

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BS9.D
 Acq On : 2 May 2020 5:39
 Operator : CG/JU
 Sample : BS
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 07:07:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	68899	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	280372	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	207476	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	509651	20.00	ng	0.00
76) Chrysene-d12	21.64	240	481379	20.00	ng	0.00
87) Perylene-d12	24.82	264	527454	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	618639	148.24	ng	0.00
7) Phenol-d6	7.16	99	854483	137.81	ng	0.00
23) Nitrobenzene-d5	9.15	82	532899	86.73	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	449837	140.34	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1281466	90.57	ng	0.00
79) Terphenyl-d14	19.99	244	2169190	98.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	79937	43.100	ng	99
3) Pyridine	3.84	79	182332	31.929	ng	96
4) n-Nitrosodimethylamine	3.75	42	83574	47.774	ng	94
6) Aniline	7.31	93	293019	36.346	ng	100
8) 2-Chlorophenol	7.56	128	231962	51.718	ng	97
9) Benzaldehyde	7.12	77	181099	58.564	ng	97
10) Phenol	7.19	94	309332	49.854	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	212640	43.044	ng	97
12) 1,3-Dichlorobenzene	7.88	146	245240	46.401	ng	98
13) 1,4-Dichlorobenzene	8.02	146	243817	46.297	ng	98
14) 1,2-Dichlorobenzene	8.34	146	232154	46.078	ng	93
15) Benzyl Alcohol	8.23	79	232932	44.807	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	191255	39.440	ng	94
17) 2-Methylphenol	8.43	107	210090	43.885	ng	91
18) Hexachloroethane	9.07	117	93417	47.185	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	184884	42.163	ng	98
20) 3+4-Methylphenols	8.77	107	292344	43.629	ng	98
22) Acetophenone	8.81	105	351660	46.381	ng	99
24) Nitrobenzene	9.19	77	285142	45.271	ng	98
25) Isophorone	9.71	82	538796	42.818	ng	98
26) 2-Nitrophenol	9.90	139	131304	48.397	ng	98
27) 2,4-Dimethylphenol	9.97	122	217146	50.442	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	300510	45.453	ng	99
29) 2,4-Dichlorophenol	10.45	162	246293	49.549	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	264601	47.016	ng	95
31) Naphthalene	10.85	128	706551	46.066	ng	99
32) Benzoic acid	10.13	122	153324	44.608	ng	93
33) 4-Chloroaniline	10.95	127	157797	22.060	ng	99
34) Hexachlorobutadiene	11.15	225	179130	46.424	ng	97
35) Caprolactam	11.72	113	57974	29.305	ng	94
36) 4-Chloro-3-methylphenol	12.09	107	285193	48.840	ng	97
37) 2-Methylnaphthalene	12.46	142	554353	46.565	ng	97
38) 1-Methylnaphthalene	12.46	142	554353	49.325	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	315171	47.180	ng	100

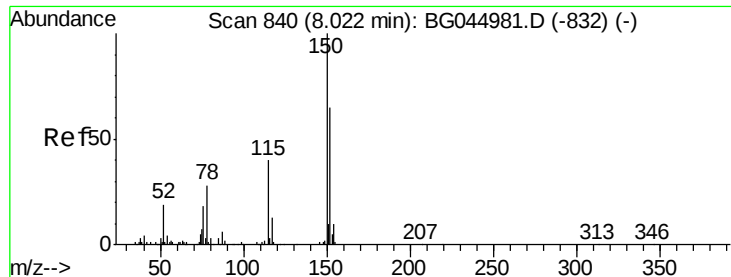
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
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 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	401837	96.243	ng	96
43) 2,4,6-Trichlorophenol	13.07	196	230599	48.911	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	241175	44.941	ng	97
46) 1,1'-Biphenyl	13.46	154	718848	45.584	ng	100
47) 2-Chloronaphthalene	13.51	162	551702	45.786	ng	99
48) 2-Nitroaniline	13.70	65	181224	45.711	ng	98
49) Acenaphthylene	14.35	152	916816	46.712	ng	99
50) Dimethylphthalate	14.08	163	766685	45.383	ng	99
51) 2,6-Dinitrotoluene	14.20	165	178102	47.134	ng	95
52) Acenaphthene	14.69	154	571801	43.059	ng	99
53) 3-Nitroaniline	14.53	138	118371	28.563	ng	88
54) 2,4-Dinitrophenol	14.74	184	230326	102.509	ng	# 90
55) Dibenzofuran	15.03	168	898182	46.392	ng	97
56) 4-Nitrophenol	14.85	139	284966	88.683	ng	95
57) 2,4-Dinitrotoluene	14.99	165	248411	44.985	ng	98
58) Fluorene	15.68	166	747453	47.265	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	244228	51.147	ng	97
60) Diethylphthalate	15.45	149	787755	44.725	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	419949	46.136	ng	97
62) 4-Nitroaniline	15.70	138	173649	40.398	ng	93
63) Azobenzene	15.97	77	747652	46.041	ng	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	165988	49.549	ng	97
66) n-Nitrosodiphenylamine	15.89	169	673015	45.961	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	293263	44.603	ng	97
68) Hexachlorobenzene	16.69	284	317678	46.587	ng	99
69) Atrazine	16.84	200	259652	49.045	ng	99
70) Pentachlorophenol	17.03	266	390234	93.286	ng	99
71) Phenanthrene	17.42	178	1216668	46.456	ng	100
72) Anthracene	17.51	178	1254864	47.766	ng	99
73) Carbazole	17.78	167	1139061	42.726	ng	98
74) Di-n-butylphthalate	18.34	149	1371153	47.598	ng	99
75) Fluoranthene	19.44	202	1516484	49.941	ng	99
77) Benzidine	19.61	184	767355	56.567	ng	97
78) Pyrene	19.79	202	1494805	45.043	ng	99
80) Butylbenzylphthalate	20.68	149	618595	44.968	ng	99
81) Benzo(a)anthracene	21.63	228	1458500	46.747	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	456007	36.720	ng	96
83) Chrysene	21.69	228	1378526	45.985	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	857882	45.344	ng	100
85) Di-n-octyl phthalate	22.74	149	1481788	45.291	ng	99
86) Indeno(1,2,3-cd)pyrene	28.43	276	1889587	47.476	ng	# 98
88) Benzo(b)fluoranthene	23.82	252	1606058	48.610	ng	98
89) Benzo(k)fluoranthene	23.89	252	1485791	47.287	ng	99
90) Benzo(a)pyrene	24.67	252	1444864	46.318	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1528974	48.642	ng	95
92) Benzo(g,h,i)perylene	29.55	276	1531208	48.589	ng	99

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

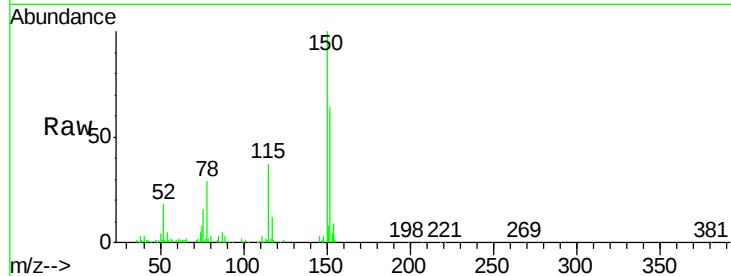


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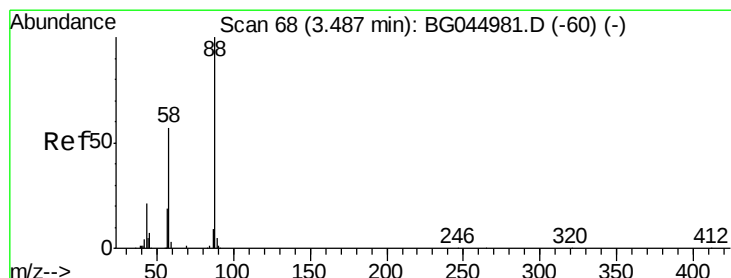
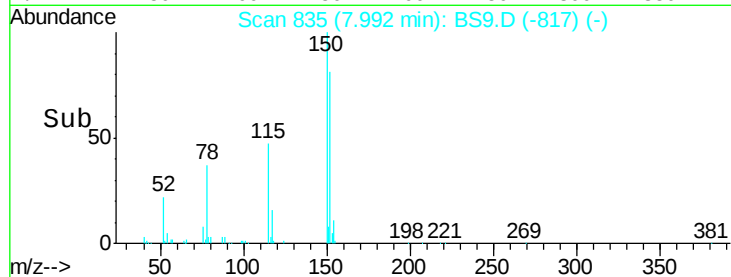
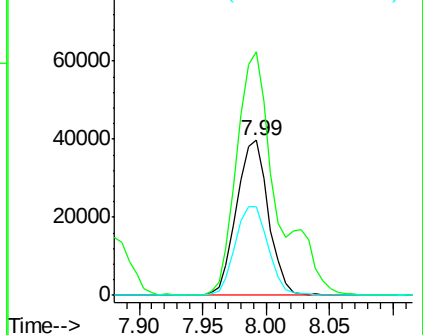
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.6	185.4
115	57.6	49.1	73.7



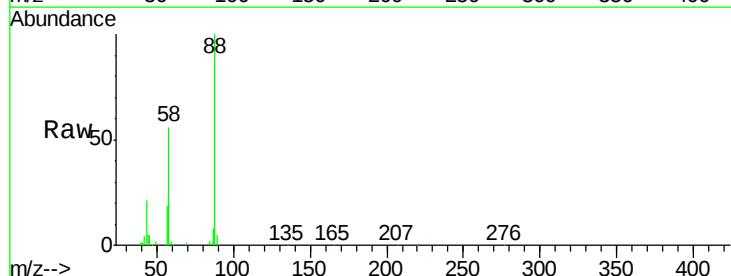
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



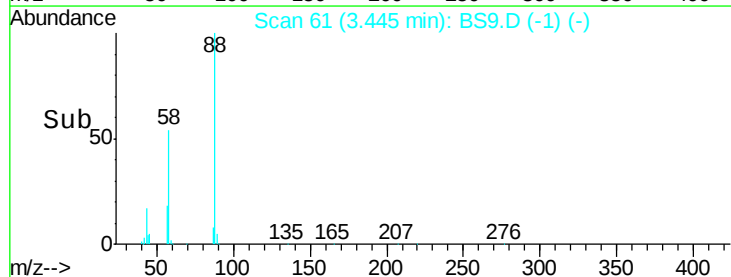
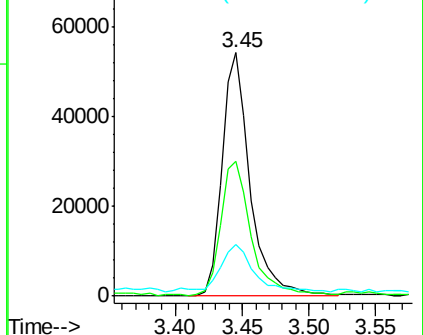
#2

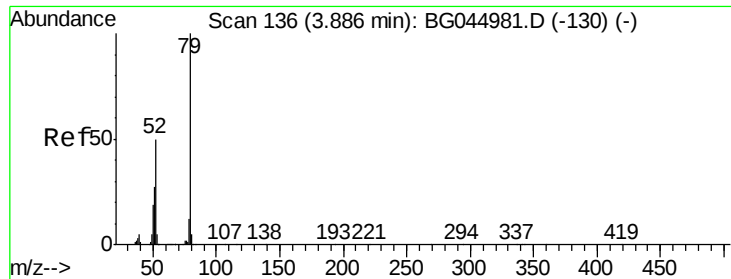
1,4-Dioxane
Concen: 43.100 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	46.6	69.8
43	21.8	17.5	26.3



Abundance Ion 88.00 (87.70 to 88.70): BS9
Ion 58.00 (57.70 to 58.70): BS9
Ion 43.00 (42.70 to 43.70): BS9





#3

Pvridine

Concen: 31.929 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

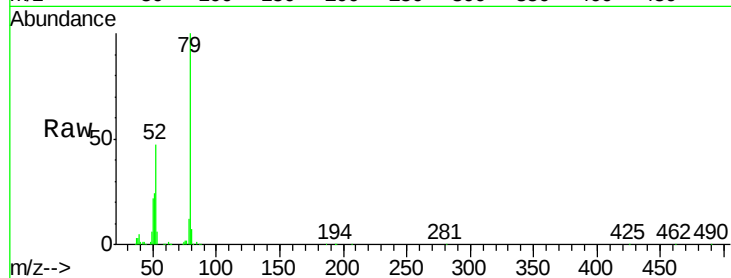
Tot Ion: 79 Resp: 182332

Ion Ratio Lower Upper

79 100

52 47.2 39.8 59.6

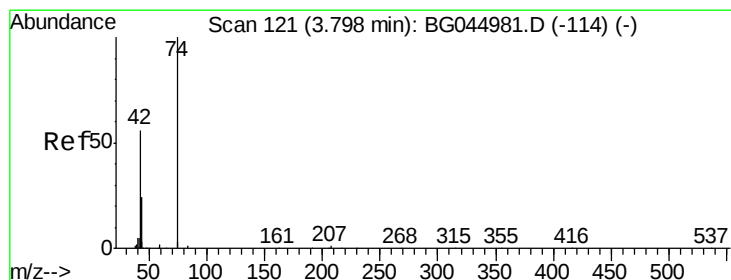
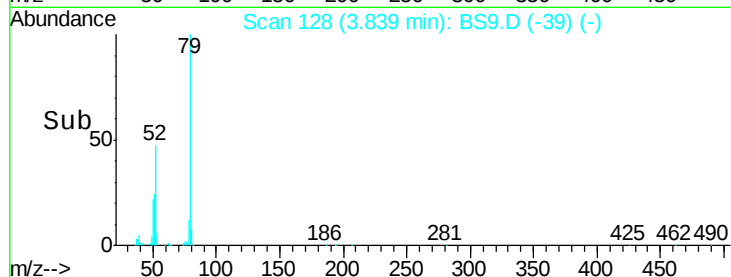
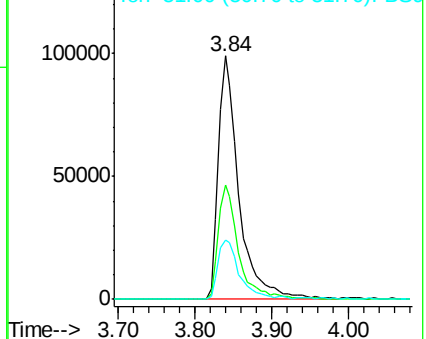
51 24.2 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BS9

Ion 52.00 (51.70 to 52.70): BS9

Ion 51.00 (50.70 to 51.70): BS9



#4

n-Nitrosodimethylamine

Concen: 47.774 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

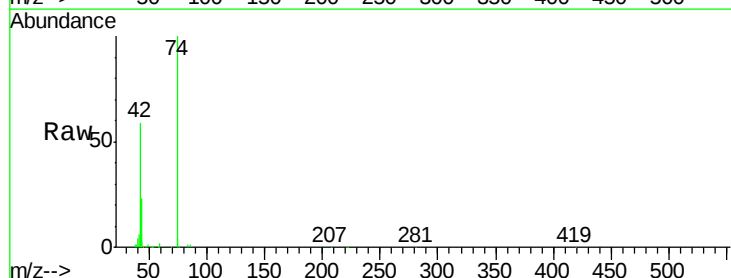
Tgt Ion: 42 Resp: 83574

Ion Ratio Lower Upper

42 100

74 170.5 143.0 214.6

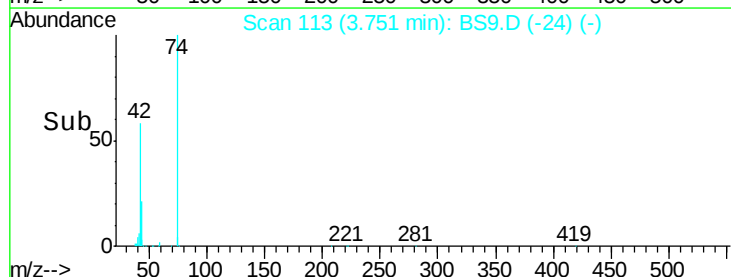
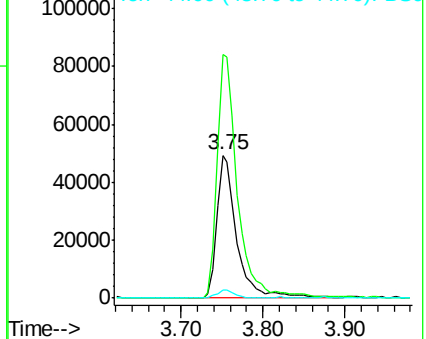
44 5.3 4.6 6.8

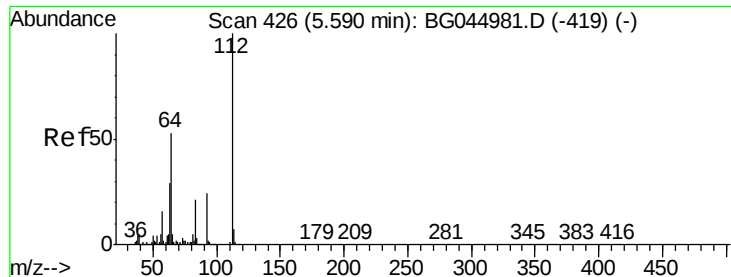


Abundance Ion 42.00 (41.70 to 42.70): BS9

Ion 74.00 (73.70 to 74.70): BS9

Ion 44.00 (43.70 to 44.70): BS9





#5

2-Fluorophenol

Concen: 148.237 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampled :

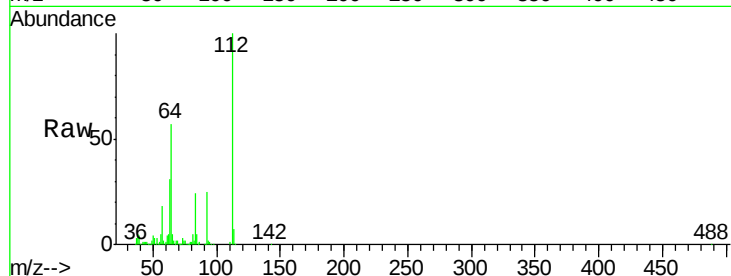
Tot Ion:112 Resp: 618639

Ion Ratio Lower Upper

112 100

64 57.0 42.4 63.6

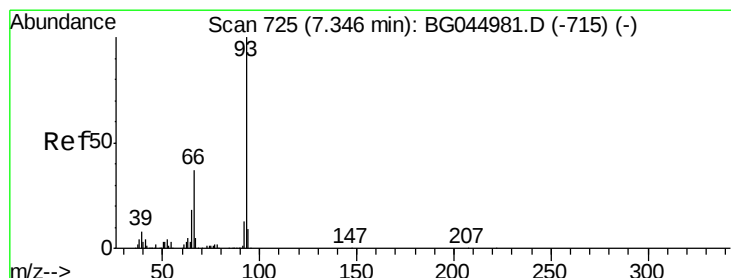
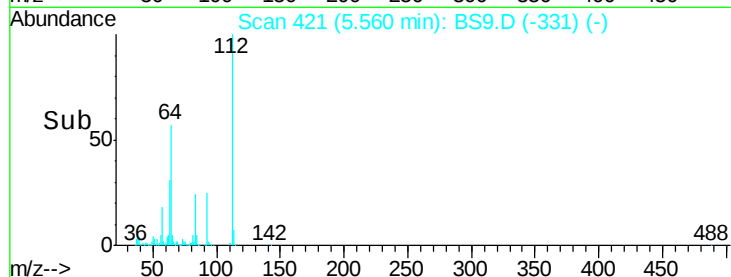
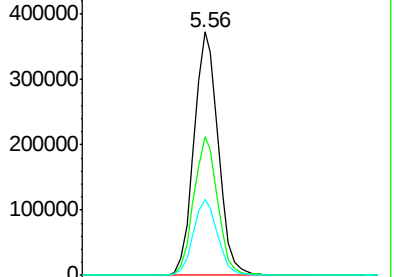
63 31.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BS9

Ion 63.00 (62.70 to 63.70): BS9



#6

Aniline

Concen: 36.346 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

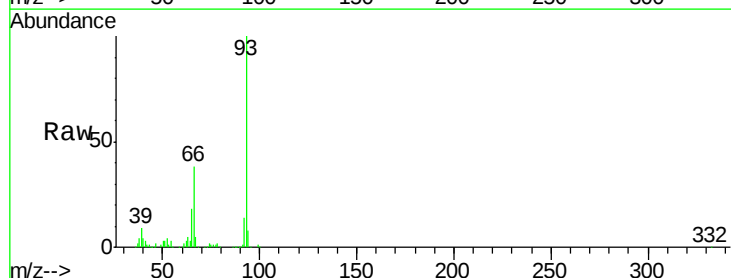
Tgt Ion: 93 Resp: 293019

Ion Ratio Lower Upper

93 100

66 37.6 29.8 44.8

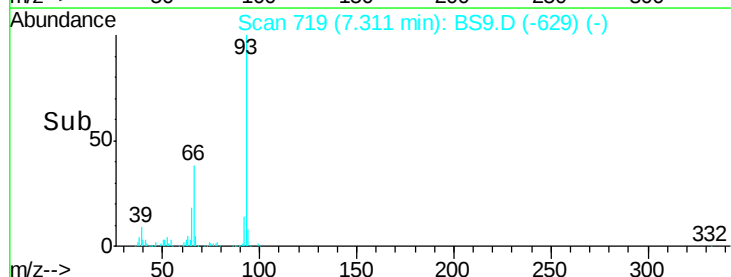
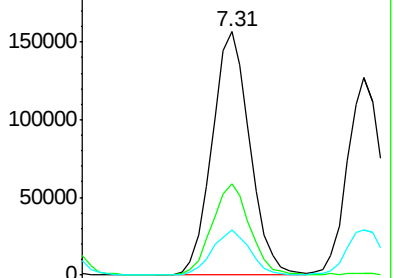
65 18.4 14.6 22.0

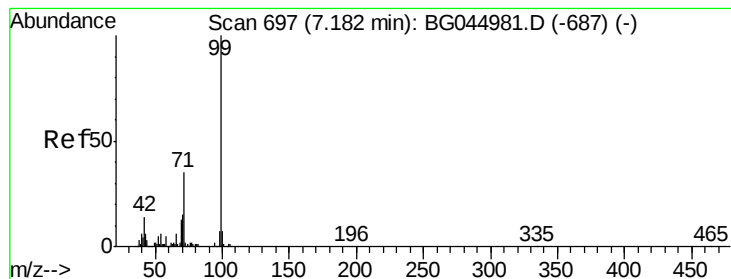


Abundance Ion 93.00 (92.70 to 93.70): BS9

Ion 66.00 (65.70 to 66.70): BS9

Ion 65.00 (64.70 to 65.70): BS9





#7

Phenol-d6

Concen: 137.809 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

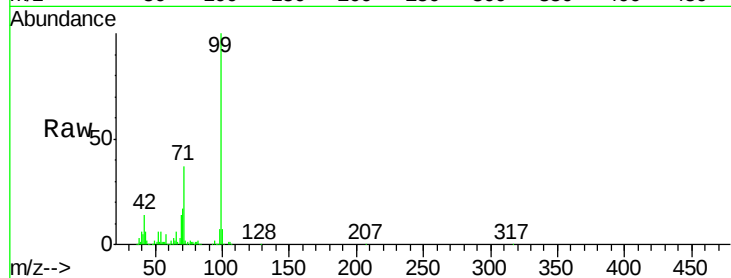
Tot Ion: 99 Resp: 854483

Ion Ratio Lower Upper

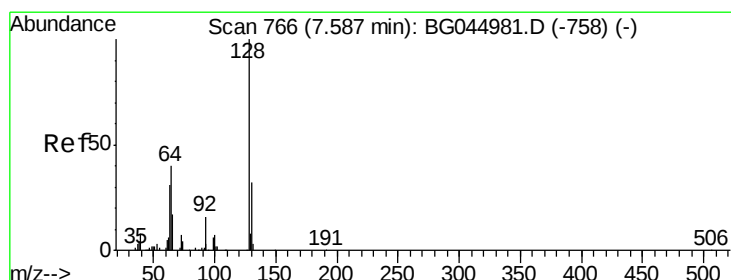
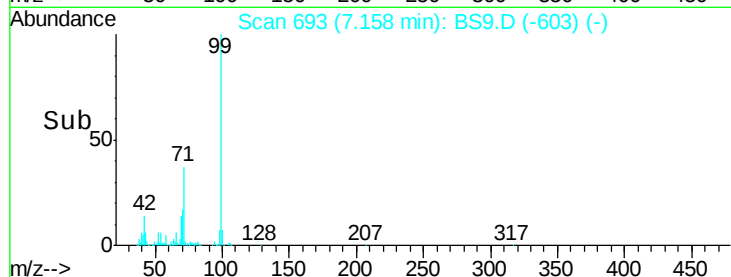
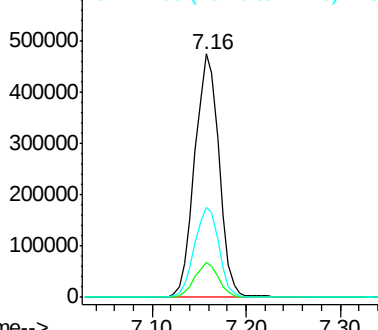
99 100

42 14.2 11.3 16.9

71 37.1 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BS9
Ion 42.00 (41.70 to 42.70): BS9
Ion 71.00 (70.70 to 71.70): BS9



#8

2-Chlorophenol

Concen: 51.718 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

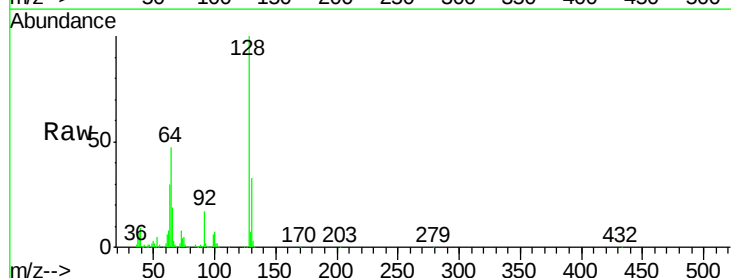
Tgt Ion: 128 Resp: 231962

Ion Ratio Lower Upper

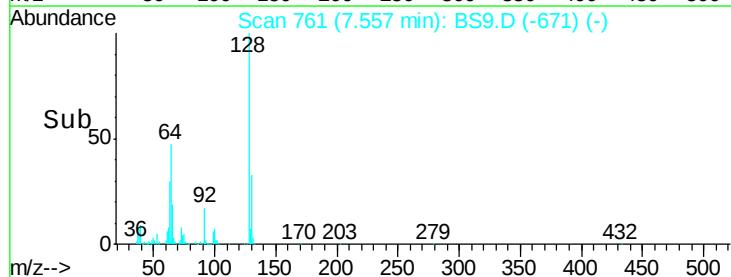
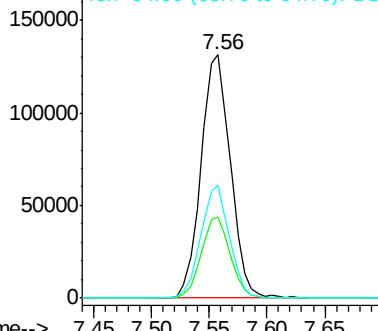
128 100

130 33.3 12.3 52.3

64 46.5 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): BS9
Ion 130.00 (129.70 to 130.70): BS9
Ion 64.00 (63.70 to 64.70): BS9





#9

Benzaldehyde

Concen: 58.564 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

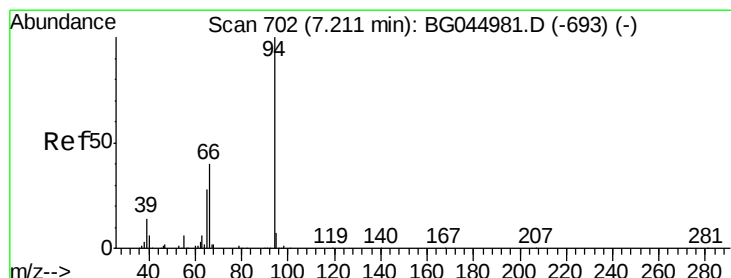
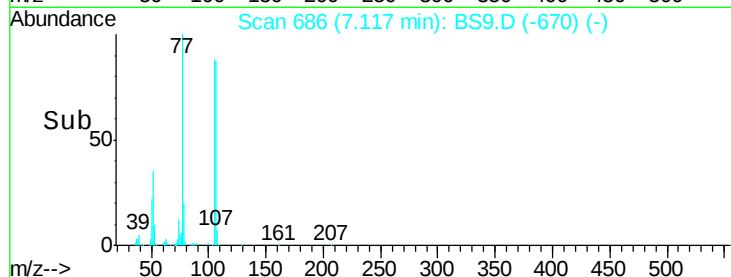
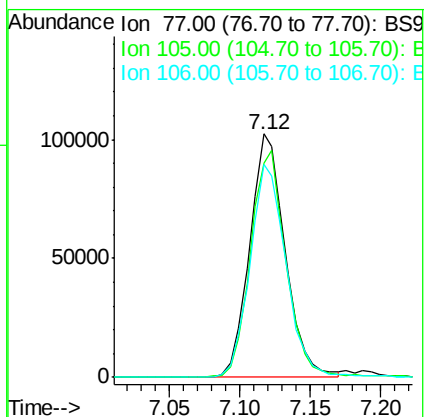
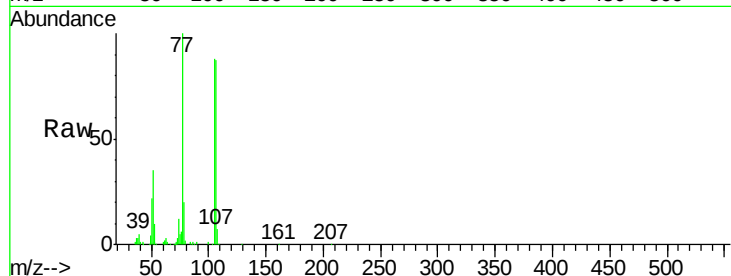
Tot Ion: 77 Resp: 181099

