

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BS4.D
 Acq On : 2 May 2020 2:19
 Operator : CG/JU
 Sample : BS
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 07:01:03 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	69670	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	288721	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	217406	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	518216	20.00	ng	0.00
76) Chrysene-d12	21.65	240	480706	20.00	ng	0.00
87) Perylene-d12	24.82	264	531568	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	623008	147.63	ng	0.00
7) Phenol-d6	7.16	99	872265	139.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	561352	88.71	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	460656	137.16	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1310088	88.36	ng	0.00
79) Terphenyl-d14	19.99	244	2197801	99.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	82558	44.021	ng	97
3) Pyridine	3.84	79	184355	31.926	ng	98
4) n-Nitrosodimethylamine	3.75	42	82174	46.454	ng	96
6) Aniline	7.31	93	313772	38.490	ng	99
8) 2-Chlorophenol	7.56	128	240711	53.074	ng	99
9) Benzaldehyde	7.12	77	184400	59.204	ng	95
10) Phenol	7.19	94	316146	50.389	ng	100
11) bis(2-Chloroethyl)ether	7.41	93	216021	43.244	ng	97
12) 1,3-Dichlorobenzene	7.88	146	249200	46.629	ng	95
13) 1,4-Dichlorobenzene	8.03	146	247454	46.468	ng	99
14) 1,2-Dichlorobenzene	8.35	146	231730	45.485	ng	96
15) Benzyl Alcohol	8.23	79	243814	46.381	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	196467	40.066	ng	97
17) 2-Methylphenol	8.44	107	212241	43.844	ng	94
18) Hexachloroethane	9.08	117	93377	46.643	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	194005	43.753	ng	96
20) 3+4-Methylphenols	8.76	107	302699	44.674	ng	96
22) Acetophenone	8.81	105	362081	46.375	ng	# 98
24) Nitrobenzene	9.19	77	296525	45.717	ng	94
25) Isophorone	9.72	82	554036	42.756	ng	97
26) 2-Nitrophenol	9.91	139	135204	48.394	ng	94
27) 2,4-Dimethylphenol	9.97	122	226618	51.120	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	309270	45.425	ng	99
29) 2,4-Dichlorophenol	10.45	162	255908	49.994	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	269996	46.587	ng	97
31) Naphthalene	10.85	128	730726	46.265	ng	98
32) Benzoic acid	10.13	122	155670	44.071	ng	97
33) 4-Chloroaniline	10.95	127	150974	20.496	ng	97
34) Hexachlorobutadiene	11.14	225	183906	46.283	ng	98
35) Caprolactam	11.73	113	56890	27.925	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	296936	49.381	ng	97
37) 2-Methylnaphthalene	12.46	142	563797	45.989	ng	96
38) 1-Methylnaphthalene	12.67	142	546699	47.238	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	322049	46.008	ng	99

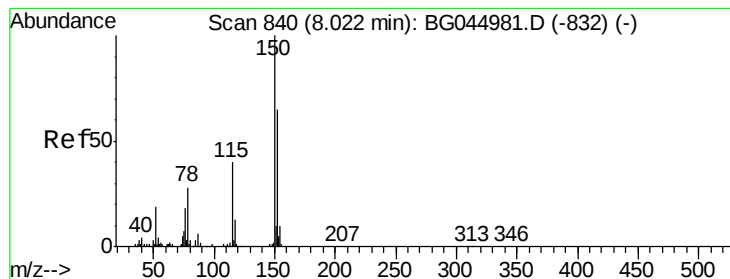
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BS4.D
 Acq On : 2 May 2020 2:19
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Quant Time: May 02 07:01:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	423519	96.803	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	233046	47.173	nq	96
44) 2,4,5-Trichlorophenol	13.14	196	252800	44.956	nq	99
46) 1,1'-Biphenyl	13.47	154	737301	44.619	nq	100
47) 2-Chloronaphthalene	13.51	162	568941	45.060	nq	99
48) 2-Nitroaniline	13.70	65	186293	44.844	nq	99
49) Acenaphthylene	14.36	152	954634	46.417	nq	99
50) Dimethylphthalate	14.08	163	776749	43.879	nq	98
51) 2,6-Dinitrotoluene	14.20	165	183273	46.287	nq	98
52) Acenaphthene	14.70	154	586037	42.115	nq	99
53) 3-Nitroaniline	14.53	138	120461	27.739	nq	# 94
54) 2,4-Dinitrophenol	14.74	184	227746	96.731	nq	90
55) Dibenzofuran	15.03	168	921122	45.404	nq	98
56) 4-Nitrophenol	14.85	139	300347	89.201	nq	95
57) 2,4-Dinitrotoluene	14.99	165	254361	43.959	nq	99
58) Fluorene	15.68	166	767613	46.323	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	249640	49.893	nq	98
60) Diethylphthalate	15.45	149	805719	43.656	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	429583	45.039	nq	99
62) 4-Nitroaniline	15.70	138	180231	40.014	nq	93
63) Azobenzene	15.97	77	763363	44.861	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	169500	49.761	nq	98
66) n-Nitrosodiphenylamine	15.89	169	686429	46.102	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	299385	44.782	nq	97
68) Hexachlorobenzene	16.69	284	322129	46.459	nq	99
69) Atrazine	16.84	200	265117	49.272	nq	98
70) Pentachlorophenol	17.03	266	402391	94.603	nq	97
71) Phenanthrene	17.42	178	1233128	46.306	nq	99
72) Anthracene	17.52	178	1259992	47.169	nq	99
73) Carbazole	17.78	167	1151289	42.471	nq	100
74) Di-n-butylphthalate	18.34	149	1370717	46.678	nq	99
75) Fluoranthene	19.43	202	1542720	49.969	nq	100
77) Benzidine	19.61	184	756508	55.758	nq	97
78) Pyrene	19.79	202	1509560	45.551	nq	99
80) Butylbenzylphthalate	20.68	149	615530	44.808	nq	99
81) Benzo(a)anthracene	21.63	228	1460557	46.878	nq	100
82) 3,3'-Dichlorobenzidine	21.55	252	456943	36.847	nq	96
83) Chrysene	21.69	228	1395813	46.627	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	864306	45.747	nq	100
85) Di-n-octyl phthalate	22.74	149	1489463	45.590	nq	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	1923123	48.386	nq	# 97
88) Benzo(b)fluoranthene	23.82	252	1607315	48.272	nq	98
89) Benzo(k)fluoranthene	23.89	252	1520087	48.004	nq	99
90) Benzo(a)pyrene	24.68	252	1449265	46.100	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	1529125	48.271	nq	97
92) Benzo(g,h,i)perylene	29.55	276	1580295	49.759	nq	98

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

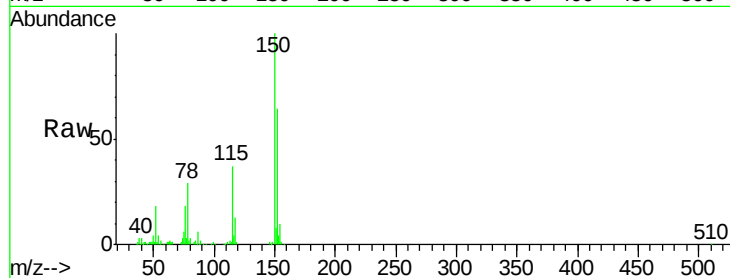


#1

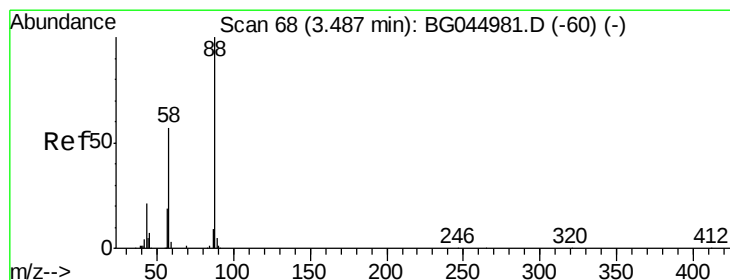
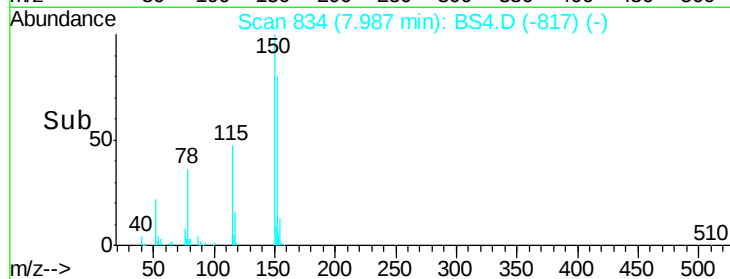
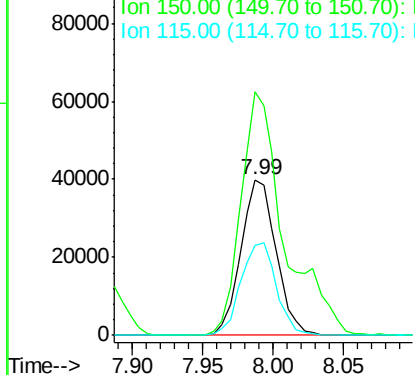
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 69670
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.6 185.4
 115 58.0 49.1 73.7



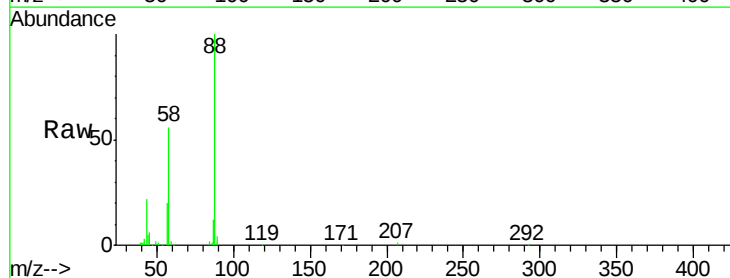
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



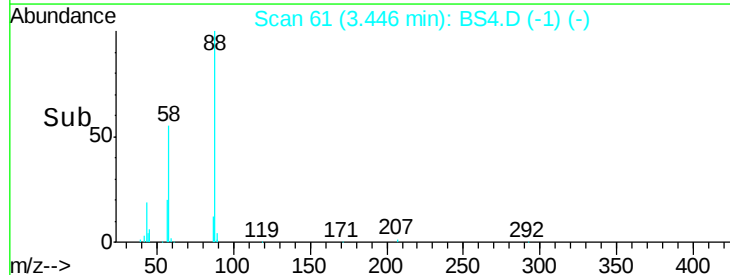
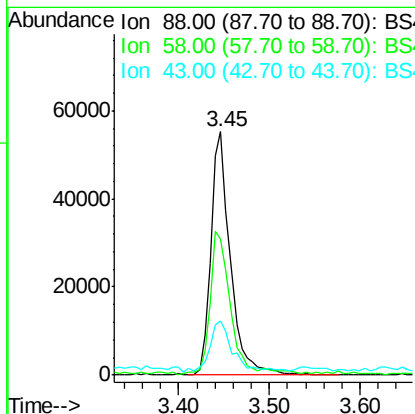
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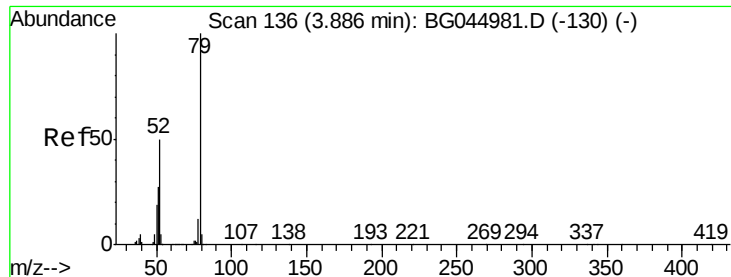
1,4-Dioxane
 Concen: 44.021 ng
 RT: 3.45 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion: 88 Resp: 82558
 Ion Ratio Lower Upper
 88 100
 58 60.3 46.6 69.8
 43 24.4 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BS4
 Ion 58.00 (57.70 to 58.70): BS4
 Ion 43.00 (42.70 to 43.70): BS4





#3

Pvridine

Concen: 31.926 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

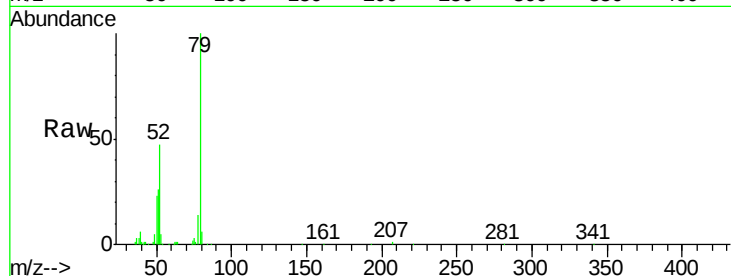
Tot Ion: 79 Resp: 184355

Ion Ratio Lower Upper

79 100

52 47.3 39.8 59.6

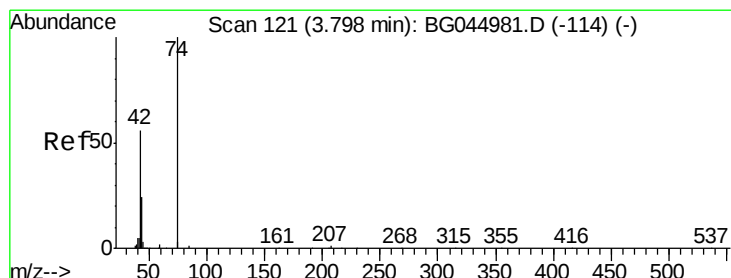
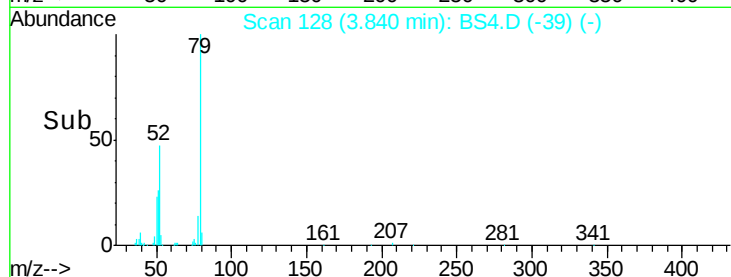
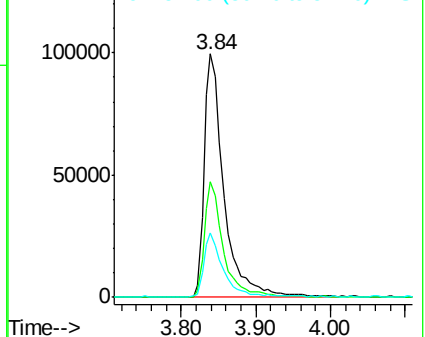
51 26.4 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BS4

Ion 52.00 (51.70 to 52.70): BS4

Ion 51.00 (50.70 to 51.70): BS4



#4

n-Nitrosodimethylamine

Concen: 46.454 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

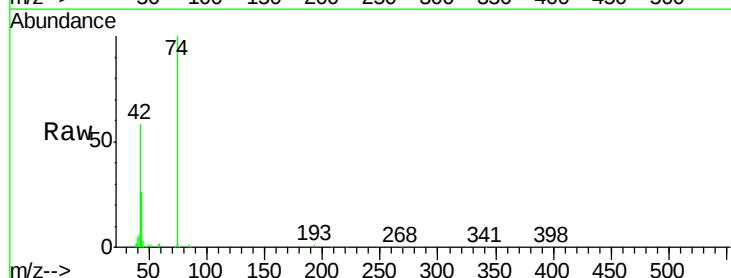
Tgt Ion: 42 Resp: 82174

Ion Ratio Lower Upper

42 100

74 172.6 143.0 214.6

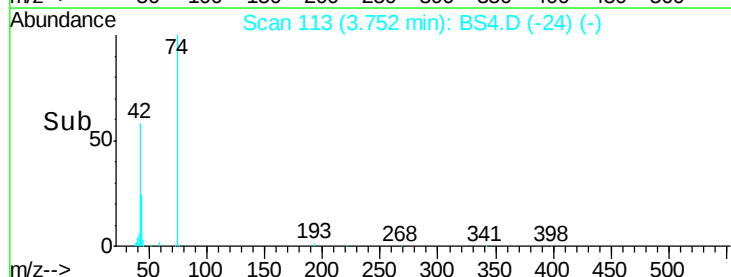
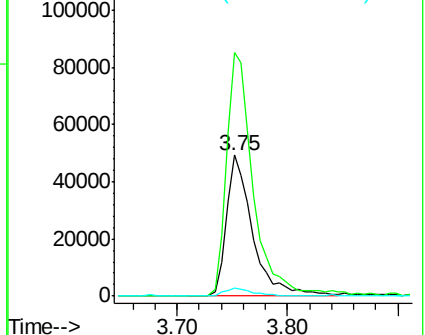
44 6.0 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BS4

Ion 74.00 (73.70 to 74.70): BS4

Ion 44.00 (43.70 to 44.70): BS4





#5

2-Fluorophenol

Concen: 147.632 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampled :

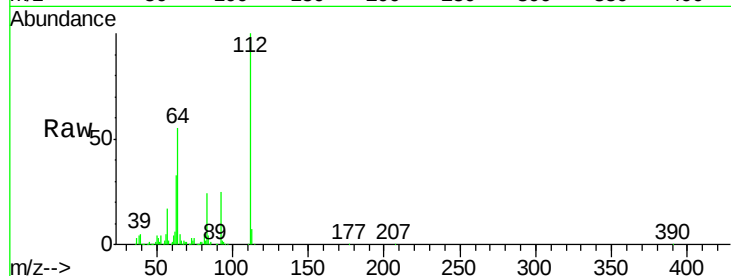
Tot Ion:112 Resp: 623008

Ion Ratio Lower Upper

112 100

64 55.3 42.4 63.6

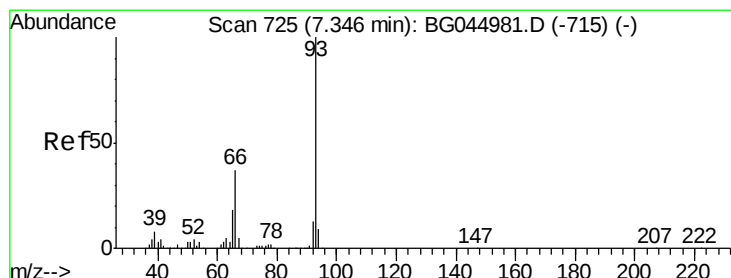
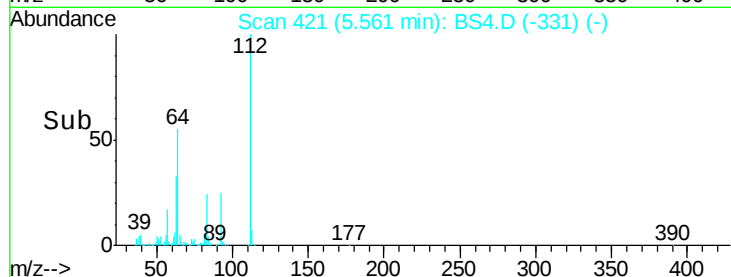
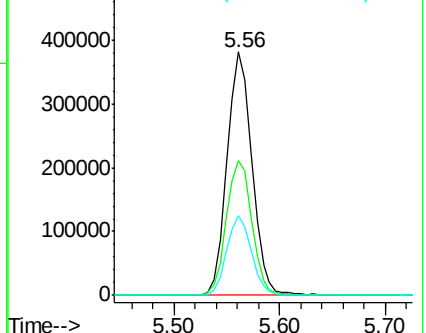
63 32.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BS4

Ion 63.00 (62.70 to 63.70): BS4



#6

Aniline

Concen: 38.490 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

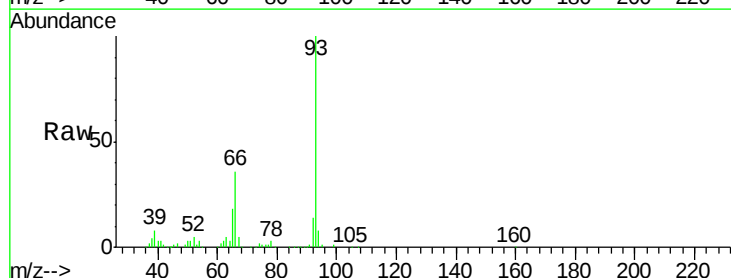
Tgt Ion: 93 Resp: 313772

Ion Ratio Lower Upper

93 100

66 36.3 29.8 44.8

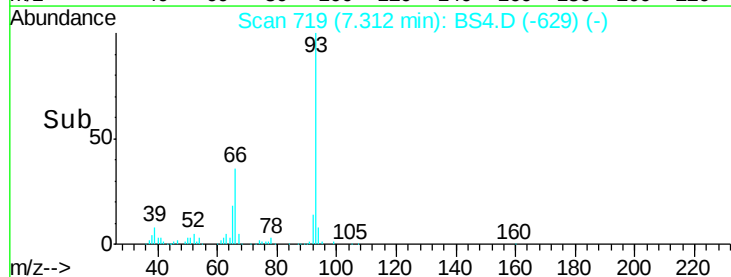
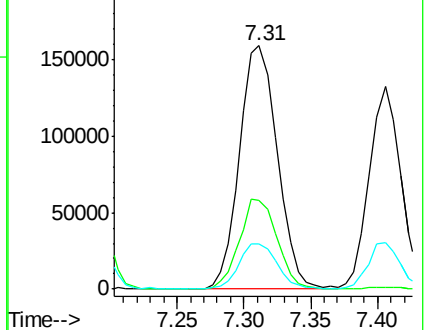
65 18.4 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BS4

Ion 66.00 (65.70 to 66.70): BS4

Ion 65.00 (64.70 to 65.70): BS4





#7

Phenol-d6

Concen: 139.120 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

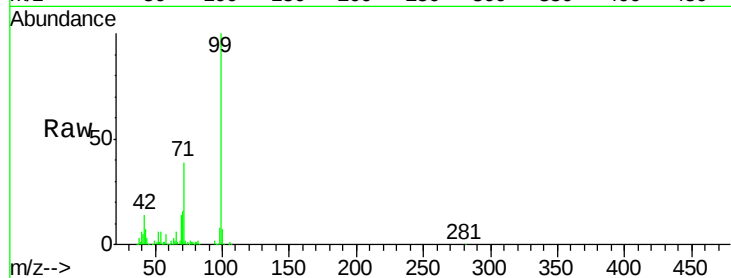
Tot Ion: 99 Resp: 872265

Ion Ratio Lower Upper

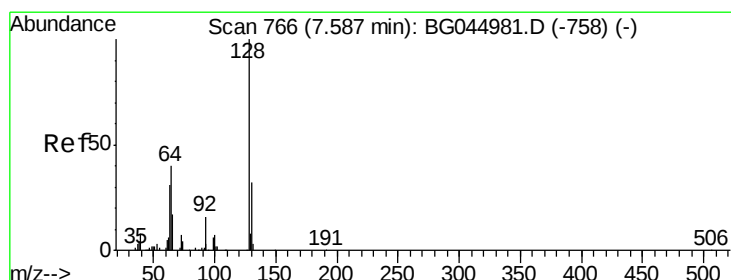
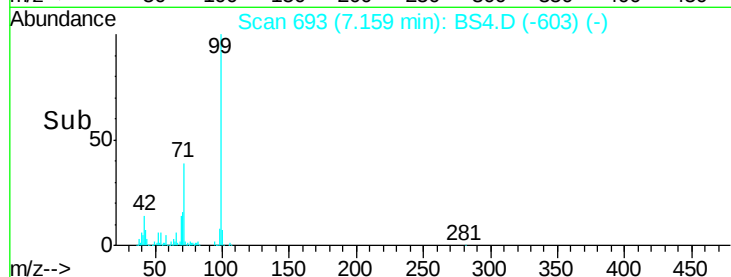
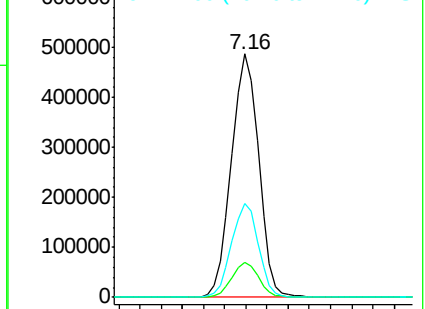
99 100

42 14.1 11.3 16.9

71 38.7 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BS4
Ion 42.00 (41.70 to 42.70): BS4
Ion 71.00 (70.70 to 71.70): BS4



#8

2-Chlorophenol

Concen: 53.074 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

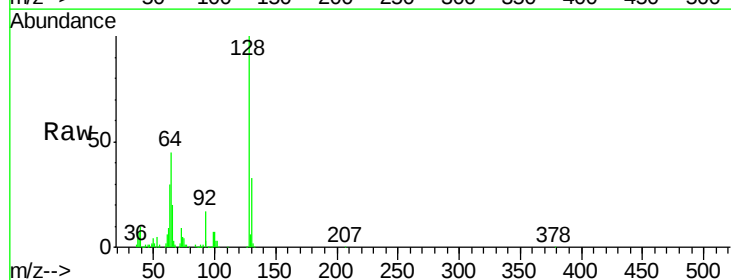
Tgt Ion: 128 Resp: 240711

Ion Ratio Lower Upper

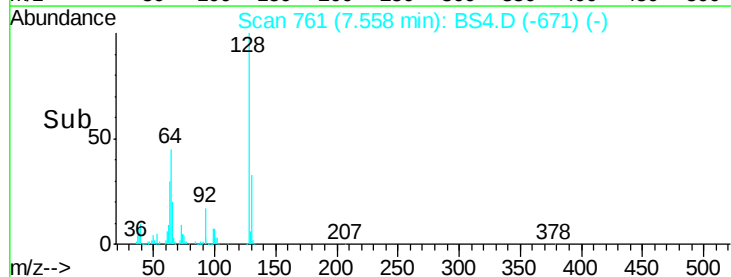
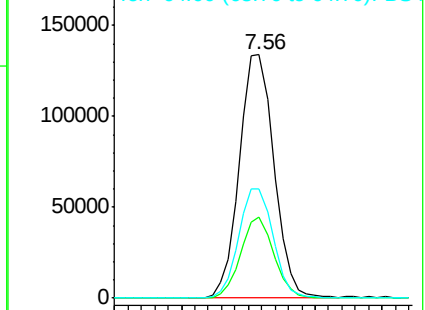
128 100

130 33.1 12.3 52.3

64 44.6 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): BS4
Ion 130.00 (129.70 to 130.70): BS4
Ion 64.00 (63.70 to 64.70): BS4





#9

Benzaldehyde

Concen: 59.204 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampled :

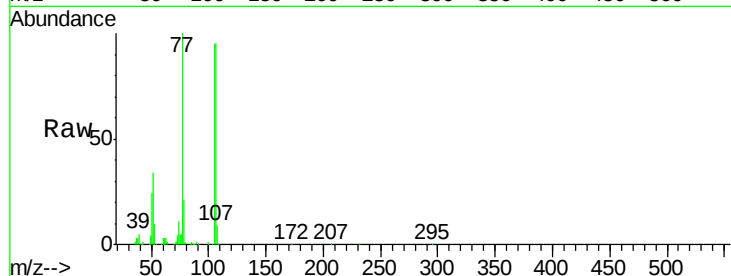
Tot Ion: 77 Resp: 184400

Ion Ratio Lower Upper

77 100

105 94.6 72.9 112.9

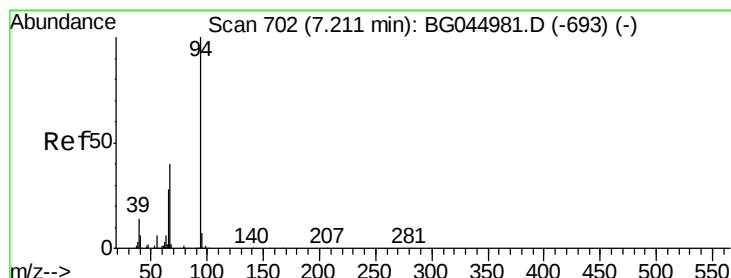
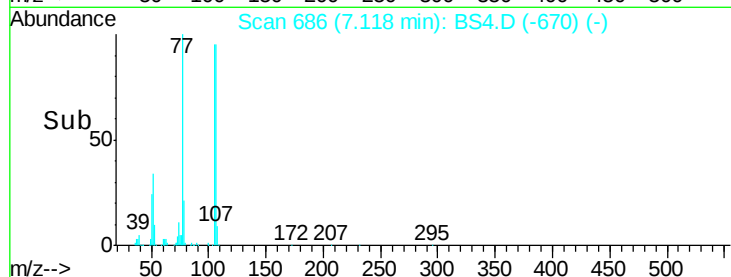
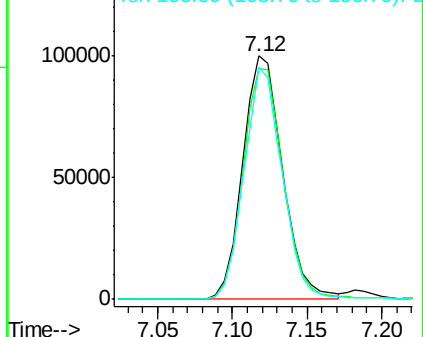
106 95.1 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BS4

