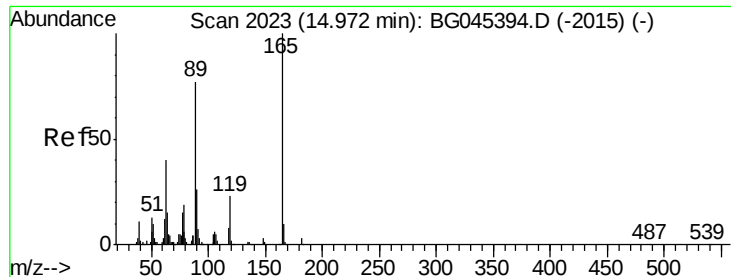


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

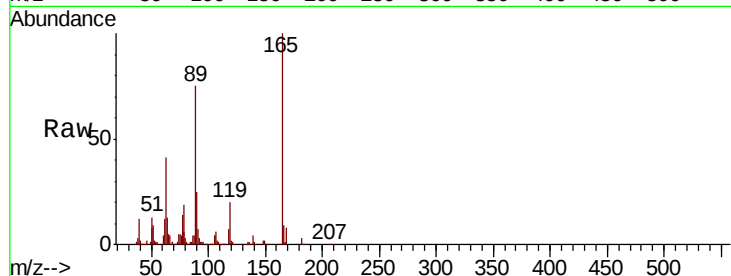




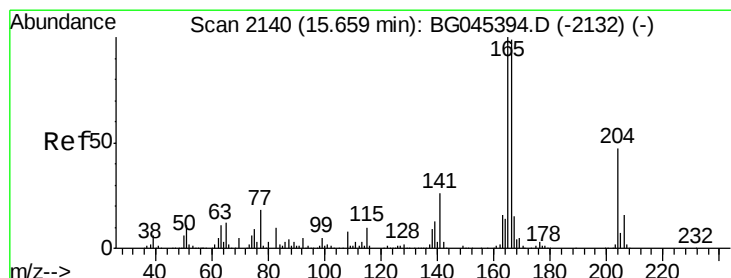
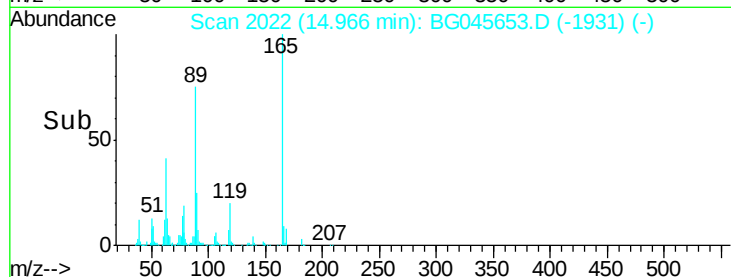
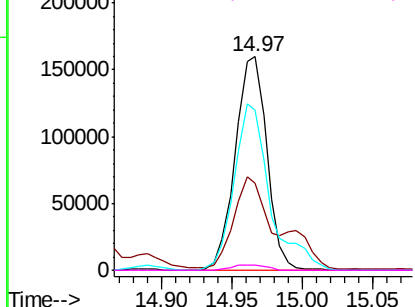
#57
2,4-Dinitrotoluene
Concen: 40.038 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:165 Resp: 250941
Ion Ratio Lower Upper
165 100
63 40.7 32.5 48.7
89 74.9 61.8 92.6
182 2.6 2.3 3.5

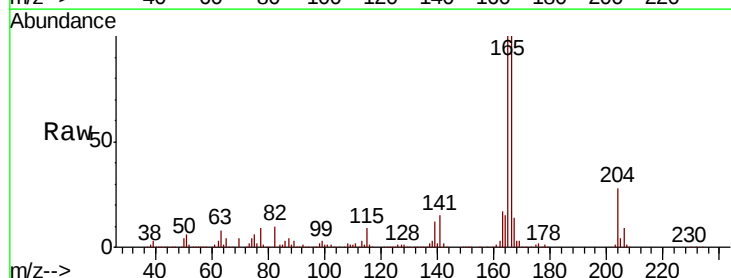


Abundance Ion 165.00 (164.70 to 165.70): E
250000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

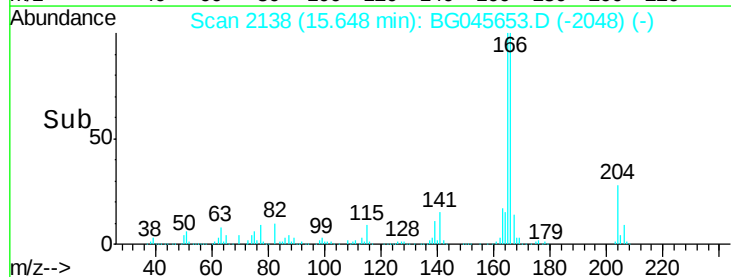
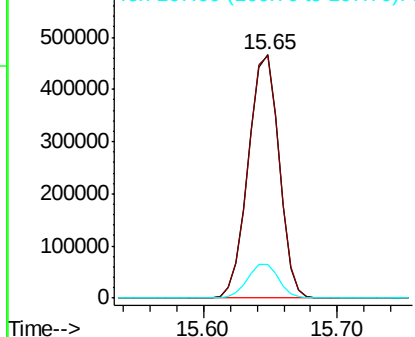


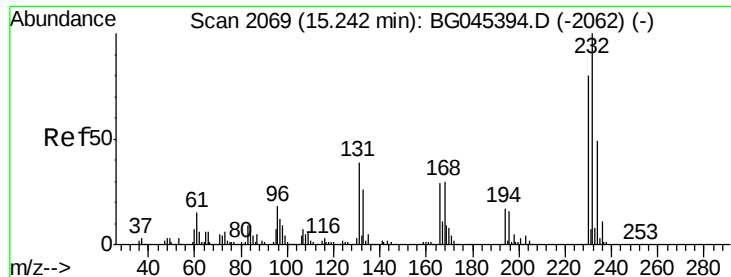
#58
Fluorene
Concen: 40.476 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:166 Resp: 740658
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 13.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
600000
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: 40.703 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

Tot Ion:232 Resp: 221981

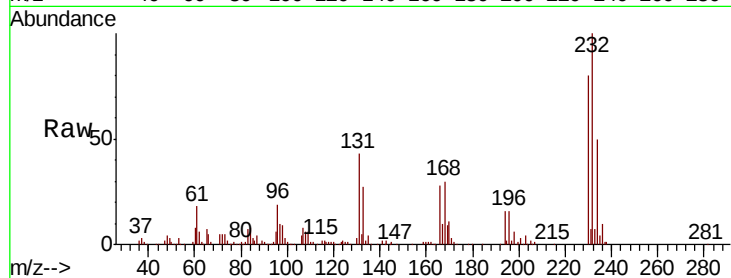
Ion Ratio Lower Upper

232 100

131 41.6 33.7 50.5

130 2.9 2.1 3.1

166 28.9 23.2 34.8

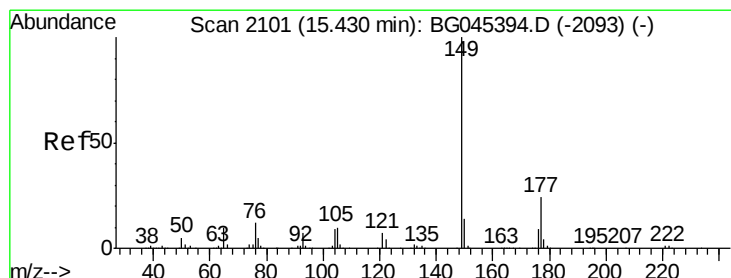
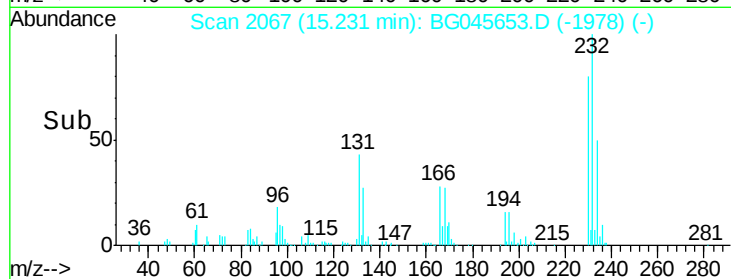
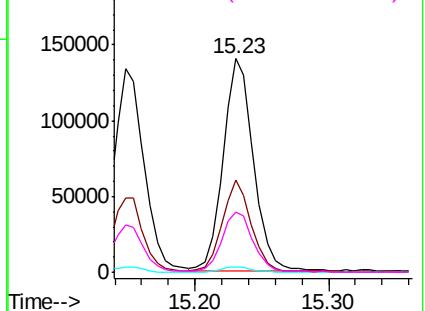


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.939 ng

RT: 15.42 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

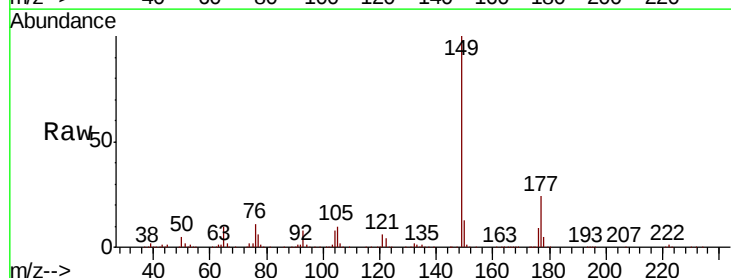
Tgt Ion:149 Resp: 777285

Ion Ratio Lower Upper

149 100

177 24.1 19.0 28.4

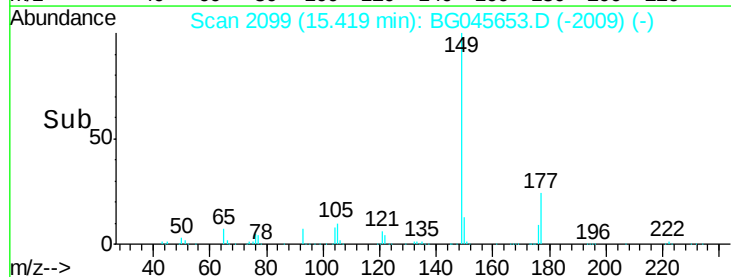
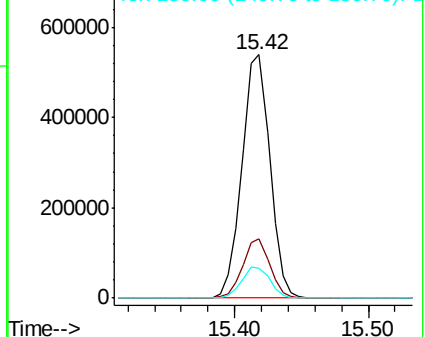
150 12.5 11.4 17.0