Ion Ratio Lower Upper

77 100

105 88.1 72.9 112.9

106 87.3 67.6 107.6



#10

Phenol

Concen: 49.854 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

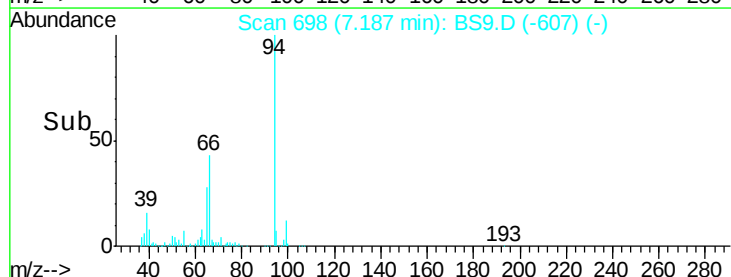
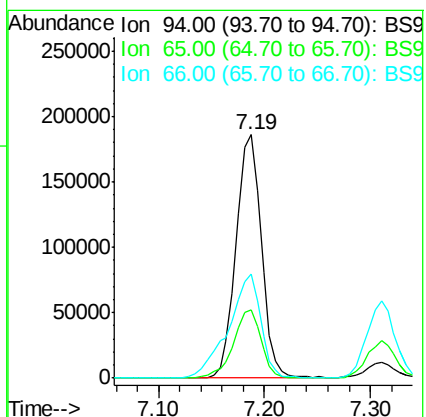
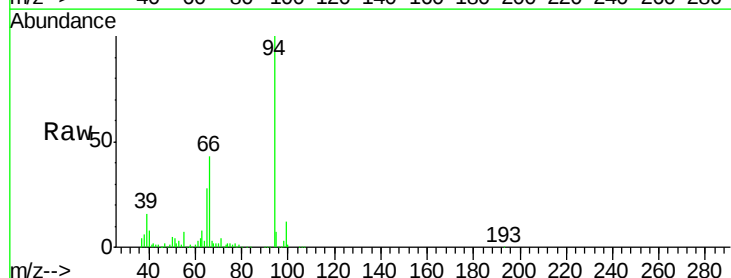
Tgt Ion: 94 Resp: 309332

Ion Ratio Lower Upper

94 100

65 27.8 8.2 48.2

66 43.0 20.4 60.4

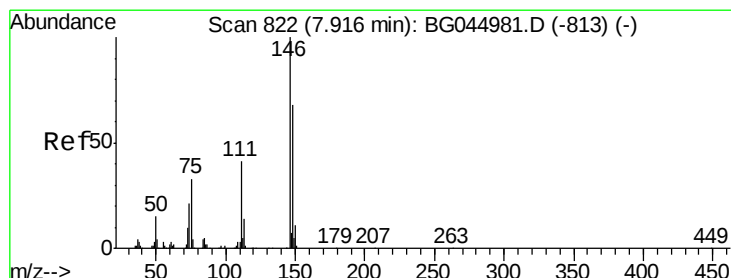
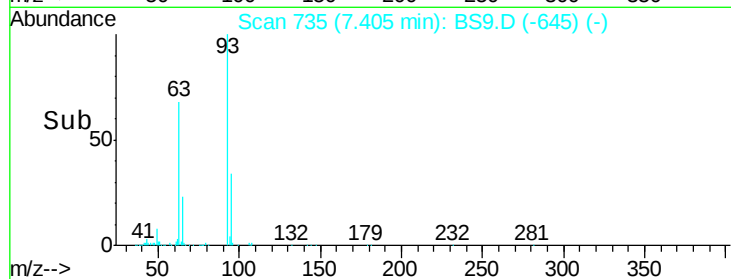
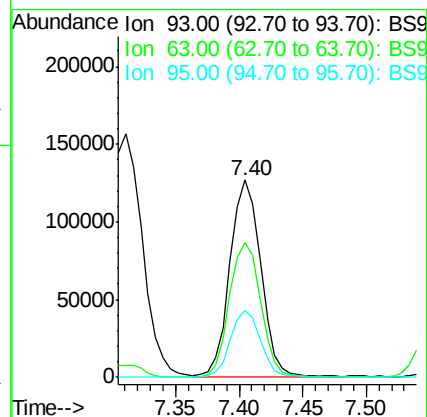
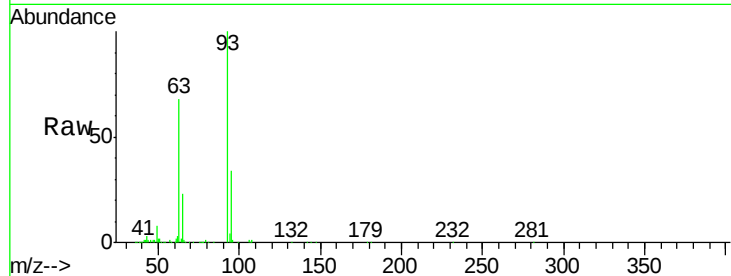




#11
 bis(2-Chloroethyl)ether
 Concen: 43.044 ng
 RT: 7.40 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

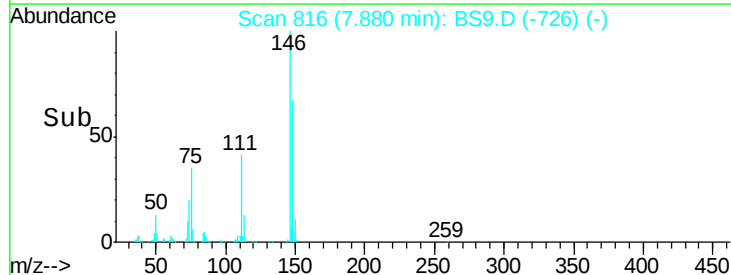
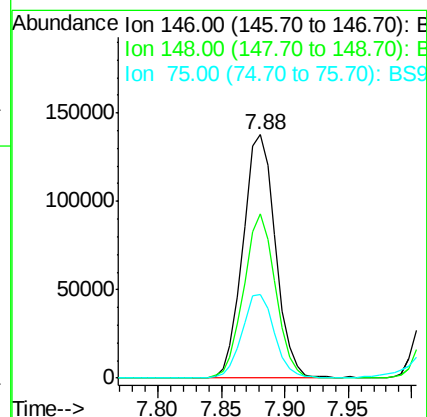
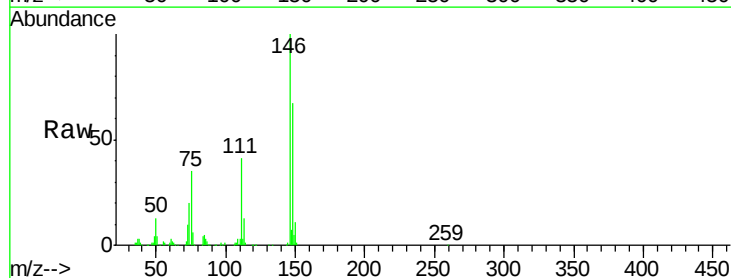
Instrument :
 BNA_G
 ClientSampleId :

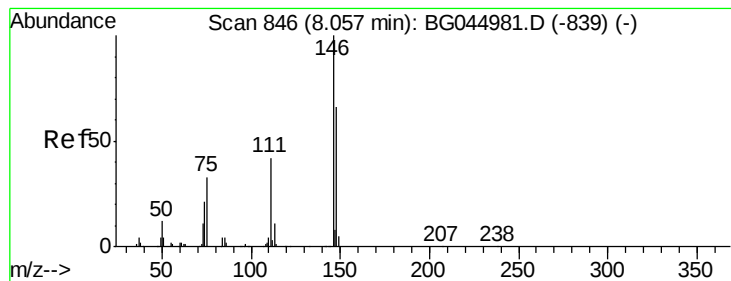
Tot Ion	93	Resp	212640
Ion Ratio	Lower	Upper	
93	100		
63	68.3	51.8	91.8
95	34.1	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 46.401 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	146	Resp	245240
Ion Ratio	Lower	Upper	
146	100		
148	67.2	54.6	81.8
75	34.6	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 46.297 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

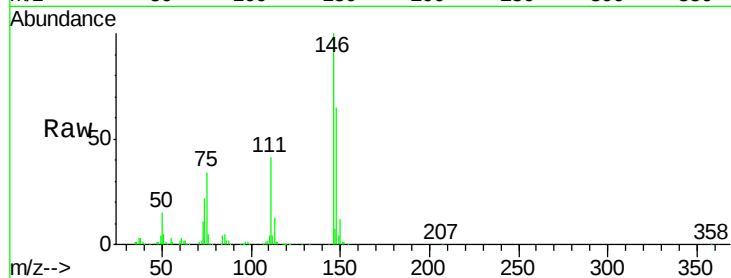
Tot Ion:146 Resp: 243817

Ion Ratio Lower Upper

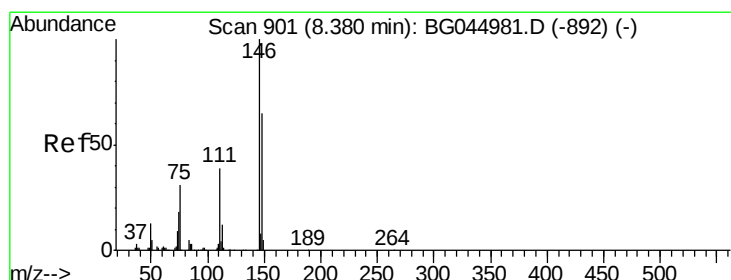
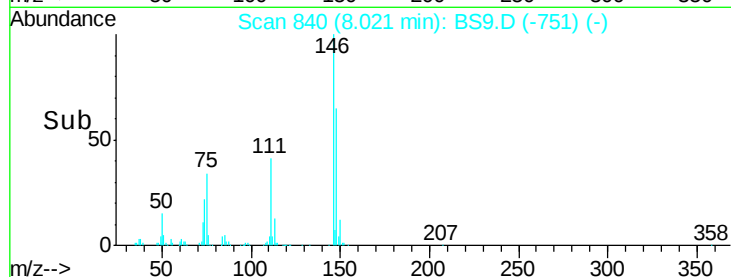
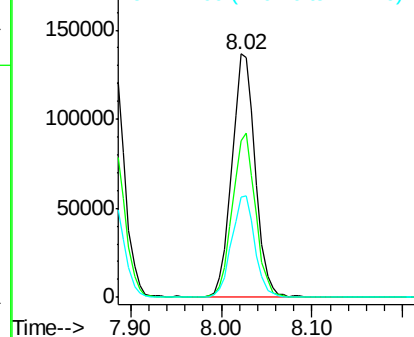
146 100

148 64.5 53.3 79.9

111 41.3 33.8 50.8



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: 46.078 ng

RT: 8.34 min Scan# 895

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

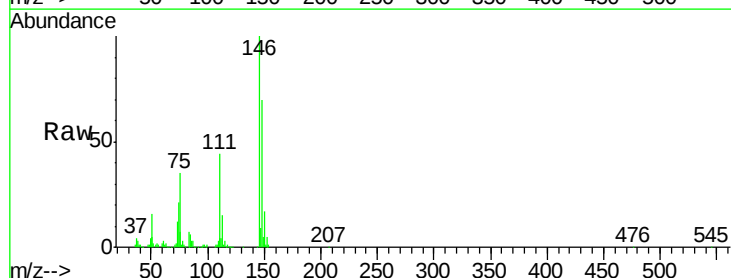
Tgt Ion:146 Resp: 232154

Ion Ratio Lower Upper

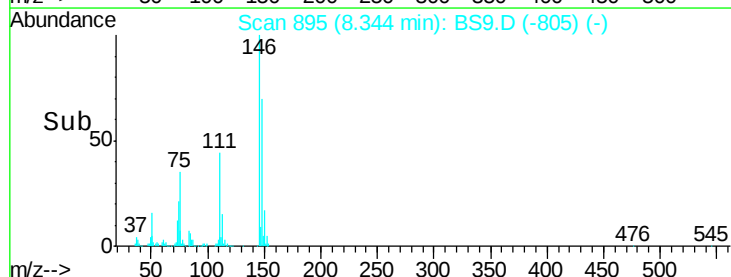
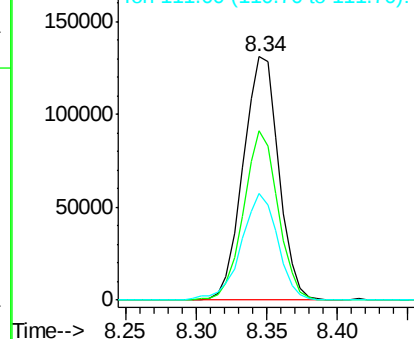
146 100

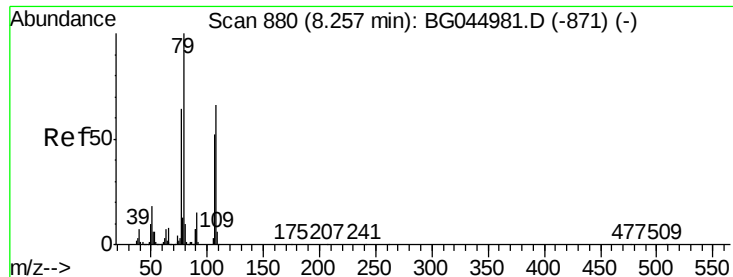
148 69.6 51.9 77.9

111 44.1 31.3 46.9



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





#15

Benzyl Alcohol

Concen: 44.807 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

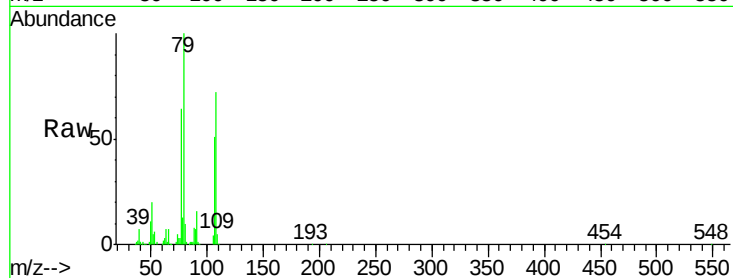
Tot Ion: 79 Resp: 232932

Ion Ratio Lower Upper

79 100

108 71.9 52.7 79.1

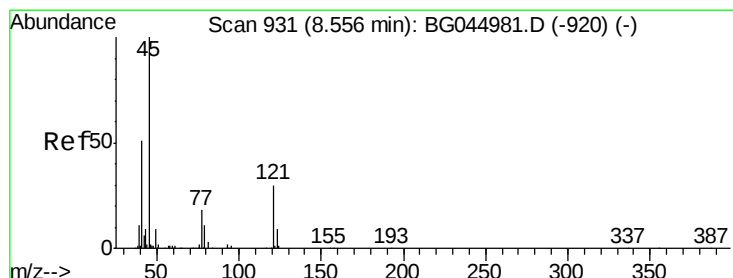
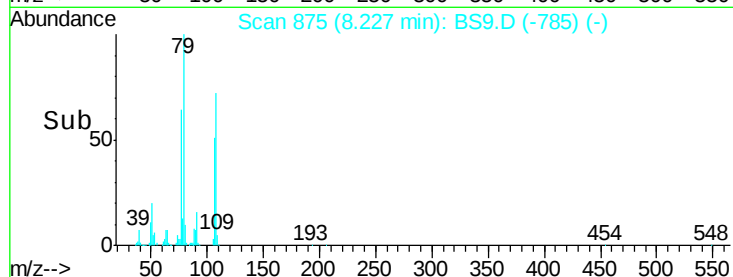
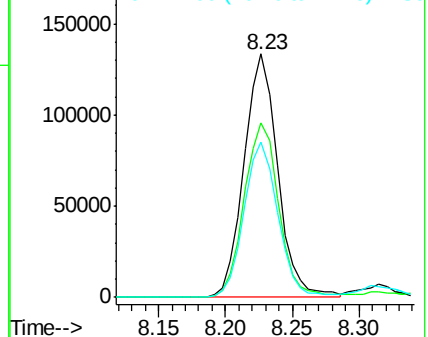
77 64.0 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BS9

Ion 108.00 (107.70 to 108.70): BS9

Ion 77.00 (76.70 to 77.70): BS9



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.440 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

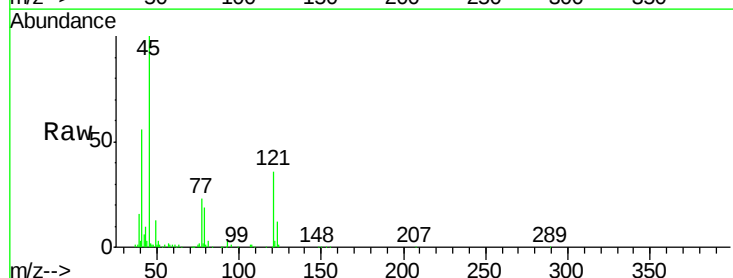
Tgt Ion: 45 Resp: 191255

Ion Ratio Lower Upper

45 100

77 23.3 1.9 41.9

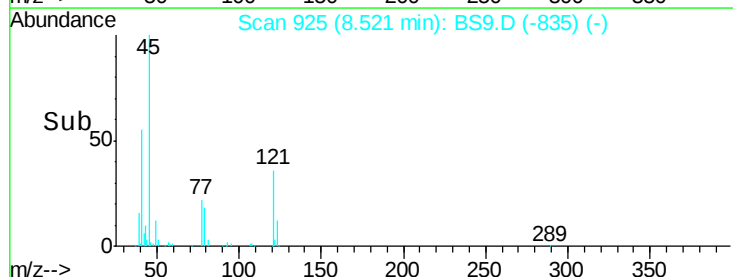
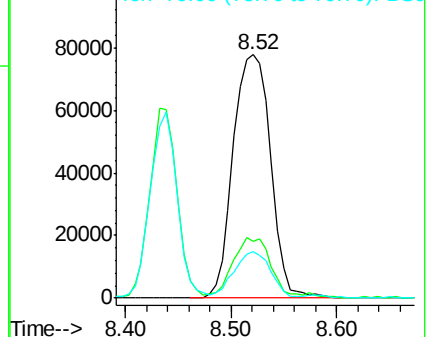
79 19.3 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BS9

Ion 77.00 (76.70 to 77.70): BS9

Ion 79.00 (78.70 to 79.70): BS9





#17

2-Methylphenol

Concen: 43.885 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 210090

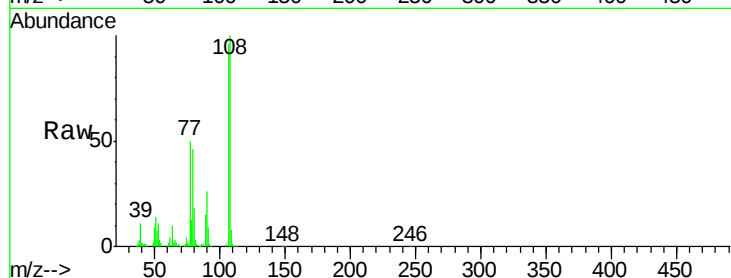
Ion Ratio Lower Upper

107 100

108 104.2 93.8 140.6

77 52.4 38.5 57.7

79 47.5 40.1 60.1

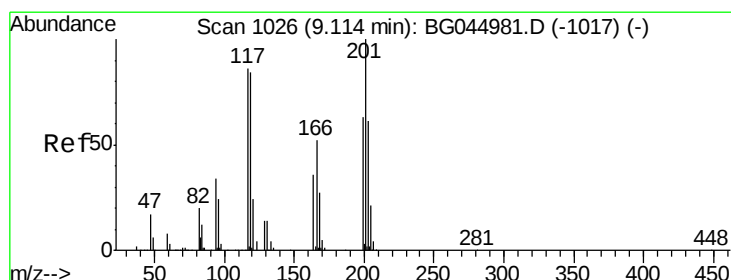
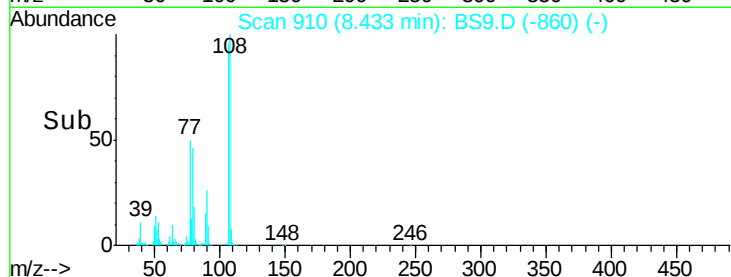
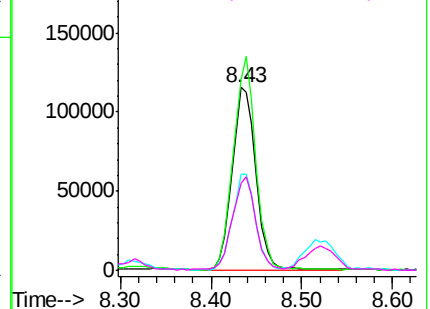


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BS9

Ion 79.00 (78.70 to 79.70): BS9



#18

Hexachloroethane

Concen: 47.185 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

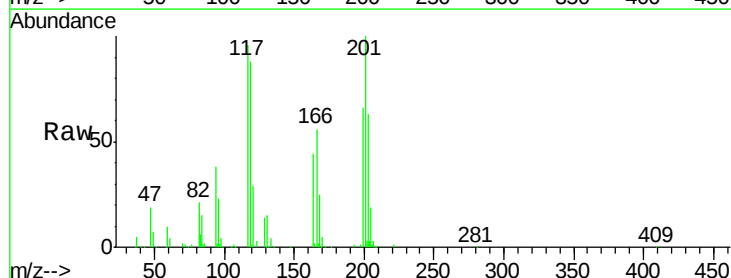
Tgt Ion:117 Resp: 93417

Ion Ratio Lower Upper

117 100

119 92.1 78.3 117.5

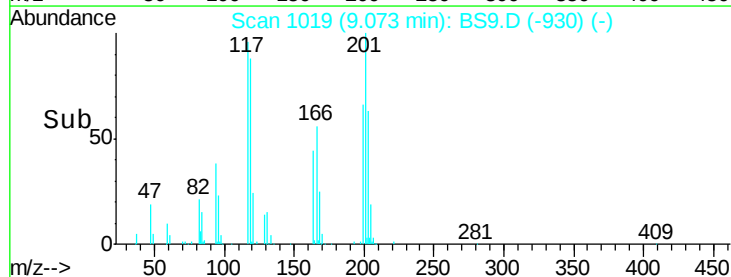
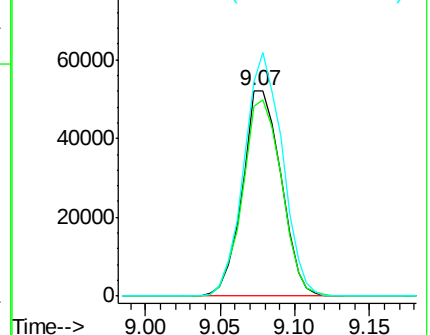
201 104.2 92.9 139.3

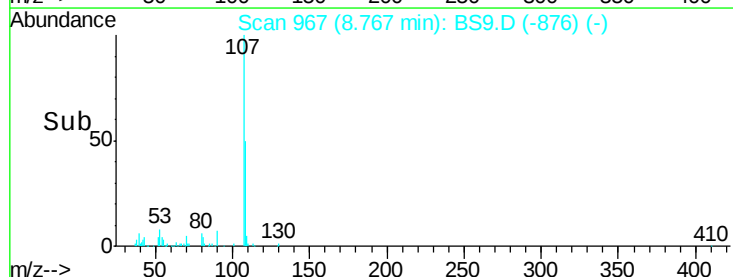
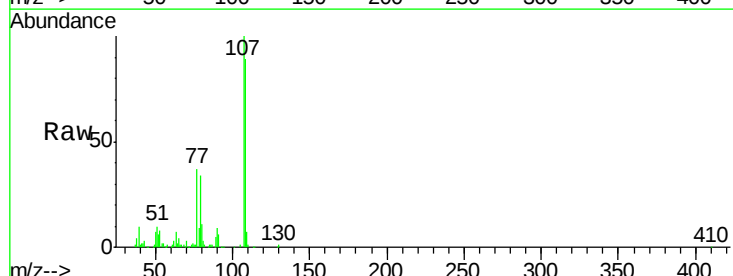
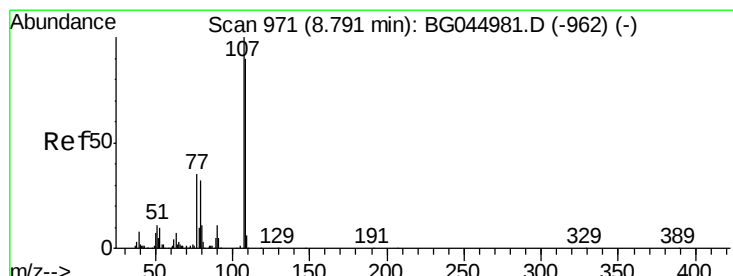
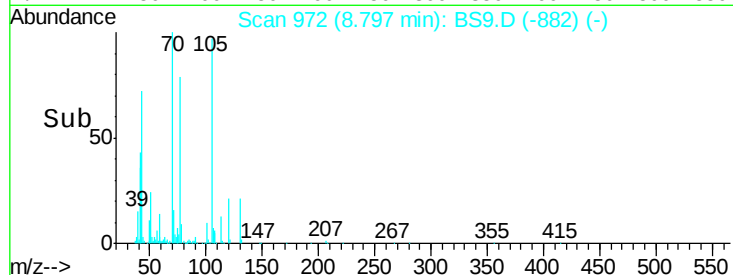
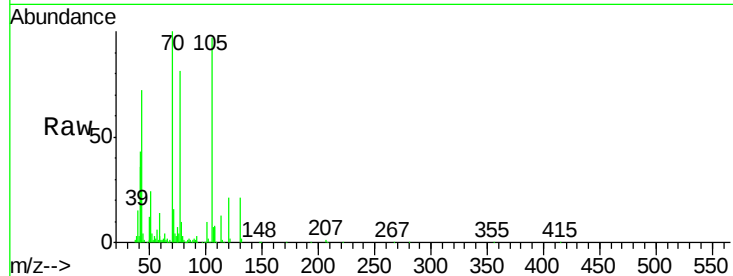
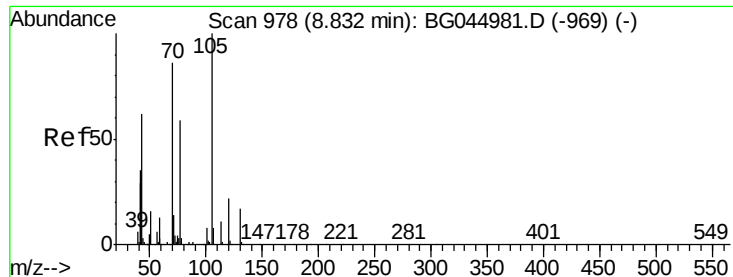


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

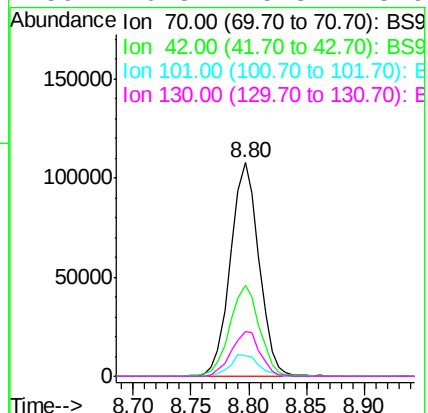




#19
n-Nitroso-di-n-propylamine
Concen: 42.163 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

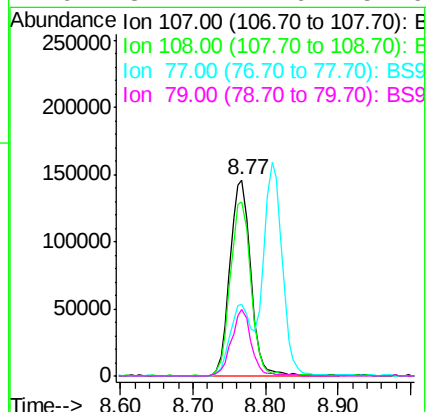
Instrument :
BNA_G
ClientSampleId :

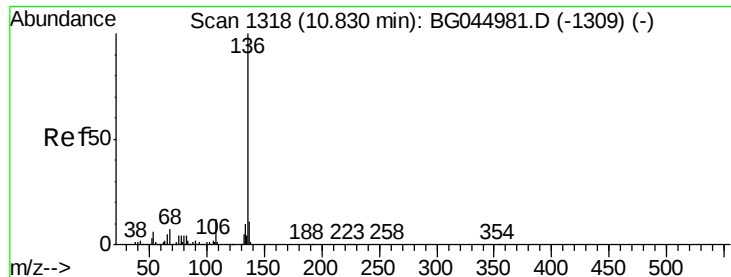
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	9.8	7.8	11.8
130	20.8	15.8	23.6



#20
3+4-Methylphenols
Concen: 43.629 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.9	109.9
77	36.8	15.2	55.2
79	34.2	11.6	51.6

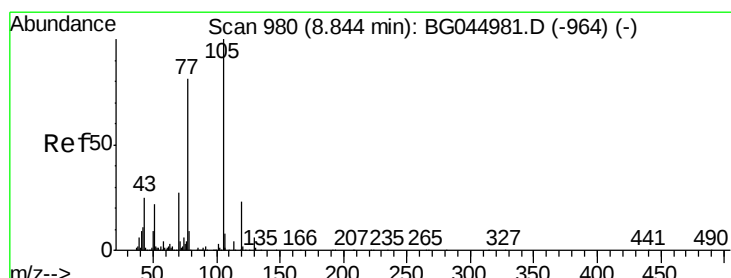
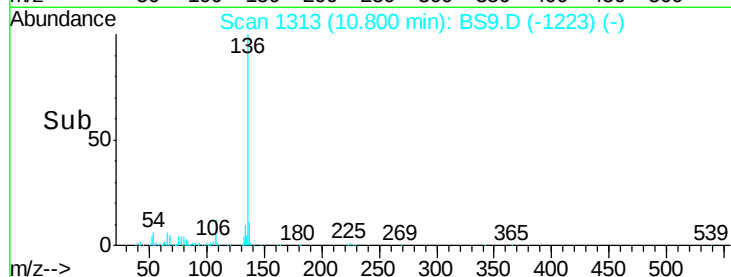
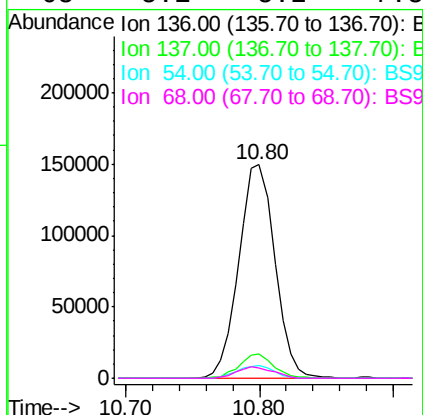
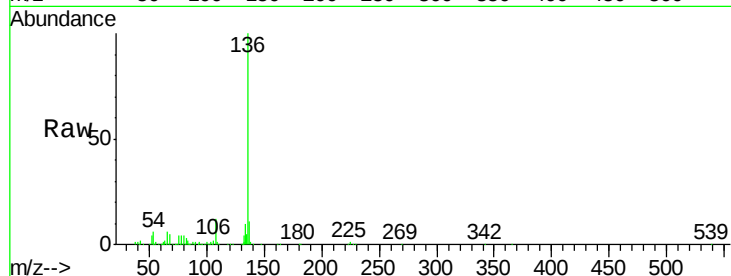




