

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134905.D
 Acq On : 23 Aug 2023 15:34
 Operator : CG\JU
 Sample : 04100-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 24 04:25:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.298	136	215	20.000	ng	# 0.22
39) Acenaphthene-d10	10.063	164	1286	20.000	ng	# 0.23
64) Phenanthrene-d10	11.622	188	5831	20.000	ng	# 0.29
76) Chrysene-d12	14.351	240	3649	20.000	ng	# 0.37
86) Perylene-d12	15.827	264	1617	20.000	ng	# 0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	792806	0.000	ng	0.00
7) Phenol-d6	6.434	99	979774	0.000	ng	0.00
23) Nitrobenzene-d5	7.357	82	601406	154137.697	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	192402	12703.264	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	968748	11645.260	ng	0.00
79) Terphenyl-d14	13.369	244	4946	18.643	ng	0.45
Target Compounds						
						Qvalue
22) Acetophenone	7.416	105	56	11.784	ng	# 1
24) Nitrobenzene	7.587	77	189	48.274	ng	# 38
25) Isophorone	7.798	82	438	60.118	ng	# 28
27) 2,4-Dimethylphenol	7.875	122	182	57.249	ng	# 55
28) bis(2-Chloroethoxy)met...	8.081	93	393	90.504	ng	# 36
31) Naphthalene	8.092	128	15362	1430.944	ng	# 96
32) Benzoic acid	8.092	122	73	31.115	ng	# 1
33) 4-Chloroaniline	8.134	127	160	34.736	ng	# 47
35) Caprolactam	8.787	113	108	110.143	ng	# 1
36) 4-Chloro-3-methylphenol	8.875	107	2842	857.381	ng	# 74
37) 2-Methylnaphthalene	9.151	142	576	80.453	ng	# 88
38) 1-Methylnaphthalene	9.151	142	576	86.040	ng	# 83
43) 2,4,6-Trichlorophenol	9.392	196	53	2.048	ng	# 10
46) 1,1'-Biphenyl	9.251	154	3047	30.012	ng	# 85
47) 2-Chloronaphthalene	9.510	162	2163	28.528	ng	# 1
48) 2-Nitroaniline	9.592	65	1390	55.770	ng	# 89
49) Acenaphthylene	9.945	152	1273	10.902	ng	# 1
50) Dimethylphthalate	9.775	163	18713	204.427	ng	# 77
51) 2,6-Dinitrotoluene	9.845	165	3060	151.563	ng	# 40
52) Acenaphthene	9.863	154	19295	262.307	ng	# 89
53) 3-Nitroaniline	10.034	138	1351	61.265	ng	# 21
54) 2,4-Dinitrophenol	10.175	184	1023	107.090	ng	# 1
55) Dibenzofuran	10.234	168	778	7.264	ng	# 1
56) 4-Nitrophenol	10.186	139	1592	103.595	ng	# 1
57) 2,4-Dinitrotoluene	10.292	165	11548	462.505	ng	# 42
58) Fluorene	10.634	166	7084	87.211	ng	# 6
59) 2,3,4,6-Tetrachlorophenol	10.428	232	3065	131.295	ng	# 1
60) Diethylphthalate	10.516	149	11551	137.730	ng	# 32
61) 4-Chlorophenyl-phenyle...	10.398	204	20217	496.503	ng	# 94
62) 4-Nitroaniline	10.657	138	3445	167.117	ng	# 1
63) Azobenzene	10.763	77	9580	114.985	ng	# 12
65) 4,6-Dinitro-2-methylph...	10.716	198	2895	84.141	ng	# 1
66) n-Nitrosodiphenylamine	10.786	169	12925	68.833	ng	# 58
67) 4-Bromophenyl-phenylether	11.139	248	1478	21.970	ng	# 1
68) Hexachlorobenzene	11.216	284	263	3.676	ng	# 1
69) Atrazine	11.316	200	916	17.964	ng	# 1

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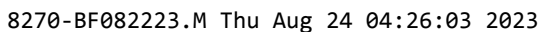
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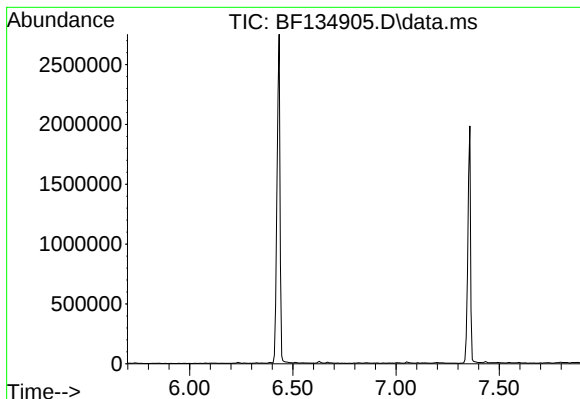
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Pentachlorophenol	11.422	266	281	6.526	ng	# 1
71) Phenanthrene	11.416	178	79151	259.040	ng	# 70
72) Anthracene	11.669	178	2777	8.870	ng	# 1
73) Carbazole	11.875	167	4117	15.959	ng	# 1
74) Di-n-butylphthalate	12.233	149	10775	36.418	ng	# 48
75) Fluoranthene	12.804	202	491190	1696.592	ng	94
77) Benzidine	12.998	184	356	6.013	ng	# 1
80) Butylbenzylphthalate	13.874	149	8966	76.064	ng	# 53
81) Benzo(a)anthracene	14.110	228	32477	130.449	ng	# 35
82) 3,3'-Dichlorobenzidine	14.298	252	1425	18.084	ng	# 52
83) Chrysene	14.386	228	1580	6.432	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.510	149	2321	18.177	ng	# 70
85) Di-n-octyl phthalate	15.004	149	787	3.780	ng	# 75
87) Indeno(1,2,3-cd)pyrene	17.404	276	136292	1179.184	ng	96
88) Benzo(b)fluoranthene	15.404	252	255418	2799.711	ng	99
89) Benzo(k)fluoranthene	15.404	252	255418	2851.098	ng	97
90) Benzo(a)pyrene	15.498	252	69951	768.072	ng	# 92
91) Dibenzo(a,h)anthracene	17.392	278	4849	51.850	ng	# 80
92) Benzo(g,h,i)perylene	17.639	276	29827	311.561	ng	# 91

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

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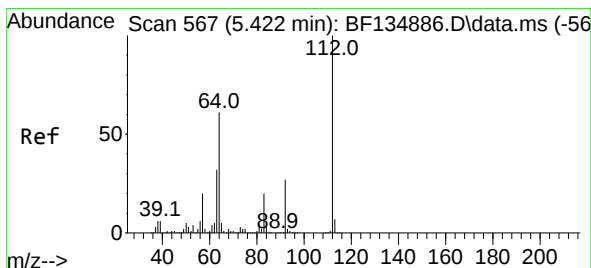
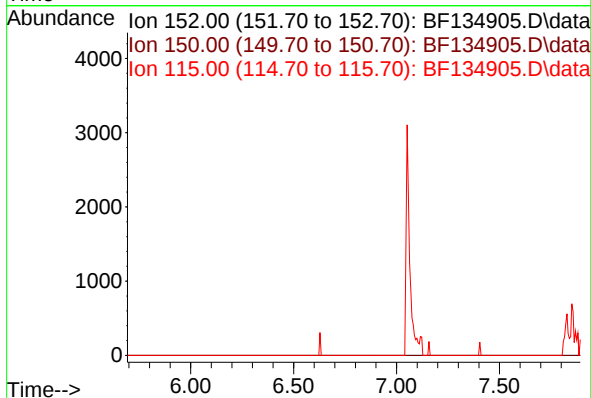




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BF134905.D
 Acq: 23 Aug 2023 15:34

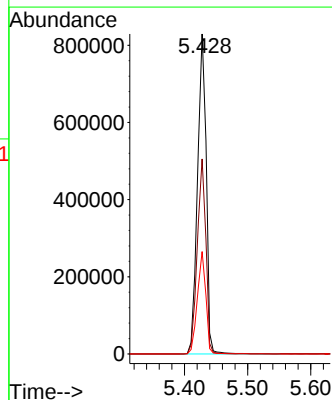
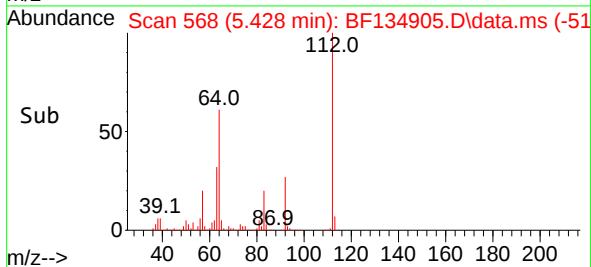
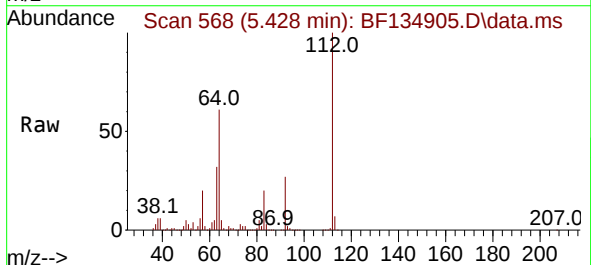
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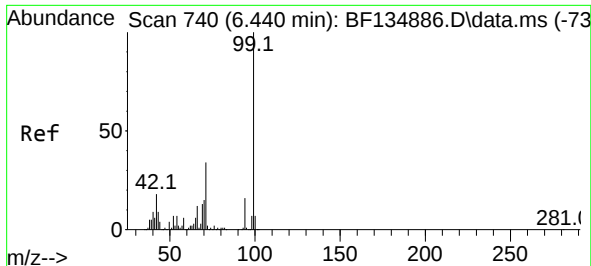
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.6
 115 63.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF134905.D
 Acq: 23 Aug 2023 15:34

Tgt Ion: 112 Resp: 792806
 Ion Ratio Lower Upper
 112 100
 64 60.9 48.6 73.0
 63 32.0 25.7 38.5

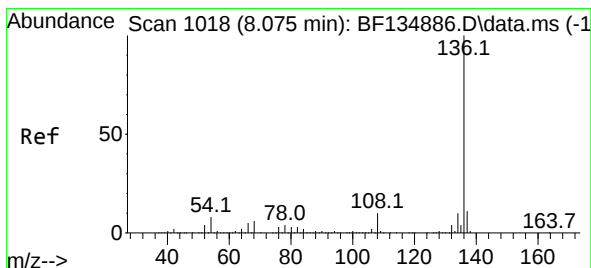
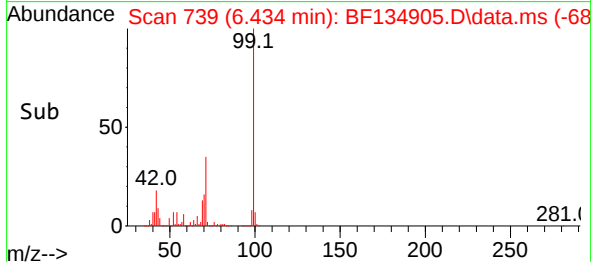
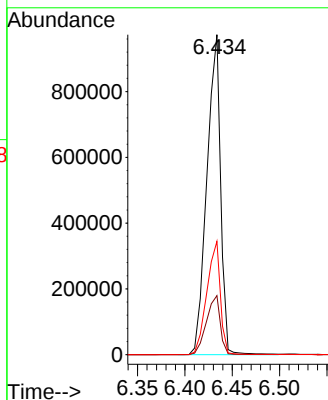
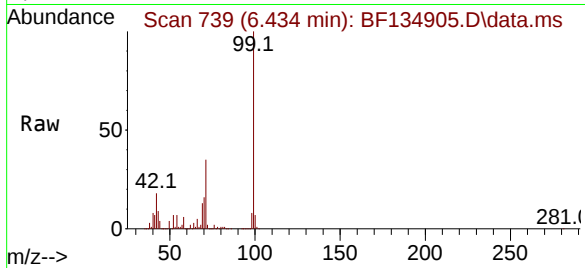




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

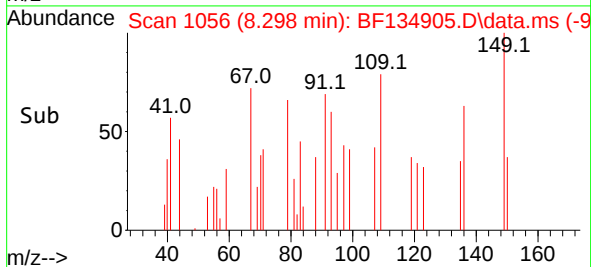
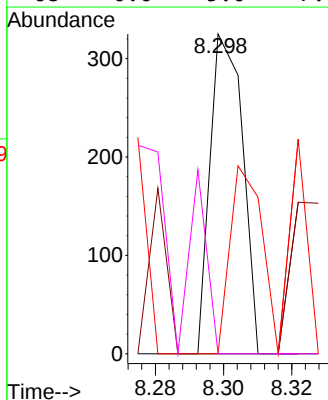
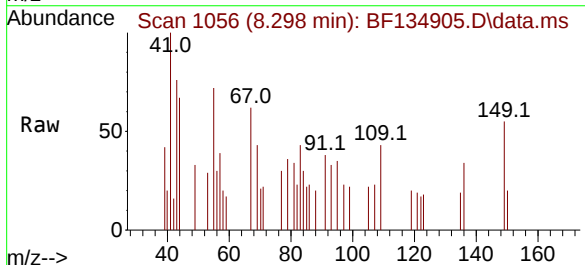
Instrument :
BNA_F
ClientSampleId :
WC-1

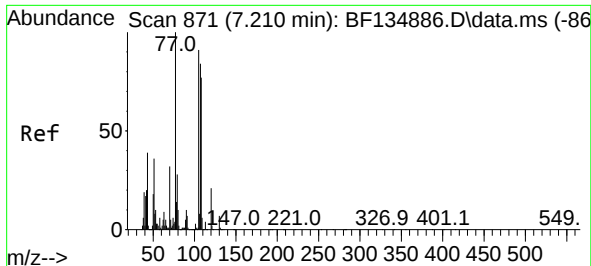
Tgt Ion: 99 Resp: 979774
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 35.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.224 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion: 136 Resp: 215
Ion Ratio Lower Upper
136 100
137 0.0 8.9 13.3#
54 0.0 6.6 9.8#
68 0.0 5.0 7.4#

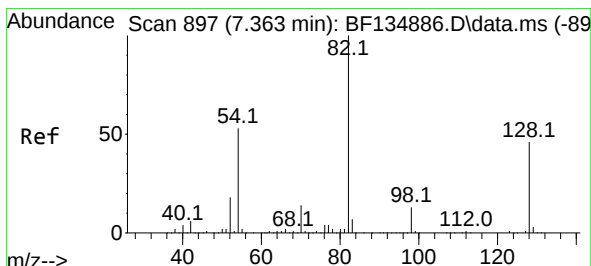
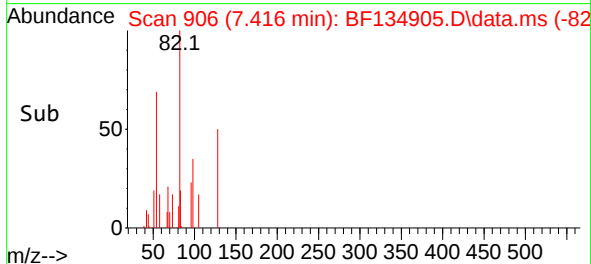
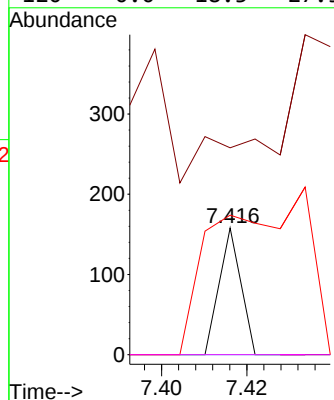
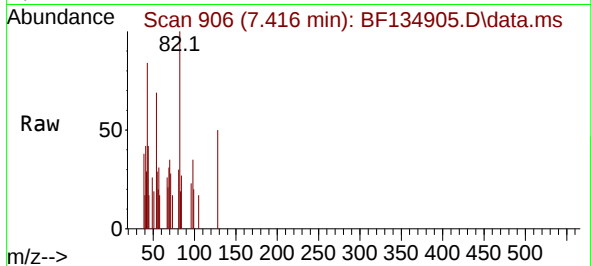




#22
Acetophenone
Concen: 11.784 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.206 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

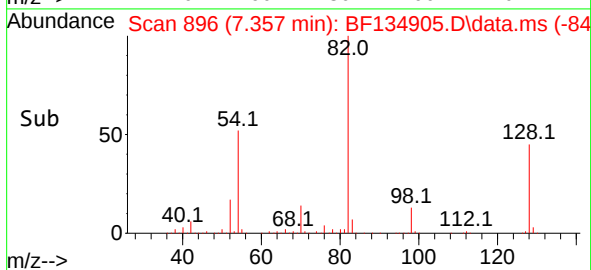
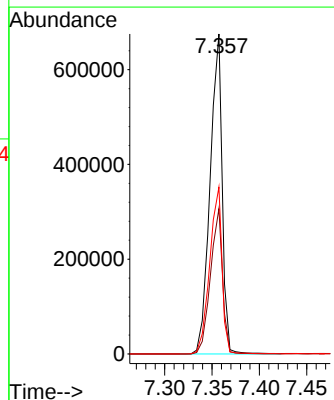
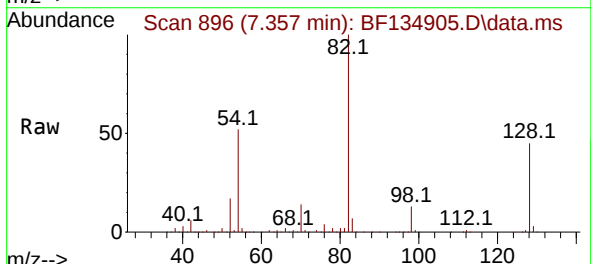
Instrument :
BNA_F
ClientSampleId :
WC-1

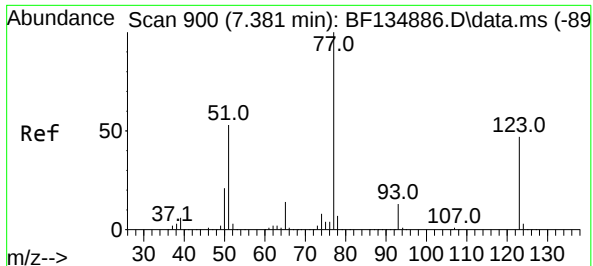
Tgt Ion:	105	Resp:	56
Ion	Ratio	Lower	Upper
105	100		
71	163.3	4.6	6.8#
51	110.1	32.2	48.2#
120	0.0	18.3	27.5#



#23
Nitrobenzene-d5
Concen: 154137.697 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:	82	Resp:	601406
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	54.8
54	52.1	42.6	63.8