Ion 105.00 (104.70 to 105.70): BS4

Ion 106.00 (105.70 to 106.70): BS4



#10

Phenol

Concen: 50.389 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

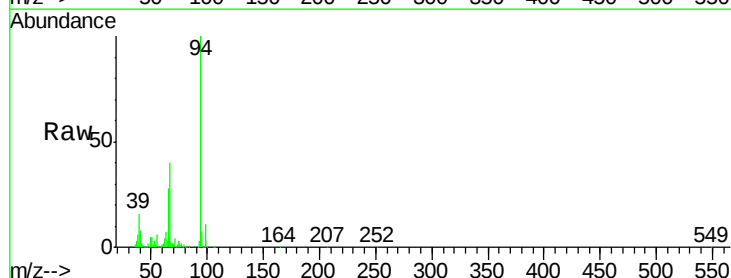
Tgt Ion: 94 Resp: 316146

Ion Ratio Lower Upper

94 100

65 28.2 8.2 48.2

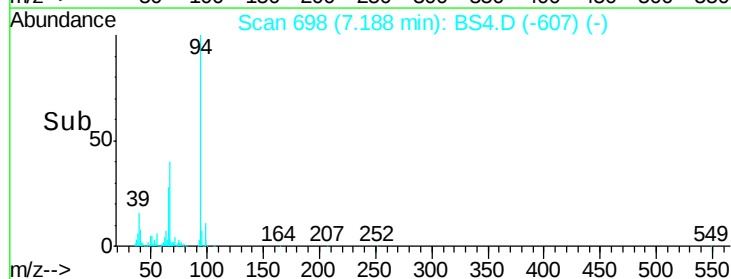
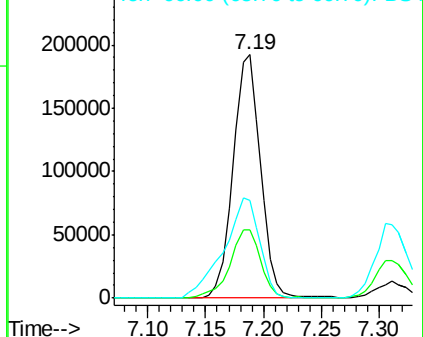
66 40.2 20.4 60.4

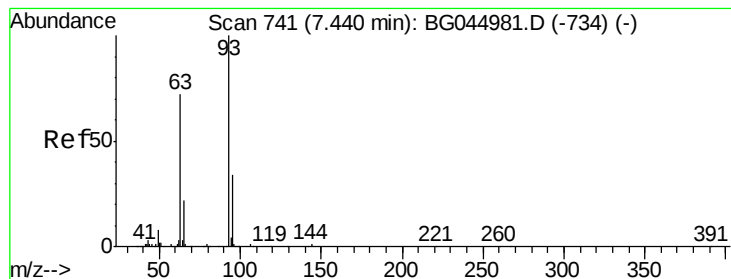


Abundance Ion 94.00 (93.70 to 94.70): BS4

Ion 65.00 (64.70 to 65.70): BS4

Ion 66.00 (65.70 to 66.70): BS4





#11

bis(2-Chloroethyl)ether

Concen: 43.244 ng

RT: 7.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

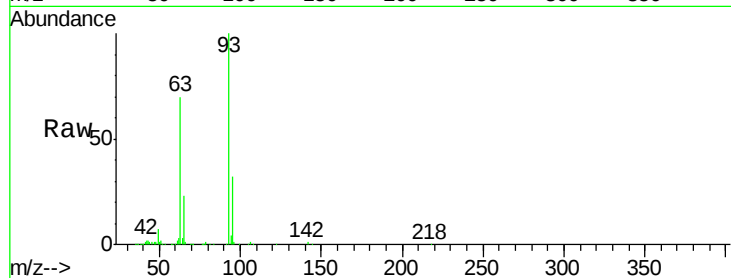
Tot Ion: 93 Resp: 216021

Ion Ratio Lower Upper

93 100

63 69.9 51.8 91.8

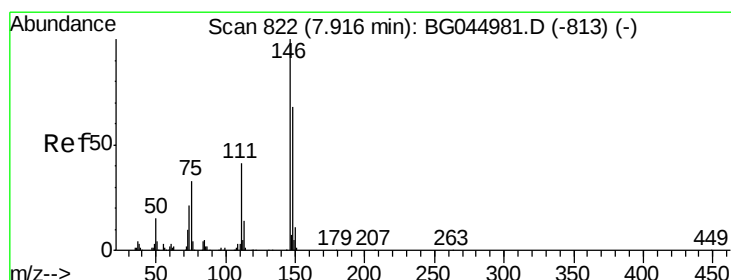
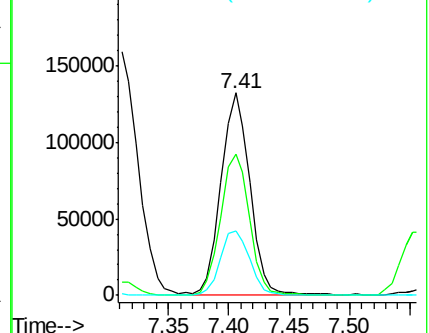
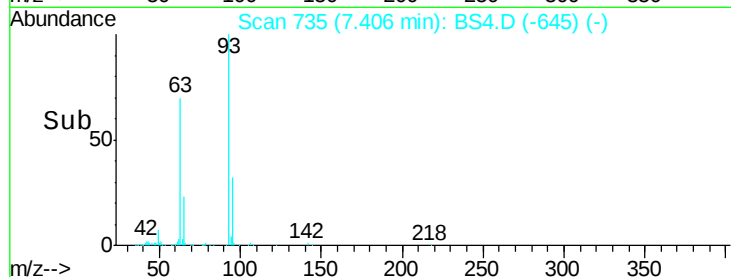
95 32.1 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BS4

Ion 63.00 (62.70 to 63.70): BS4

Ion 95.00 (94.70 to 95.70): BS4



#12

1,3-Dichlorobenzene

Concen: 46.629 ng

RT: 7.88 min Scan# 816

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

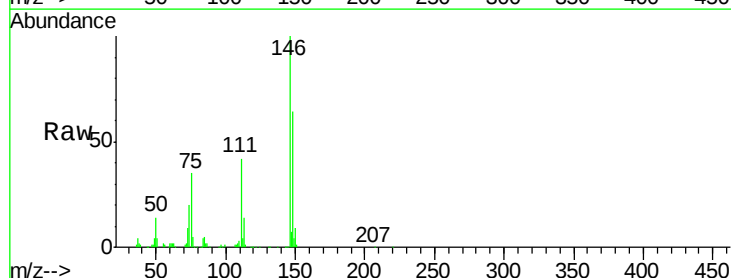
Tgt Ion: 146 Resp: 249200

Ion Ratio Lower Upper

146 100

148 63.7 54.6 81.8

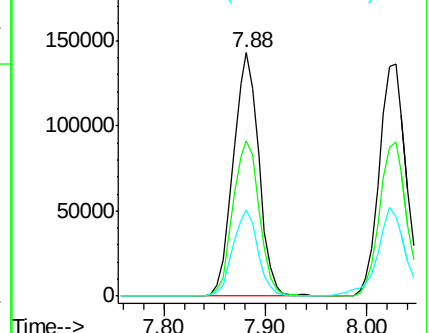
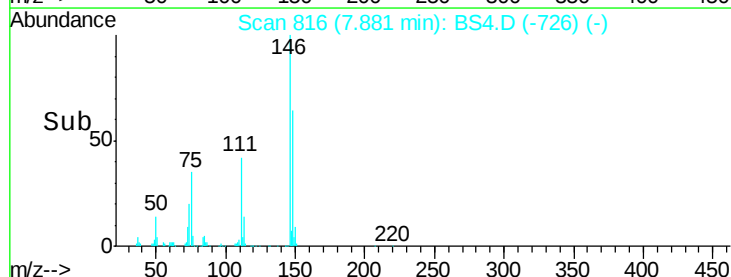
75 35.2 26.0 39.0

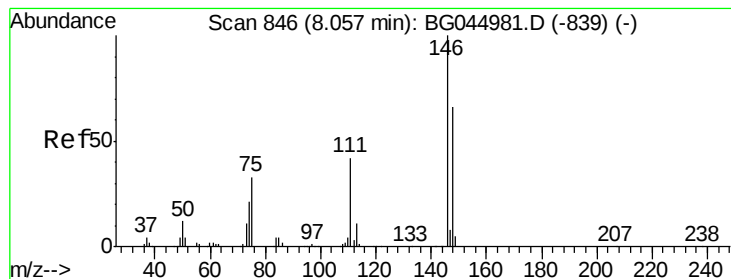


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BS4





#13

1,4-Dichlorobenzene

Concen: 46.468 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

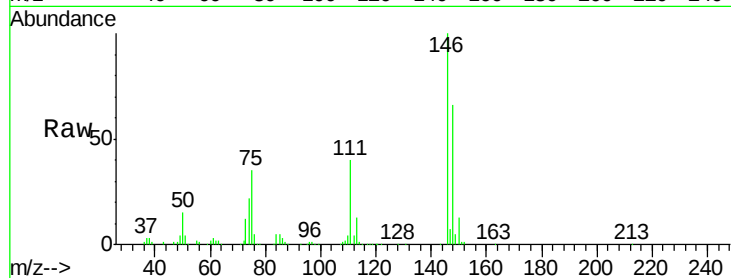
Tot Ion:146 Resp: 247454

Ion Ratio Lower Upper

146 100

148 66.4 53.3 79.9

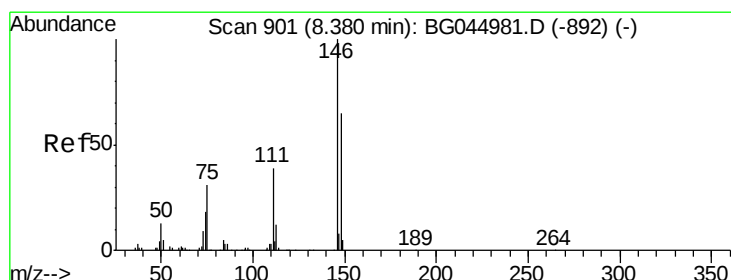
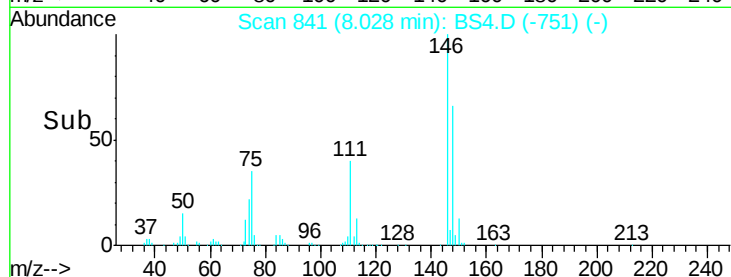
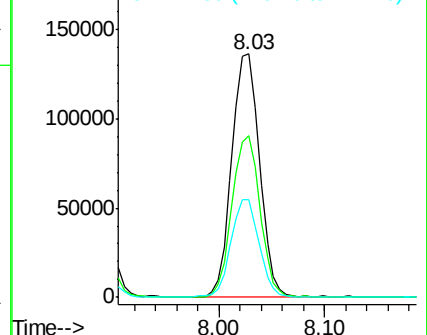
111 40.2 33.8 50.8



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: 45.485 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

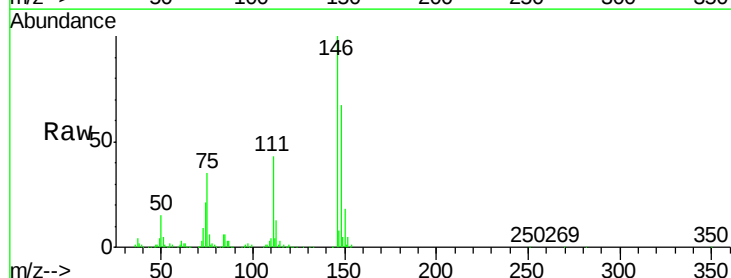
Tgt Ion:146 Resp: 231730

Ion Ratio Lower Upper

146 100

148 67.0 51.9 77.9

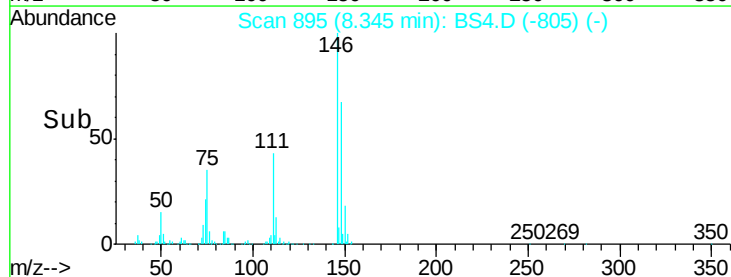
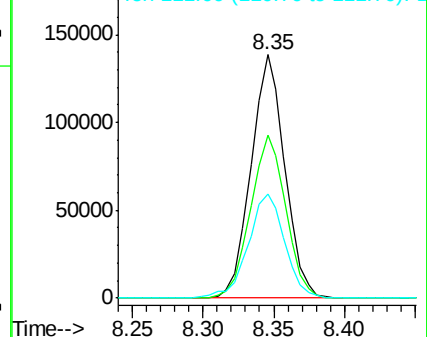
111 42.6 31.3 46.9

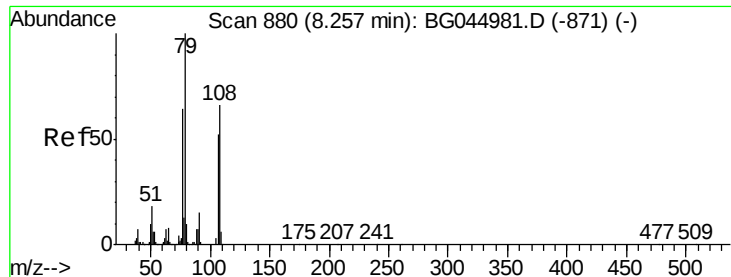


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

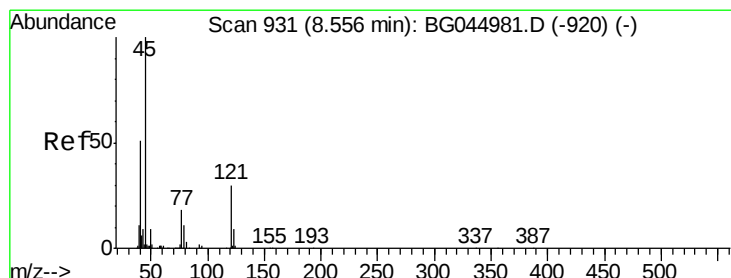
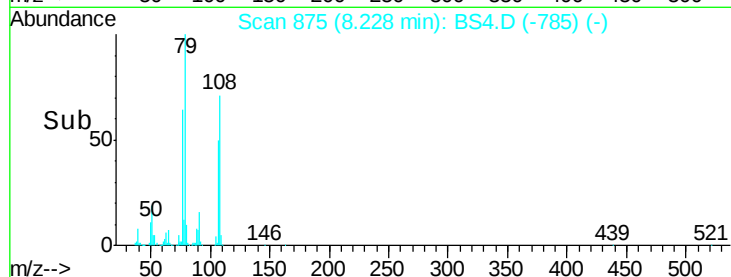
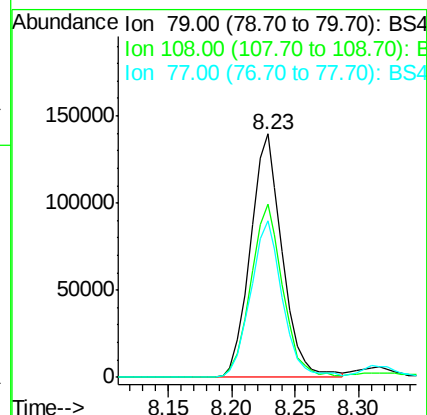
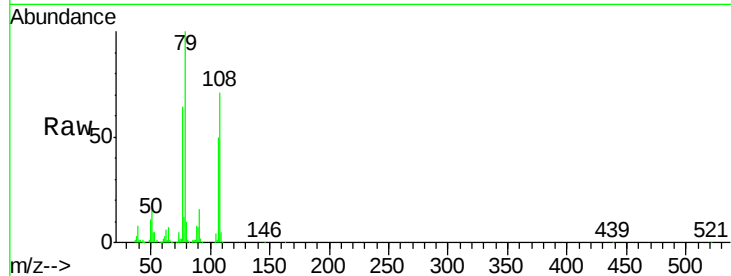




#15
Benzyl Alcohol
Concen: 46.381 ng
RT: 8.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

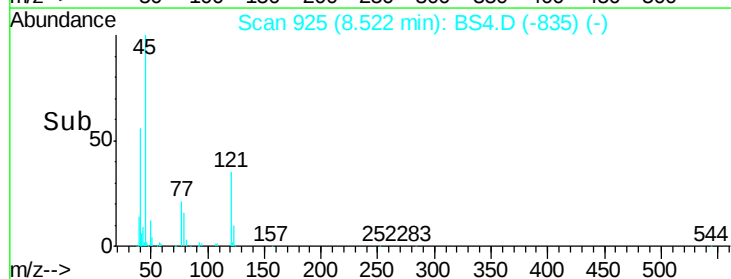
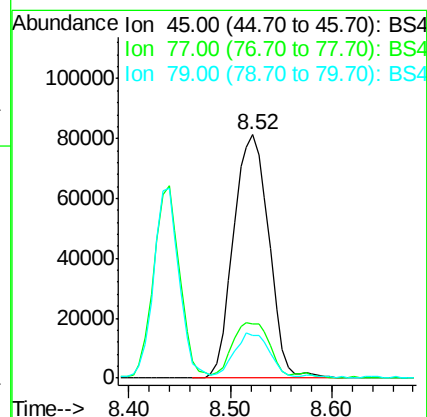
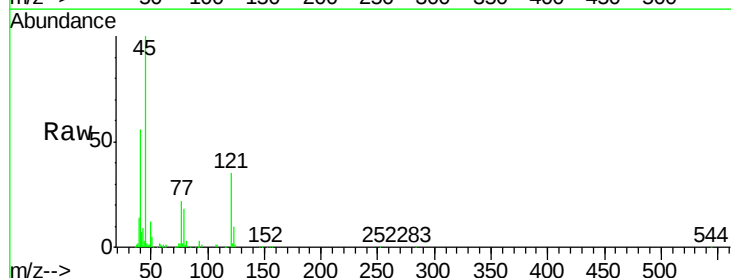
Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 243814
Ion Ratio Lower Upper
79 100
108 71.3 52.7 79.1
77 64.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.066 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion: 45 Resp: 196467
Ion Ratio Lower Upper
45 100
77 22.3 1.9 41.9
79 17.6 0.0 35.5





#17

2-Methylphenol

Concen: 43.844 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 212241

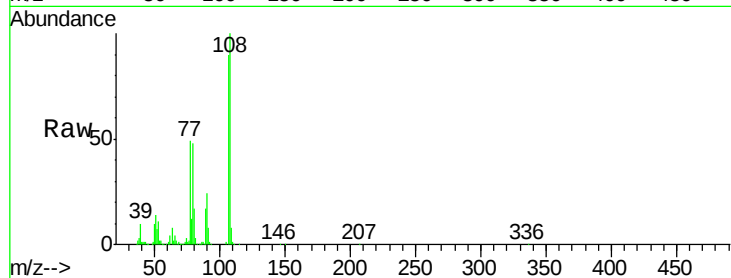
Ion Ratio Lower Upper

107 100

108 111.6 93.8 140.6

77 54.2 38.5 57.7

79 53.5 40.1 60.1

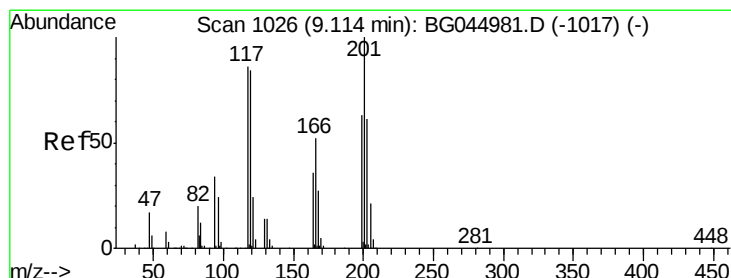
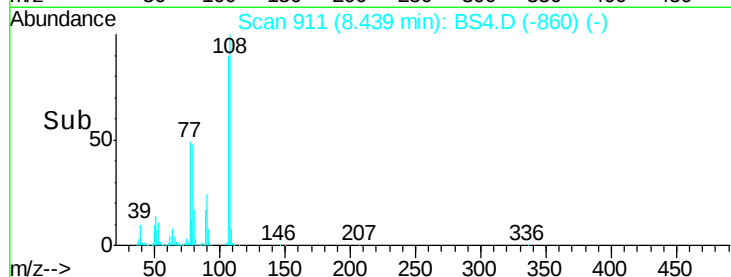
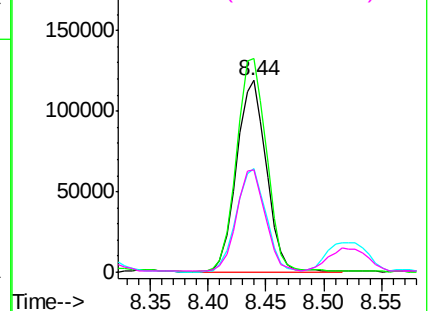


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BS4

Ion 79.00 (78.70 to 79.70): BS4



#18

Hexachloroethane

Concen: 46.643 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

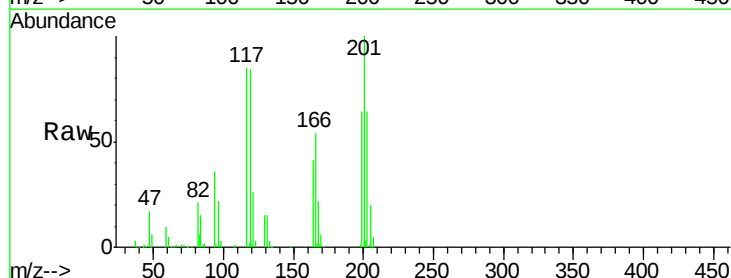
Tgt Ion:117 Resp: 93377

Ion Ratio Lower Upper

117 100

119 98.5 78.3 117.5

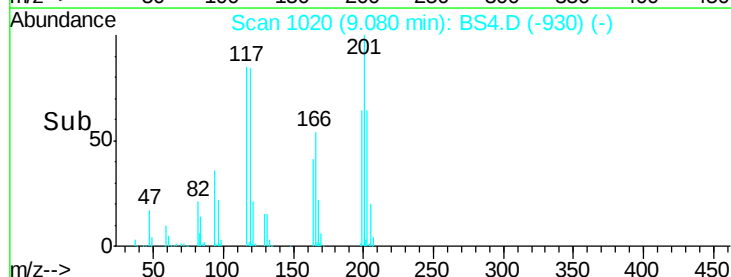
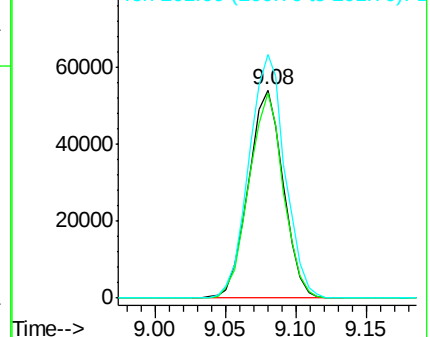
201 117.2 92.9 139.3

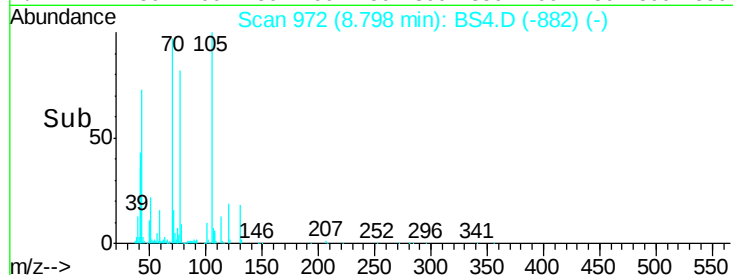
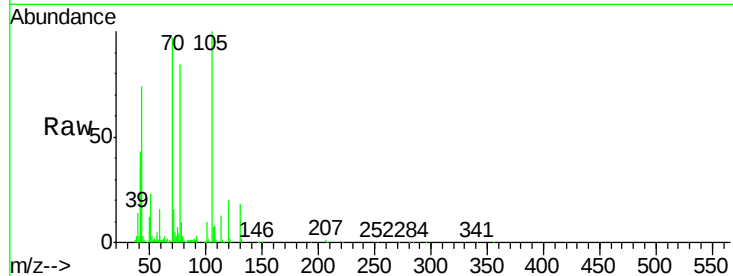


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

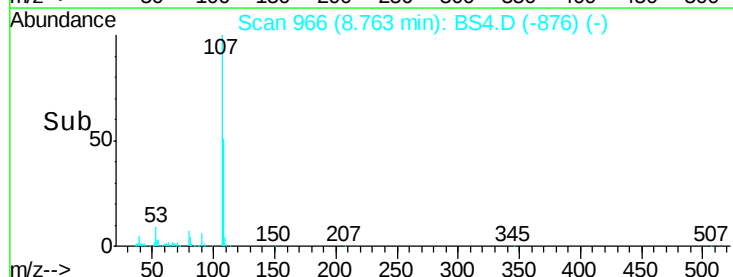
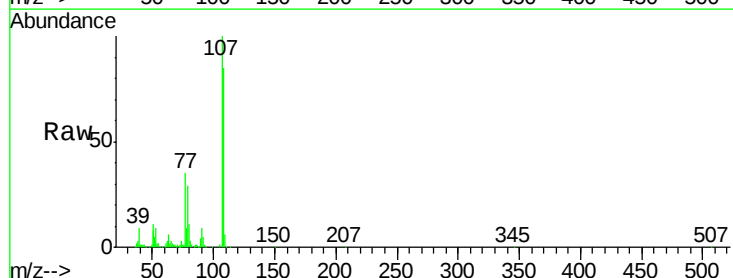
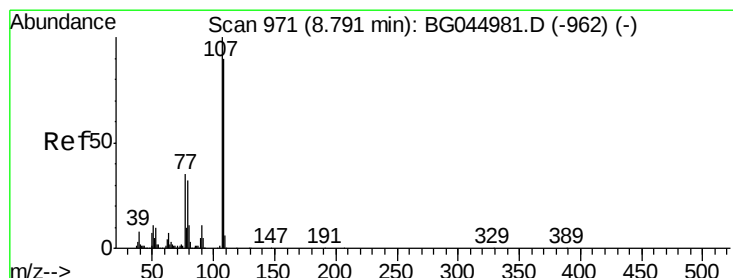
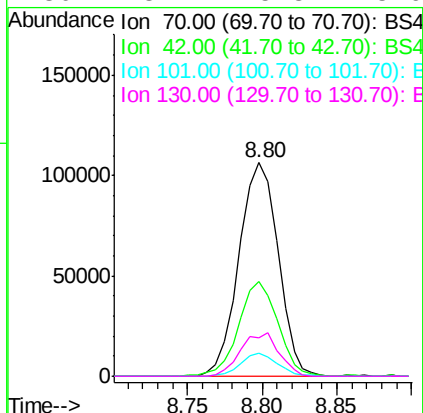




#19
n-Nitroso-di-n-propylamine
Concen: 43.753 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

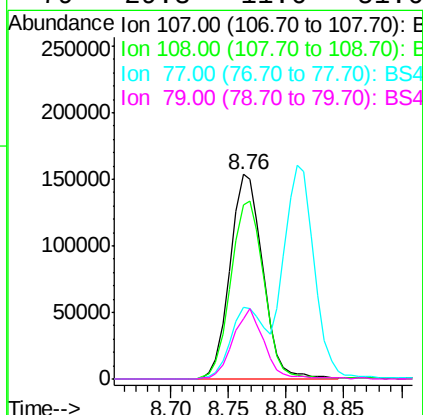
Instrument :
BNA_G
ClientSampleId :

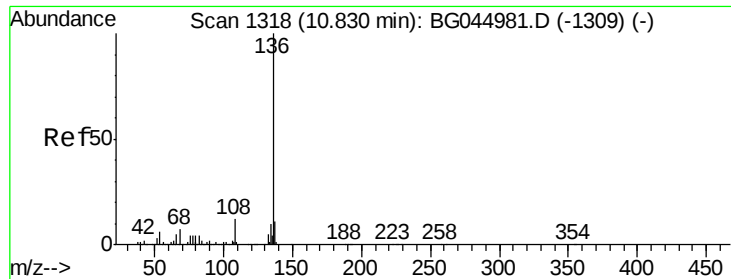
Tot Ion:	70	Resp:	194005
Ion	Ratio	Lower	Upper
70	100		
42	44.3	33.3	49.9
101	10.8	7.8	11.8
130	18.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 44.674 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:	107	Resp:	302699
Ion	Ratio	Lower	Upper
107	100		
108	84.9	69.9	109.9
77	35.1	15.2	55.2
79	29.3	11.6	51.6

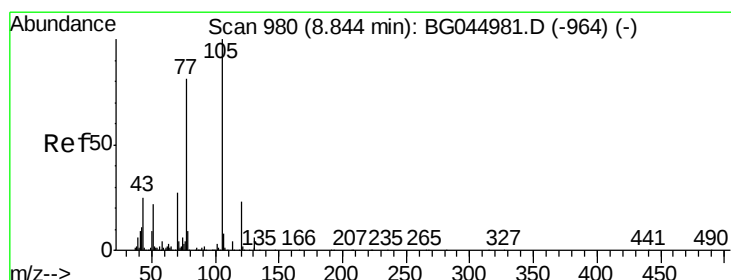
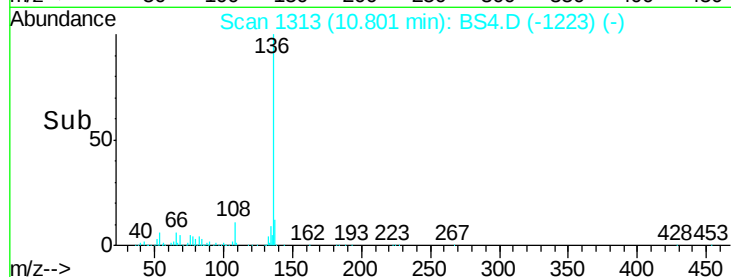
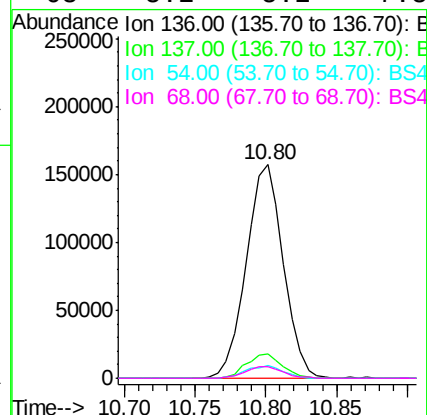
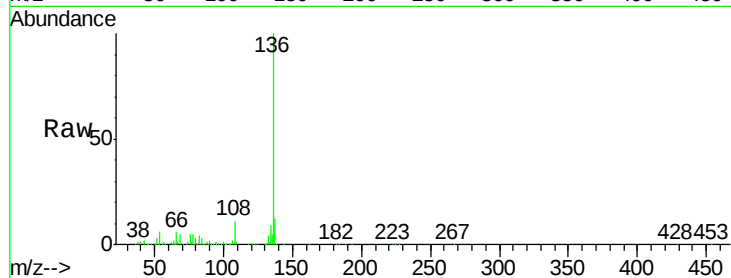