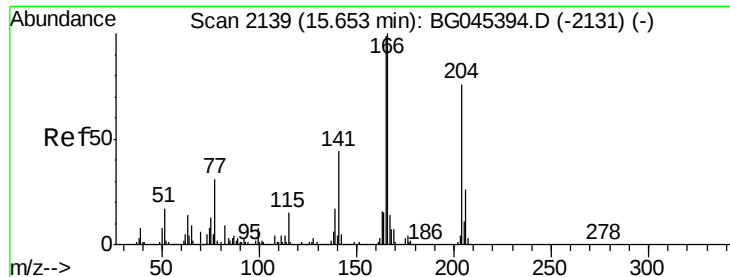


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

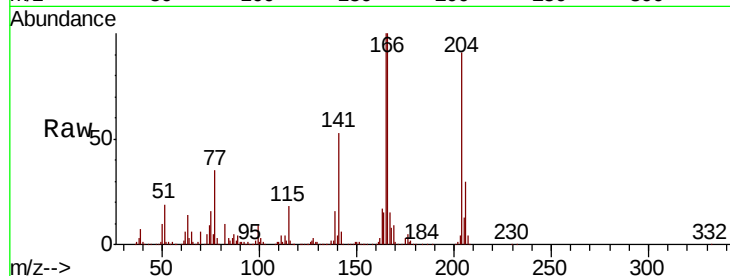




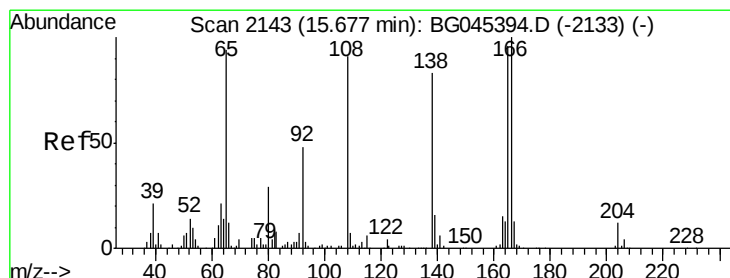
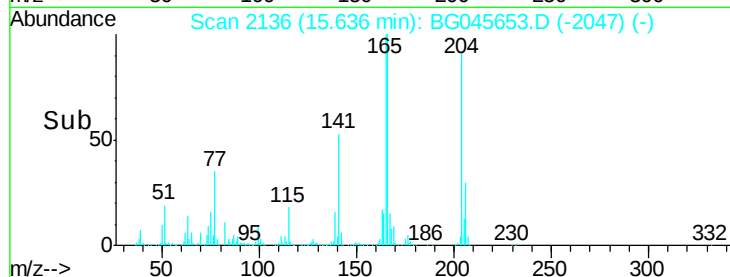
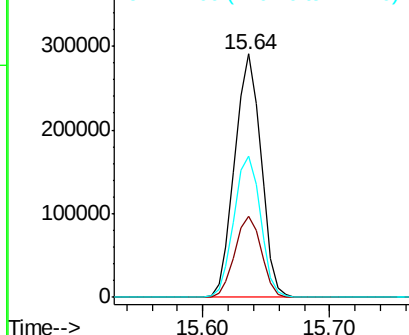
#61
4-Chlorophenyl-phenylether
Concen: 39.931 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion:204 Resp: 418122
Ion Ratio Lower Upper
204 100
206 33.5 27.3 40.9
141 58.1 45.9 68.9

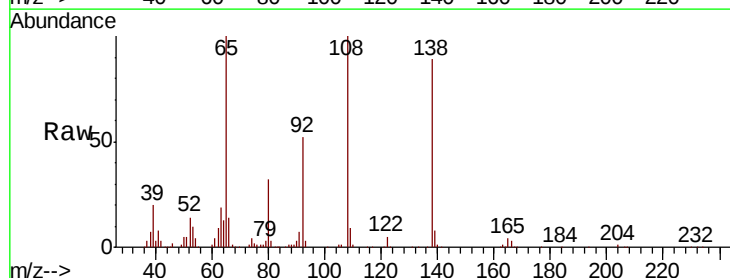


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

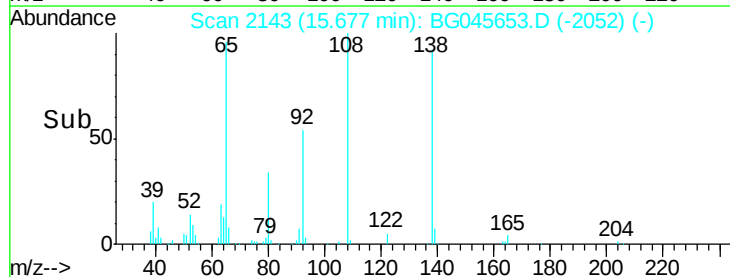
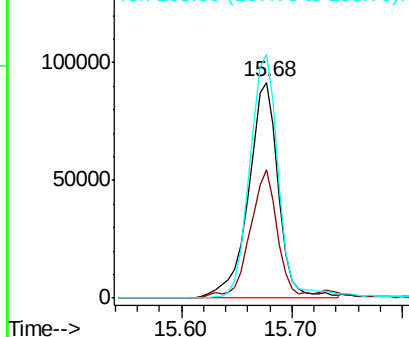


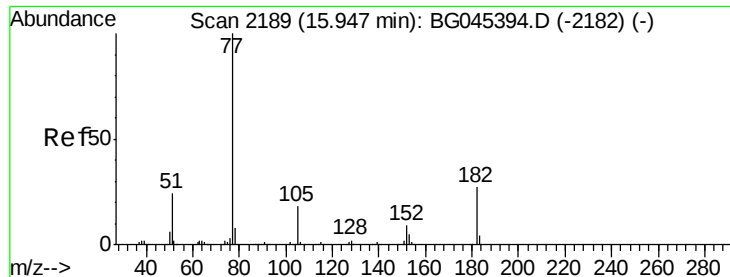
#62
4-Nitroaniline
Concen: 37.884 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:138 Resp: 173989
Ion Ratio Lower Upper
138 100
92 59.3 38.0 78.0
108 112.9 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

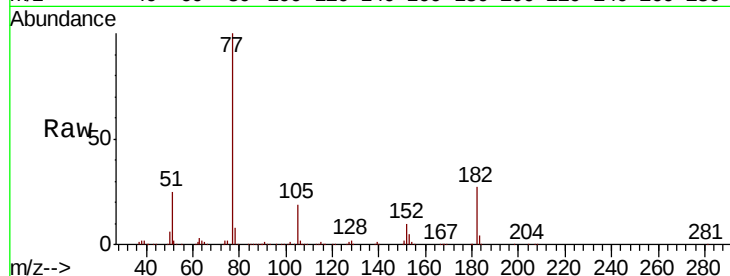




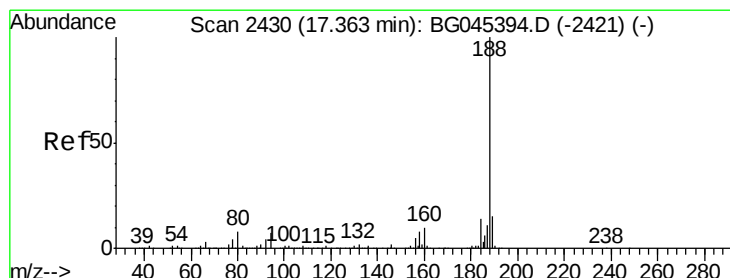
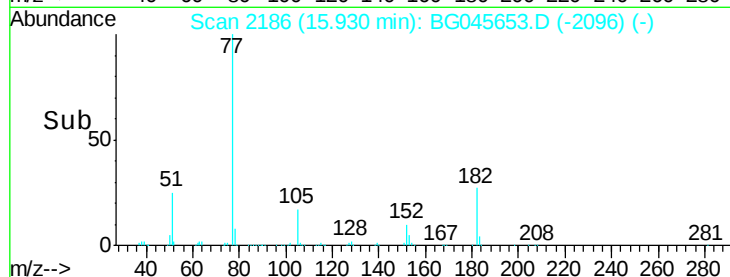
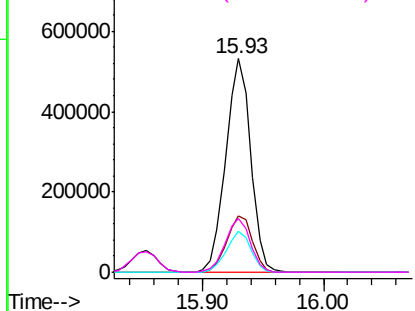
#63
Azobenzene
Concen: 40.762 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:	77	Resp:	758719
Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.5	46.5
105	19.3	0.0	37.9
51	25.3	4.1	44.1

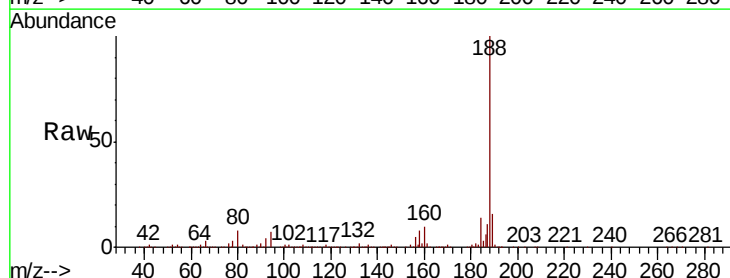


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

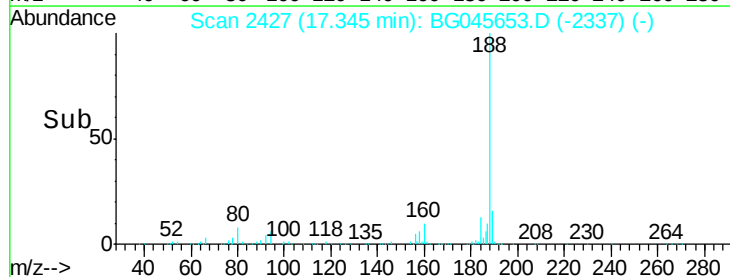
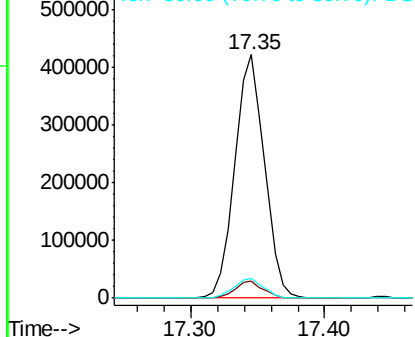


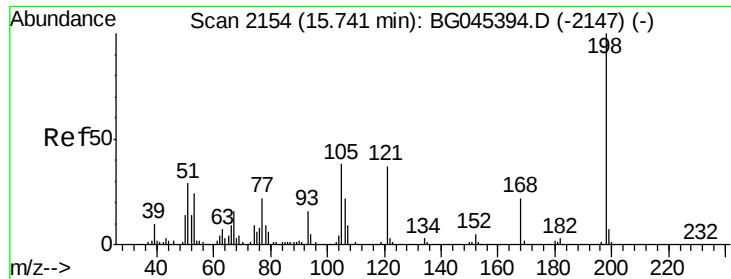
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:	188	Resp:	649932
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.1	6.6	10.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.774 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

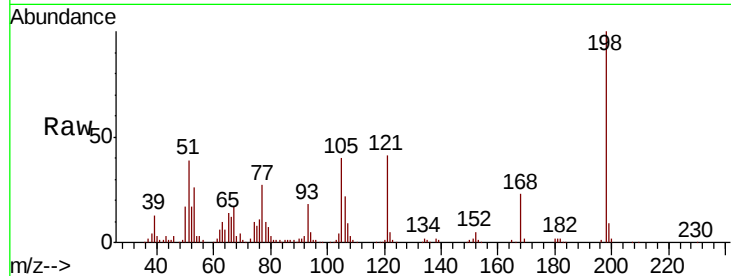
Tot Ion:198 Resp: 161906

Ion Ratio Lower Upper

198 100

51 38.7 10.0 50.0

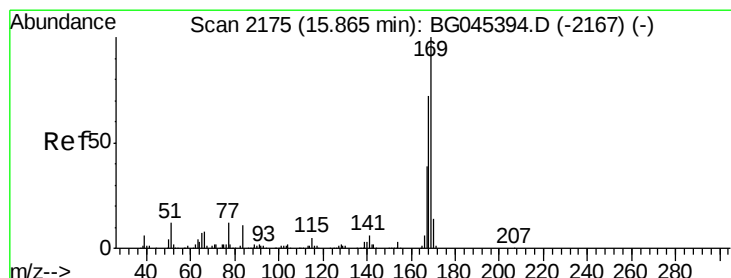
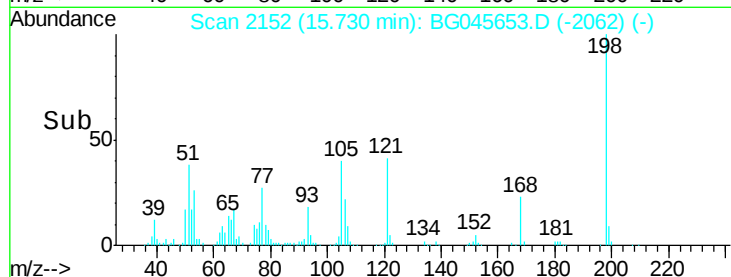
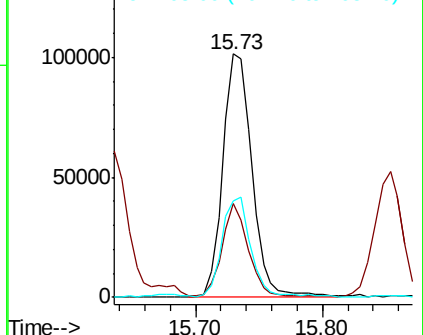
105 39.6 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.318 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