#24

Nitrobenzene

Concen: 48.274 ng

RT: 7.587 min Scan# 91

Delta R.T. 0.206 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

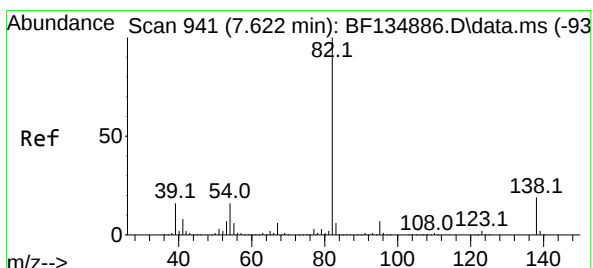
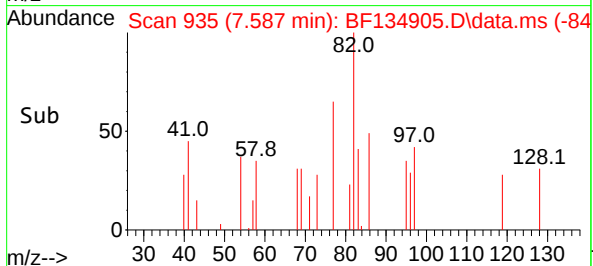
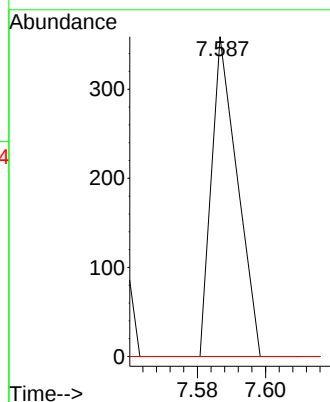
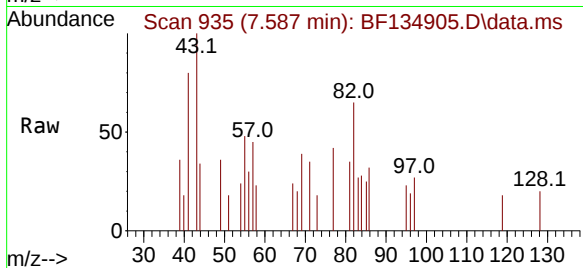
Tgt Ion: 77 Resp: 189

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

65 0.0 11.1 16.7#



#25

Isophorone

Concen: 60.118 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.176 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

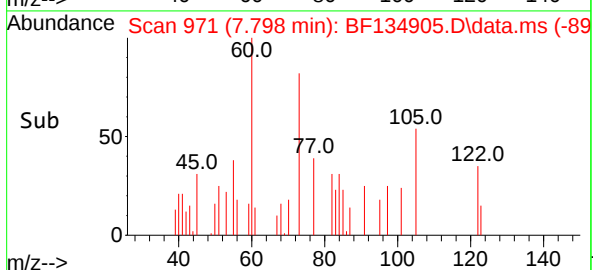
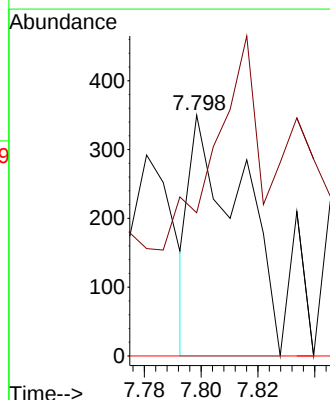
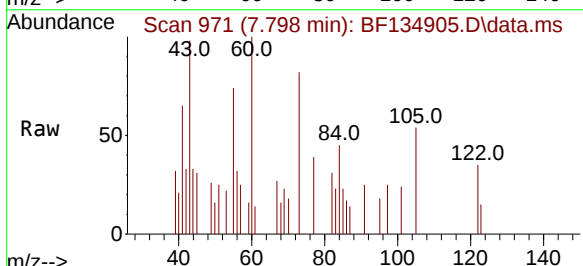
Tgt Ion: 82 Resp: 438

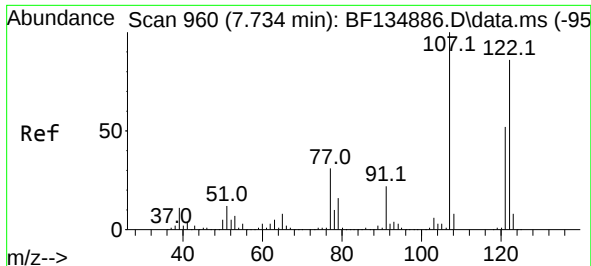
Ion Ratio Lower Upper

82 100

95 59.4 5.9 8.9#

138 0.0 14.9 22.3#

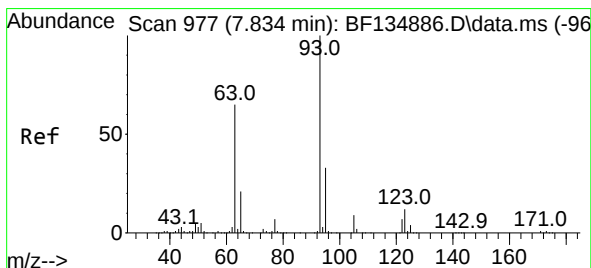
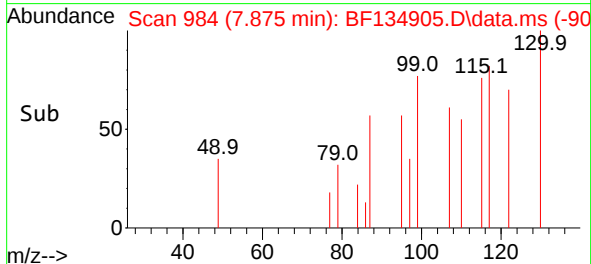
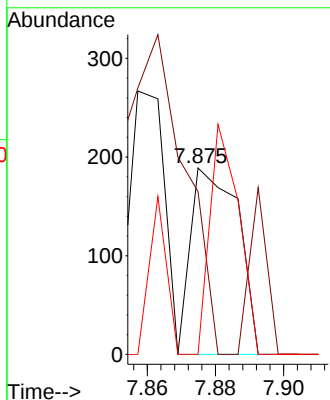
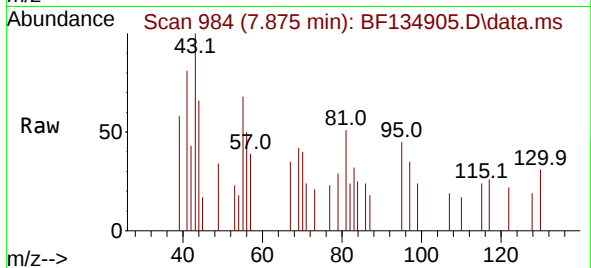




#27
2,4-Dimethylphenol
Concen: 57.249 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

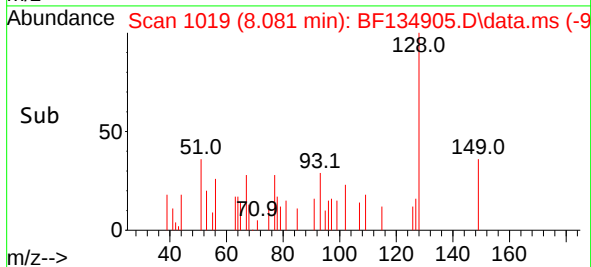
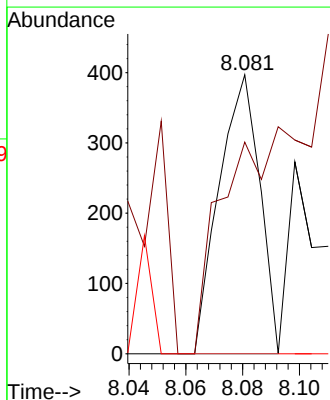
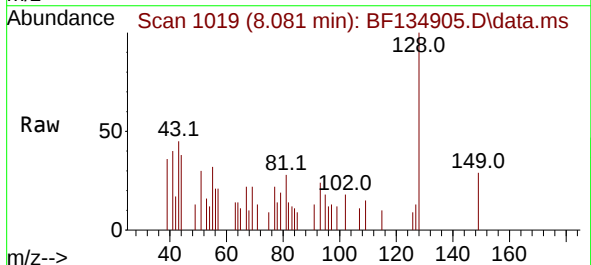
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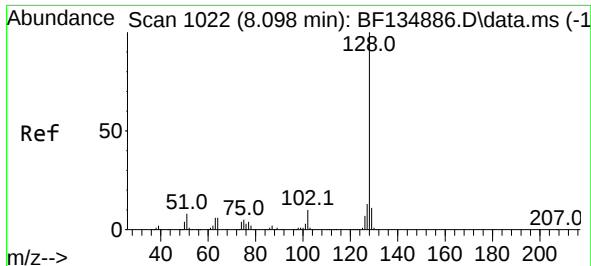
Tgt Ion:122 Resp: 182
Ion Ratio Lower Upper
122 100
107 87.3 92.9 139.3#
121 0.0 48.4 72.6#



#28
bis(2-Chloroethoxy)methane
Concen: 90.504 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.247 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion: 93 Resp: 393
Ion Ratio Lower Upper
93 100
95 75.8 26.3 39.5#
123 0.0 9.9 14.9#

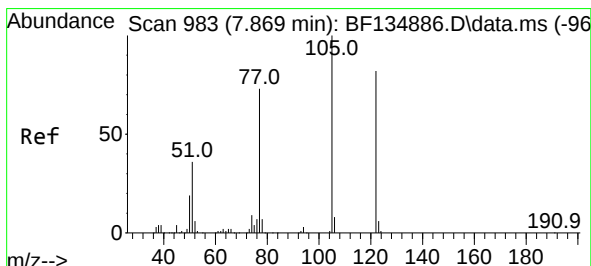
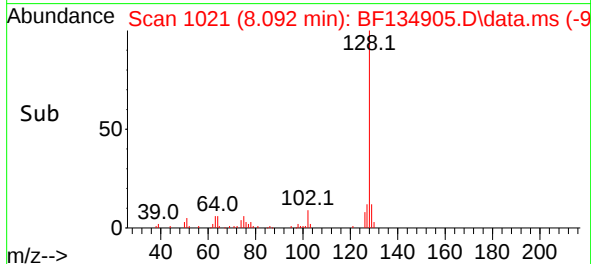
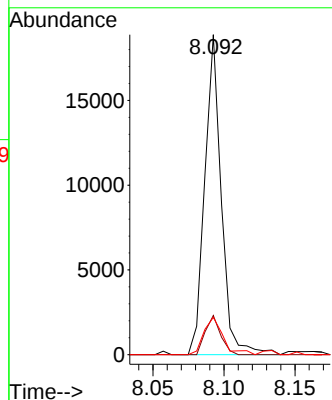
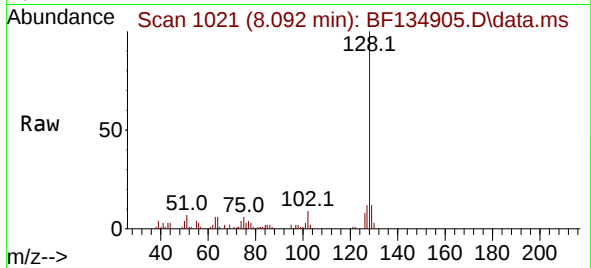




#31
Naphthalene
Concen: 1430.944 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

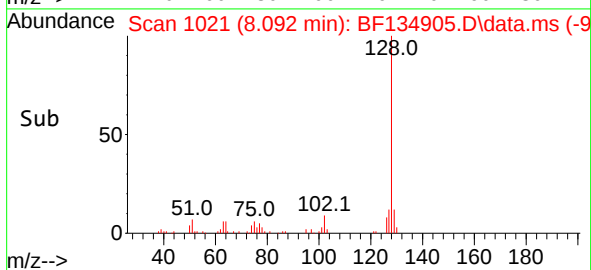
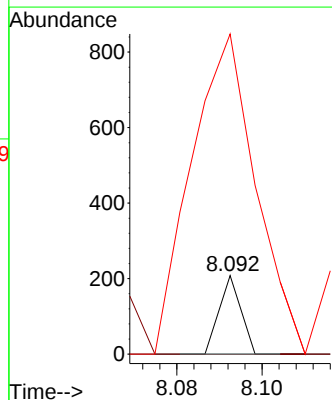
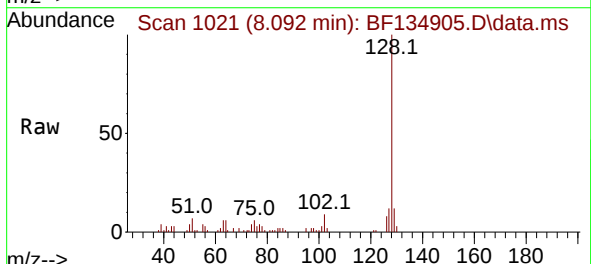
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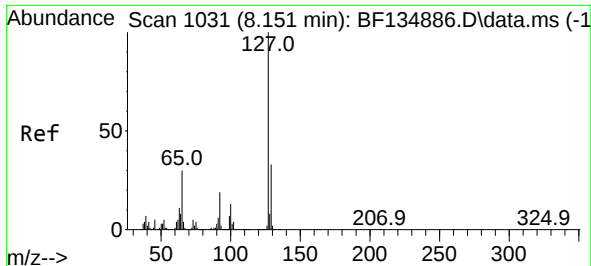
Tgt Ion:	128	Resp:	15362
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.0	13.4
127	11.7	10.6	16.0



#32
Benzoic acid
Concen: 31.115 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.224 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:	122	Resp:	73
Ion Ratio	Lower	Upper	
122	100		
105	0.0	98.6	138.6#
77	407.7	68.6	108.6#

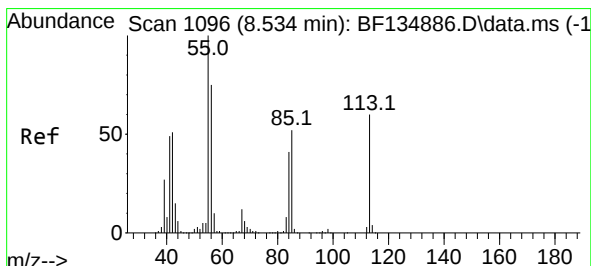
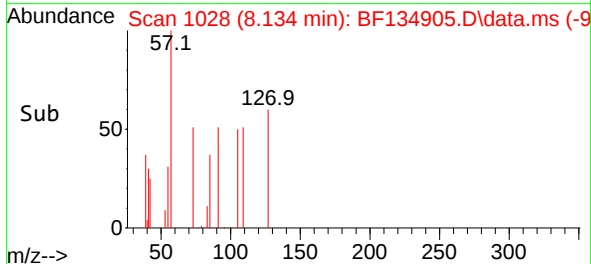
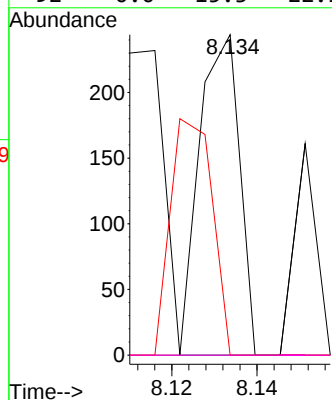
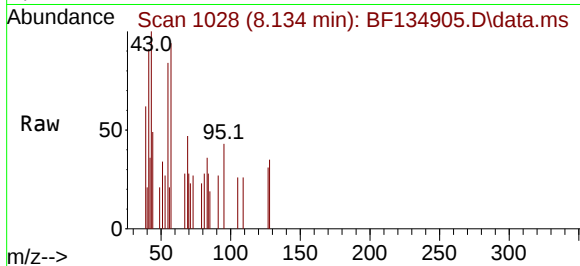




#33
4-Chloroaniline
Concen: 34.736 ng
RT: 8.134 min Scan# 1139
Delta R.T. -0.018 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

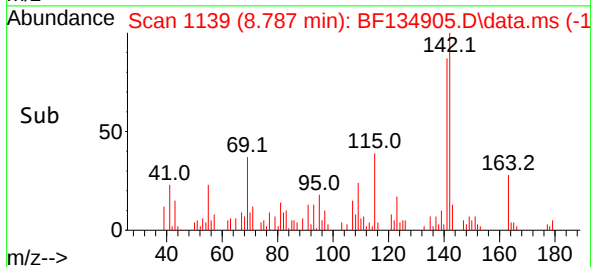
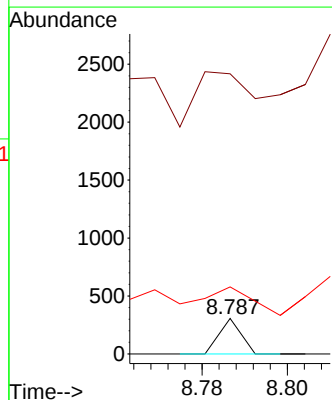
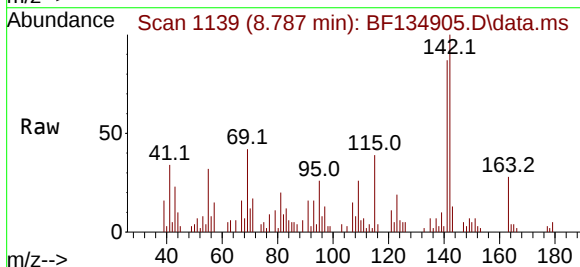
Instrument :
BNA_F
ClientSampleId :
WC-1

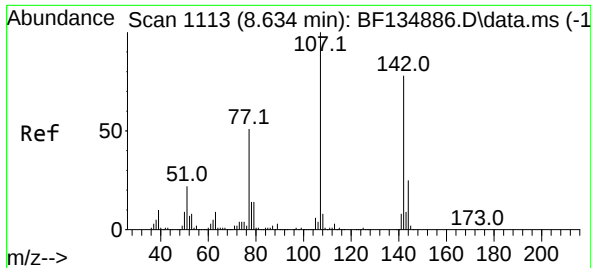
Tgt Ion:127	Resp:	160
Ion Ratio	Lower	Upper
127	100	
129	0.0	26.4 39.6#
65	0.0	23.8 35.8#
92	0.0	15.3 22.9#



#35
Caprolactam
Concen: 110.143 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.253 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:113	Resp:	108
Ion Ratio	Lower	Upper
113	100	
55	789.9	147.2 187.2#
56	188.9	106.0 146.0#

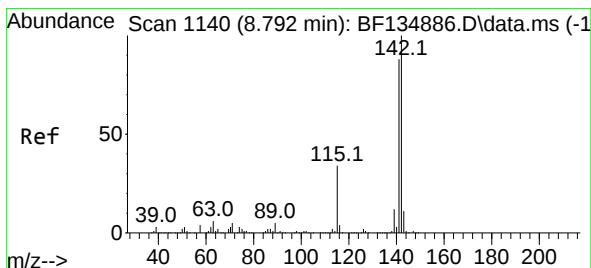
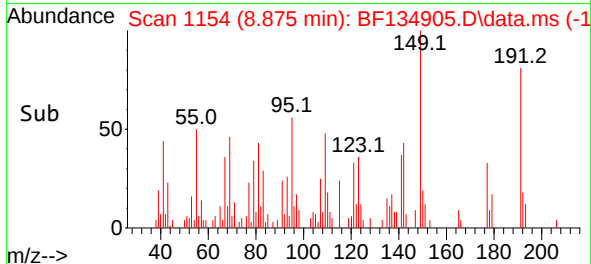
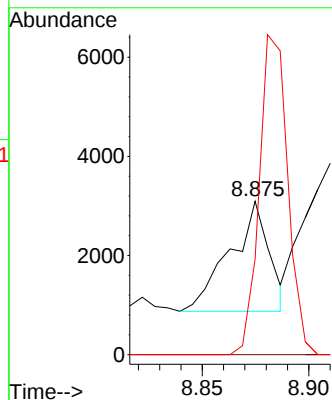
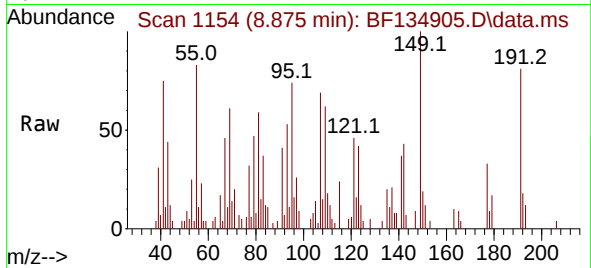




#36
4-Chloro-3-methylphenol
Concen: 857.381 ng
RT: 8.875 min Scan# 1113
Delta R.T. 0.241 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