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

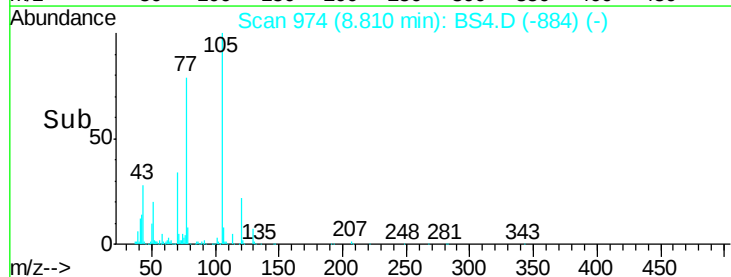
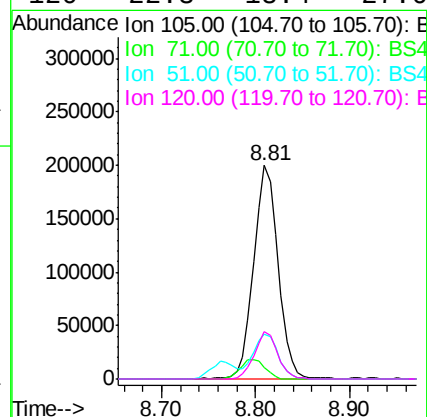
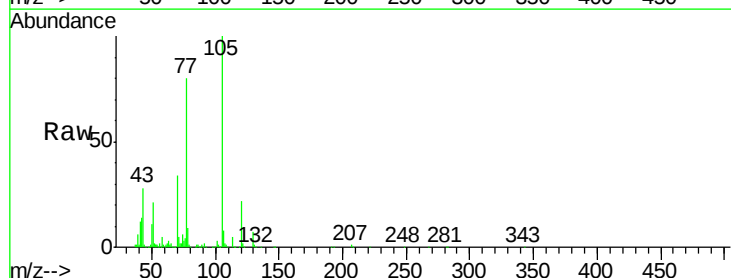
Instrument :
BNA_G
ClientSampleId :

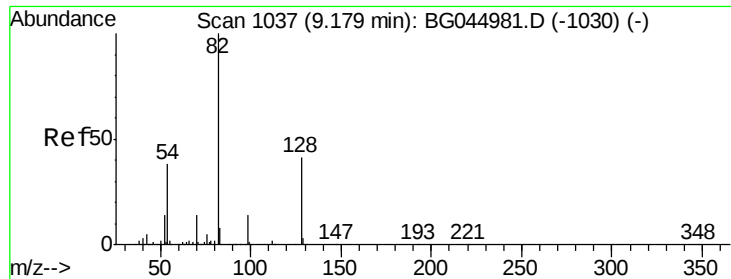
Tot Ion:136	Resp:	288721
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 13.0
54	5.9	4.8 7.2
68	5.2	5.2 7.8#



#22
Acetophenone
Concen: 46.375 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:105	Resp:	362081
Ion Ratio	Lower	Upper
105	100	
71	5.3	3.3 4.9#
51	20.7	17.3 25.9
120	22.3	18.4 27.6

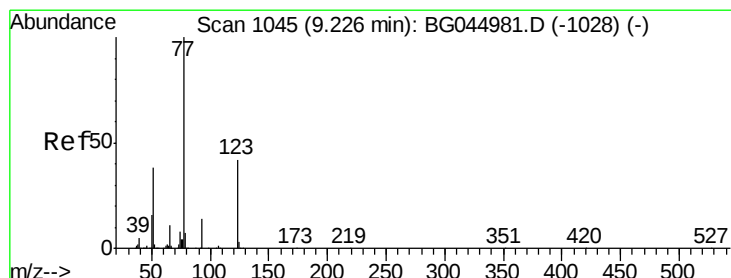
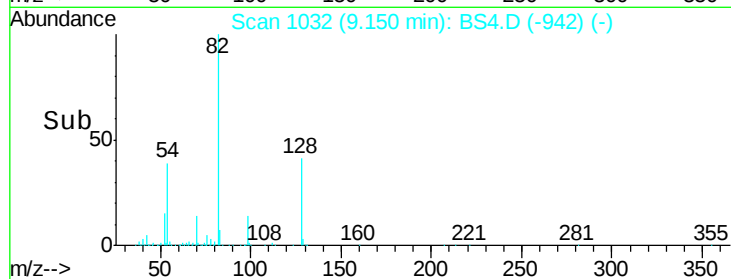
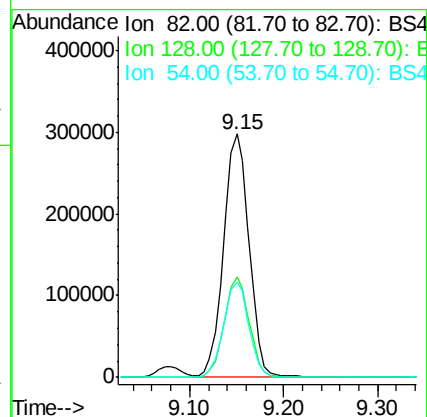
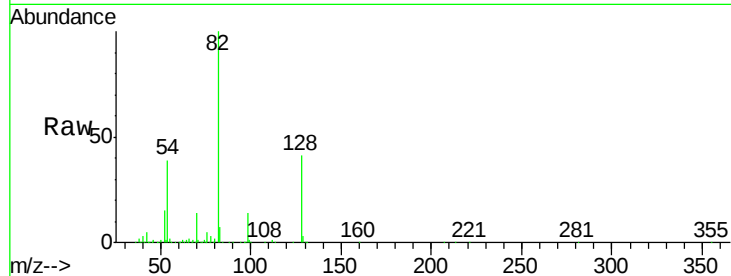




#23
Nitrobenzene-d5
Concen: 88.715 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

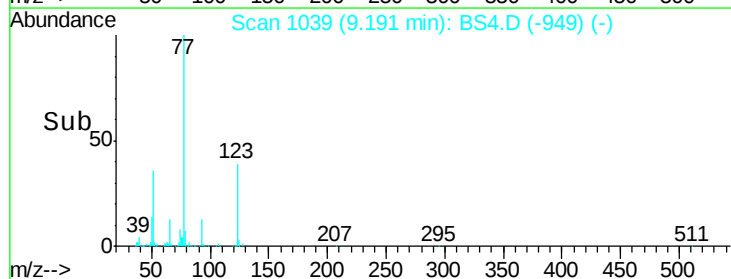
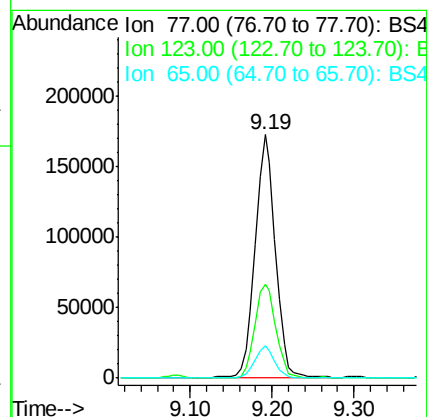
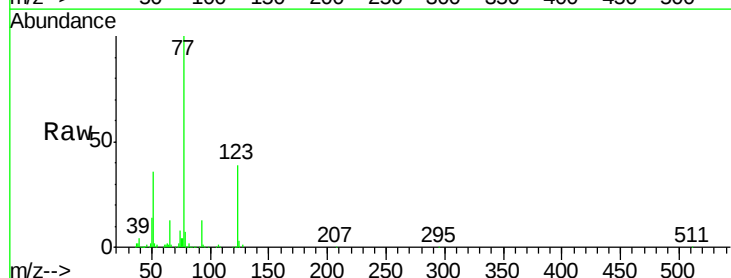
Instrument :
BNA_G
ClientSampleId :

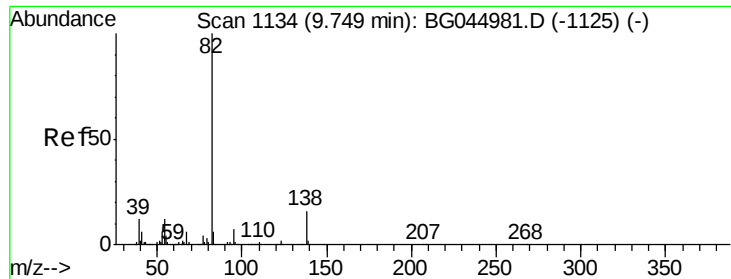
Tot Ion	82	Resp	561352
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.0	30.4	45.6



#24
Nitrobenzene
Concen: 45.717 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion	77	Resp	296525
Ion	Ratio	Lower	Upper
77	100		
123	38.7	34.3	51.5
65	13.2	8.9	13.3





#25

Isophorone

Concen: 42.756 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

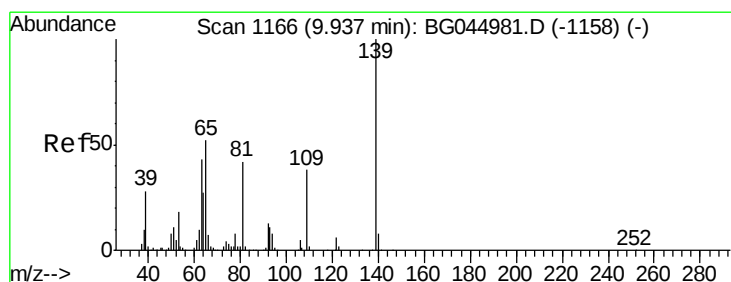
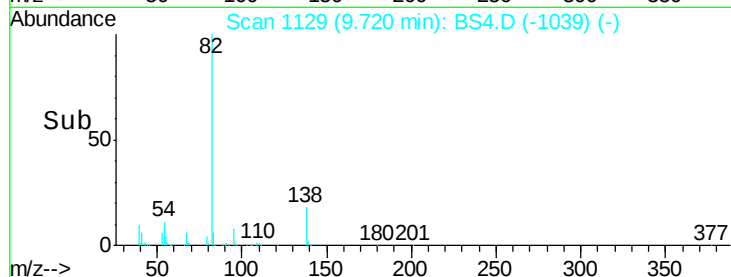
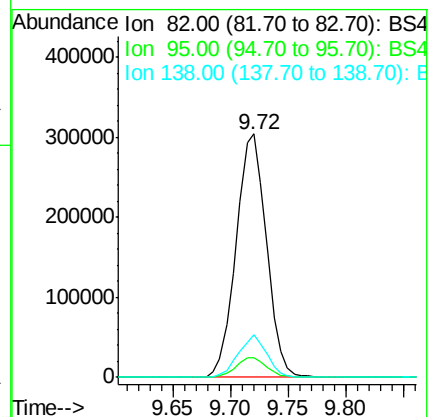
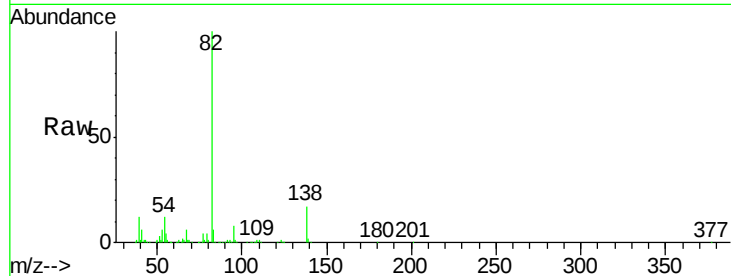
Tot Ion: 82 Resp: 554036

Ion Ratio Lower Upper

82 100

95 8.1 6.0 9.0

138 17.4 12.7 19.1



#26

2-Nitrophenol

Concen: 48.394 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

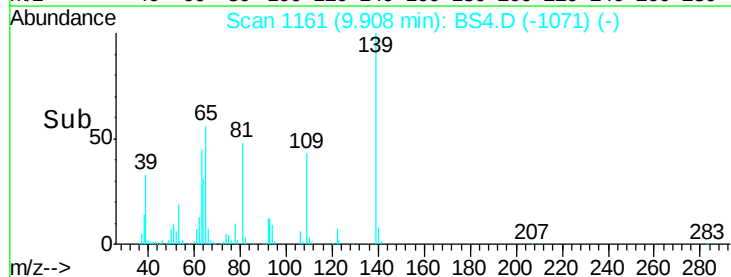
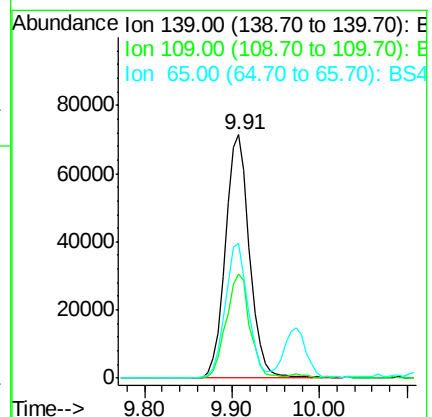
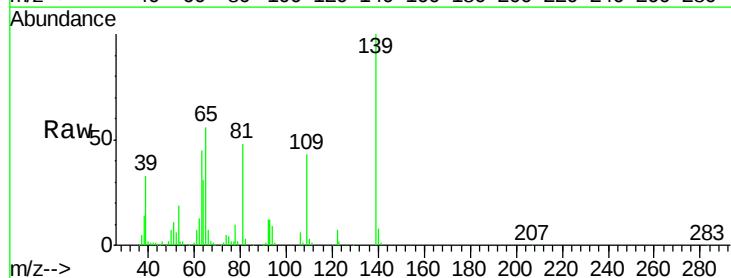
Tgt Ion: 139 Resp: 135204

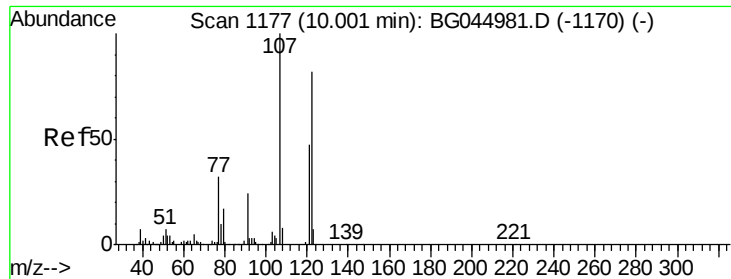
Ion Ratio Lower Upper

139 100

109 42.8 30.6 45.8

65 55.6 41.8 62.6

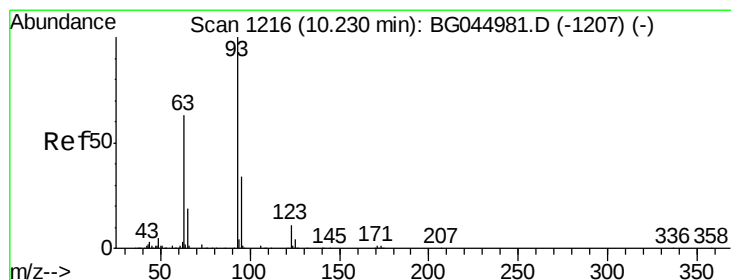
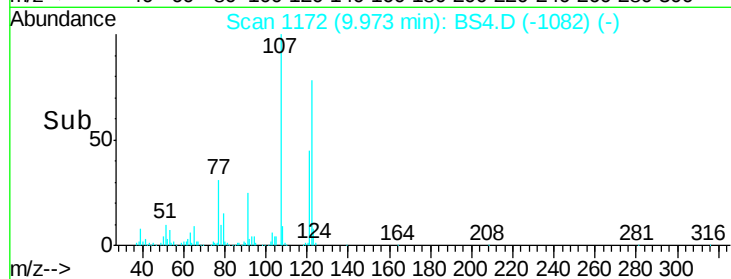
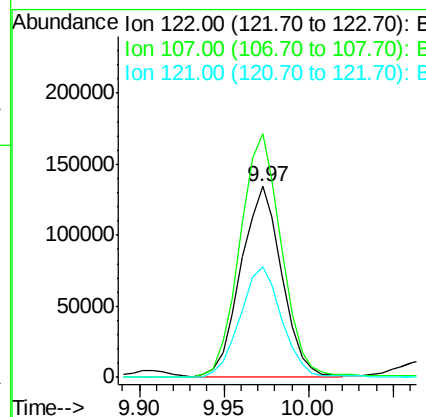
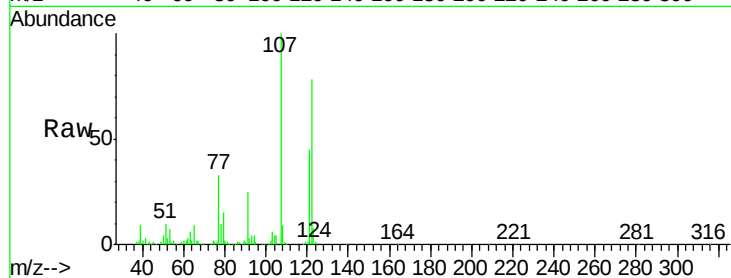




#27
 2,4-Dimethylphenol
 Concen: 51.120 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

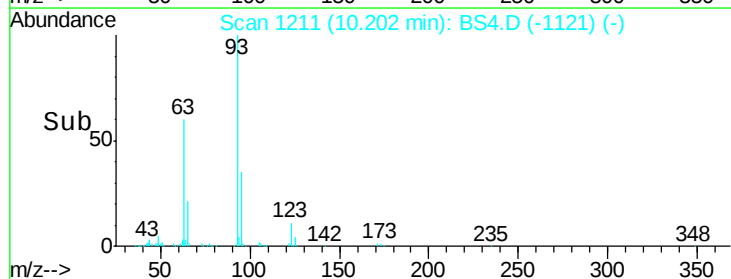
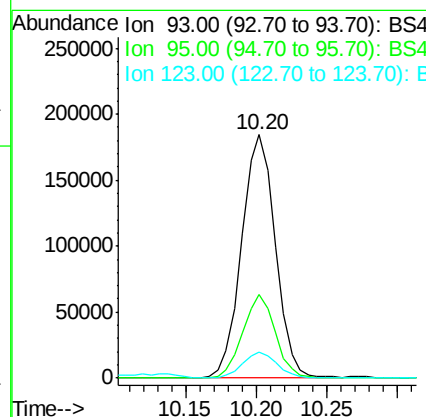
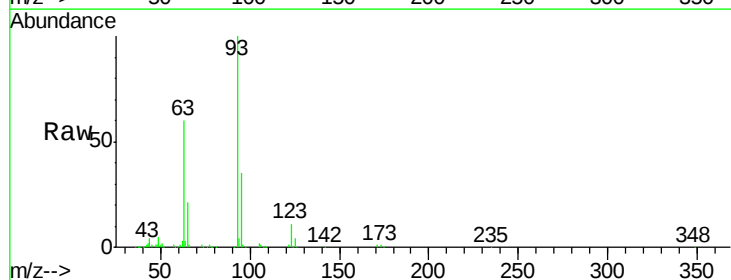
Instrument :
 BNA_G
 ClientSampleId :

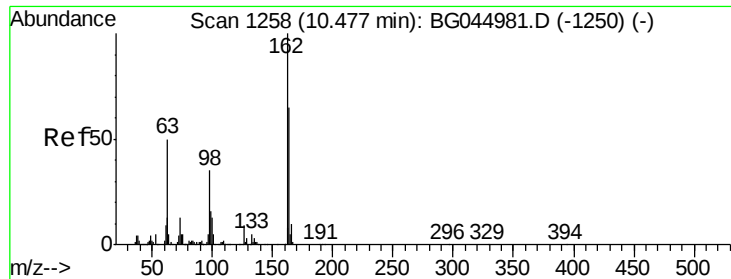
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	96.8	145.2
121	57.7	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.425 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	27.0	40.4
123	10.5	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 49.994 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

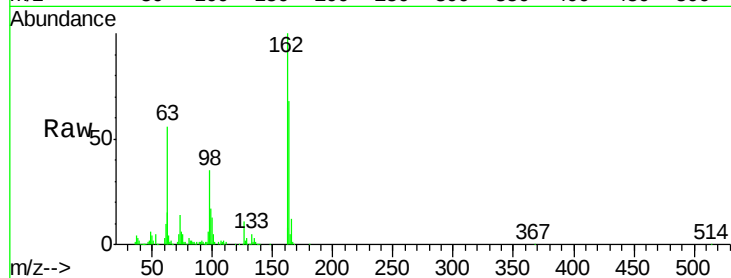
Tot Ion:162 Resp: 255908

Ion Ratio Lower Upper

162 100

164 67.8 45.0 85.0

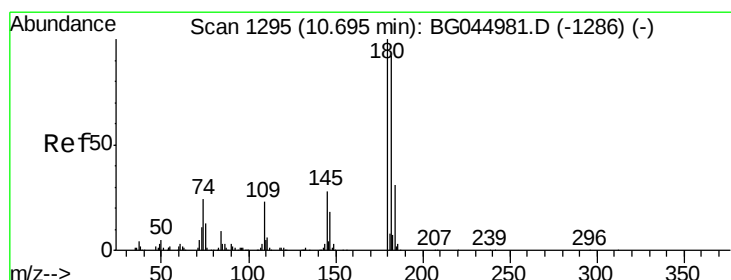
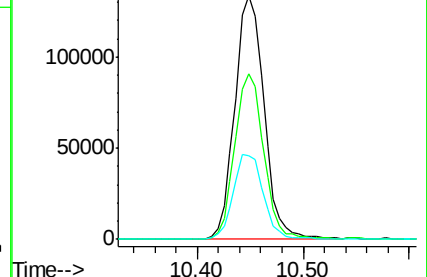
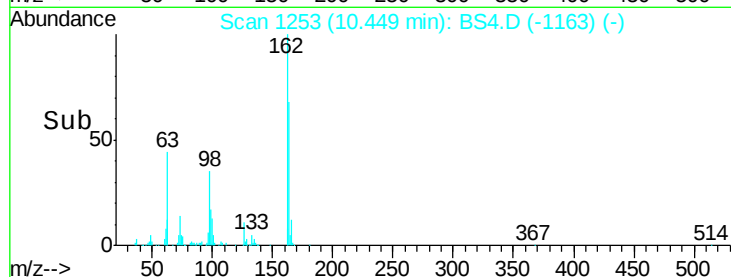
98 34.5 15.2 55.2



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): BS4



#30

1,2,4-Trichlorobenzene

Concen: 46.587 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

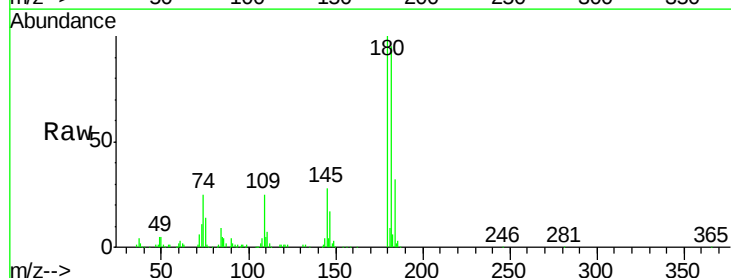
Tgt Ion:180 Resp: 269996

Ion Ratio Lower Upper

180 100

182 94.9 73.3 109.9

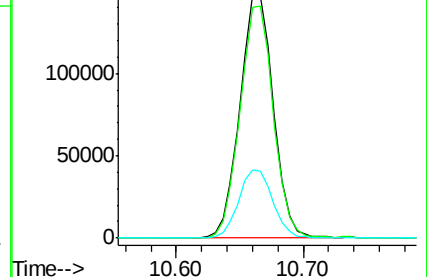
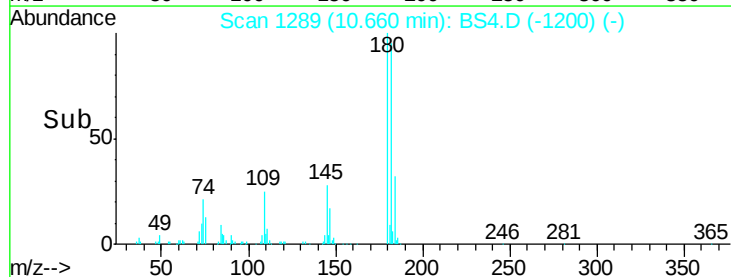
145 27.9 22.6 33.8

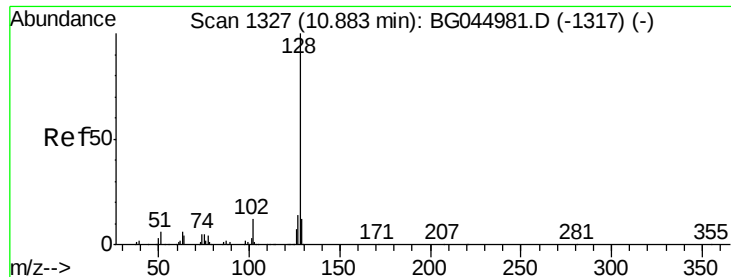


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

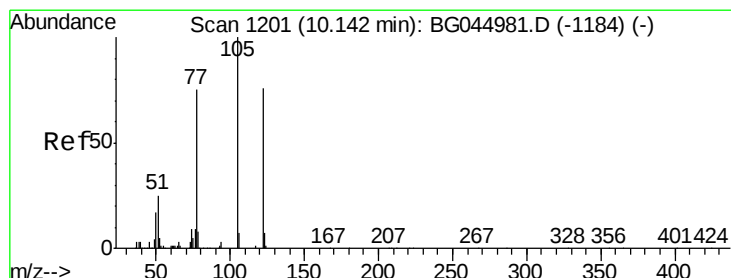
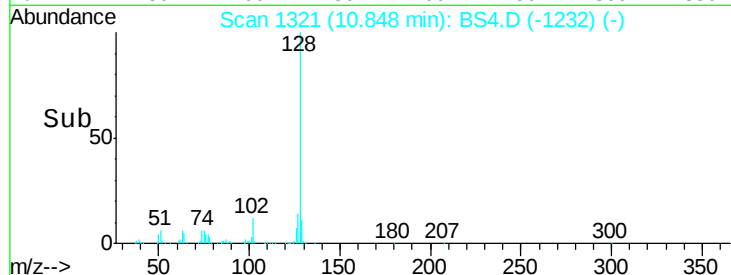
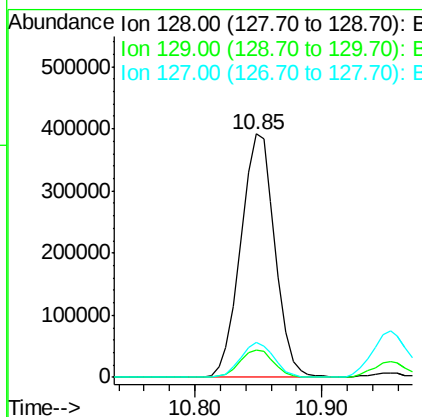
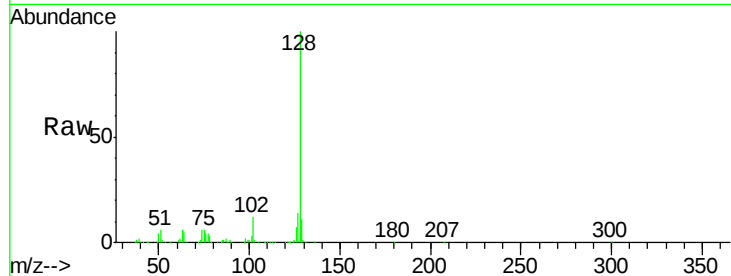




#31
Naphthalene
Concen: 46.265 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

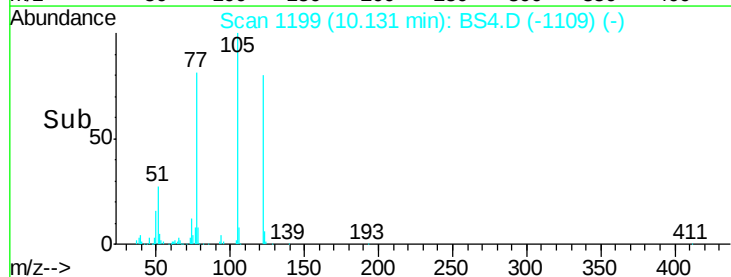
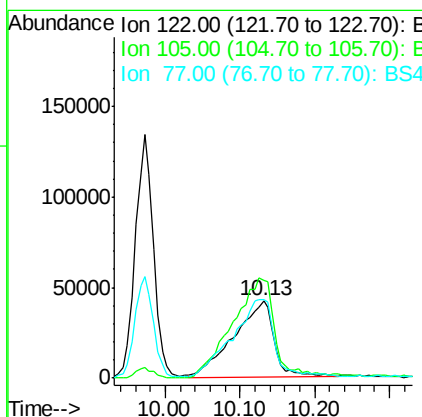
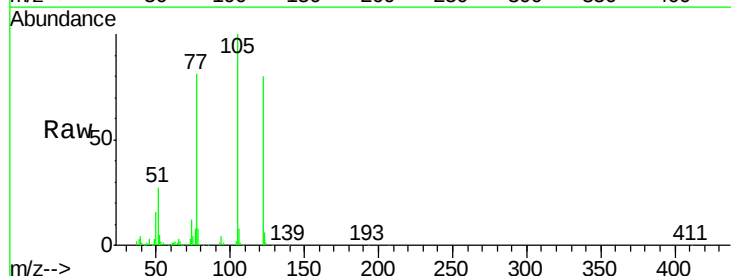
Instrument :
BNA_G
ClientSampleId :

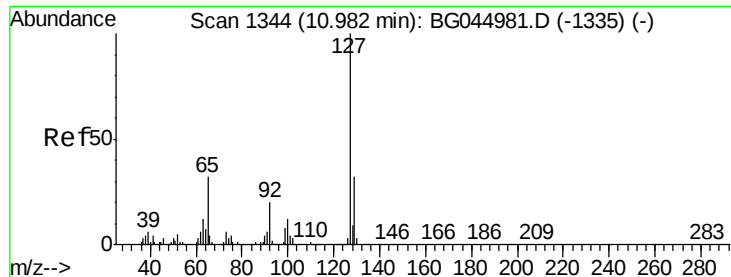
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	14.3	10.8	16.2