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

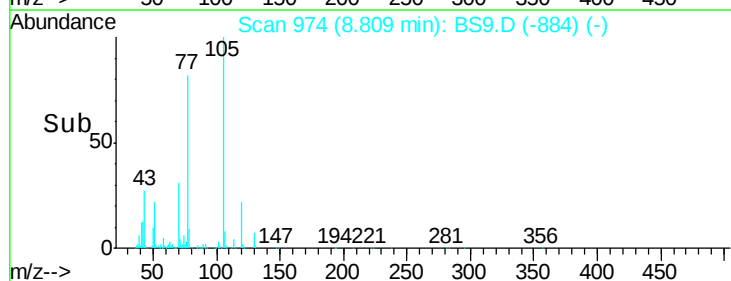
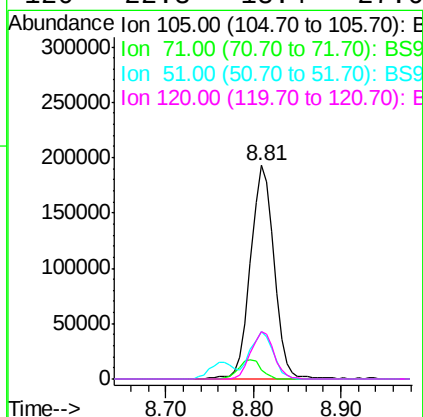
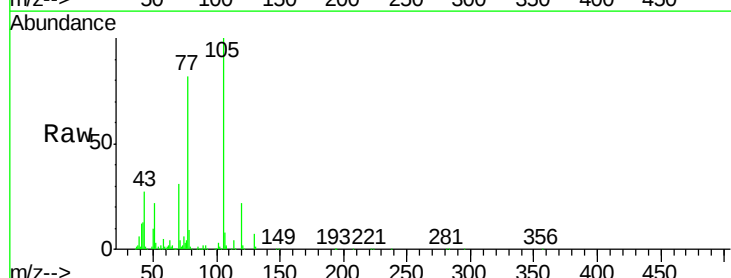
Instrument :
BNA_G
ClientSampleId :

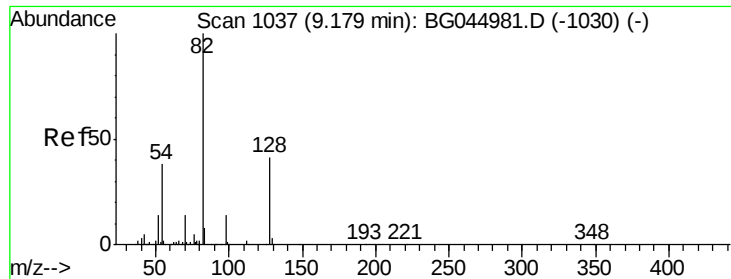
Tot Ion:136	Resp:	280372
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.6 13.0
54	6.2	4.8 7.2
68	5.1	5.2 7.8#



#22
Acetophenone
Concen: 46.381 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:105	Resp:	351660
Ion Ratio	Lower	Upper
105	100	
71	4.5	3.3 4.9
51	22.2	17.3 25.9
120	22.3	18.4 27.6

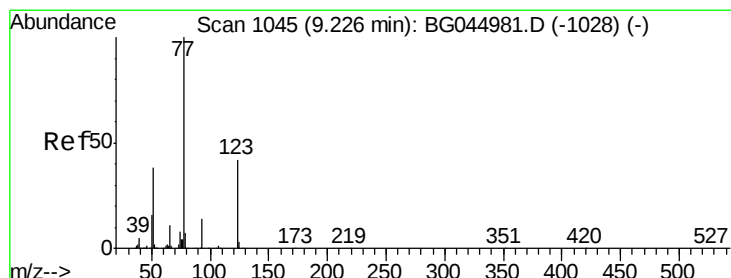
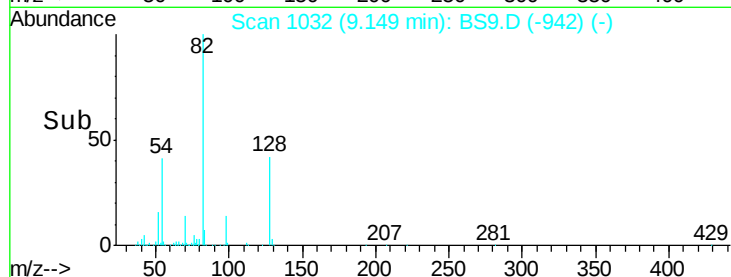
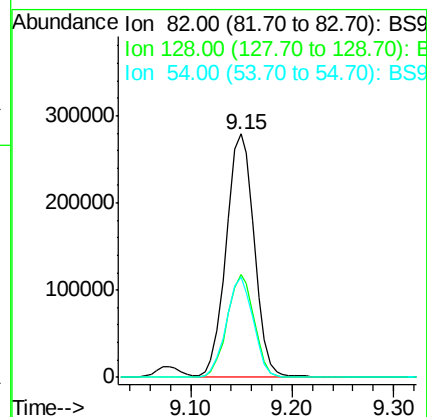
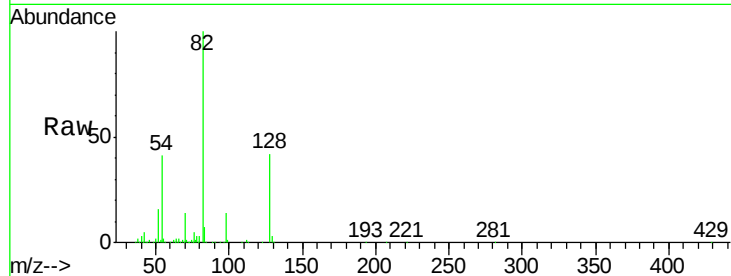




#23
 Nitrobenzene-d5
 Concen: 86.726 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

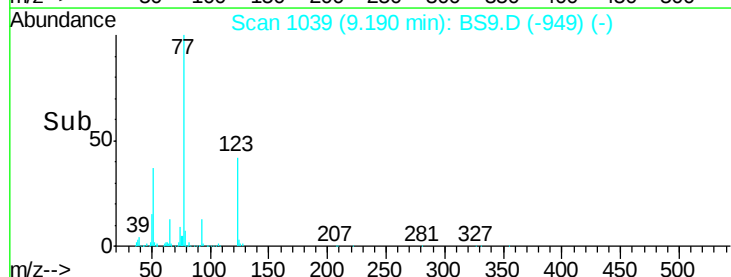
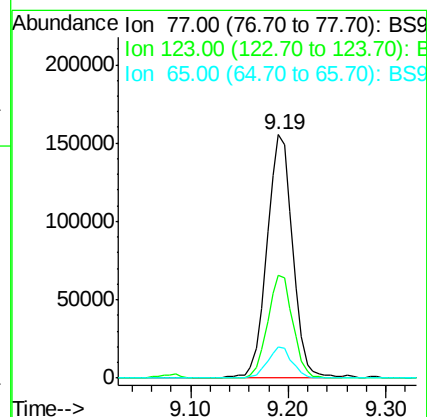
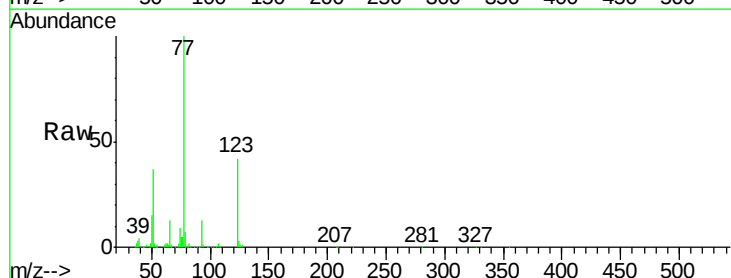
Instrument :
 BNA_G
 ClientSampleId :

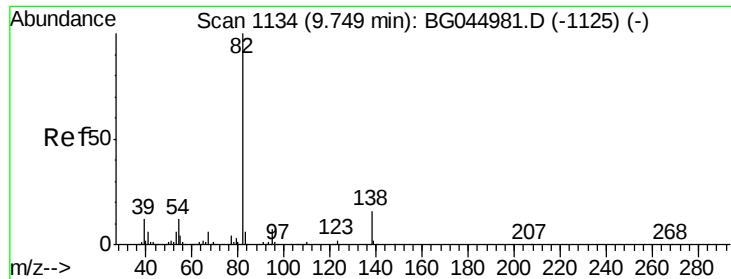
Tot Ion	82	Resp	532899
Ion Ratio	Lower	Upper	
82	100		
128	42.5	33.0	49.4
54	41.3	30.4	45.6



#24
 Nitrobenzene
 Concen: 45.271 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	77	Resp	285142
Ion Ratio	Lower	Upper	
77	100		
123	42.0	34.3	51.5
65	12.7	8.9	13.3





#25

Isophorone

Concen: 42.818 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

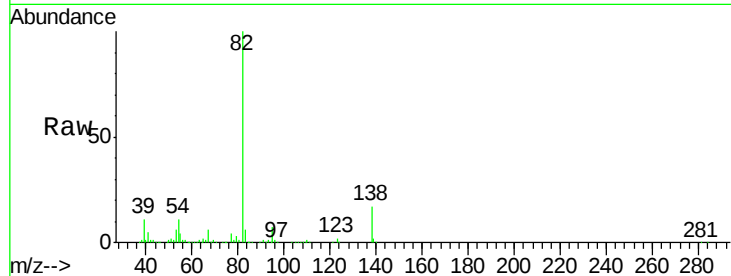
Tot Ion: 82 Resp: 538796

Ion Ratio Lower Upper

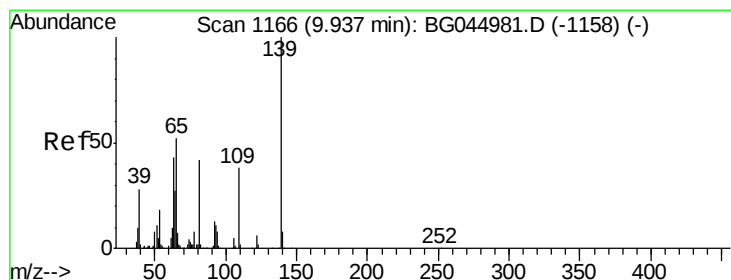
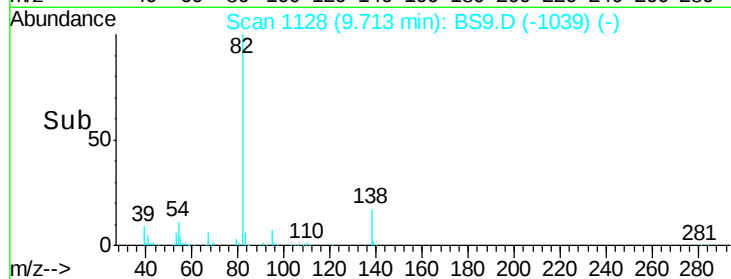
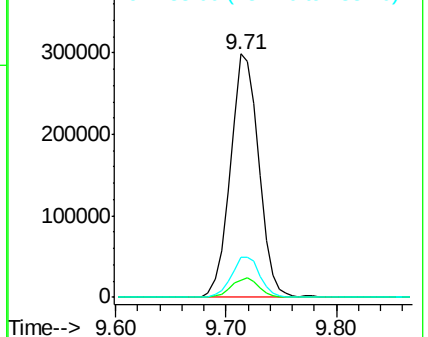
82 100

95 7.1 6.0 9.0

138 16.6 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BS9
Ion 95.00 (94.70 to 95.70): BS9
Ion 138.00 (137.70 to 138.70): BS9



#26

2-Nitrophenol

Concen: 48.397 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

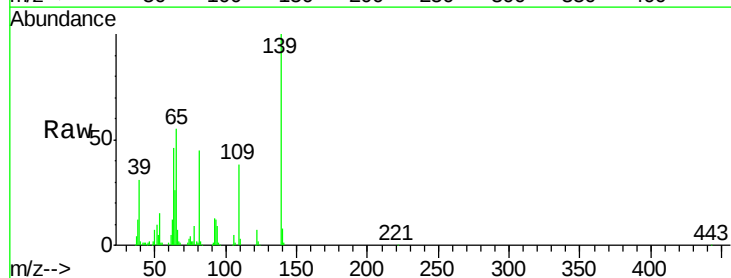
Tgt Ion: 139 Resp: 131304

Ion Ratio Lower Upper

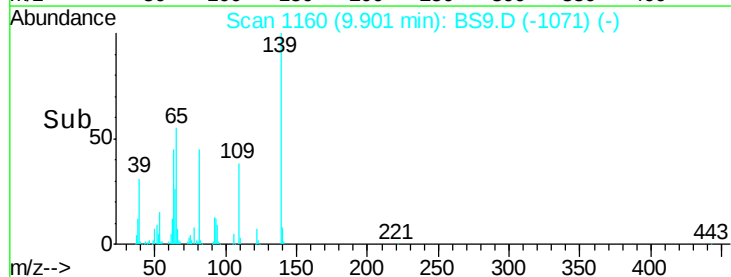
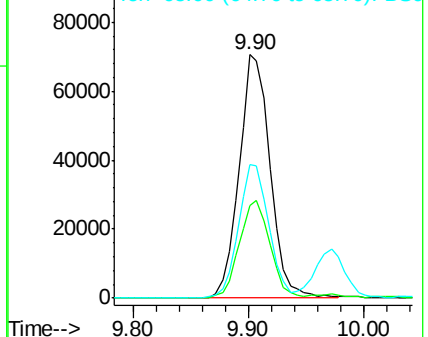
139 100

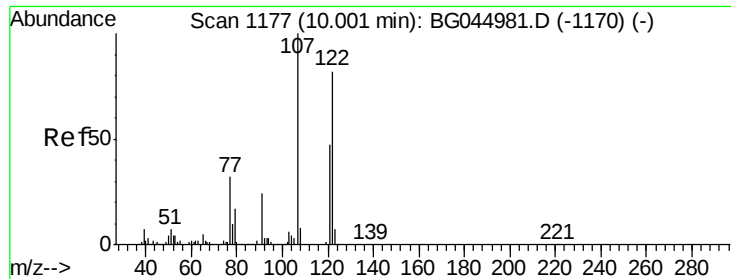
109 38.1 30.6 45.8

65 55.1 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): BS9
Ion 109.00 (108.70 to 109.70): BS9
Ion 65.00 (64.70 to 65.70): BS9

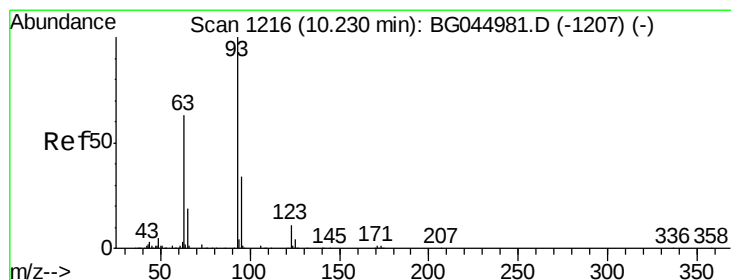
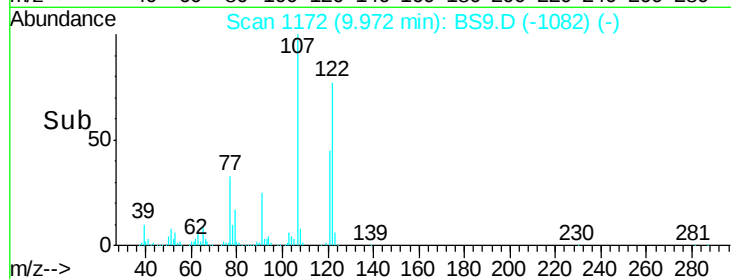
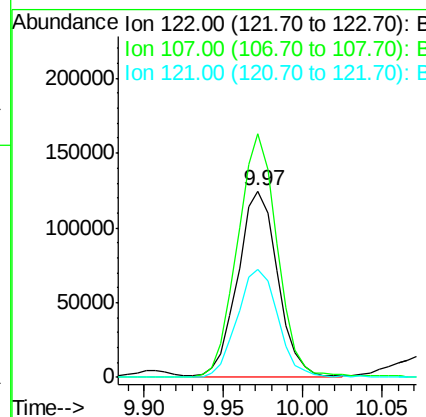
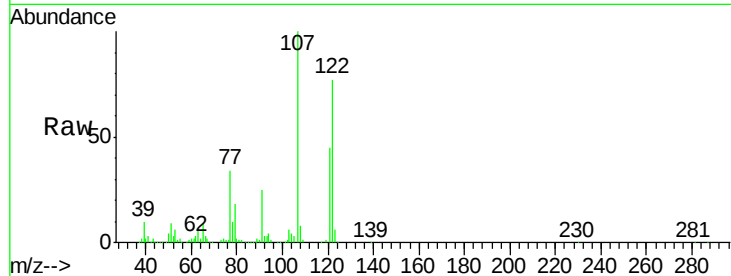




#27
 2,4-Dimethylphenol
 Concen: 50.442 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

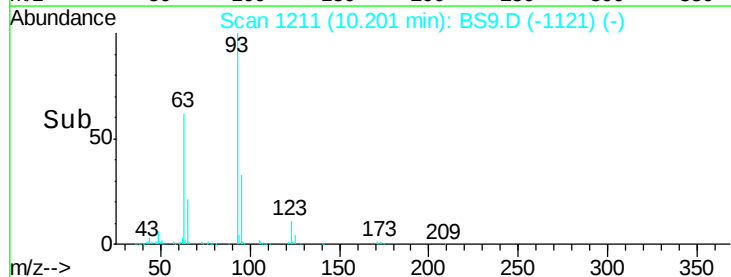
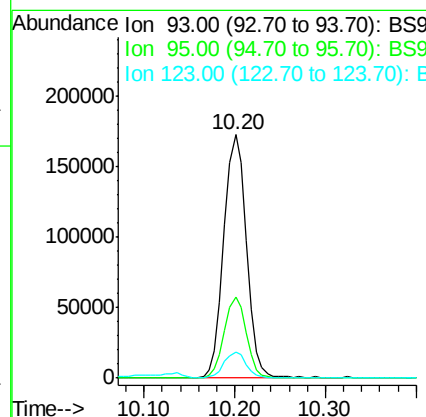
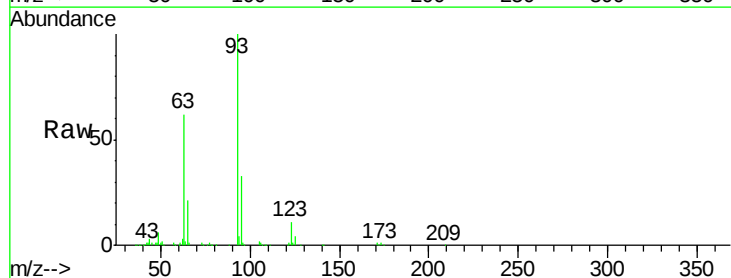
Instrument :
 BNA_G
 ClientSampleId :

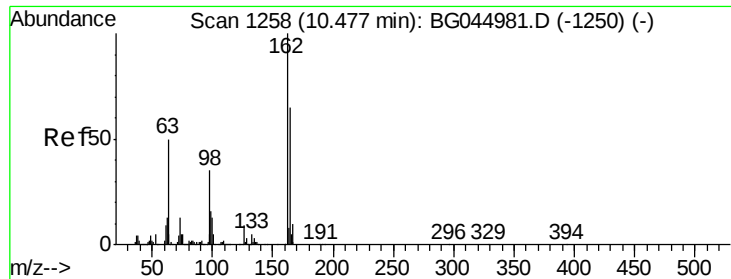
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.7	96.8	145.2
121	58.2	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.453 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.0	40.4
123	10.5	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 49.549 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

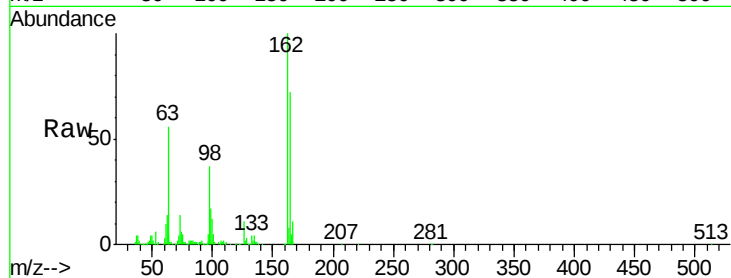
Tot Ion:162 Resp: 246293

Ion Ratio Lower Upper

162 100

164 71.9 45.0 85.0

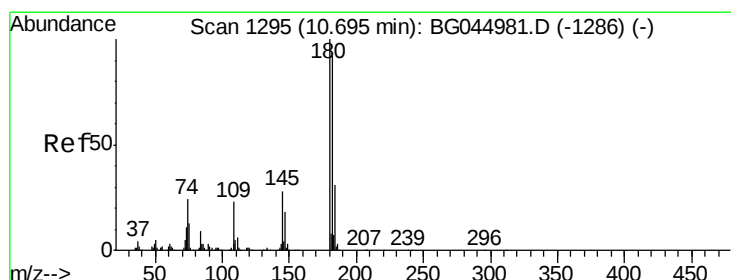
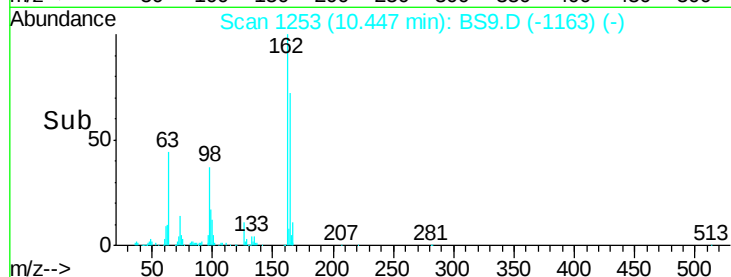
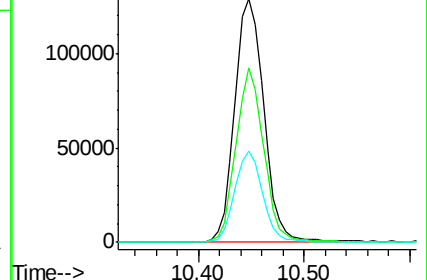
98 37.5 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BS9



#30

1,2,4-Trichlorobenzene

Concen: 47.016 ng

RT: 10.66 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

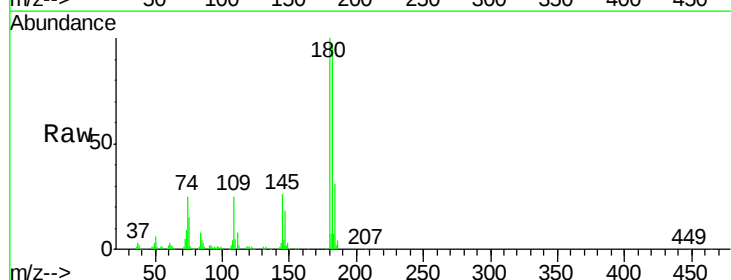
Tgt Ion:180 Resp: 264601

Ion Ratio Lower Upper

180 100

182 96.8 73.3 109.9

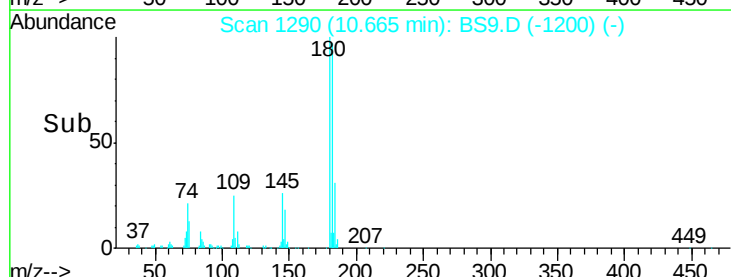
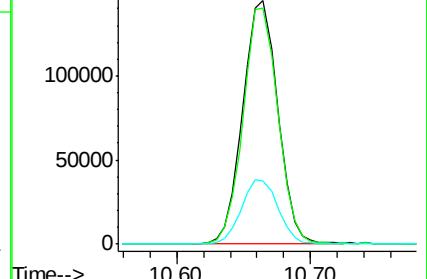
145 25.9 22.6 33.8

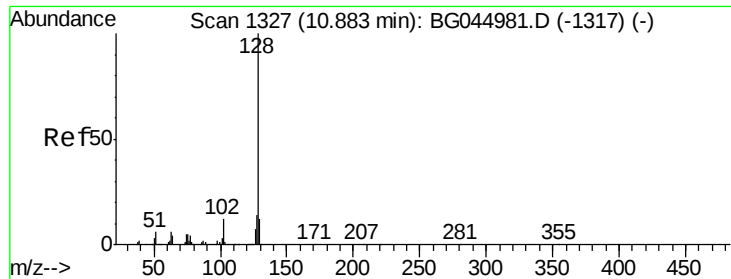


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

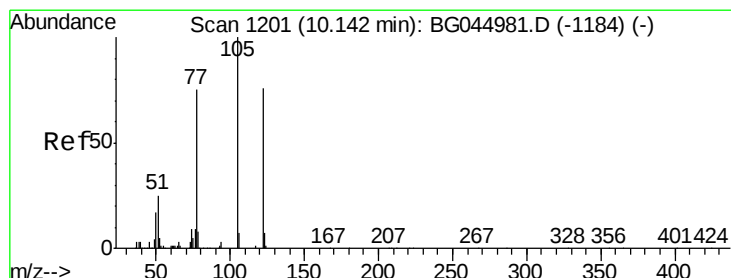
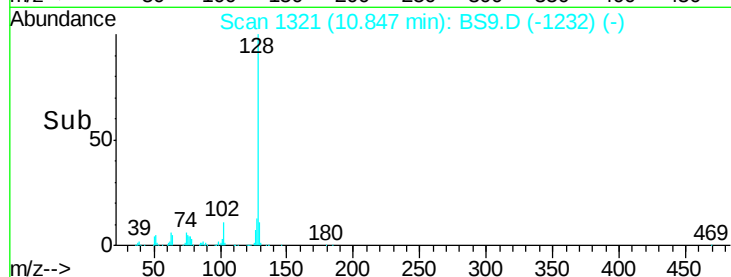
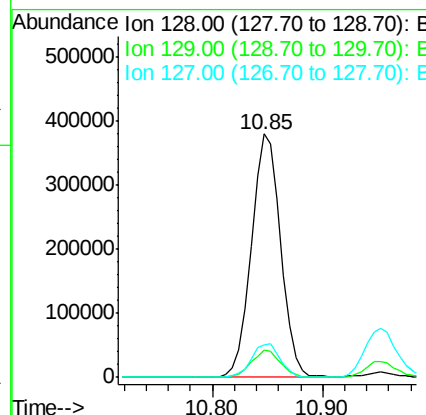
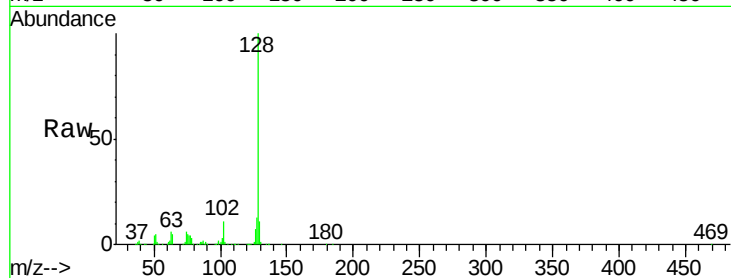




#31
Naphthalene
Concen: 46.066 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

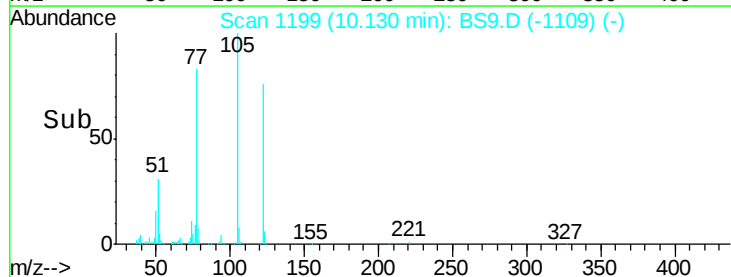
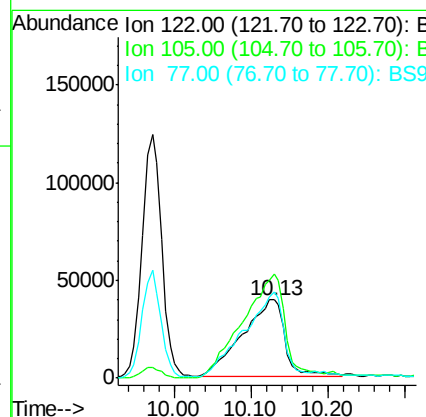
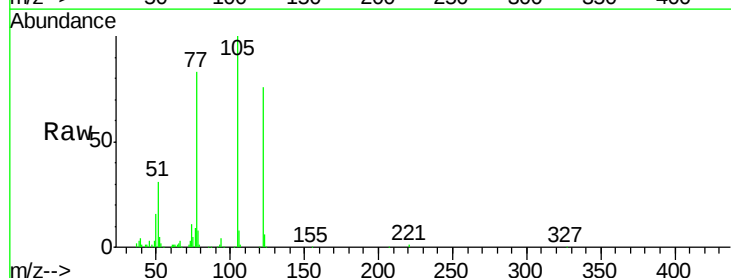
Instrument :
BNA_G
ClientSampleId :

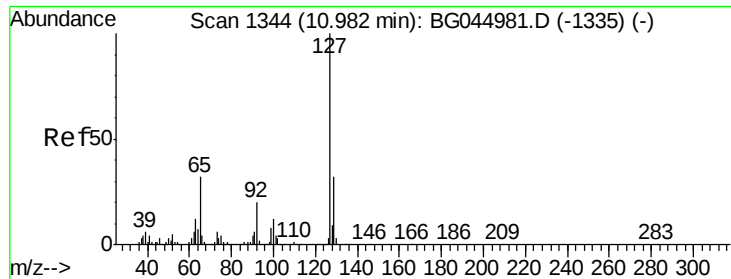
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.1	10.8	16.2