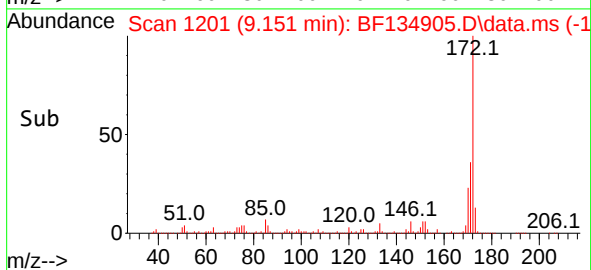
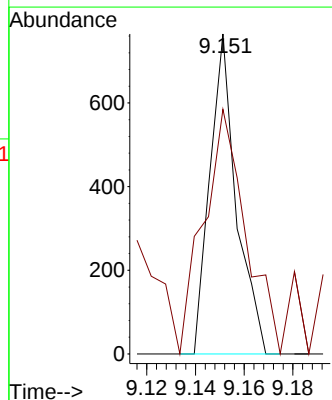
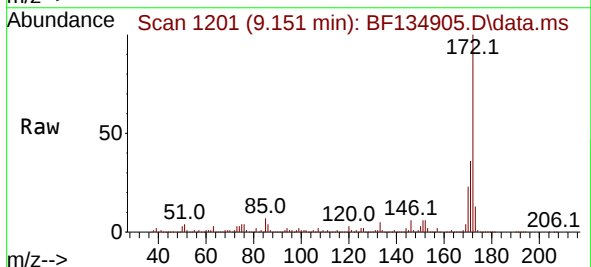
Instrument :
BNA_F
ClientSampleId :
WC-1

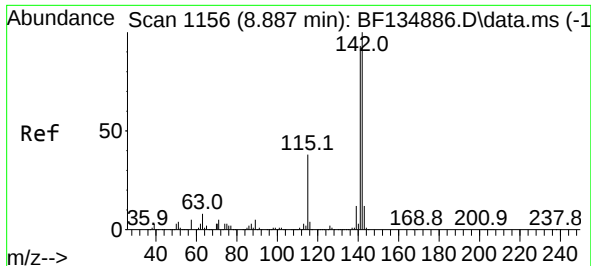
Tgt Ion:107 Resp: 2842
Ion Ratio Lower Upper
107 100
144 0.0 20.2 30.2#
142 62.1 62.5 93.7#



#37
2-Methylnaphthalene
Concen: 80.453 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.359 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:142 Resp: 576
Ion Ratio Lower Upper
142 100
141 76.5 70.2 105.2

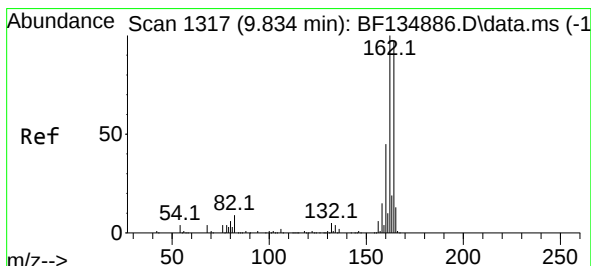
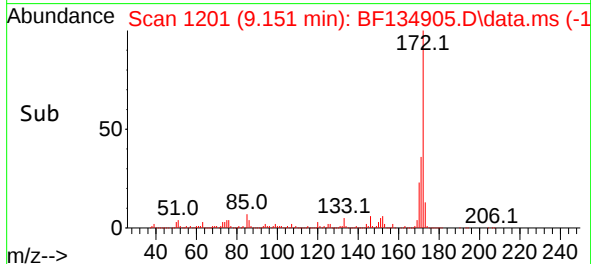
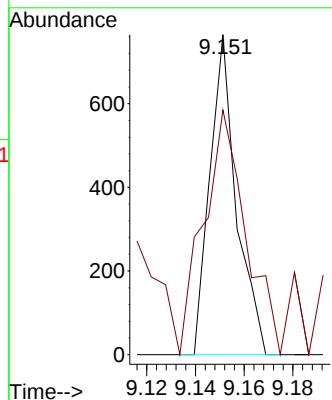
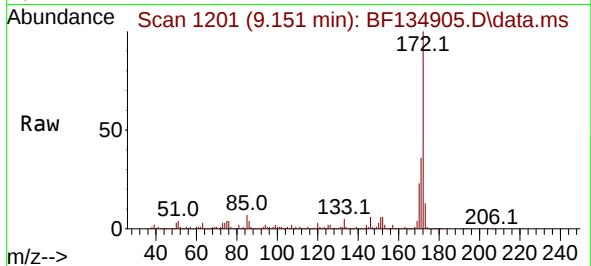




#38
1-Methylnaphthalene
Concen: 86.040 ng
RT: 9.151 min Scan# 1156
Delta R.T. 0.265 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

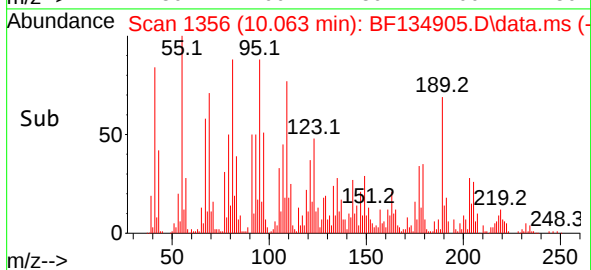
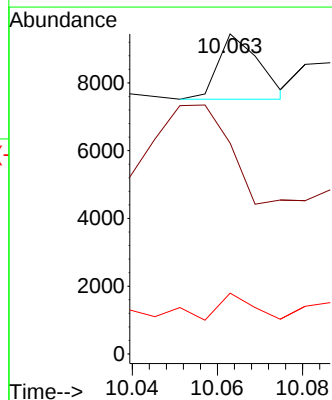
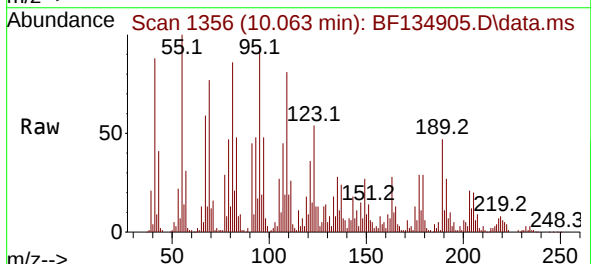
Instrument :
BNA_F
ClientSampleId :
WC-1

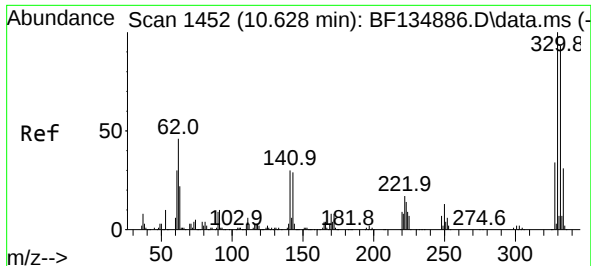
Tgt Ion:142 Resp: 576
Ion Ratio Lower Upper
142 100
141 76.5 74.1 111.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.229 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:164 Resp: 1286
Ion Ratio Lower Upper
164 100
162 65.9 82.6 123.8#
160 19.0 37.0 55.4#





#42

2,4,6-Tribromophenol

Concen: 12703.264 ng

RT: 10.634 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

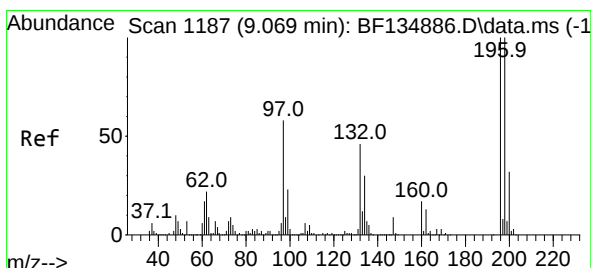
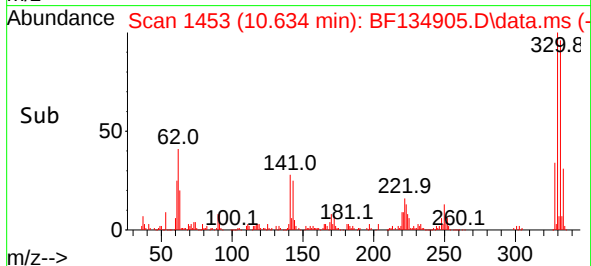
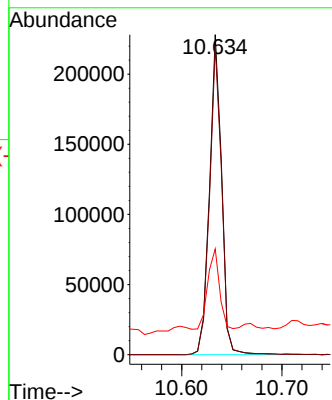
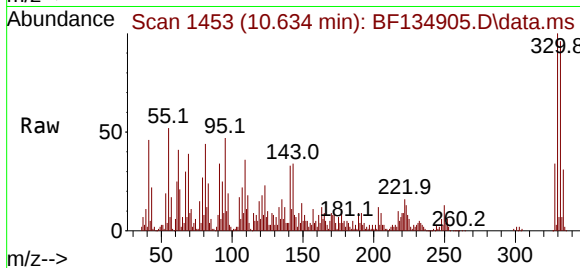
Tgt Ion:330 Resp: 192402

Ion Ratio Lower Upper

330 100

332 96.5 76.3 114.5

141 24.8 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 2.048 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.324 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

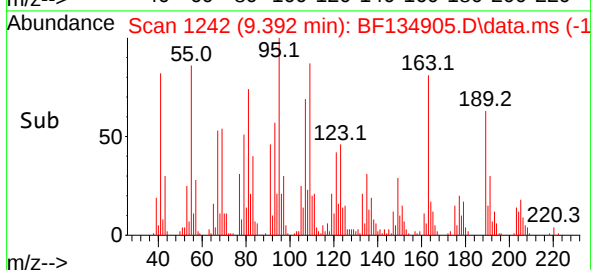
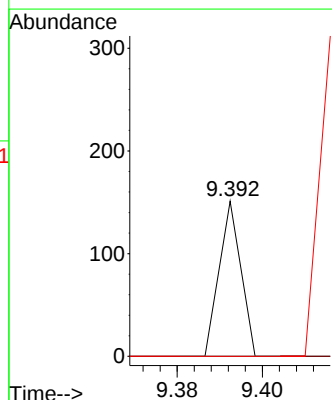
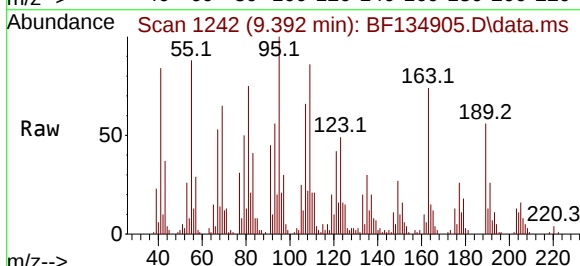
Tgt Ion:196 Resp: 53

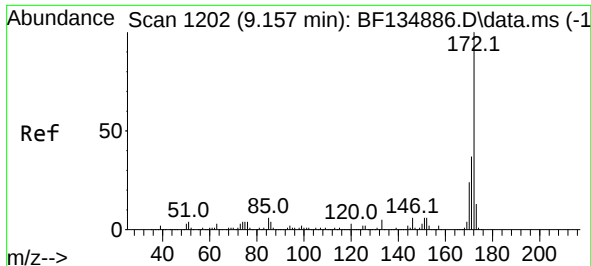
Ion Ratio Lower Upper

196 100

198 0.0 79.8 119.6#

200 0.0 25.8 38.6#

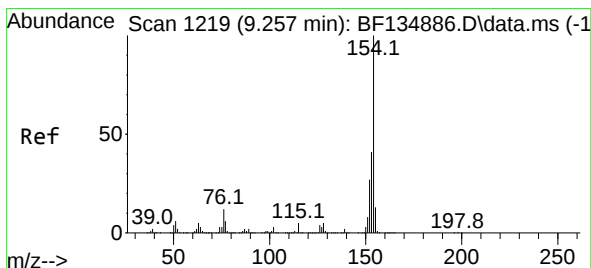
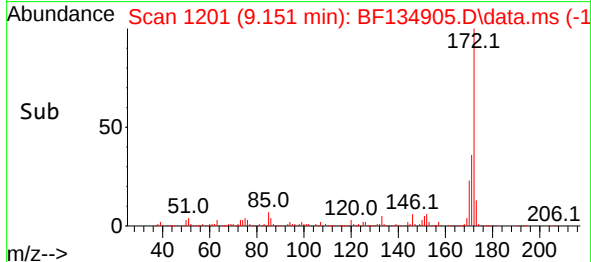
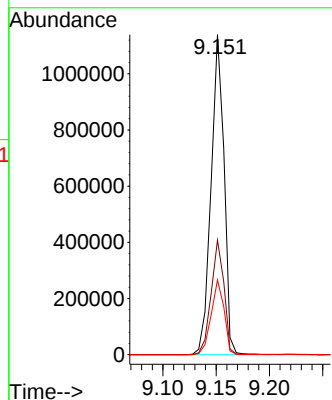
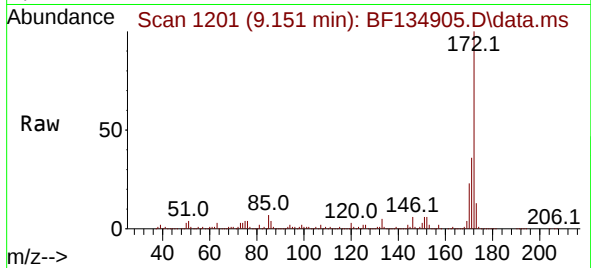




#45
2-Fluorobiphenyl
Concen: 11645.260 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

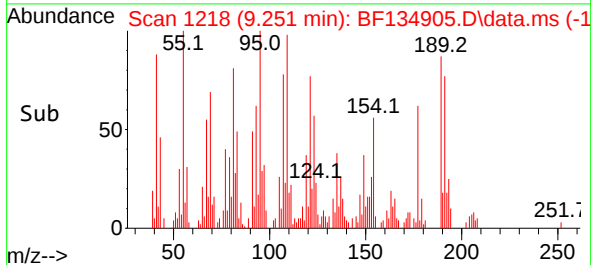
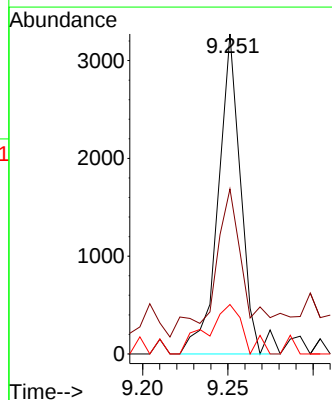
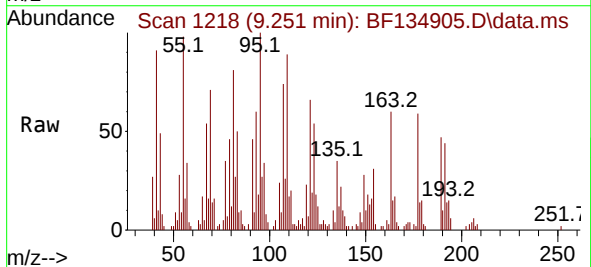
Instrument :
BNA_F
ClientSampleId :
WC-1

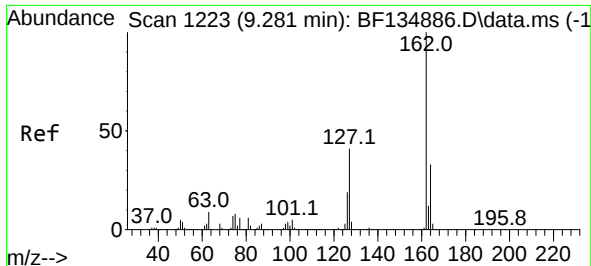
Tgt Ion:172 Resp: 968748
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 30.012 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:154 Resp: 3047
Ion Ratio Lower Upper
154 100
153 51.6 21.3 61.3
76 15.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 28.528 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.229 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

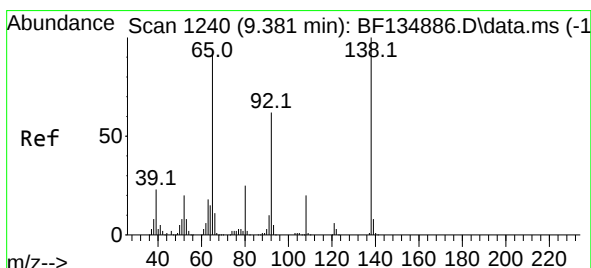
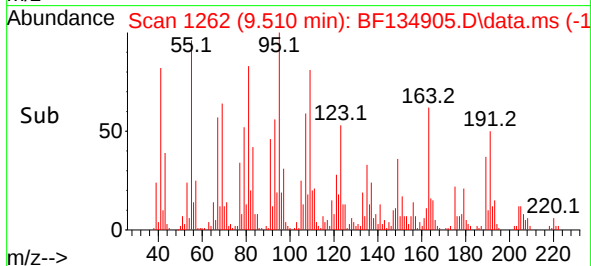
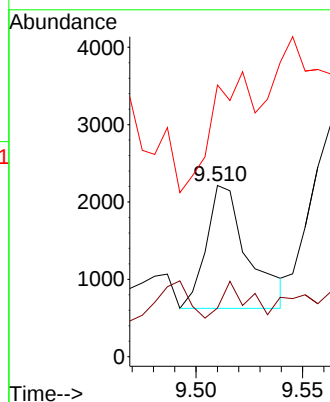
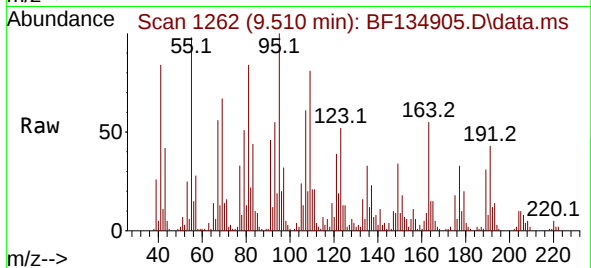
Tgt Ion:162 Resp: 2163

Ion Ratio Lower Upper

162 100

127 28.4 33.4 50.0#

164 158.7 26.6 39.8#



#48

2-Nitroaniline

Concen: 55.770 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.212 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

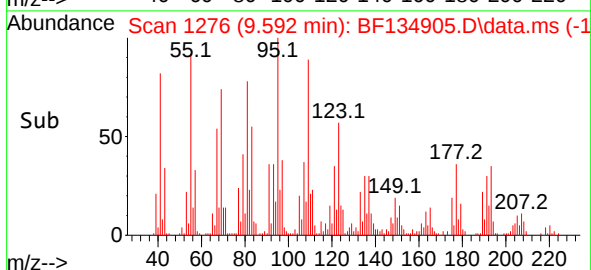
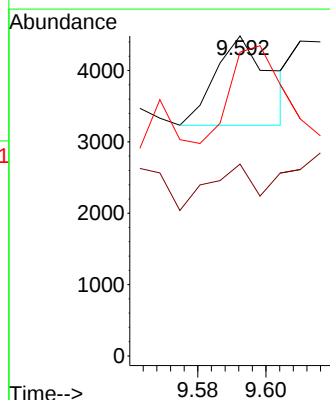
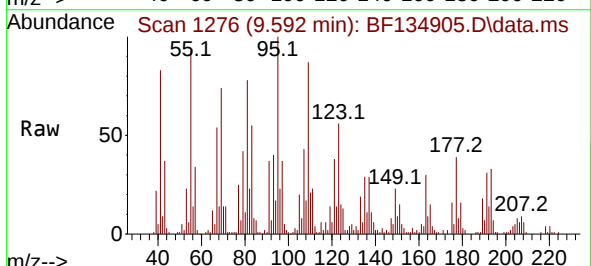
Tgt Ion: 65 Resp: 1390