#32
Benzoic acid
Concen: 44.071 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	108.4	148.4
77	102.1	78.8	118.8

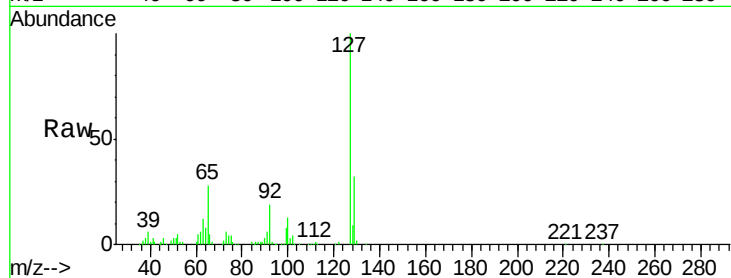




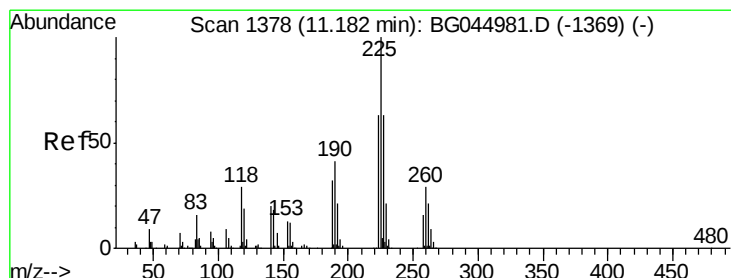
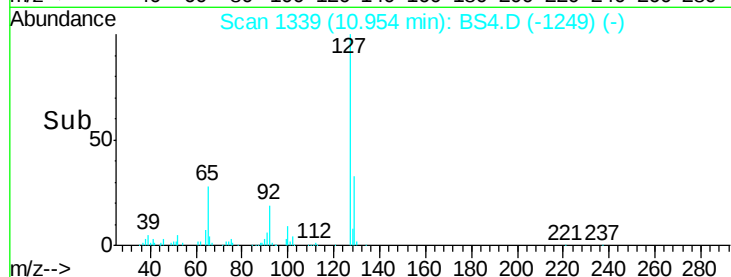
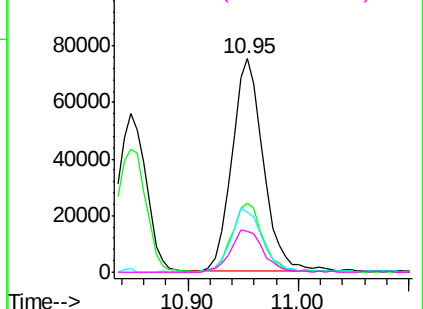
#33
4-Chloroaniline
Concen: 20.496 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	150974
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	28.3	25.4	38.2
92	19.1	16.1	24.1

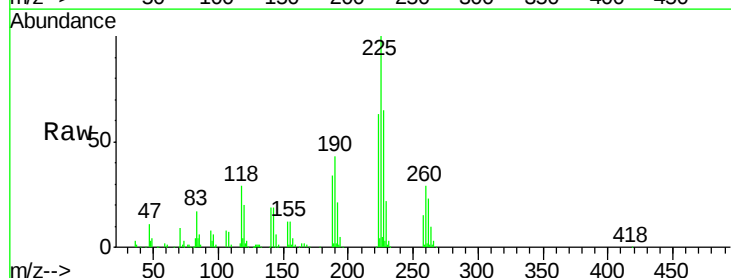


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BS4
Ion 92.00 (91.70 to 92.70): BS4

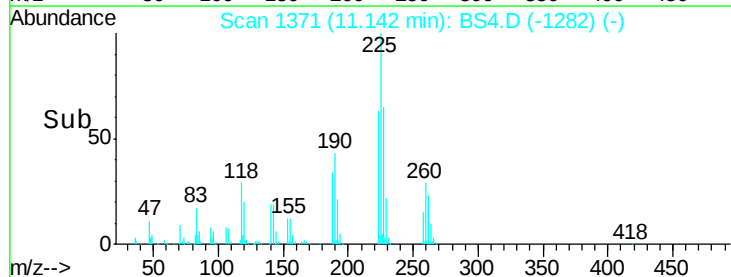
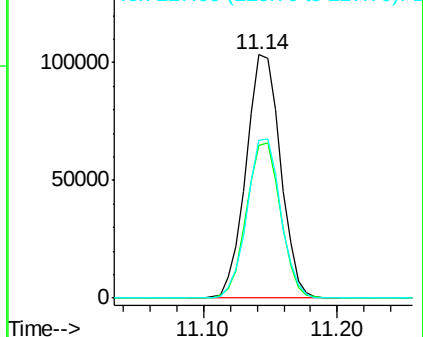


#34
Hexachlorobutadiene
Concen: 46.283 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:	225	Resp:	183906
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	64.8	50.2	75.2



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

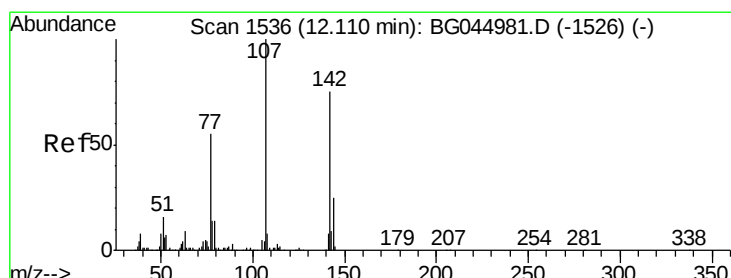
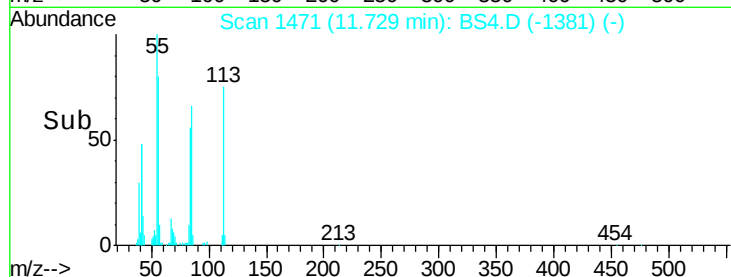
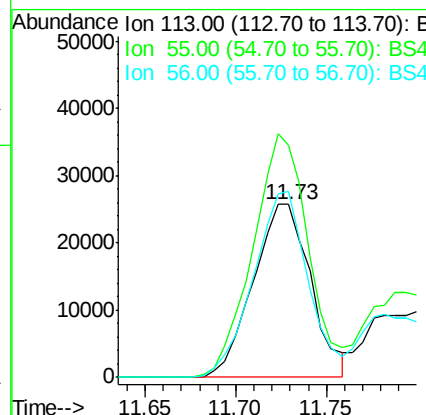
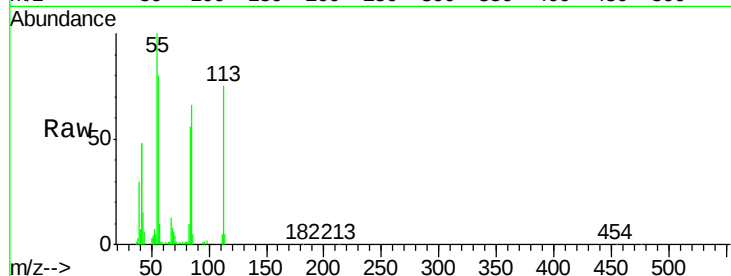




#35
 Caprolactam
 Concen: 27.925 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

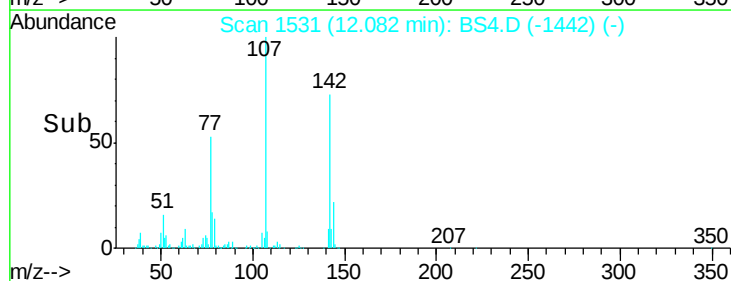
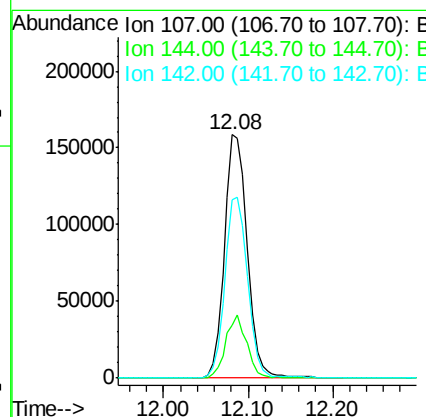
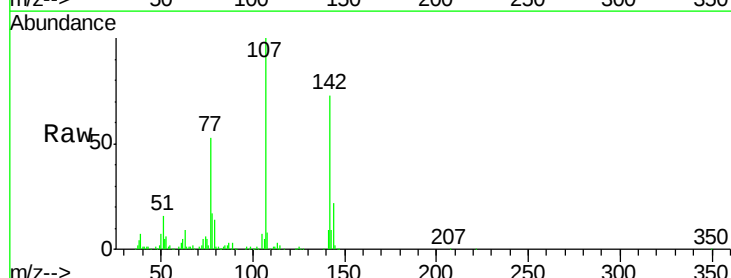
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 56890
 Ion Ratio Lower Upper
 113 100
 55 133.9 118.8 158.8
 56 107.5 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.381 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion:107 Resp: 296936
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.8 29.6
 142 73.3 59.7 89.5

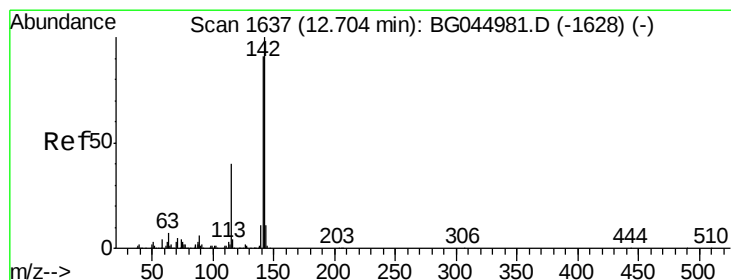
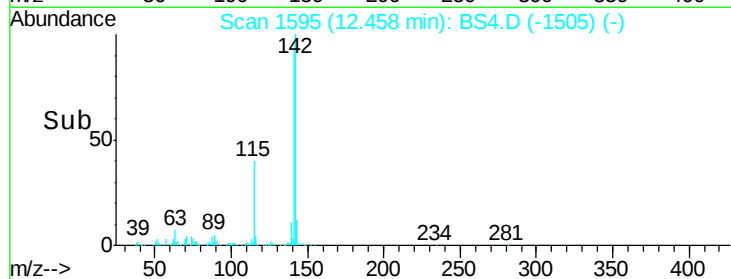
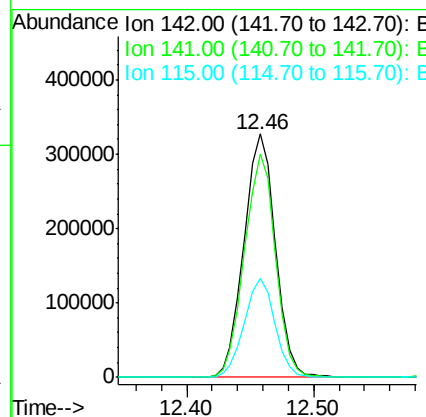
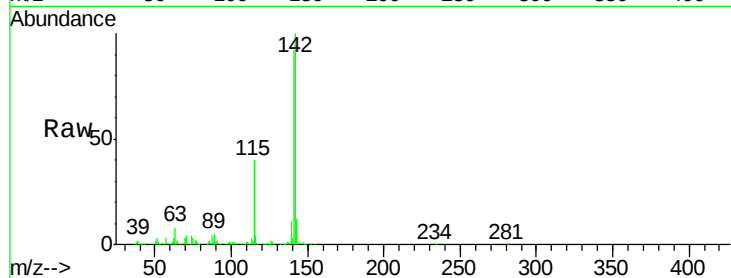




#37
 2-Methylnaphthalene
 Concen: 45.989 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

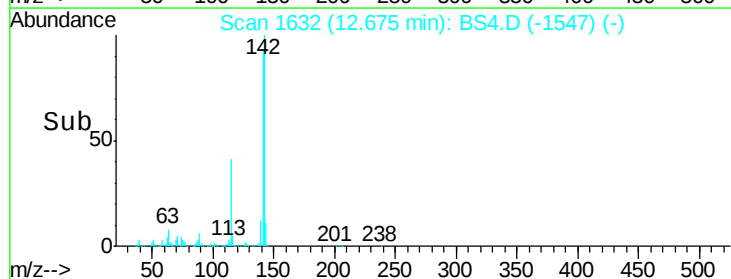
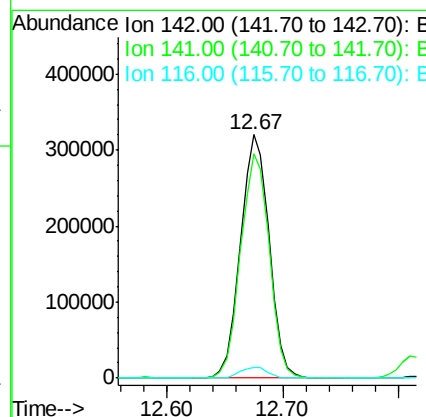
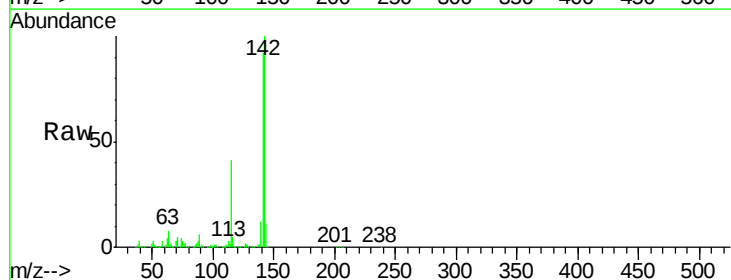
Instrument :
 BNA_G
 ClientSampleId :

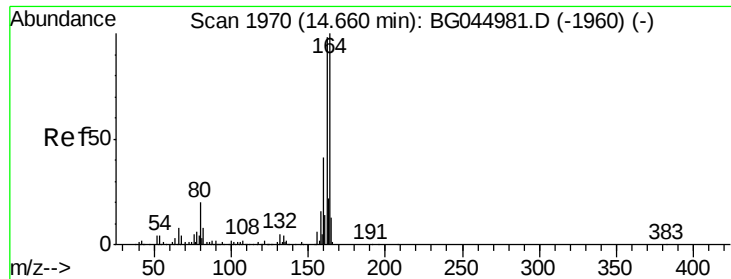
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.3	105.5
115	40.5	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 47.238 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	4.6	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: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

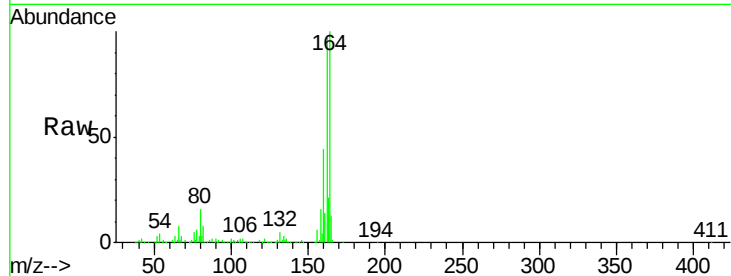
Tot Ion:164 Resp: 217406

Ion Ratio Lower Upper

164 100

162 96.7 78.7 118.1

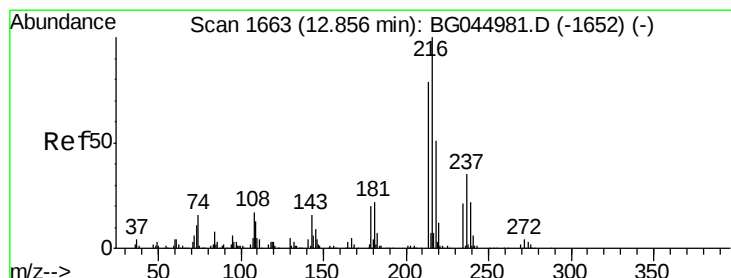
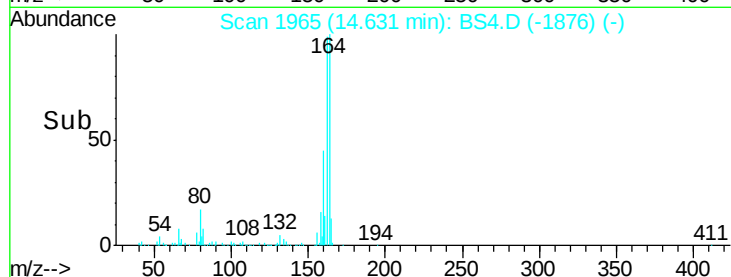
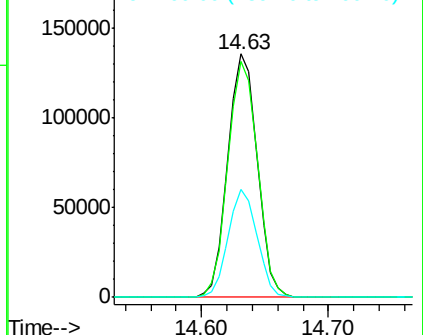
160 44.2 32.8 49.2



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: 46.008 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Tgt Ion:216 Resp: 322049

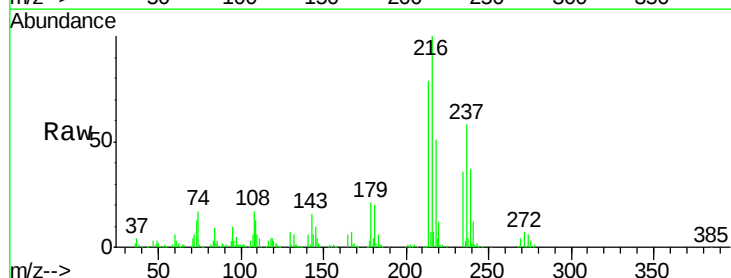
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 19.8 15.8 23.8

108 19.1 14.2 21.2

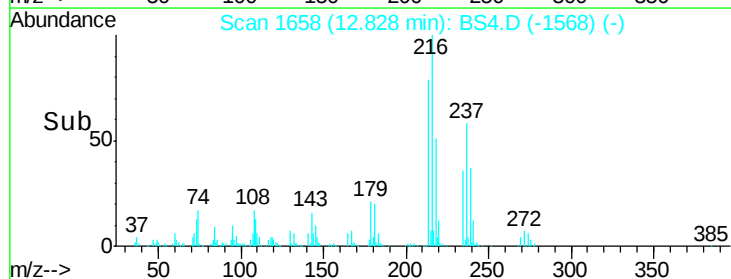
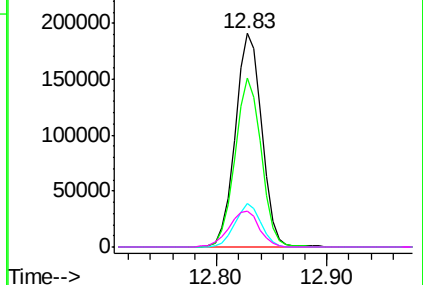


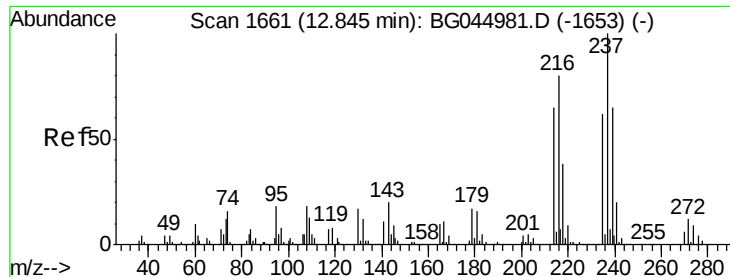
Abundance Ion 216.00 (215.70 to 216.70): E

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

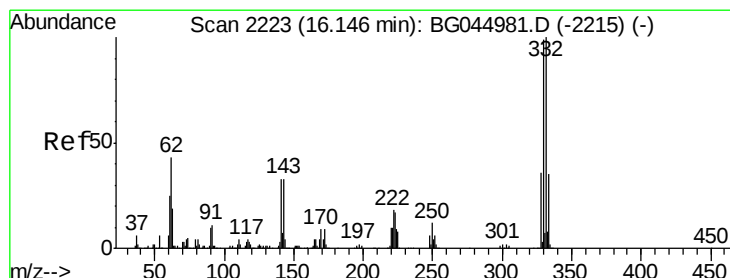
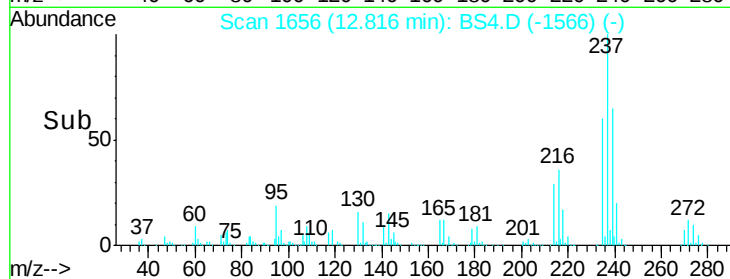
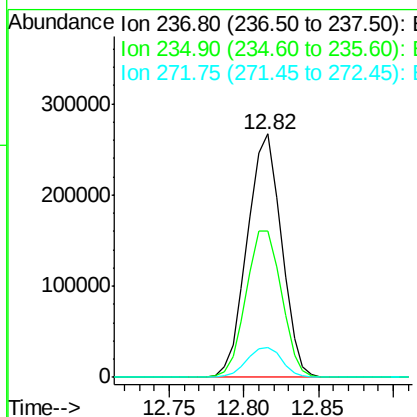
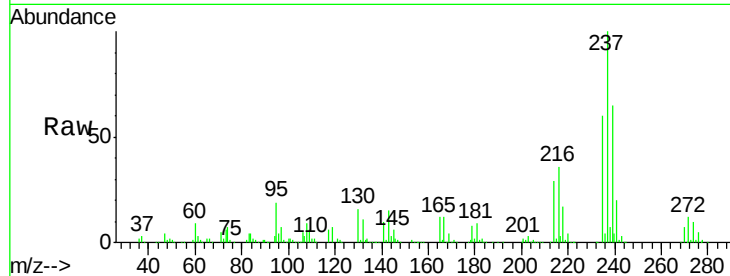




#41
Hexachlorocyclopentadiene
Concen: 96.803 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

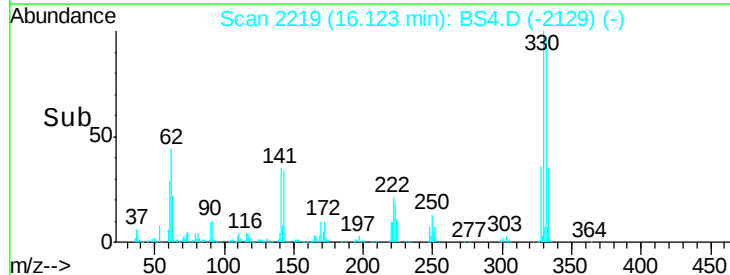
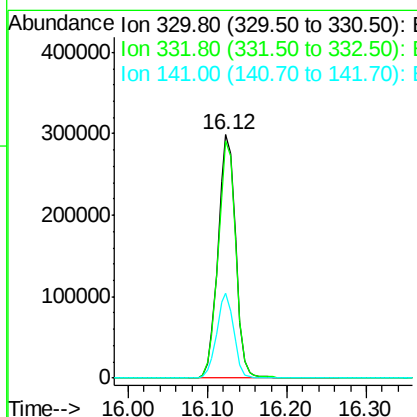
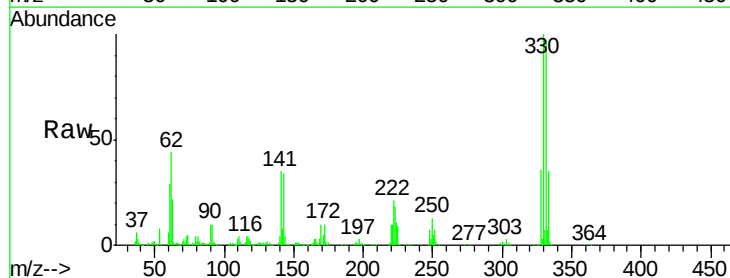
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.0	41.6	81.6
272	12.3	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 137.156 ng
RT: 16.12 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	33.8	27.1	40.7

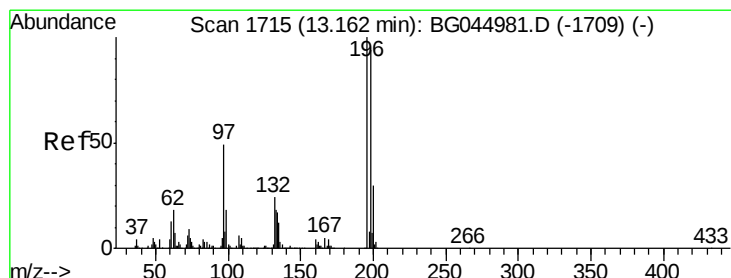
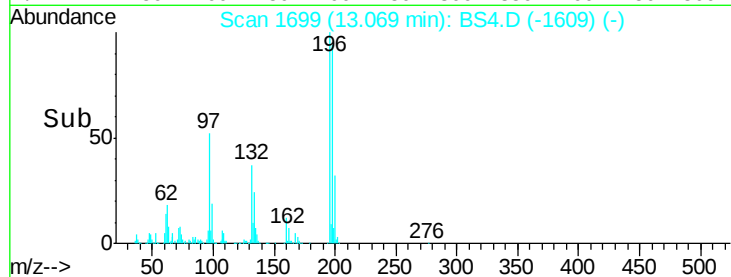
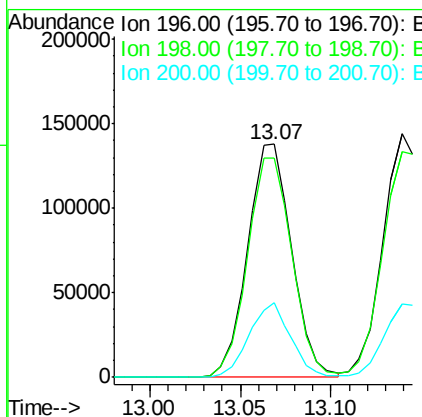
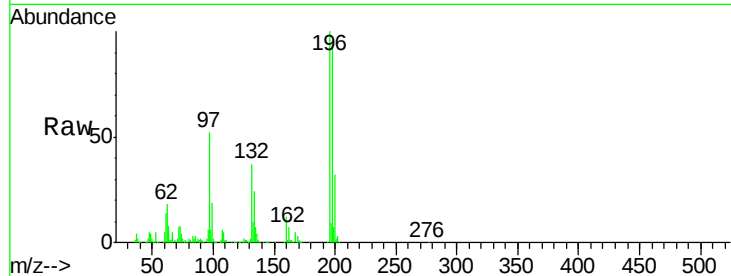




#43
 2,4,6-Trichlorophenol
 Concen: 47.173 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

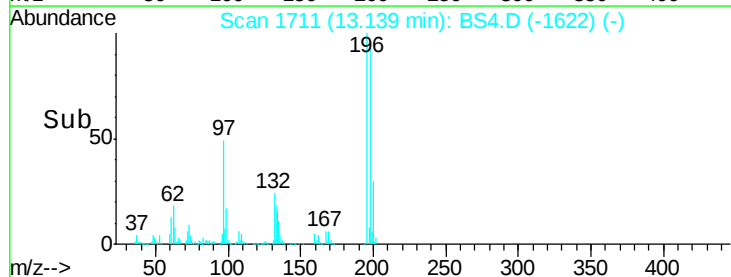
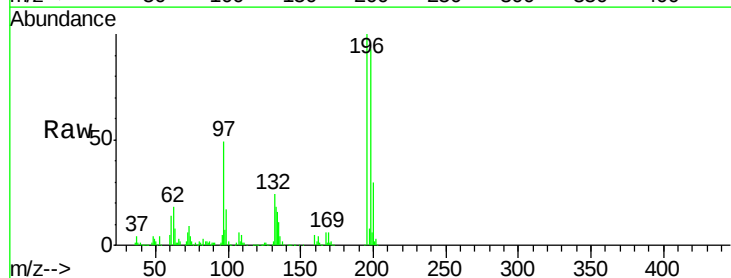
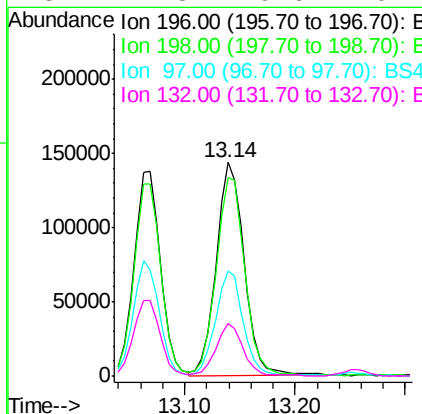
Instrument :
 BNA_G
 ClientSampleId :

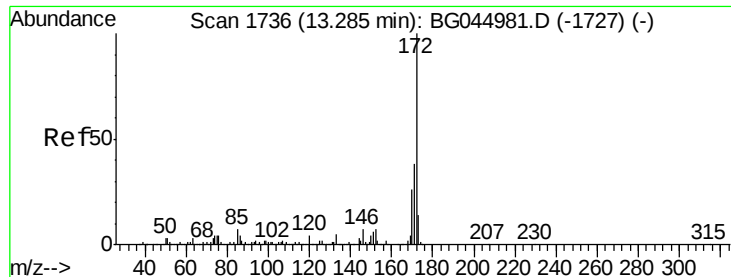
Tot Ion	196	Resp	233046
Ion Ratio	Lower	Upper	
196	100		
198	94.2	72.5	108.7
200	32.0	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.956 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion	196	Resp	252800
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.7	113.5
97	49.5	39.6	59.4
132	24.3	19.6	29.4



