

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134906.D
 Acq On : 23 Aug 2023 16:05
 Operator : CG\JU
 Sample : 04100-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Aug 24 04:26:21 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	8.139	136	705	20.000	ng	# 0.06
39) Acenaphthene-d10	9.916	164	2939	20.000	ng	# 0.08
64) Phenanthrene-d10	11.445	188	4111	20.000	ng	# 0.12
76) Chrysene-d12	14.127	240	1074	20.000	ng	# 0.15
86) Perylene-d12	15.645	264	2247	20.000	ng	# 0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	746648	0.000	ng	0.01
7) Phenol-d6	6.439	99	918698	0.000	ng	0.00
23) Nitrobenzene-d5	7.357	82	569309	44497.796	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	179564	5187.599	ng	0.01
45) 2-Fluorobiphenyl	9.151	172	921088	4844.856	ng	0.00
79) Terphenyl-d14	12.945	244	646754	8282.554	ng	0.02
Target Compounds						
						Qvalue
22) Acetophenone	7.204	105	456509	29296.604	ng	96
24) Nitrobenzene	7.381	77	354615	27622.362	ng	96
25) Isophorone	7.616	82	623073	26080.558	ng	100
26) 2-Nitrophenol	7.692	139	136481	21354.013	ng	95
27) 2,4-Dimethylphenol	7.734	122	282732	27122.032	ng	95
28) bis(2-Chloroethoxy)met...	7.828	93	385658	27084.897	ng	99
29) 2,4-Dichlorophenol	7.934	162	273763	26579.170	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	307071	28081.907	ng	99
31) Naphthalene	8.098	128	978298	27790.429	ng	99
32) Benzoic acid	7.857	122	201131	26144.070	ng	97
33) 4-Chloroaniline	8.151	127	131871	8730.871	ng	99
34) Hexachlorobutadiene	8.210	225	179287	27568.128	ng	98
35) Caprolactam	8.516	113	79638	24768.612	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	276694	25456.503	ng	99
37) 2-Methylnaphthalene	8.886	142	553725	23586.624	ng	96
38) 1-Methylnaphthalene	8.886	142	553725	25224.361	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	281869	3147.408	ng	99
41) Hexachlorocyclopentadiene	8.939	237	70024	1766.068	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	178077	3010.810	ng	96
44) 2,4,5-Trichlorophenol	9.116	196	178077	2600.590	ng	97
46) 1,1'-Biphenyl	9.257	154	709993	3059.944	ng	99
47) 2-Chloronaphthalene	9.280	162	521567	3009.978	ng	99
48) 2-Nitroaniline	9.380	65	183335	3218.613	ng	98
49) Acenaphthylene	9.698	152	772934	2896.502	ng	99
50) Dimethylphthalate	9.563	163	604600	2890.039	ng	100
51) 2,6-Dinitrotoluene	9.622	165	112231	2432.351	ng	93
52) Acenaphthene	9.869	154	446892	2658.334	ng	98
53) 3-Nitroaniline	9.792	138	111228	2207.051	ng	# 95
54) 2,4-Dinitrophenol	10.022	184	498	22.811	ng	# 1
55) Dibenzofuran	10.045	168	622997	2545.382	ng	96
56) 4-Nitrophenol	10.045	139	243796	6941.685	ng	# 18
57) 2,4-Dinitrotoluene	10.028	165	118022	2068.303	ng	98
58) Fluorene	10.392	166	430818	2320.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	121220	2272.132	ng	99
60) Diethylphthalate	10.269	149	464590	2423.930	ng	94
61) 4-Chlorophenyl-phenyle...	10.386	204	224551	2413.025	ng	96

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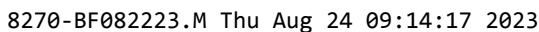
Instrument :
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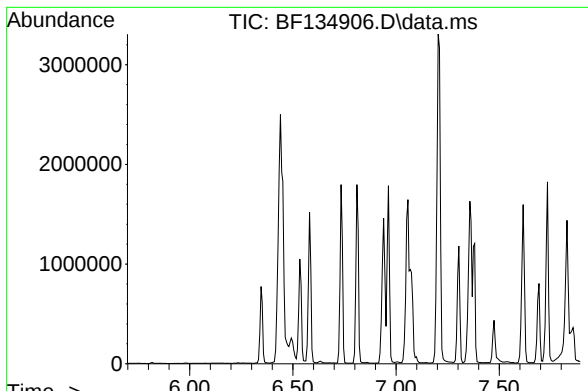
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	10.410	138	90253	1915.728	ng	87
63) Azobenzene	10.551	77	404127	2122.433	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	1361	56.106	ng	# 1
66) n-Nitrosodiphenylamine	10.504	169	370673	2799.953	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	9864	207.976	ng	# 1
68) Hexachlorobenzene	10.951	284	137966	2735.141	ng	# 92
69) Atrazine	11.145	200	22605	628.810	ng	83
70) Pentachlorophenol	11.151	266	138830	4573.336	ng	97
71) Phenanthrene	11.422	178	573545	2662.402	ng	96
72) Anthracene	11.422	178	573545	2598.486	ng	95
73) Carbazole	11.580	167	434794	2390.557	ng	# 94
74) Di-n-butylphthalate	12.110	149	19018	91.171	ng	# 53
75) Fluoranthene	12.574	202	958039	4693.606	ng	96
77) Benzidine	12.821	184	825	47.344	ng	# 1
78) Pyrene	12.810	202	952814	8367.405	ng	98
80) Butylbenzylphthalate	13.427	149	249821	7200.771	ng	92
81) Benzo(a)anthracene	14.033	228	816874	11147.813	ng	94
82) 3,3'-Dichlorobenzidine	14.068	252	1596	68.816	ng	# 1
83) Chrysene	14.033	228	816874	11298.518	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	339498	9033.574	ng	99
85) Di-n-octyl phthalate	14.598	149	614203	10022.440	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.962	276	579554	3608.380	ng	99
88) Benzo(b)fluoranthene	15.068	252	583741	4604.568	ng	100
89) Benzo(k)fluoranthene	15.410	252	614408	4935.424	ng	98
90) Benzo(a)pyrene	15.410	252	616371	4870.318	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	389513	2997.290	ng	100
92) Benzo(g,h,i)perylene	17.645	276	29752	223.644	ng	92

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

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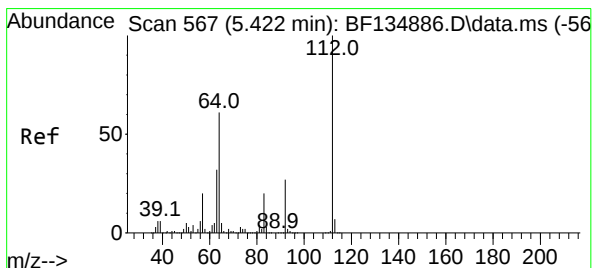
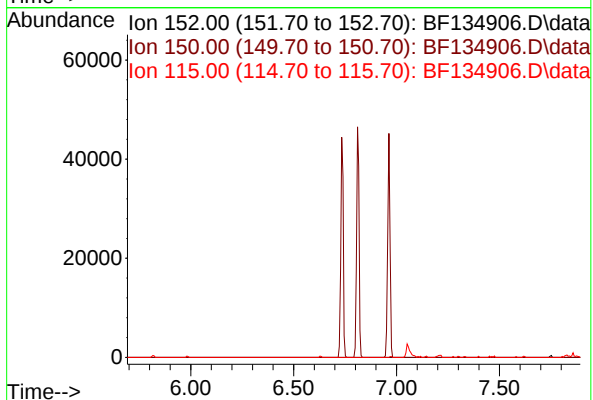




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BF134906.D
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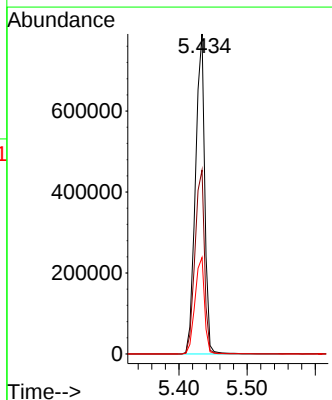
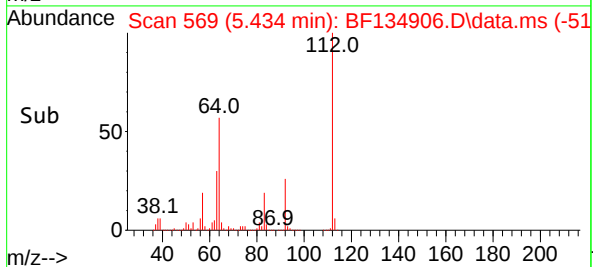
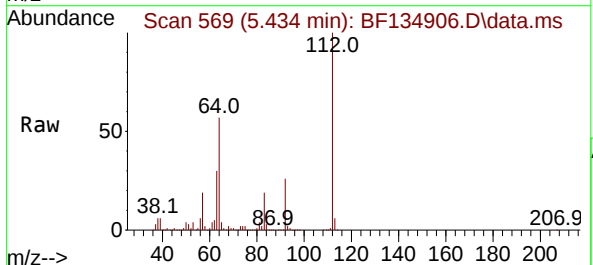
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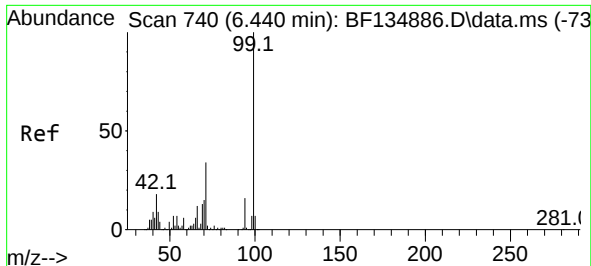
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.6
 115 63.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF134906.D
 Acq: 23 Aug 2023 16:05

Tgt Ion: 112 Resp: 746648
 Ion Ratio Lower Upper
 112 100
 64 57.5 48.6 73.0
 63 30.1 25.7 38.5

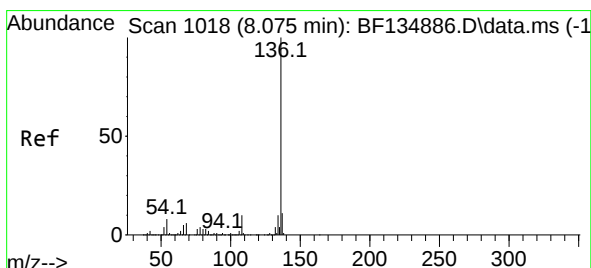
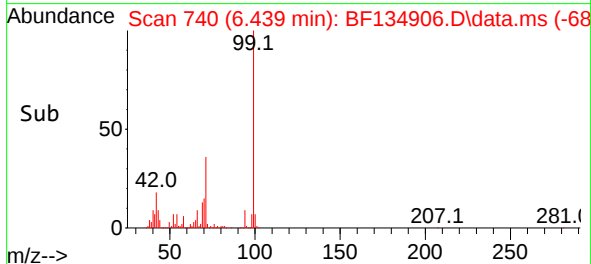
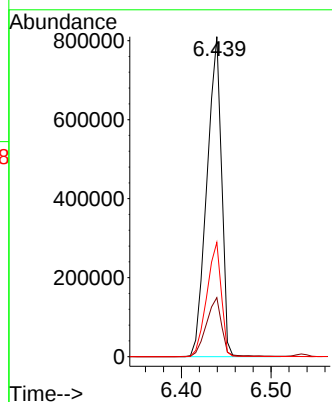
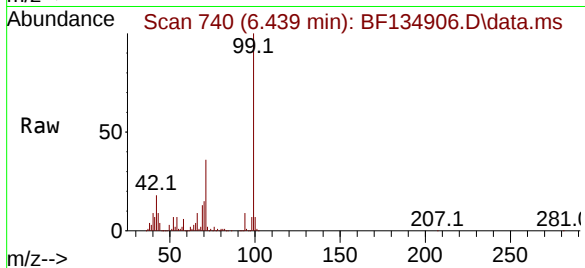




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

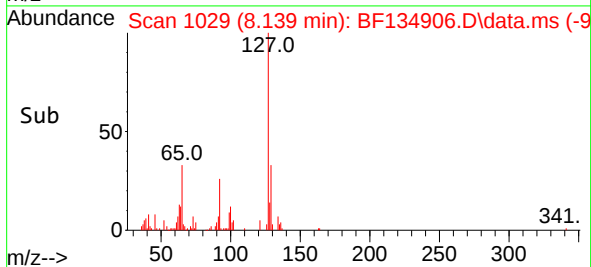
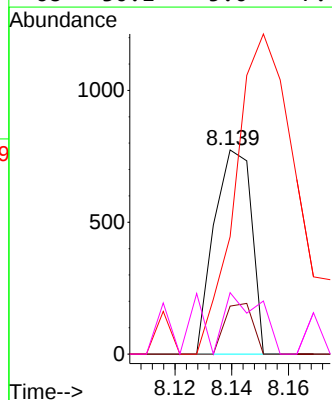
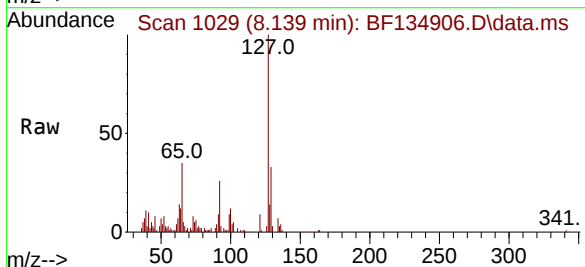
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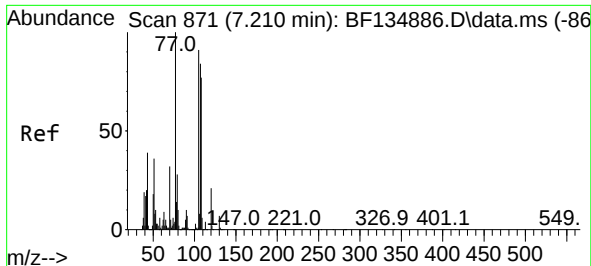
Tgt Ion: 99 Resp: 918698
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 35.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.065 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:136 Resp: 705
Ion Ratio Lower Upper
136 100
137 23.5 8.9 13.3#
54 57.5 6.6 9.8#
68 30.1 5.0 7.4#

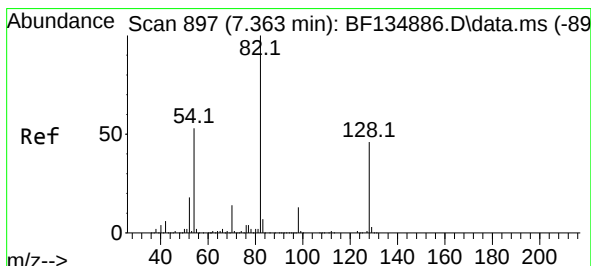
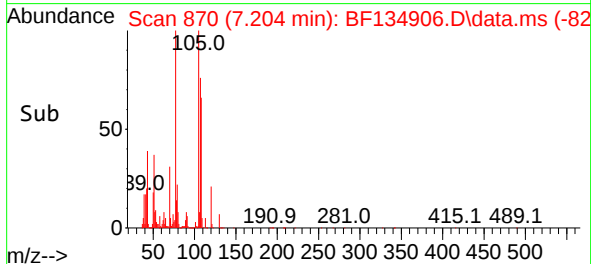
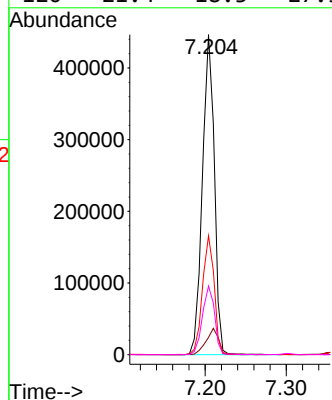
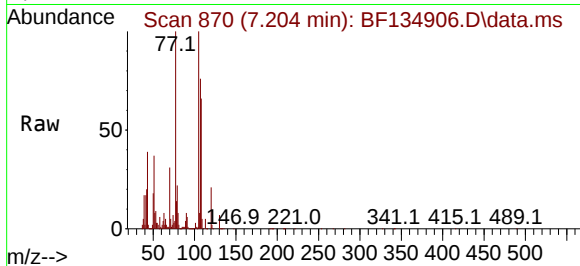




#22
Acetophenone
Concen: 29296.604 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

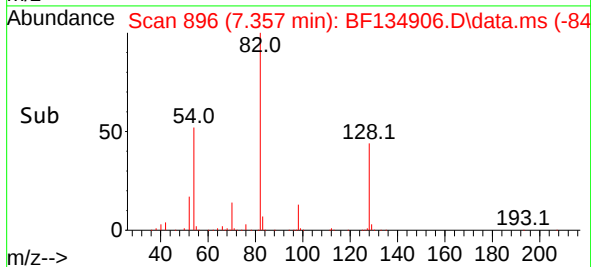
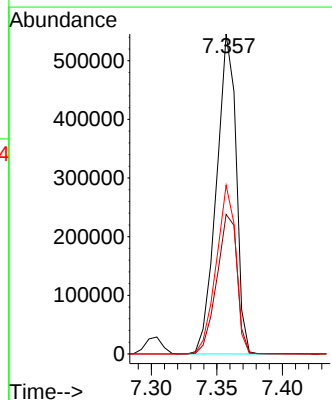
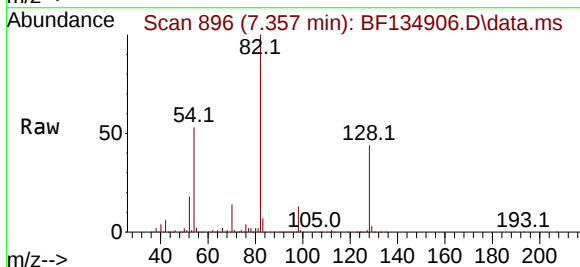
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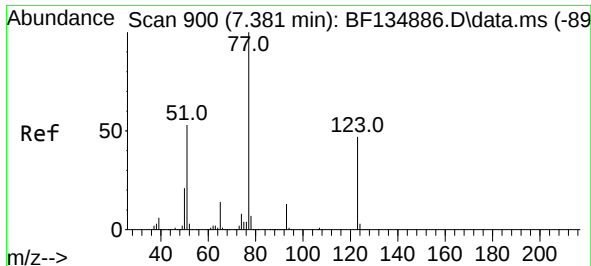
Tgt Ion:105 Resp: 456509
Ion Ratio Lower Upper
105 100
71 5.4 4.6 6.8
51 37.1 32.2 48.2
120 21.4 18.3 27.5