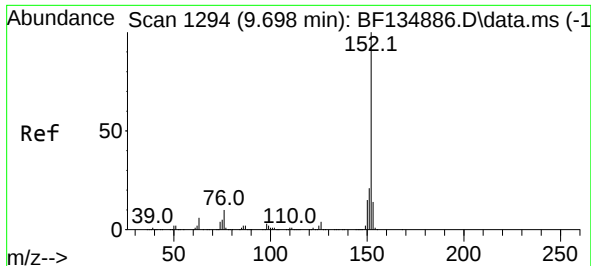
Ion Ratio Lower Upper

65 100

92 60.0 53.8 80.8

138 95.0 86.5 129.7





#49

Acenaphthylene

Concen: 10.902 ng

RT: 9.945 min Scan# 1

Delta R.T. 0.247 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

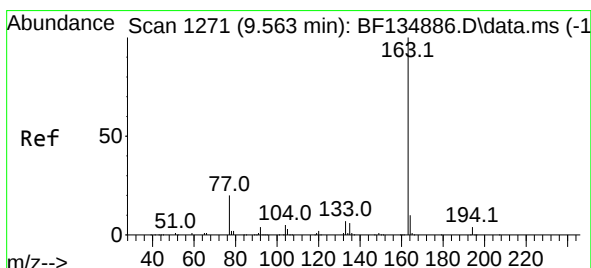
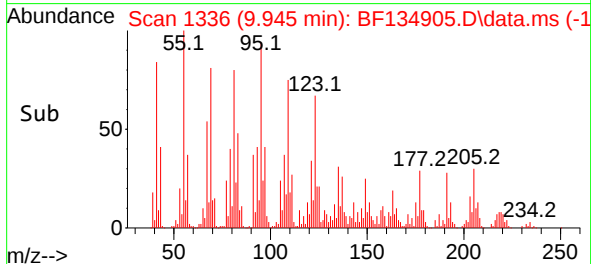
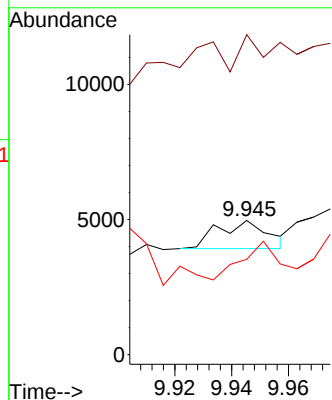
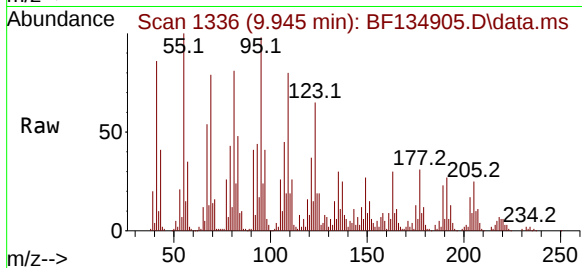
Tgt Ion:152 Resp: 1273

Ion Ratio Lower Upper

152 100

151 238.4 16.5 24.7#

153 71.0 11.3 16.9#



#50

Dimethylphthalate

Concen: 204.427 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.212 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

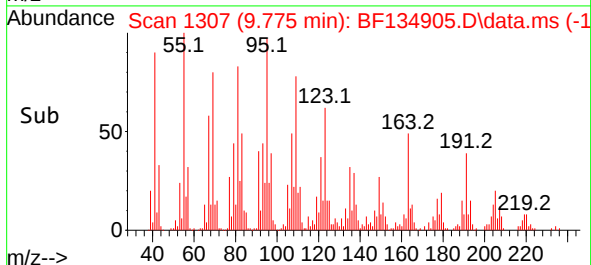
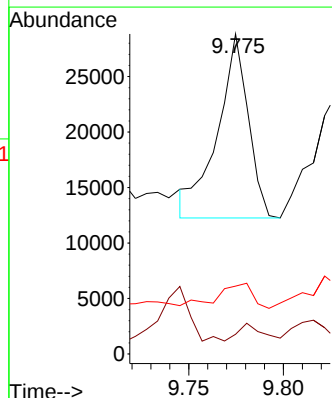
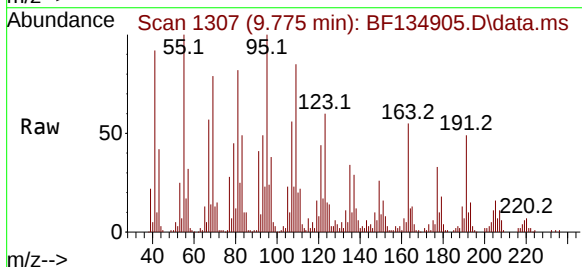
Tgt Ion:163 Resp: 18713

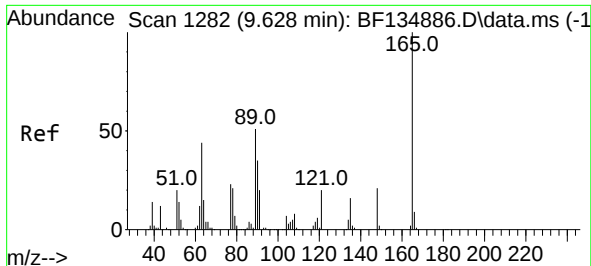
Ion Ratio Lower Upper

163 100

194 6.2 3.2 4.8#

164 21.2 8.2 12.4#

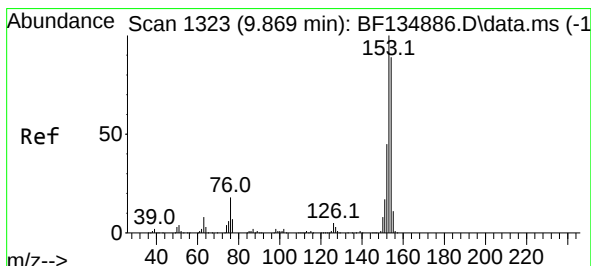
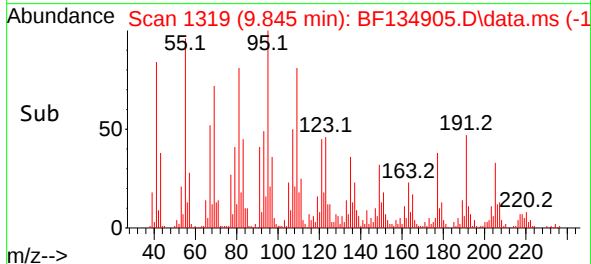
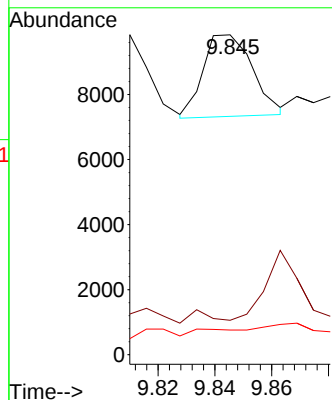
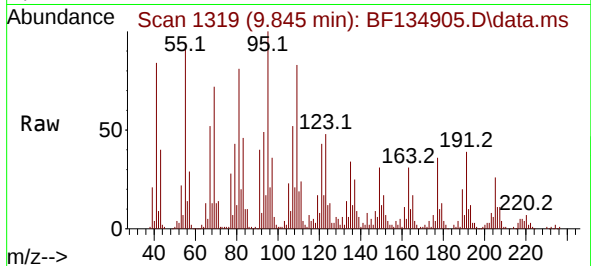




#51
2,6-Dinitrotoluene
Concen: 151.563 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.217 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

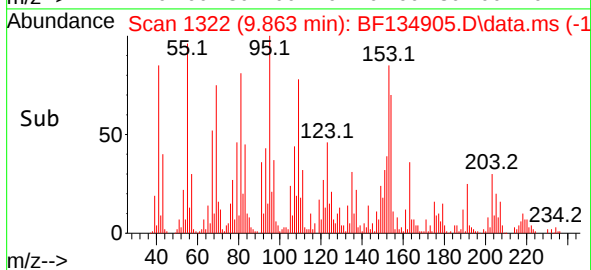
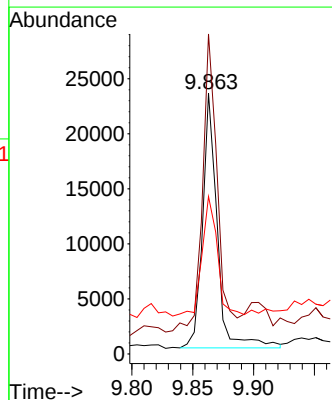
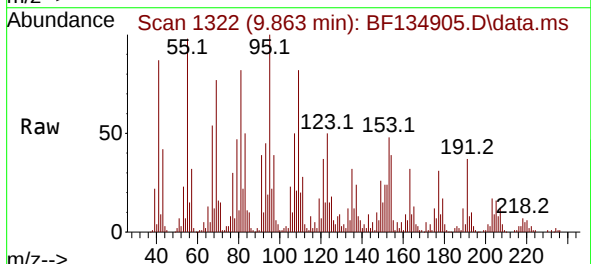
Instrument :
BNA_F
ClientSampleId :
WC-1

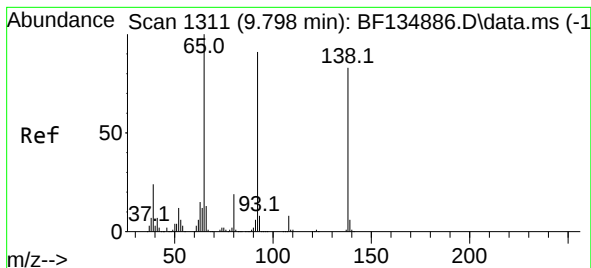
Tgt Ion:165 Resp: 3060
Ion Ratio Lower Upper
165 100
63 10.8 41.4 62.2#
89 7.7 40.9 61.3#



#52
Acenaphthene
Concen: 262.307 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:154 Resp: 19295
Ion Ratio Lower Upper
154 100
153 122.8 89.6 134.4
152 60.4 40.5 60.7





#53

3-Nitroaniline

Concen: 61.265 ng

RT: 10.034 min Scan# 1

Delta R.T. 0.235 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

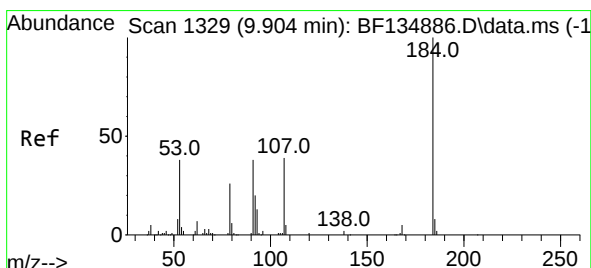
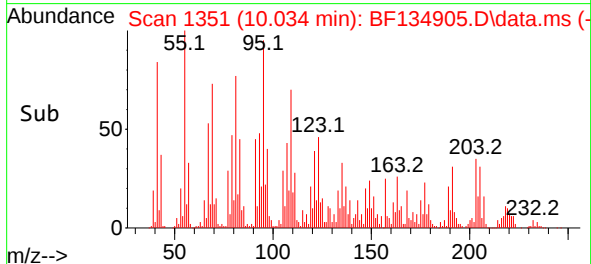
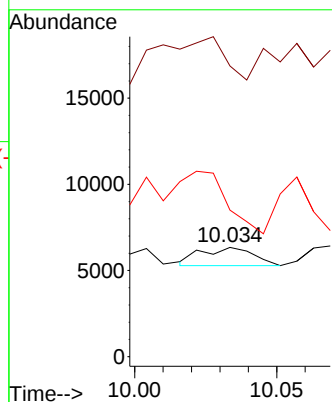
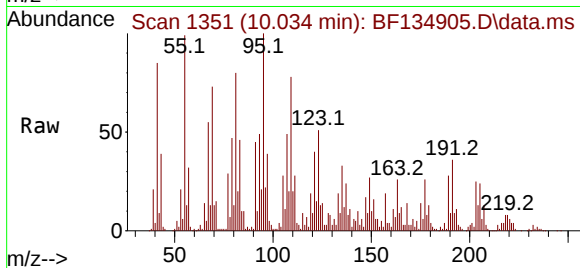
Tgt Ion:138 Resp: 1351

Ion Ratio Lower Upper

138 100

108 266.0 8.0 12.0#

92 134.1 87.6 131.4#



#54

2,4-Dinitrophenol

Concen: 107.090 ng

RT: 10.175 min Scan# 1375

Delta R.T. 0.271 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

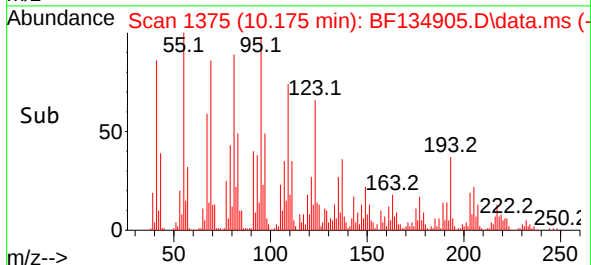
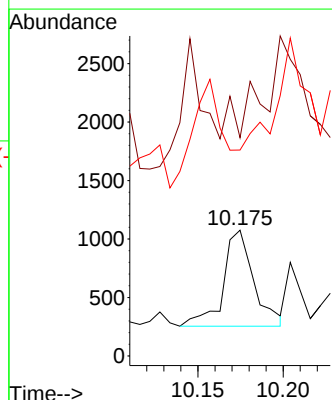
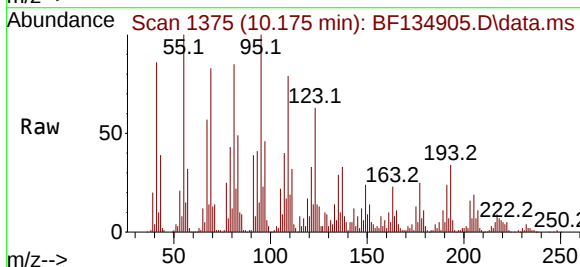
Tgt Ion:184 Resp: 1023

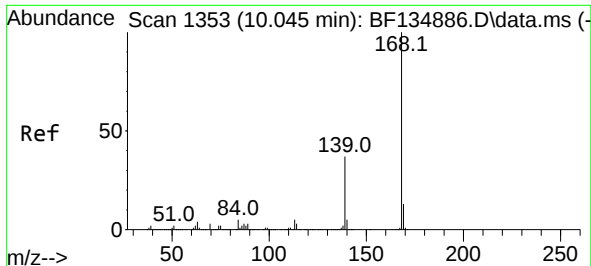
Ion Ratio Lower Upper

184 100

63 173.6 42.8 64.2#

154 163.8 48.0 72.0#

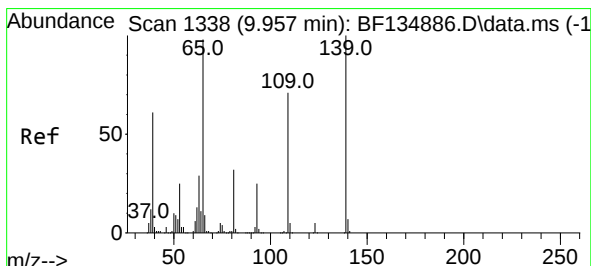
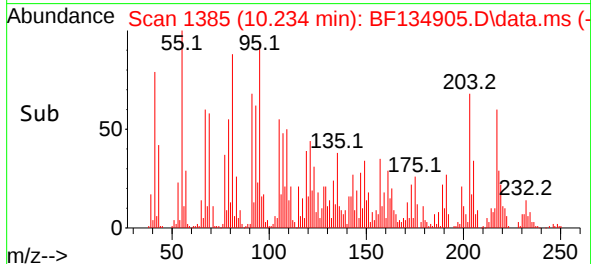
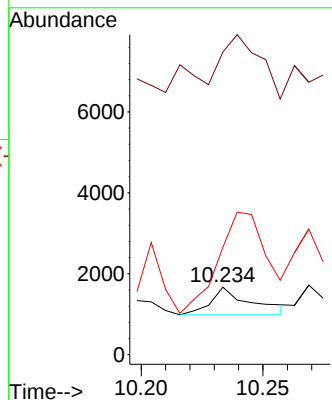
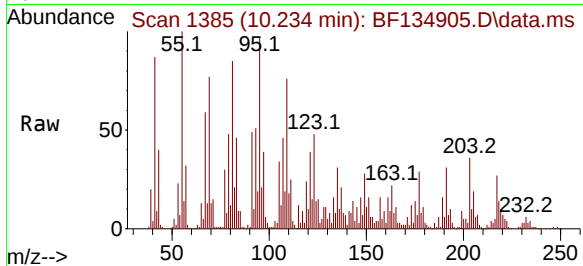




#55
Dibenzofuran
Concen: 7.264 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.188 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

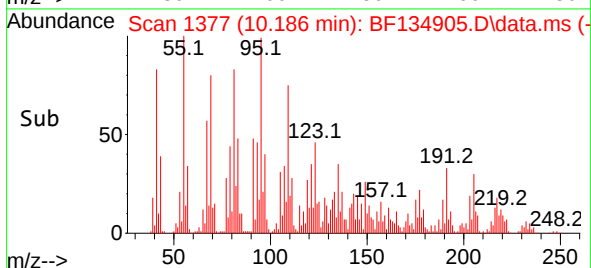
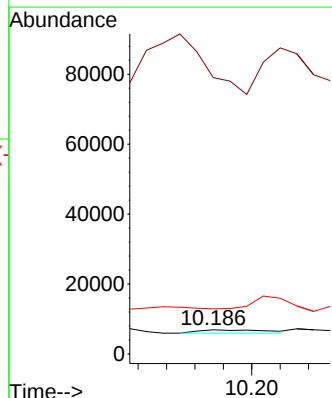
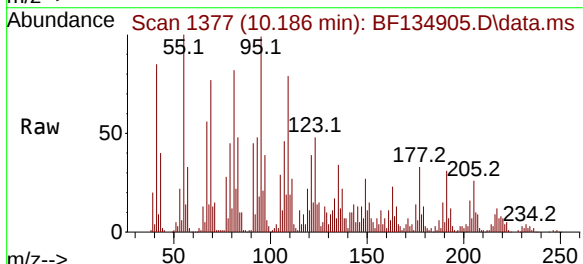
Instrument :
BNA_F
ClientSampleId :
WC-1

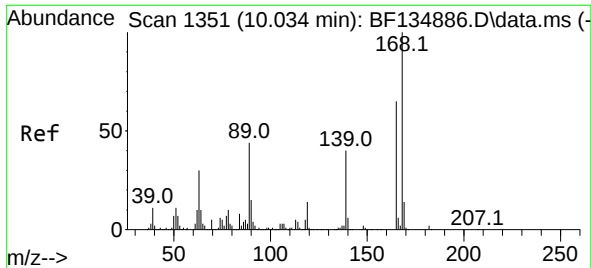
Tgt Ion:168 Resp: 778
Ion Ratio Lower Upper
168 100
139 448.7 29.5 44.3#
169 159.4 10.7 16.1#



#56
4-Nitrophenol
Concen: 103.595 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.229 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:139 Resp: 1592
Ion Ratio Lower Upper
139 100
109 1140.9 51.0 91.0#
65 186.4 78.5 118.5#