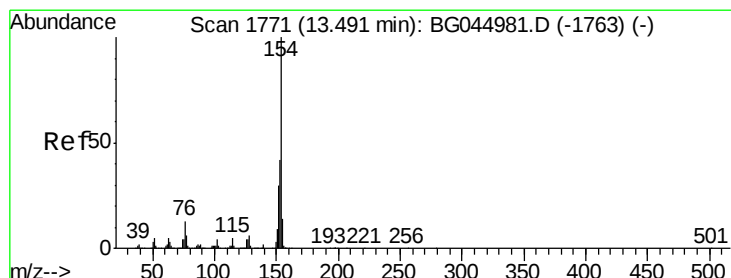
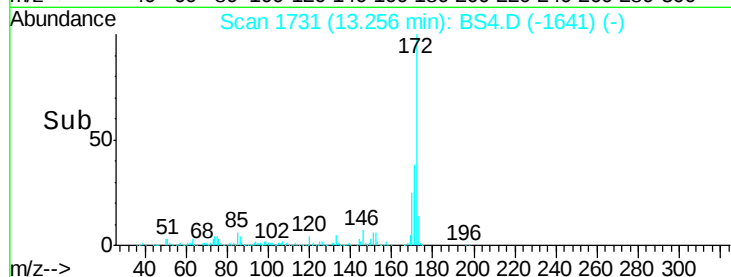
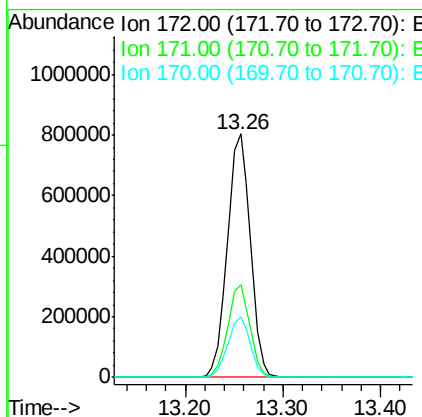
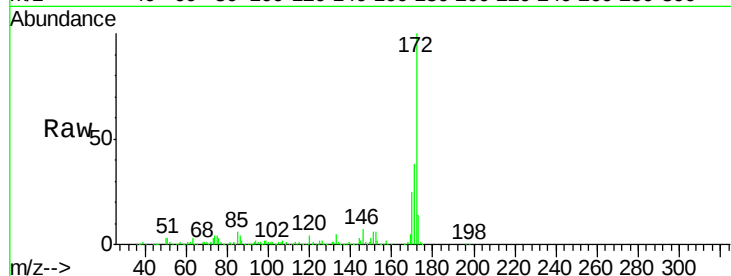


#45
 2-Fluorobiphenyl
 Concen: 88.360 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1310088

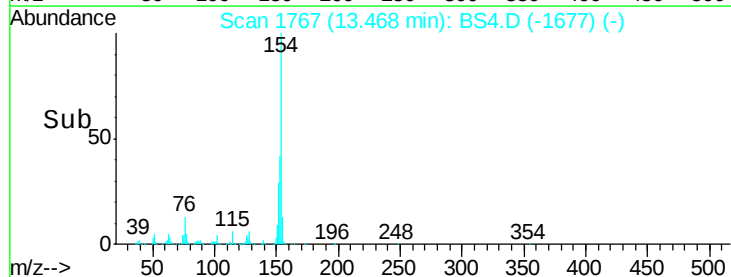
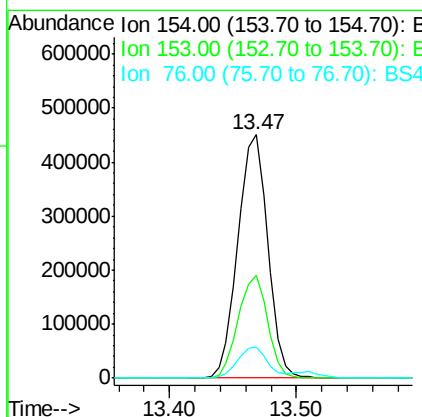
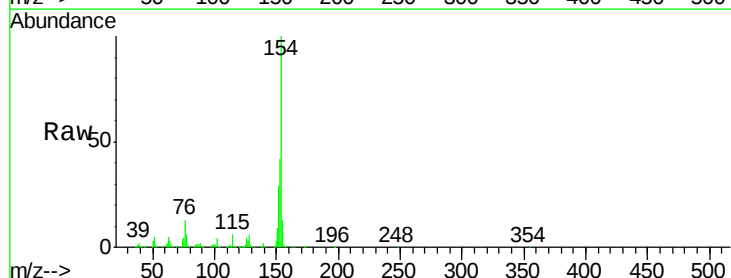
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.8	20.5	30.7

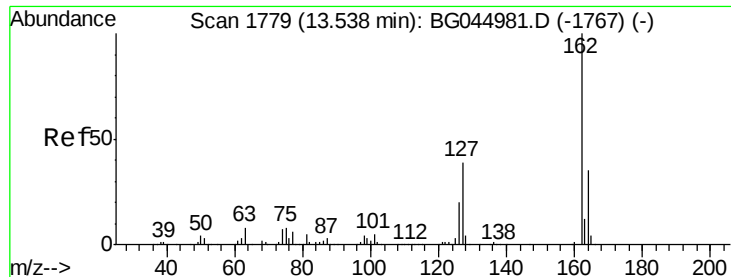


#46
 1,1'-Biphenyl
 Concen: 44.619 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion:154 Resp: 737301

Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	12.7	0.0	33.1

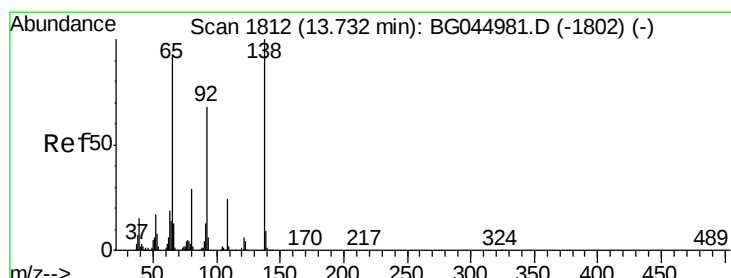
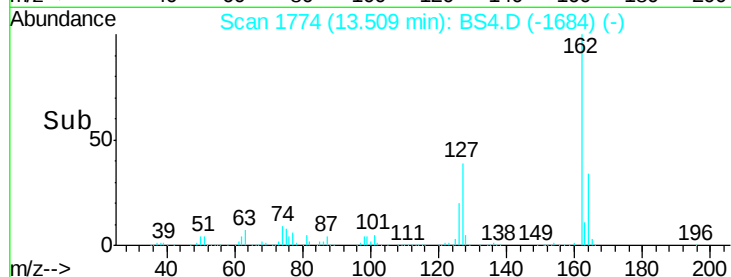
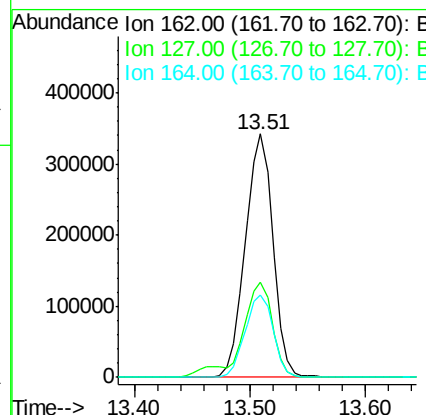
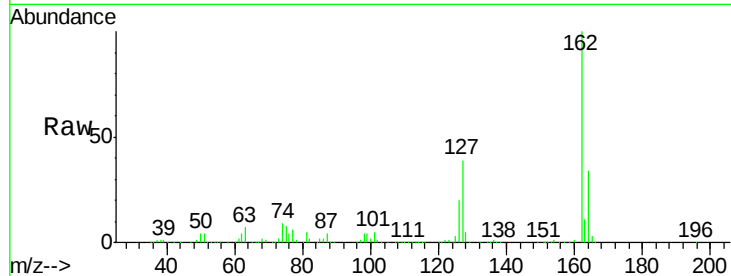




#47
 2-Chloronaphthalene
 Concen: 45.060 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

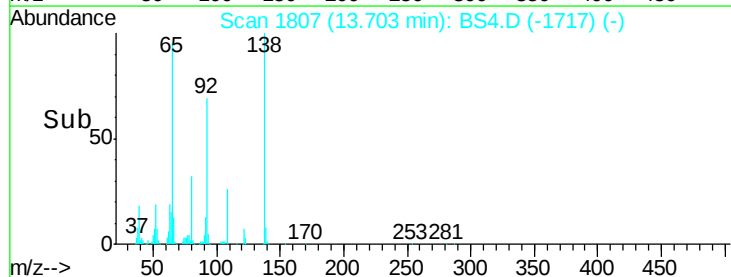
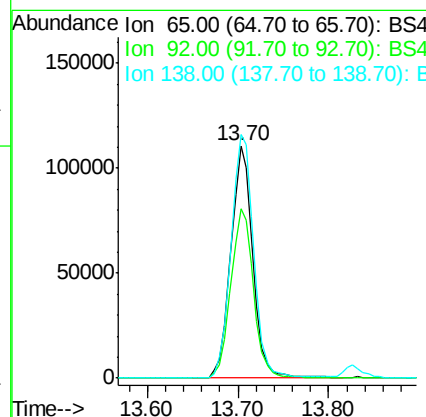
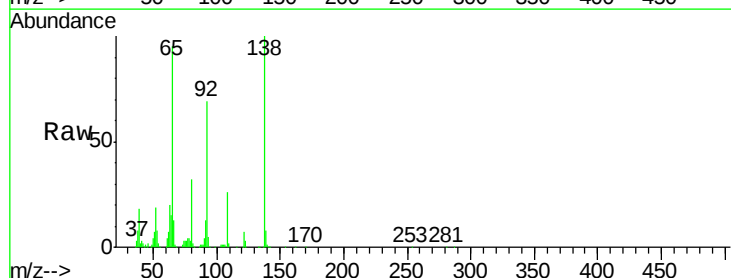
Instrument :
 BNA_G
 ClientSampleId :

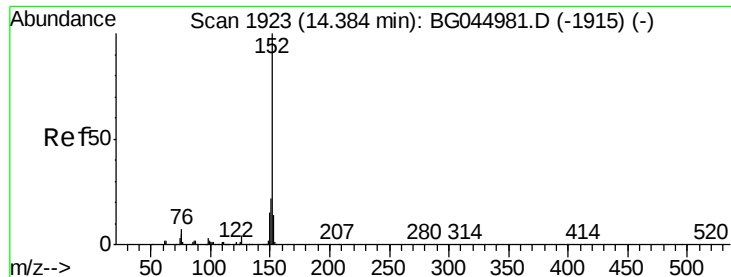
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	33.8	27.8	41.8



#48
 2-Nitroaniline
 Concen: 44.844 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.3	87.5
138	104.8	85.6	128.4





#49

Acenaphthylene

Concen: 46.417 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

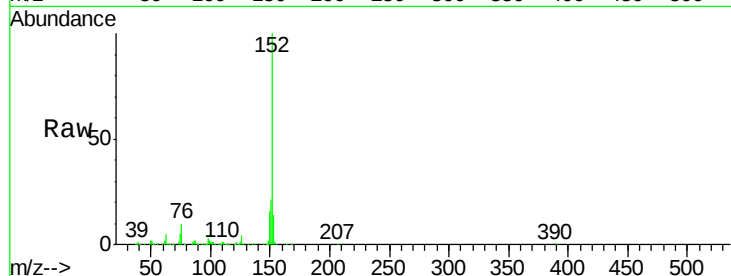
Tot Ion:152 Resp: 954634

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

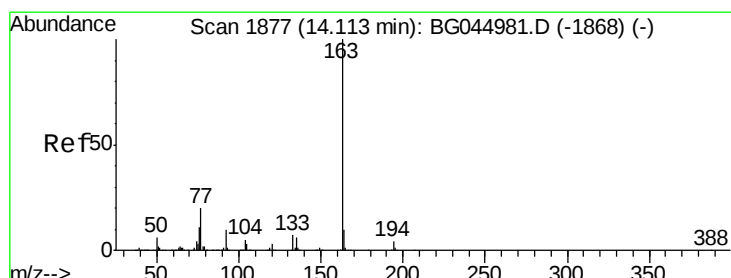
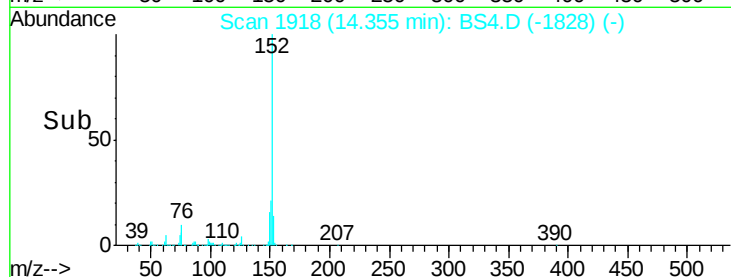
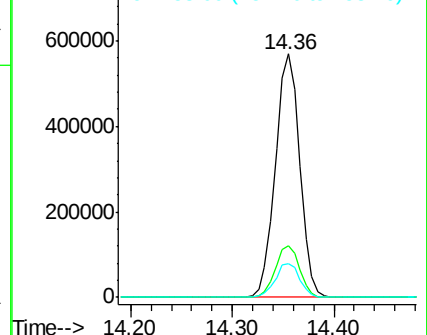
153 14.0 11.0 16.4



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: 43.879 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

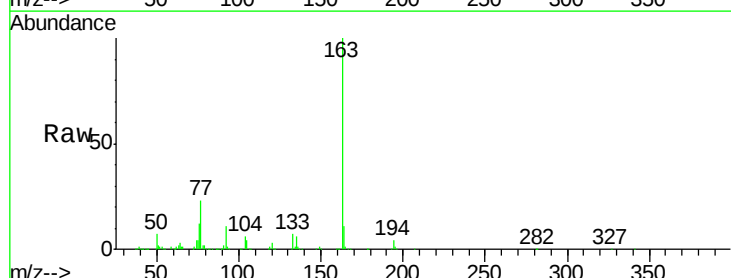
Tgt Ion:163 Resp: 776749

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

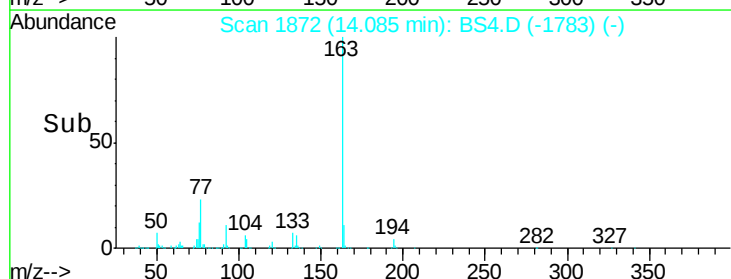
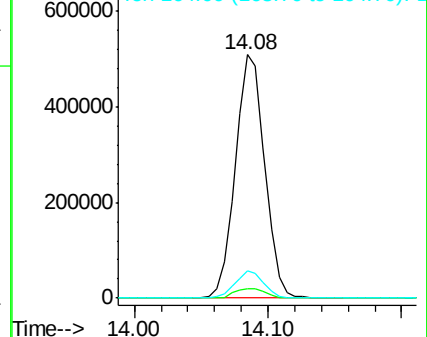
164 11.2 8.2 12.4



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

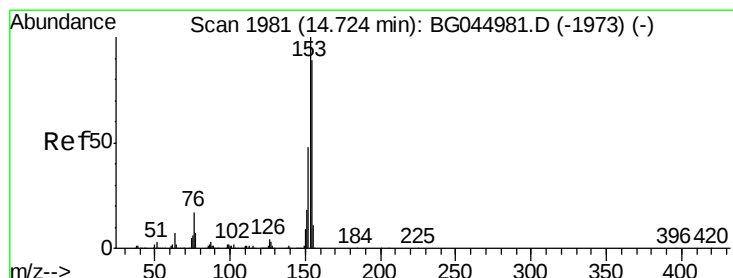
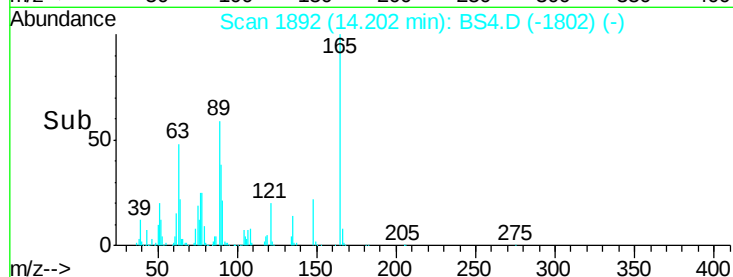
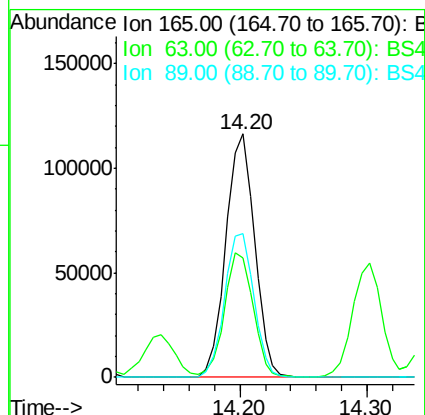
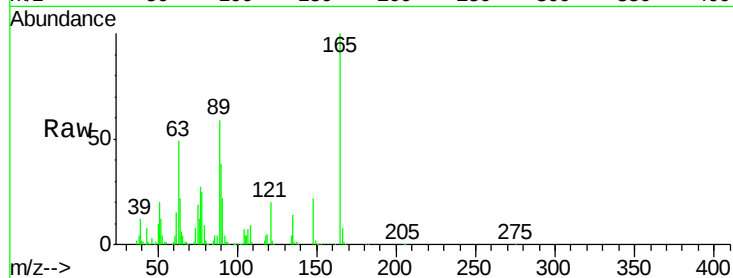




#51
2,6-Dinitrotoluene
Concen: 46.287 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

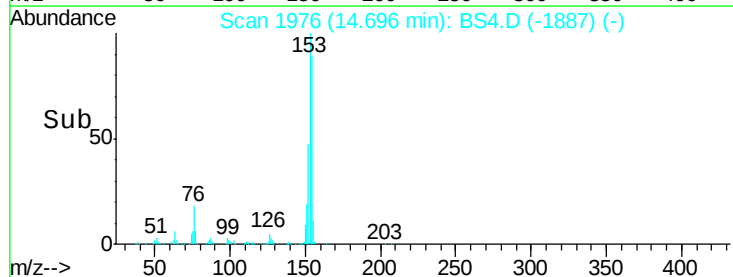
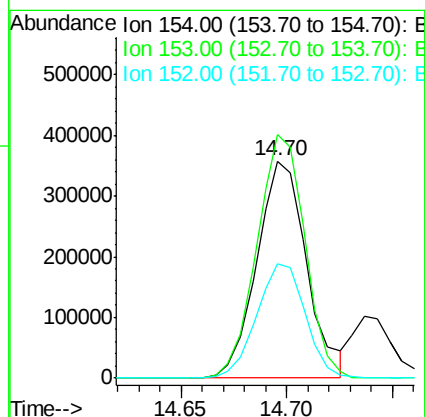
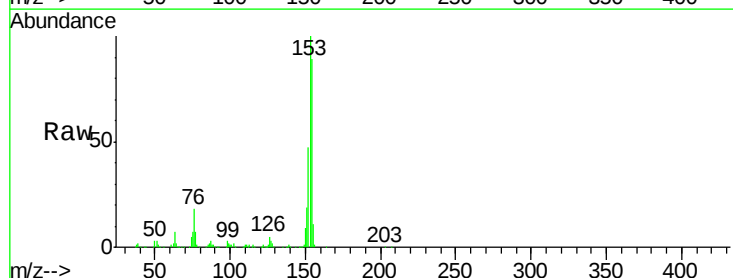
Instrument :
BNA_G
ClientSampleId :

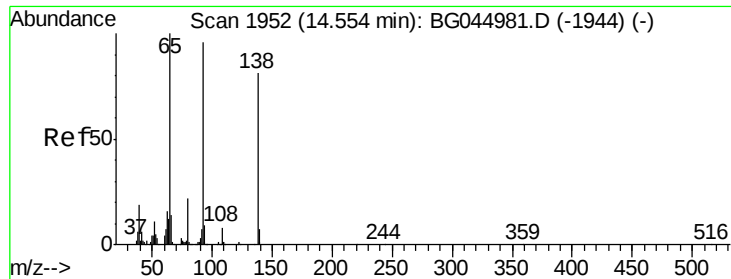
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	40.4	60.6
89	59.2	49.1	73.7



#52
Acenaphthene
Concen: 42.115 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.7	134.5
152	53.0	43.1	64.7

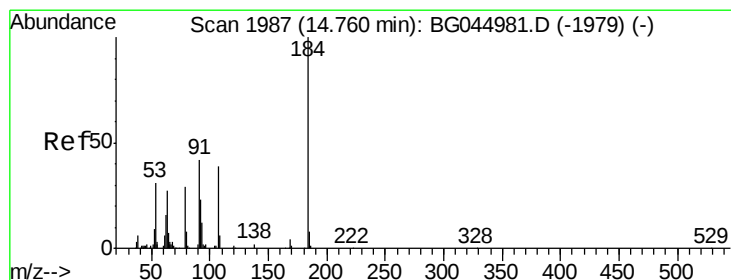
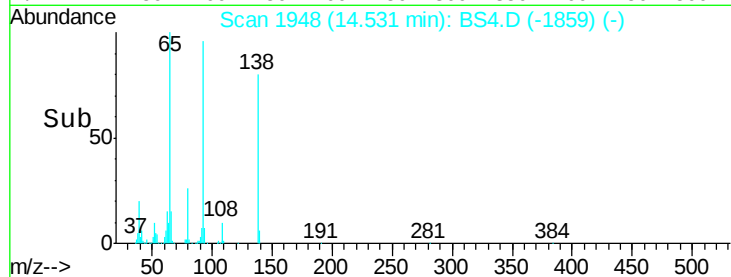
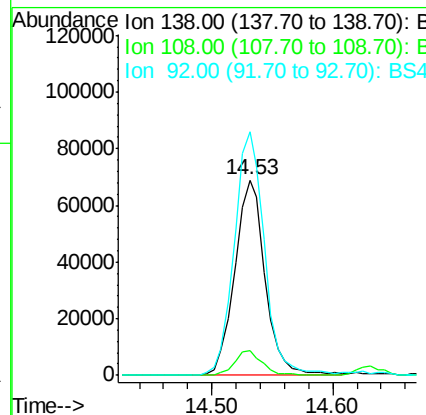
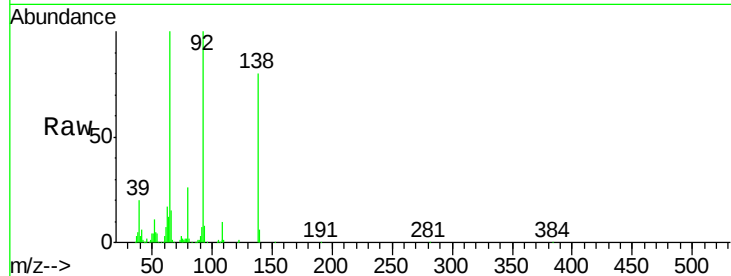




#53
 3-Nitroaniline
 Concen: 27.739 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

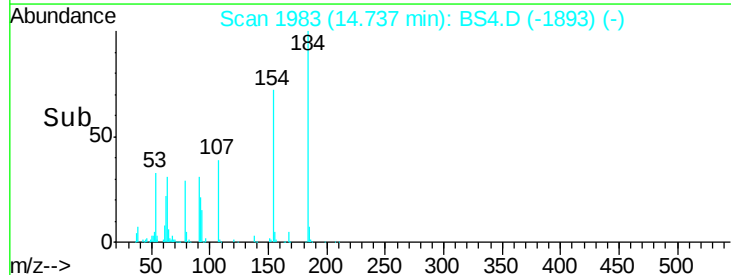
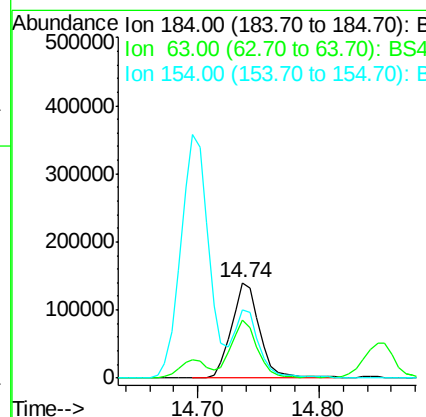
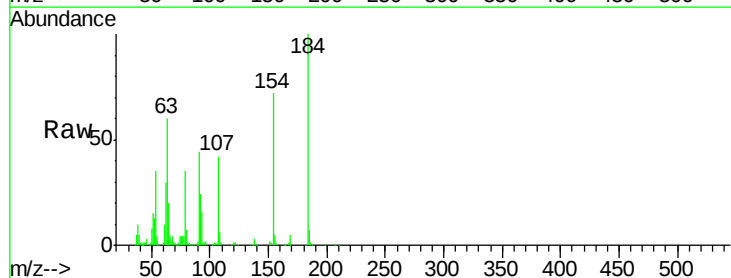
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 120461
 Ion Ratio Lower Upper
 138 100
 108 12.9 7.8 11.8#
 92 124.9 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 96.731 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion:184 Resp: 227746
 Ion Ratio Lower Upper
 184 100
 63 60.1 41.5 62.3
 154 71.9 52.3 78.5





#55

Dibenzenofuran

Concen: 45.404 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

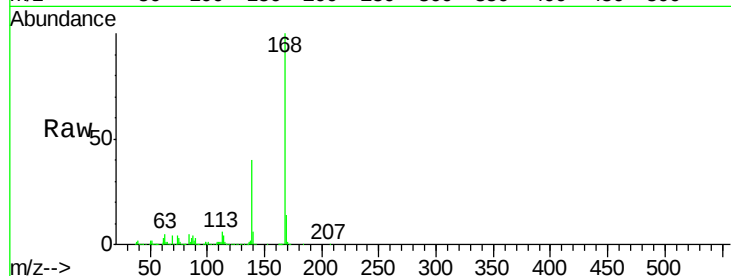
Tot Ion:168 Resp: 921122

Ion Ratio Lower Upper

168 100

139 39.8 30.4 45.6

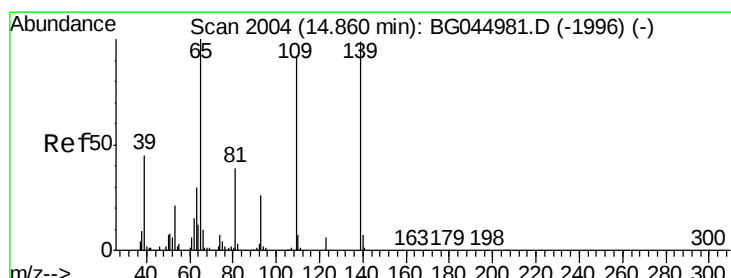
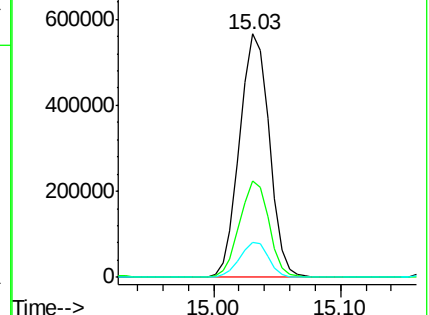
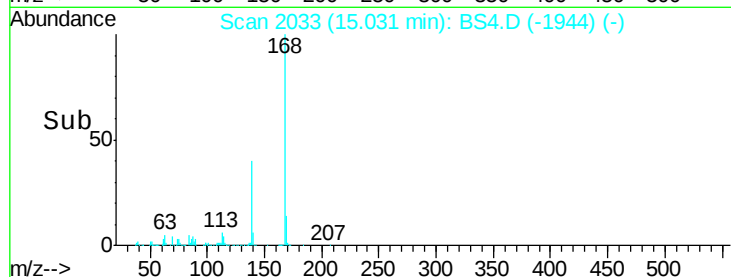
169 14.1 11.0 16.4



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: 89.201 ng

RT: 14.85 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

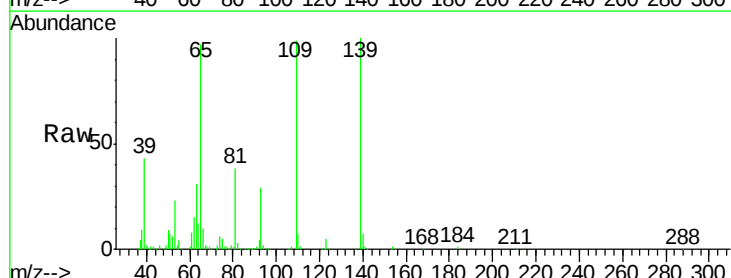
Tgt Ion:139 Resp: 300347

Ion Ratio Lower Upper

139 100

109 99.0 73.6 113.6

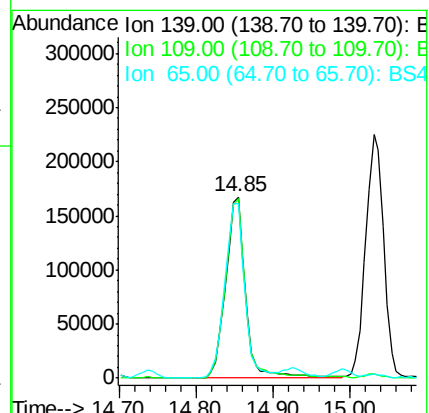
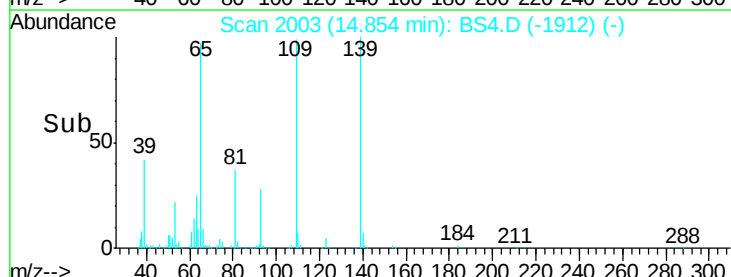
65 96.7 81.2 121.2