#23
Nitrobenzene-d5
Concen: 44497.796 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion: 82 Resp: 569309
Ion Ratio Lower Upper
82 100
128 43.6 36.6 54.8
54 52.7 42.6 63.8

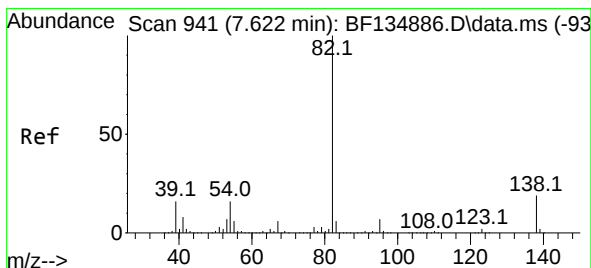
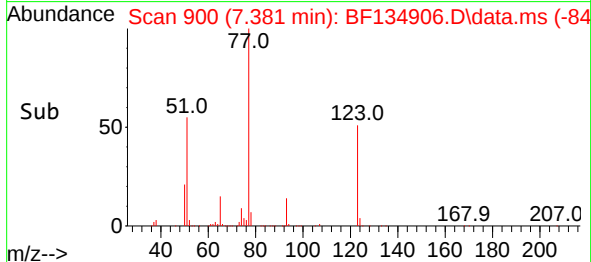
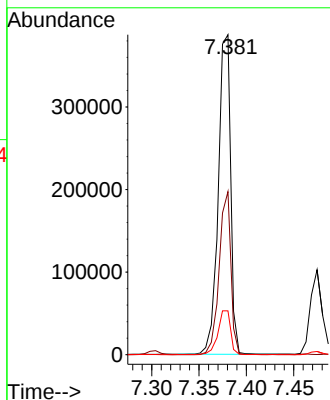
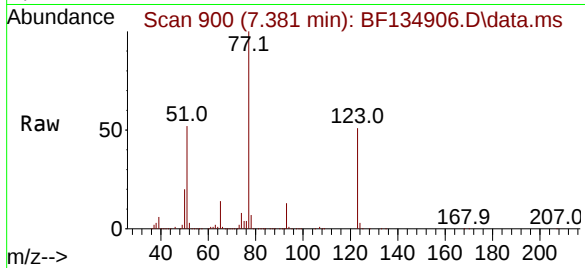




#24
Nitrobenzene
Concen: 27622.362 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

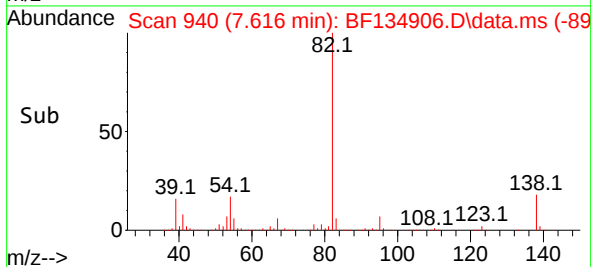
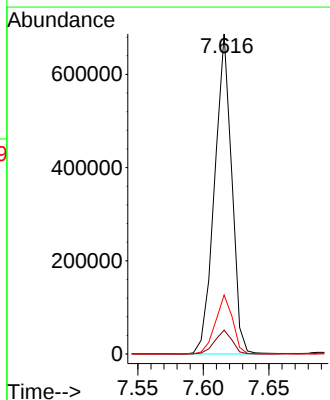
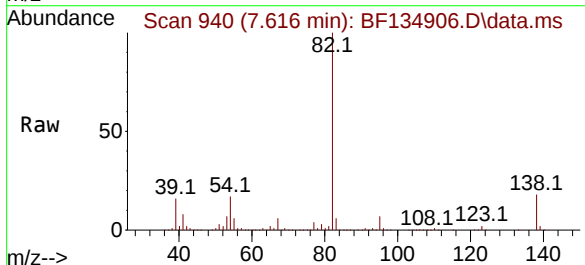
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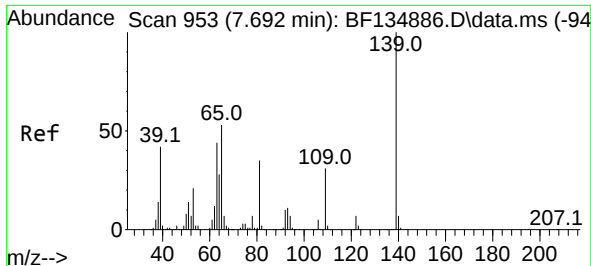
Tgt Ion: 77 Resp: 354615
Ion Ratio Lower Upper
77 100
123 51.0 37.9 56.9
65 13.7 11.1 16.7



#25
Isophorone
Concen: 26080.558 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion: 82 Resp: 623073
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.4 14.9 22.3

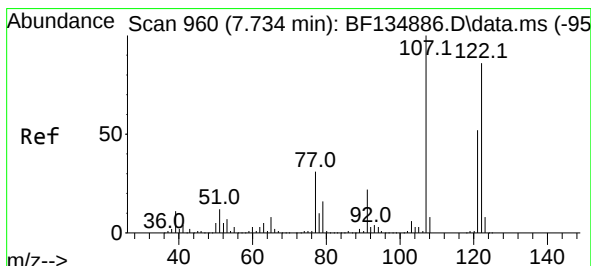
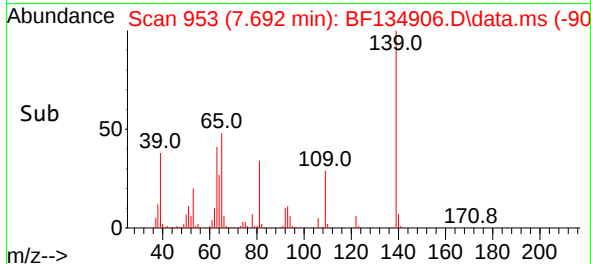
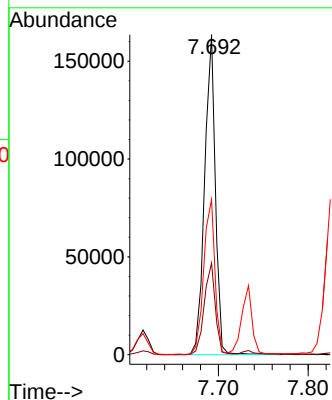
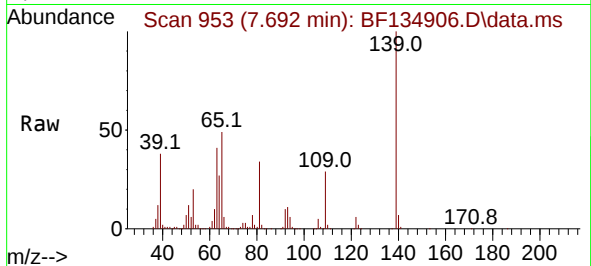




#26
2-Nitrophenol
Concen: 21354.013 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

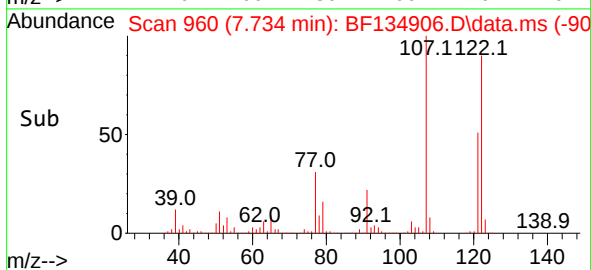
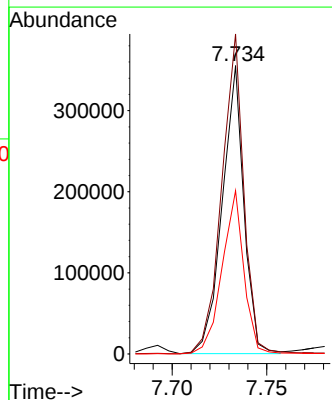
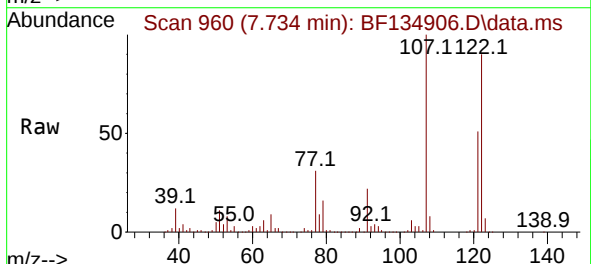
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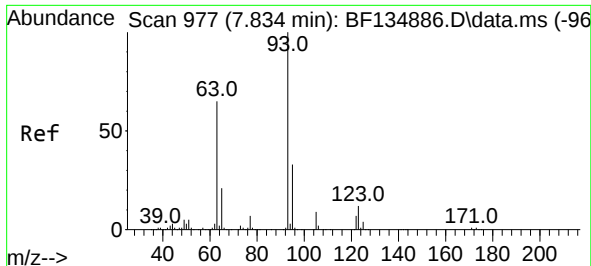
Tgt Ion:139 Resp: 136481
Ion Ratio Lower Upper
139 100
109 28.7 24.5 36.7
65 48.5 42.4 63.6



#27
2,4-Dimethylphenol
Concen: 27122.032 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:122 Resp: 282732
Ion Ratio Lower Upper
122 100
107 111.0 92.9 139.3
121 56.6 48.4 72.6

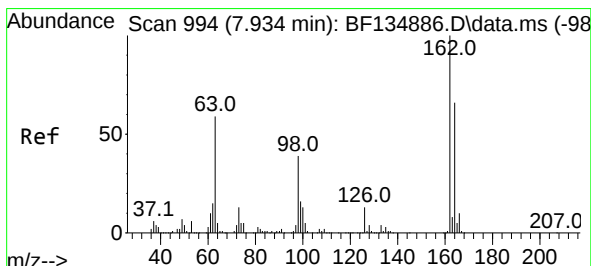
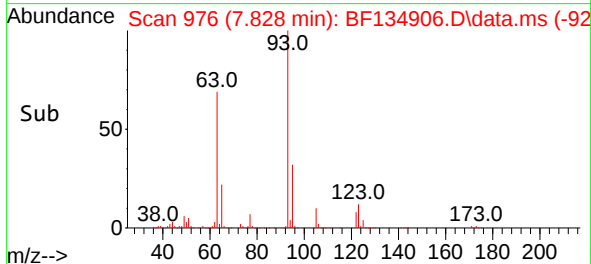
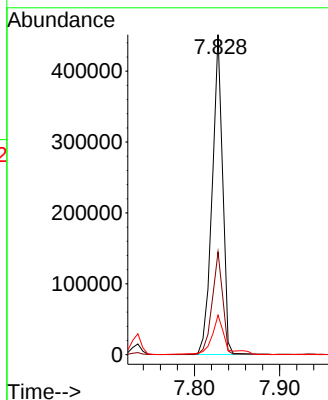
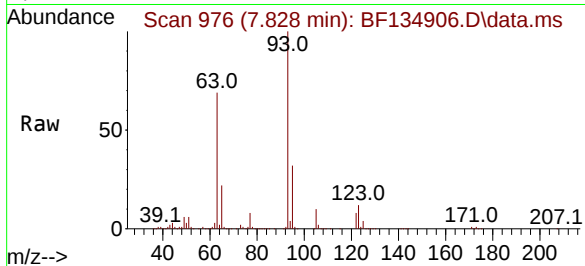




#28
bis(2-Chloroethoxy)methane
Concen: 27084.897 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

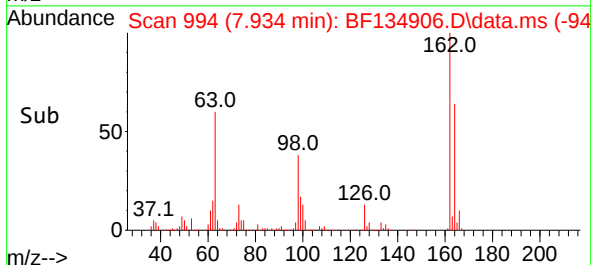
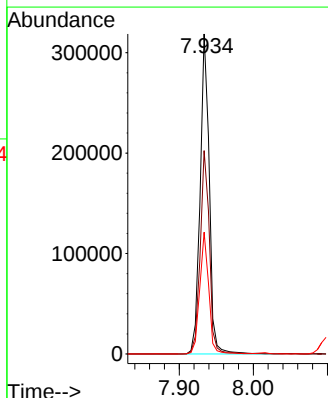
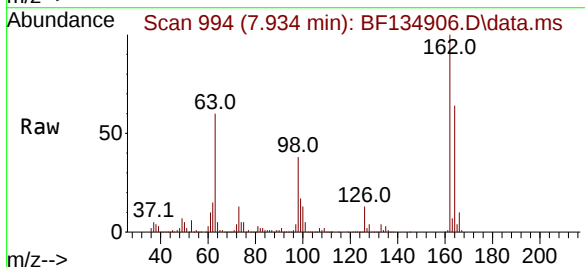
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ClientSampleId :
WC-1MS

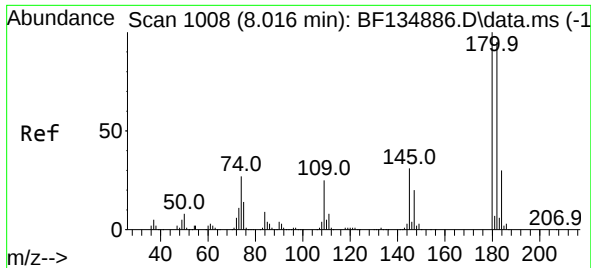
Tgt Ion: 93 Resp: 385658
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 12.4 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 26579.170 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion: 162 Resp: 273763
Ion Ratio Lower Upper
162 100
164 63.5 45.6 85.6
98 38.1 18.5 58.5

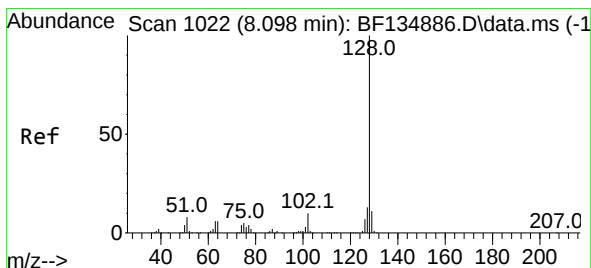
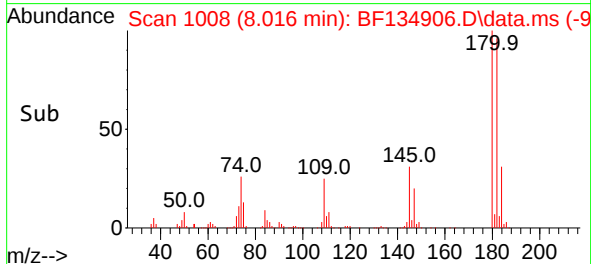
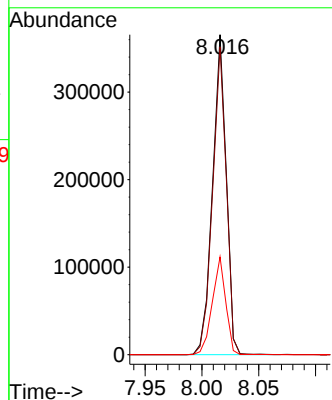
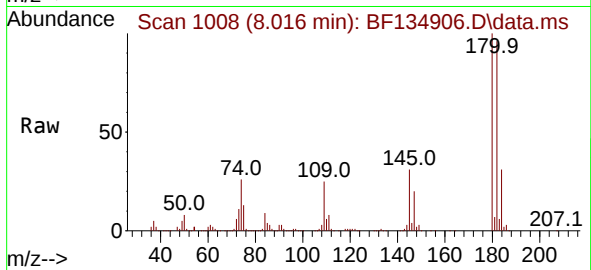




#30
1,2,4-Trichlorobenzene
Concen: 28081.907 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