#32
Benzoic acid
Concen: 44.608 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	108.4	148.4
77	110.1	78.8	118.8

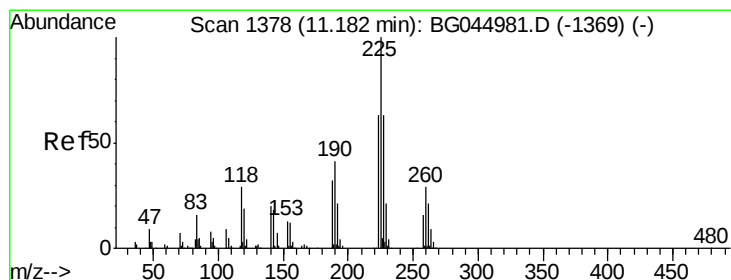
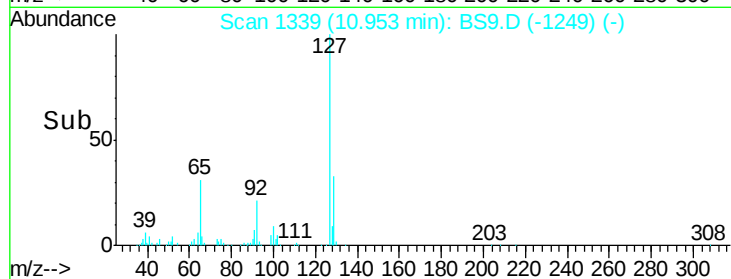
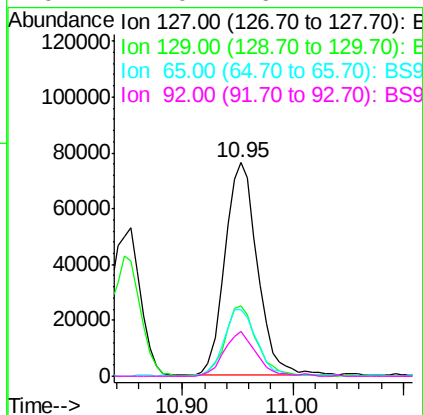
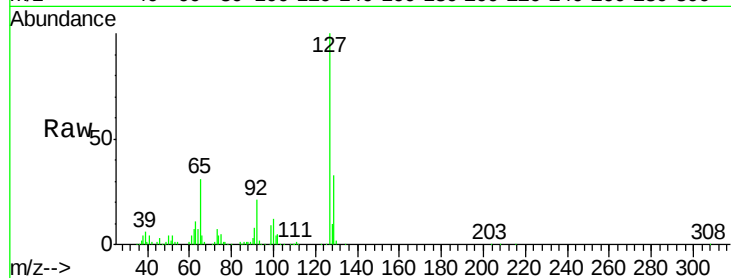




#33
4-Chloroaniline
Concen: 22.060 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

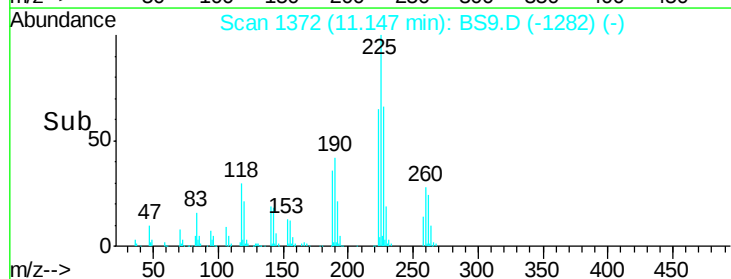
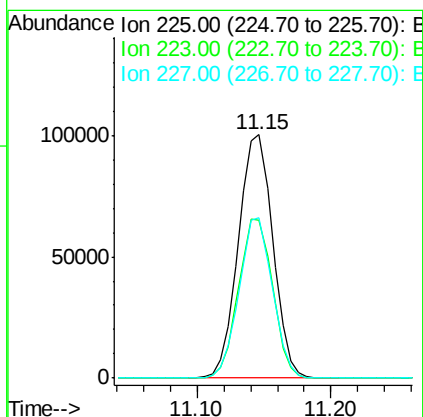
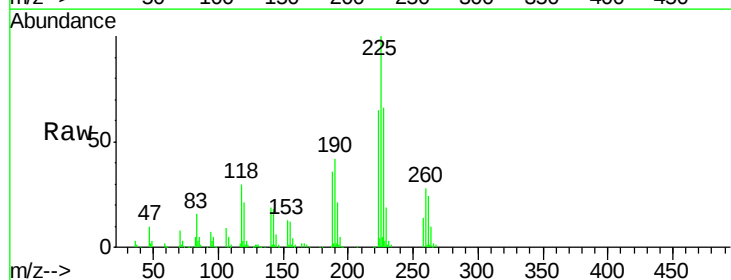
Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	157797
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.7	38.5
65	31.2	25.4	38.2
92	21.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.424 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:	225	Resp:	179130
Ion Ratio	Lower	Upper	
225	100		
223	65.0	50.7	76.1
227	65.8	50.2	75.2

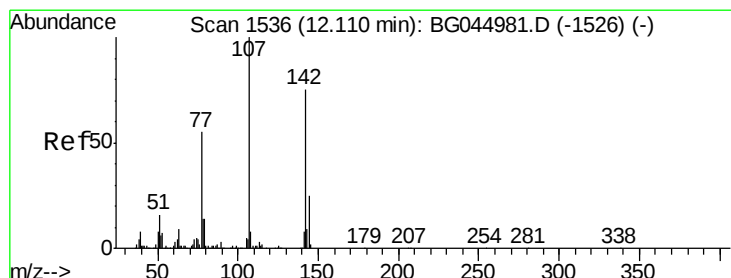
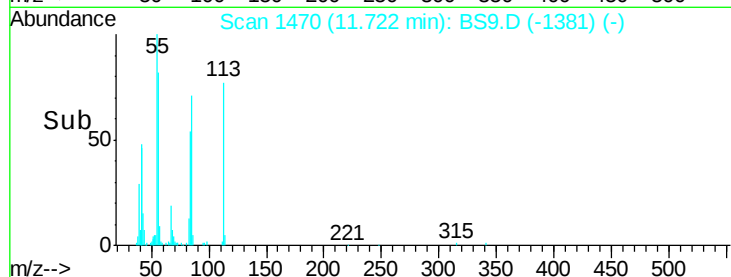
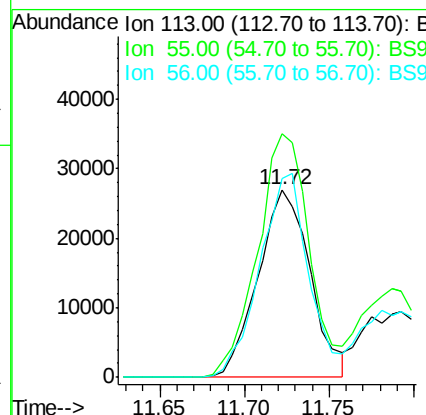
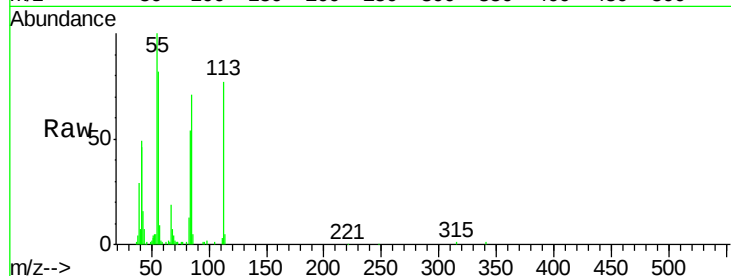




#35
Caprolactam
Concen: 29.305 ng
RT: 11.72 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

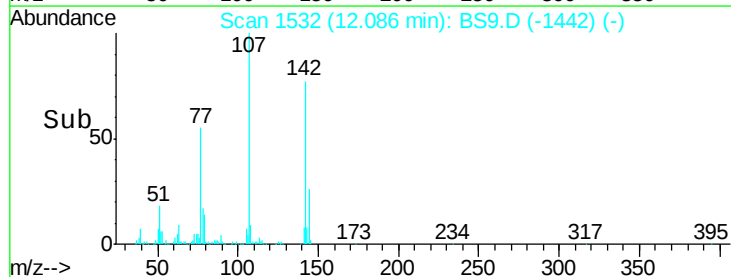
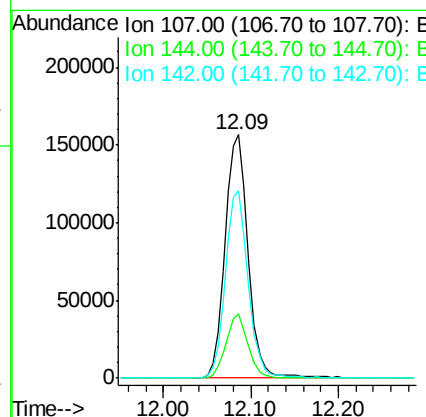
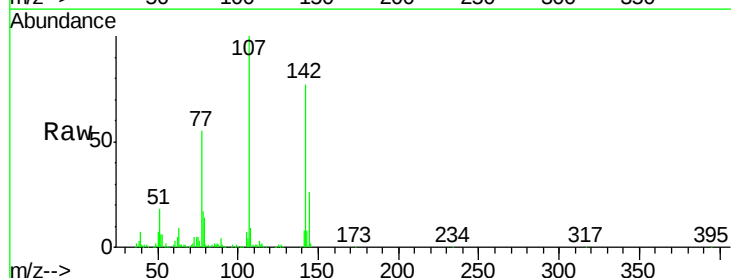
Instrument :
BNA_G
ClientSampleId :

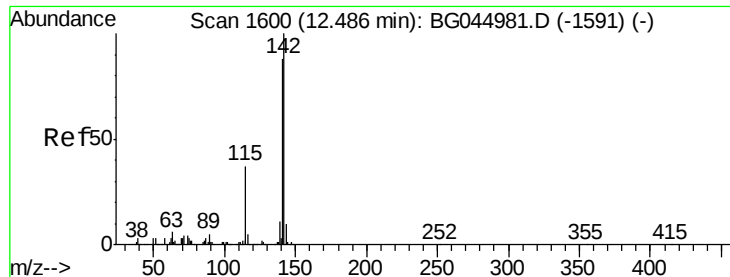
Tot Ion:113 Resp: 57974
Ion Ratio Lower Upper
113 100
55 129.7 118.8 158.8
56 106.2 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 48.840 ng
RT: 12.09 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:107 Resp: 285193
Ion Ratio Lower Upper
107 100
144 26.2 19.8 29.6
142 77.2 59.7 89.5

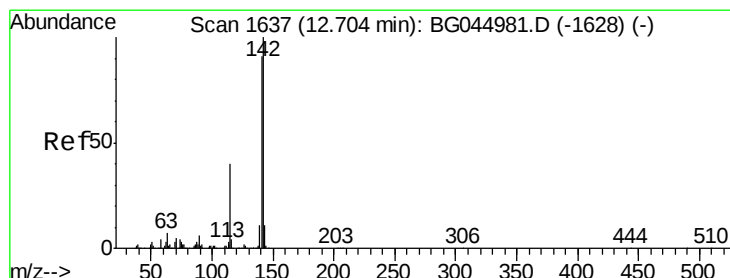
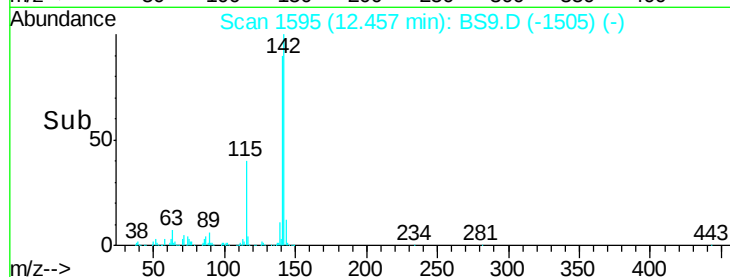
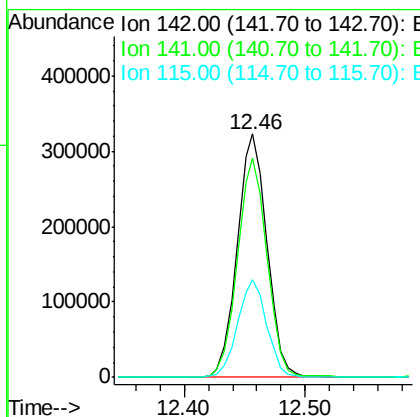
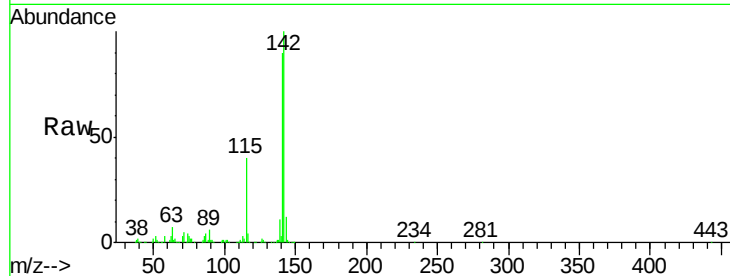




#37
 2-Methylnaphthalene
 Concen: 46.565 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

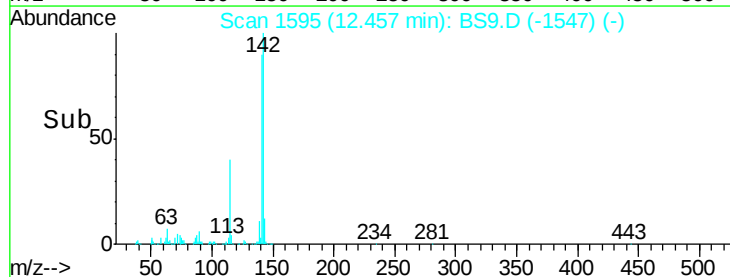
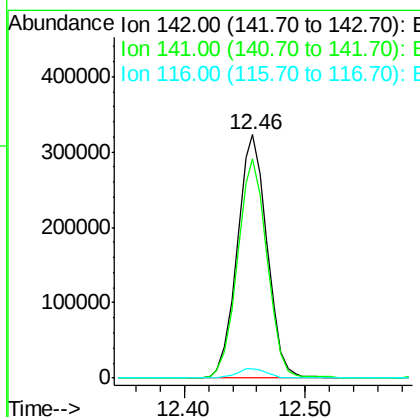
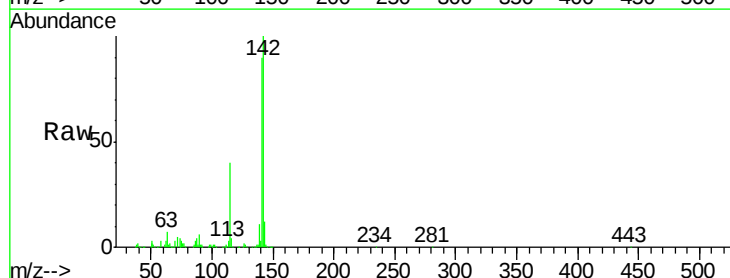
Instrument :
 BNA_G
 ClientSampleId :

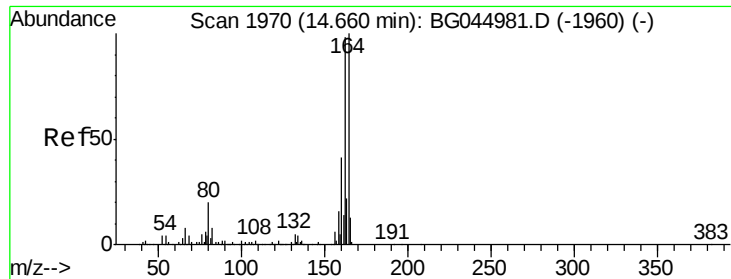
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	40.0	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 49.325 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.22 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

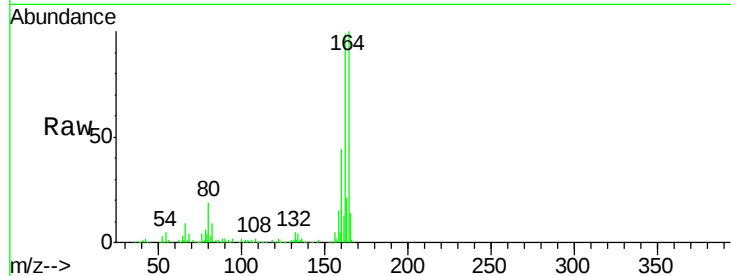
Tot Ion:164 Resp: 207476

Ion Ratio Lower Upper

164 100

162 98.9 78.7 118.1

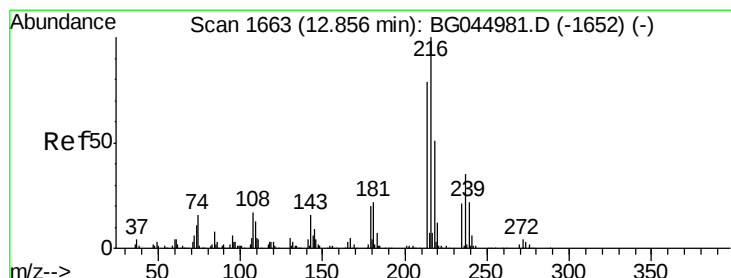
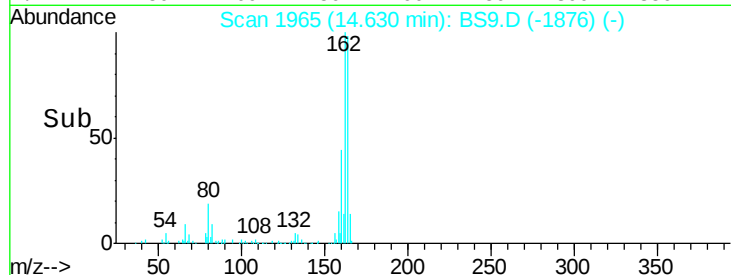
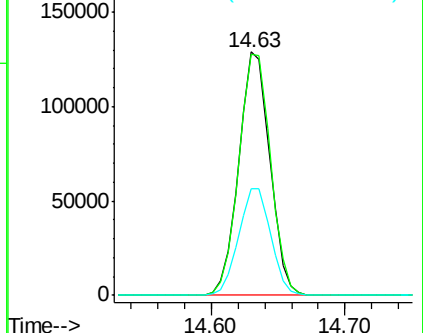
160 43.8 32.8 49.2



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: 47.180 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Tgt Ion:216 Resp: 315171

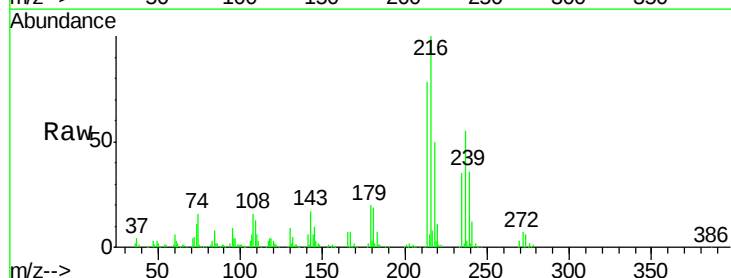
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.2 15.8 23.8

108 18.3 14.2 21.2

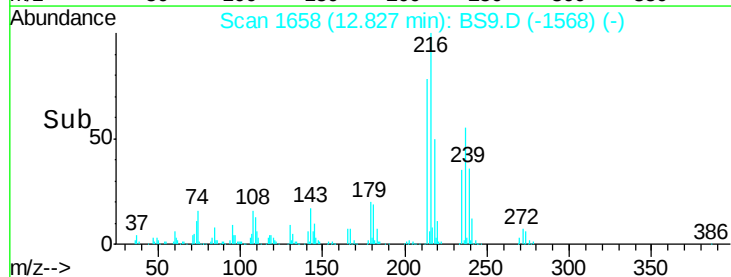
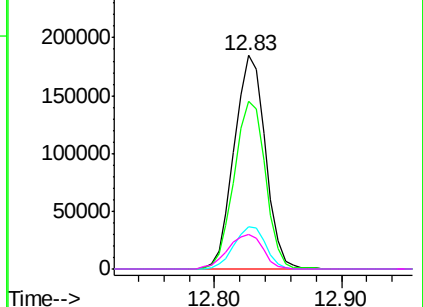


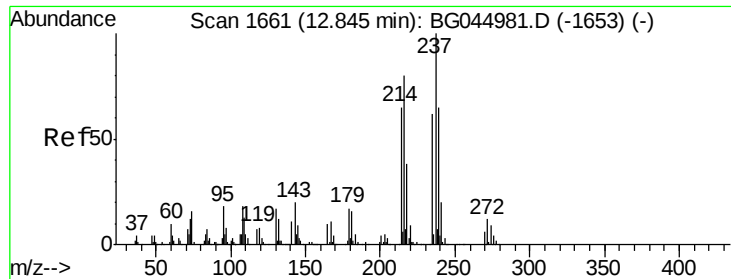
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

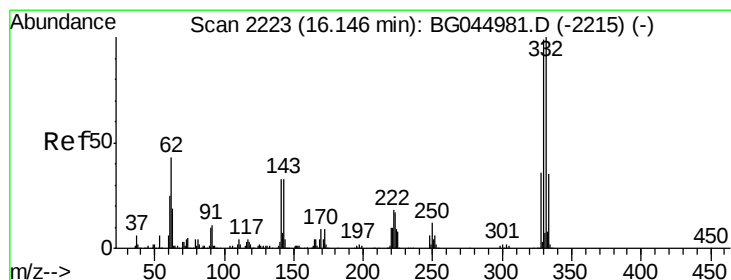
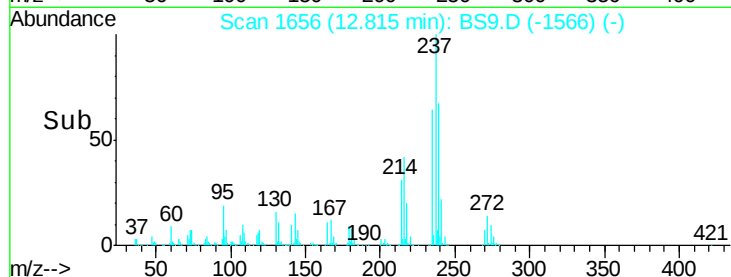
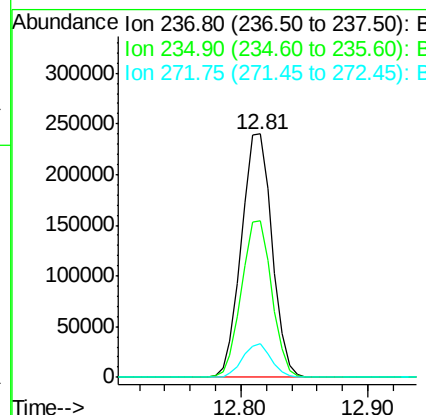
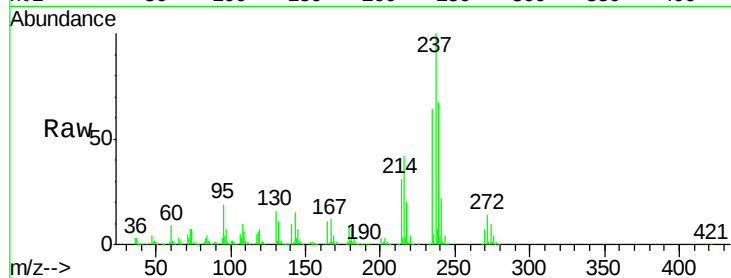




#41
Hexachlorocyclopentadiene
Concen: 96.243 ng
RT: 12.81 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

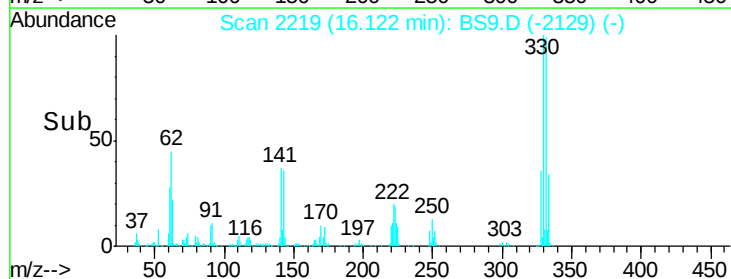
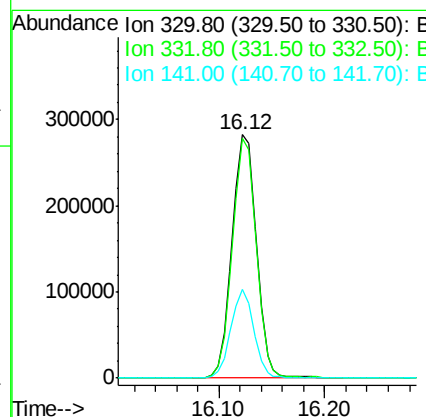
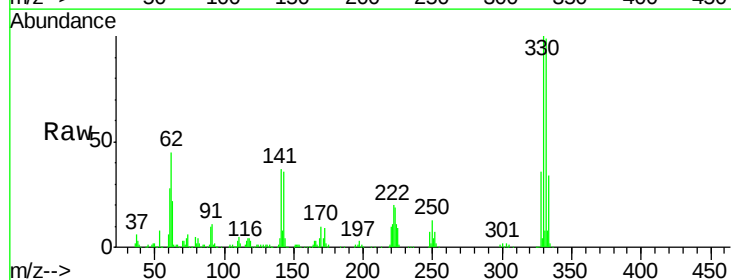
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.6	81.6
272	13.8	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 140.345 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.5	27.1	40.7

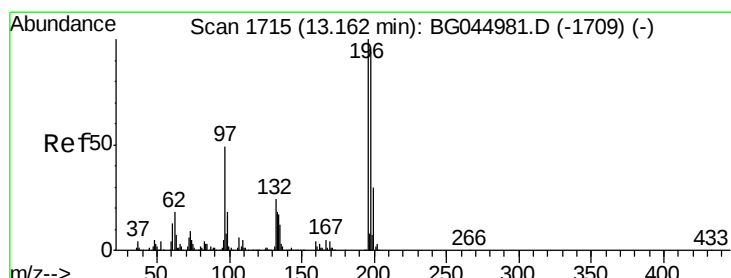
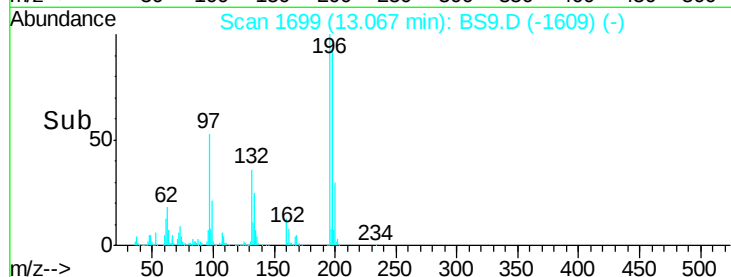
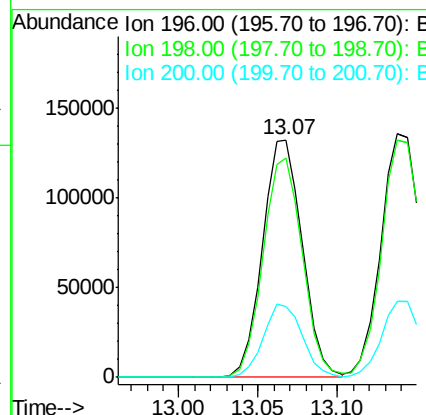
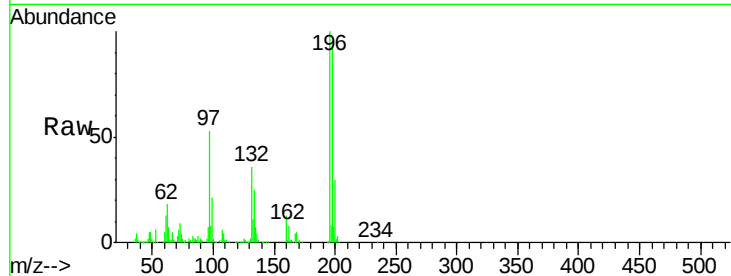




#43
 2,4,6-Trichlorophenol
 Concen: 48.911 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

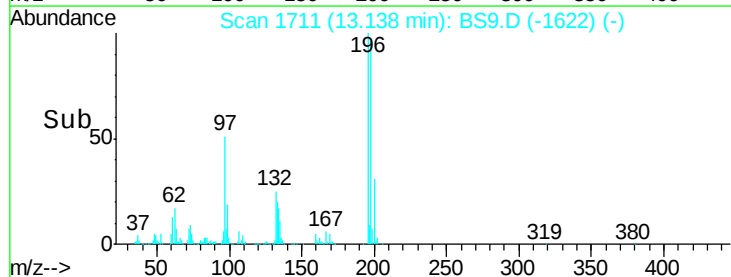
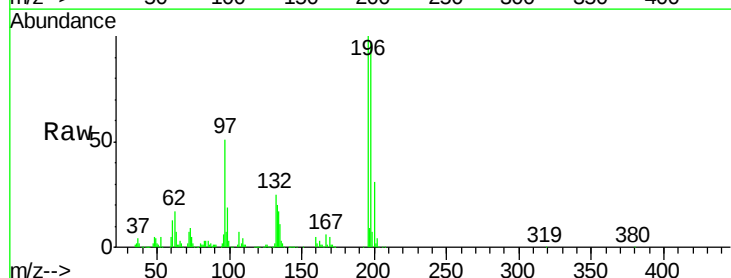
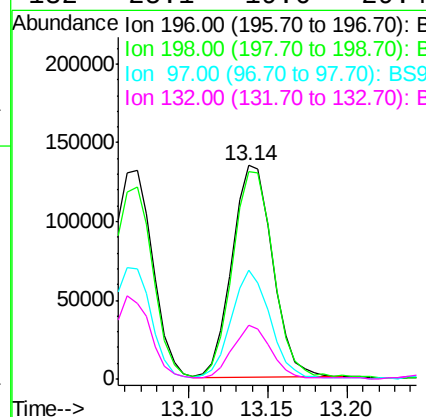
Instrument :
 BNA_G
 ClientSampleId :

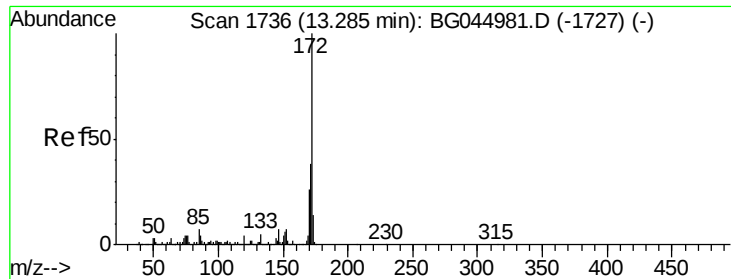
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	72.5	108.7
200	30.0	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.941 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
97	51.2	39.6	59.4
132	25.1	19.6	29.4