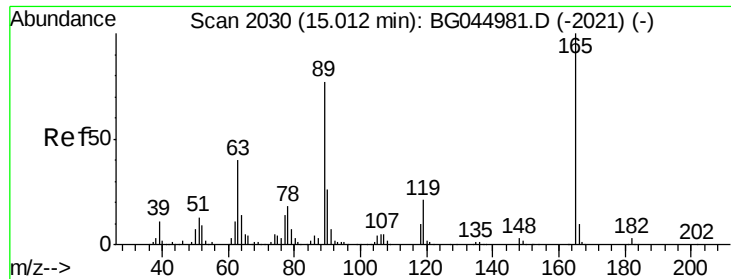


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BS4

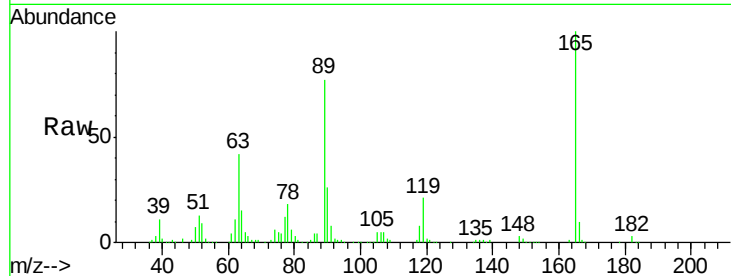




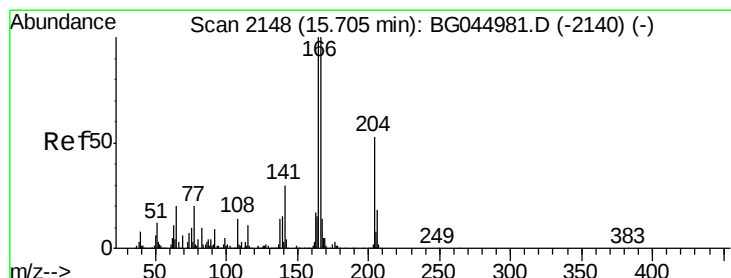
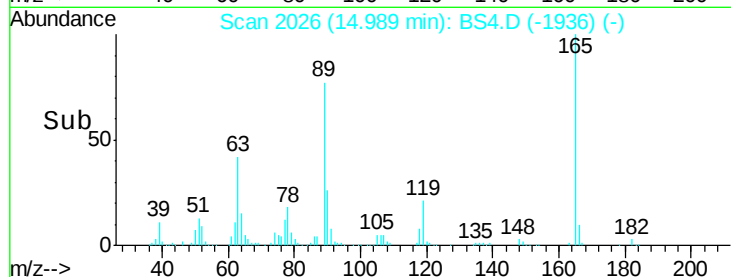
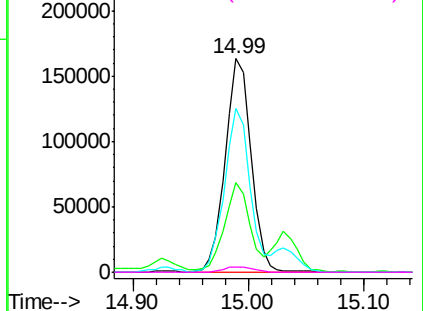
#57
 2,4-Dinitrotoluene
 Concen: 43.959 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	254361
Ion Ratio	Lower	Upper
165	100	
63	42.1	32.2 48.2
89	76.6	61.7 92.5
182	2.6	2.0 3.0

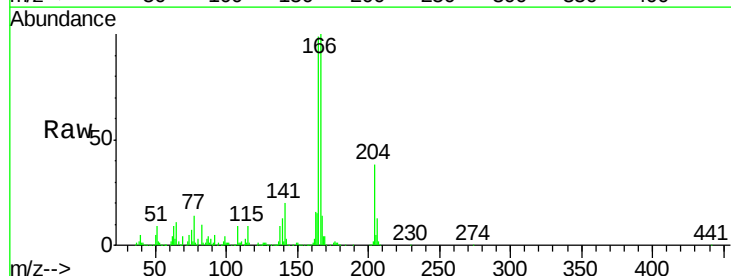


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BS4
 Ion 89.00 (88.70 to 89.70): BS4
 Ion 182.00 (181.70 to 182.70): E

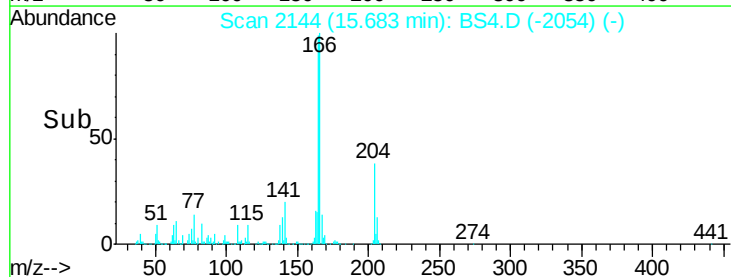
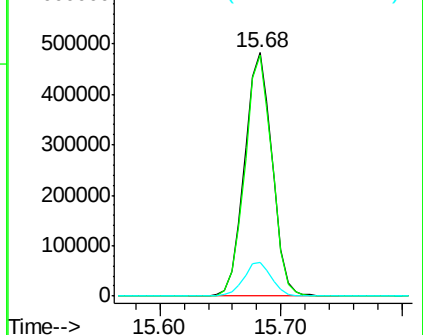


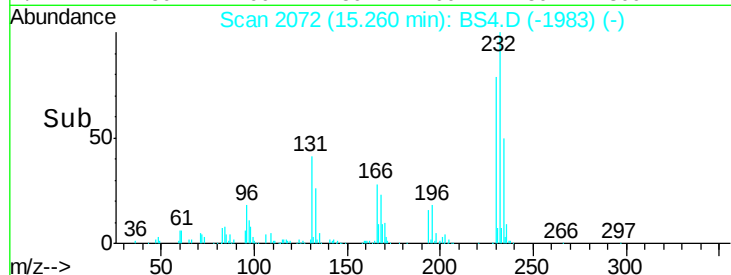
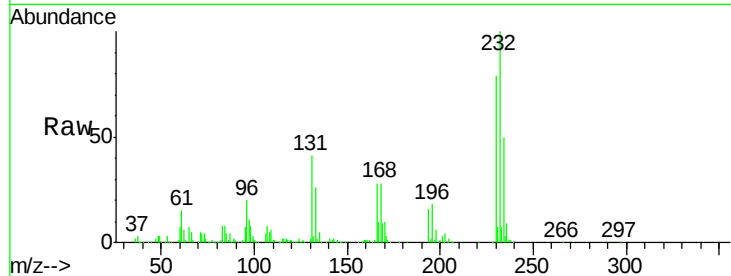
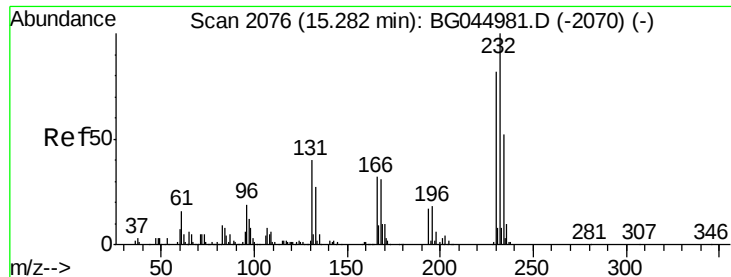
#58
 Fluorene
 Concen: 46.323 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion:166	Resp:	767613
Ion Ratio	Lower	Upper
166	100	
165	99.0	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

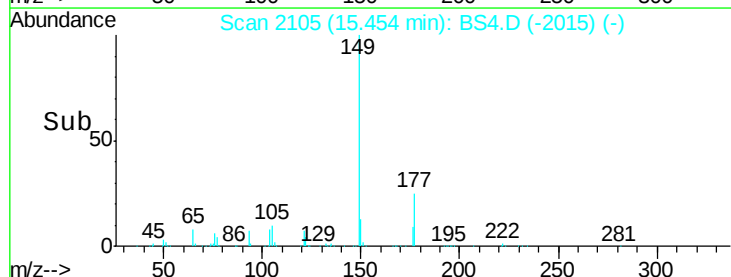
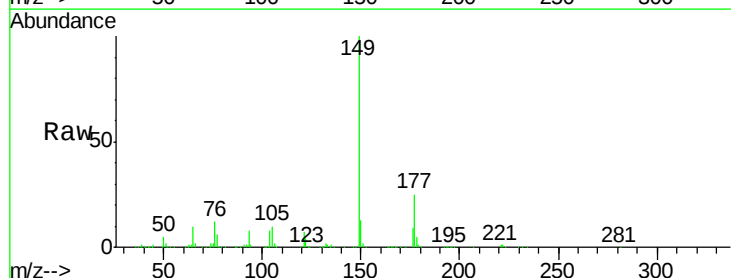
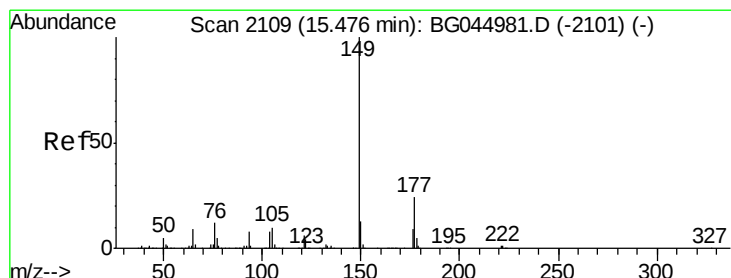
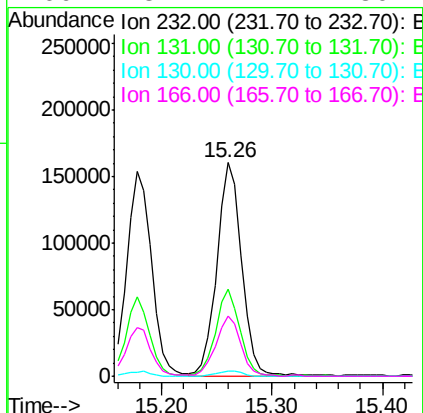




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.893 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

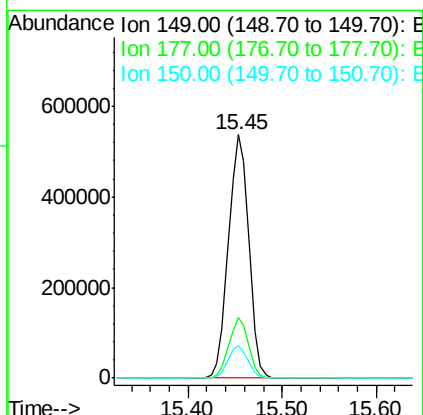
Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	249640
Ion Ratio	Lower	Upper
232	100	
131	39.3	32.2 48.2
130	2.5	2.2 3.2
166	28.2	24.2 36.4



#60
Diethylphthalate
Concen: 43.656 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:149	Resp:	805719
Ion Ratio	Lower	Upper
149	100	
177	24.8	18.9 28.3
150	13.2	10.6 15.8





#61

4-Chlorophenyl-phenylether

Concen: 45.039 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

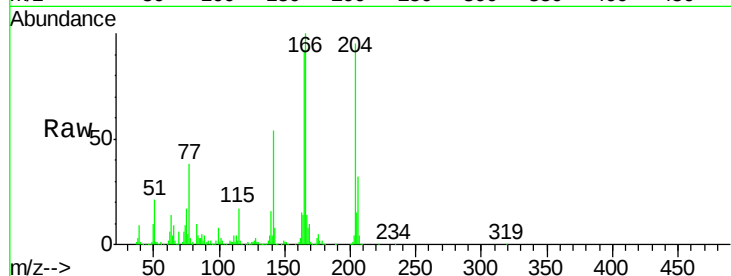
Tot Ion:204 Resp: 429583

Ion Ratio Lower Upper

204 100

206 34.0 26.9 40.3

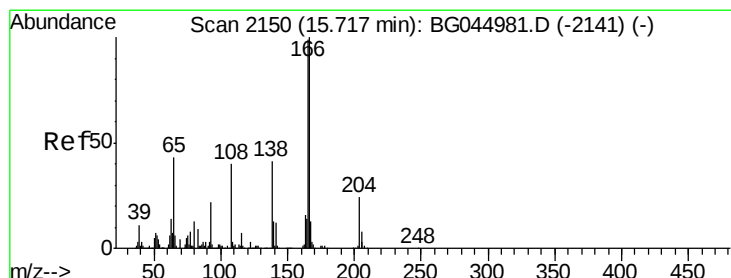
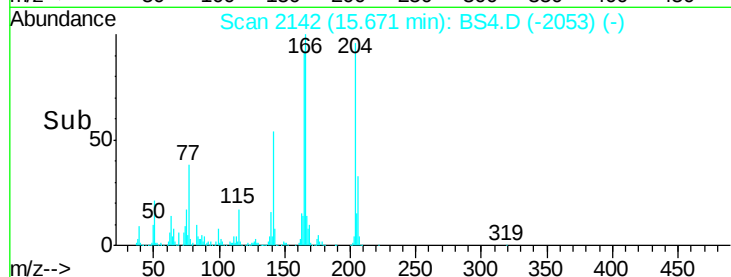
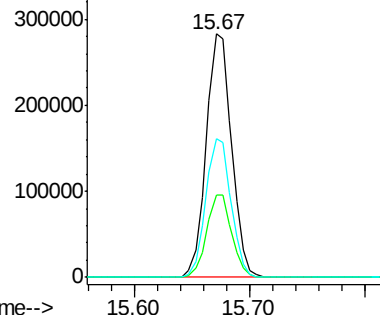
141 56.9 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 40.014 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

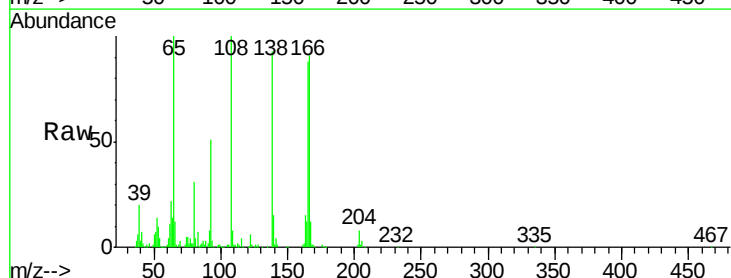
Tgt Ion:138 Resp: 180231

Ion Ratio Lower Upper

138 100

92 55.3 33.6 73.6

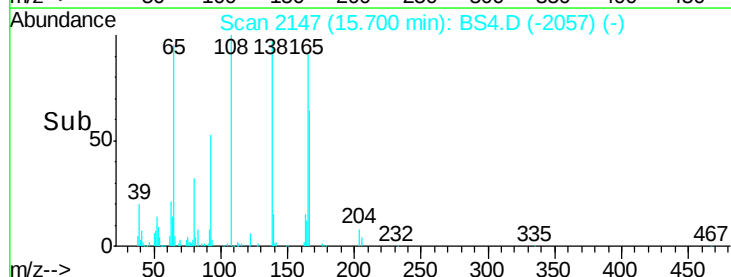
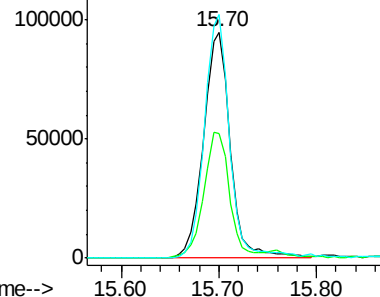
108 107.6 78.2 118.2

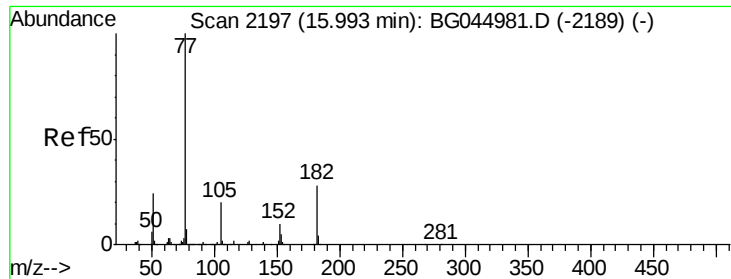


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BS4

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.861 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 763363

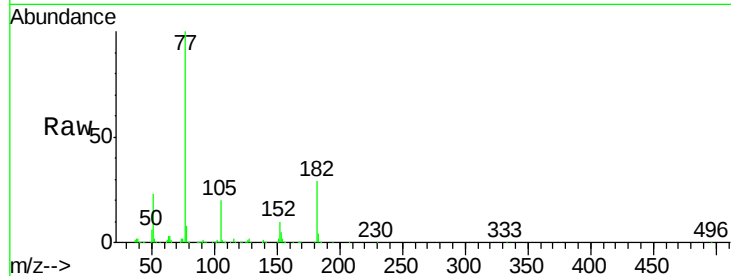
Ion Ratio Lower Upper

77 100

182 29.1 8.4 48.4

105 20.3 0.5 40.5

51 23.4 4.4 44.4

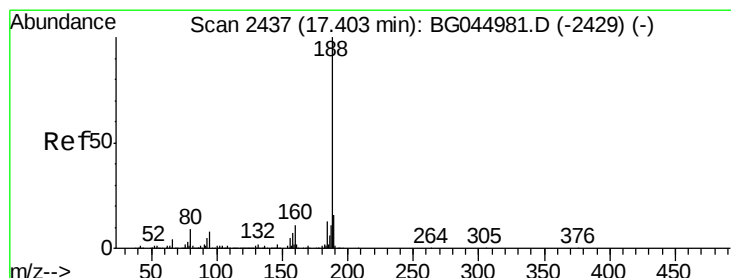
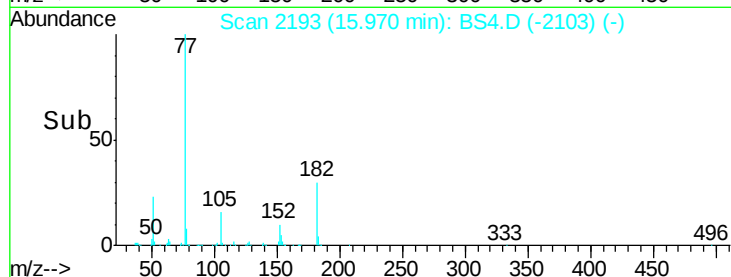
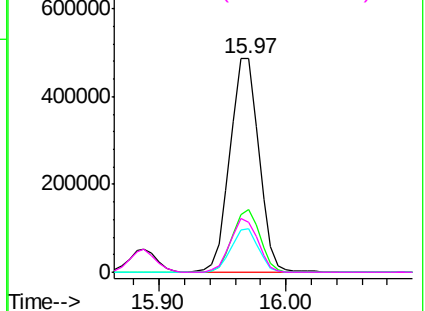


Abundance Ion 77.00 (76.70 to 77.70): BS4

Ion 182.00 (181.70 to 182.70): BS4

Ion 105.00 (104.70 to 105.70): BS4

Ion 51.00 (50.70 to 51.70): BS4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

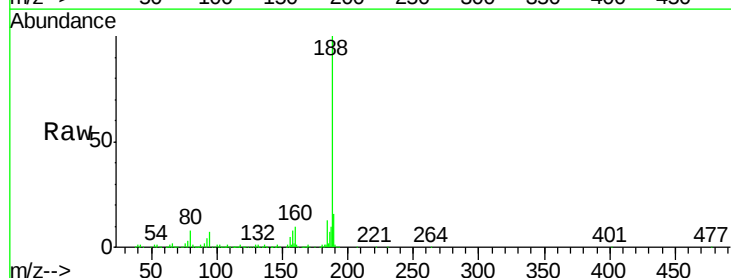
Tgt Ion: 188 Resp: 518216

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

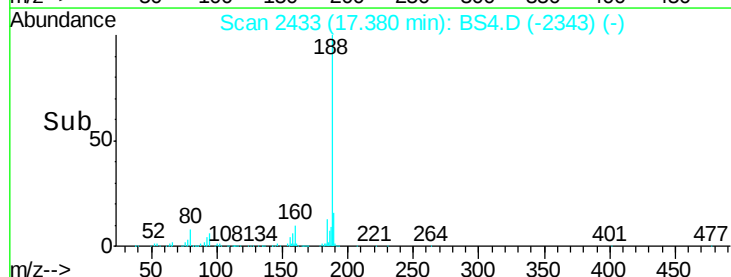
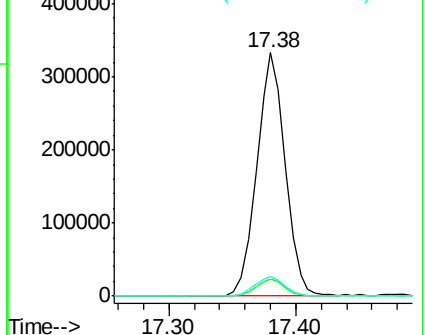
80 7.9 7.0 10.6

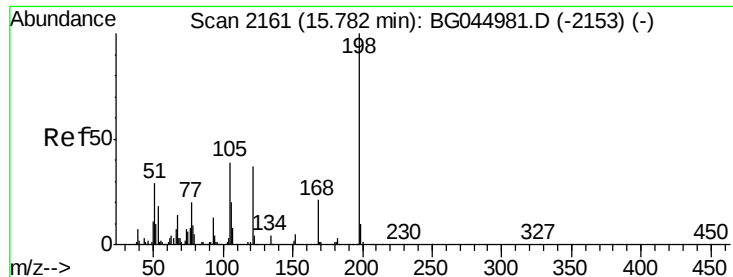


Abundance Ion 188.00 (187.70 to 188.70): BS4

Ion 94.00 (93.70 to 94.70): BS4

Ion 80.00 (79.70 to 80.70): BS4





#65

4,6-Dinitro-2-methylphenol

Concen: 49.761 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

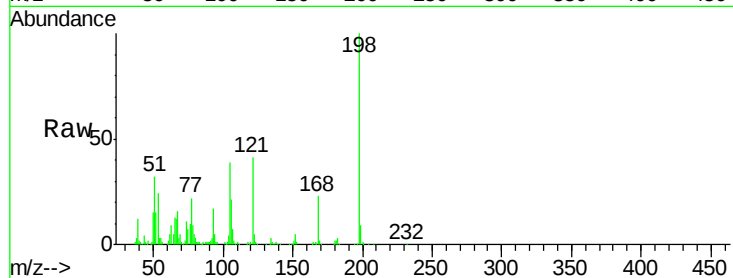
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 169500

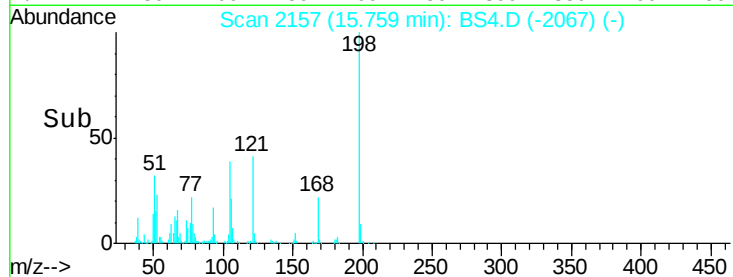
Ion	Ratio	Lower	Upper
198	100		
51	31.9	10.0	50.0
105	39.2	18.9	58.9



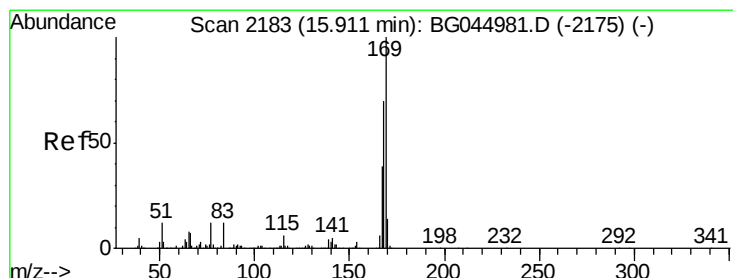
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BS4

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.102 ng

RT: 15.89 min Scan# 2179

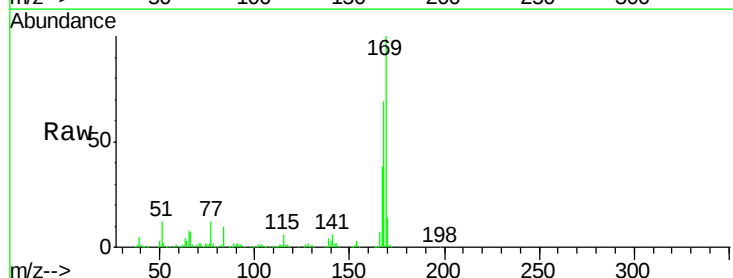
Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Tgt Ion:169 Resp: 686429

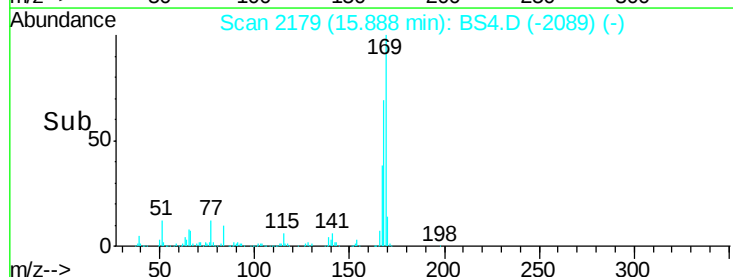
Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.8	83.8
167	38.1	30.8	46.2



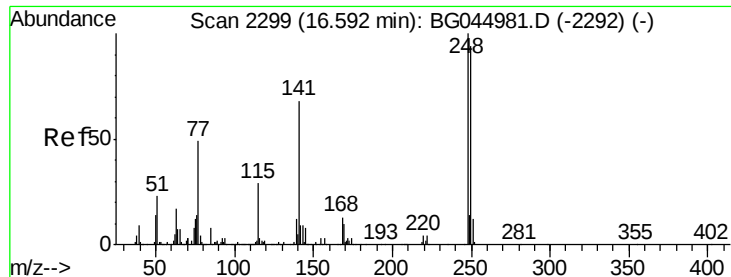
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



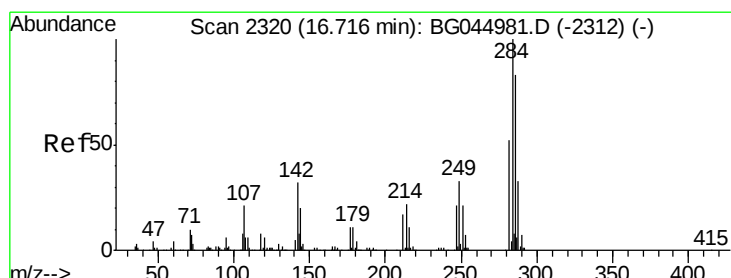
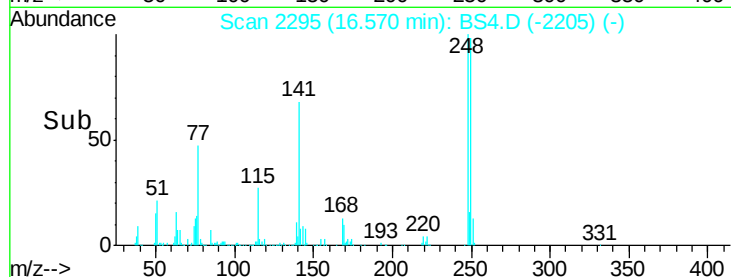
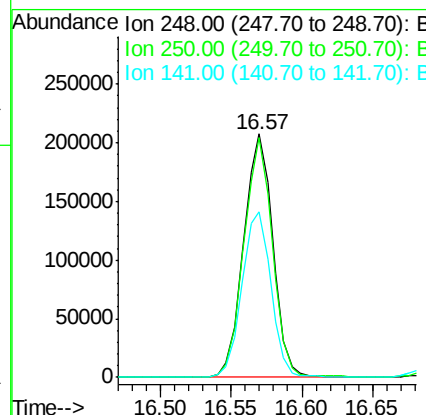
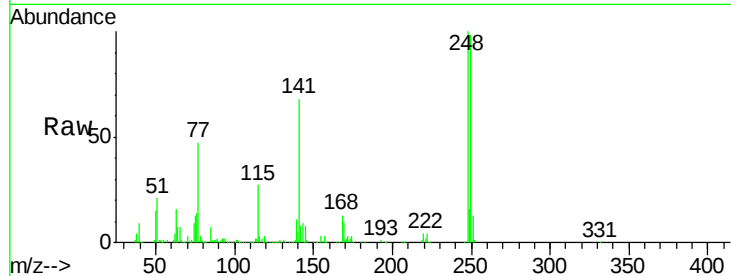
Time-->



#67
4-Bromophenyl-phenylether
Concen: 44.782 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

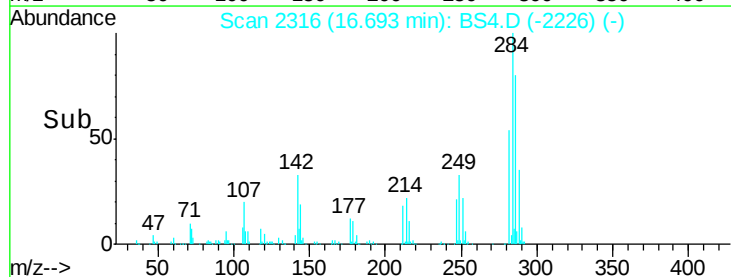
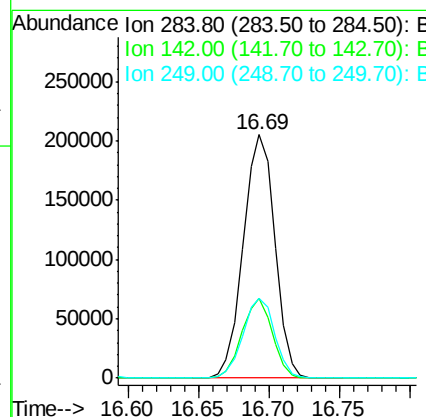
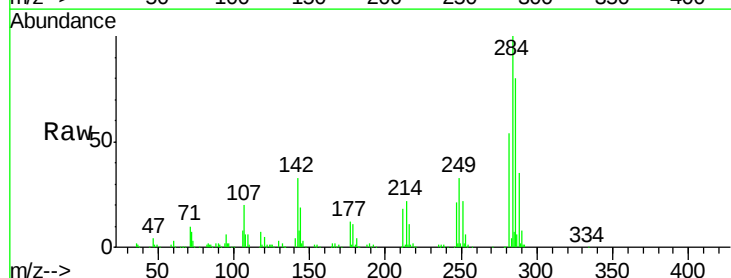
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 299385
Ion Ratio Lower Upper
248 100
250 98.5 75.4 113.2
141 68.1 54.4 81.6