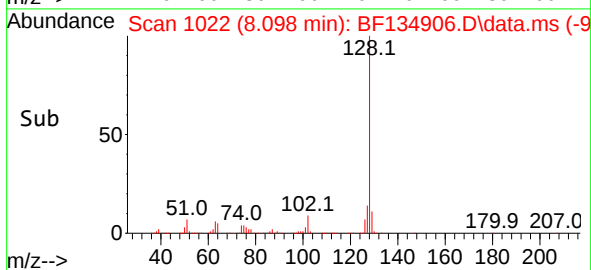
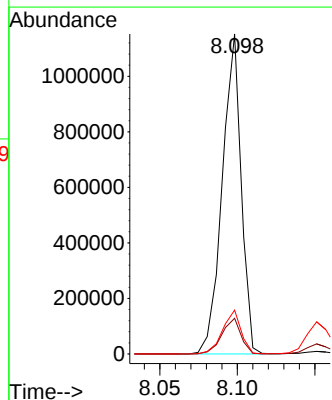
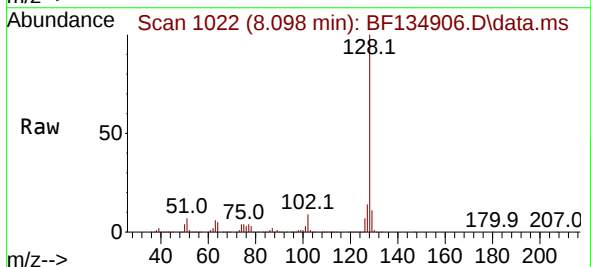
Instrument :
BNA_F
ClientSampleId :
WC-1MS

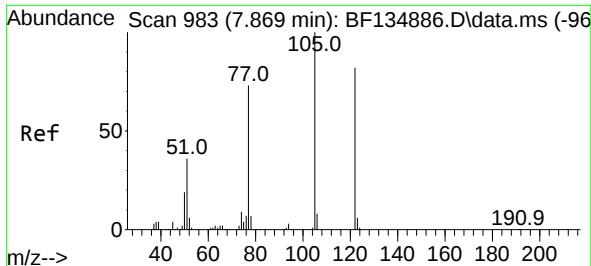
Tgt Ion:180 Resp: 307071
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 30.6 24.6 37.0



#31
Naphthalene
Concen: 27790.429 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:128 Resp: 978298
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.7 10.6 16.0

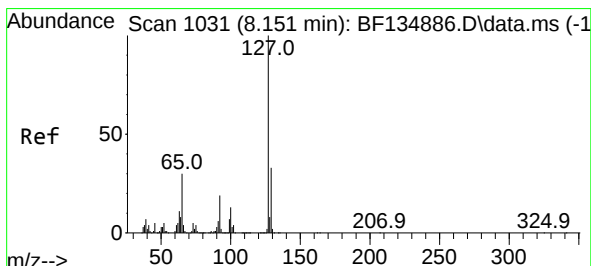
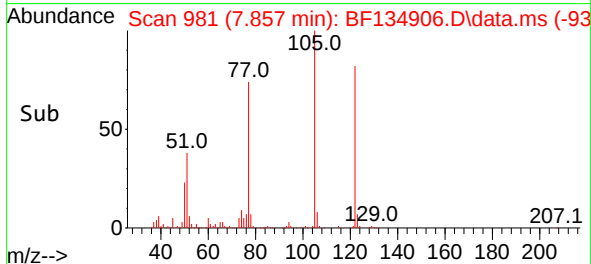
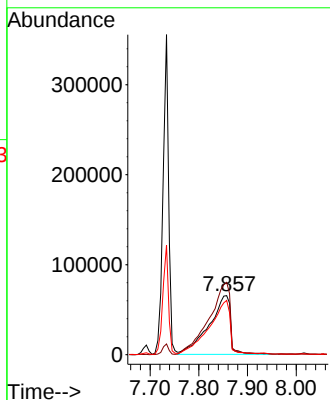
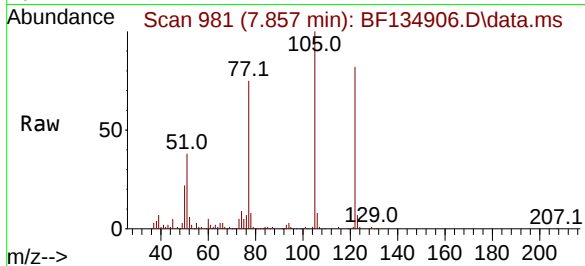




#32
Benzoic acid
Concen: 26144.070 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

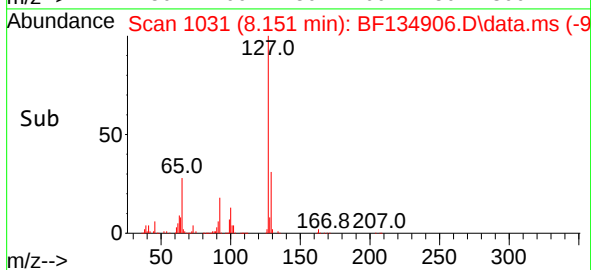
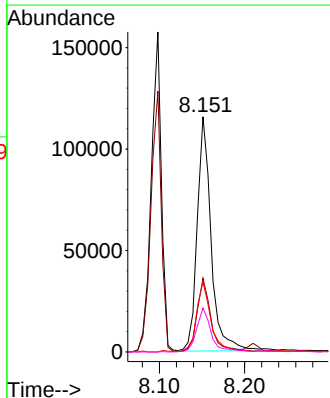
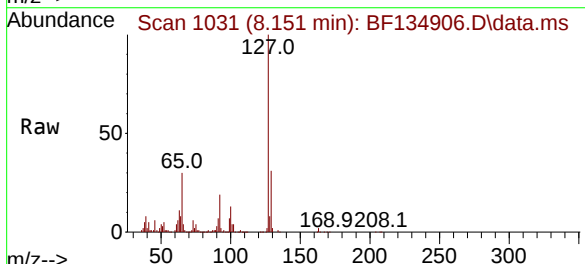
Instrument :
BNA_F
ClientSampleId :
WC-1MS

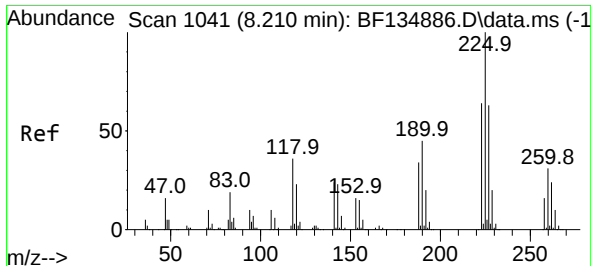
Tgt Ion:122 Resp: 201131
Ion Ratio Lower Upper
122 100
105 122.4 98.6 138.6
77 91.7 68.6 108.6



#33
4-Chloroaniline
Concen: 8730.871 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:127 Resp: 131871
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6
65 29.9 23.8 35.8
92 18.6 15.3 22.9

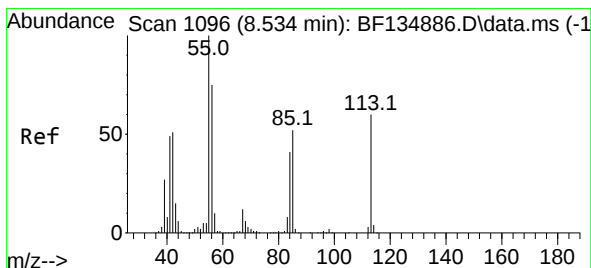
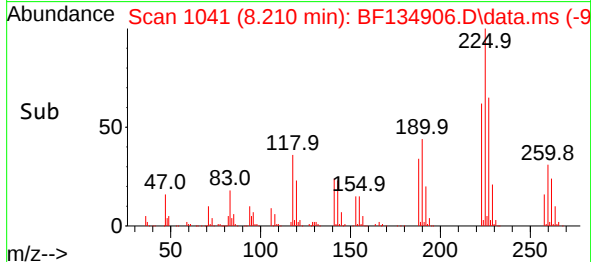
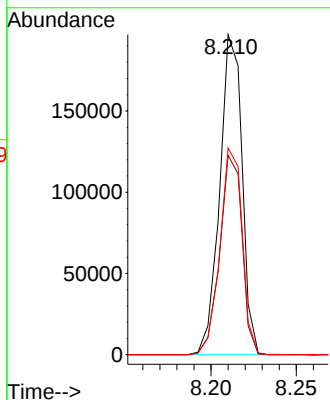
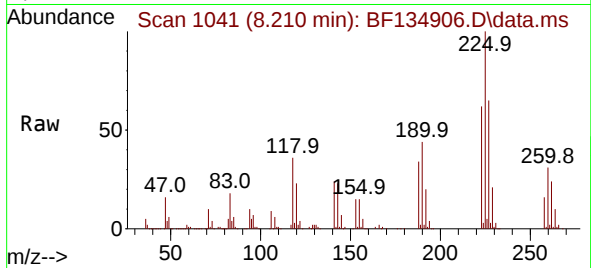




#34
Hexachlorobutadiene
Concen: 27568.128 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

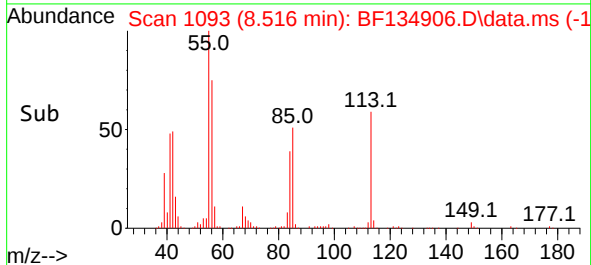
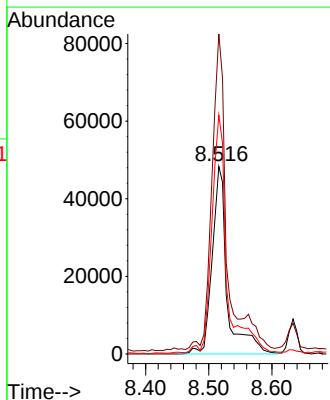
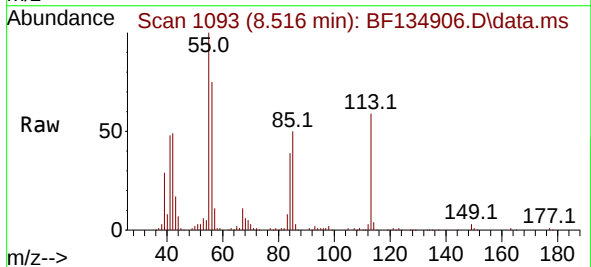
Instrument :
BNA_F
ClientSampleId :
WC-1MS

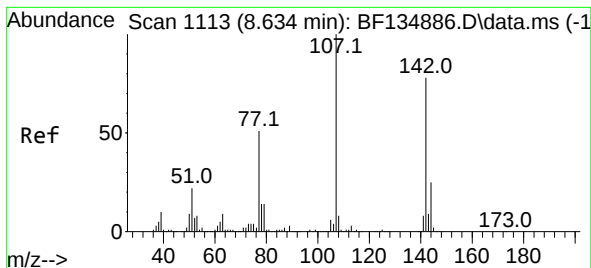
Tgt Ion:225 Resp: 179287
Ion Ratio Lower Upper
225 100
223 62.3 51.1 76.7
227 64.6 50.1 75.1



#35
Caprolactam
Concen: 24768.612 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:113 Resp: 79638
Ion Ratio Lower Upper
113 100
55 170.6 147.2 187.2
56 127.3 106.0 146.0

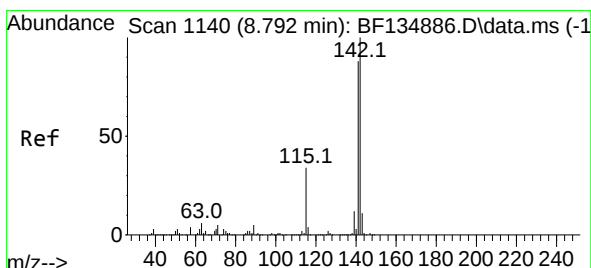
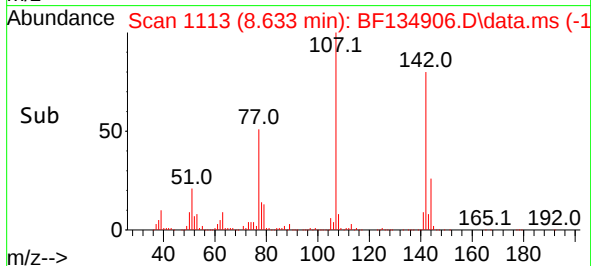
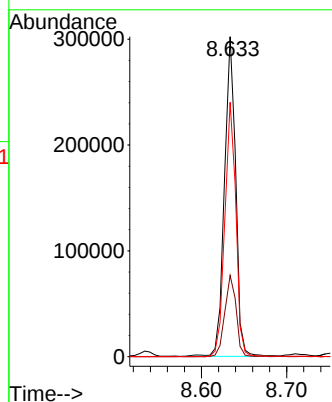
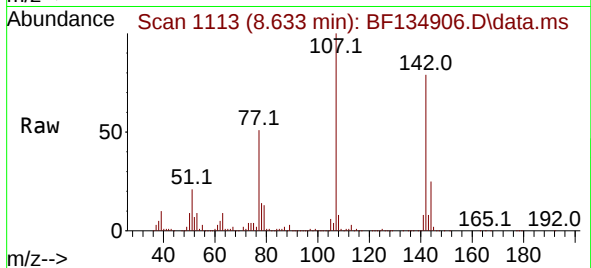




#36
4-Chloro-3-methylphenol
Concen: 25456.503 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

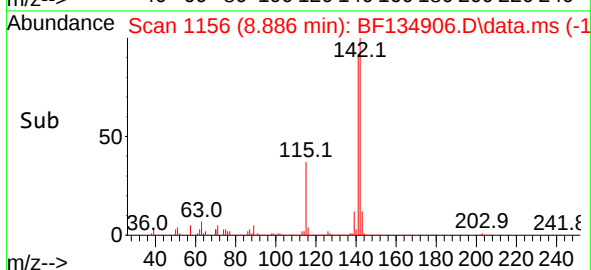
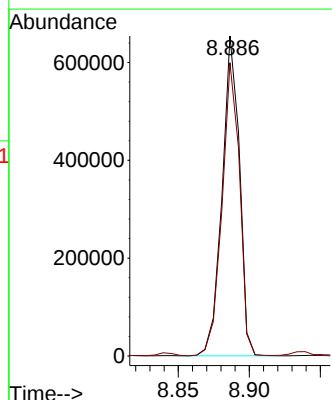
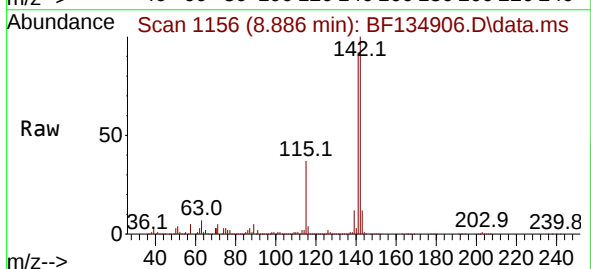
Instrument :
BNA_F
ClientSampleId :
WC-1MS

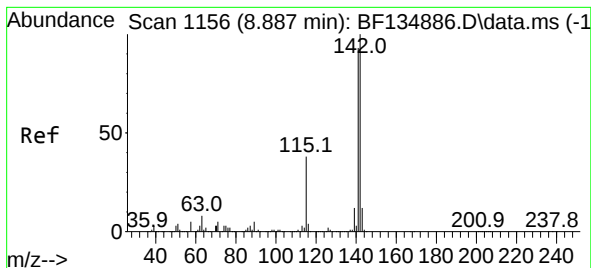
Tgt Ion:107 Resp: 276694
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 79.5 62.5 93.7



#37
2-Methylnaphthalene
Concen: 23586.624 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.094 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:142 Resp: 553725
Ion Ratio Lower Upper
142 100
141 91.7 70.2 105.2





#38

1-Methylnaphthalene

Concen: 25224.361 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

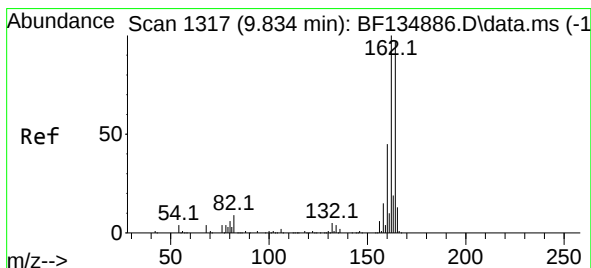
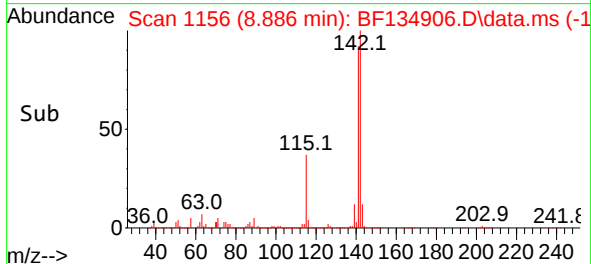
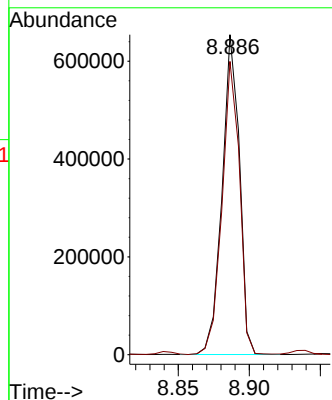
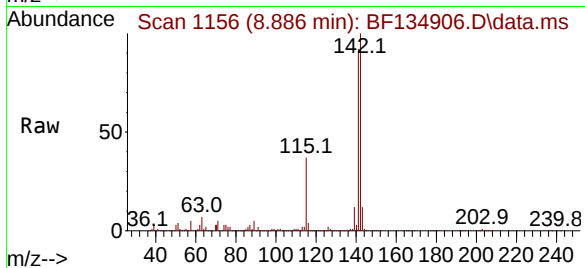
WC-1MS

Tgt Ion:142 Resp: 553725

Ion Ratio Lower Upper

142 100

141 91.7 74.1 111.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.082 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