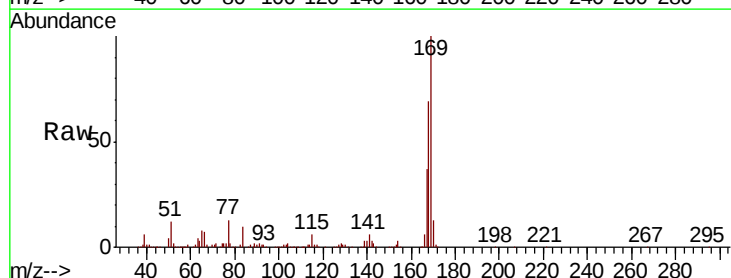
Tgt Ion:169 Resp: 660359

Ion Ratio Lower Upper

169 100

168 69.2 57.8 86.6

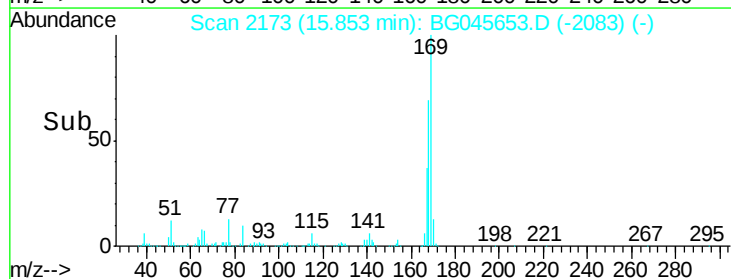
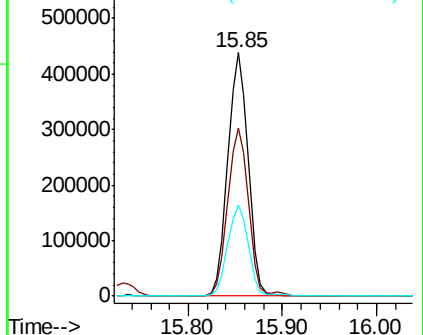
167 37.3 31.5 47.3

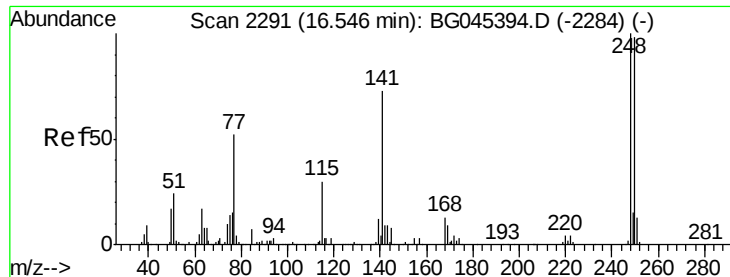


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

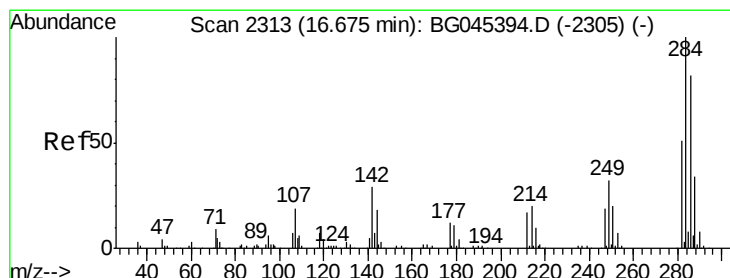
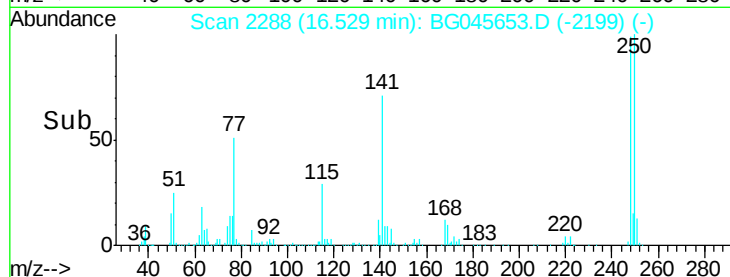
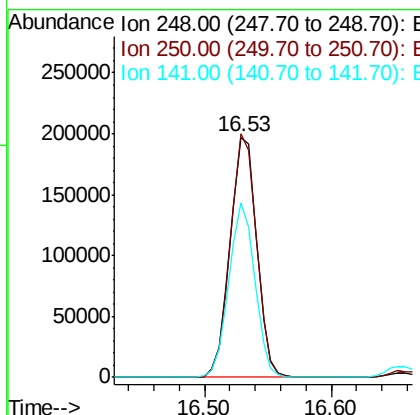
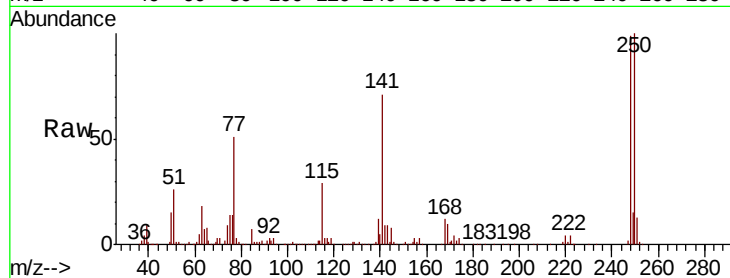




#67
4-Bromophenyl-phenylether
Concen: 40.892 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

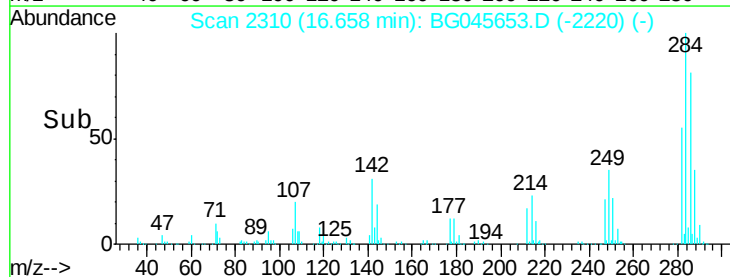
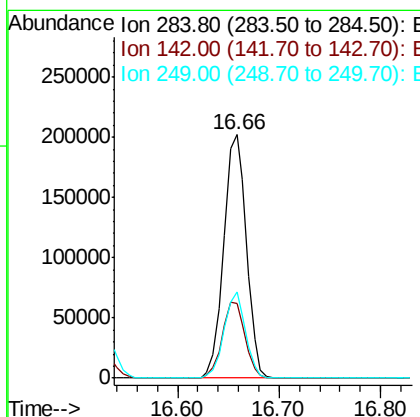
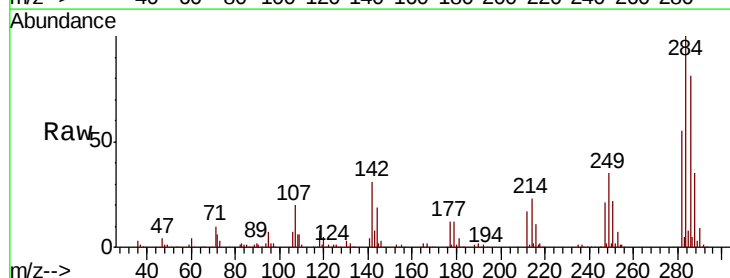
Instrument :
BNA_G
ClientSampled :
SP5150

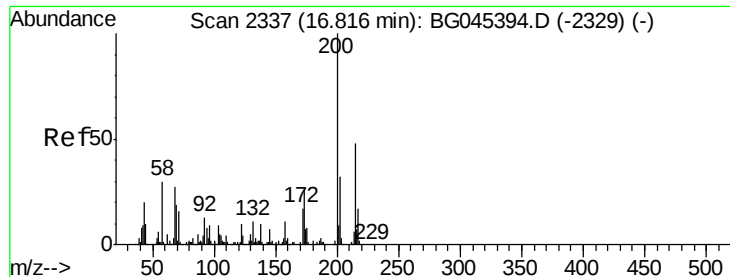
Tot Ion:248 Resp: 287787
Ion Ratio Lower Upper
248 100
250 101.3 78.6 117.8
141 72.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 42.462 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:284 Resp: 312554
Ion Ratio Lower Upper
284 100
142 30.8 23.0 34.6
249 35.2 25.8 38.6





#69

Atrazine

Concen: 40.008 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

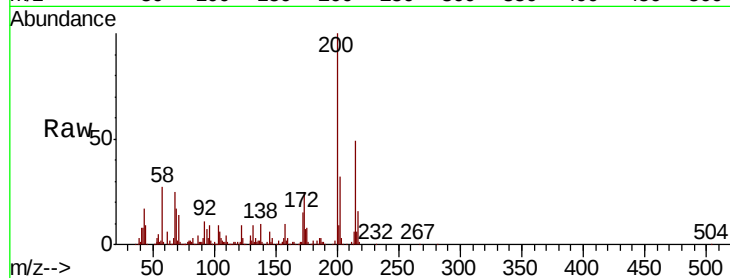
Tot Ion:200 Resp: 257150

Ion Ratio Lower Upper

200 100

173 24.6 5.5 45.5

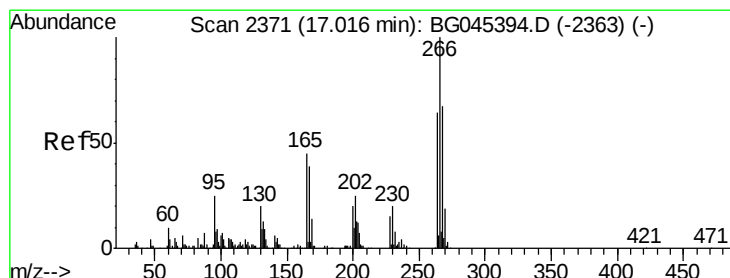
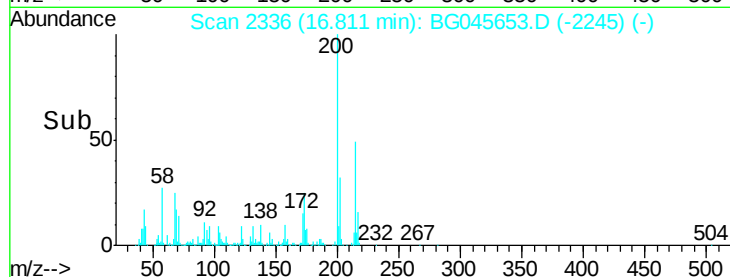
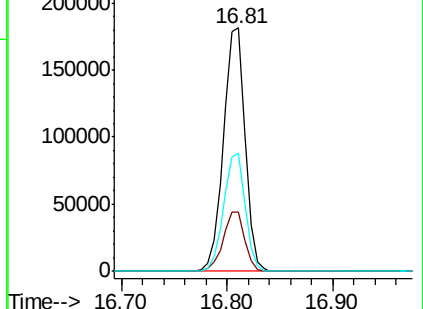
215 48.6 28.2 68.2