#68
Hexachlorobenzene
Concen: 46.459 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:284 Resp: 322129
Ion Ratio Lower Upper
284 100
142 32.7 25.8 38.6
249 32.8 26.6 39.8

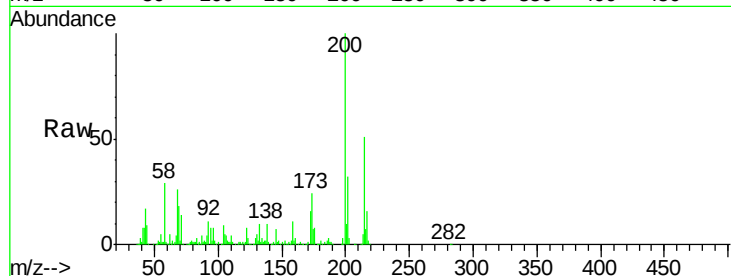




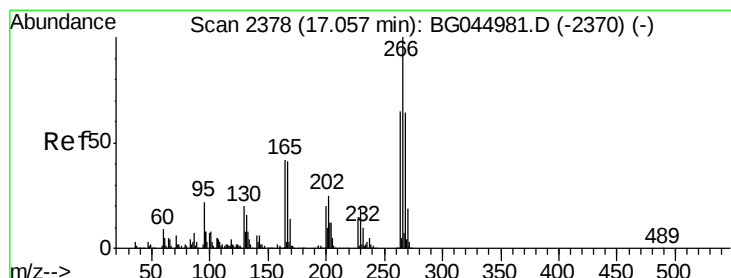
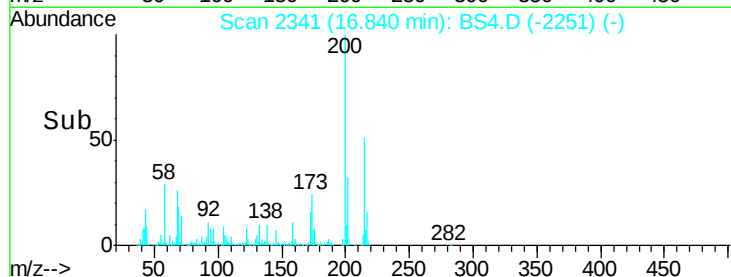
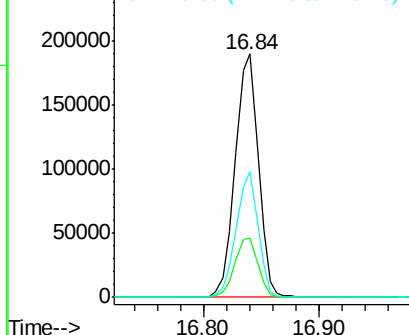
#69
 Atrazine
 Concen: 49.272 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.5	44.5
215	51.5	30.0	70.0

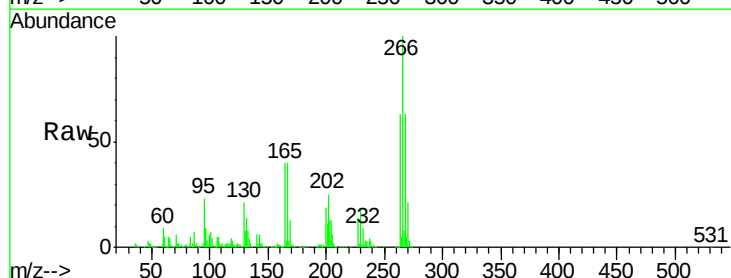


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

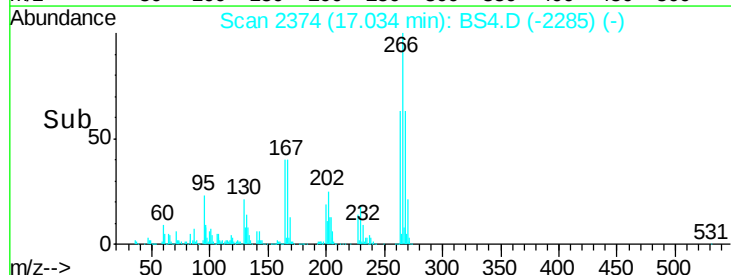
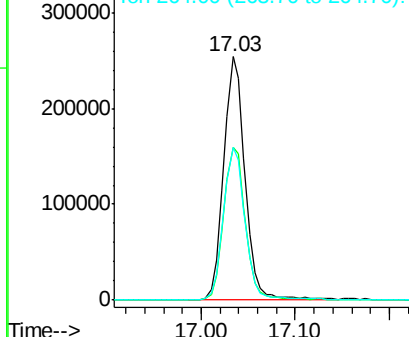


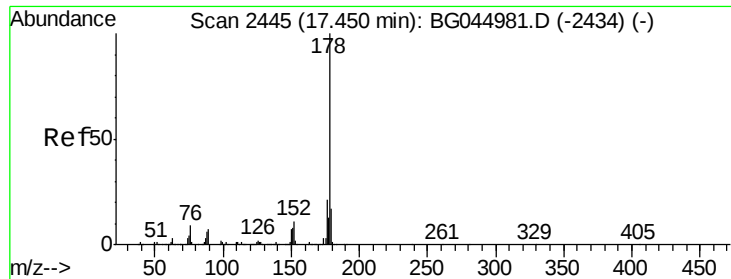
#70
 Pentachlorophenol
 Concen: 94.603 ng
 RT: 17.03 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.5	77.3
264	62.8	52.2	78.4



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





#71

Phenanthrene

Concen: 46.306 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

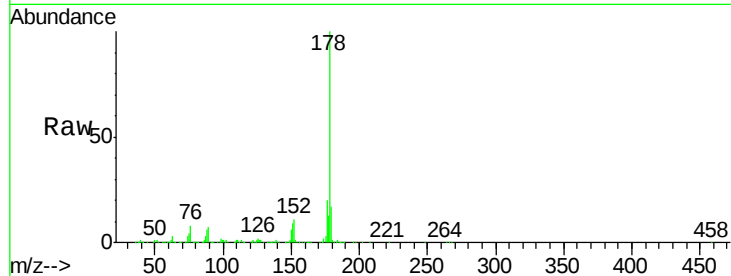
Tot Ion:178 Resp: 1233128

Ion Ratio Lower Upper

178 100

176 20.4 16.8 25.2

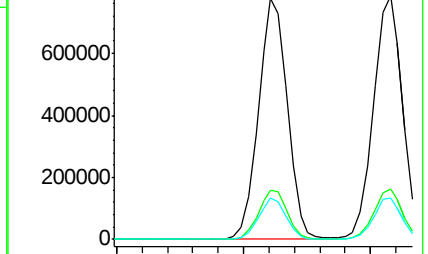
179 17.1 13.2 19.8



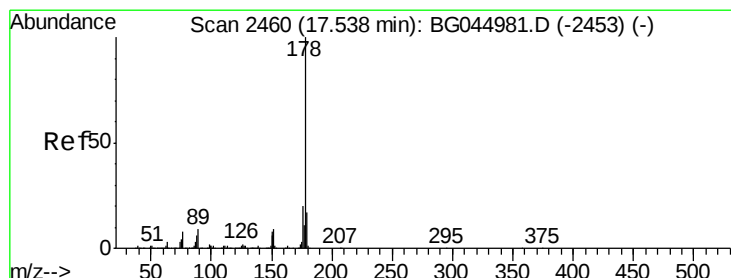
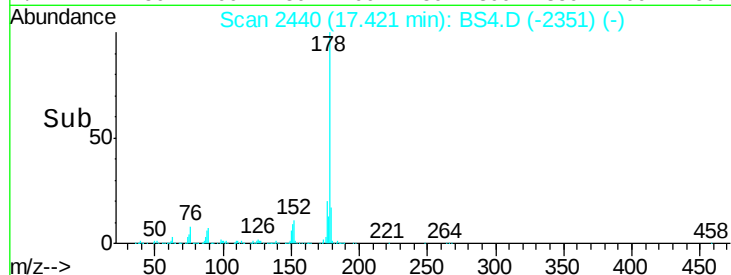
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.30 17.40 17.50



#72

Anthracene

Concen: 47.169 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

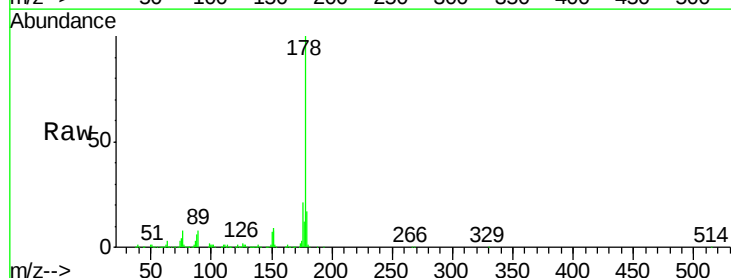
Tgt Ion:178 Resp: 1259992

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

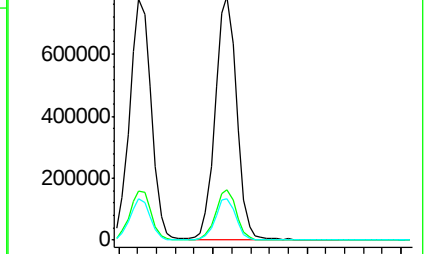
179 17.3 13.6 20.4



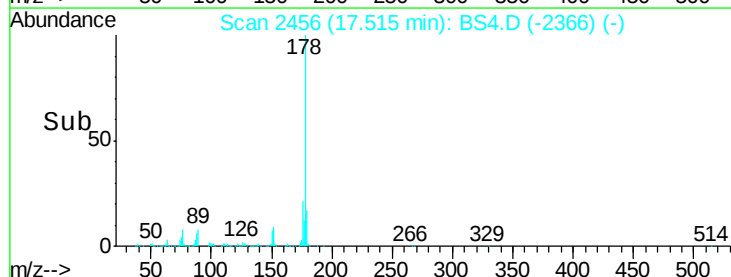
Abundance Ion 178.00 (177.70 to 178.70): E

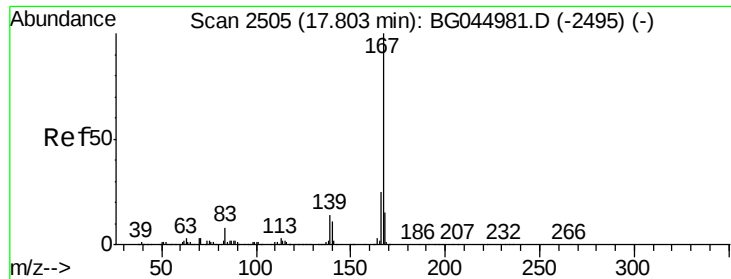
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.40 17.50 17.60



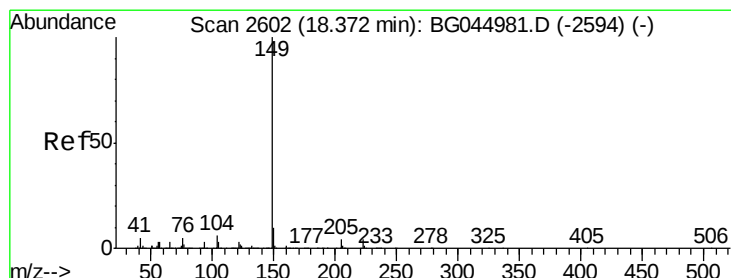
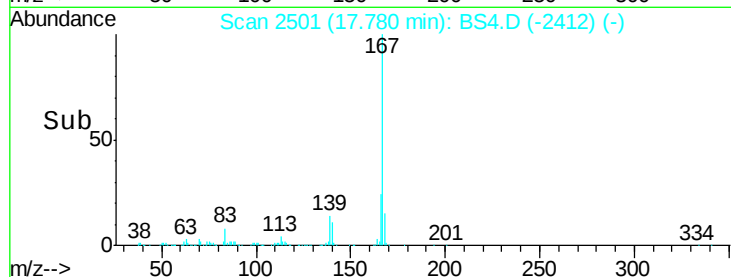
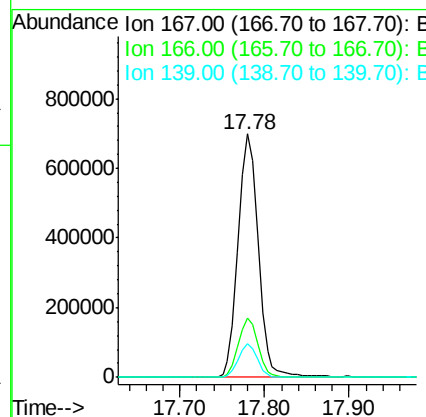
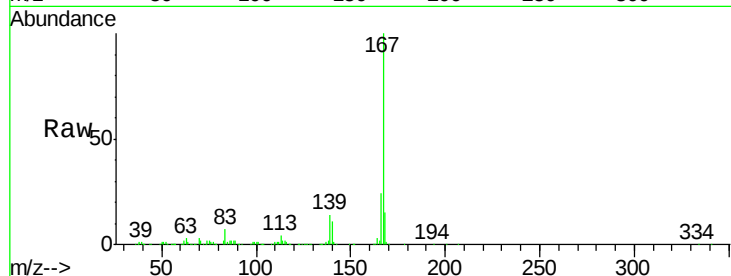


#73
 Carbazole
 Concen: 42.471 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1151289

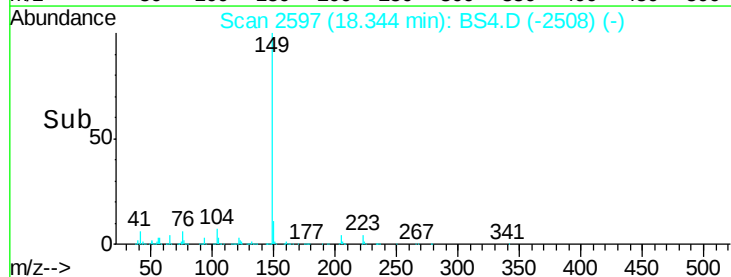
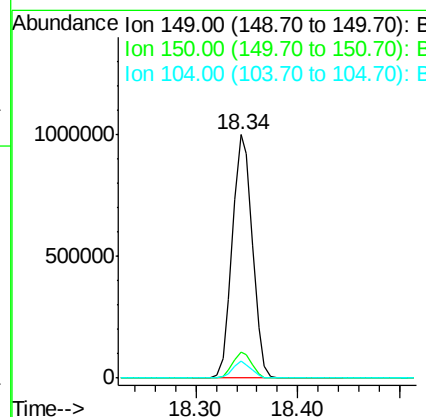
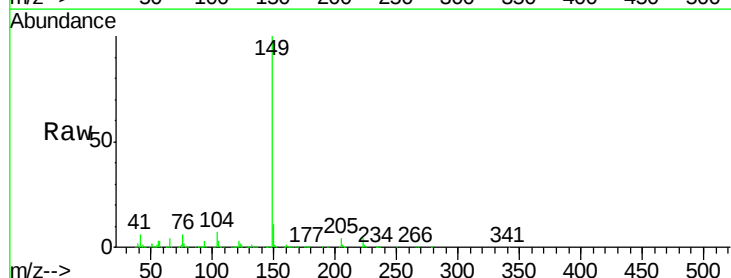
Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.8	29.6
139	13.7	10.9	16.3

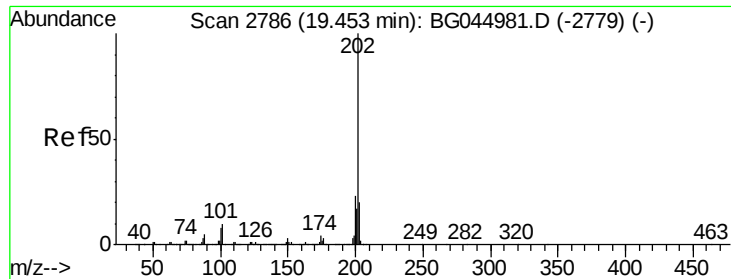


#74
 Di-n-butylphthalate
 Concen: 46.678 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BS4.D
 Acq: 2 May 2020 2:19

Tgt Ion:149 Resp: 1370717

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	6.8	4.8	7.2





#75

Fluoranthene

Concen: 49.969 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampled :

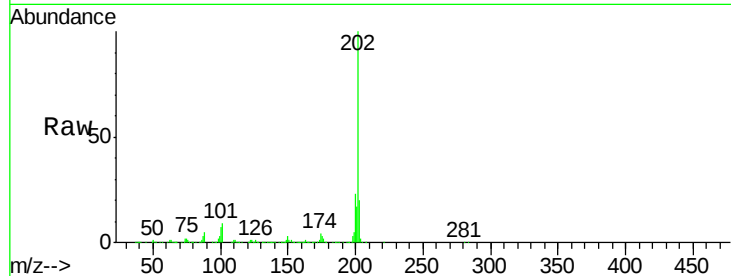
Tot Ion:202 Resp: 1542720

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.6

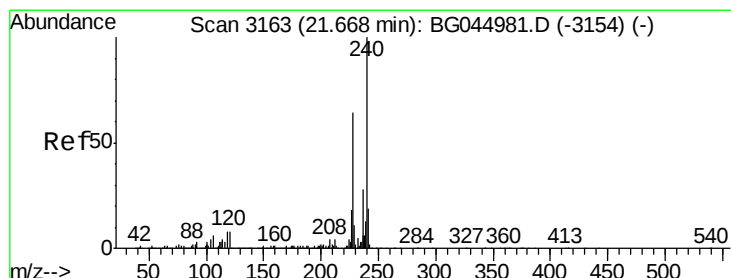
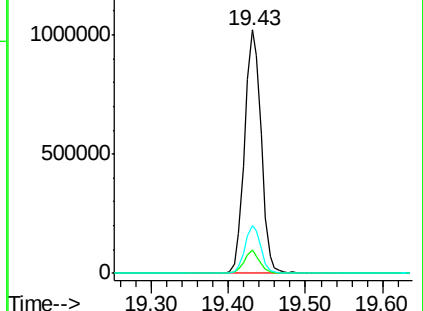
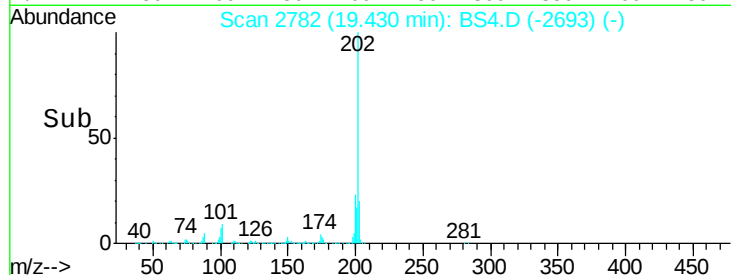
203 19.7 0.0 39.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

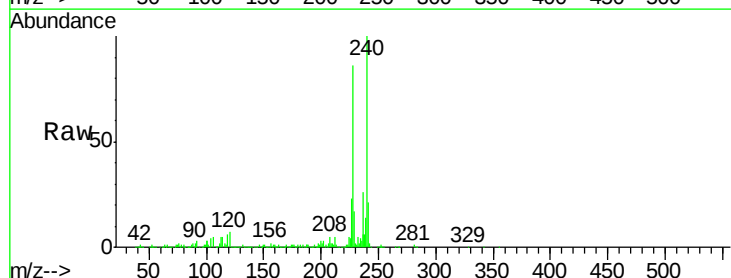
Tgt Ion:240 Resp: 480706

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

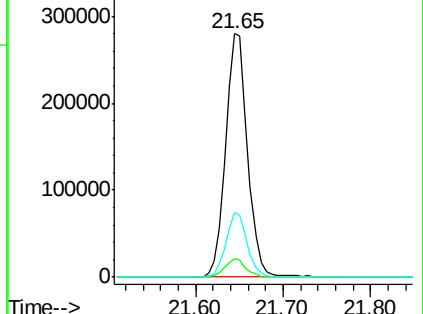
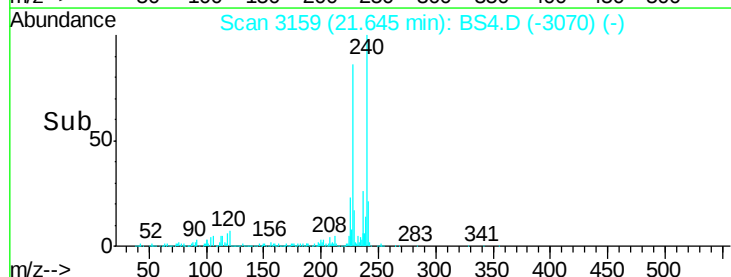
236 26.4 22.2 33.2



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





#77

Benzidine

Concen: 55.758 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

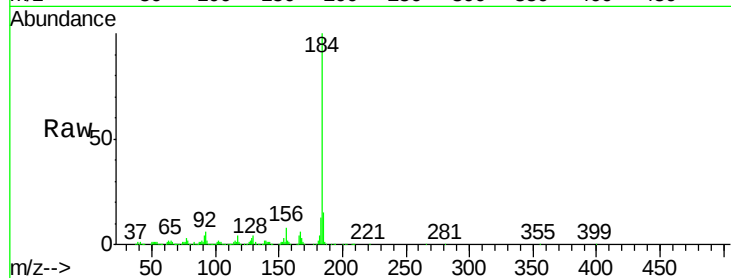
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 756508

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	12.6	11.3	16.9

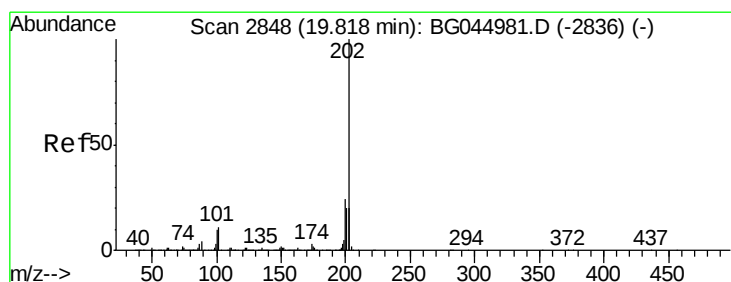
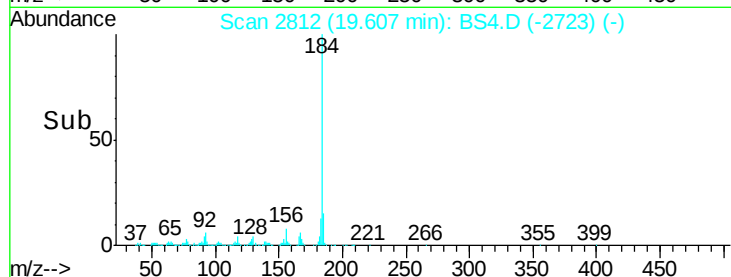
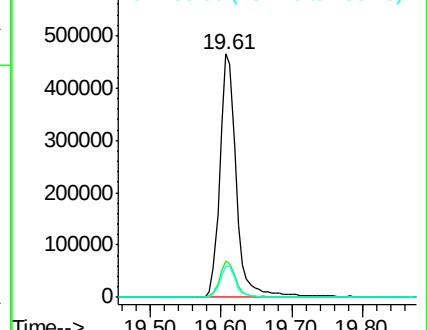


Abundance

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: 45.551 ng

RT: 19.79 min Scan# 2844

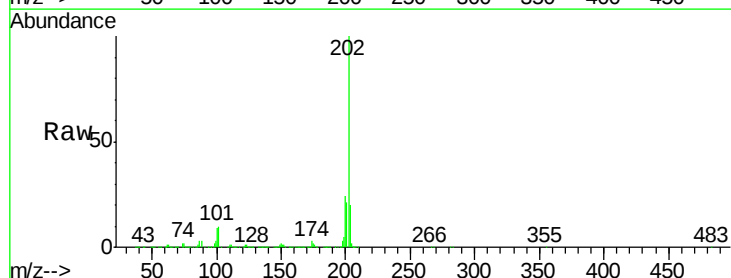
Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Tgt Ion:202 Resp: 1509560

Ion	Ratio	Lower	Upper
202	100		
200	24.4	19.0	28.6
203	19.6	16.1	24.1

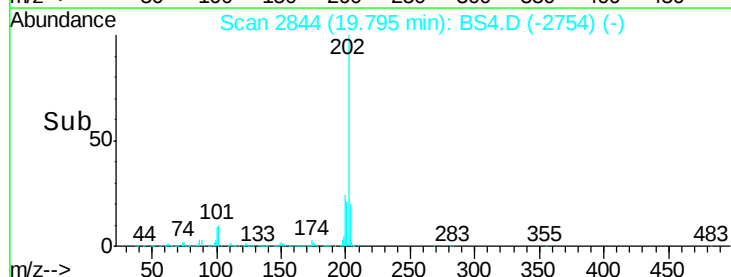
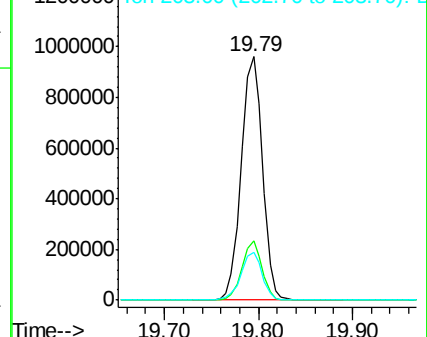


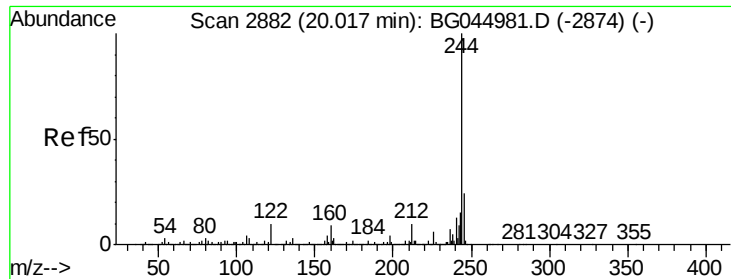
Abundance

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: 99.650 ng

RT: 19.99 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampleId :

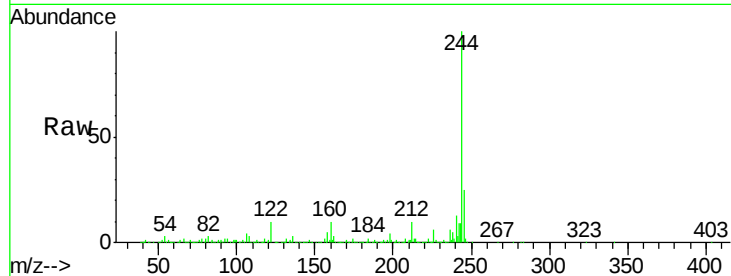
Tot Ion:244 Resp: 2197801

Ion Ratio Lower Upper

244 100

212 10.3 7.9 11.9

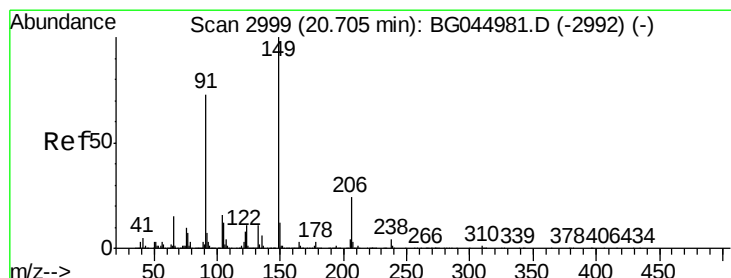
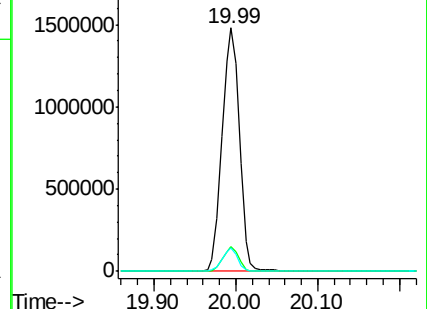
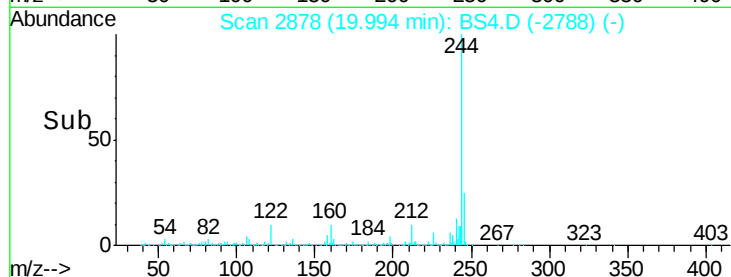
122 9.8 7.7 11.5



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: 44.808 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

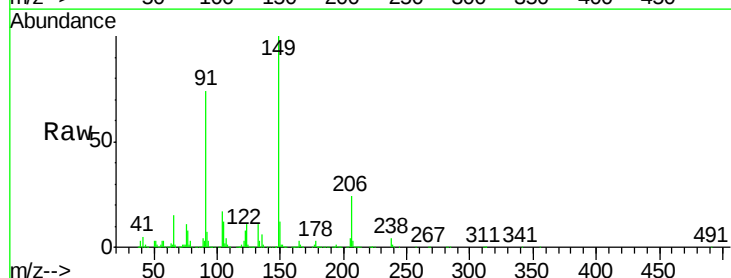
Tgt Ion:149 Resp: 615530

Ion Ratio Lower Upper

149 100

91 74.4 58.5 87.7

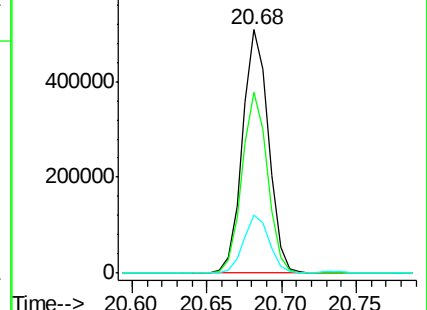
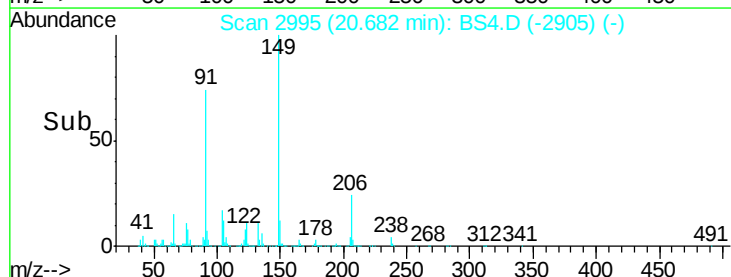
206 23.9 19.2 28.8