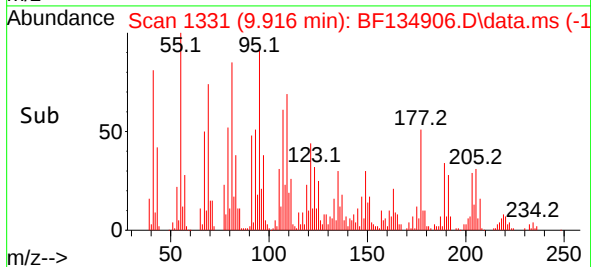
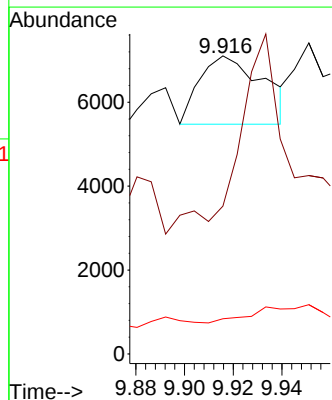
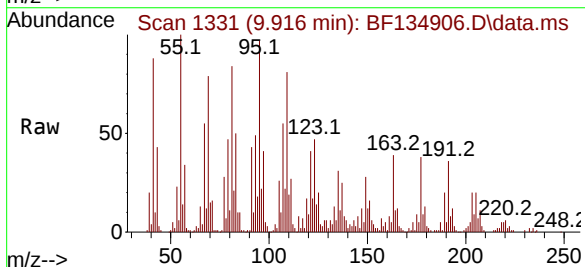
Tgt Ion:164 Resp: 2939

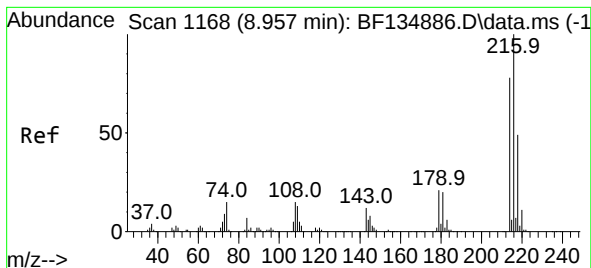
Ion Ratio Lower Upper

164 100

162 49.6 82.6 123.8#

160 11.8 37.0 55.4#

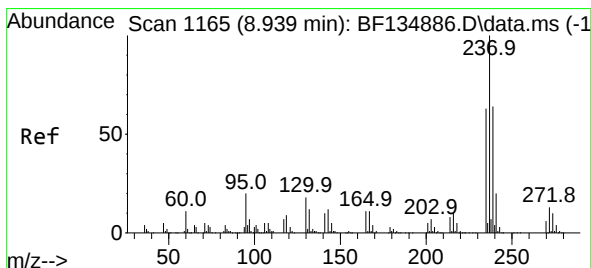
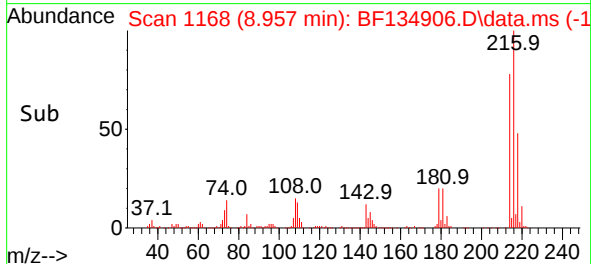
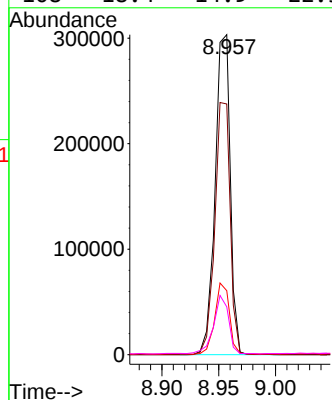
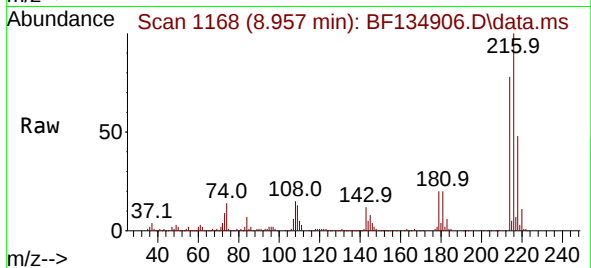




#40
1,2,4,5-Tetrachlorobenzene
Concen: 3147.408 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

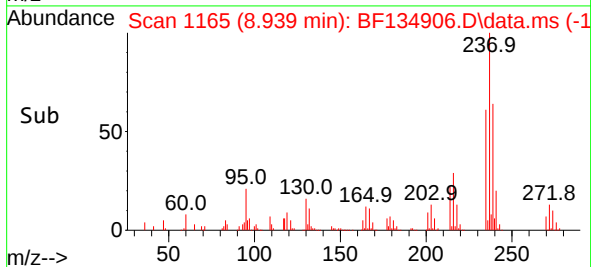
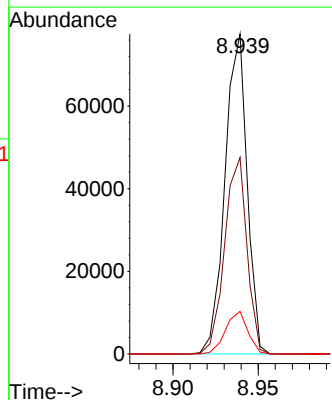
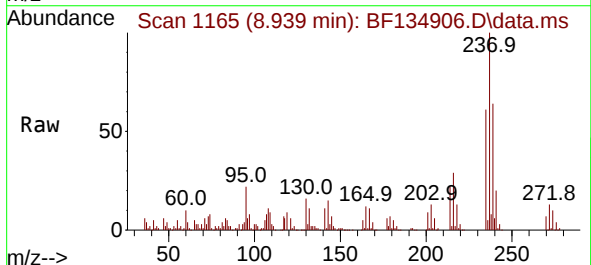
Instrument :
BNA_F
ClientSampleId :
WC-1MS

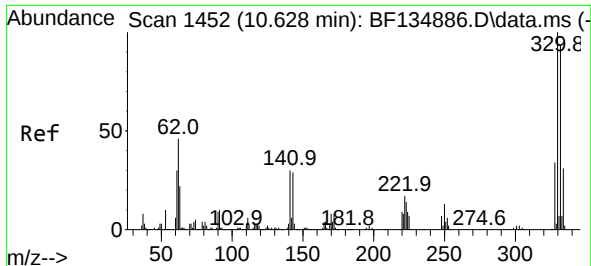
Tgt Ion:	216	Resp:	281869
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.1	94.7
179	21.3	17.3	25.9
108	18.4	14.9	22.3



#41
Hexachlorocyclopentadiene
Concen: 1766.068 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:	237	Resp:	70024
Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.1	83.1
272	13.3	0.0	32.6





#42

2,4,6-Tribromophenol

Concen: 5187.599 ng

RT: 10.639 min Scan# 1452

Delta R.T. 0.012 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

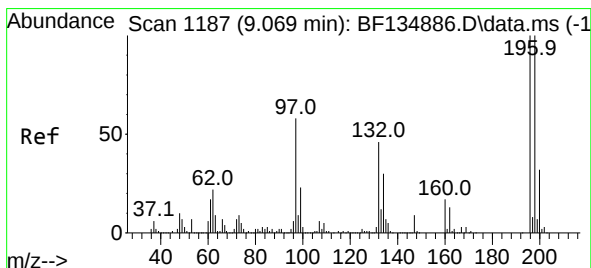
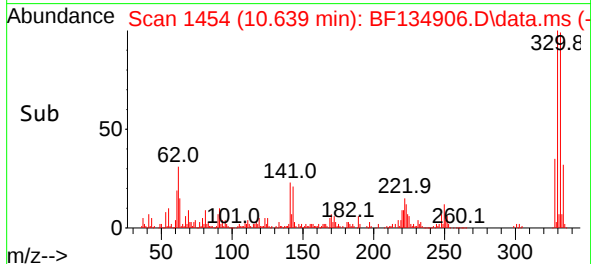
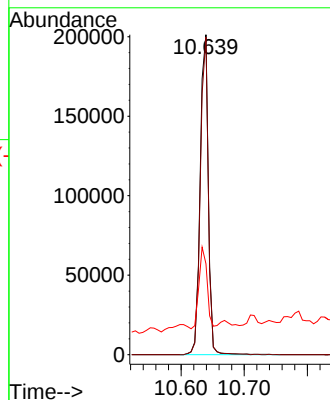
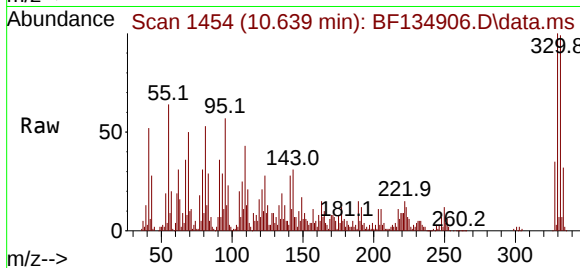
Tgt Ion:330 Resp: 179564

Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 25.6 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 3010.810 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.047 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

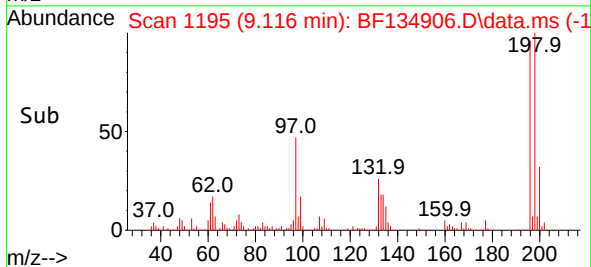
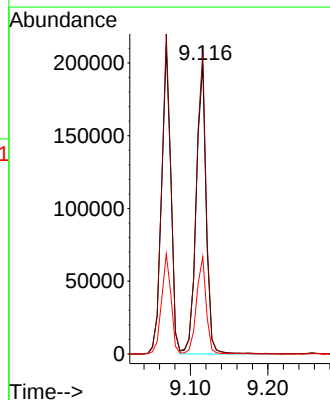
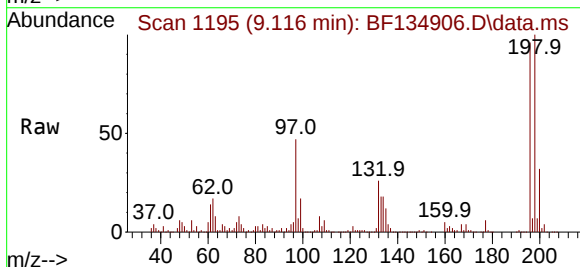
Tgt Ion:196 Resp: 178077

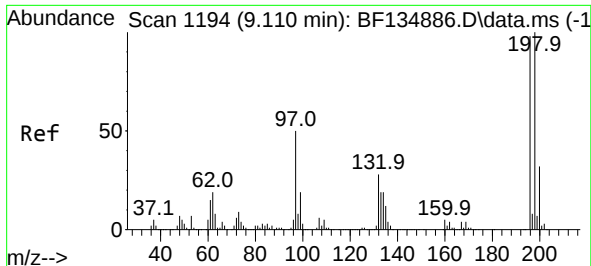
Ion Ratio Lower Upper

196 100

198 104.3 79.8 119.6

200 33.5 25.8 38.6

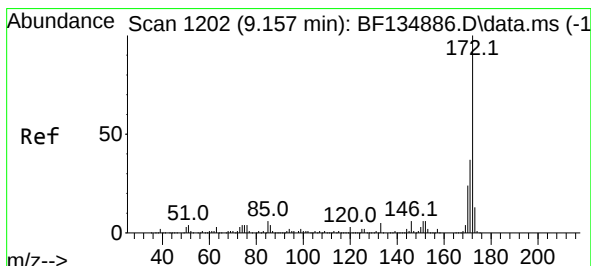
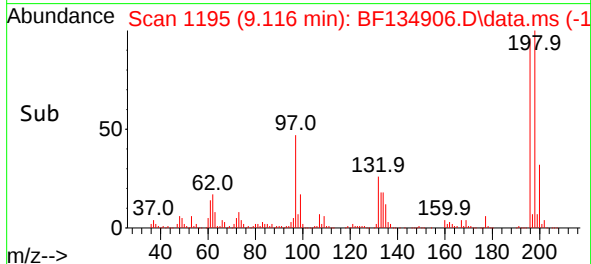
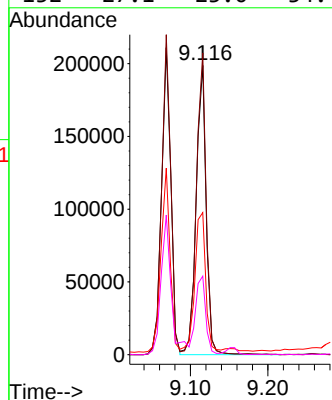
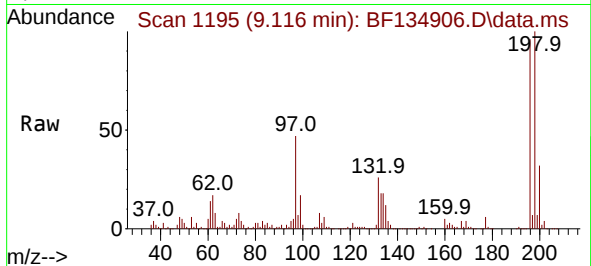




#44
2,4,5-Trichlorophenol
Concen: 2600.590 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

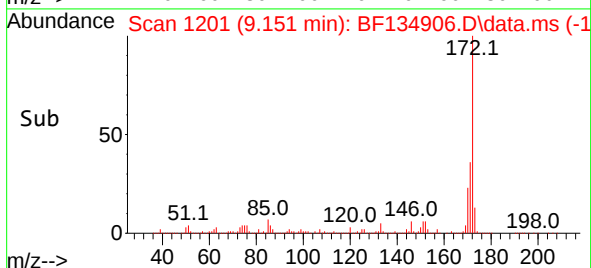
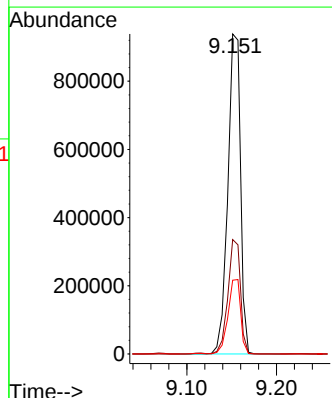
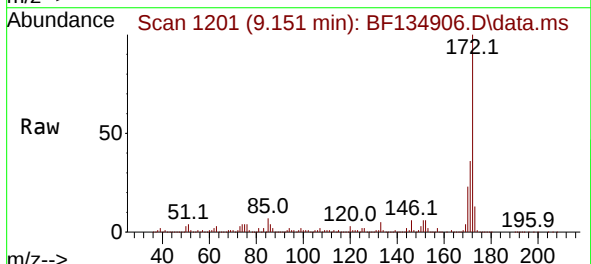
Instrument :
BNA_F
ClientSampleId :
WC-1MS

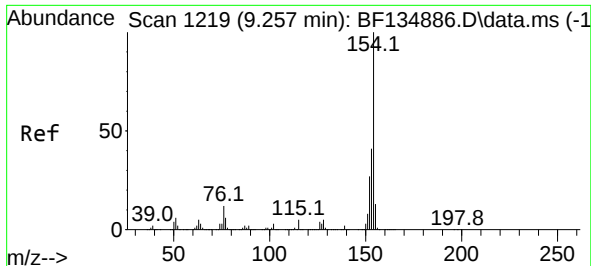
Tgt Ion:196 Resp: 178077
Ion Ratio Lower Upper
196 100
198 104.3 81.8 122.6
97 49.1 41.3 61.9
132 27.1 23.0 34.4



#45
2-Fluorobiphenyl
Concen: 4844.856 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:172 Resp: 921088
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.1 19.6 29.4

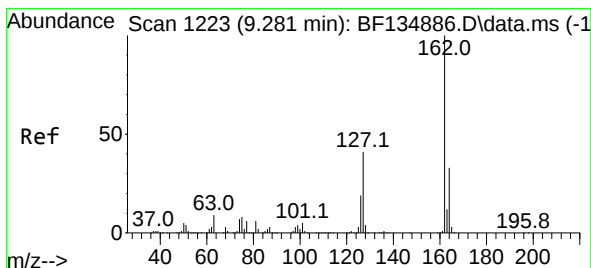
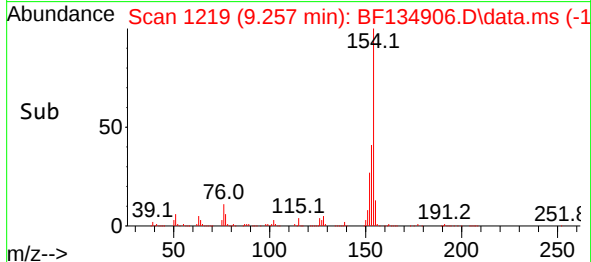
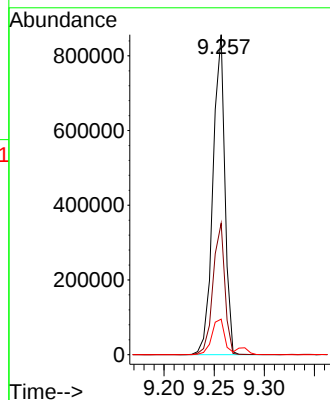
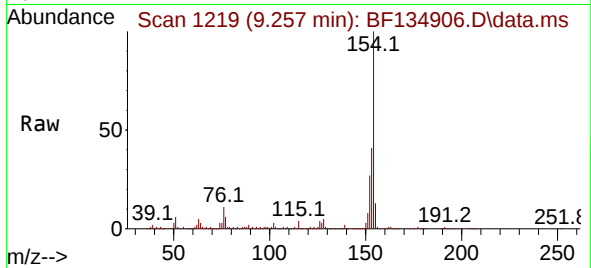