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: 79.208 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

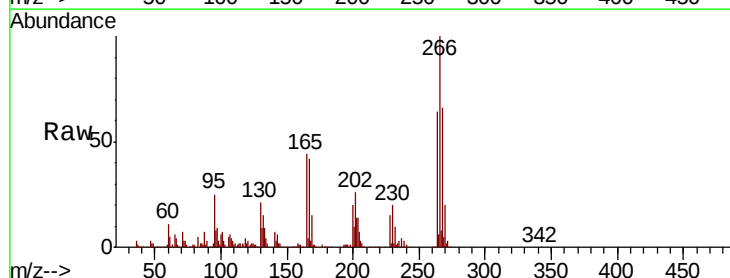
Tgt Ion:266 Resp: 302738

Ion Ratio Lower Upper

266 100

268 65.7 53.2 79.8

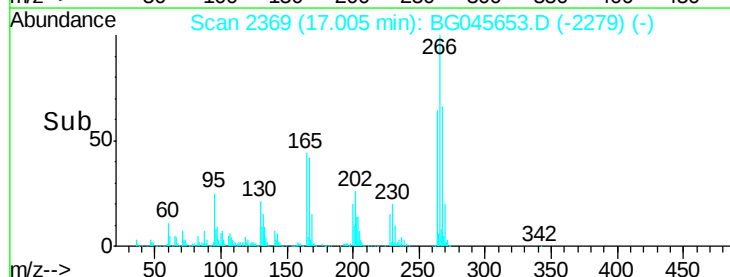
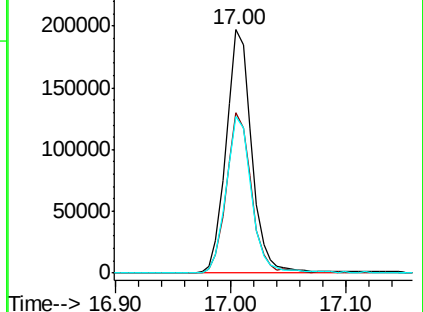
264 64.2 51.0 76.4

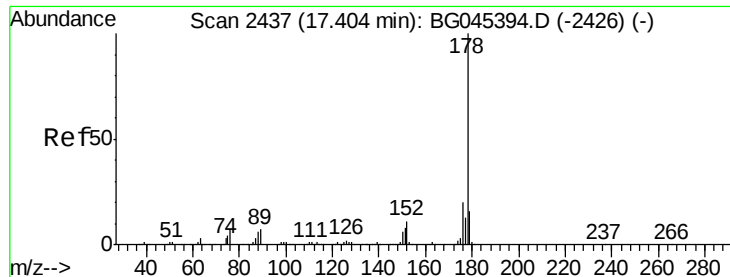


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

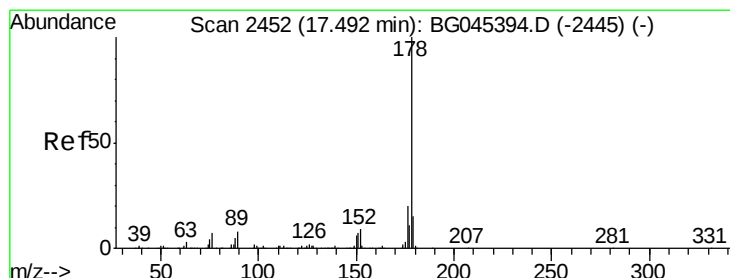
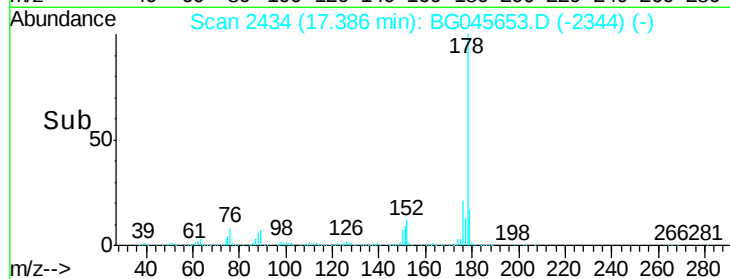
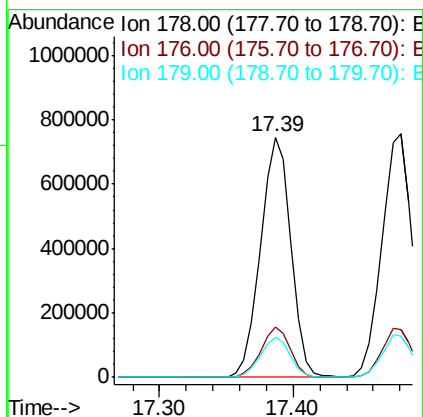
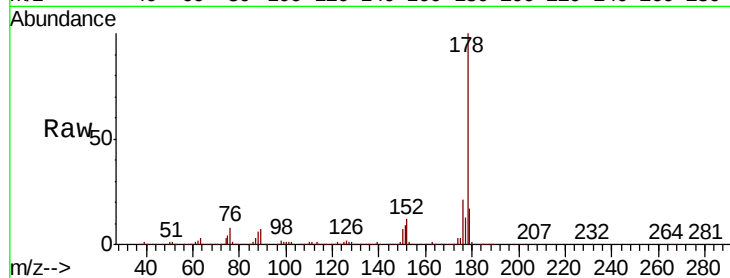




#71
Phenanthrene
Concen: 41.083 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

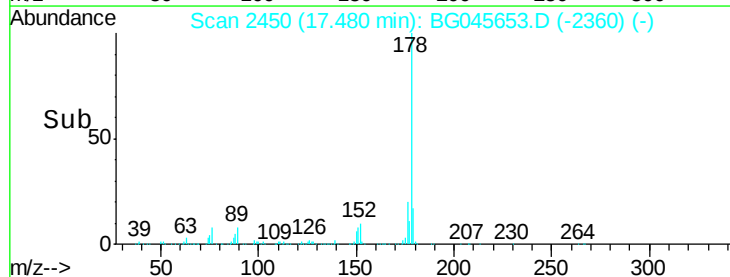
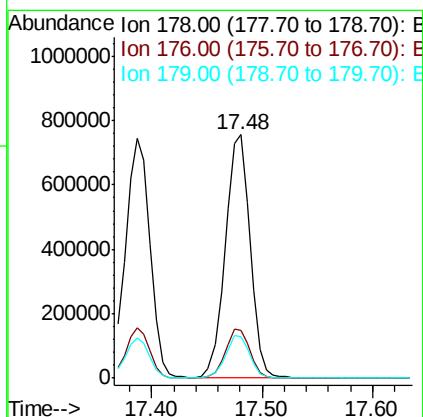
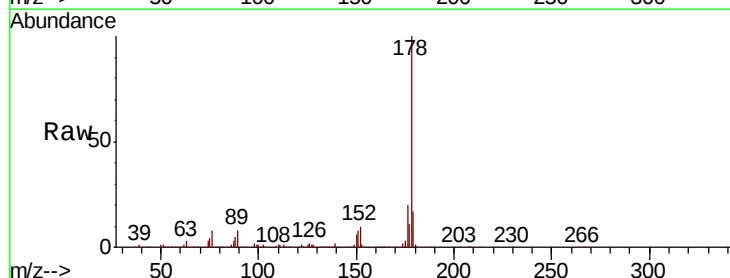
Instrument :
BNA_G
ClientSampleId :
SP5150

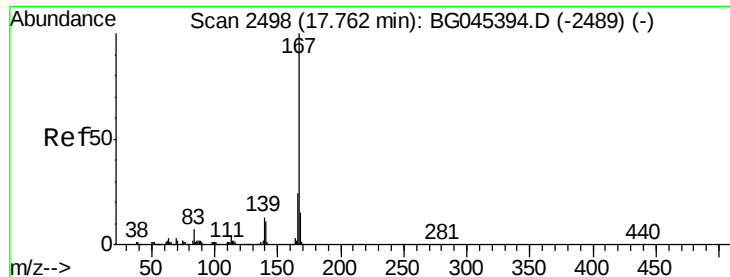
Tot Ion:178 Resp: 1165641
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 41.632 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:178 Resp: 1186219
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 17.2 12.2 18.4



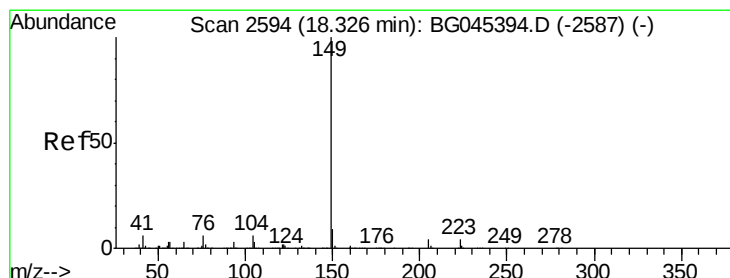
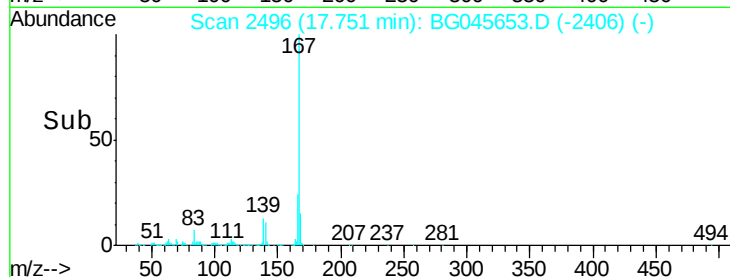
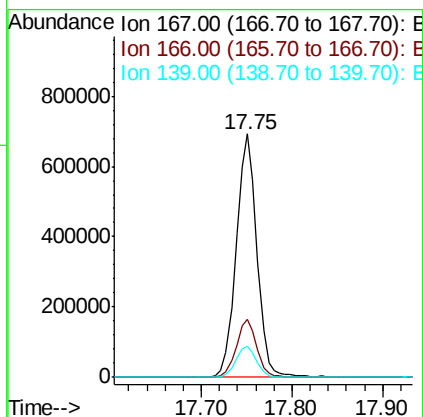
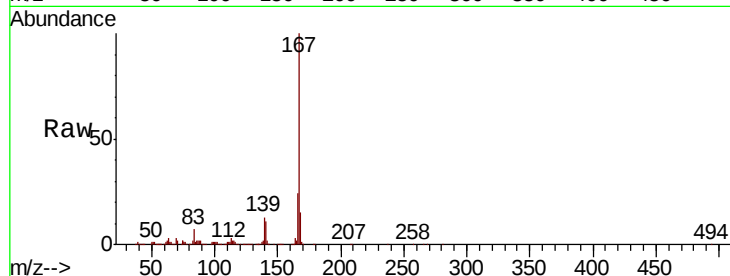


#73
 Carbazole
 Concen: 39.703 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion:167 Resp: 1102717