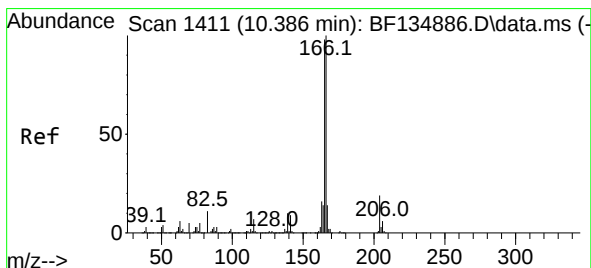
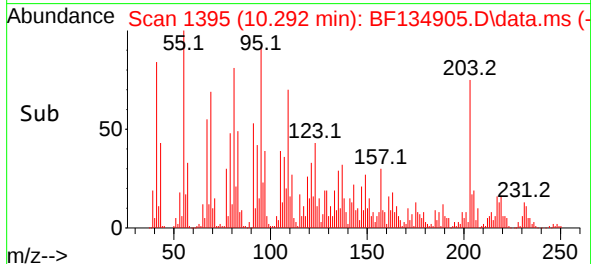
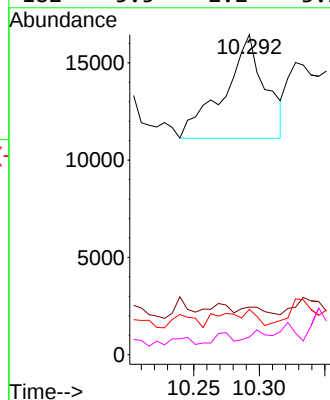
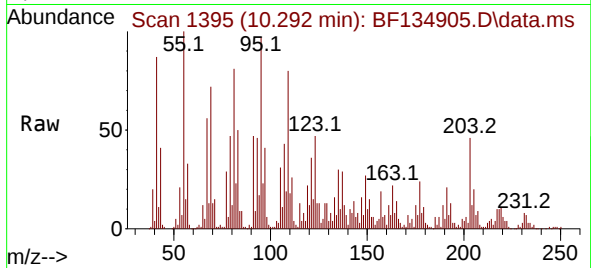




#57
2,4-Dinitrotoluene
Concen: 462.505 ng
RT: 10.292 min Scan# 1453
Delta R.T. 0.258 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

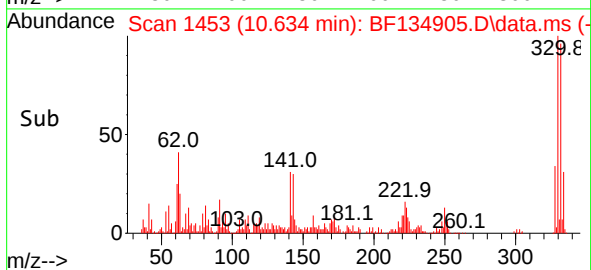
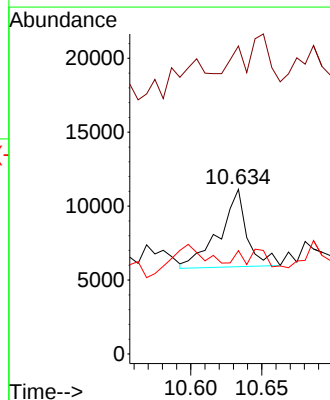
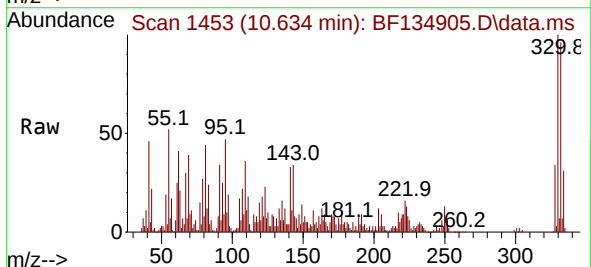
Instrument :
BNA_F
ClientSampleId :
WC-1

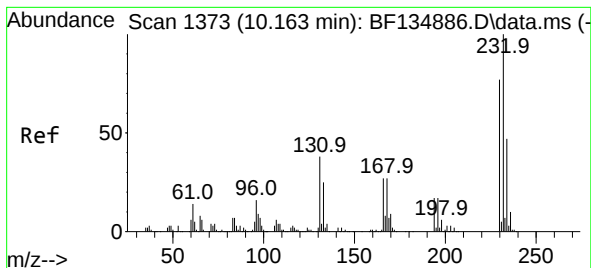
Tgt Ion:165 Resp: 11548
Ion Ratio Lower Upper
165 100
63 14.8 37.7 56.5#
89 14.2 54.2 81.4#
182 5.5 2.2 3.2#



#58
Fluorene
Concen: 87.211 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.248 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:166 Resp: 7084
Ion Ratio Lower Upper
166 100
165 187.1 78.5 117.7#
167 62.7 11.0 16.6#

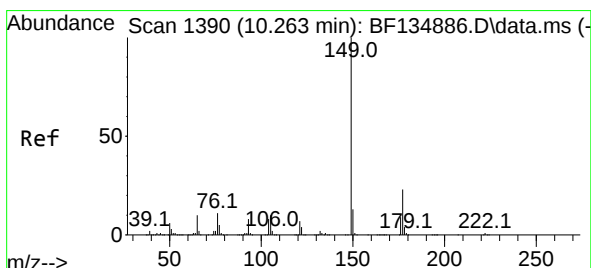
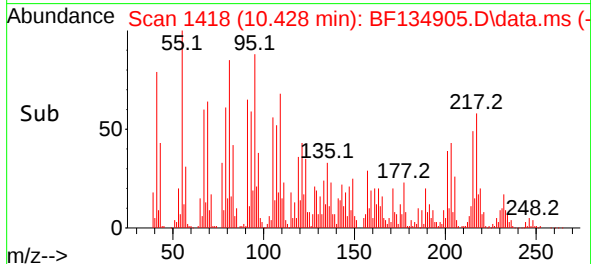
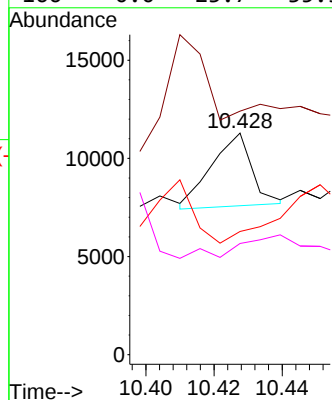
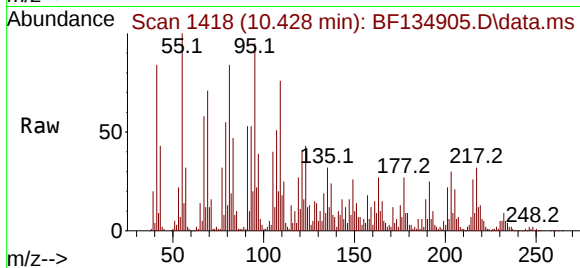




#59
2,3,4,6-Tetrachlorophenol
Concen: 131.295 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.265 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

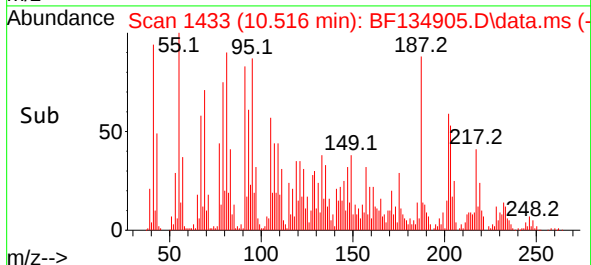
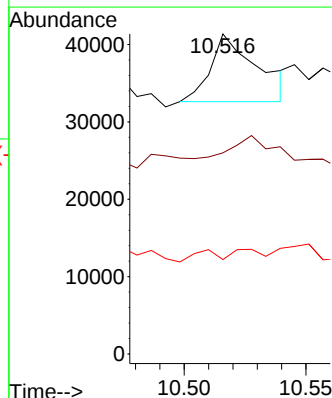
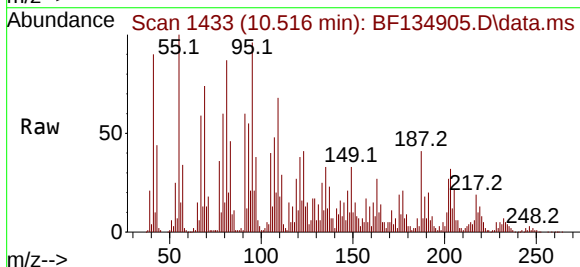
Instrument :
BNA_F
ClientSampleId :
WC-1

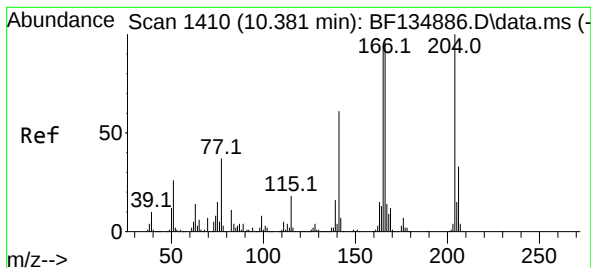
Tgt Ion:232	Resp:	3065
Ion Ratio	Lower	Upper
232	100	
131	187.6	33.9 50.9#
130	71.4	1.6 2.4#
166	0.0	23.7 35.5#



#60
Diethylphthalate
Concen: 137.730 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.253 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:149	Resp:	11551
Ion Ratio	Lower	Upper
149	100	
177	62.9	18.4 27.6#
150	29.5	10.3 15.5#

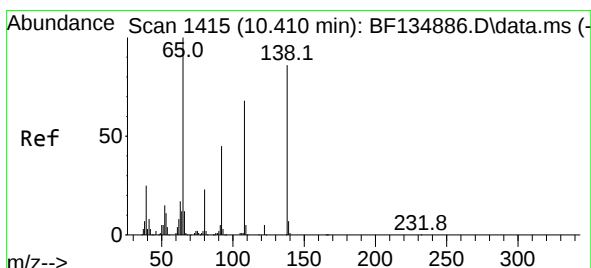
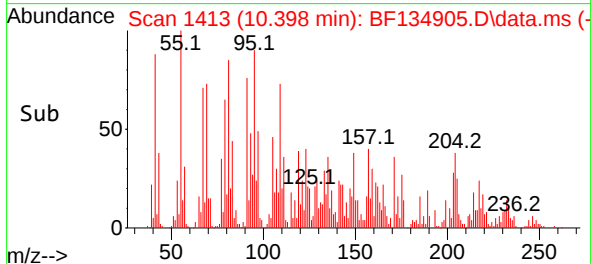
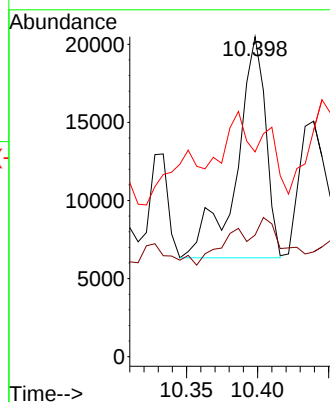
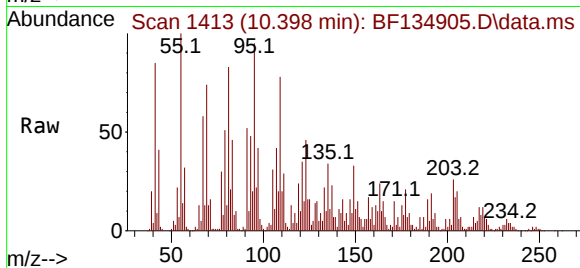




#61
4-Chlorophenyl-phenylether
Concen: 496.503 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.017 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

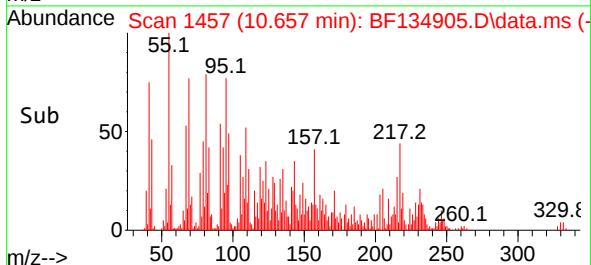
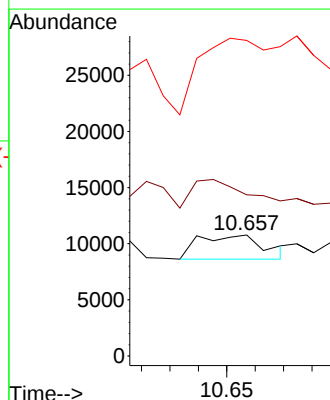
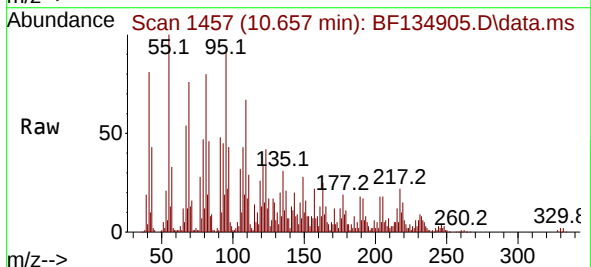
Instrument :
BNA_F
ClientSampleId :
WC-1

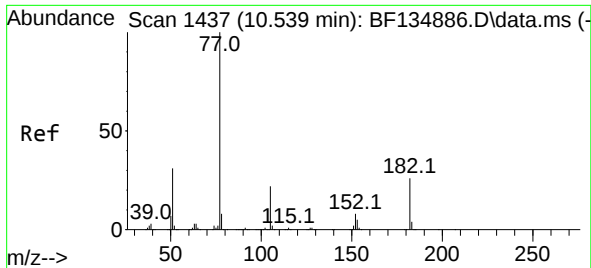
Tgt Ion:204 Resp: 20217
Ion Ratio Lower Upper
204 100
206 38.0 26.3 39.5
141 64.0 48.6 73.0



#62
4-Nitroaniline
Concen: 167.117 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.247 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:138 Resp: 3445
Ion Ratio Lower Upper
138 100
92 133.2 32.5 72.5#
108 260.9 58.6 98.6#

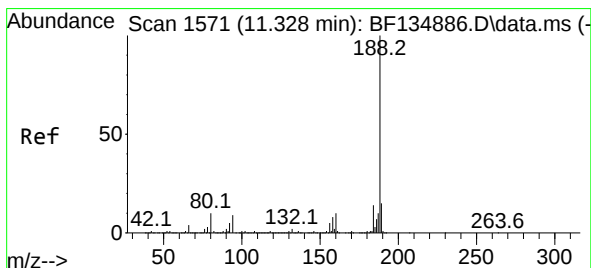
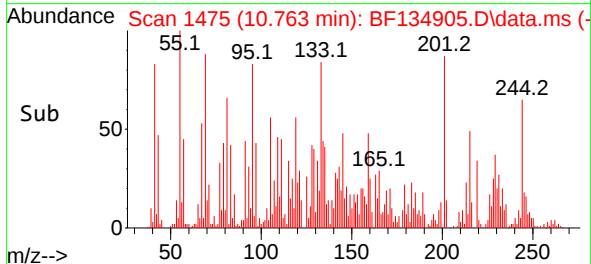
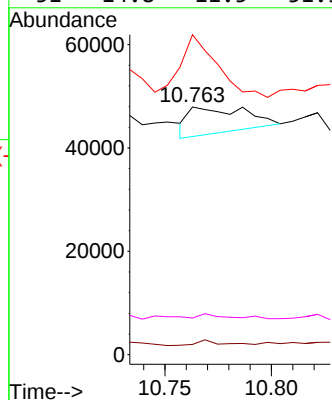
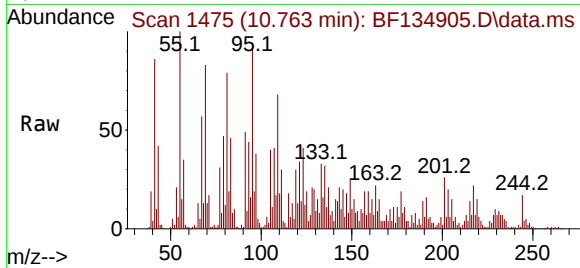




#63
Azobenzene
Concen: 114.985 ng
RT: 10.763 min Scan# 1437
Delta R.T. 0.224 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

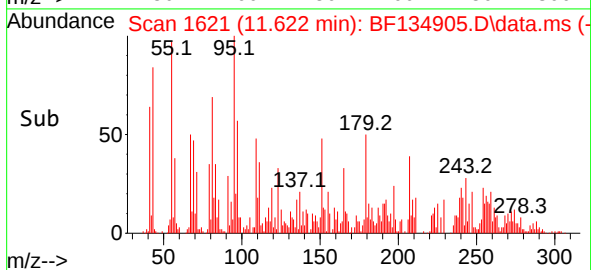
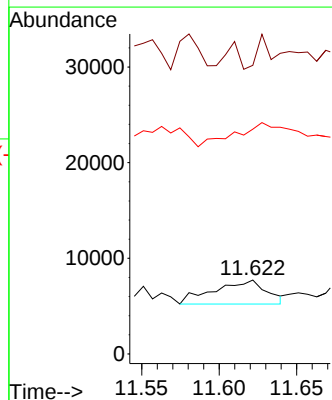
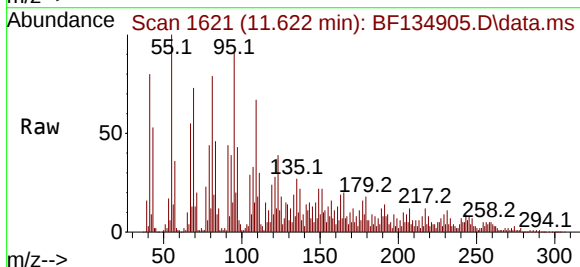
Instrument :
BNA_F
ClientSampleId :
WC-1

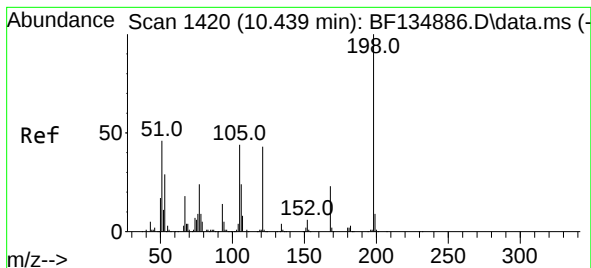
Tgt Ion: 77	Resp: 9580
Ion Ratio	Lower Upper
77 100	
182 4.1	5.8 45.8#
105 129.2	1.6 41.6#
51 14.8	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.622 min Scan# 1621
Delta R.T. 0.294 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt	Ion:188	Resp:	5831
Ion	Ratio	Lower	Upper
188	100		
94	390.4	7.5	11.3#
80	304.1	7.8	11.6#

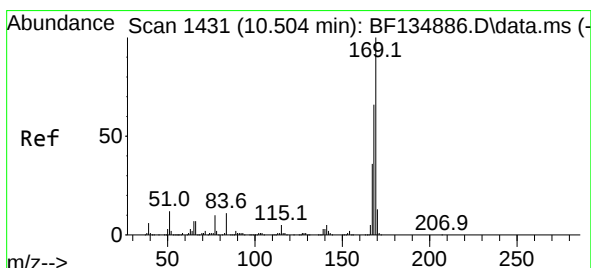
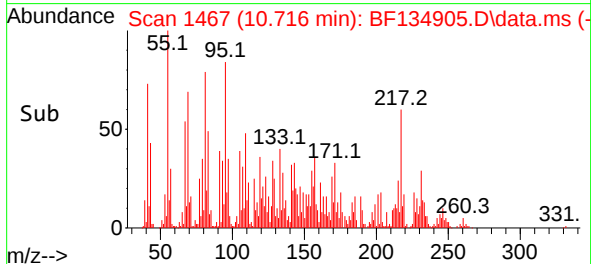
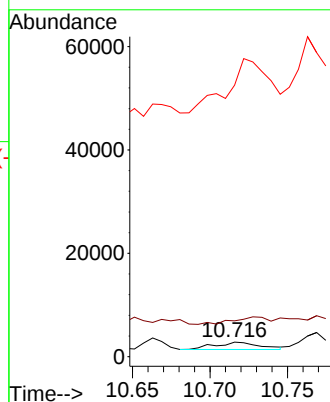
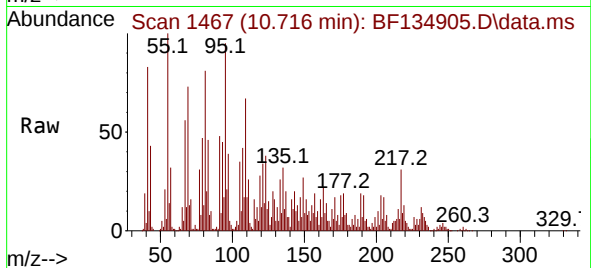