#46
1,1'-Biphenyl
Concen: 3059.944 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

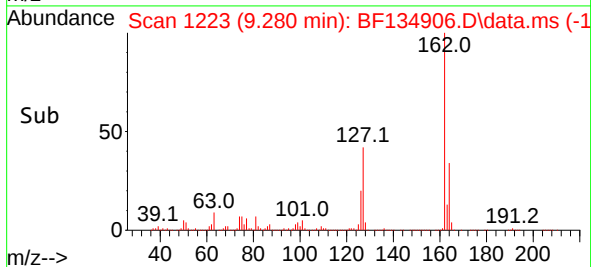
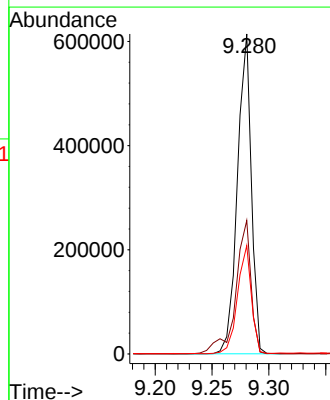
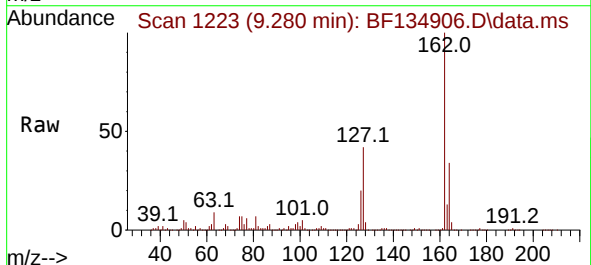
Instrument :
BNA_F
ClientSampleId :
WC-1MS

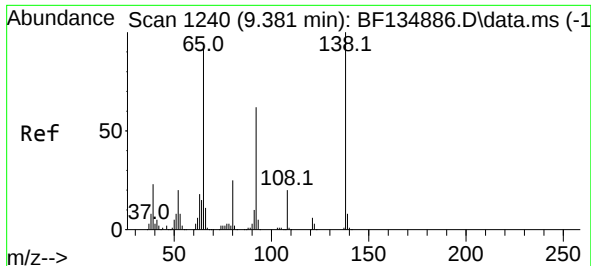
Tgt Ion:154 Resp: 709993
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 11.1 0.0 31.8



#47
2-Chloronaphthalene
Concen: 3009.978 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:162 Resp: 521567
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.0
164 33.9 26.6 39.8

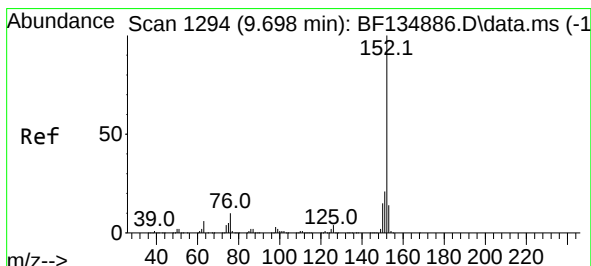
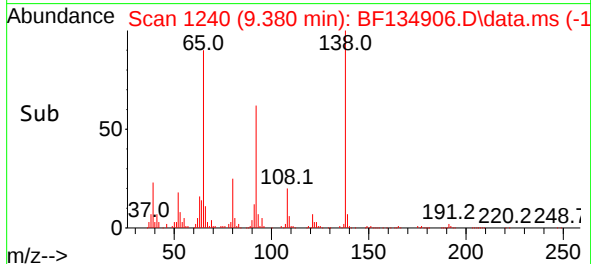
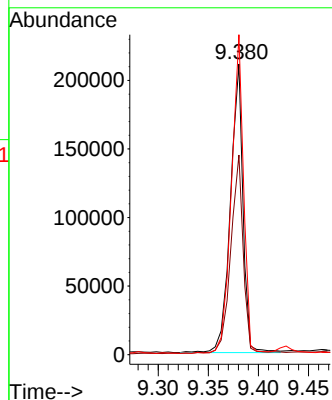
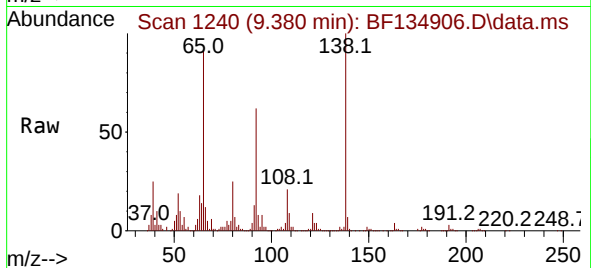




#48
2-Nitroaniline
Concen: 3218.613 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

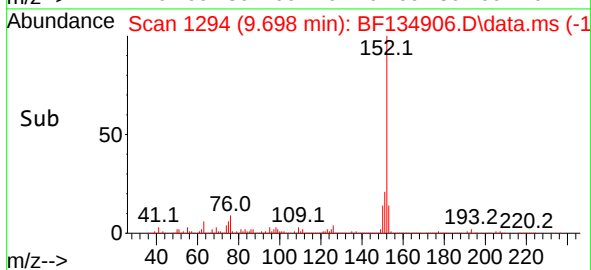
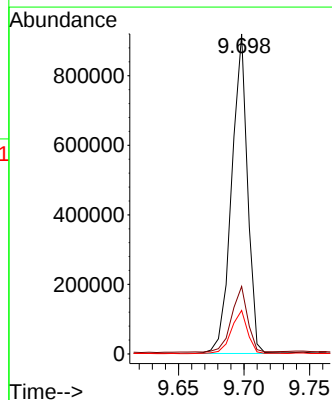
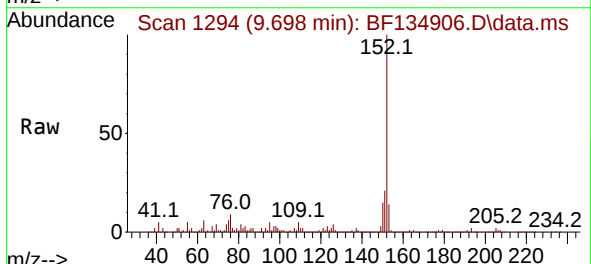
Instrument :
BNA_F
ClientSampleId :
WC-1MS

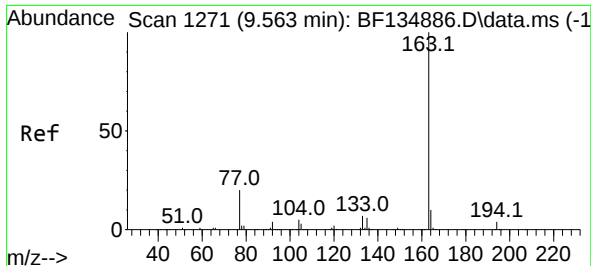
Tgt Ion: 65 Resp: 183335
Ion Ratio Lower Upper
65 100
92 68.7 53.8 80.8
138 110.1 86.5 129.7



#49
Acenaphthylene
Concen: 2896.502 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion: 152 Resp: 772934
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7
153 13.6 11.3 16.9

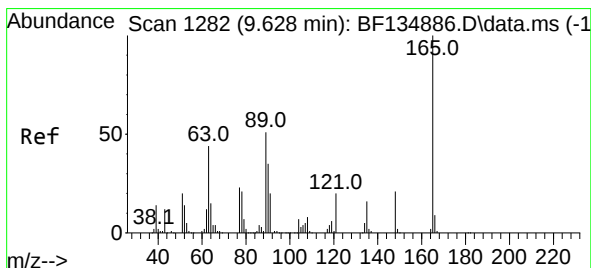
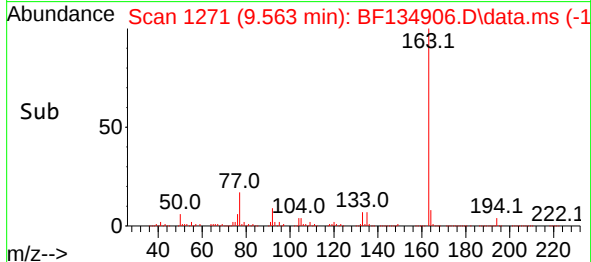
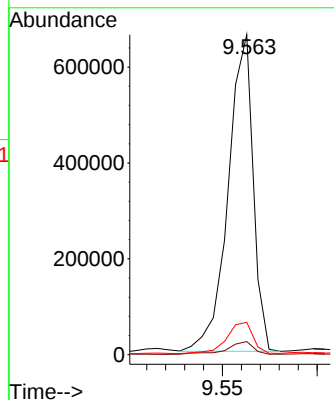
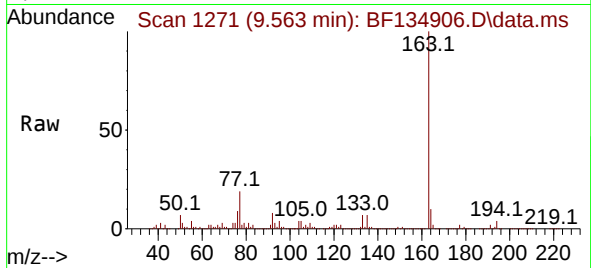




#50
Dimethylphthalate
Concen: 2890.039 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

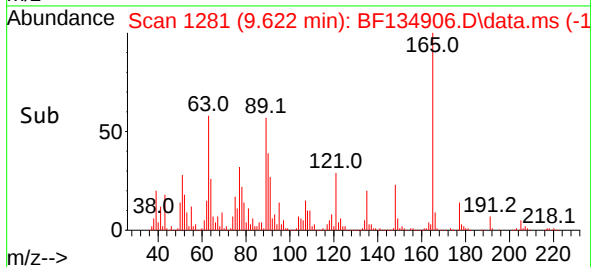
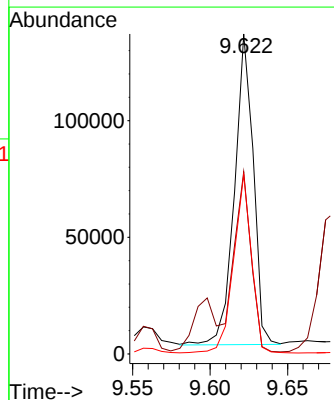
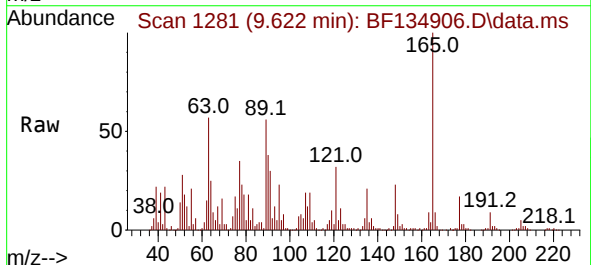
Instrument :
BNA_F
ClientSampleId :
WC-1MS

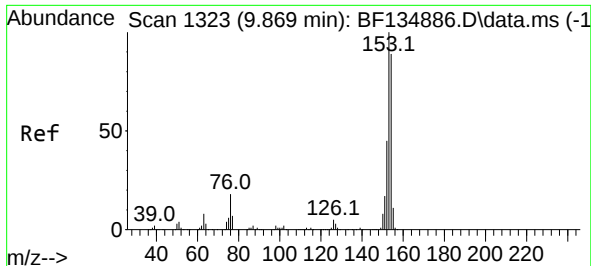
Tgt Ion:163 Resp: 604600
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 2432.351 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:165 Resp: 112231
Ion Ratio Lower Upper
165 100
63 57.0 41.4 62.2
89 56.1 40.9 61.3

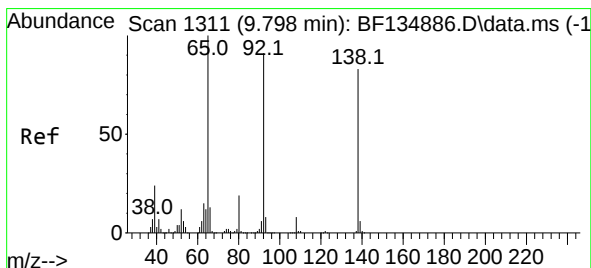
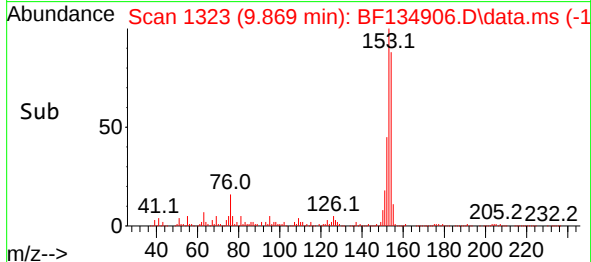
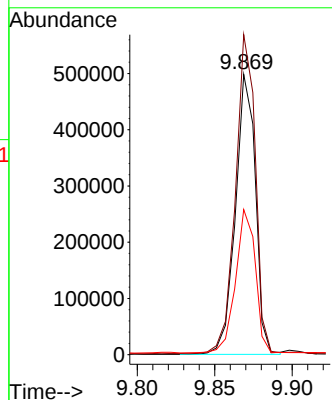
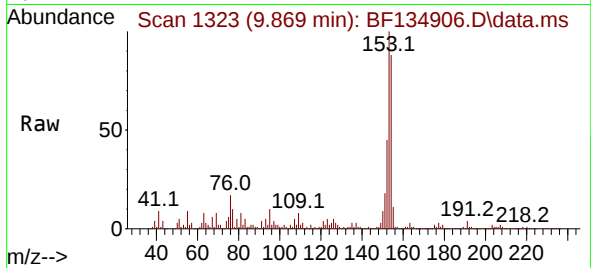




#52
Acenaphthene
Concen: 2658.334 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

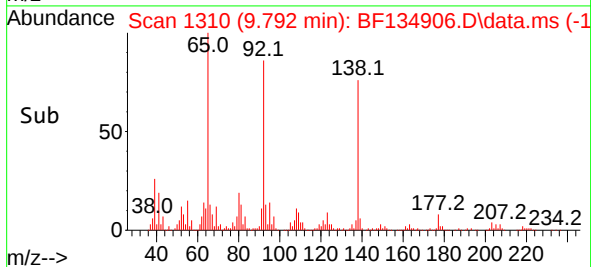
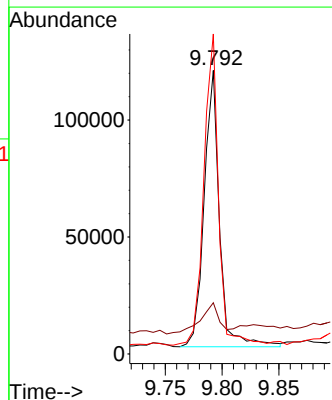
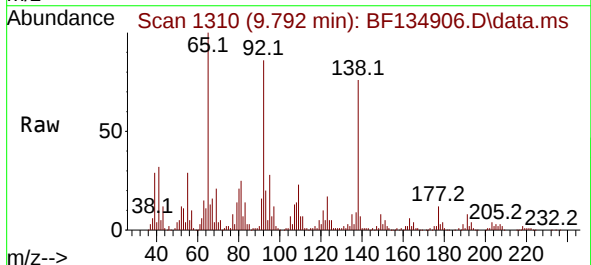
Instrument :
BNA_F
ClientSampleId :
WC-1MS

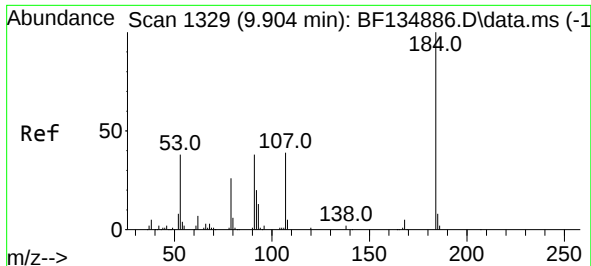
Tgt Ion:154 Resp: 446892
Ion Ratio Lower Upper
154 100
153 114.1 89.6 134.4
152 51.8 40.5 60.7



#53
3-Nitroaniline
Concen: 2207.051 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:138 Resp: 111228
Ion Ratio Lower Upper
138 100
108 18.1 8.0 12.0#
92 112.9 87.6 131.4

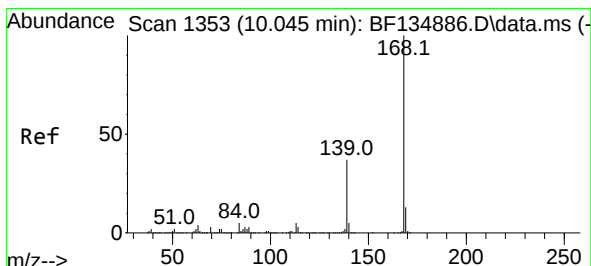
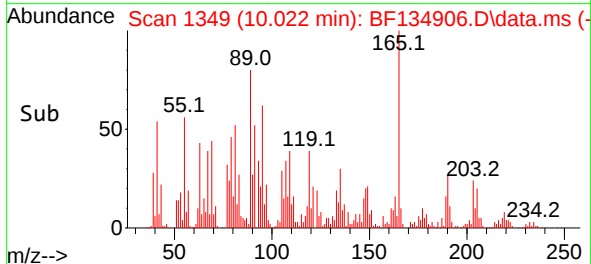
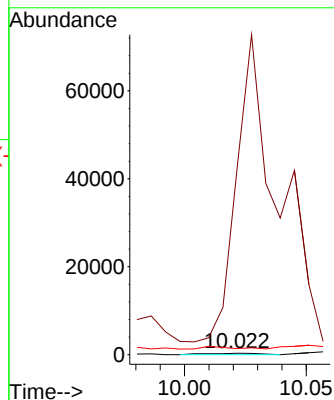
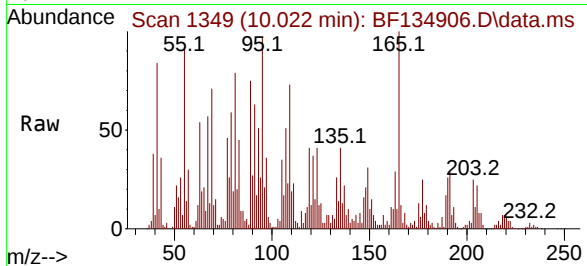