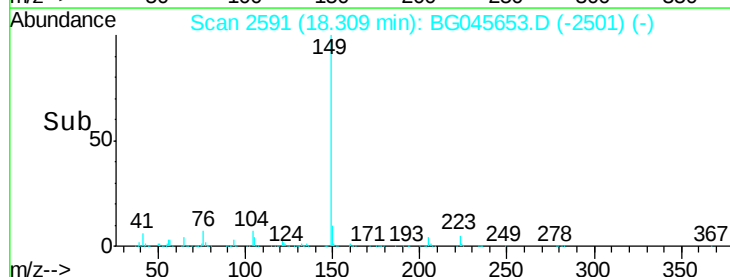
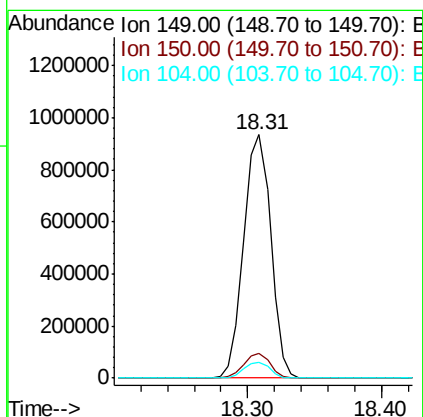
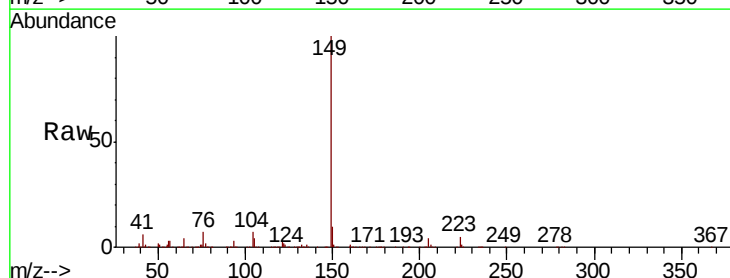
Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	12.9	10.6	16.0

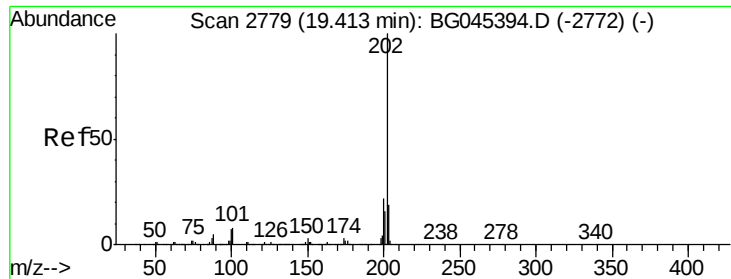


#74
 Di-n-butylphthalate
 Concen: 39.200 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:149 Resp: 1306767

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 39.745 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

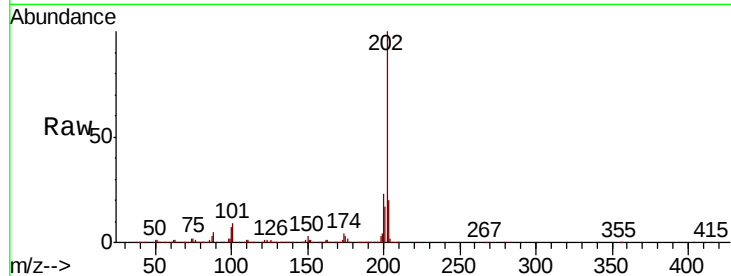
Tot Ion:202 Resp: 1434345

Ion Ratio Lower Upper

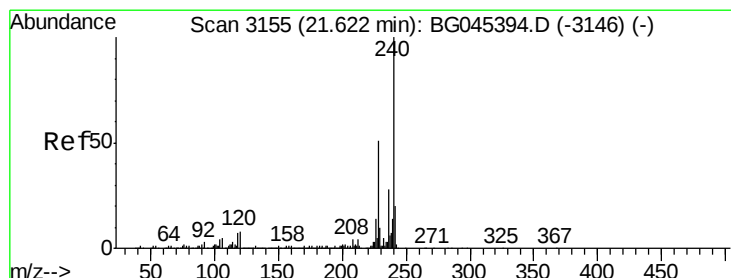
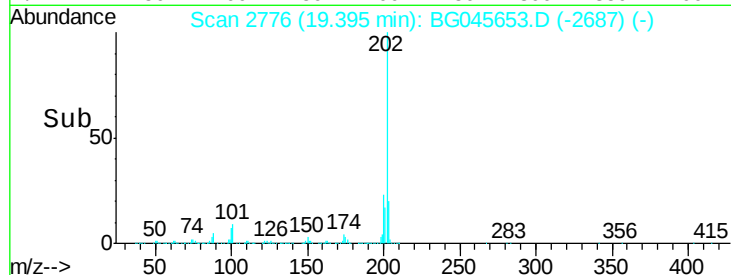
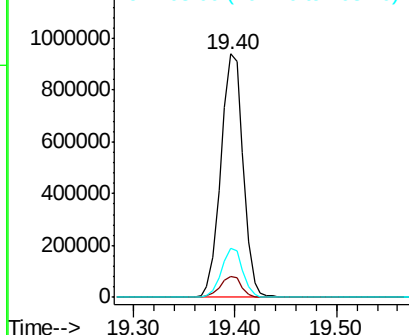
202 100

101 8.8 0.0 28.3

203 20.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

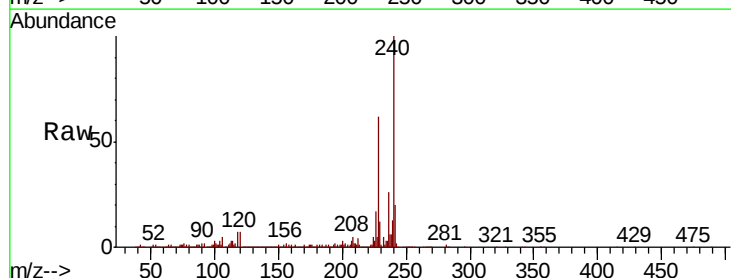
Tgt Ion:240 Resp: 608426

Ion Ratio Lower Upper

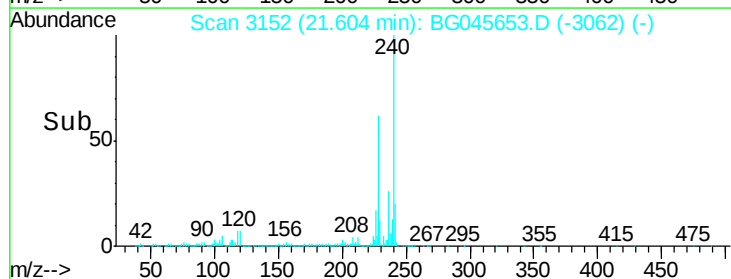
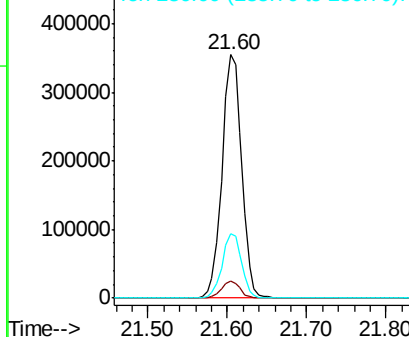
240 100

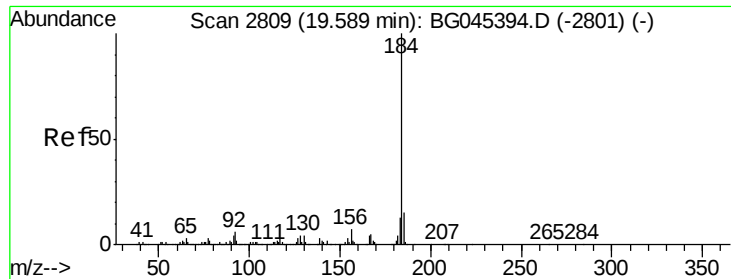
120 7.1 6.1 9.1

236 26.3 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.113 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

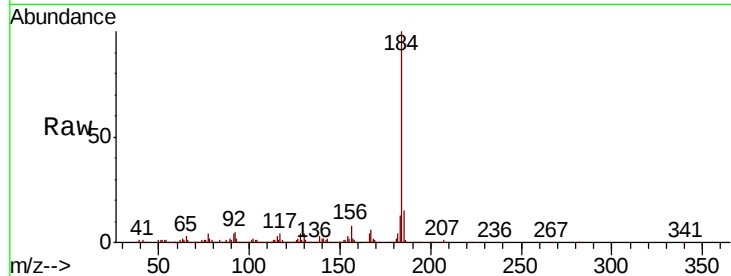
Tot Ion:184 Resp: 822146

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

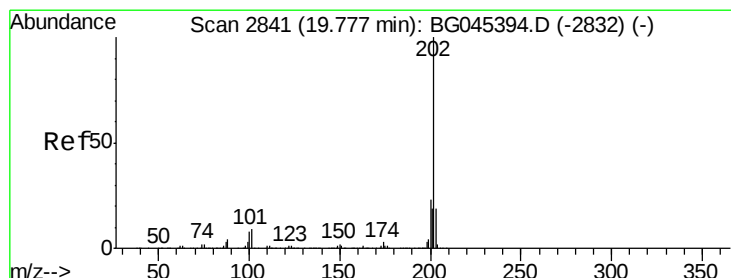
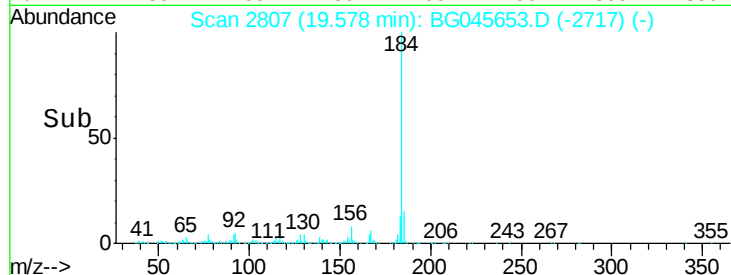
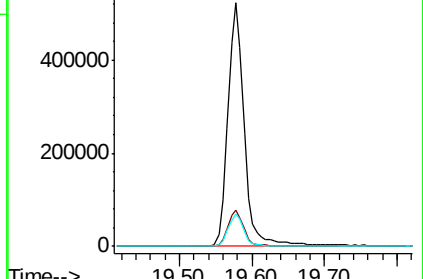
183 13.2 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.551 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

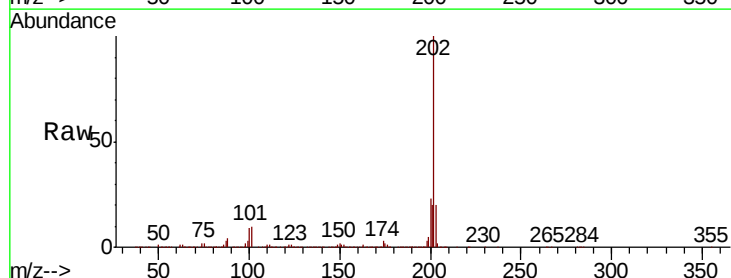
Tgt Ion:202 Resp: 1406438

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

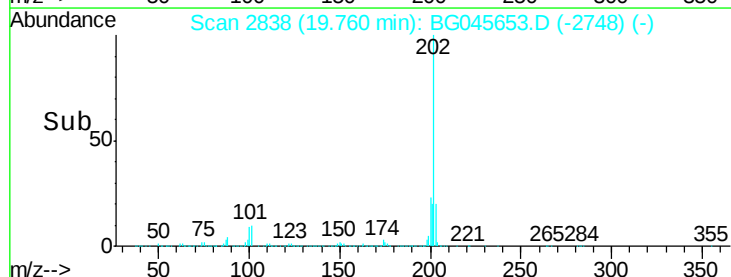
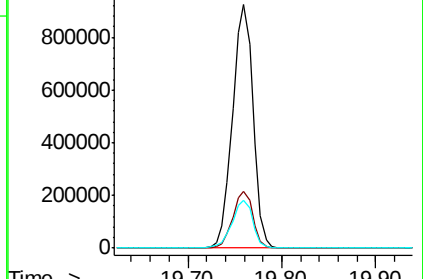
203 19.7 15.1 22.7