#65
4,6-Dinitro-2-methylphenol
Concen: 84.141 ng
RT: 10.716 min Scan# 1417
Delta R.T. 0.277 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

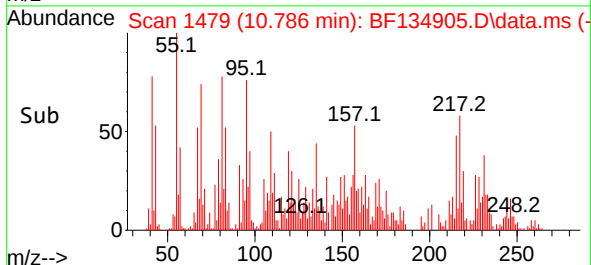
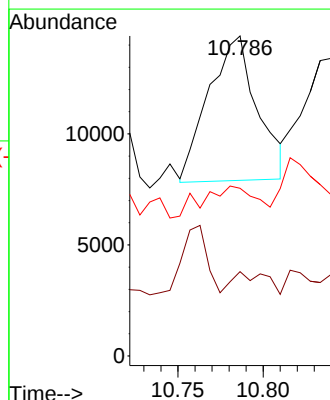
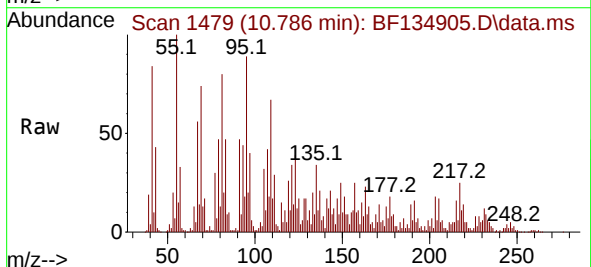
Instrument :
BNA_F
ClientSampleId :
WC-1

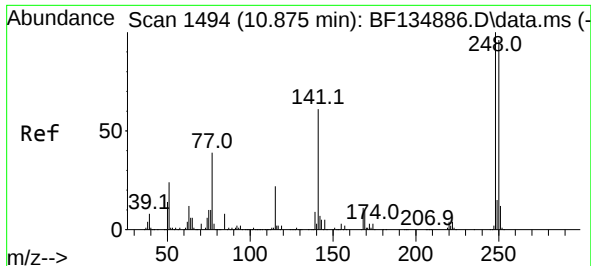
Tgt Ion:198 Resp: 2895
Ion Ratio Lower Upper
198 100
51 246.3 30.3 70.3#
105 1867.3 24.5 64.5#



#66
n-Nitrosodiphenylamine
Concen: 68.833 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.282 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:169 Resp: 12925
Ion Ratio Lower Upper
169 100
168 26.3 53.0 79.6#
167 52.4 29.0 43.6#

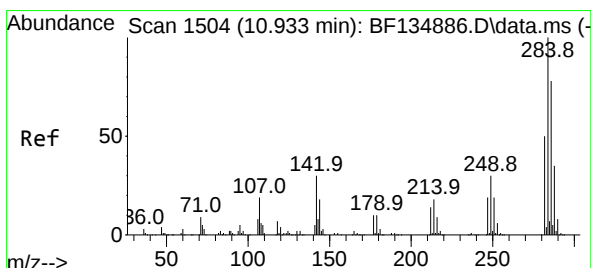
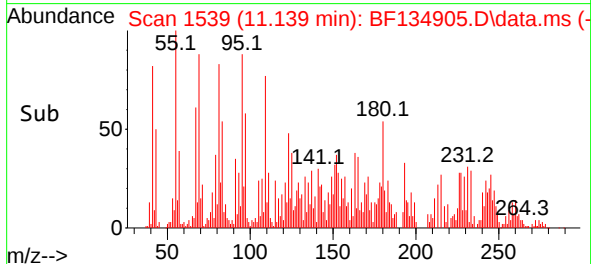
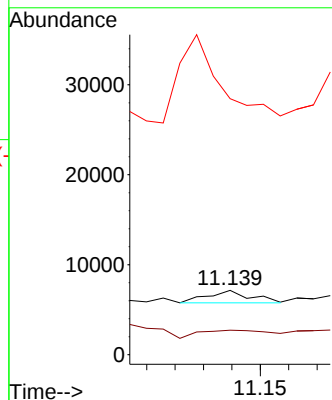
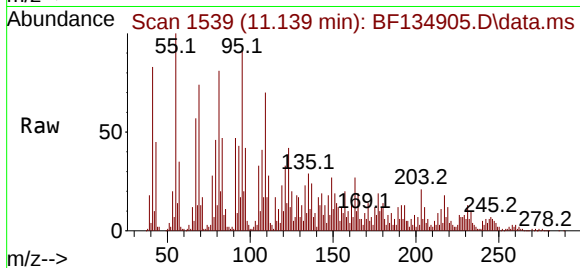




#67
4-Bromophenyl-phenylether
Concen: 21.970 ng
RT: 11.139 min Scan# 1111
Delta R.T. 0.264 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

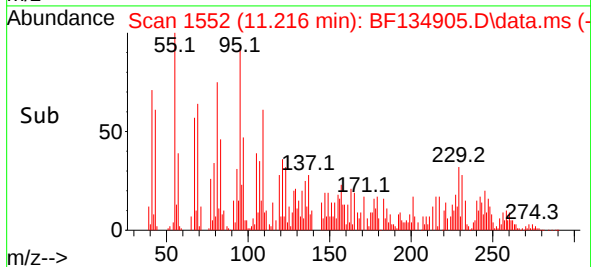
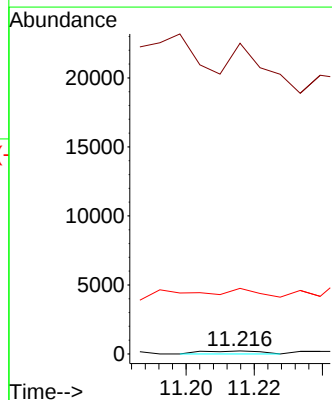
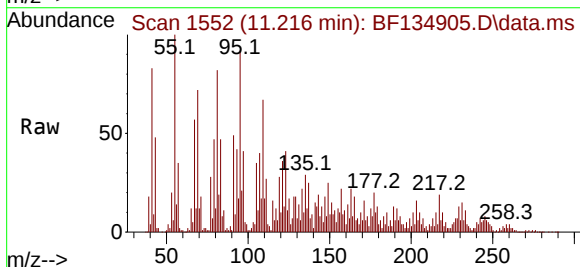
Instrument :
BNA_F
ClientSampleId :
WC-1

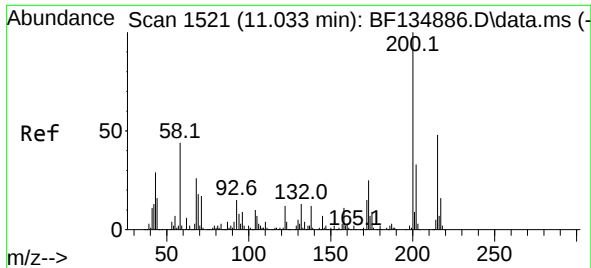
Tgt Ion:248 Resp: 1478
Ion Ratio Lower Upper
248 100
250 38.0 77.1 115.7#
141 397.7 49.0 73.4#



#68
Hexachlorobenzene
Concen: 3.676 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.283 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:284 Resp: 263
Ion Ratio Lower Upper
284 100
142 10279.5 23.9 35.9#
249 2167.6 24.1 36.1#





#69

Atrazine

Concen: 17.964 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.283 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

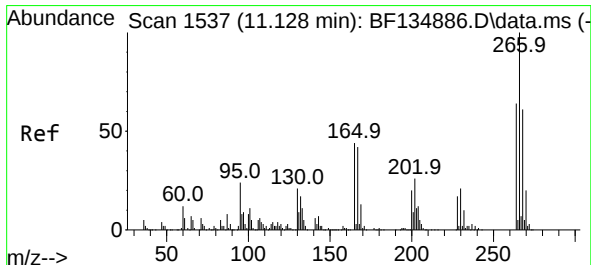
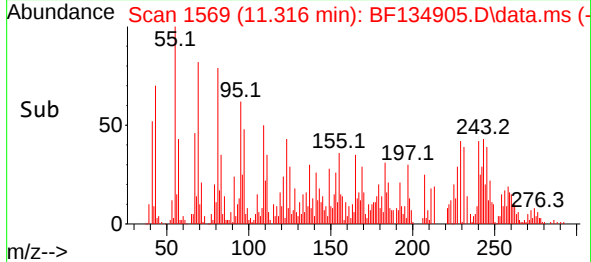
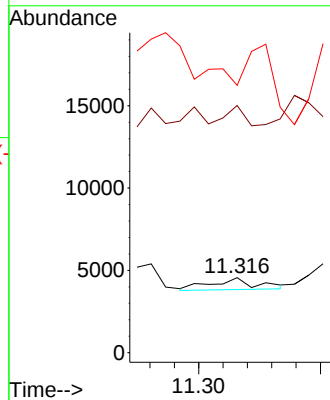
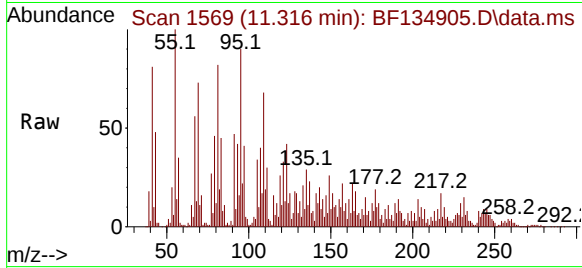
Tgt Ion:200 Resp: 916

Ion Ratio Lower Upper

200 100

173 329.7 5.3 45.3#

215 356.5 28.3 68.3#



#70

Pentachlorophenol

Concen: 6.526 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.294 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

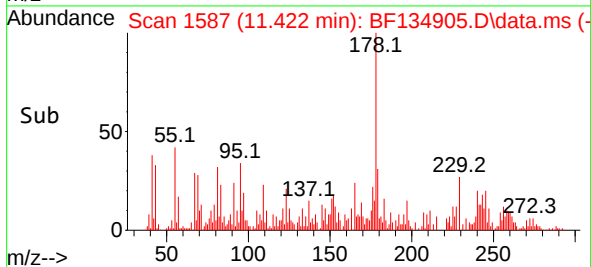
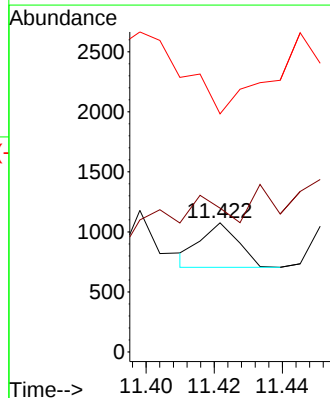
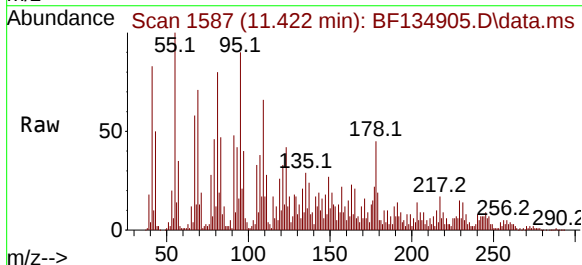
Tgt Ion:266 Resp: 281

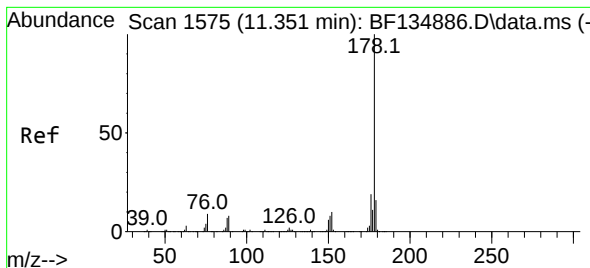
Ion Ratio Lower Upper

266 100

268 111.4 48.9 73.3#

264 184.5 51.0 76.6#





#71

Phenanthrene

Concen: 259.040 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

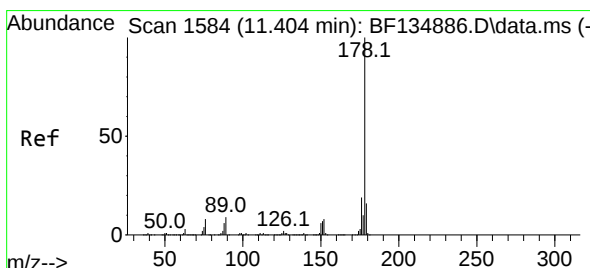
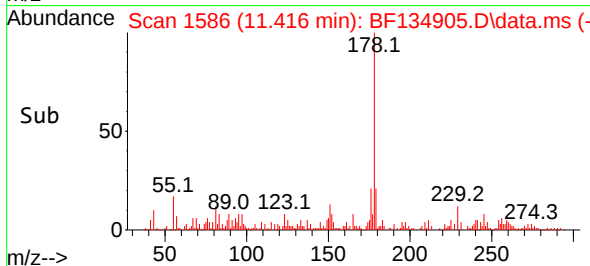
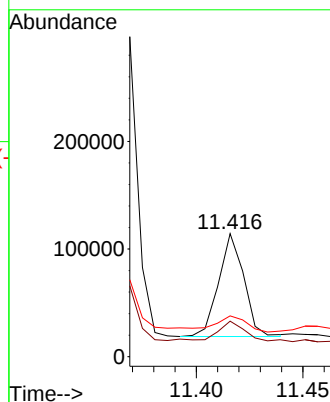
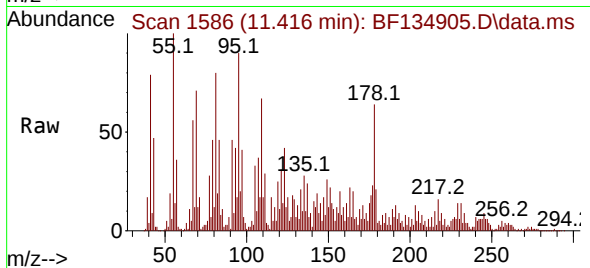
Tgt Ion:178 Resp: 79151

Ion Ratio Lower Upper

178 100

176 28.9 15.5 23.3#

179 33.1 12.6 19.0#



#72

Anthracene

Concen: 8.870 ng

RT: 11.669 min Scan# 1629

Delta R.T. 0.265 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

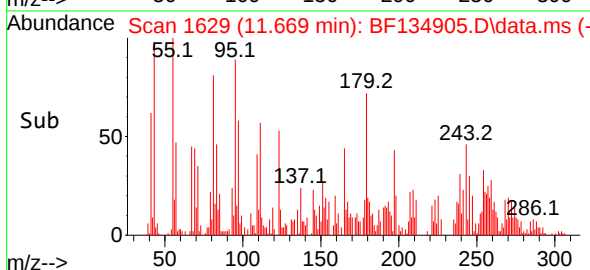
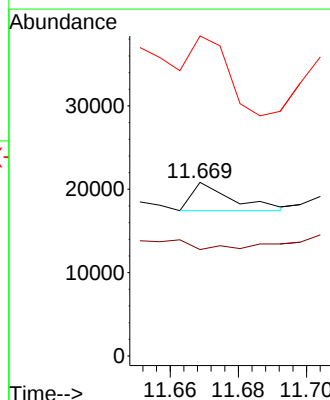
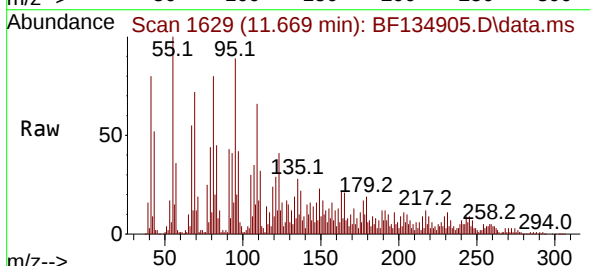
Tgt Ion:178 Resp: 2777

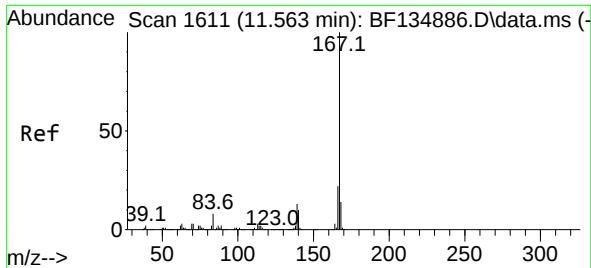
Ion Ratio Lower Upper

178 100

176 61.3 15.0 22.6#

179 184.4 12.5 18.7#

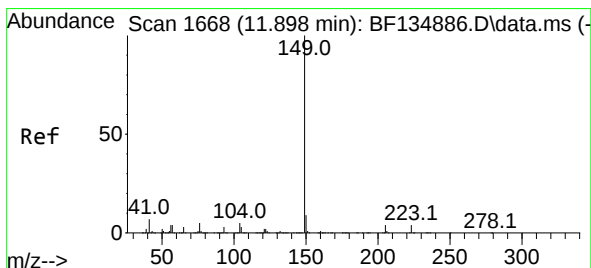
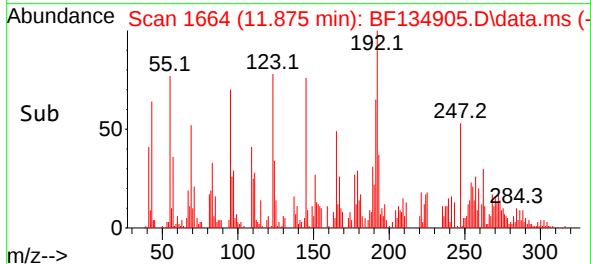
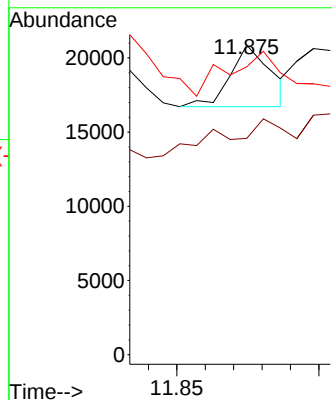
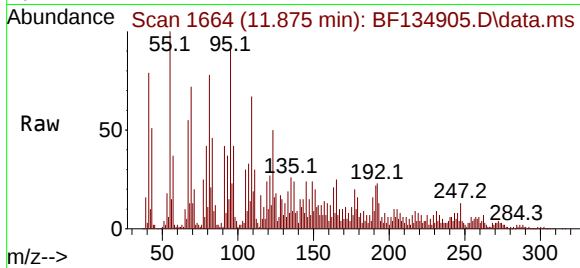




#73
 Carbazole
 Concen: 15.959 ng
 RT: 11.875 min Scan# 1
 Delta R.T. 0.312 min
 Lab File: BF134905.D
 Acq: 23 Aug 2023 15:34