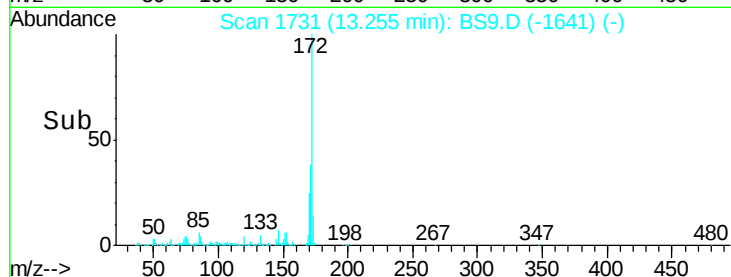
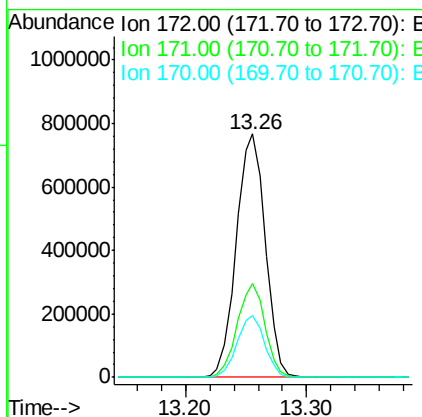
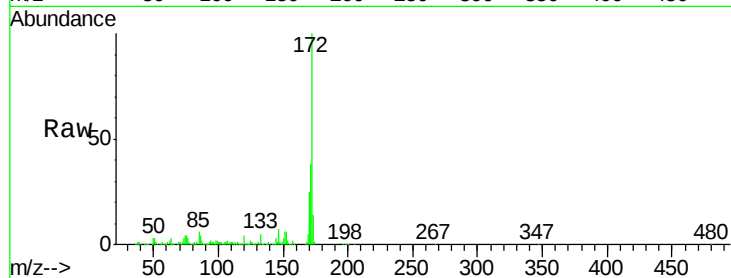




#45
2-Fluorobiphenyl
Concen: 90.566 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

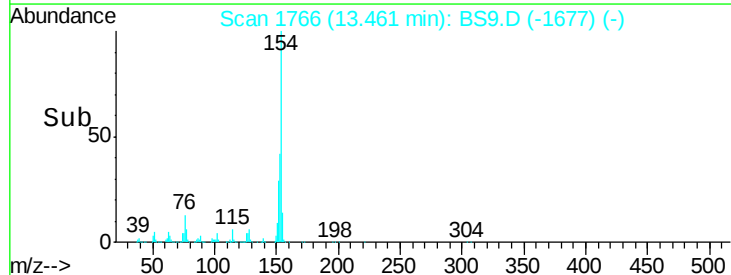
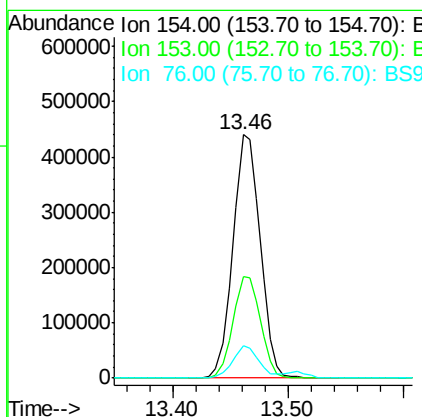
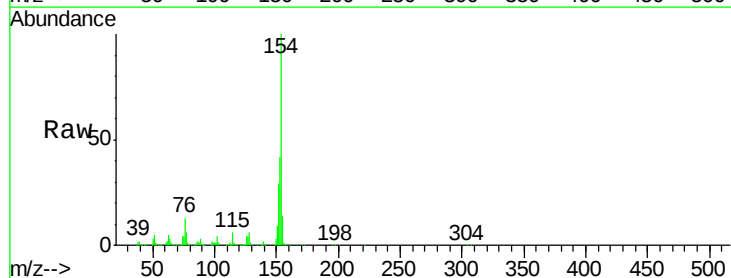
Instrument :
BNA_G
ClientSampled :

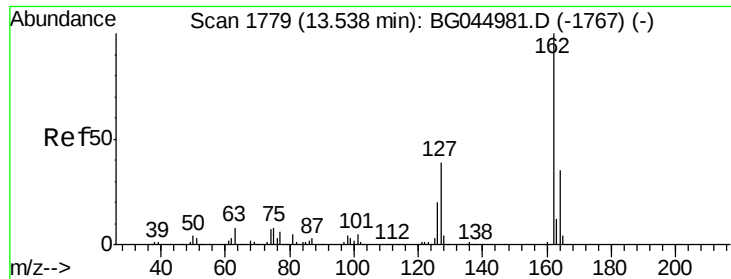
Tot Ion:172 Resp: 1281466
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 25.2 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.584 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:154 Resp: 718848
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 13.1 0.0 33.1

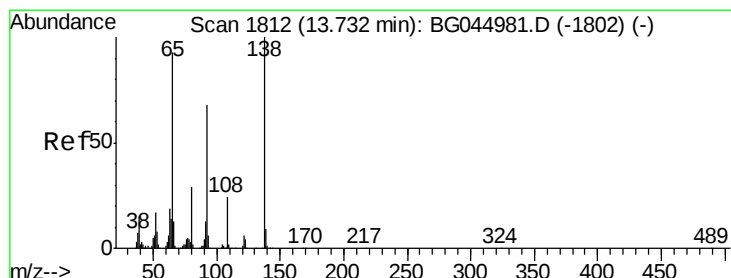
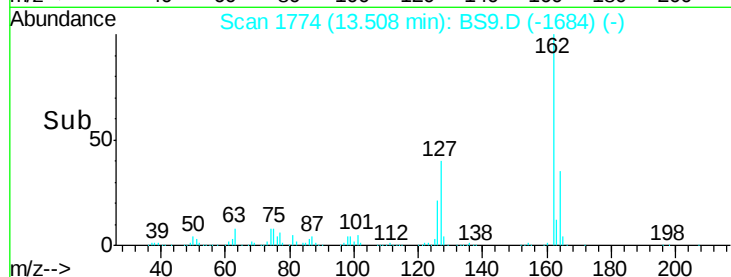
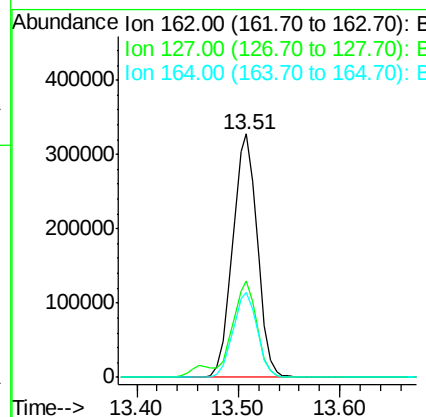
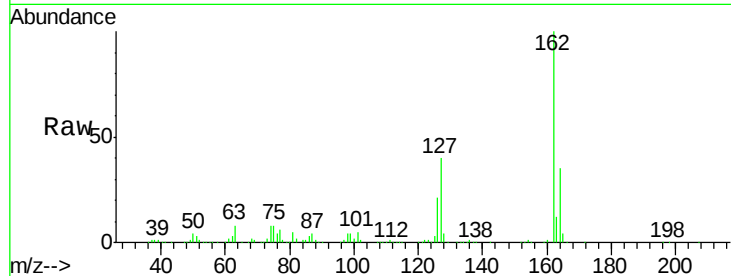




#47
2-Chloronaphthalene
Concen: 45.786 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

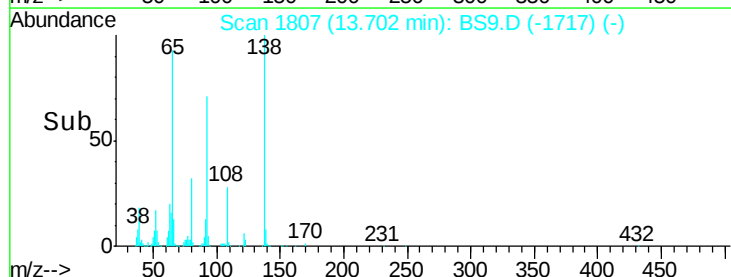
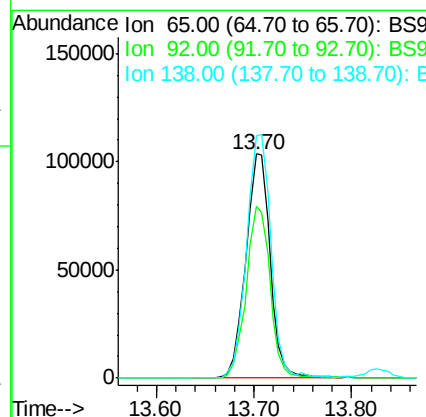
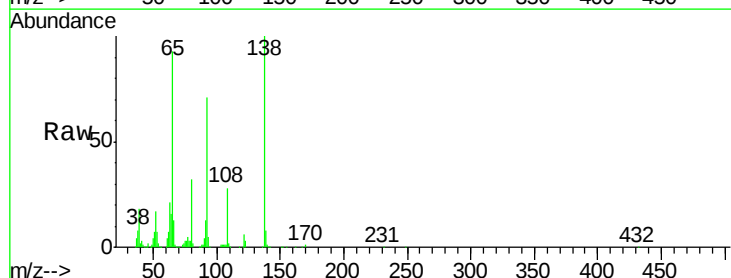
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.3	46.9
164	35.1	27.8	41.8



#48
2-Nitroaniline
Concen: 45.711 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	58.3	87.5
138	108.0	85.6	128.4





#49

Acenaphthylene

Concen: 46.712 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

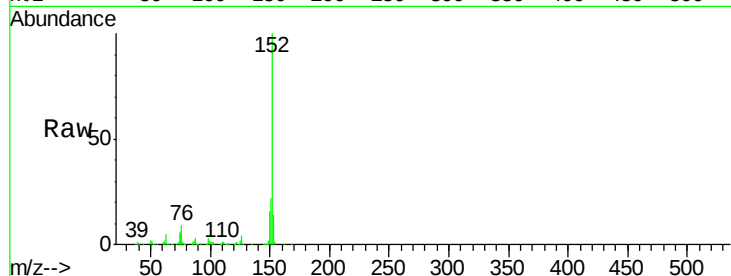
Tot Ion:152 Resp: 916816

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

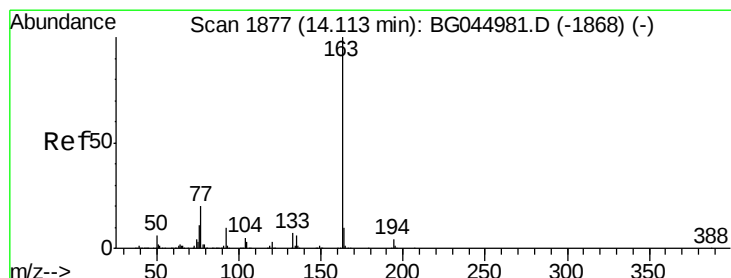
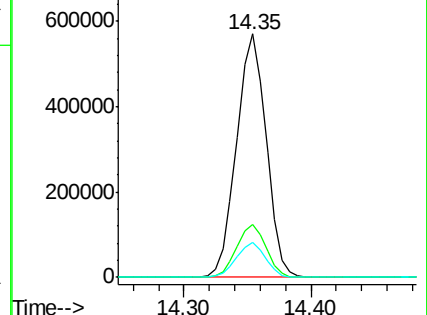
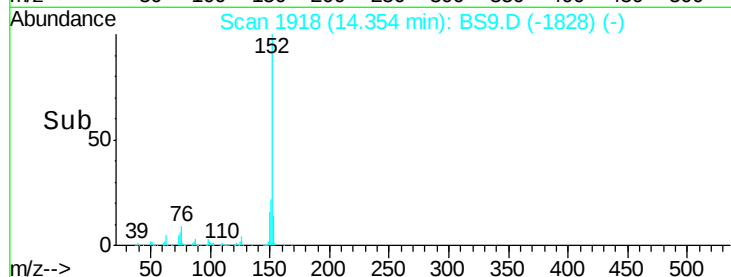
153 14.3 11.0 16.4



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: 45.383 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

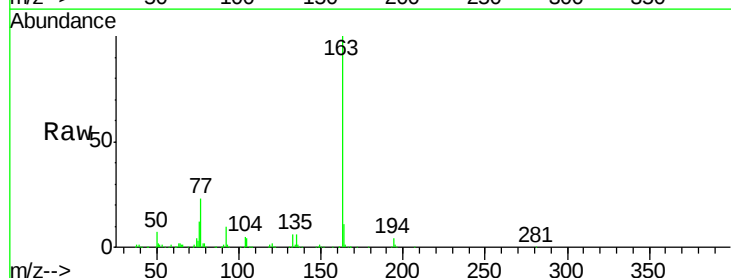
Tgt Ion:163 Resp: 766685

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

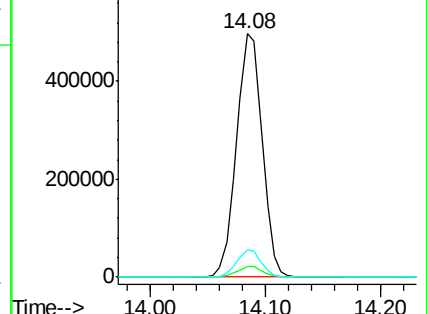
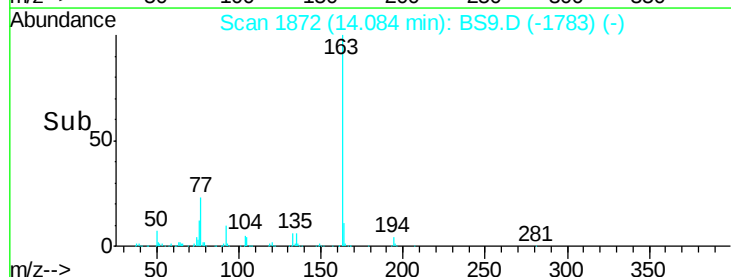
164 11.0 8.2 12.4

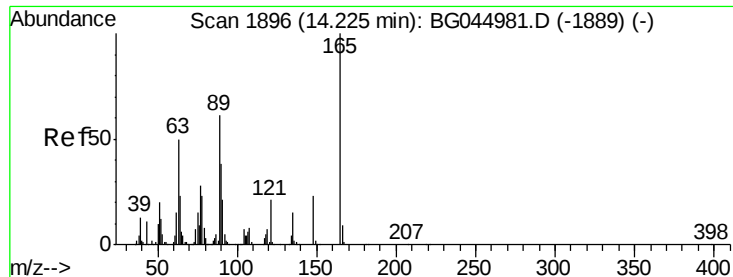


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

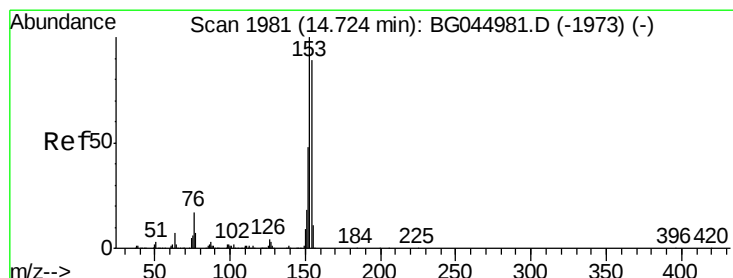
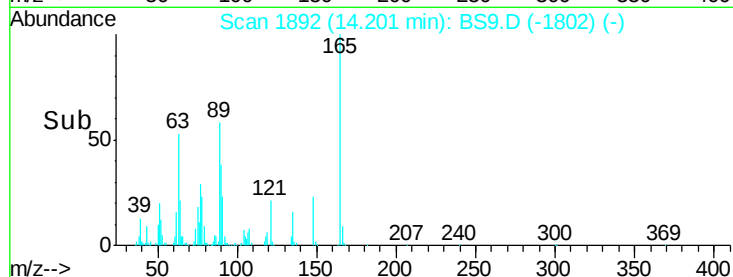
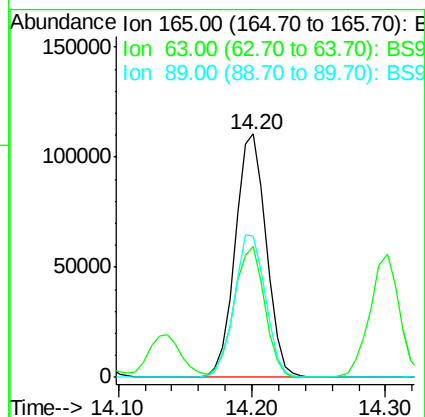
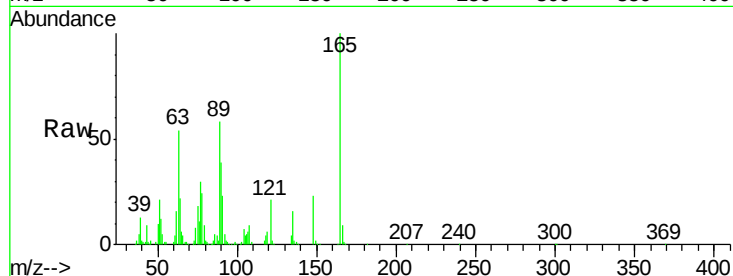




#51
 2,6-Dinitrotoluene
 Concen: 47.134 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

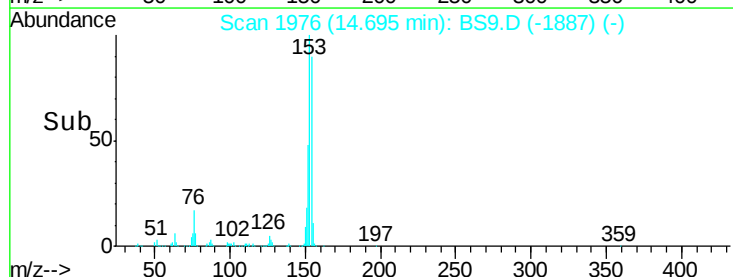
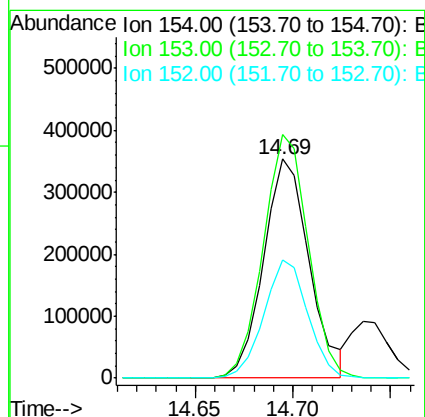
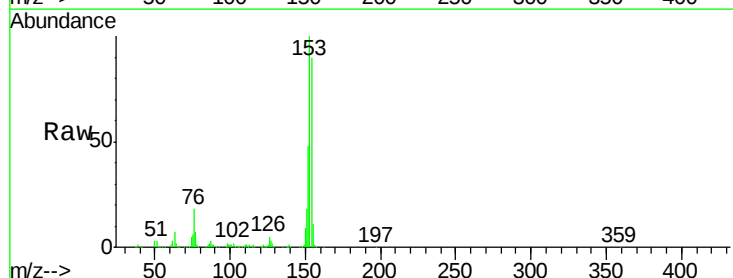
Instrument :
 BNA_G
 ClientSampled :

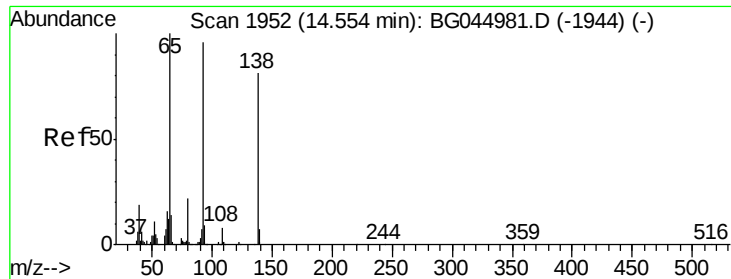
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.4	60.6
89	57.9	49.1	73.7



#52
 Acenaphthene
 Concen: 43.059 ng
 RT: 14.69 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.7	134.5
152	53.8	43.1	64.7

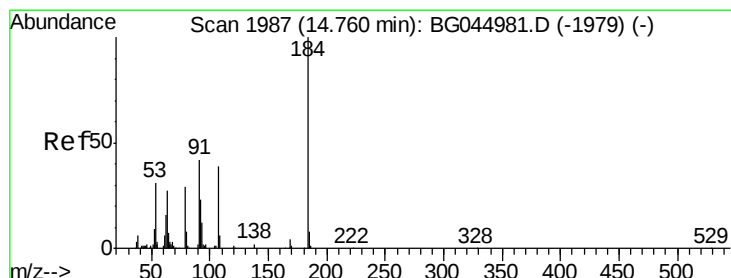
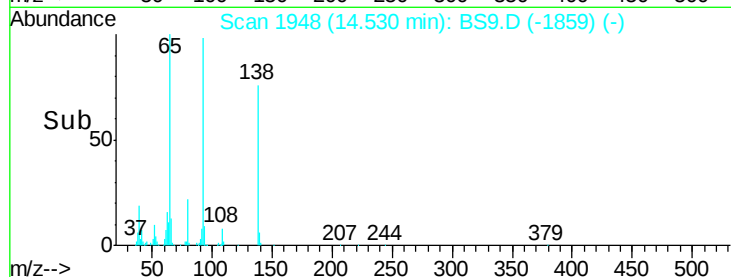
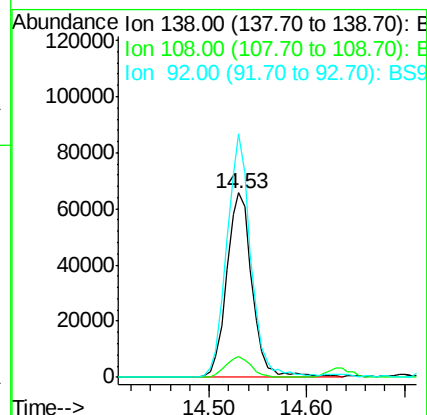
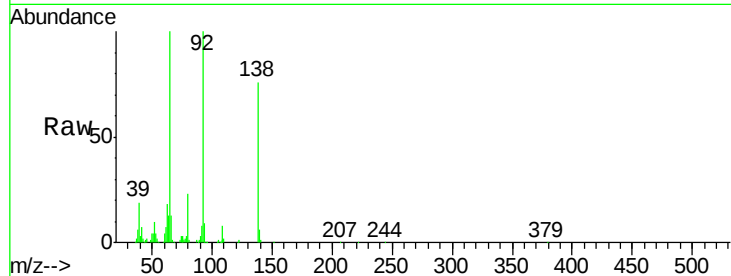




#53
 3-Nitroaniline
 Concen: 28.563 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

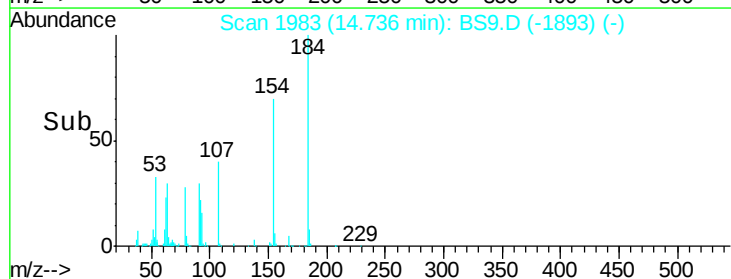
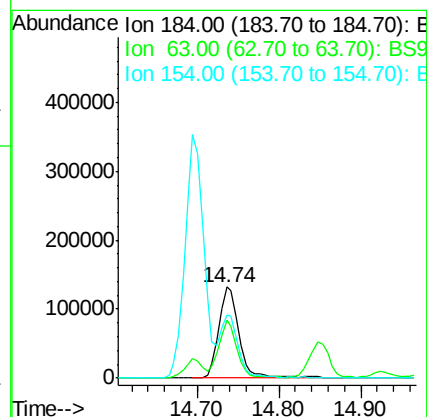
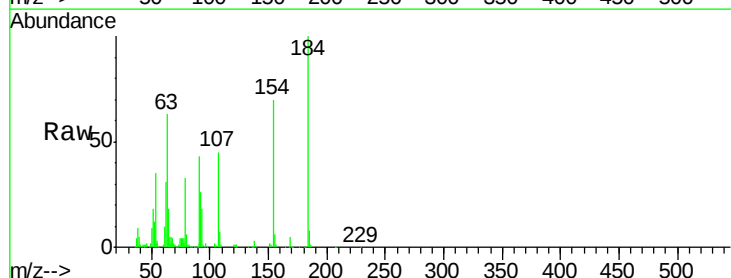
Instrument :
 BNA_G
 ClientSampleId :

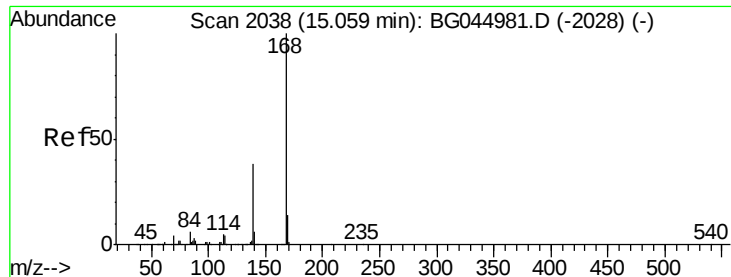
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.8
92	132.0	94.5	141.7



#54
 2,4-Dinitrophenol
 Concen: 102.509 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	41.5	62.3#
154	69.6	52.3	78.5





#55

Dibenzofuran

Concen: 46.392 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

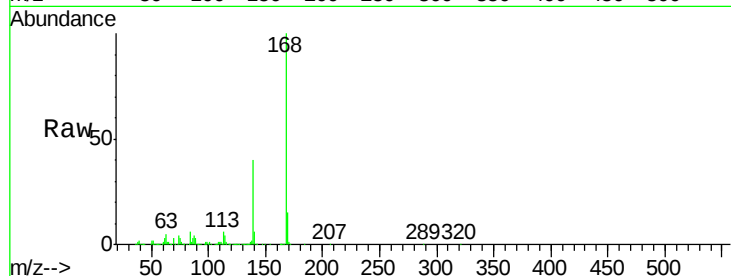
Tot Ion:168 Resp: 898182

Ion Ratio Lower Upper

168 100

139 39.7 30.4 45.6

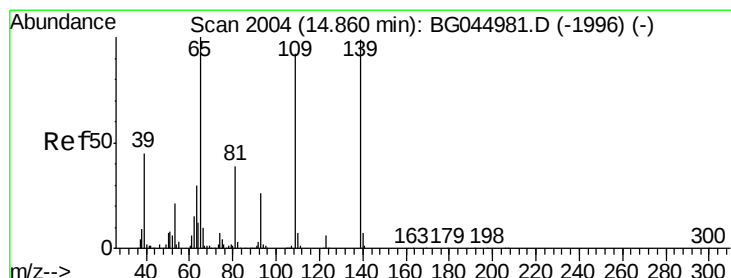
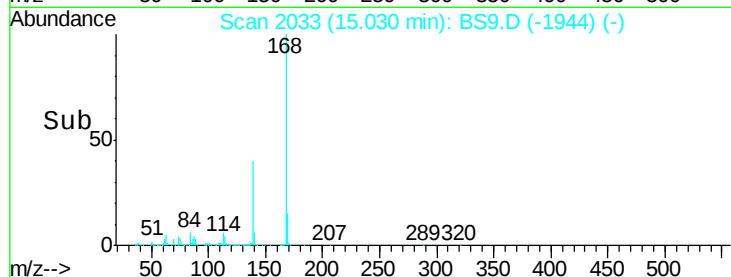
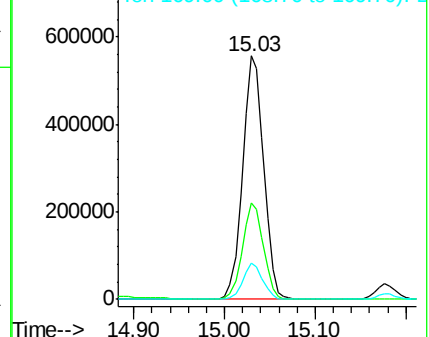
169 15.0 11.0 16.4



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: 88.683 ng

RT: 14.85 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

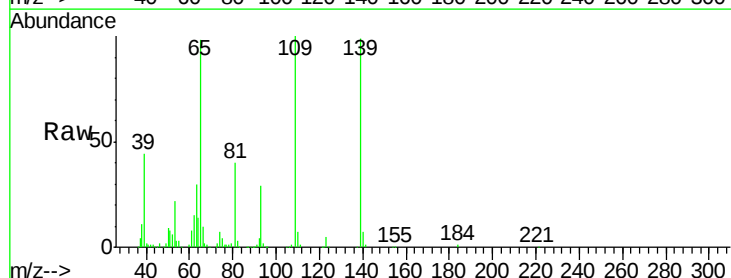
Tgt Ion:139 Resp: 284966

Ion Ratio Lower Upper

139 100

109 101.2 73.6 113.6

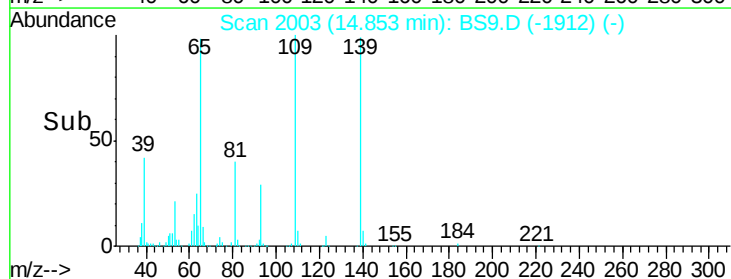
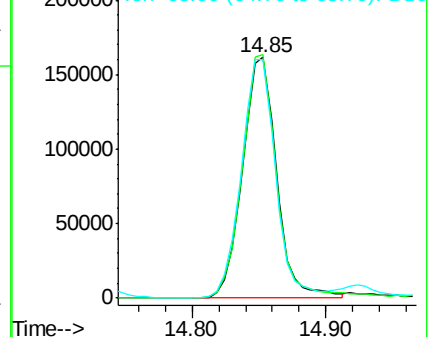
65 99.0 81.2 121.2