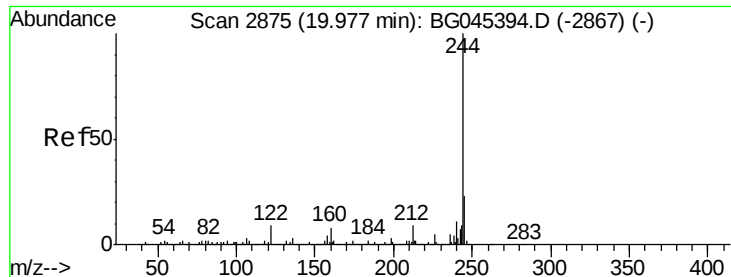


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.009 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

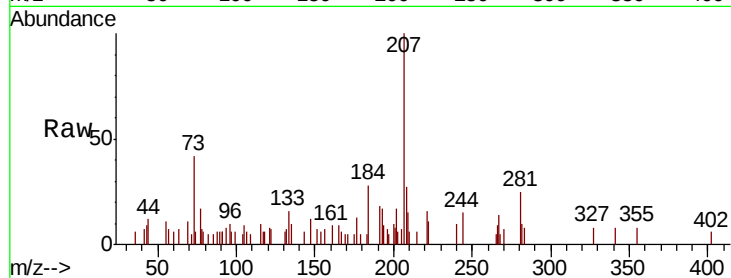
Tot Ion:244 Resp: 223

Ion Ratio Lower Upper

244 100

212 0.0 7.4 11.0#

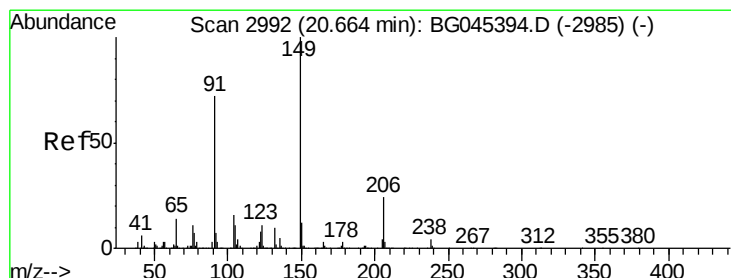
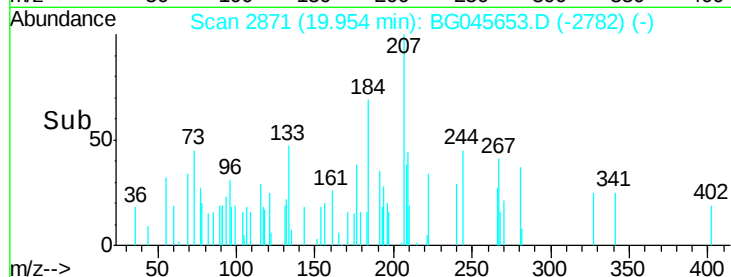
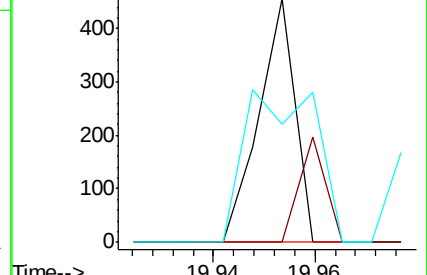
122 48.5 6.8 10.2#



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: 40.075 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

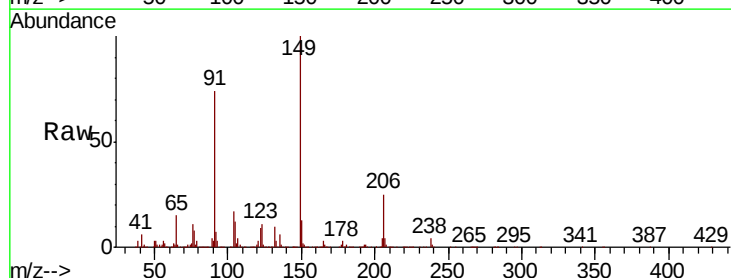
Tgt Ion:149 Resp: 599936

Ion Ratio Lower Upper

149 100

91 73.9 57.8 86.6

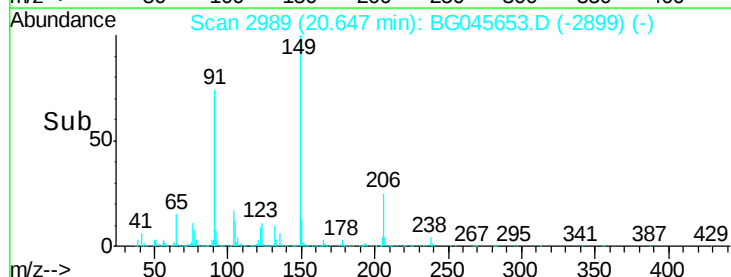
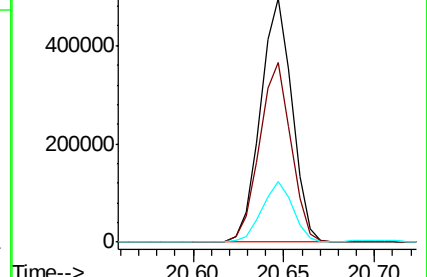
206 24.9 19.1 28.7

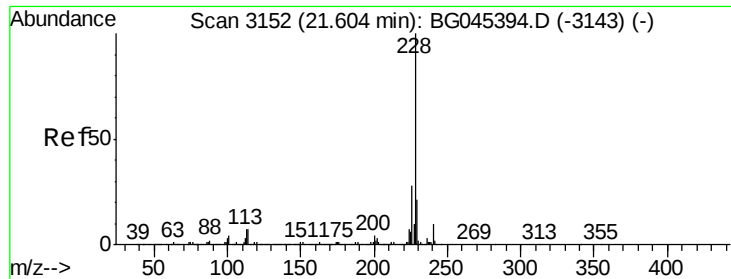


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.633 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampled :

SP5150

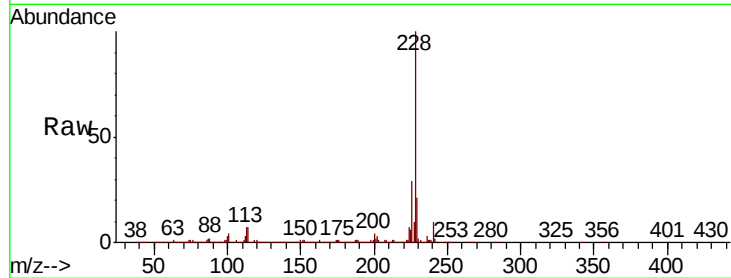
Tot Ion:228 Resp: 1377201

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

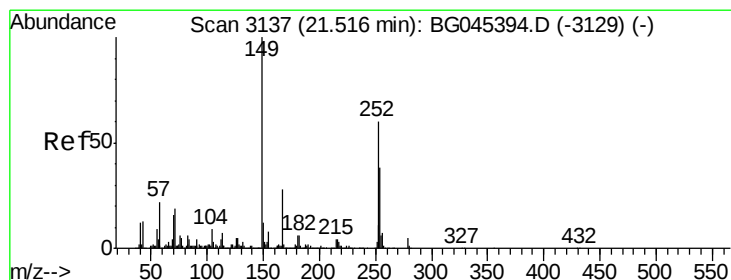
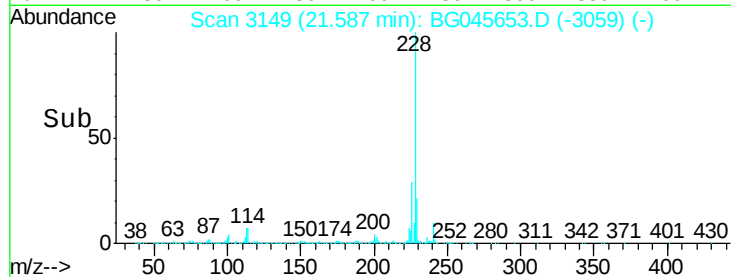
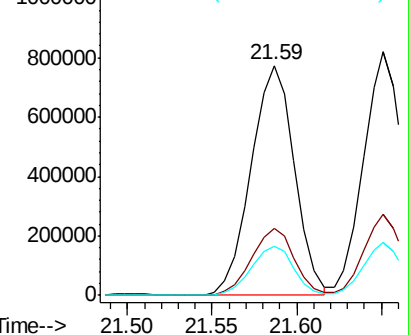
229 21.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.076 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

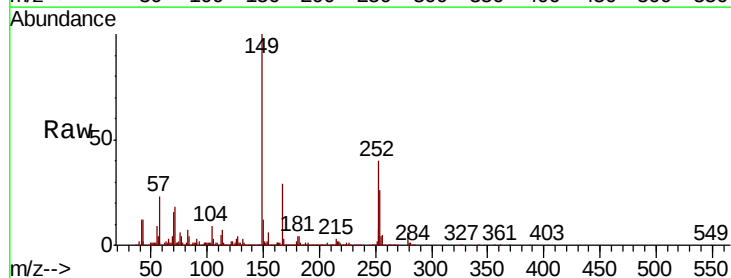
Tgt Ion:252 Resp: 386570

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

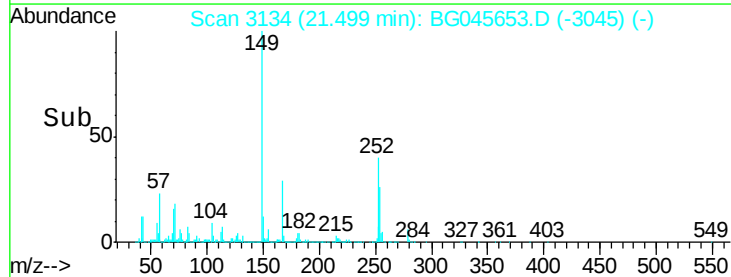
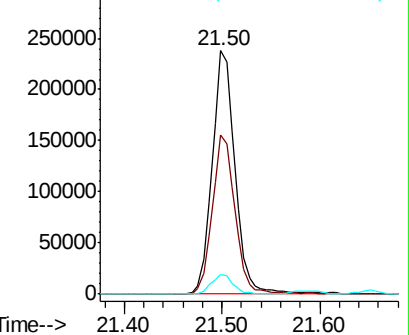
126 8.0 6.6 10.0

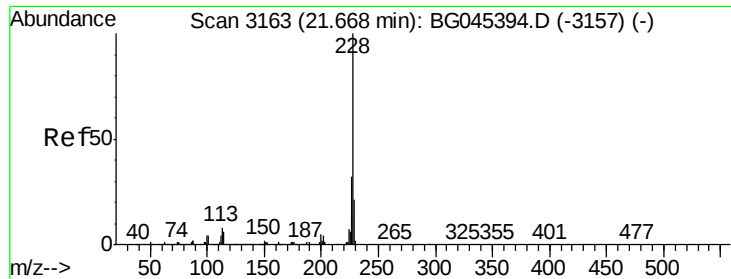


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.625 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

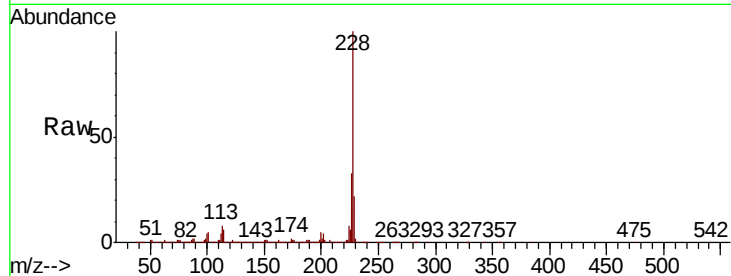
BNA_G

ClientSampled :