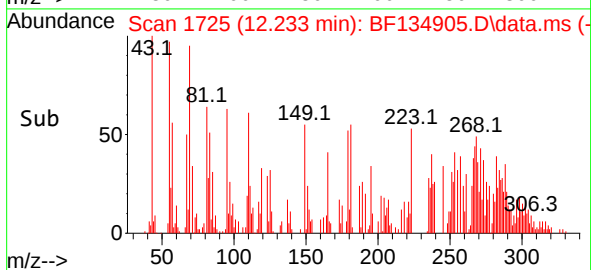
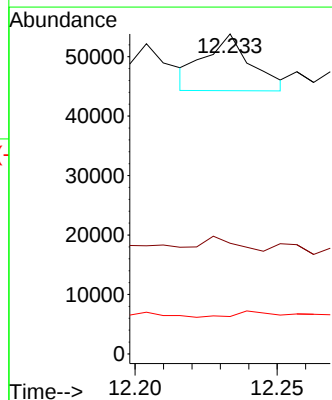
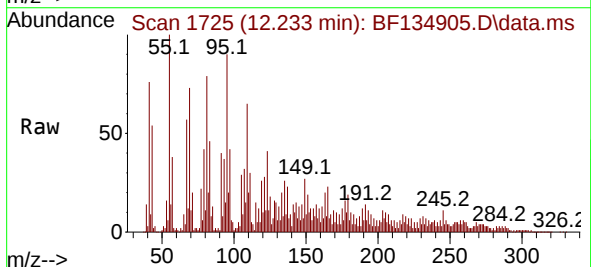
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

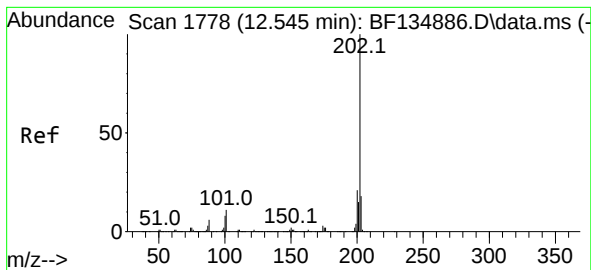
Tgt Ion:167 Resp: 4117
 Ion Ratio Lower Upper
 167 100
 166 69.8 17.4 26.2#
 139 92.9 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 36.418 ng
 RT: 12.233 min Scan# 1725
 Delta R.T. 0.335 min
 Lab File: BF134905.D
 Acq: 23 Aug 2023 15:34

Tgt Ion:149 Resp: 10775
 Ion Ratio Lower Upper
 149 100
 150 34.6 7.4 11.2#
 104 11.7 4.1 6.1#





#75

Fluoranthene

Concen: 1696.592 ng

RT: 12.804 min Scan# 1

Delta R.T. 0.259 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

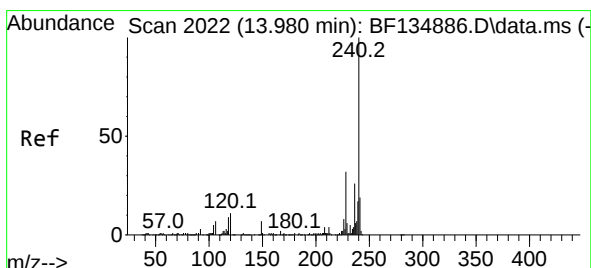
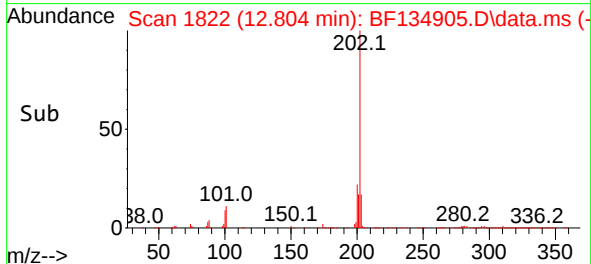
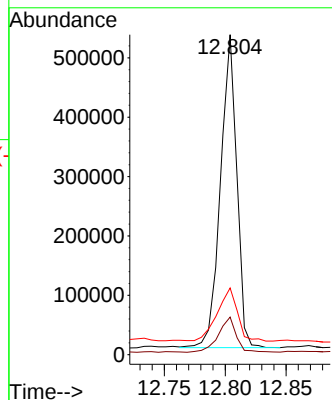
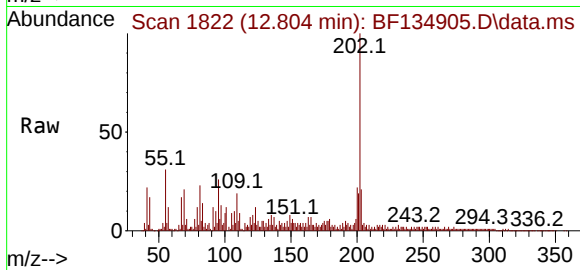
Tgt Ion:202 Resp: 491190

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.5

203 20.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.351 min Scan# 2085

Delta R.T. 0.371 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

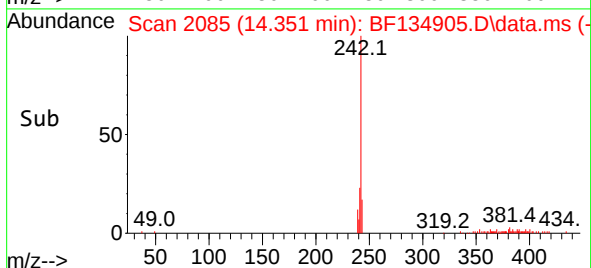
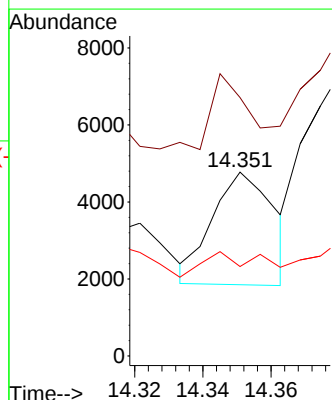
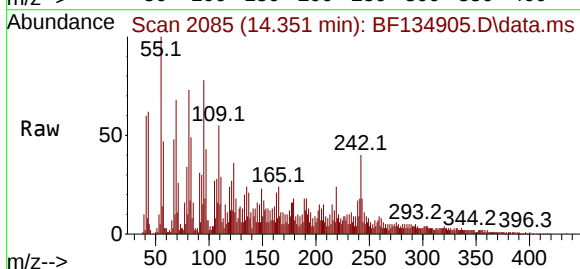
Tgt Ion:240 Resp: 3649

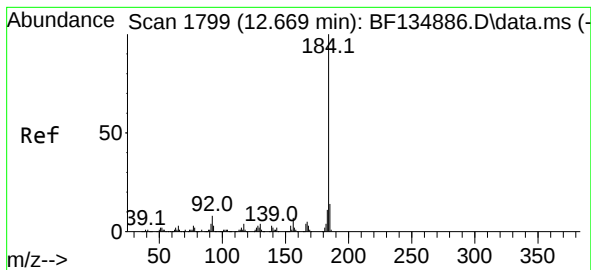
Ion Ratio Lower Upper

240 100

120 140.5 8.6 12.8#

236 48.6 20.6 31.0#





#77

Benzidine

Concen: 6.013 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.329 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

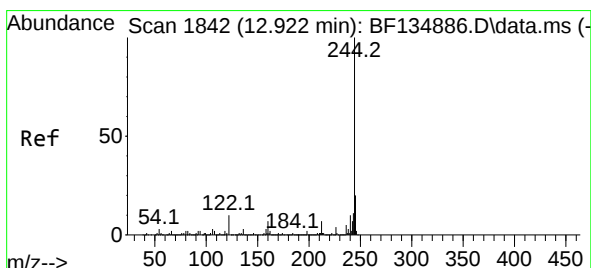
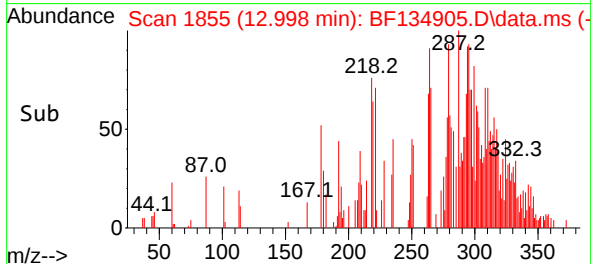
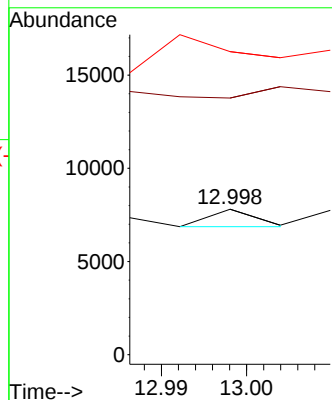
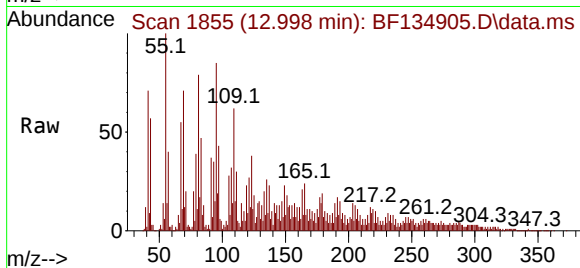
Tgt Ion:184 Resp: 356

Ion Ratio Lower Upper

184 100

185 176.5 11.4 17.0#

183 208.4 9.0 13.4#



#79

Terphenyl-d14

Concen: 18.643 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.447 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

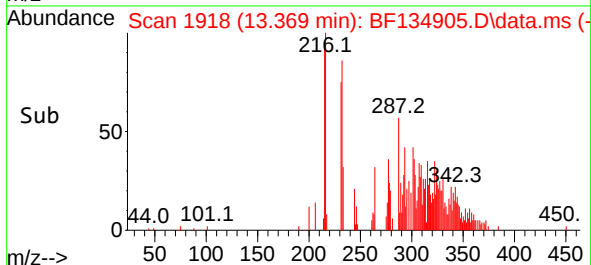
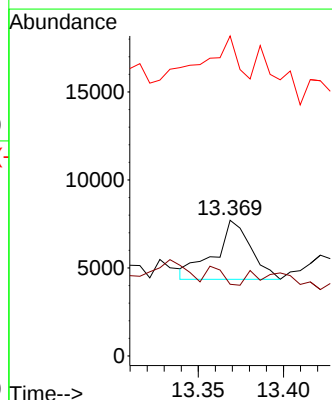
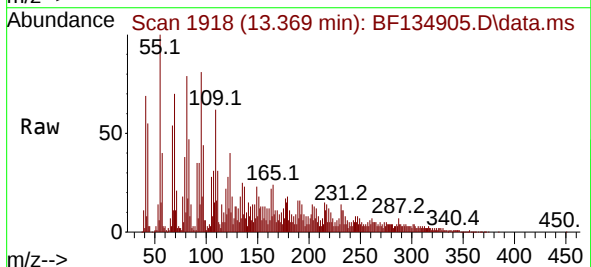
Tgt Ion:244 Resp: 4946

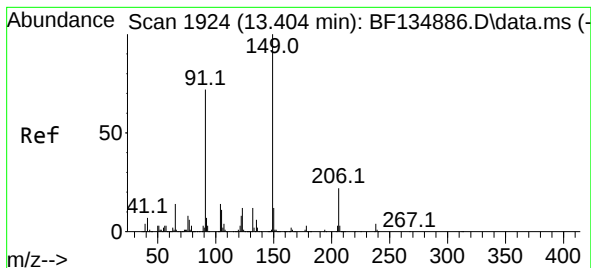
Ion Ratio Lower Upper

244 100

212 52.8 5.4 8.0#

122 235.8 8.2 12.4#





#80

Butylbenzylphthalate

Concen: 76.064 ng

RT: 13.874 min Scan# 2004

Delta R.T. 0.470 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

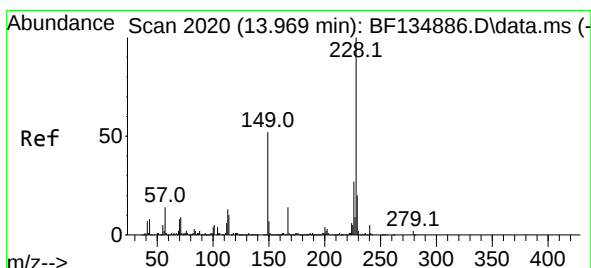
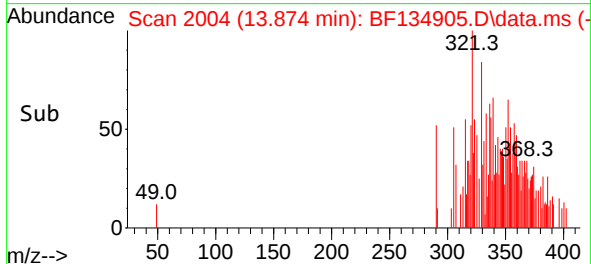
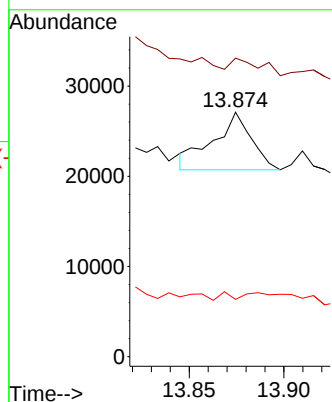
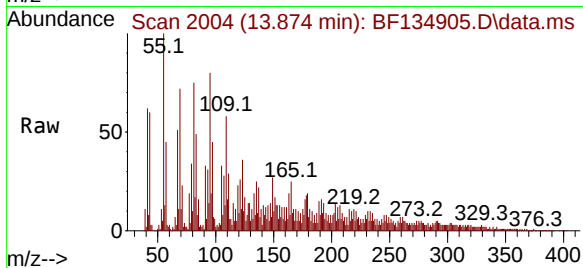
Tgt Ion:149 Resp: 8966

Ion Ratio Lower Upper

149 100

91 122.2 57.2 85.8#

206 23.4 18.0 27.0



#81

Benzo(a)anthracene

Concen: 130.449 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.141 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

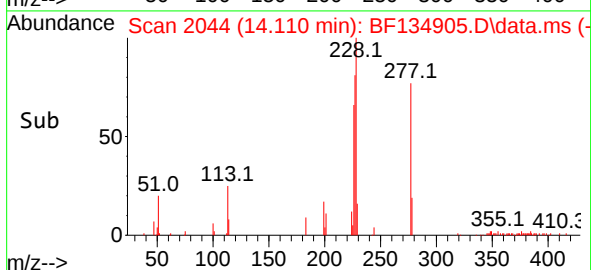
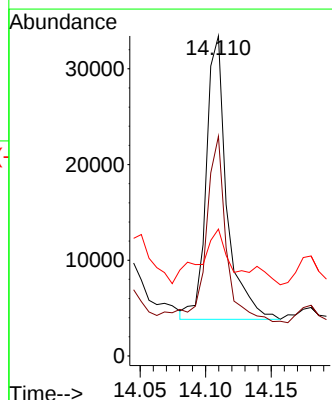
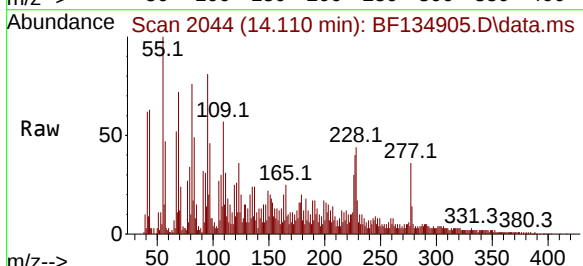
Tgt Ion:228 Resp: 32477

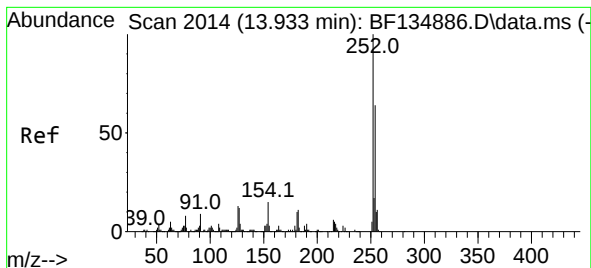
Ion Ratio Lower Upper

228 100

226 68.7 21.8 32.6#

229 39.7 15.6 23.4#





#82

3,3'-Dichlorobenzidine

Concen: 18.084 ng

RT: 14.298 min Scan# 2091

Delta R.T. 0.365 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

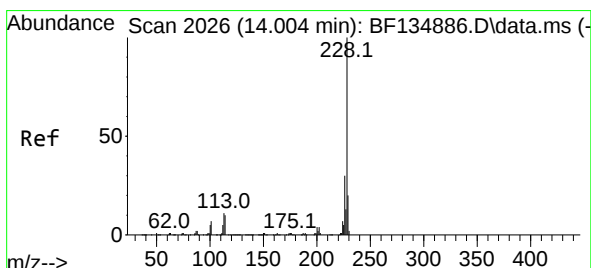
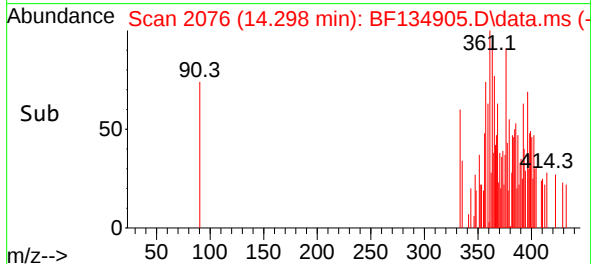
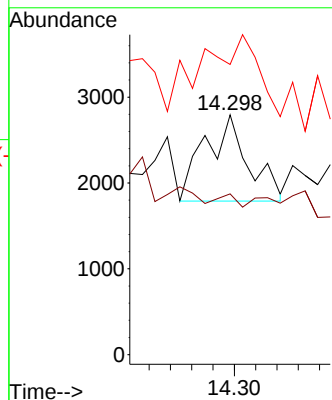
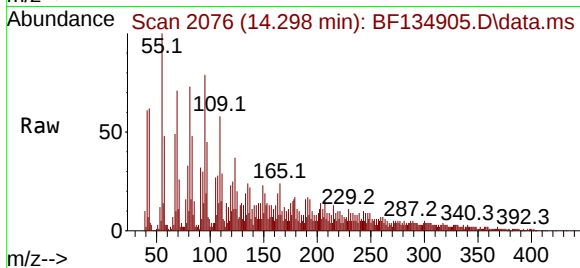
Tgt Ion:252 Resp: 1425

Ion Ratio Lower Upper

252 100

254 67.0 51.6 77.4

126 121.0 10.3 15.5#



#83

Chrysene

Concen: 6.432 ng

RT: 14.386 min Scan# 2091

Delta R.T. 0.382 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

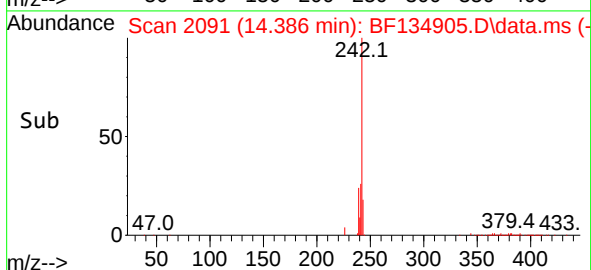
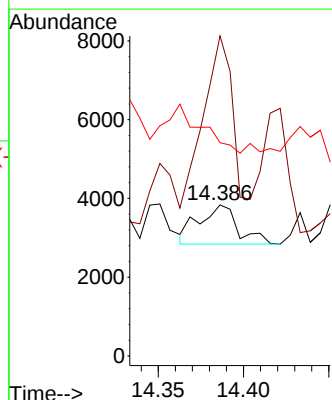
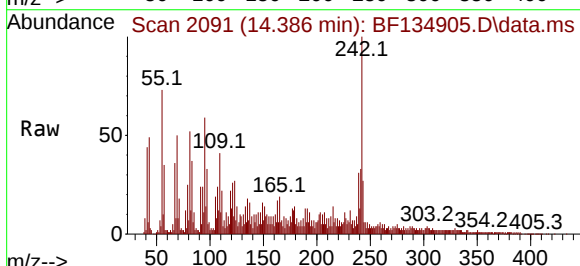
Tgt Ion:228 Resp: 1580