#54
2,4-Dinitrophenol
Concen: 22.811 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.118 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

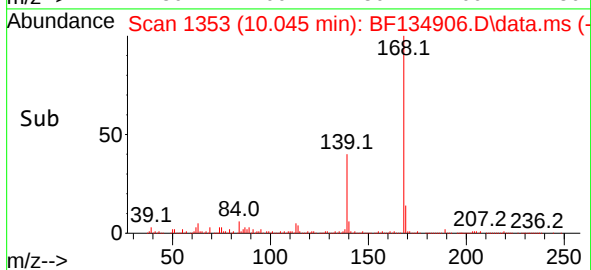
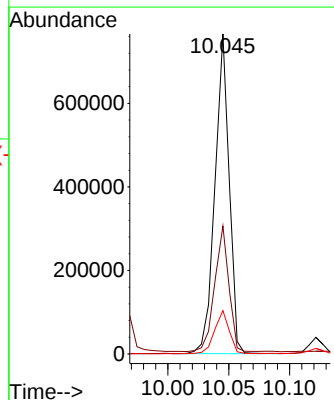
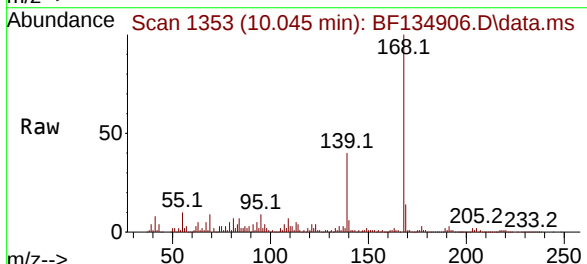
Instrument :
BNA_F
ClientSampleId :
WC-1MS

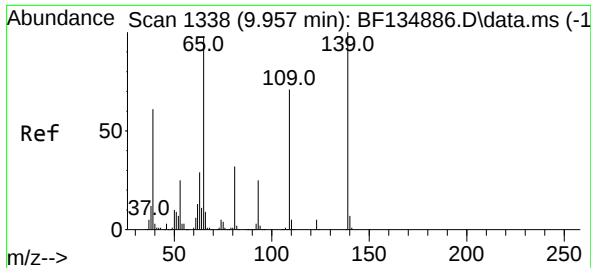
Tgt Ion:184 Resp: 498
Ion Ratio Lower Upper
184 100
63 12389.5 42.8 64.2#
154 403.5 48.0 72.0#



#55
Dibenzofuran
Concen: 2545.382 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:168 Resp: 622997
Ion Ratio Lower Upper
168 100
139 40.0 29.5 44.3
169 13.5 10.7 16.1

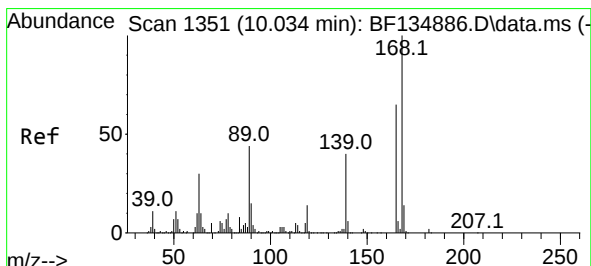
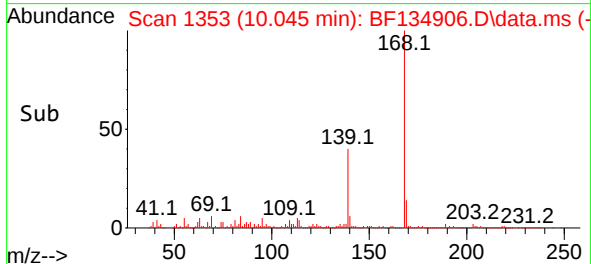
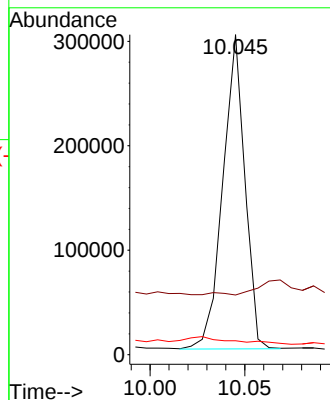
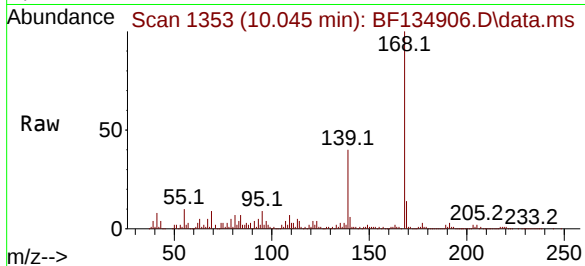




#56
4-Nitrophenol
Concen: 6941.685 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.088 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

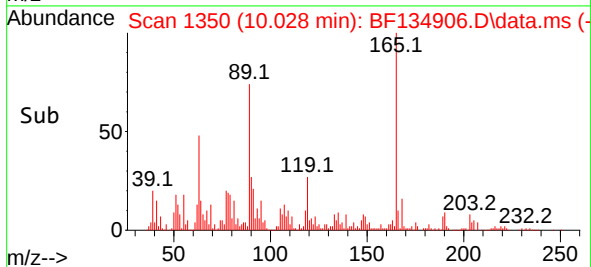
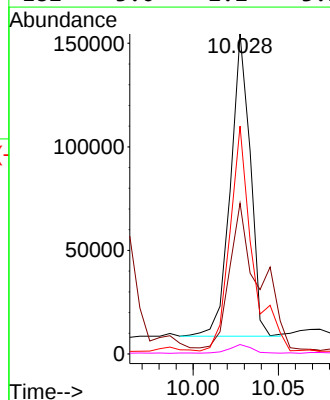
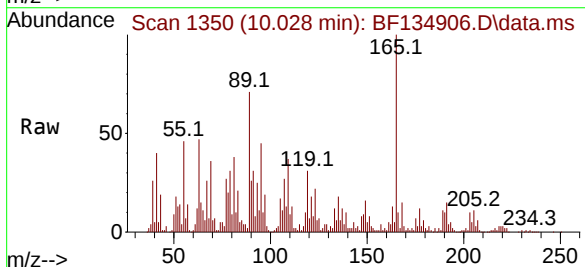
Instrument :
BNA_F
ClientSampleId :
WC-1MS

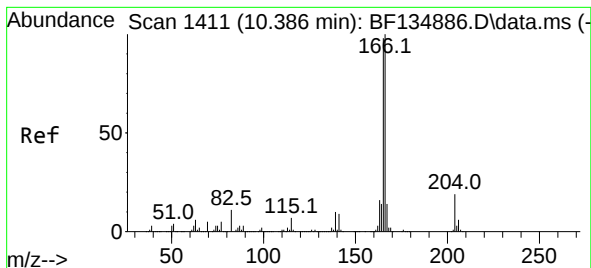
Tgt Ion:139 Resp: 243796
Ion Ratio Lower Upper
139 100
109 18.6 51.0 91.0#
65 4.4 78.5 118.5#



#57
2,4-Dinitrotoluene
Concen: 2068.303 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.007 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:165 Resp: 118022
Ion Ratio Lower Upper
165 100
63 47.1 37.7 56.5
89 71.2 54.2 81.4
182 3.0 2.2 3.2





#58

Fluorene

Concen: 2320.760 ng

RT: 10.392 min Scan# 1411

Delta R.T. 0.006 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

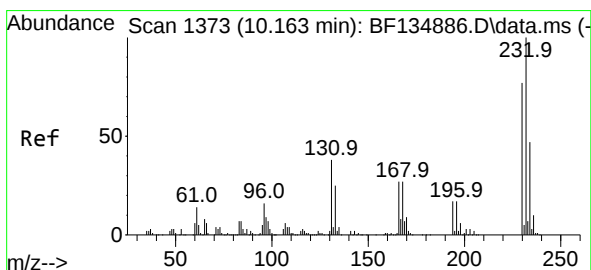
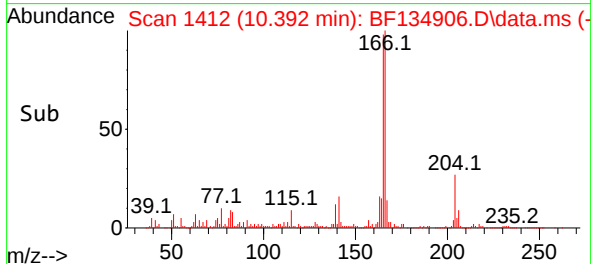
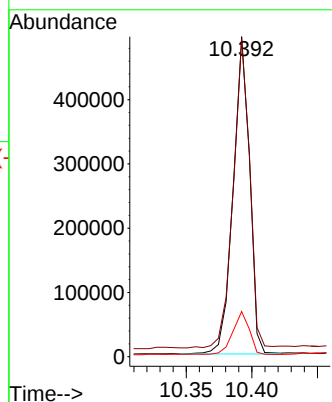
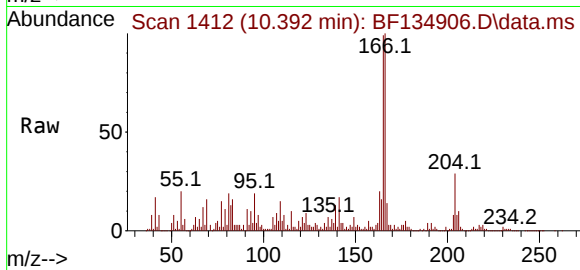
Tgt Ion:166 Resp: 430818

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

167 14.1 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 2272.132 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.006 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Tgt Ion:232 Resp: 121220

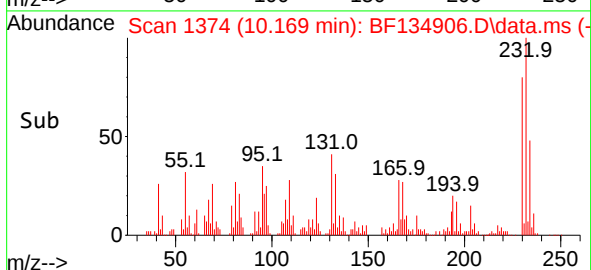
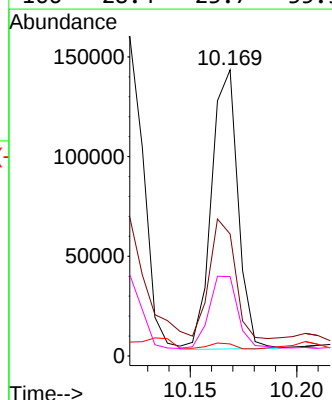
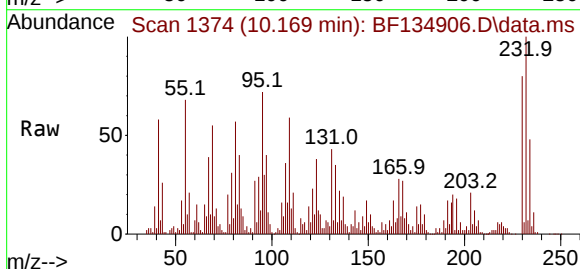
Ion Ratio Lower Upper

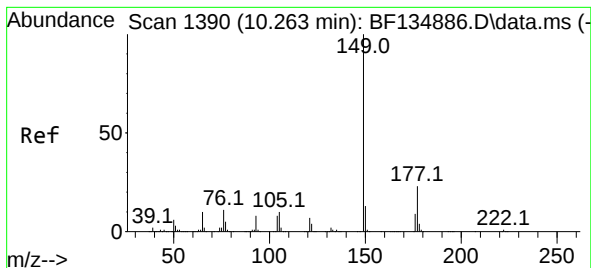
232 100

131 42.8 33.9 50.9

130 2.4 1.6 2.4

166 28.4 23.7 35.5





#60

Diethylphthalate

Concen: 2423.930 ng

RT: 10.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

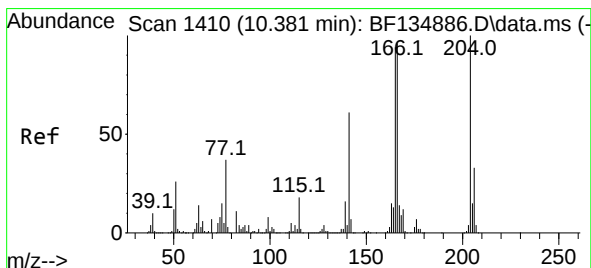
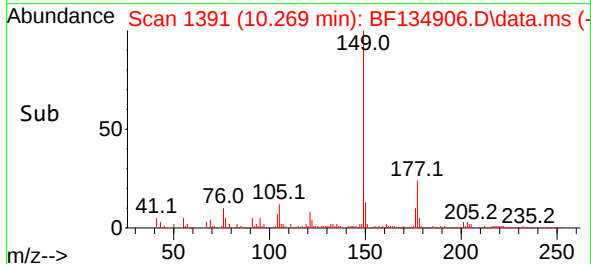
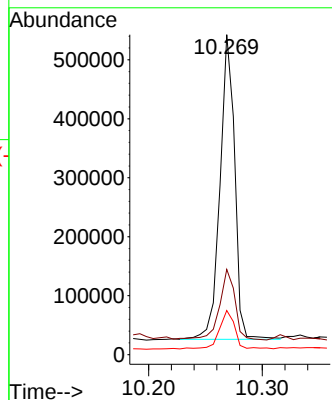
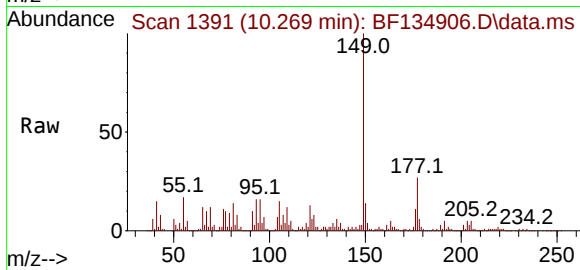
Tgt Ion:149 Resp: 464590

Ion Ratio Lower Upper

149 100

177 26.6 18.4 27.6

150 13.8 10.3 15.5



#61

4-Chlorophenyl-phenylether

Concen: 2413.025 ng

RT: 10.386 min Scan# 1411

Delta R.T. 0.005 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

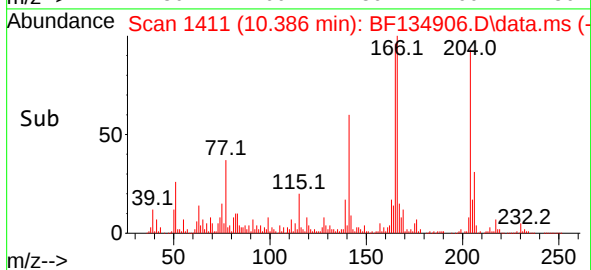
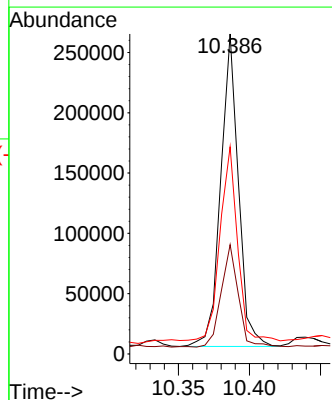
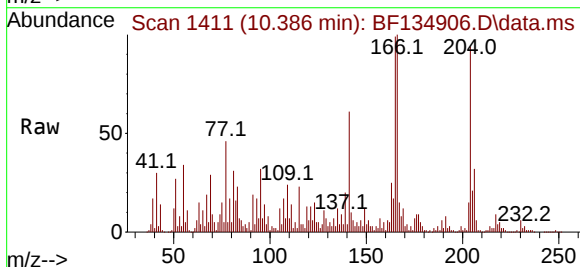
Tgt Ion:204 Resp: 224551