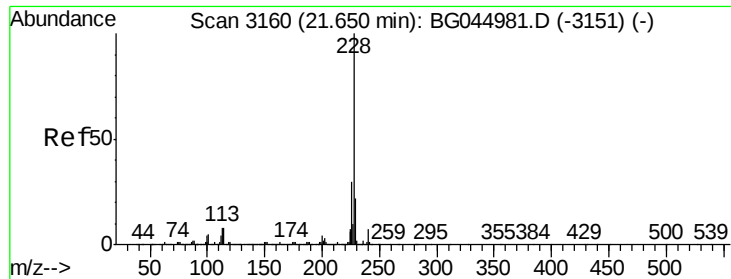


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BS4

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.878 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampled :

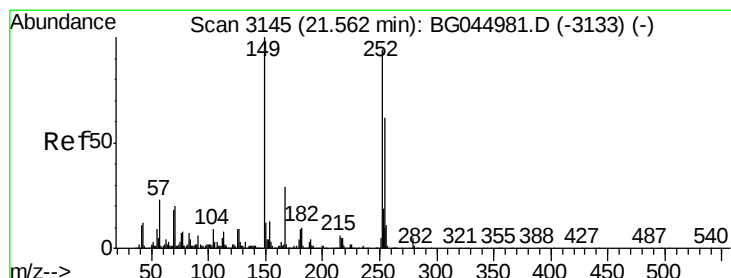
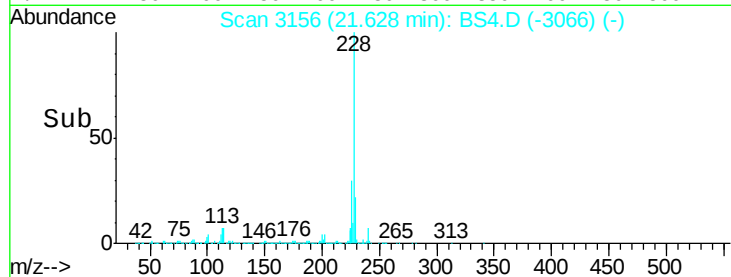
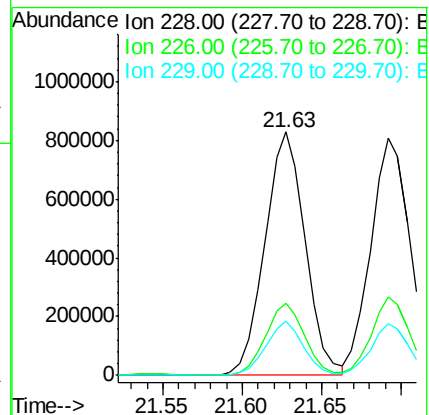
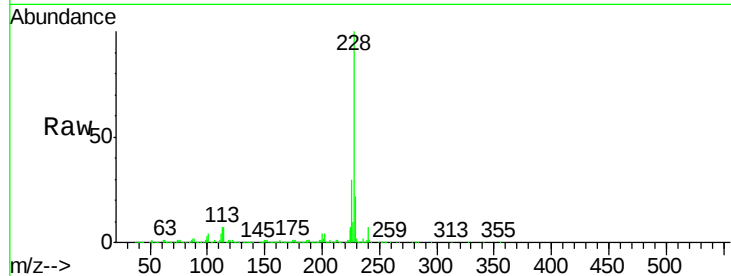
Tot Ion:228 Resp: 1460557

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.0	17.5	26.3

228 100

226 29.7 24.0 36.0

229 22.0 17.5 26.3



#82

3,3'-Dichlorobenzidine

Concen: 36.847 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

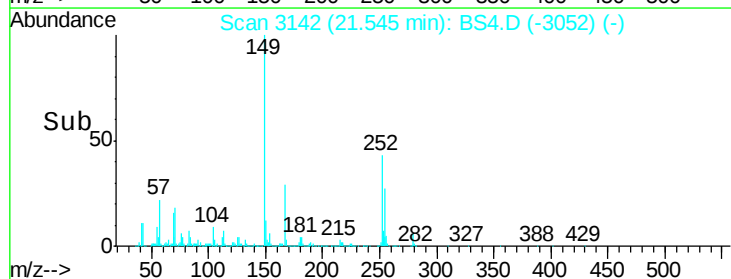
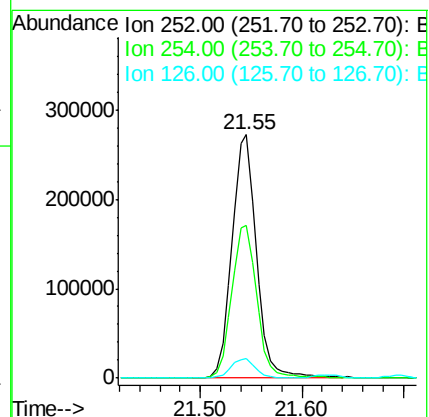
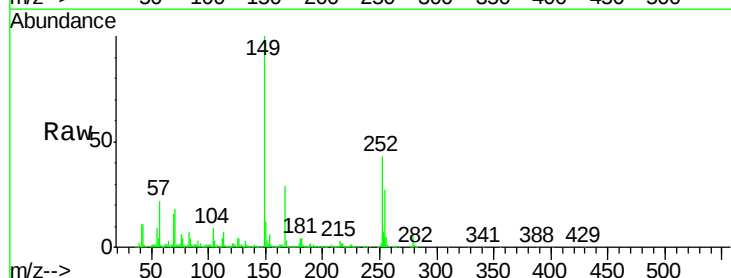
Tgt Ion:252 Resp: 456943

Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	79.0
126	8.2	7.5	11.3

252 100

254 62.9 52.6 79.0

126 8.2 7.5 11.3





#83

Chrysene

Concen: 46.627 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

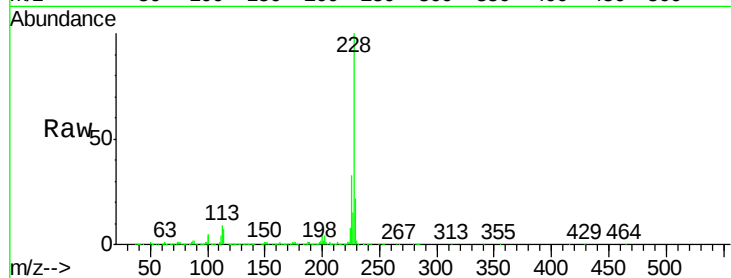
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1395813

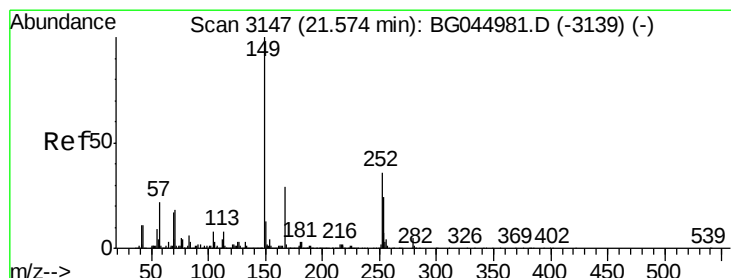
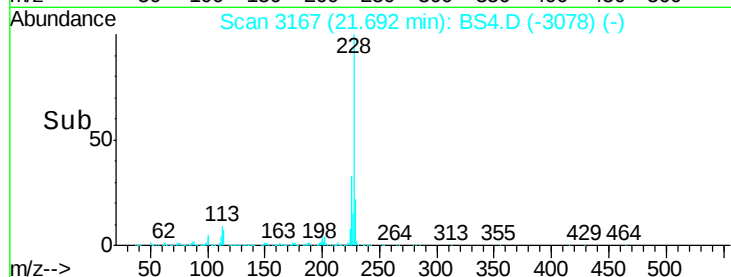
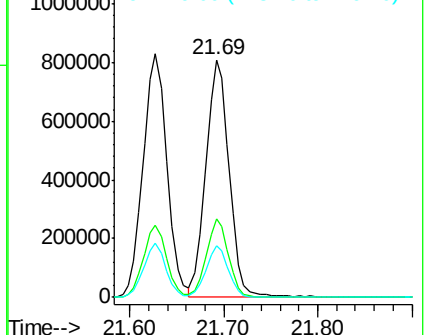
Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	21.8	17.0	25.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.747 ng

RT: 21.55 min Scan# 3142

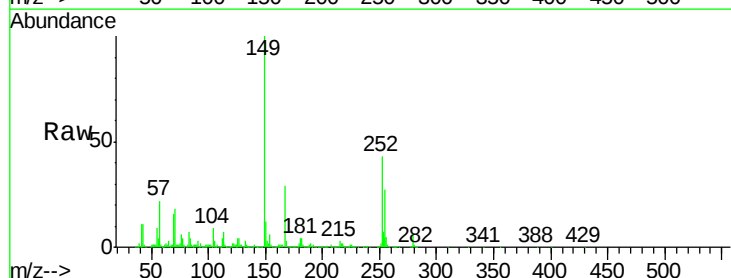
Delta R.T. 0.00 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Tgt Ion:149 Resp: 864306

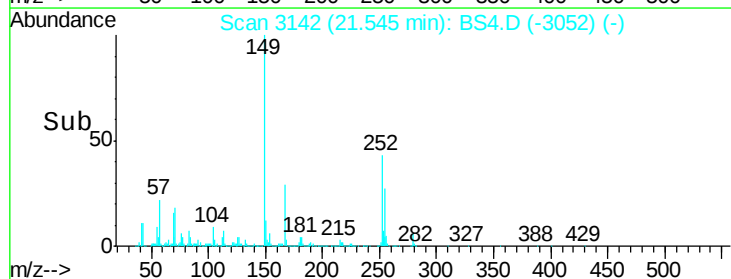
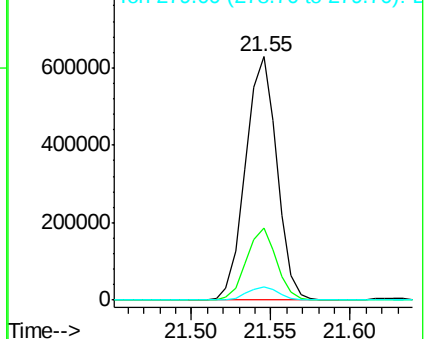
Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.0
279	5.6	4.3	6.5

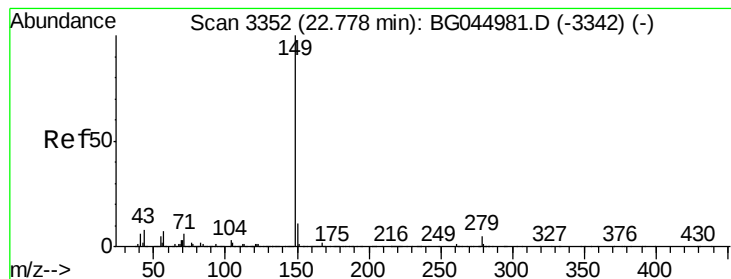


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.590 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Instrument :

BNA_G

ClientSampled :

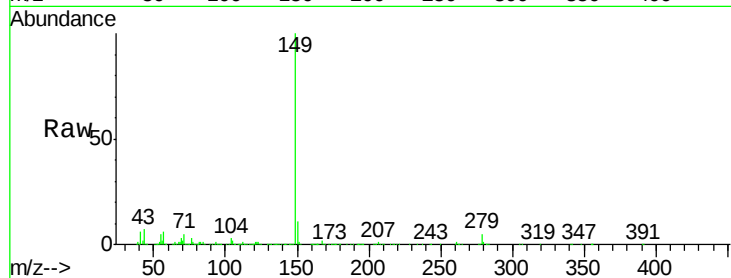
Tot Ion:149 Resp: 1489463

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

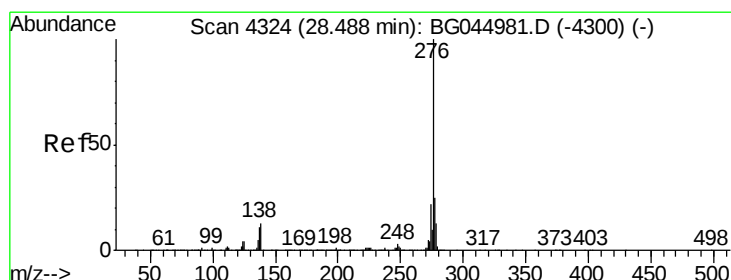
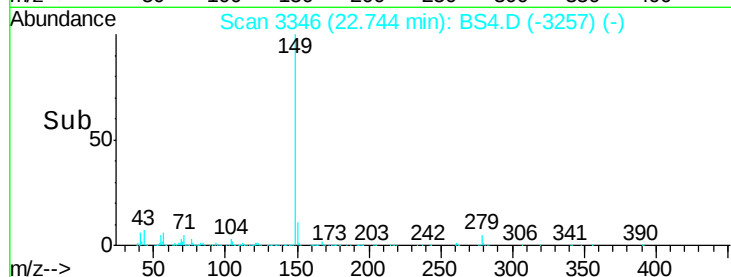
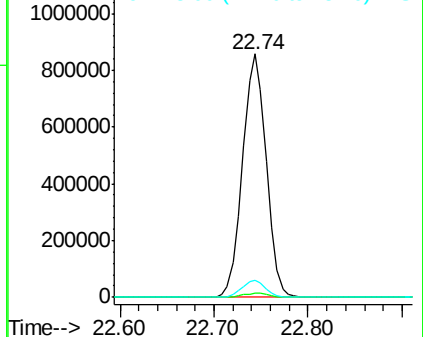
43 7.1 5.7 8.5



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): BS4



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.386 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

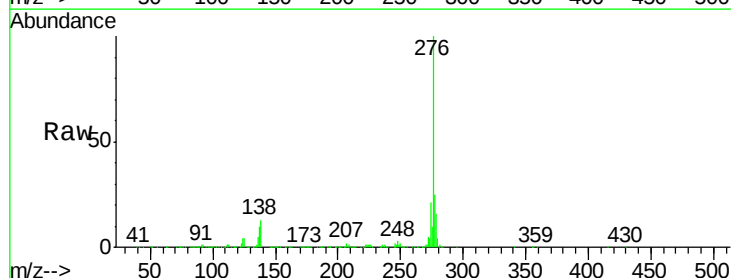
Tgt Ion:276 Resp: 1923123

Ion Ratio Lower Upper

276 100

138 15.2 9.6 14.4#

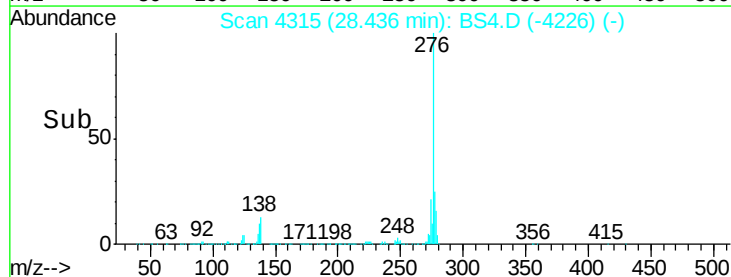
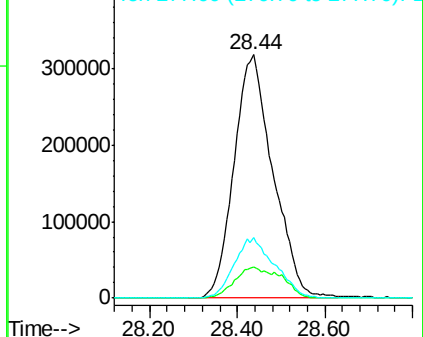
277 25.8 20.6 31.0

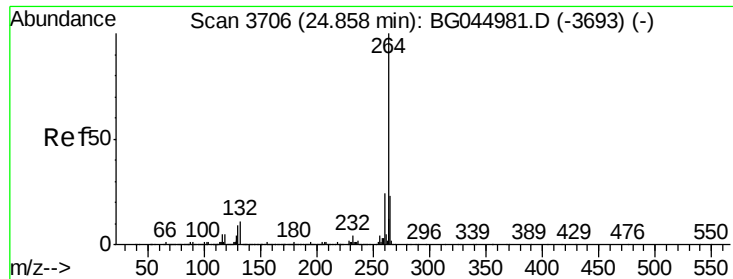


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



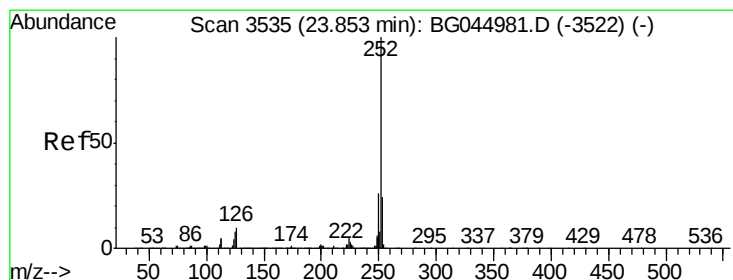
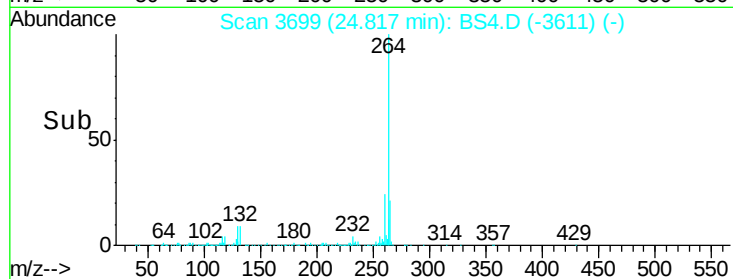
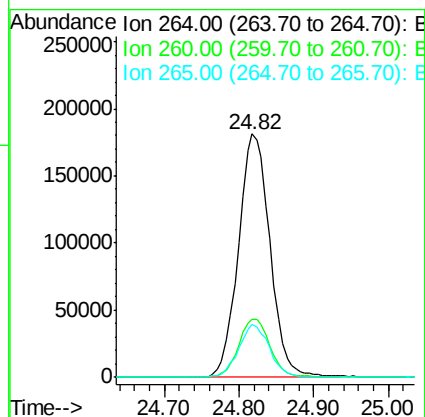
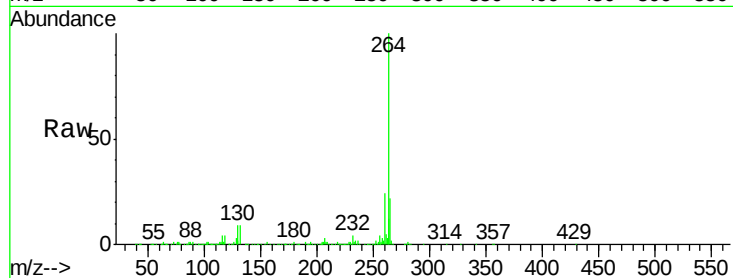


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 531568

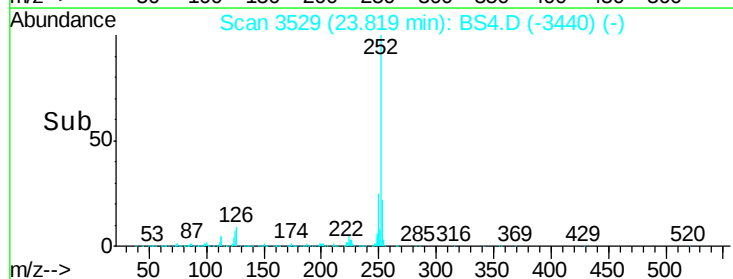
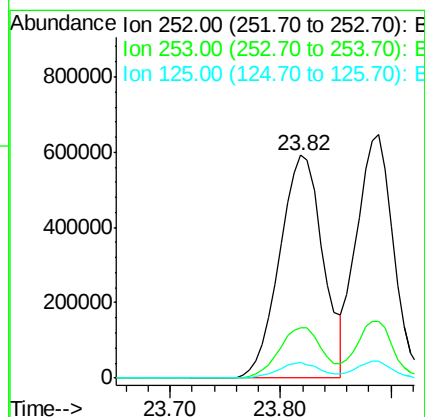
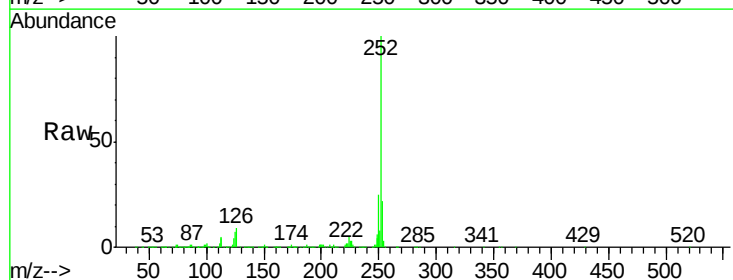
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 48.272 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:252 Resp: 1607315

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	7.2	6.2	9.4

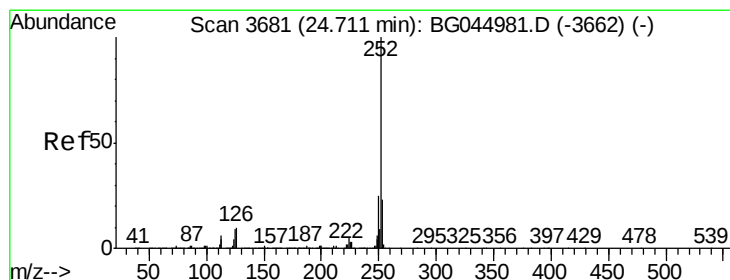
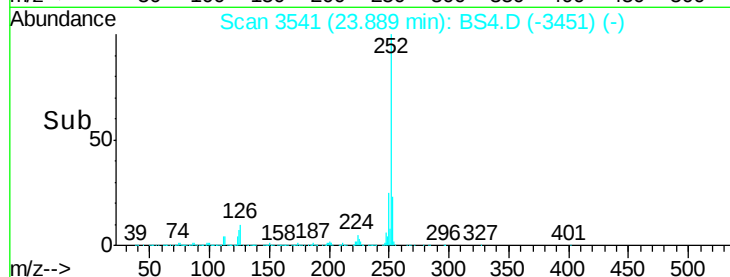
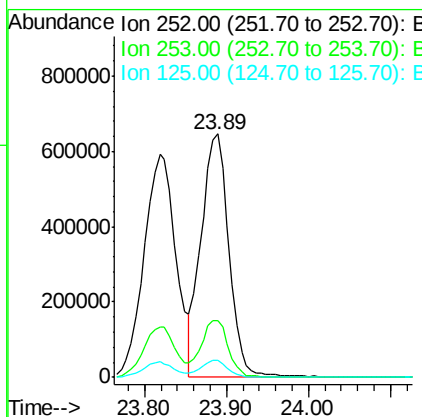
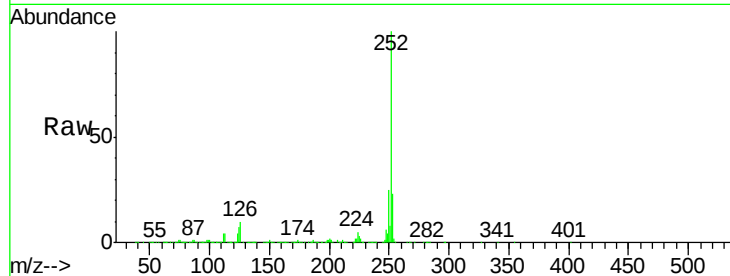




#89
Benzo(k)fluoranthene
Concen: 48.004 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

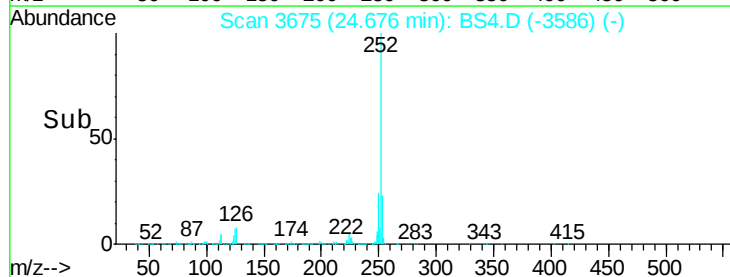
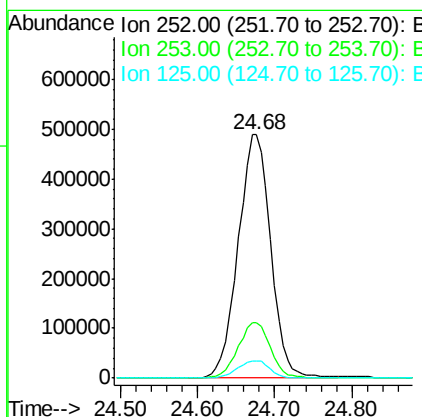
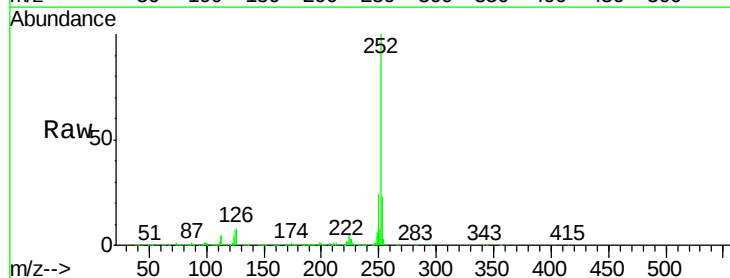
Instrument :
BNA_G
ClientSampleId :

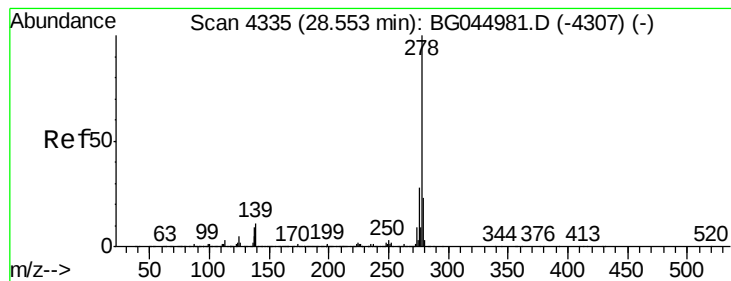
Tot Ion:252 Resp: 1520087
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 7.0 5.9 8.9



#90
Benzo(a)pyrene
Concen: 46.100 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BS4.D
Acq: 2 May 2020 2:19

Tgt Ion:252 Resp: 1449265
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 7.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.271 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

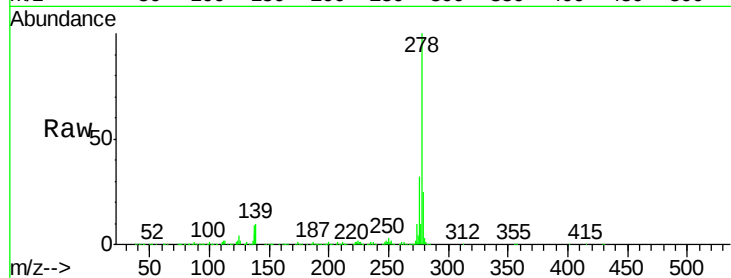
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1529125

Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.0	13.6
279	24.5	18.4	27.6

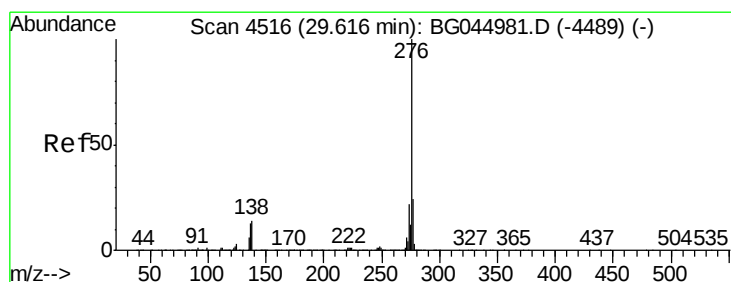
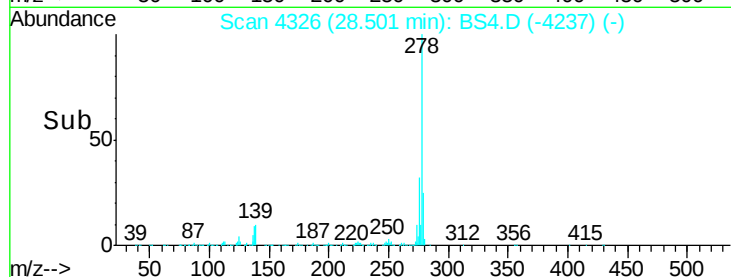
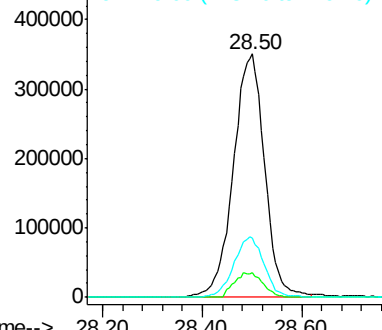


Abundance

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: 49.759 ng

RT: 29.55 min Scan# 4505

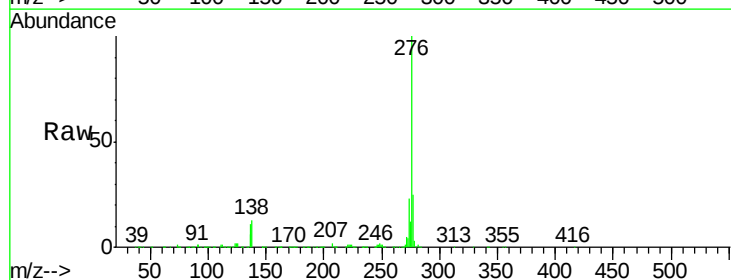
Delta R.T. -0.02 min

Lab File: BS4.D

Acq: 2 May 2020 2:19

Tgt Ion:276 Resp: 1580295

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	13.2	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