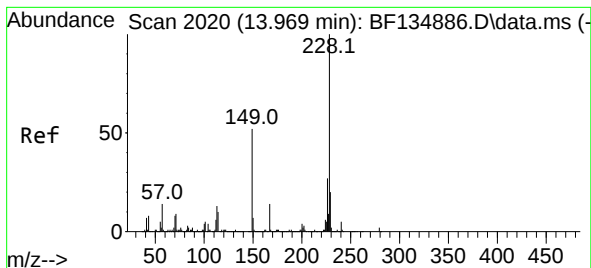
Ion Ratio Lower Upper

228 100

226 211.8 24.2 36.2#

229 141.2 16.0 24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.177 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.541 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

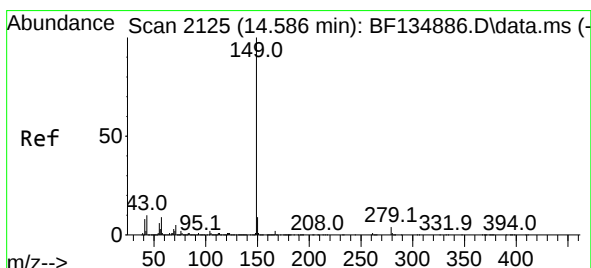
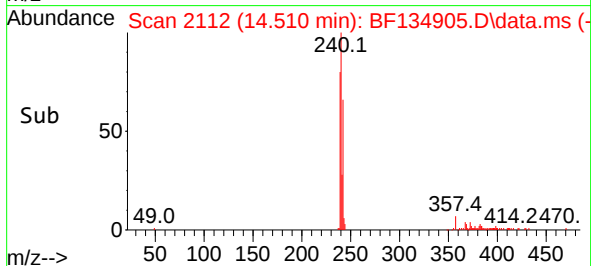
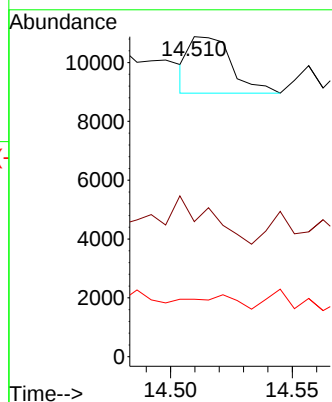
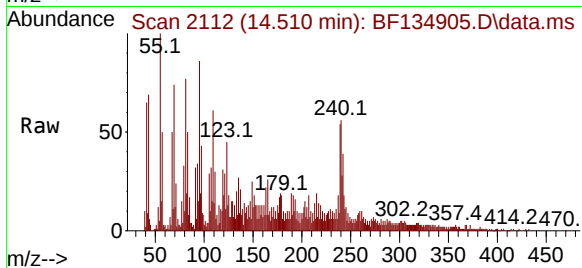
Tgt Ion:149 Resp: 2321

Ion Ratio Lower Upper

149 100

167 42.2 22.1 33.1#

279 17.9 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 3.780 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.418 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

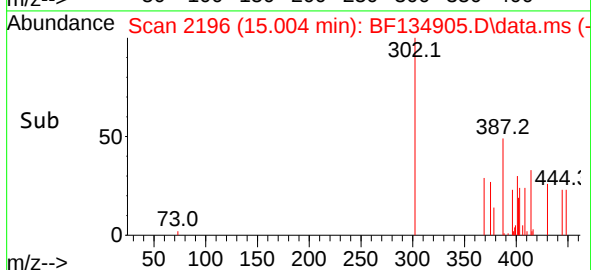
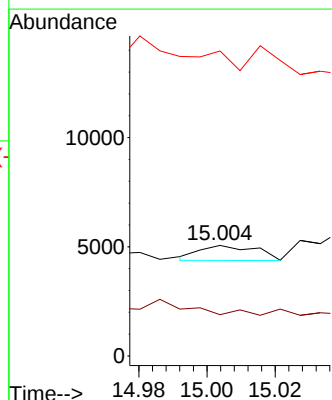
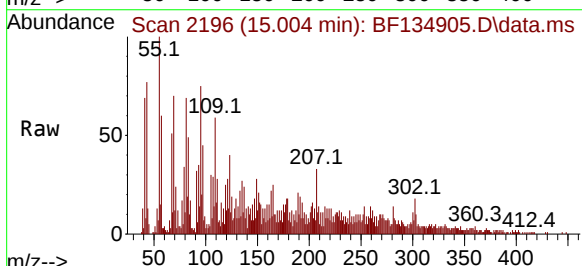
Tgt Ion:149 Resp: 787

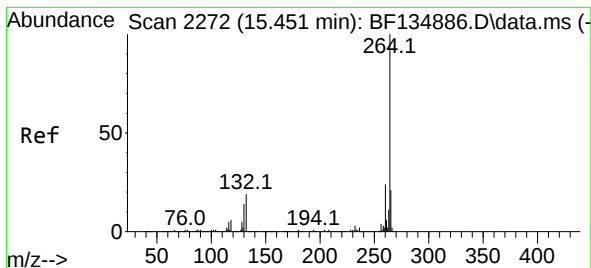
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 21

Delta R.T. 0.376 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

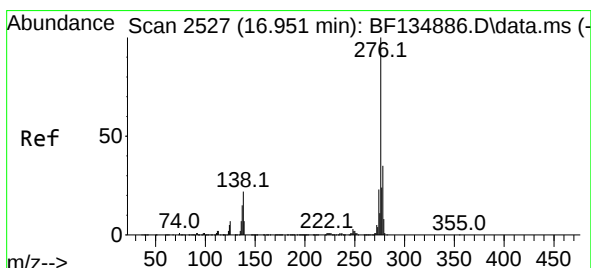
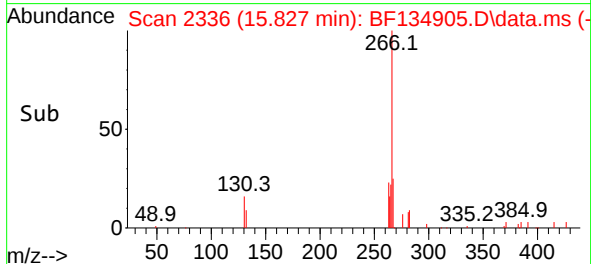
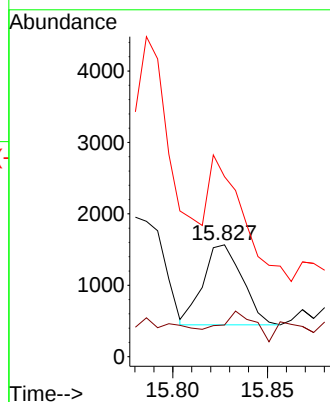
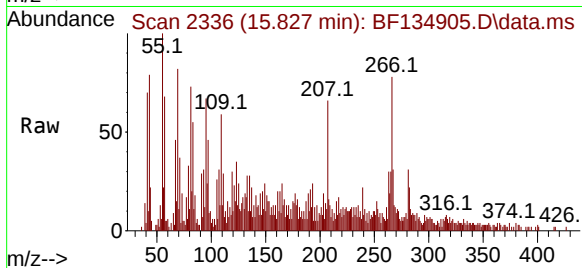
Tgt Ion:264 Resp: 1617

Ion Ratio Lower Upper

264 100

260 28.4 19.0 28.6

265 161.0 17.1 25.7#



#87

Indeno(1,2,3-cd)pyrene

Concen: 1179.184 ng

RT: 17.404 min Scan# 2604

Delta R.T. 0.453 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

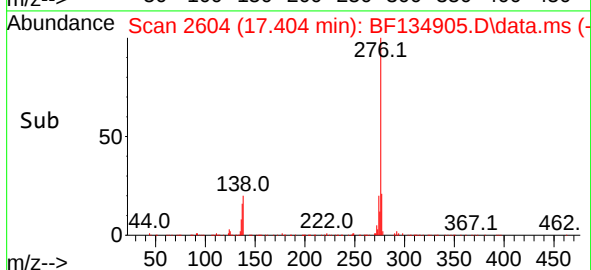
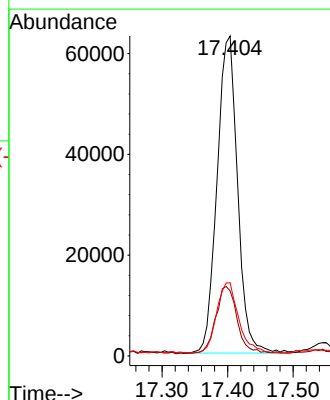
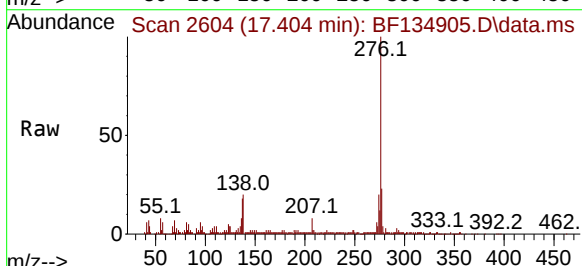
Tgt Ion:276 Resp: 136292

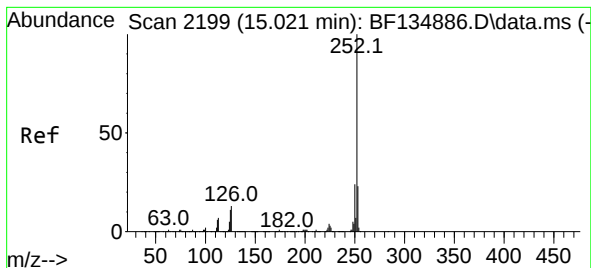
Ion Ratio Lower Upper

276 100

138 22.0 19.7 29.5

277 23.8 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 2799.711 ng

RT: 15.404 min Scan# 2199

Delta R.T. 0.382 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1

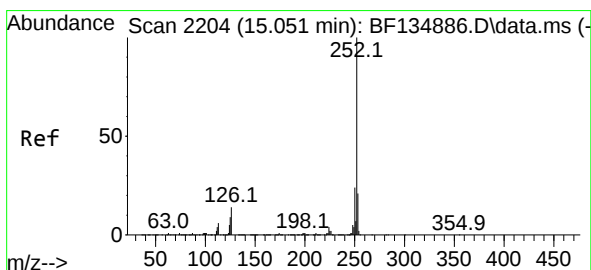
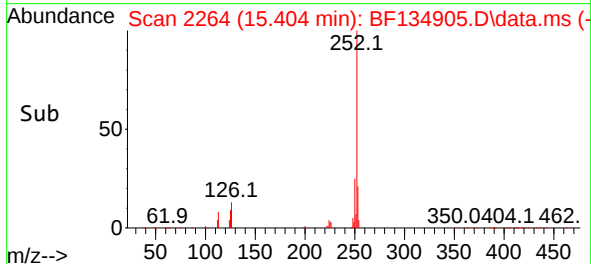
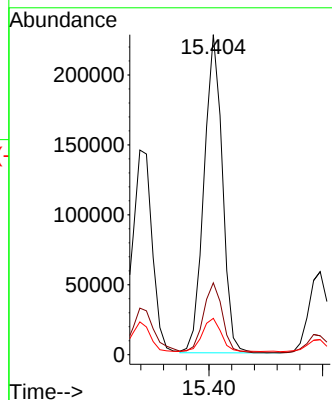
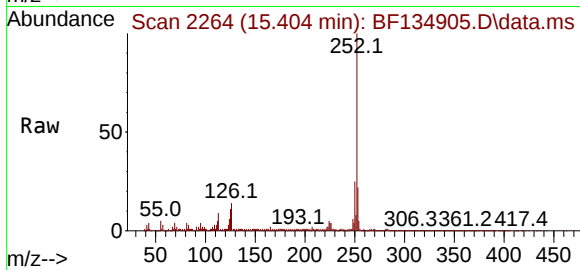
Tgt Ion:252 Resp: 255418

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.4 8.4 12.6



#89

Benzo(k)fluoranthene

Concen: 2851.098 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.353 min

Lab File: BF134905.D

Acq: 23 Aug 2023 15:34

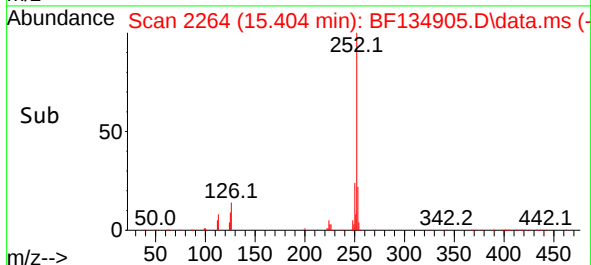
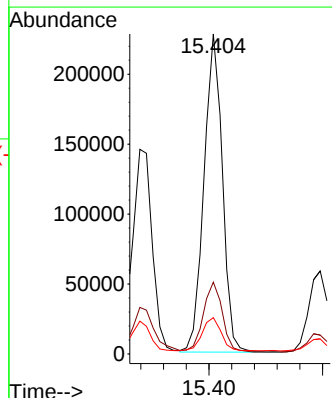
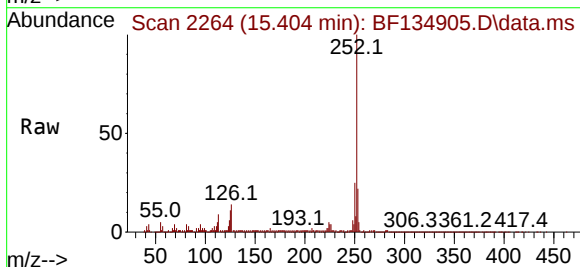
Tgt Ion:252 Resp: 255418

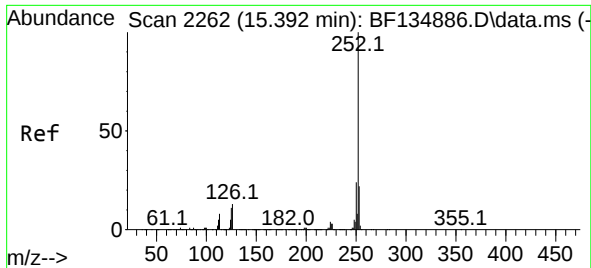
Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 11.4 8.0 12.0

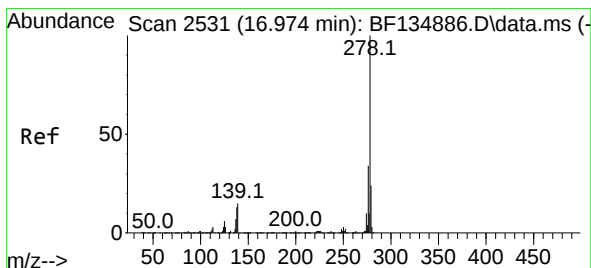
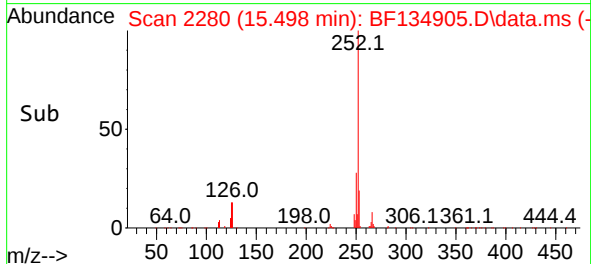
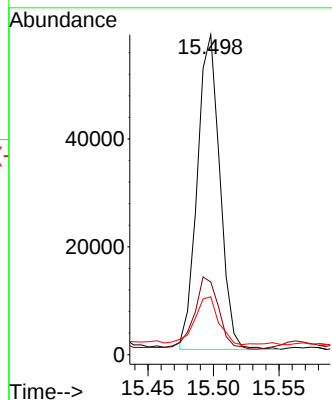
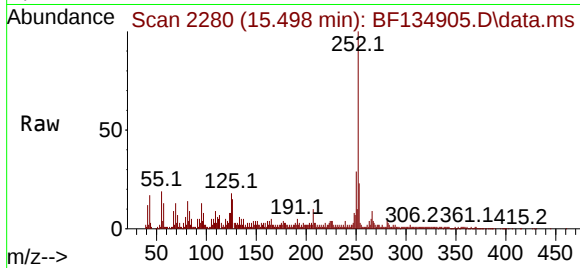




#90
Benzo(a)pyrene
Concen: 768.072 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

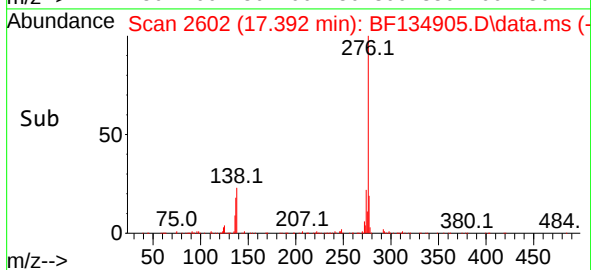
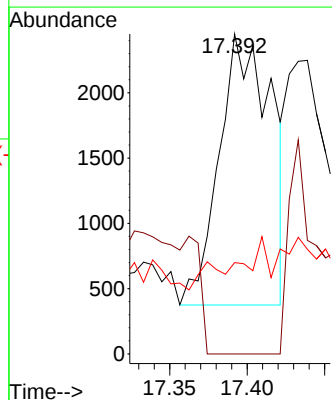
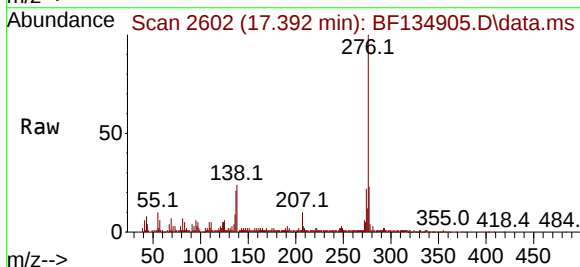
Instrument :
BNA_F
ClientSampleId :
WC-1

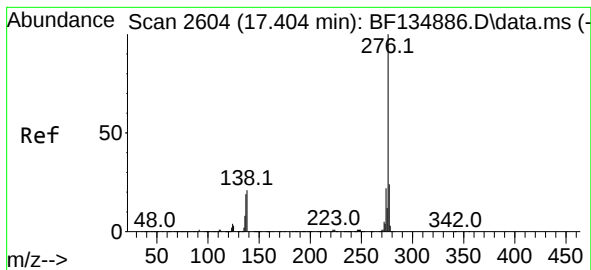
Tgt Ion:252 Resp: 69951
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 18.1 8.4 12.6#



#91
Dibenzo(a,h)anthracene
Concen: 51.850 ng
RT: 17.392 min Scan# 2602
Delta R.T. 0.418 min
Lab File: BF134905.D
Acq: 23 Aug 2023 15:34

Tgt Ion:278 Resp: 4849
Ion Ratio Lower Upper
278 100
139 0.0 12.2 18.4#
279 28.6 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 311.561 ng

RT: 17.639 min Scan# 20

Delta R.T. 0.235 min

Lab File: BF134905.D

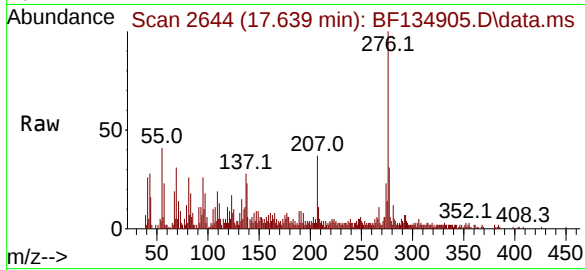
Acq: 23 Aug 2023 15:34

Instrument :

BNA_F

ClientSampleId :

WC-1



Tgt Ion:	276	Resp:	29827
Ion Ratio	Lower	Upper	
276	100		
277	30.8	19.2	28.8#
138	23.5	17.0	25.6