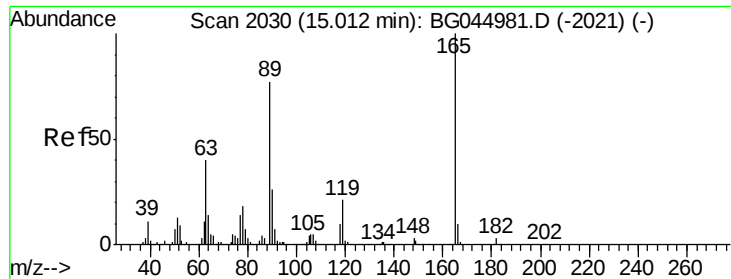


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BS9

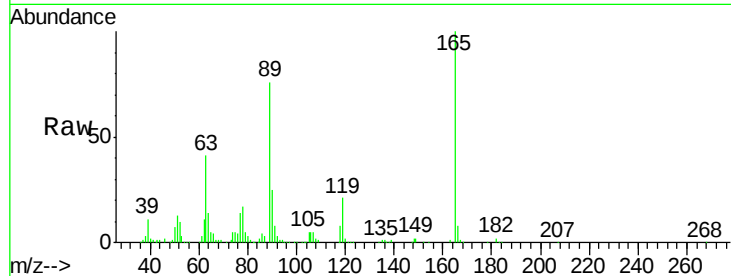




#57
 2,4-Dinitrotoluene
 Concen: 44.985 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	248411
Ion Ratio	Lower	Upper	
165	100		
63	41.4	32.2	48.2
89	75.5	61.7	92.5
182	2.4	2.0	3.0

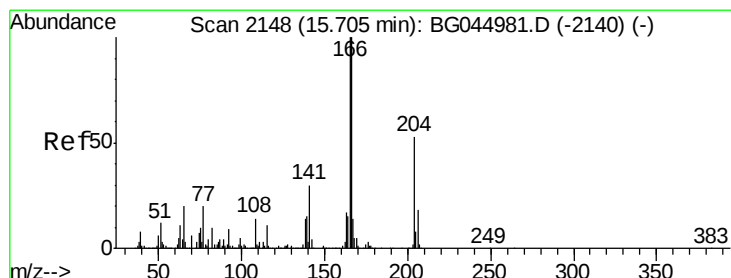
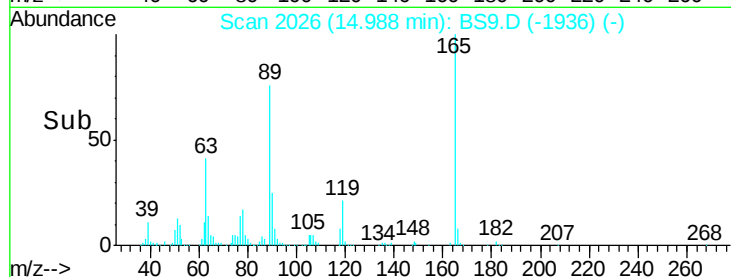
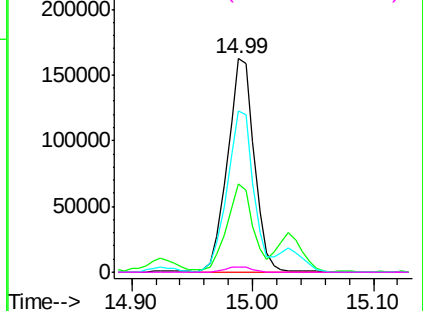


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BS9

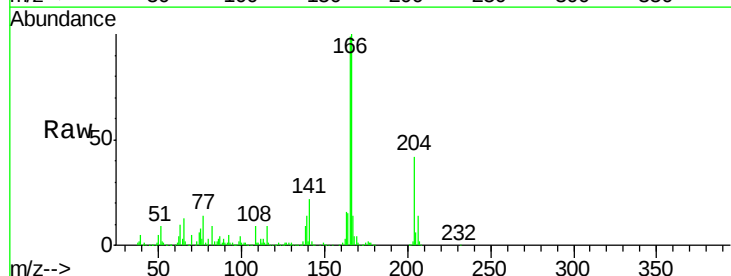
Ion 89.00 (88.70 to 89.70): BS9

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.265 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

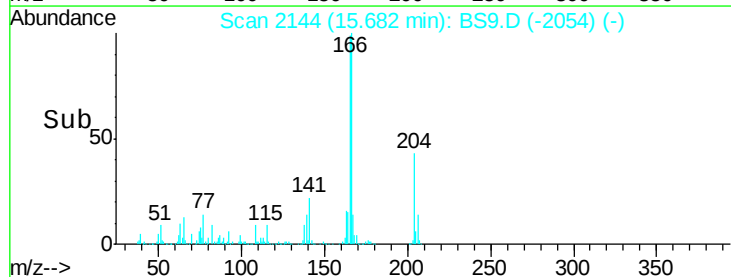
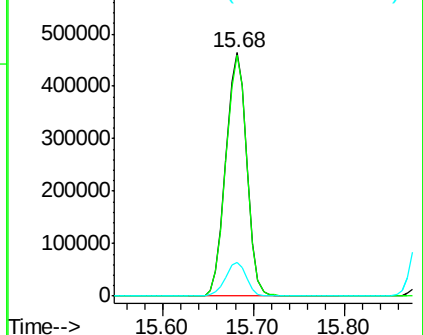
Tgt Ion:	166	Resp:	747453
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.9	119.9
167	13.9	11.4	17.0

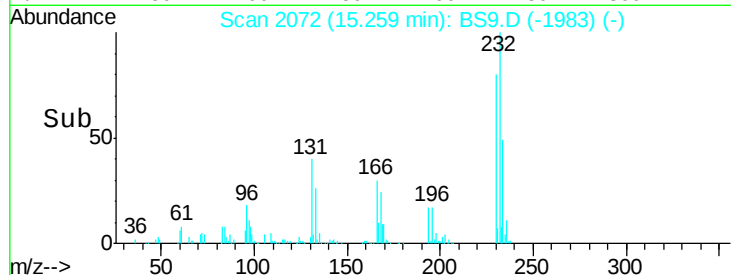
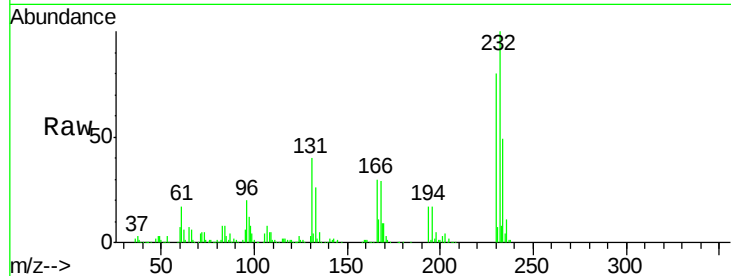
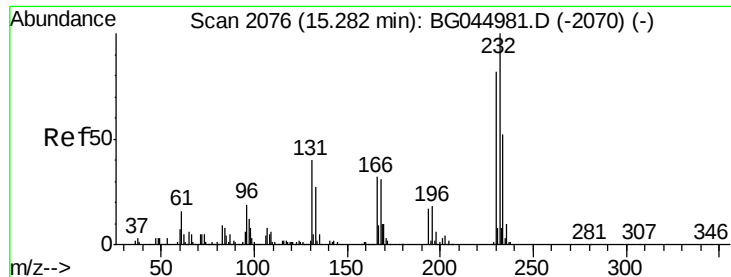


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

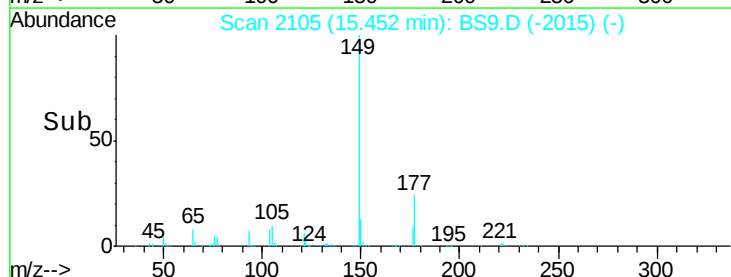
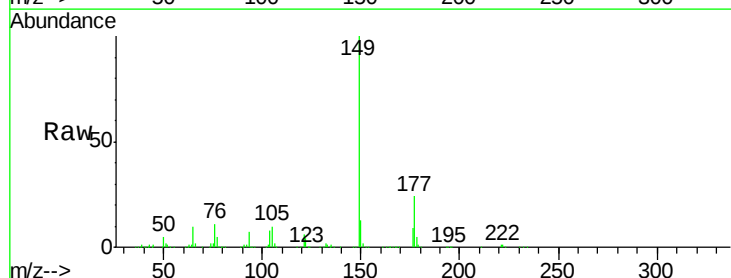
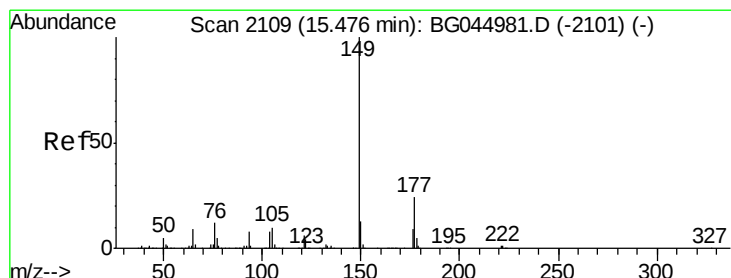
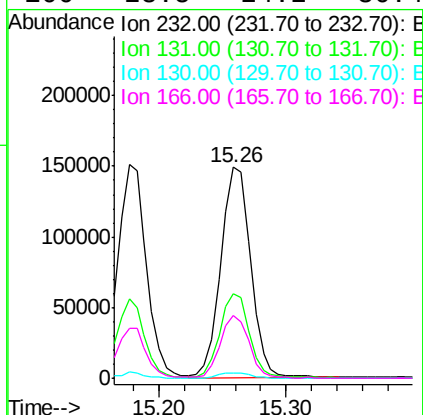




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.147 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

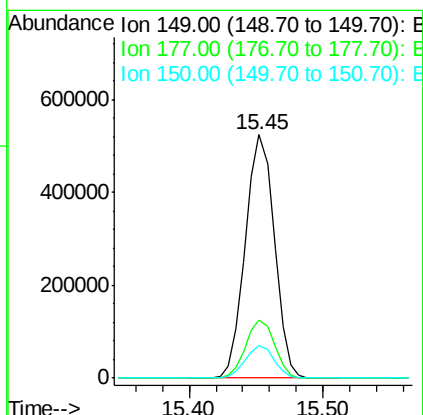
Instrument :
BNA_G
ClientSampleId :

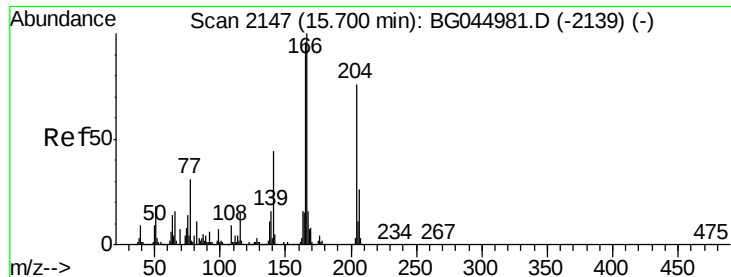
Tot Ion:	232	Resp:	244228
Ion Ratio	Lower	Upper	
232	100		
131	38.7	32.2	48.2
130	2.7	2.2	3.2
166	28.5	24.2	36.4



#60
Diethylphthalate
Concen: 44.725 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:	149	Resp:	787755
Ion Ratio	Lower	Upper	
149	100		
177	23.9	18.9	28.3
150	13.3	10.6	15.8

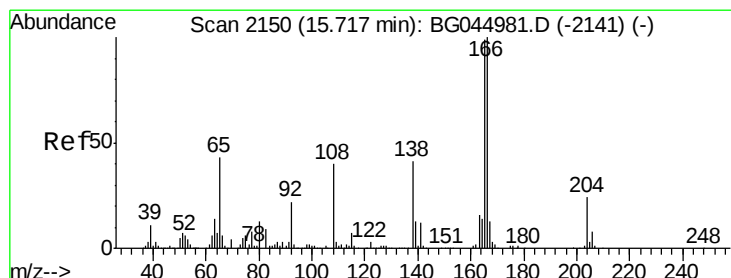
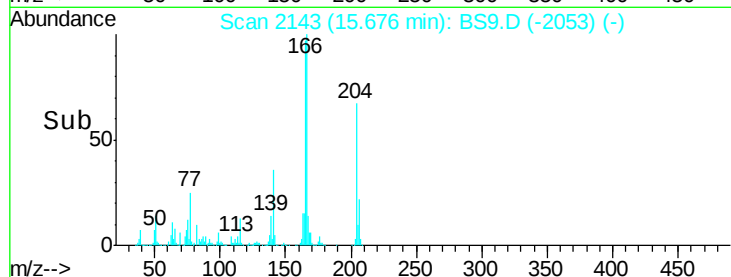
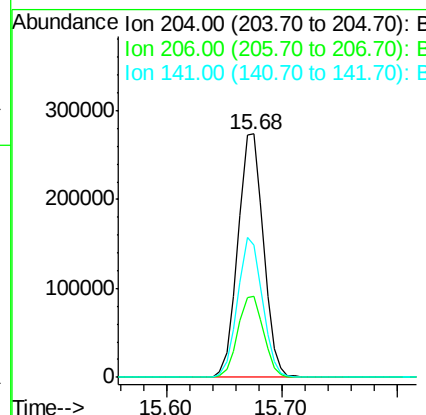
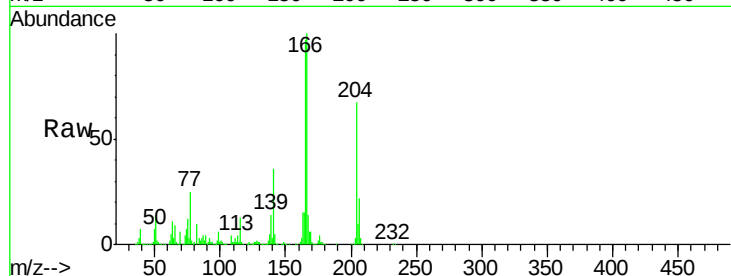




#61
 4-Chlorophenyl-phenylether
 Concen: 46.136 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

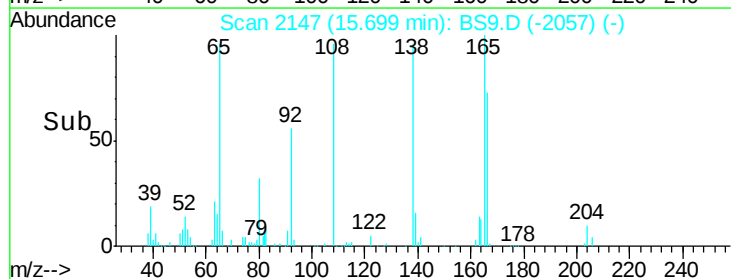
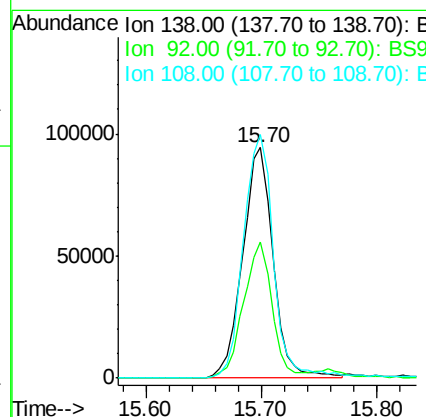
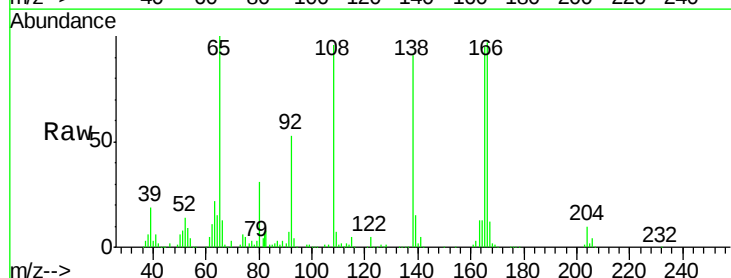
Instrument :
 BNA_G
 ClientSampled :

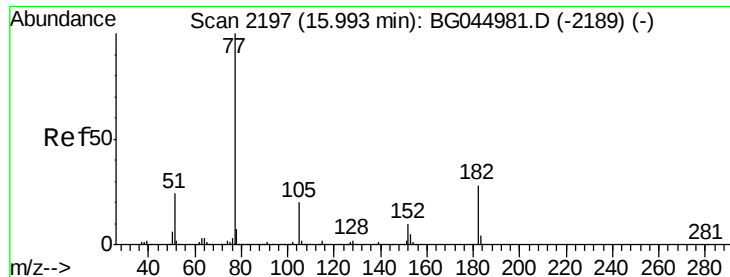
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	54.3	46.3	69.5



#62
 4-Nitroaniline
 Concen: 40.398 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	33.6	73.6
108	105.5	78.2	118.2





#63

Azobenzene

Concen: 46.041 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 747652

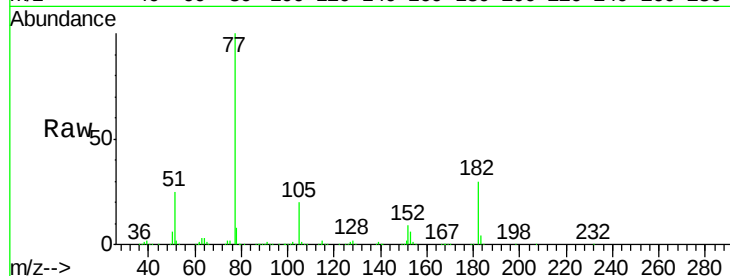
Ion Ratio Lower Upper

77 100

182 29.5 8.4 48.4

105 20.2 0.5 40.5

51 25.0 4.4 44.4

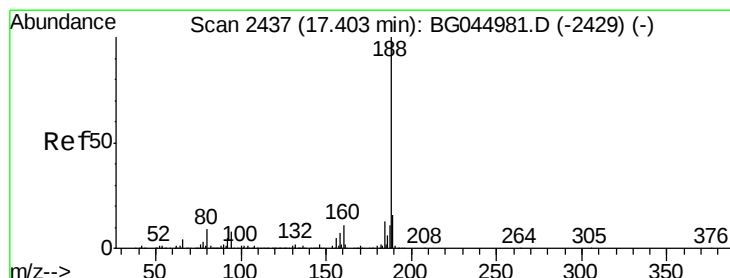
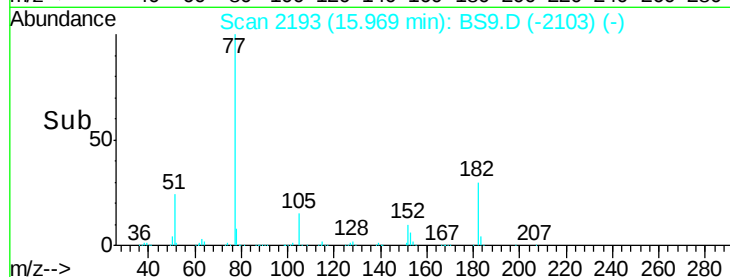
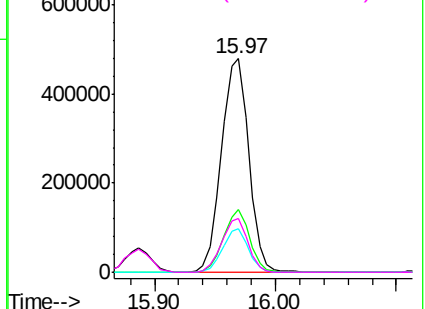


Abundance Ion 77.00 (76.70 to 77.70): BS9

Ion 182.00 (181.70 to 182.70): BS9

Ion 105.00 (104.70 to 105.70): BS9

Ion 51.00 (50.70 to 51.70): BS9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

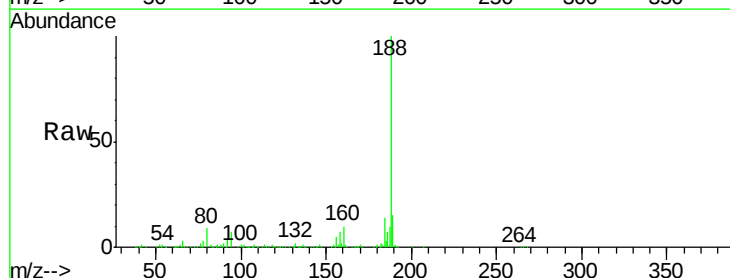
Tgt Ion: 188 Resp: 509651

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

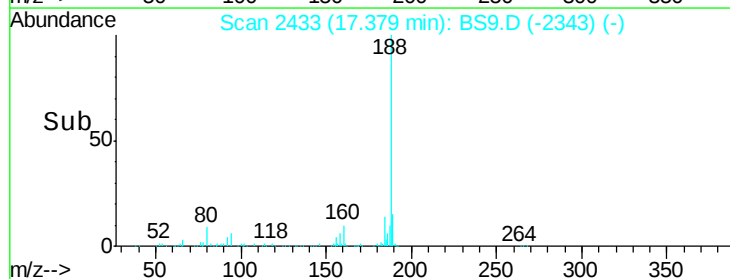
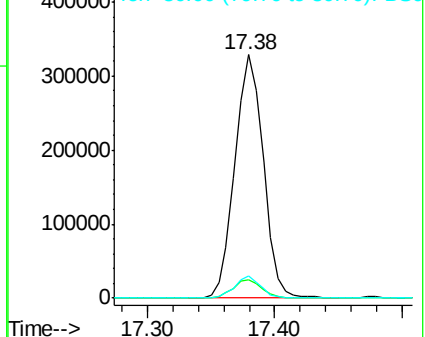
80 9.2 7.0 10.6

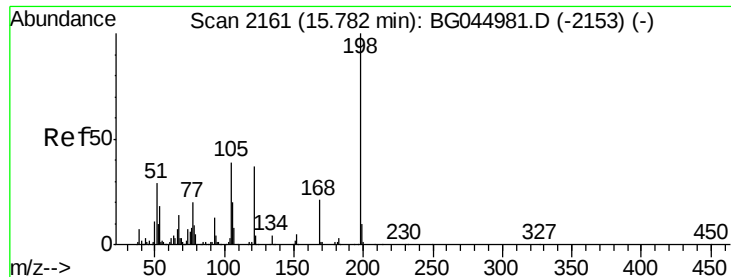


Abundance Ion 188.00 (187.70 to 188.70): BS9

Ion 94.00 (93.70 to 94.70): BS9

Ion 80.00 (79.70 to 80.70): BS9

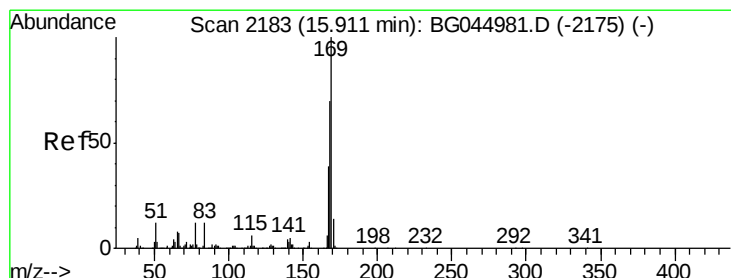
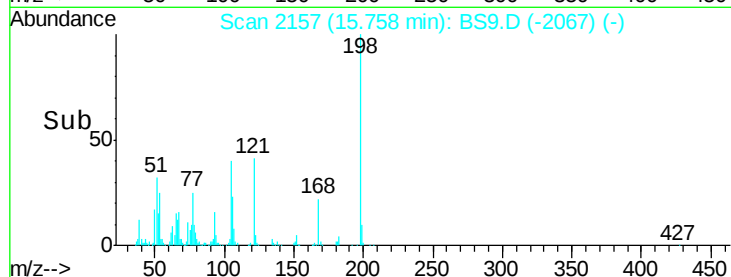
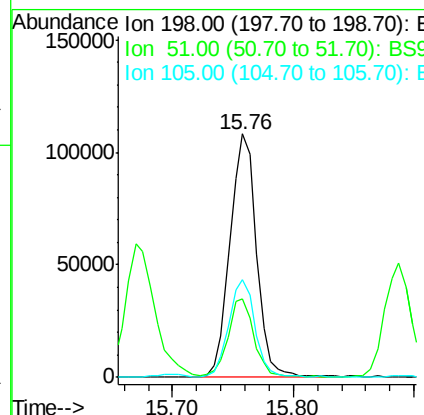
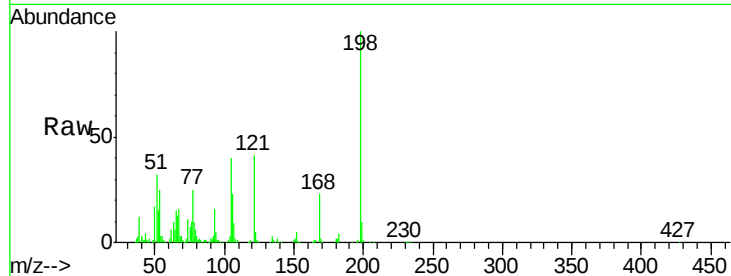




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.549 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

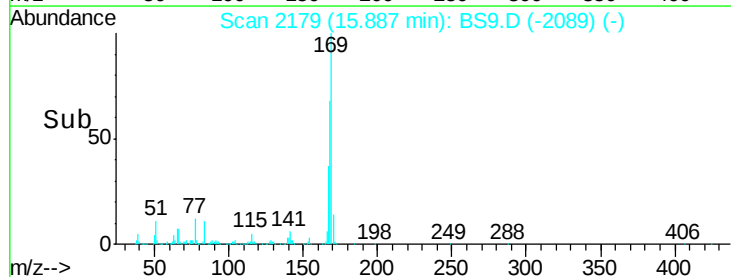
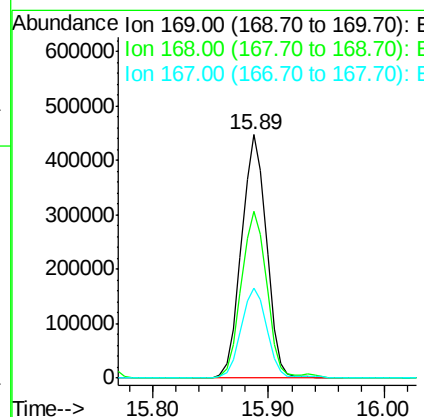
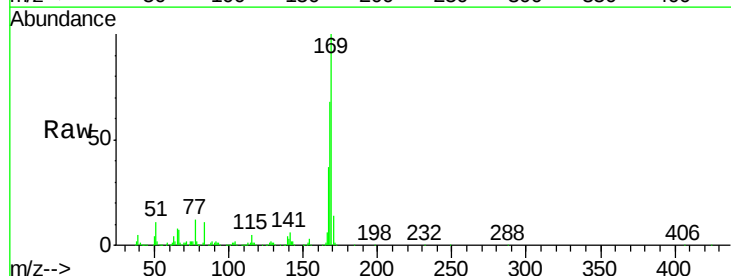
Instrument :
 BNA_G
 ClientSampleId :

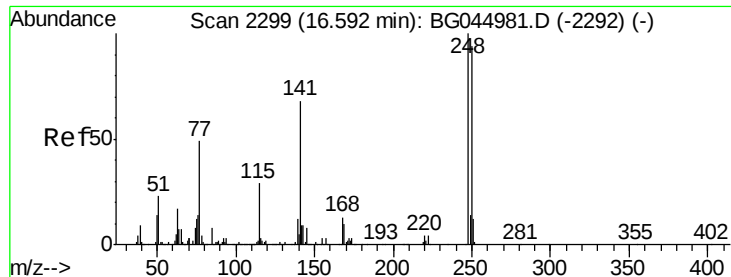
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.4	10.0	50.0
105	40.0	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 45.961 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.8	83.8
167	36.7	30.8	46.2

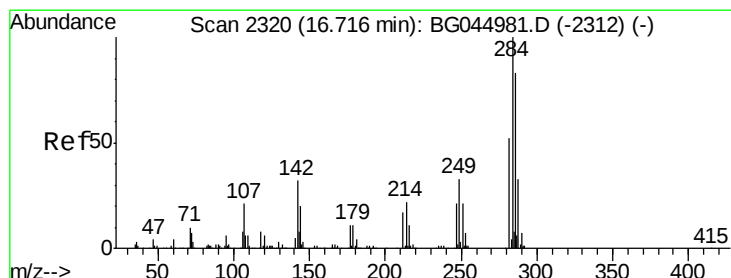
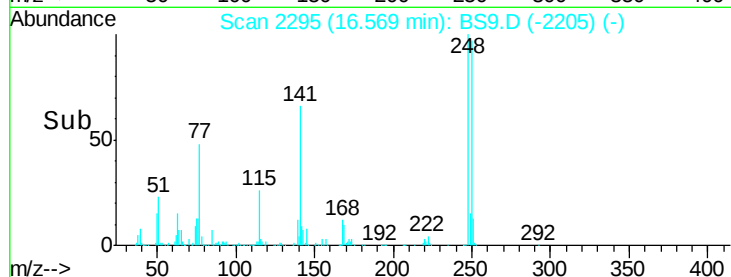
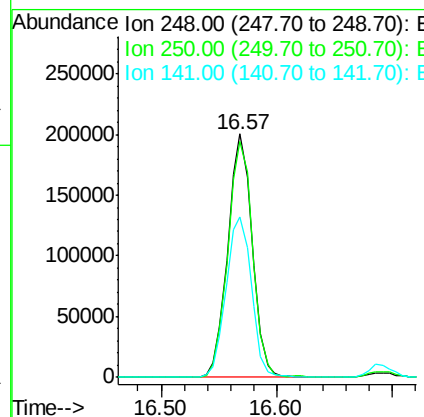
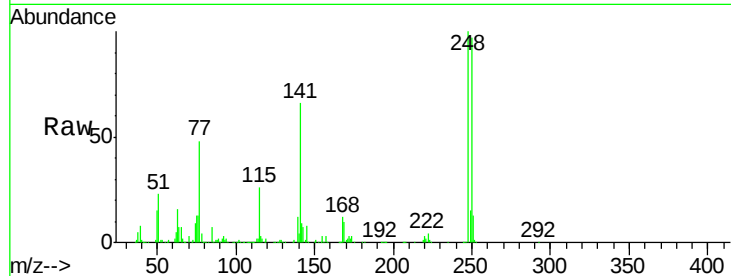




#67
4-Bromophenyl-phenylether
Concen: 44.603 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