SP5150

Tot Ion:228 Resp: 1323977

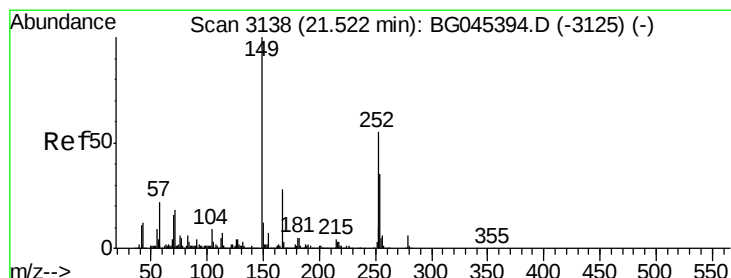
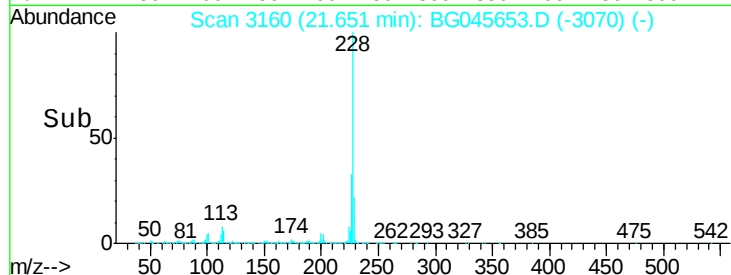
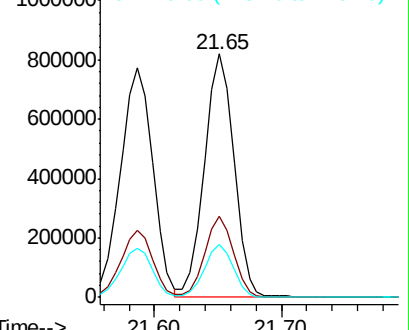
Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.2	37.8
229	21.7	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.170 ng

RT: 21.50 min Scan# 3134

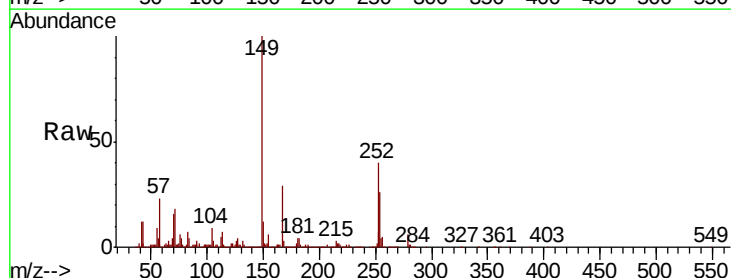
Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:149 Resp: 826639

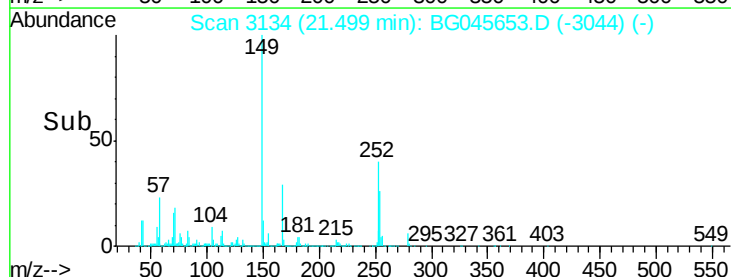
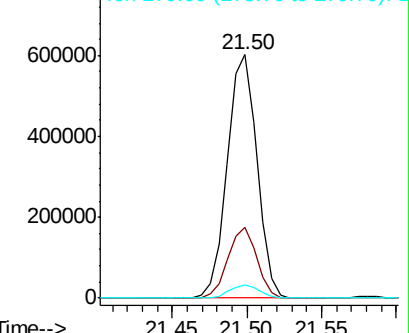
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.7	4.7	7.1

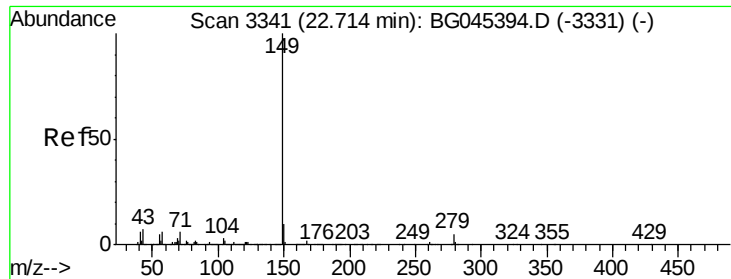


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.442 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

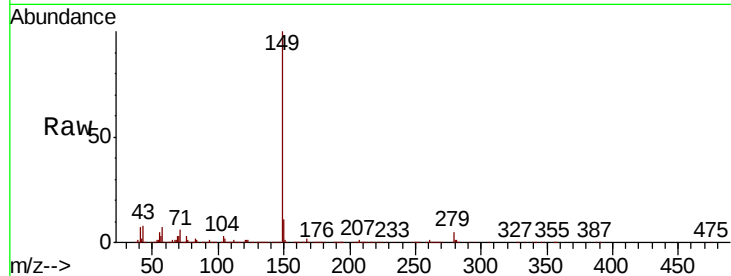
Tot Ion:149 Resp: 1358697

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

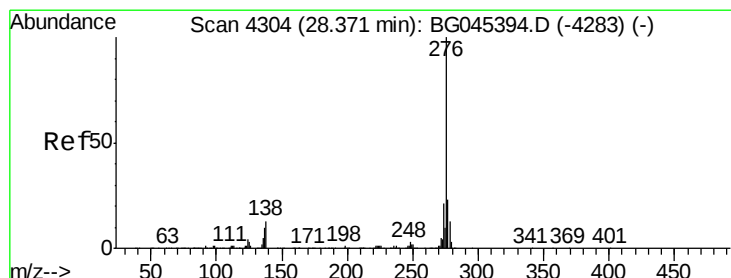
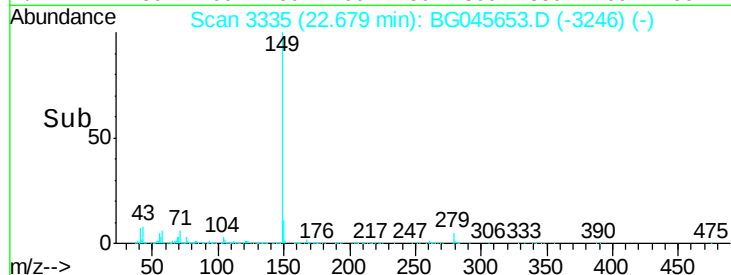
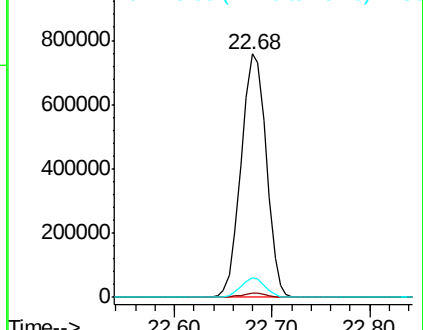
43 7.6 5.8 8.8



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: 40.355 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

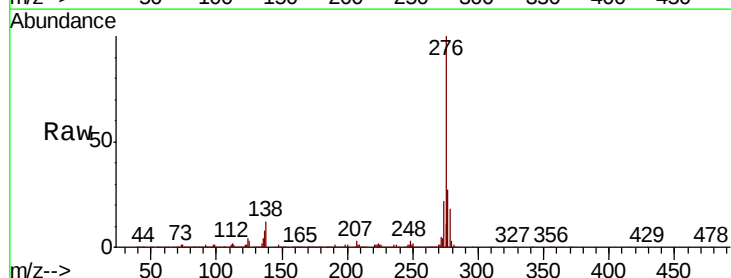
Tgt Ion:276 Resp: 1719826

Ion Ratio Lower Upper

276 100

138 14.3 8.6 12.8#

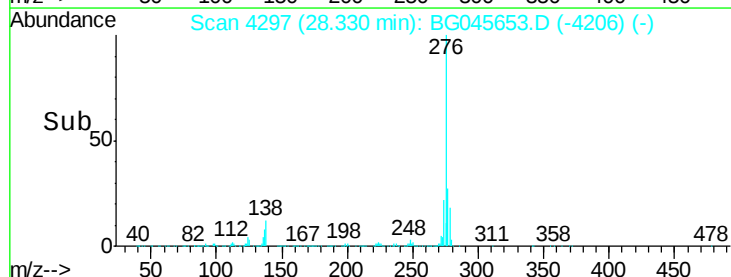
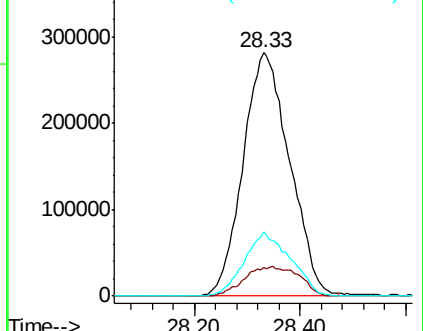
277 26.2 20.2 30.4

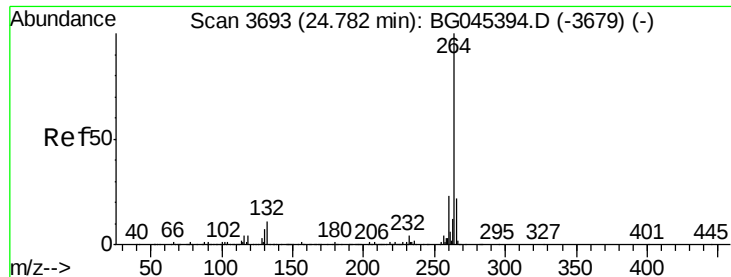


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

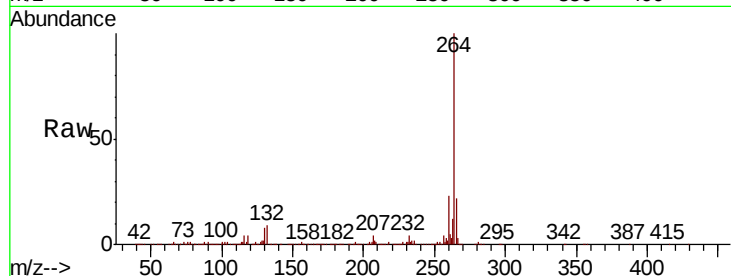
Tot Ion:264 Resp: 656605

Ion Ratio Lower Upper

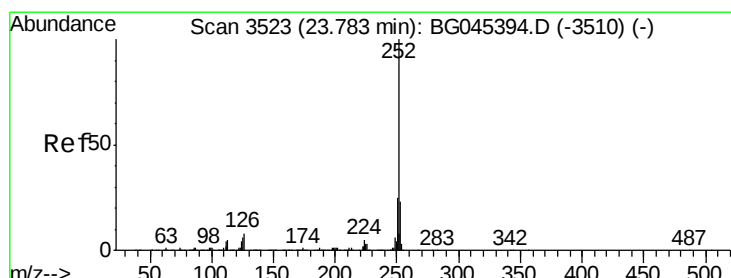
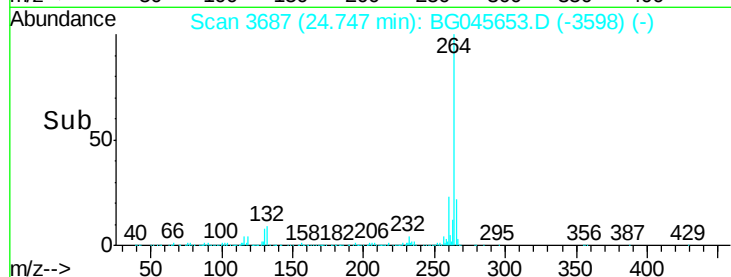
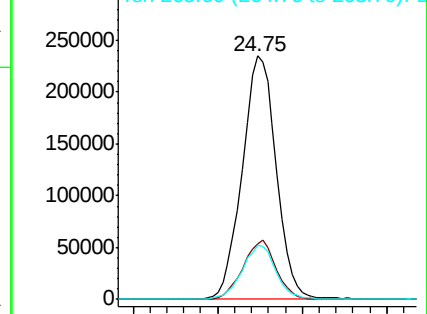
264 100