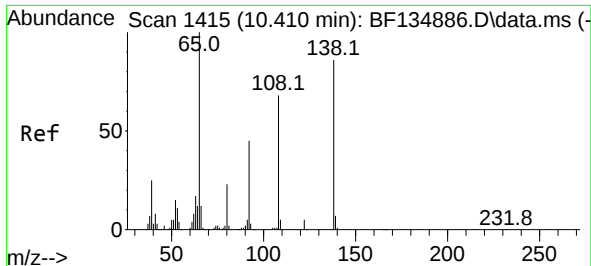
Ion Ratio Lower Upper

204 100

206 34.2 26.3 39.5

141 64.8 48.6 73.0

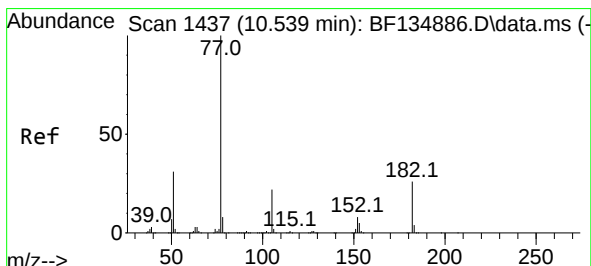
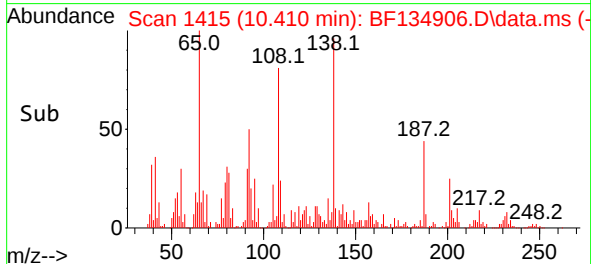
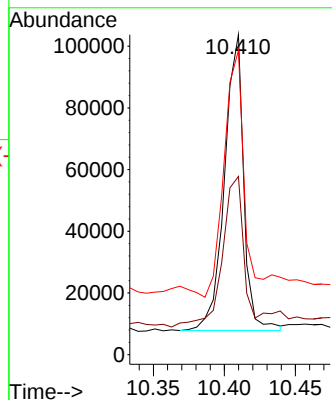
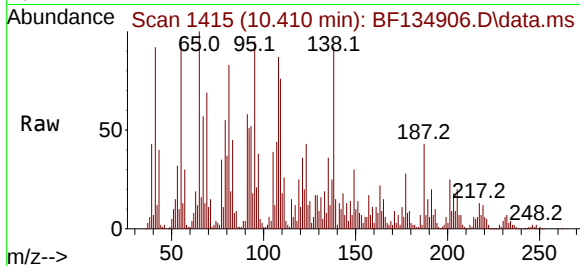




#62
4-Nitroaniline
Concen: 1915.728 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

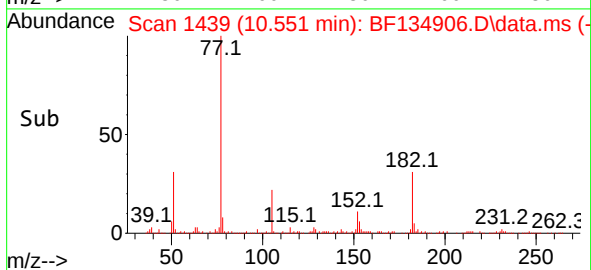
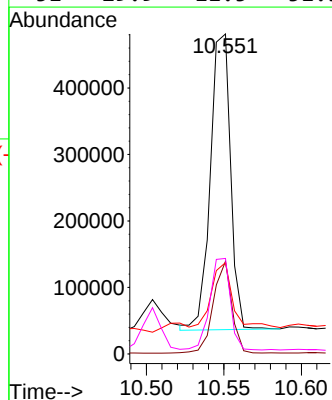
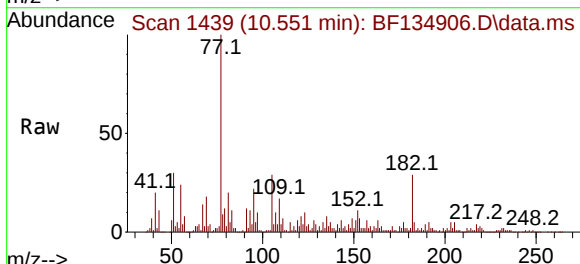
Instrument :
BNA_F
ClientSampleId :
WC-1MS

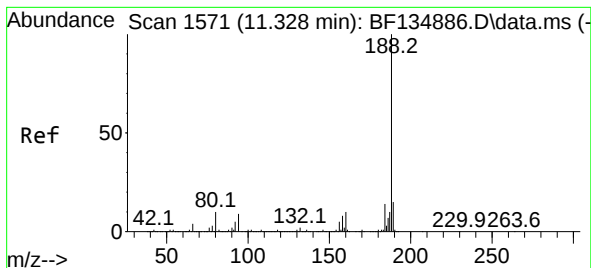
Tgt Ion:	138	Resp:	90253
Ion	Ratio	Lower	Upper
138	100		
92	55.7	32.5	72.5
108	95.1	58.6	98.6



#63
Azobenzene
Concen: 2122.433 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.012 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:	77	Resp:	404127
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.8	45.8
105	28.5	1.6	41.6
51	29.9	11.5	51.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. 0.118 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

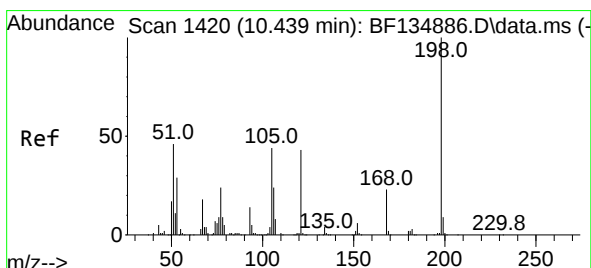
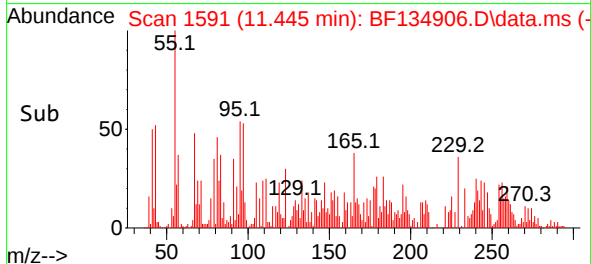
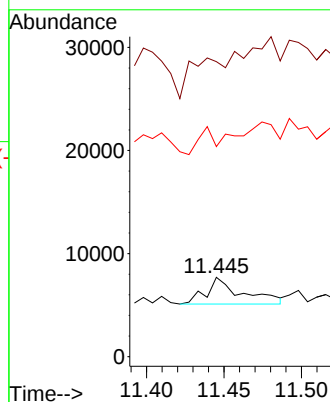
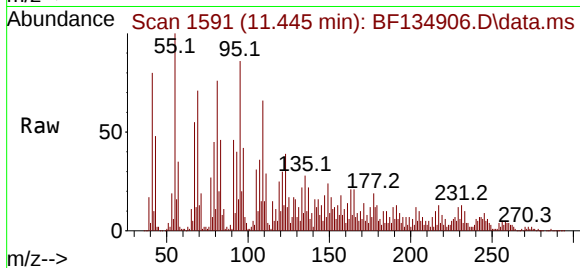
Tgt Ion:188 Resp: 4111

Ion Ratio Lower Upper

188 100

94 372.0 7.5 11.3#

80 264.9 7.8 11.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 56.106 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.094 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

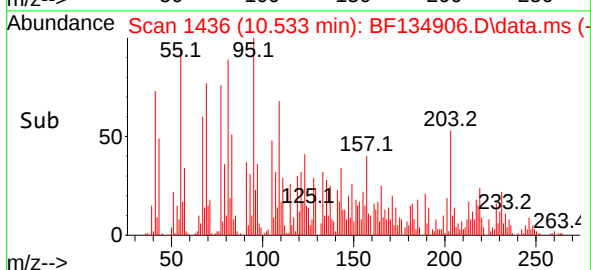
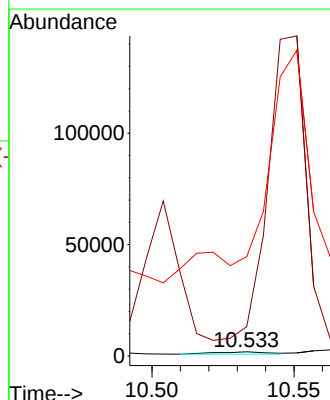
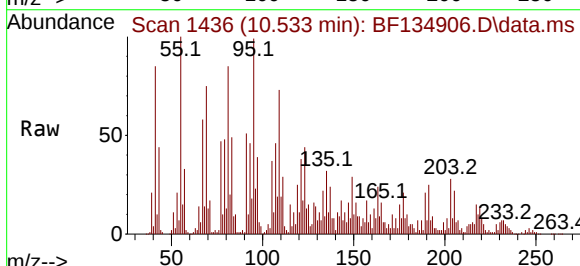
Tgt Ion:198 Resp: 1361

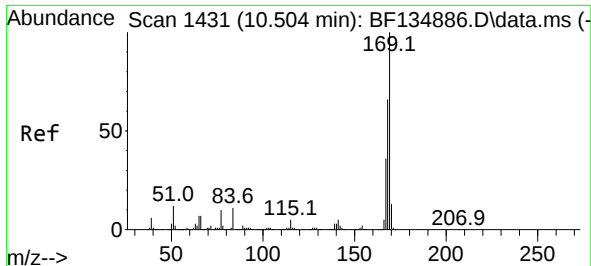
Ion Ratio Lower Upper

198 100

51 713.8 30.3 70.3#

105 2415.6 24.5 64.5#

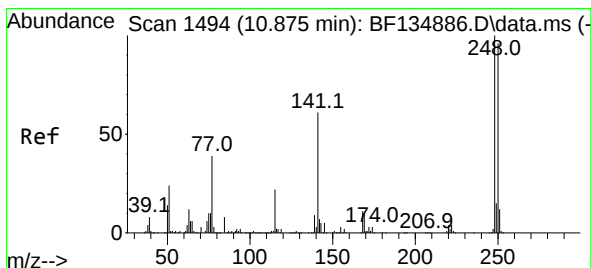
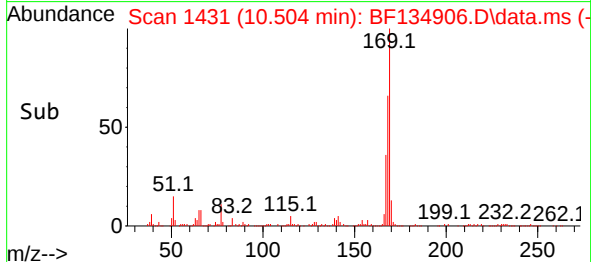
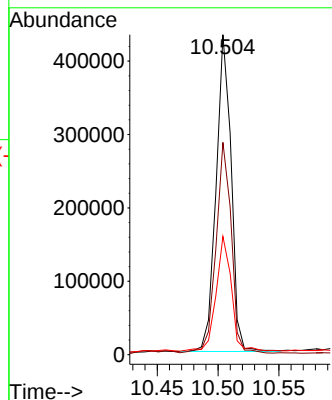
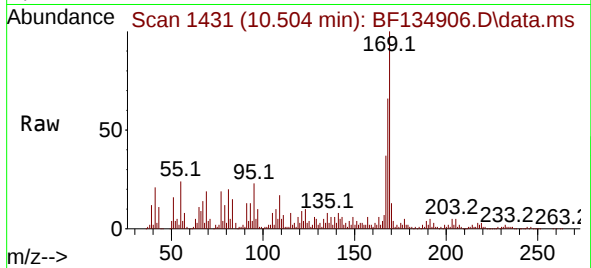




#66
n-Nitrosodiphenylamine
Concen: 2799.953 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

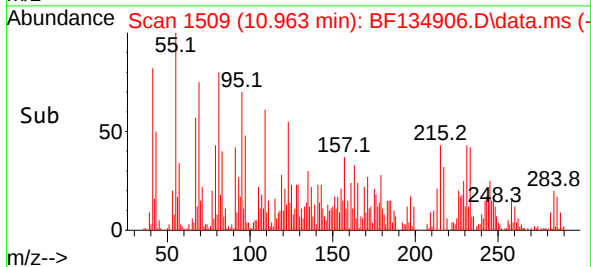
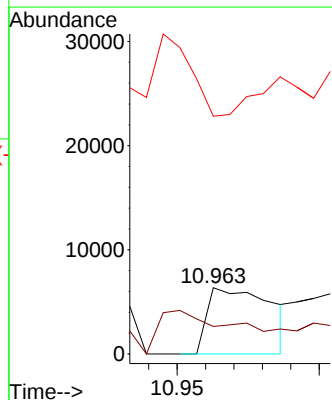
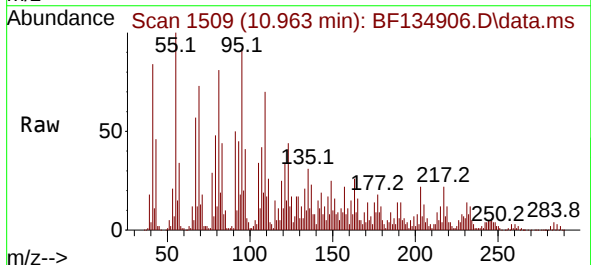
Instrument :
BNA_F
ClientSampleId :
WC-1MS

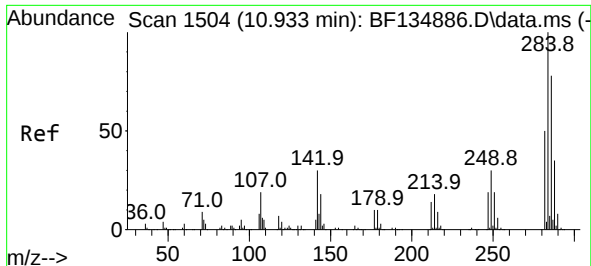
Tgt Ion:169 Resp: 370673
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 37.0 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 207.976 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.088 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:248 Resp: 9864
Ion Ratio Lower Upper
248 100
250 41.5 77.1 115.7#
141 358.9 49.0 73.4#

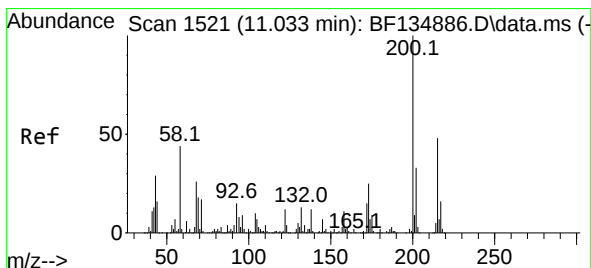
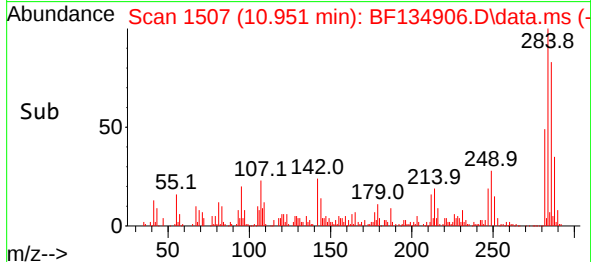
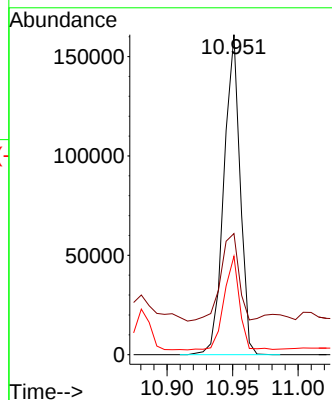
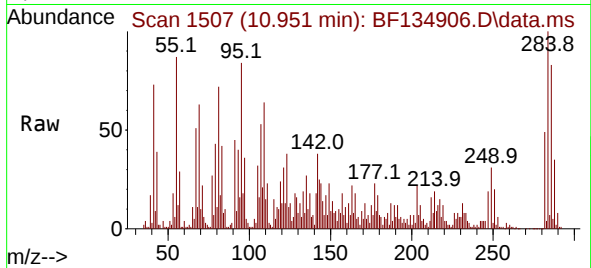




#68
Hexachlorobenzene
Concen: 2735.141 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

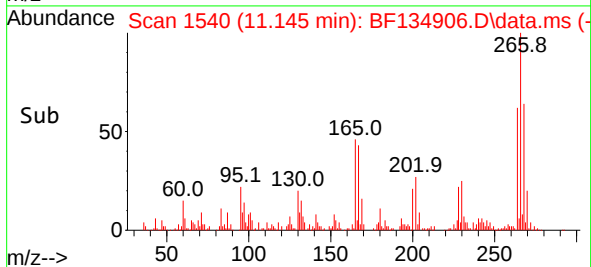
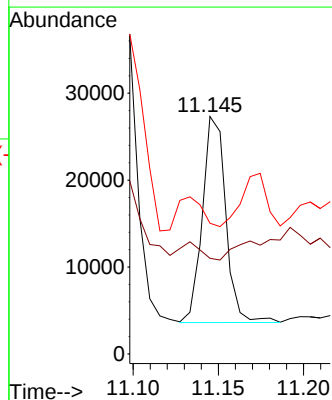
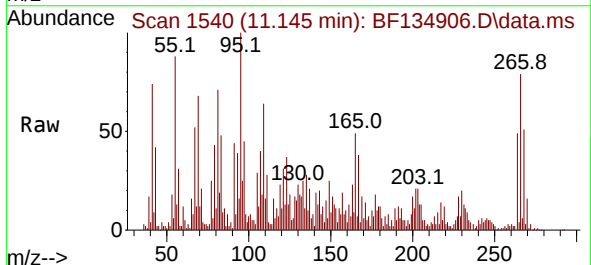
Instrument :
BNA_F
ClientSampleId :
WC-1MS

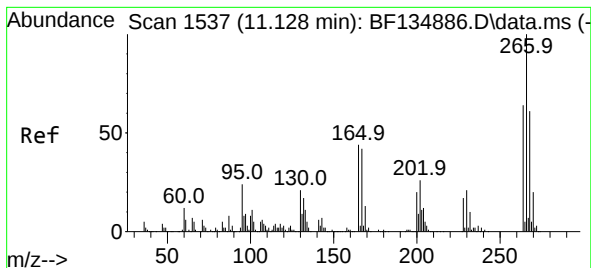
Tgt Ion:284 Resp: 137966
Ion Ratio Lower Upper
284 100
142 37.9 23.9 35.9#
249 30.7 24.1 36.1