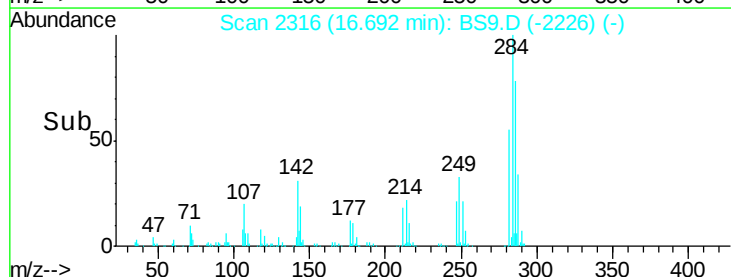
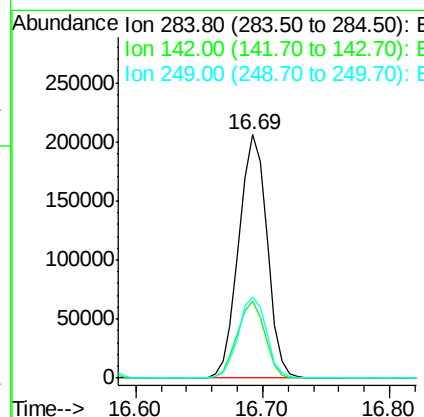
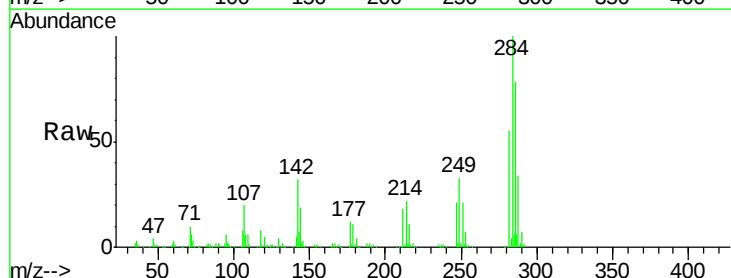
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 293263
Ion Ratio Lower Upper
248 100
250 96.7 75.4 113.2
141 65.9 54.4 81.6



#68
Hexachlorobenzene
Concen: 46.587 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:284 Resp: 317678
Ion Ratio Lower Upper
284 100
142 31.7 25.8 38.6
249 33.1 26.6 39.8

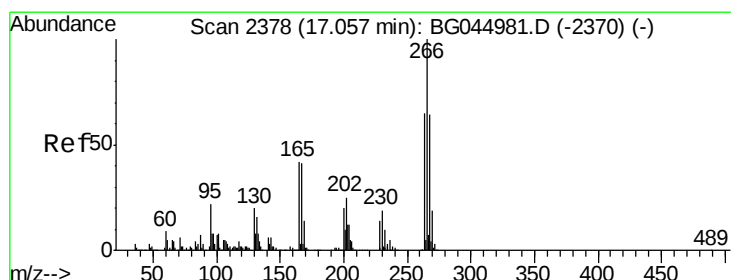
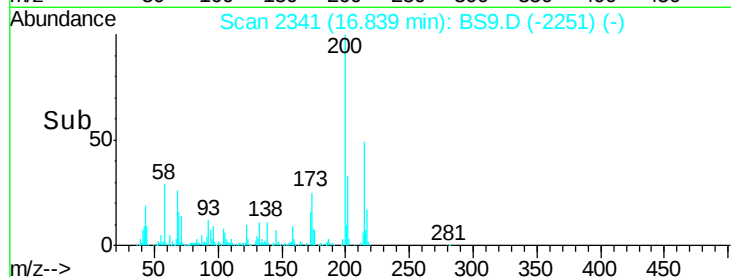
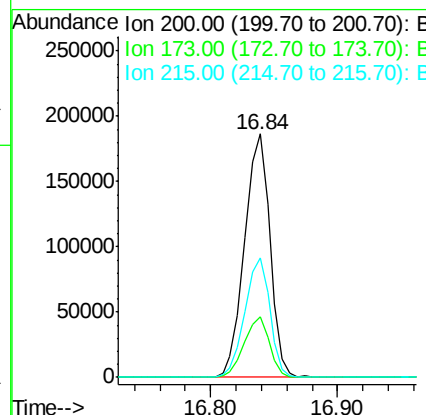
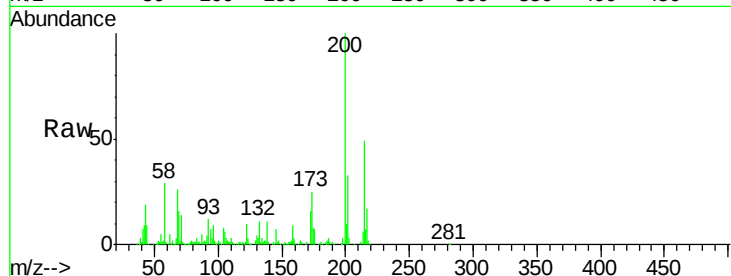




#69
 Atrazine
 Concen: 49.045 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

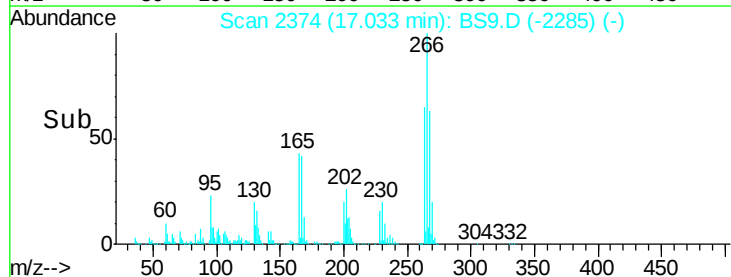
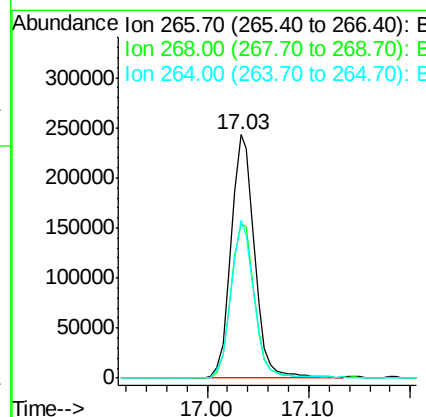
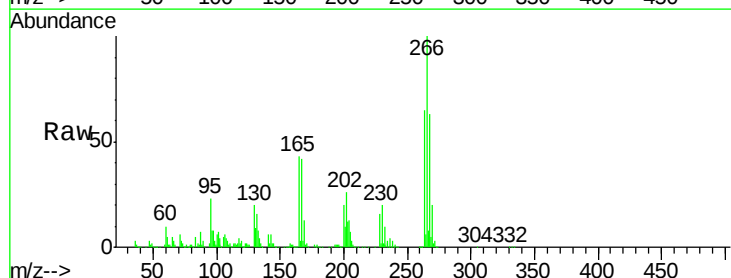
Instrument :
 BNA_G
 ClientSampled :

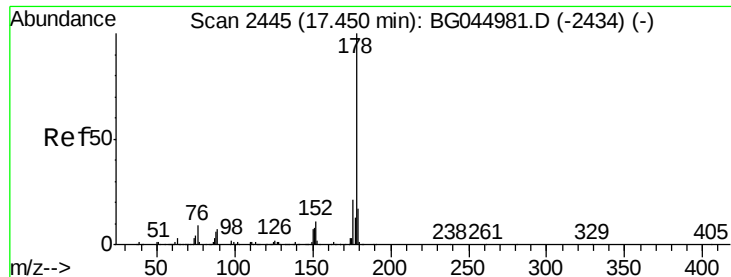
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.5	44.5
215	49.2	30.0	70.0



#70
 Pentachlorophenol
 Concen: 93.286 ng
 RT: 17.03 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.5	77.3
264	64.6	52.2	78.4

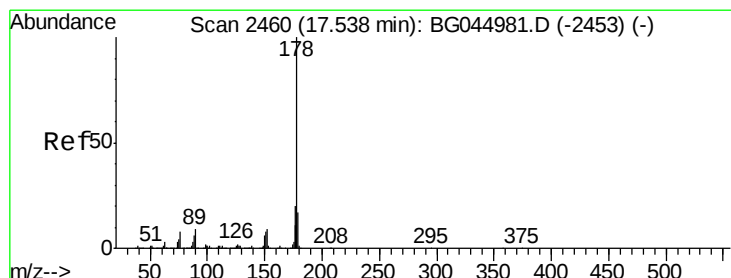
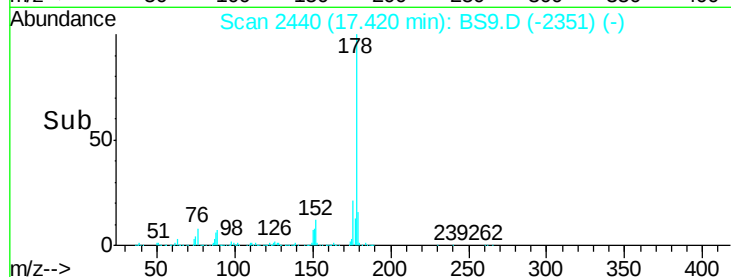
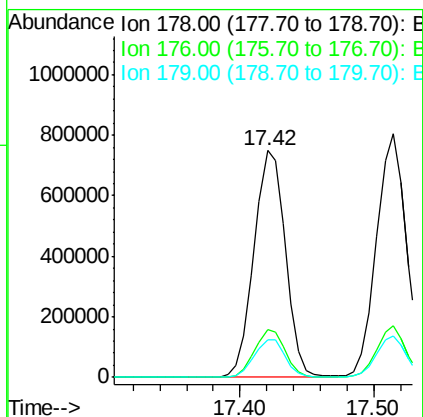
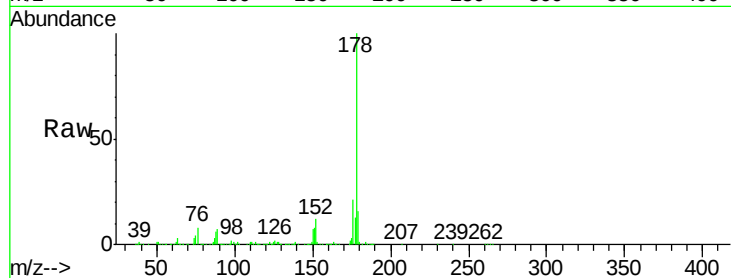




#71
 Phenanthrene
 Concen: 46.456 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

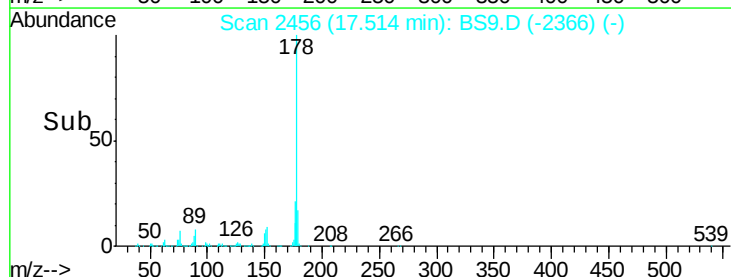
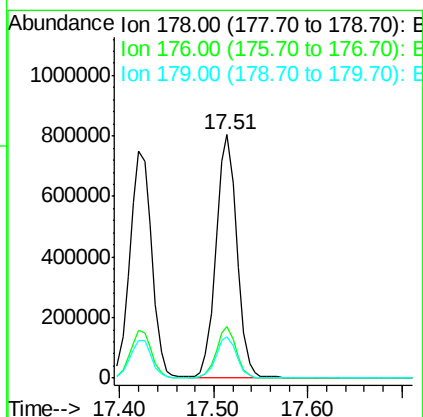
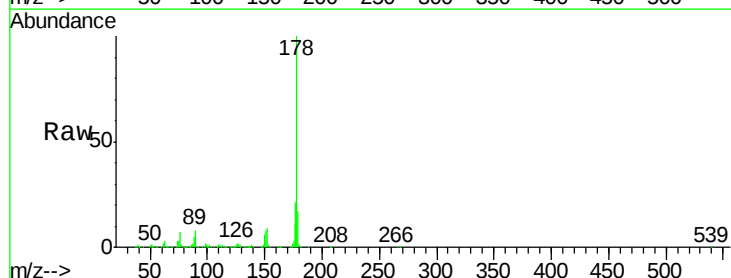
Instrument :
 BNA_G
 ClientSampleId :

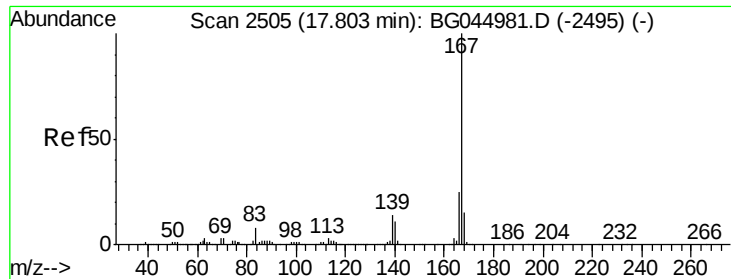
Tot Ion:178 Resp: 1216668
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.8 25.2
 179 16.5 13.2 19.8



#72
 Anthracene
 Concen: 47.766 ng
 RT: 17.51 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion:178 Resp: 1254864
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.0 24.0
 179 16.9 13.6 20.4



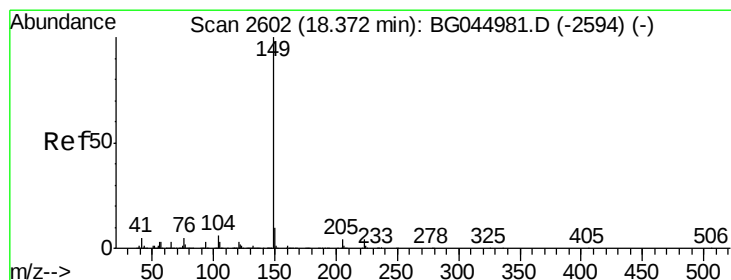
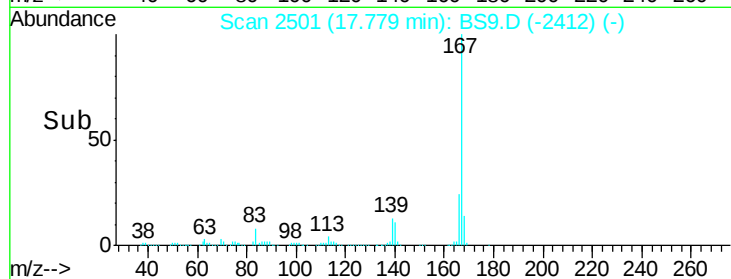
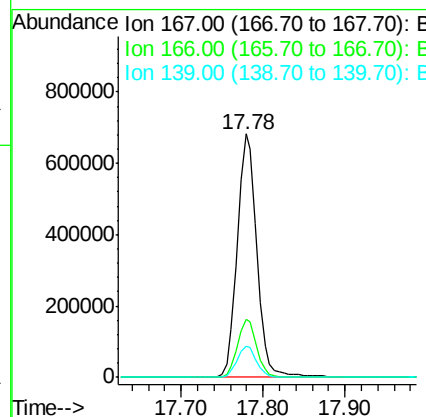
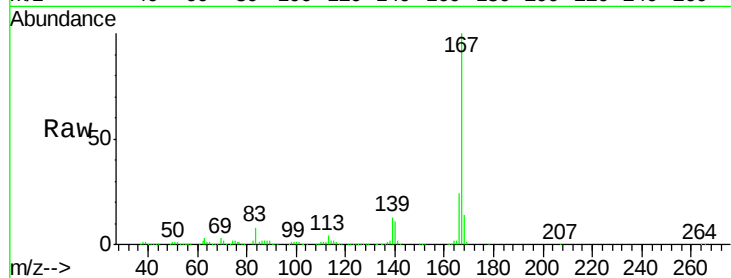


#73
 Carbazole
 Concen: 42.726 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1139061

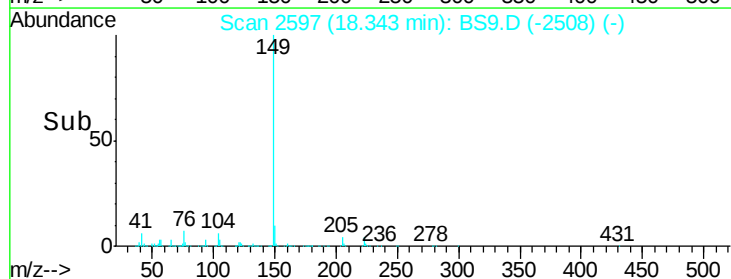
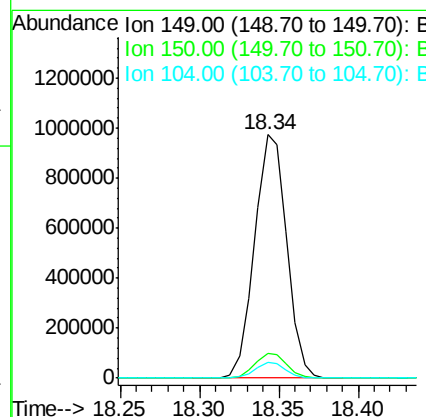
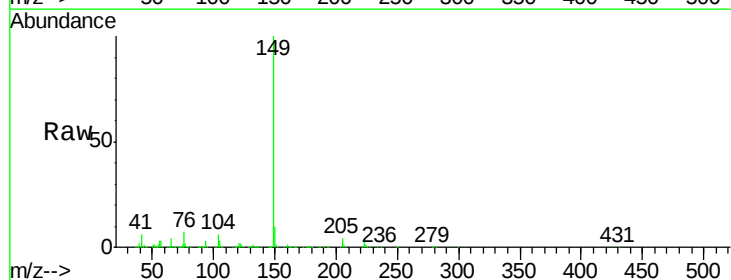
Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.8	29.6
139	13.0	10.9	16.3

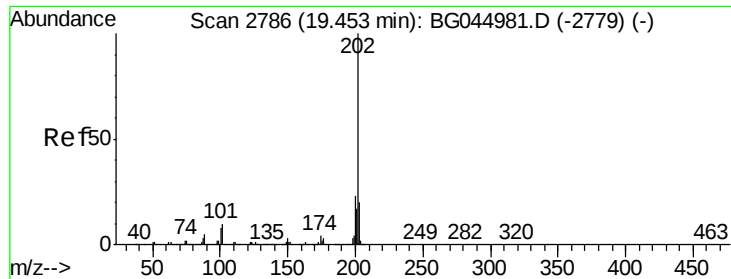


#74
 Di-n-butylphthalate
 Concen: 47.598 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BS9.D
 Acq: 2 May 2020 5:39

Tgt Ion:149 Resp: 1371153

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 49.941 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

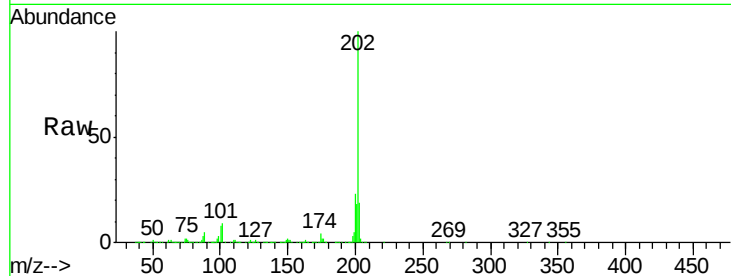
Tot Ion:202 Resp: 1516484

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

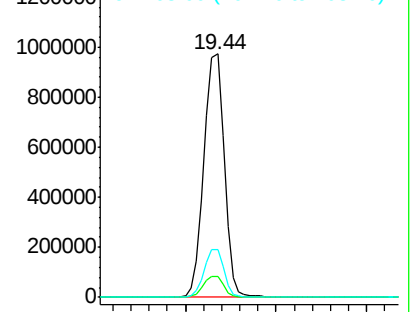
203 19.5 0.0 39.7



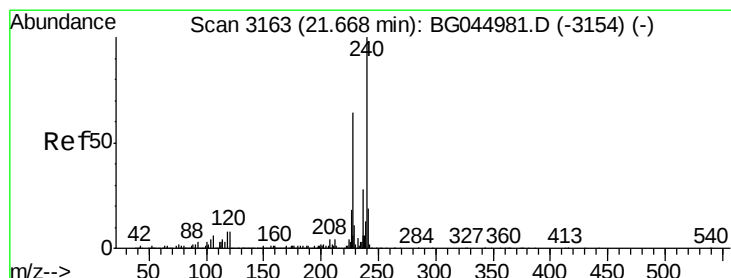
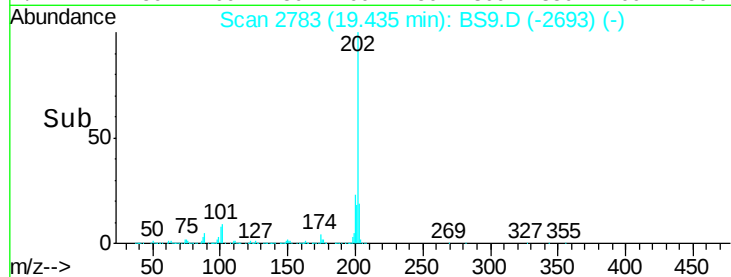
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

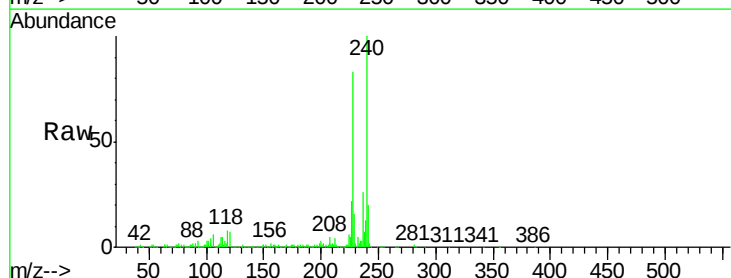
Tgt Ion:240 Resp: 481379

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

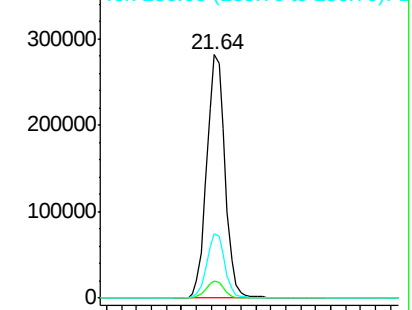
236 26.3 22.2 33.2



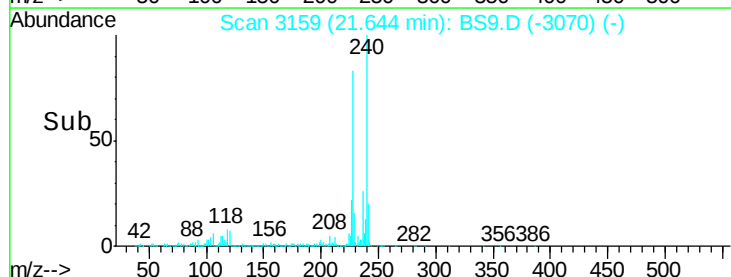
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 56.567 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

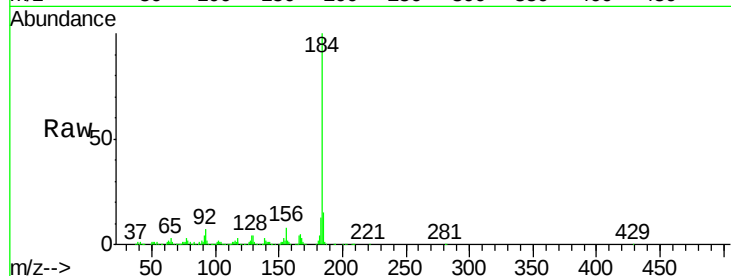
Tot Ion:184 Resp: 767355

Ion Ratio Lower Upper

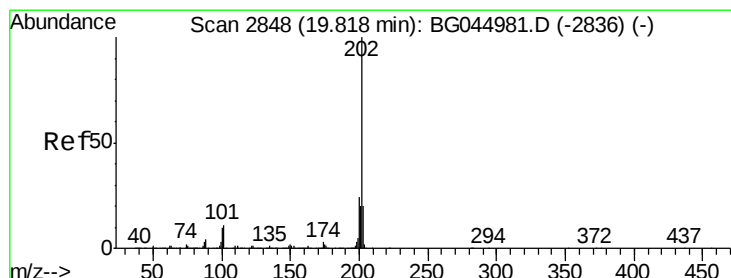
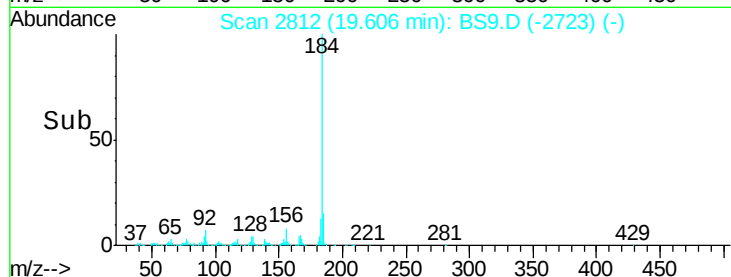
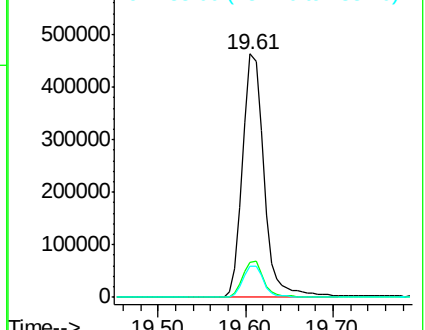
184 100

185 14.5 12.6 19.0

183 12.9 11.3 16.9



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: 45.043 ng

RT: 19.79 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

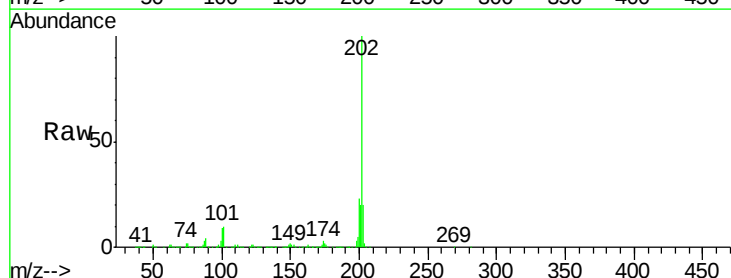
Tgt Ion:202 Resp: 1494805

Ion Ratio Lower Upper

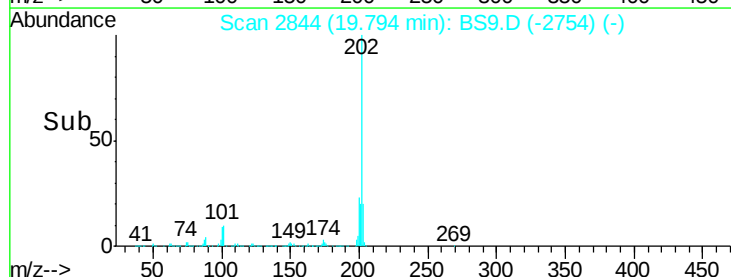
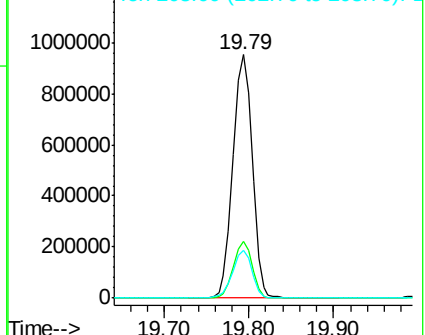
202 100

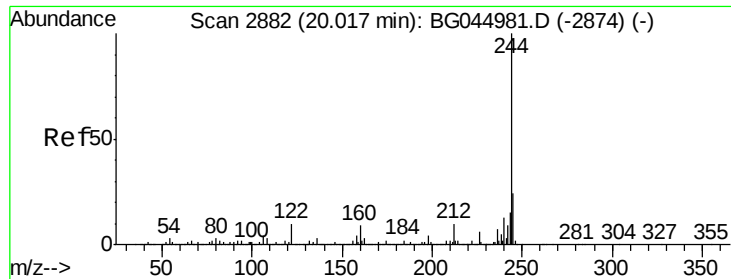
200 23.2 19.0 28.6

203 19.8 16.1 24.1



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: 98.216 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

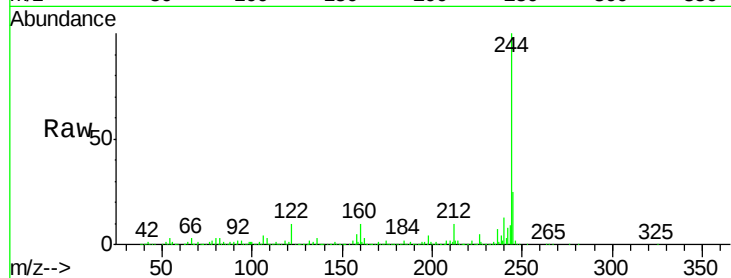
Tot Ion:244 Resp: 2169190

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

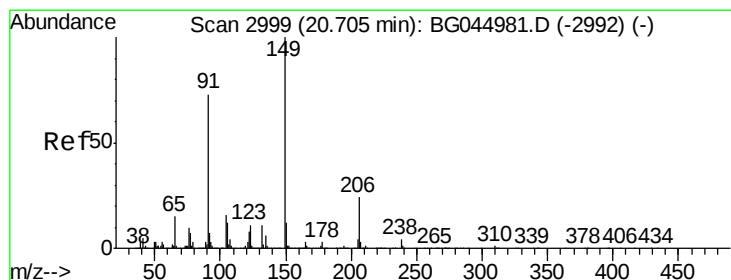
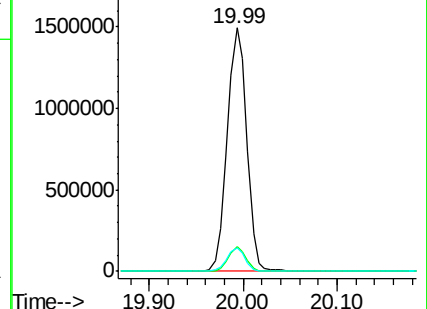
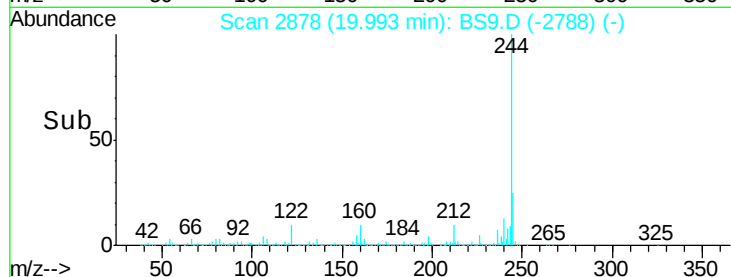
122 9.6 7.7 11.5