260 22.8 18.2 27.4

265 22.3 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 41.859 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

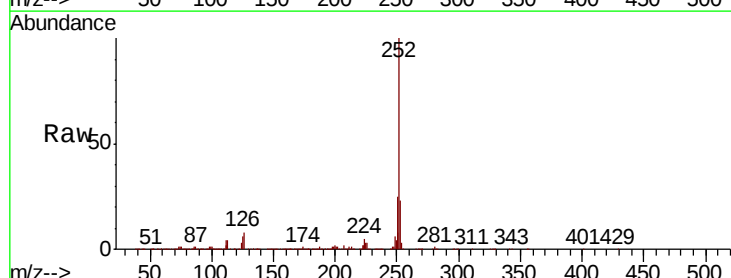
Tgt Ion:252 Resp: 1474034

Ion Ratio Lower Upper

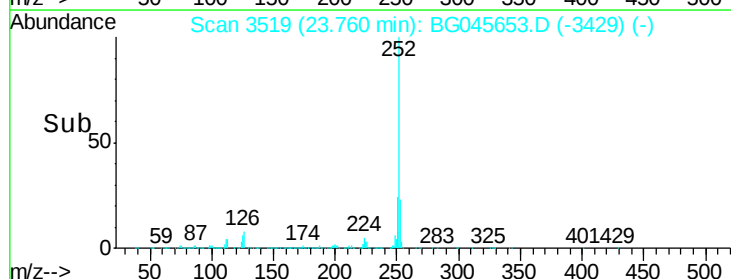
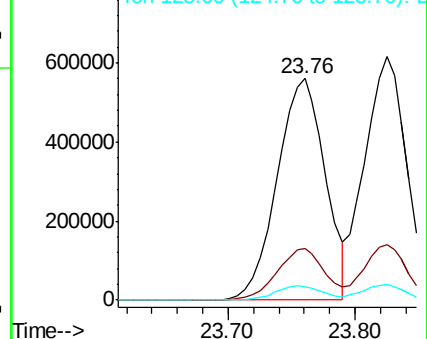
252 100

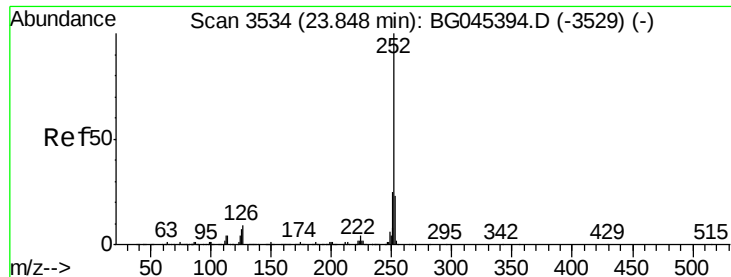
253 23.2 18.1 27.1

125 5.9 5.0 7.6



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





#89

Benzo(k)fluoranthene

Concen: 43.184 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

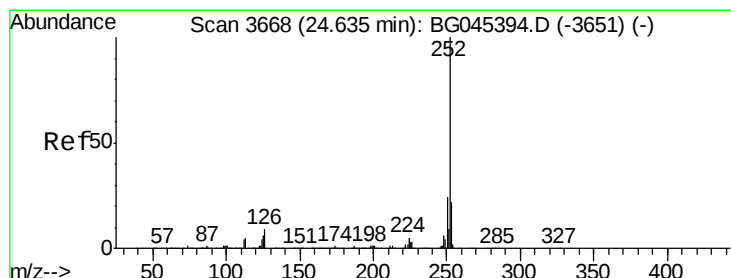
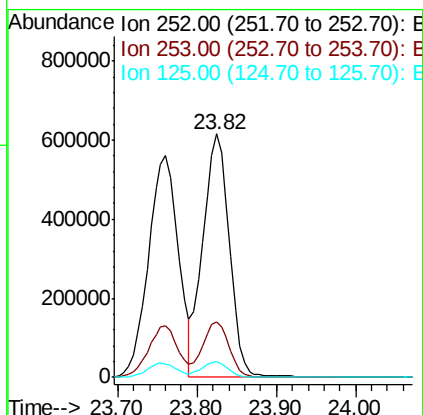
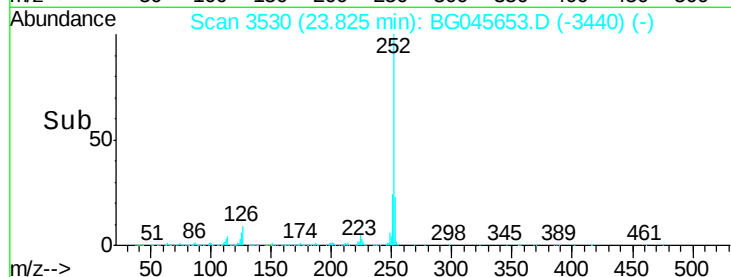
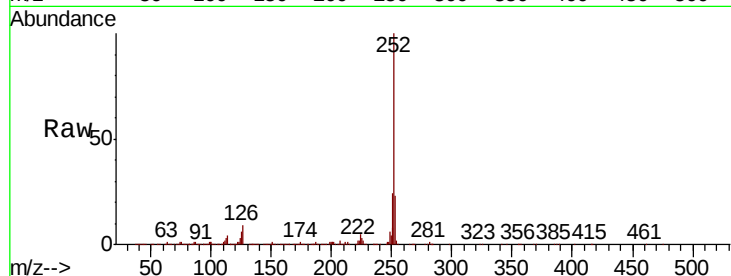
Tot Ion:252 Resp: 1428694

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 6.3 5.7 8.5



#90

Benzo(a)pyrene

Concen: 41.429 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

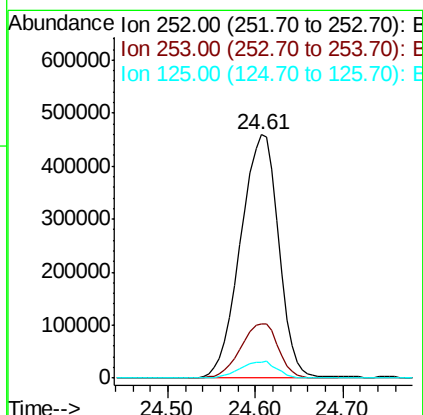
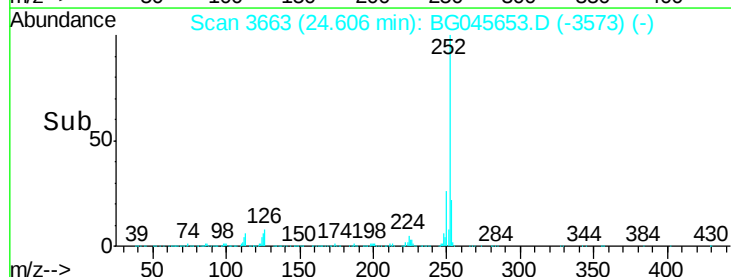
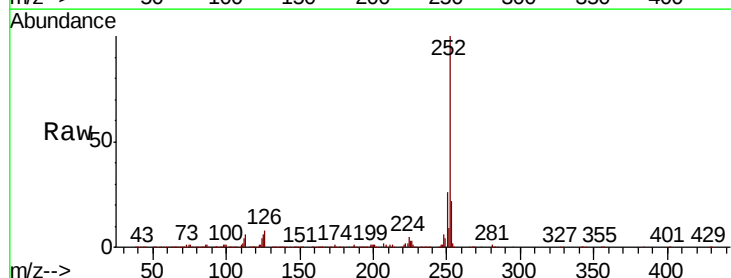
Tgt Ion:252 Resp: 1358713

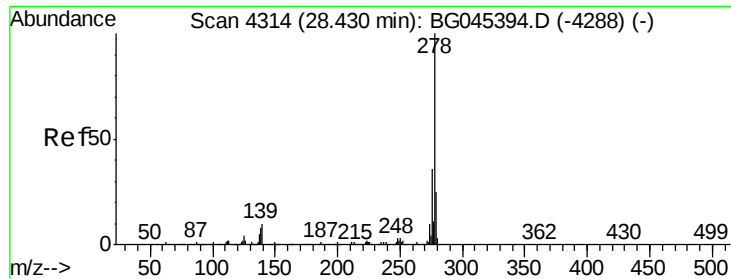
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 6.5 5.0 7.6

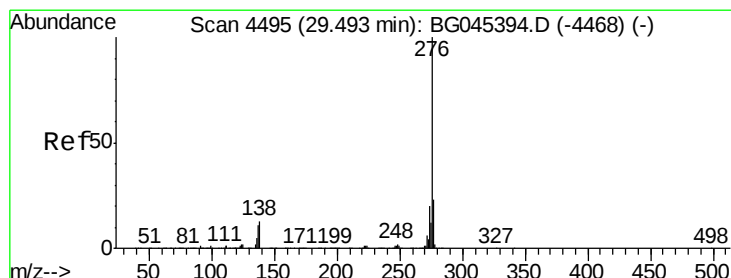
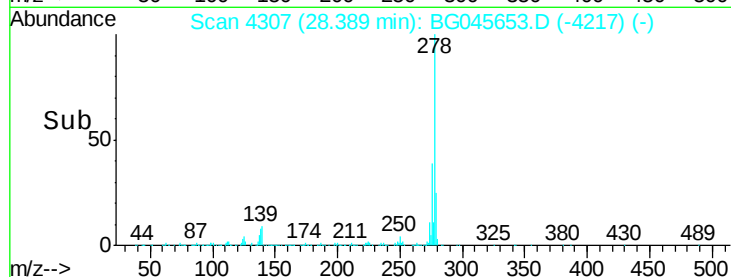
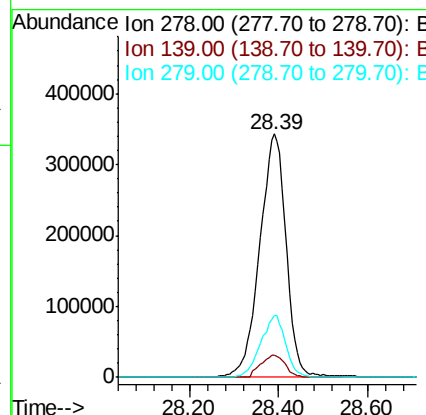
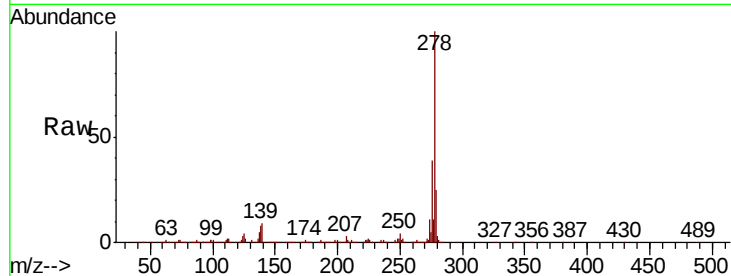




#91
Dibenzo(a,h)anthracene
Concen: 42.528 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:278 Resp: 1401608
Ion Ratio Lower Upper
278 100
139 9.2 7.8 11.8
279 25.3 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.631 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:276 Resp: 1405155
Ion Ratio Lower Upper
276 100
277 23.1 18.1 27.1
138 11.1 10.2 15.4