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: 44.968 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

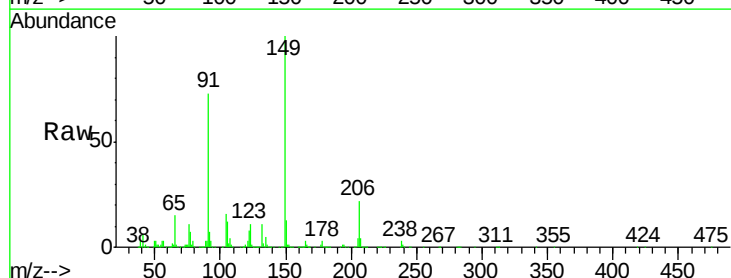
Tgt Ion:149 Resp: 618595

Ion Ratio Lower Upper

149 100

91 72.6 58.5 87.7

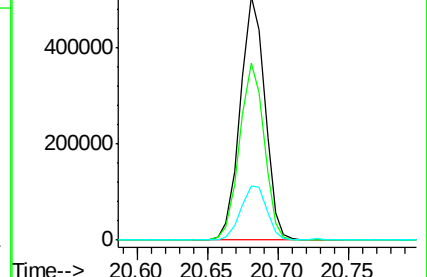
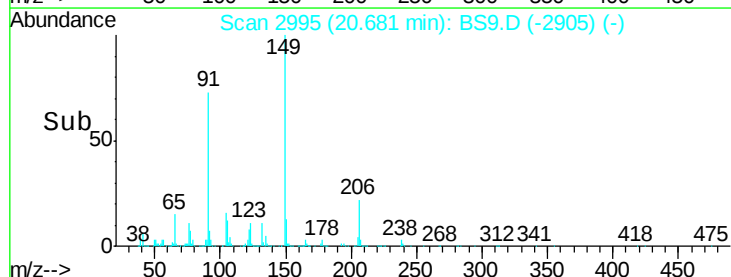
206 22.4 19.2 28.8

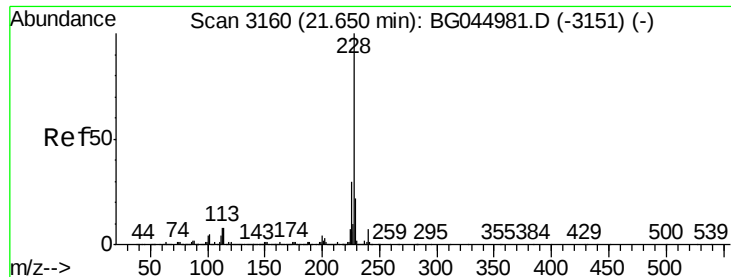


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BS9

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.747 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

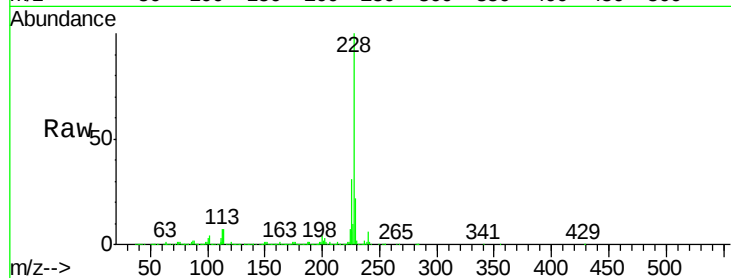
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1458500

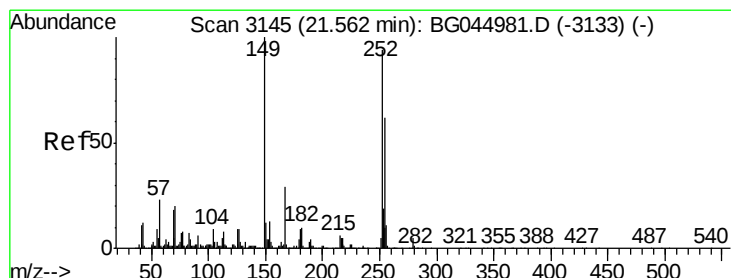
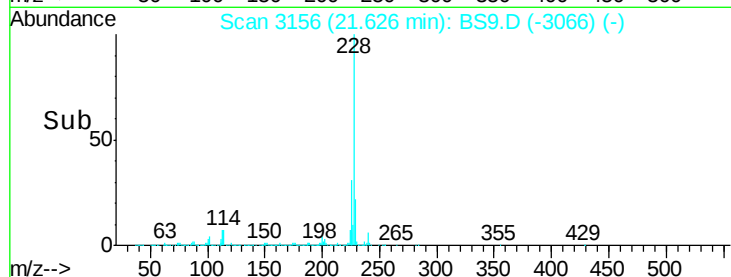
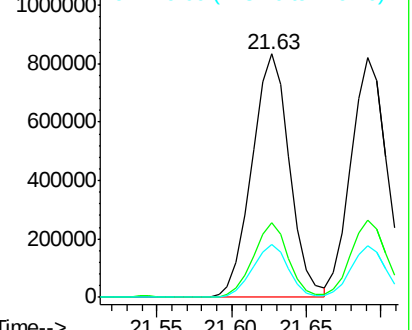
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.8	17.5	26.3



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: 36.720 ng

RT: 21.54 min Scan# 3141

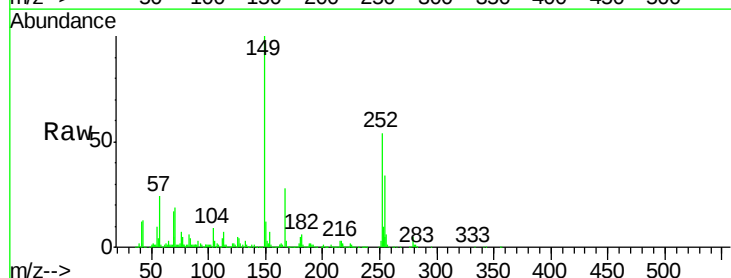
Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Tgt Ion:252 Resp: 456007

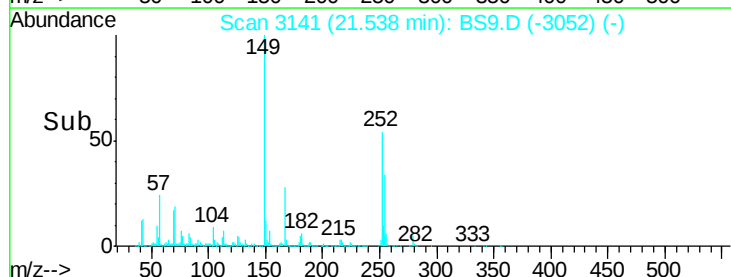
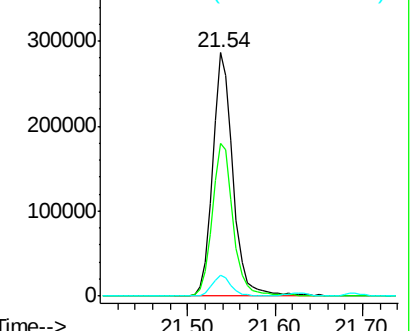
Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.6	79.0
126	8.7	7.5	11.3



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: 45.985 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

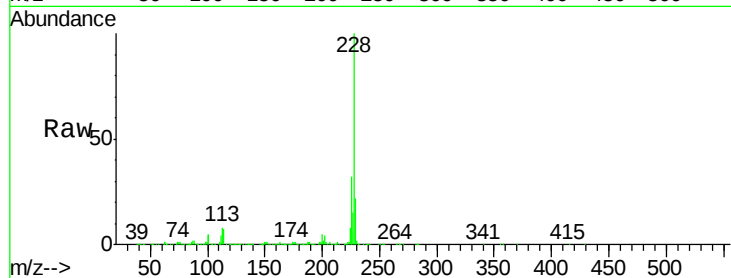
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1378526

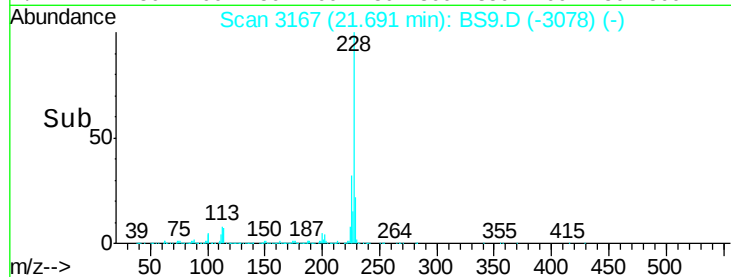
Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	21.7	17.0	25.6



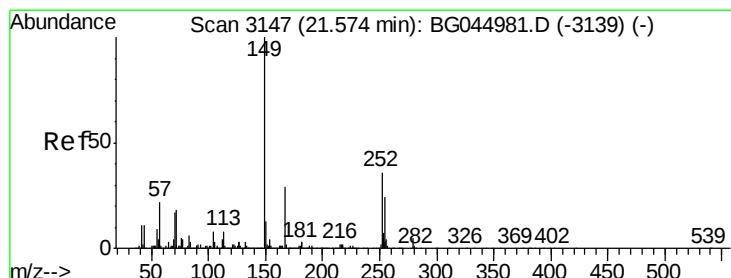
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.344 ng

RT: 21.54 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

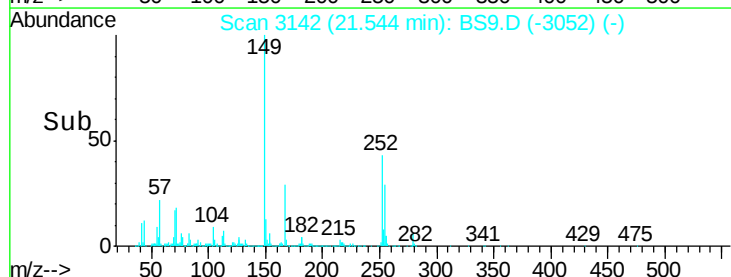
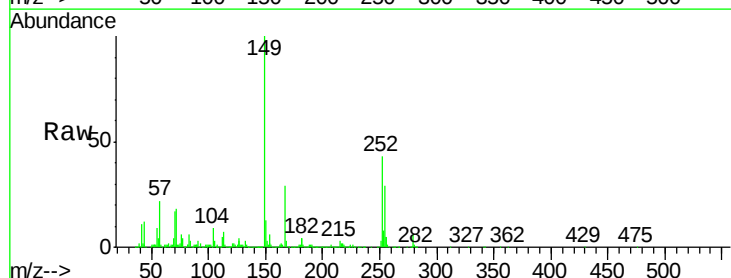
Tgt Ion:149 Resp: 857882

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.6	4.3	6.5

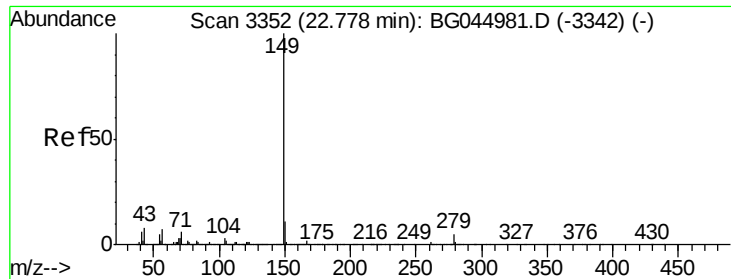
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 45.291 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

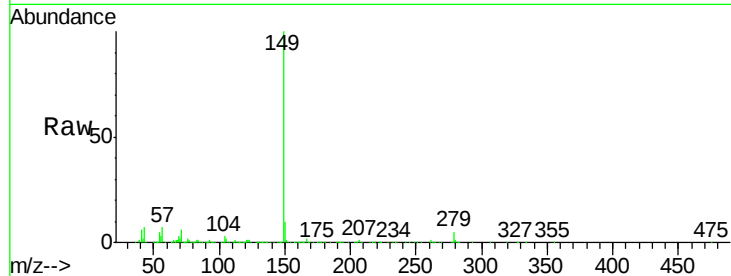
Tot Ion:149 Resp: 1481788

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

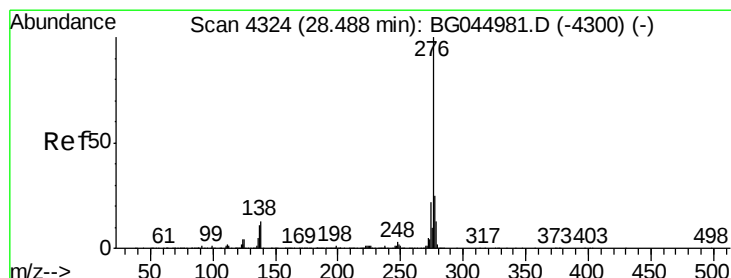
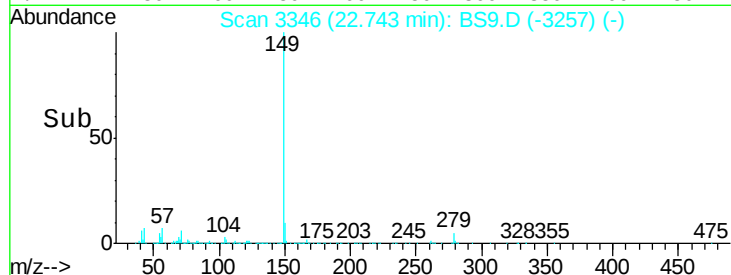
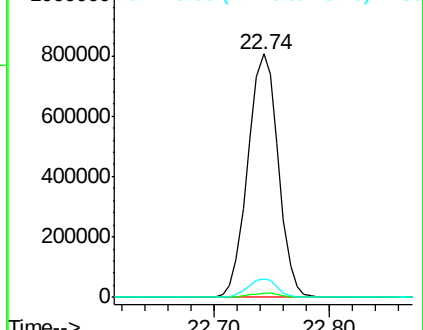
43 7.3 5.7 8.5



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): BS9



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.476 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

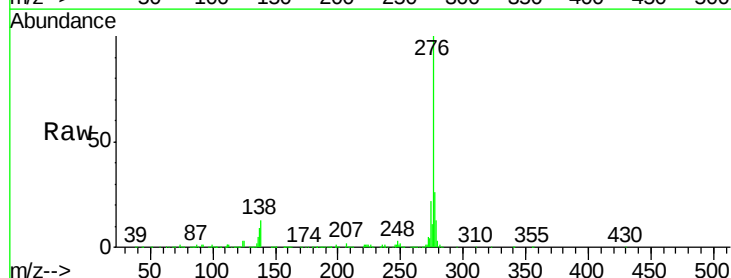
Tgt Ion:276 Resp: 1889587

Ion Ratio Lower Upper

276 100

138 9.3 9.6 14.4#

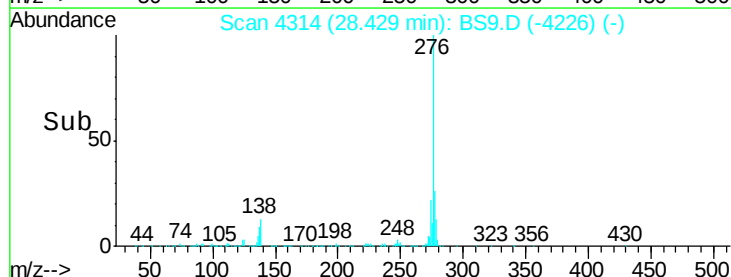
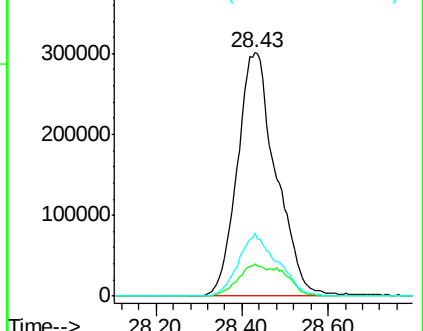
277 25.8 20.6 31.0

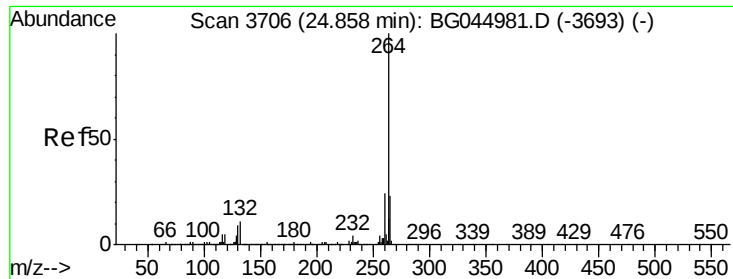


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Instrument :

BNA_G

ClientSampleId :

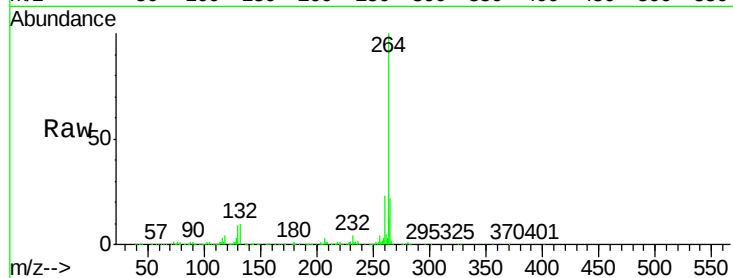
Tot Ion:264 Resp: 527454

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

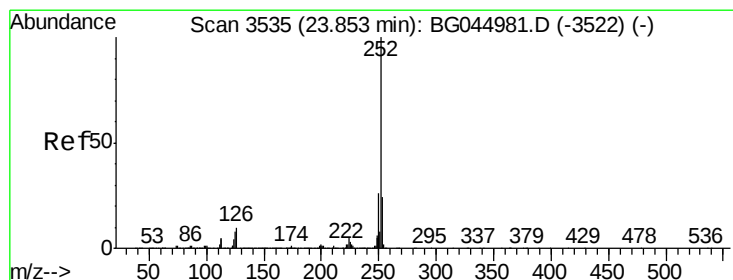
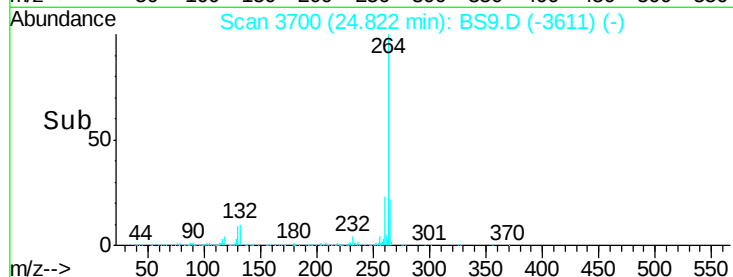
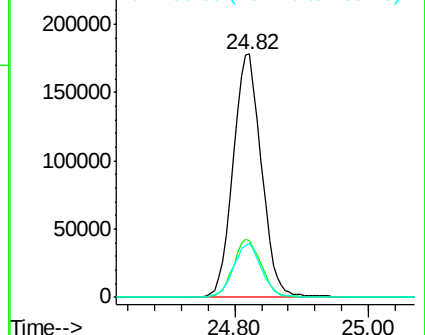
265 22.0 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.610 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

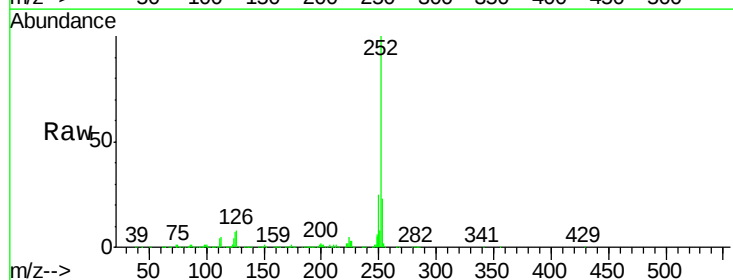
Tgt Ion:252 Resp: 1606058

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

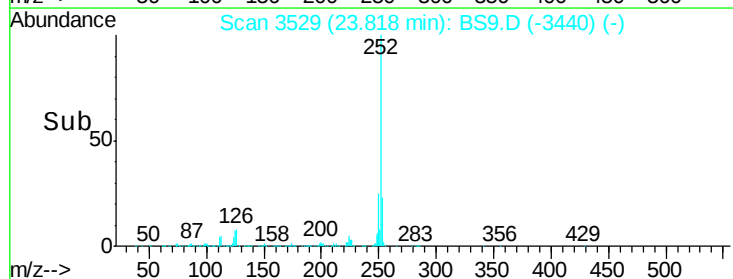
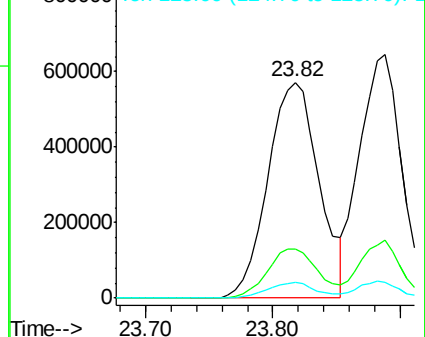
125 7.0 6.2 9.4

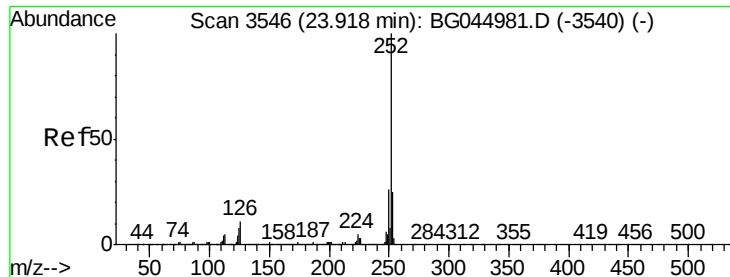


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

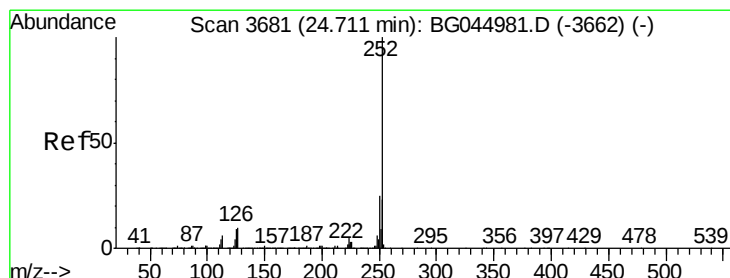
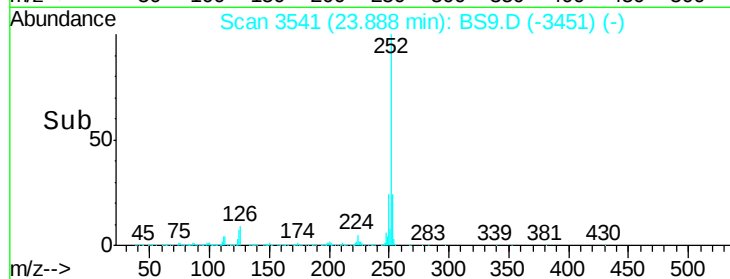
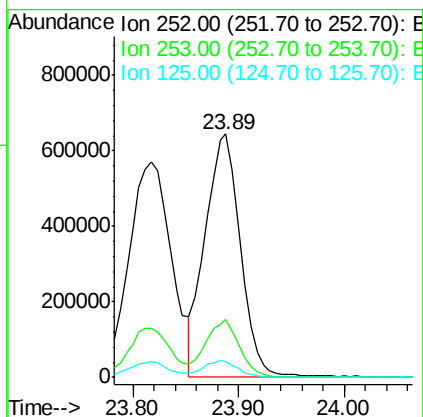
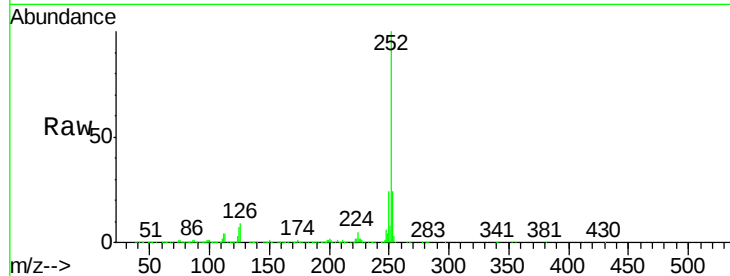




#89
Benzo(k)fluoranthene
Concen: 47.287 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

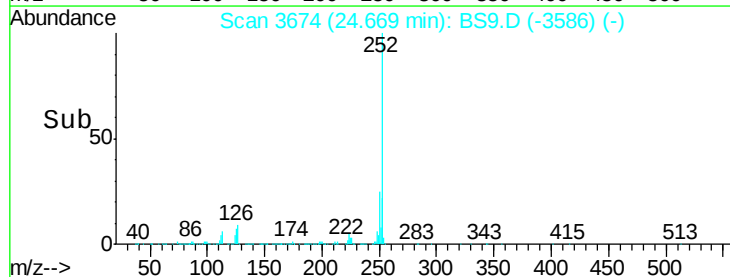
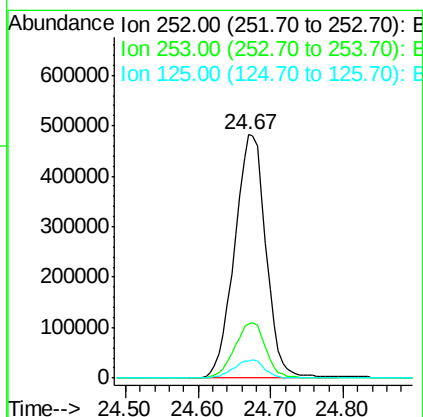
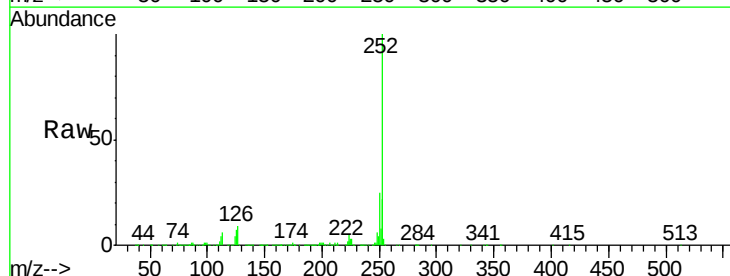
Instrument :
BNA_G
ClientSampleId :

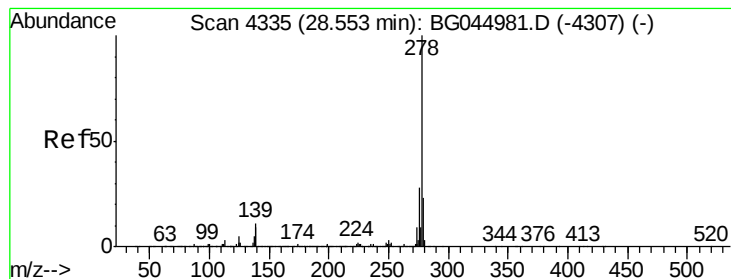
Tot Ion:252 Resp: 1485791
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 6.7 5.9 8.9



#90
Benzo(a)pyrene
Concen: 46.318 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BS9.D
Acq: 2 May 2020 5:39

Tgt Ion:252 Resp: 1444864
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 7.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.642 ng

RT: 28.49 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

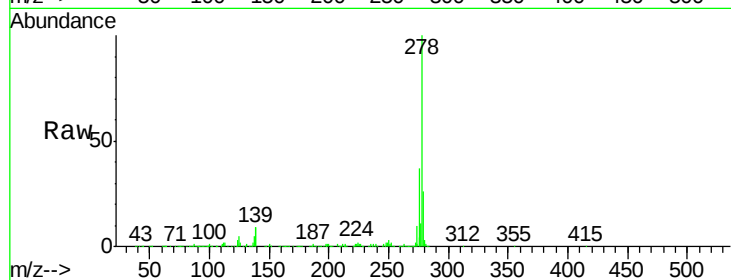
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1528974

Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.0	13.6
279	25.5	18.4	27.6

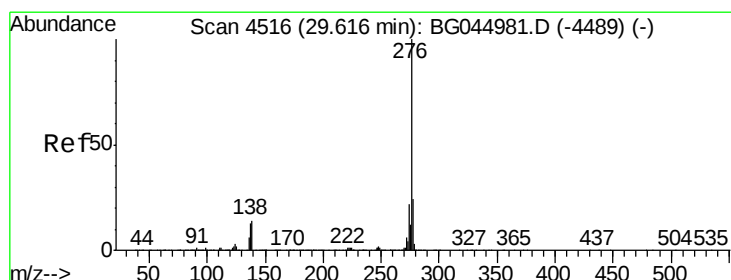
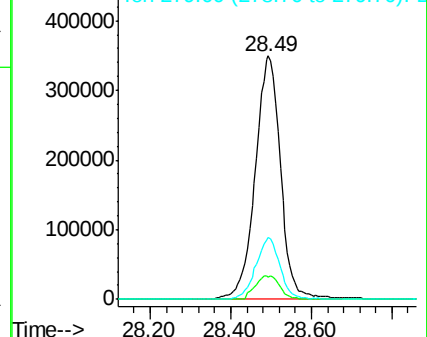
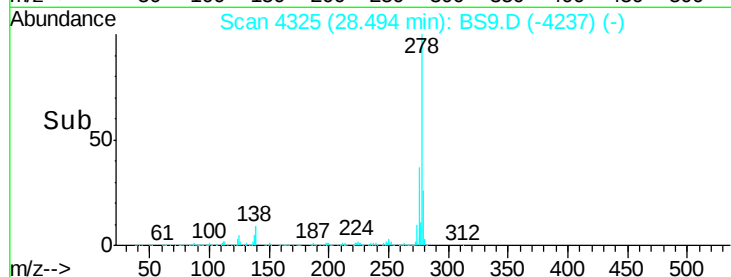


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.589 ng

RT: 29.55 min Scan# 4505

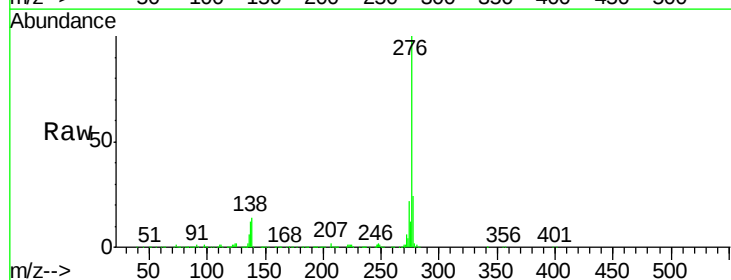
Delta R.T. -0.02 min

Lab File: BS9.D

Acq: 2 May 2020 5:39

Tgt Ion:276 Resp: 1531208

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	13.6	11.4	17.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