#69
Atrazine
Concen: 628.810 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.112 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:200 Resp: 22605
Ion Ratio Lower Upper
200 100
173 40.3 5.3 45.3
215 55.0 28.3 68.3





#70

Pentachlorophenol

Concen: 4573.336 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

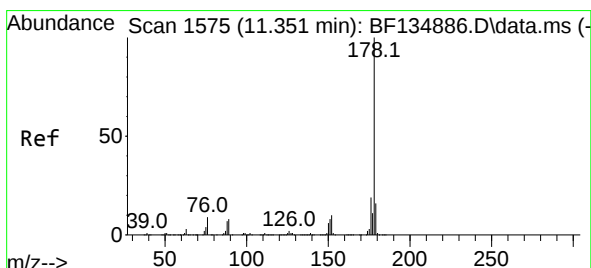
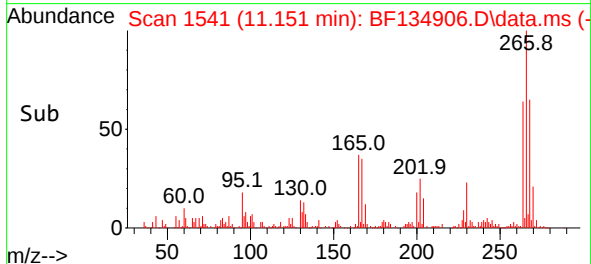
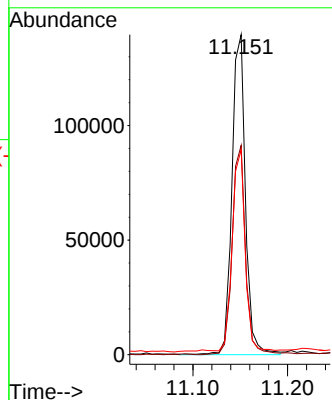
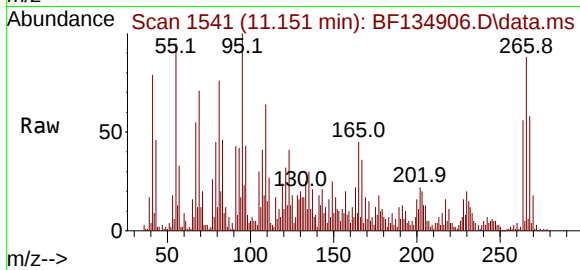
Tgt Ion:266 Resp: 138830

Ion Ratio Lower Upper

266 100

268 65.4 48.9 73.3

264 64.1 51.0 76.6



#71

Phenanthrene

Concen: 2662.402 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.070 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

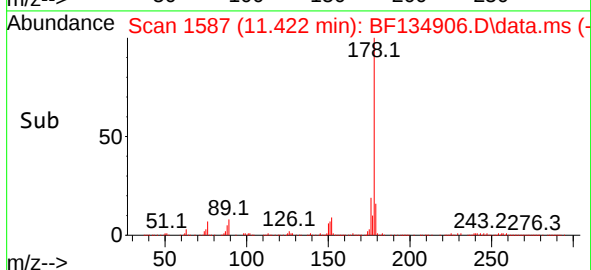
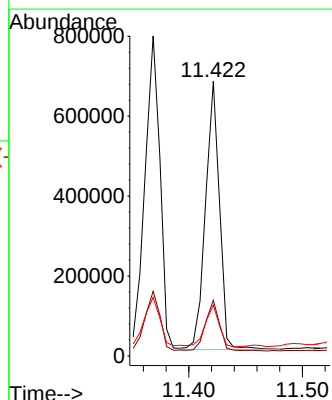
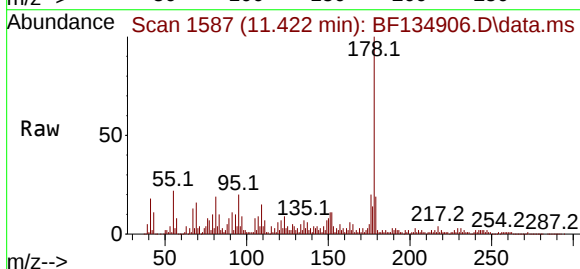
Tgt Ion:178 Resp: 573545

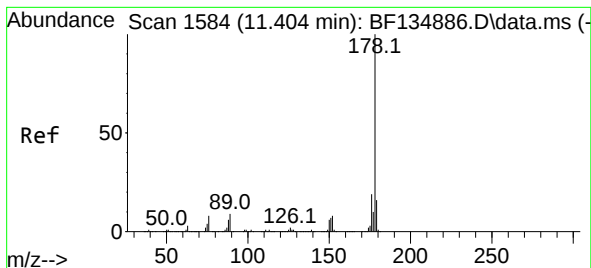
Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

179 18.5 12.6 19.0





#72

Anthracene

Concen: 2598.486 ng

RT: 11.422 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

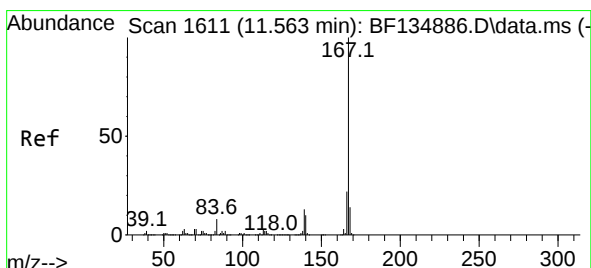
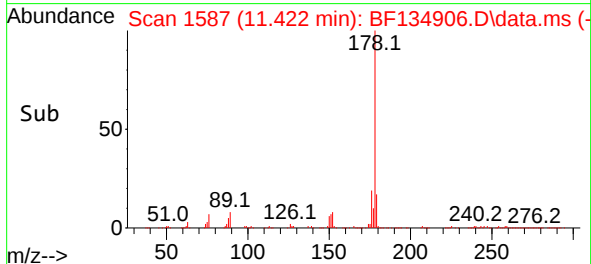
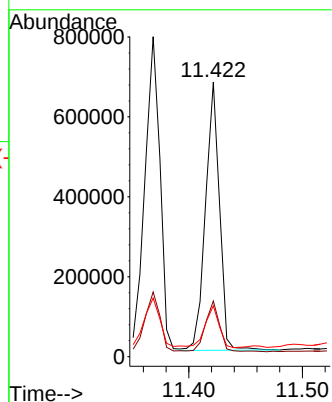
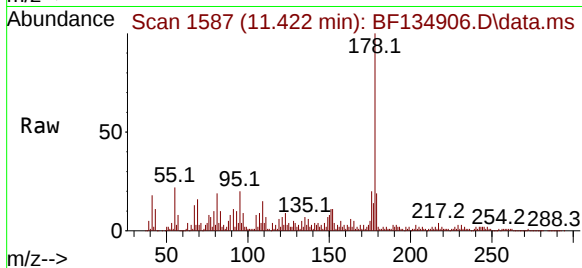
Tgt Ion:178 Resp: 573545

Ion Ratio Lower Upper

178 100

176 20.3 15.0 22.6

179 18.5 12.5 18.7



#73

Carbazole

Concen: 2390.557 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.018 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

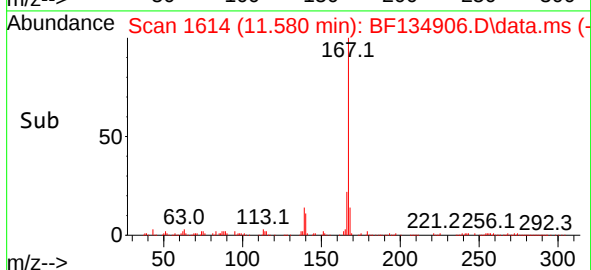
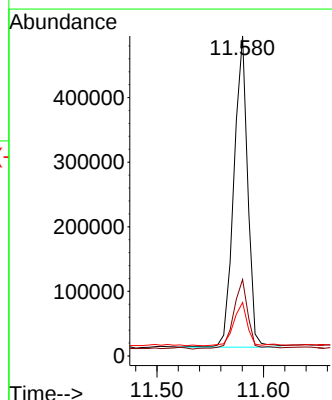
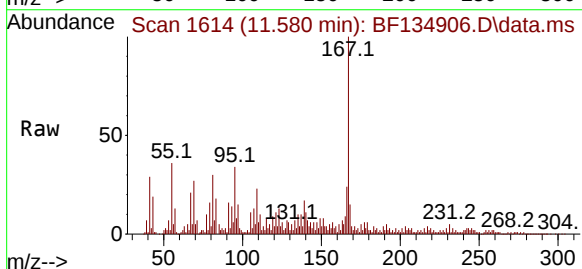
Tgt Ion:167 Resp: 434794

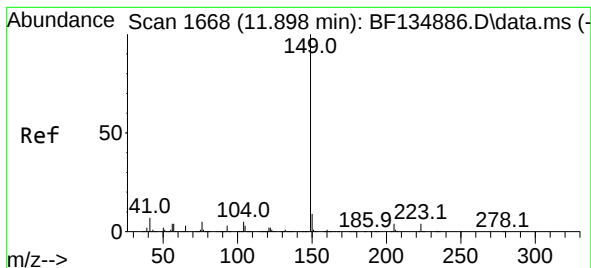
Ion Ratio Lower Upper

167 100

166 23.9 17.4 26.2

139 16.7 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 91.171 ng

RT: 12.110 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

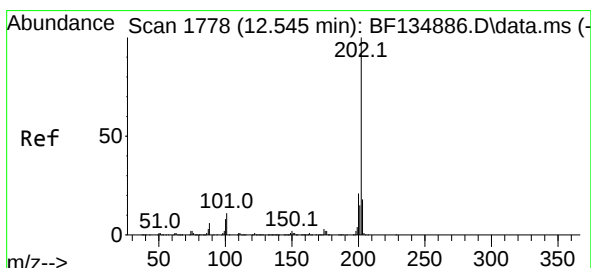
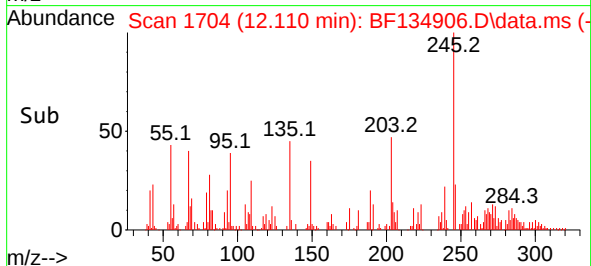
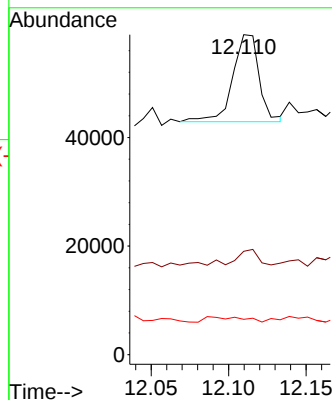
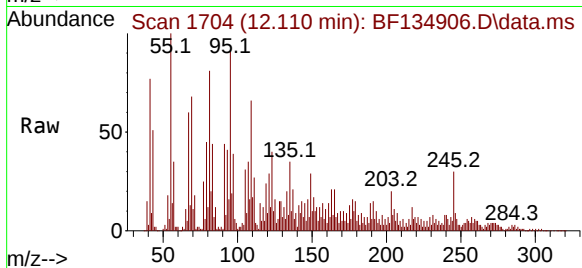
Tgt Ion:149 Resp: 19018

Ion Ratio Lower Upper

149 100

150 32.3 7.4 11.2#

104 11.0 4.1 6.1#



#75

Fluoranthene

Concen: 4693.606 ng

RT: 12.574 min Scan# 1783

Delta R.T. 0.029 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

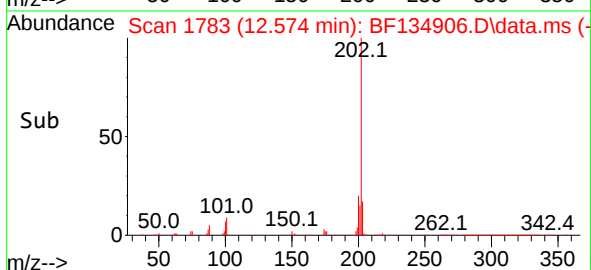
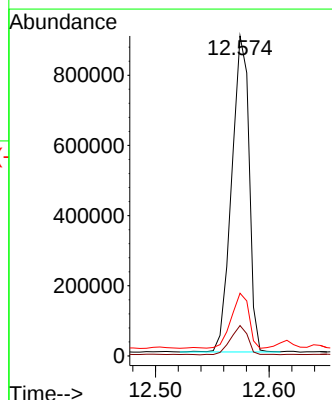
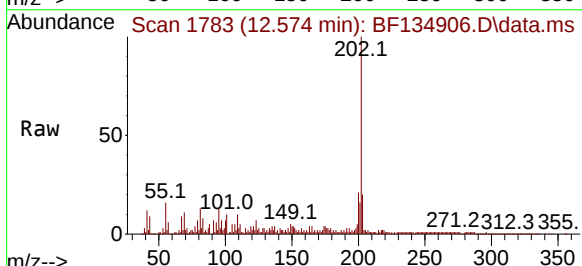
Tgt Ion:202 Resp: 958039

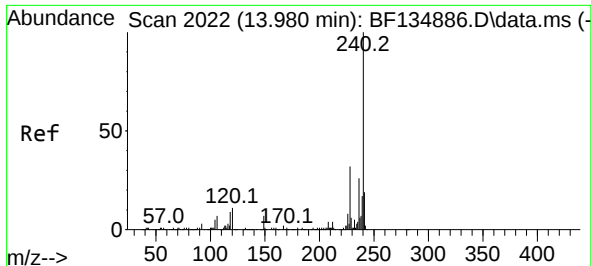
Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.5

203 19.6 0.0 37.8

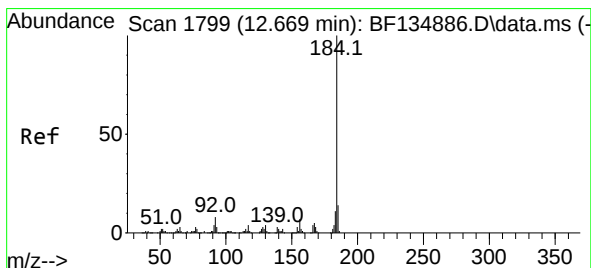
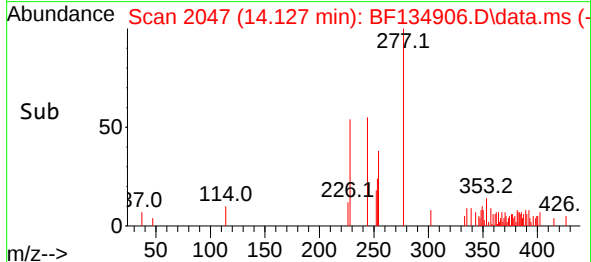
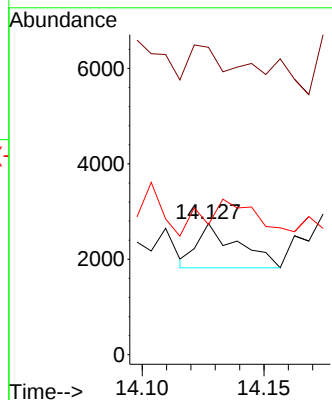
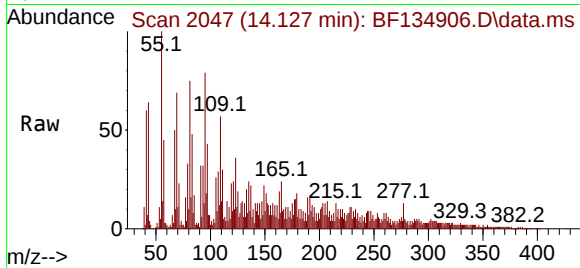




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2022
Delta R.T. 0.147 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

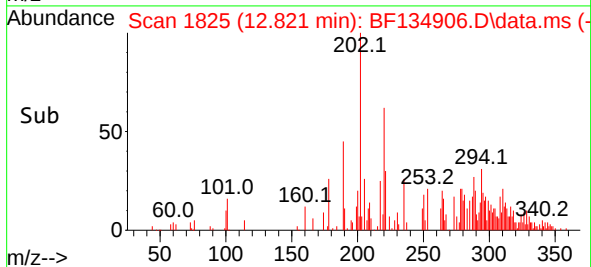
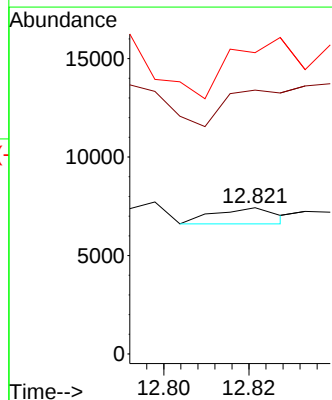
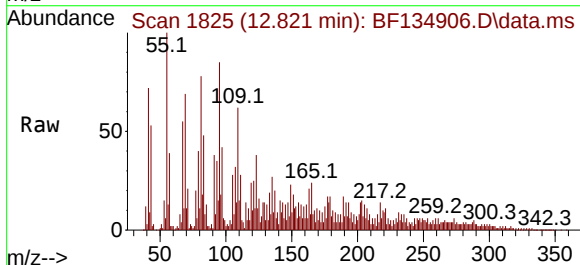
Instrument :
BNA_F
ClientSampleId :
WC-1MS

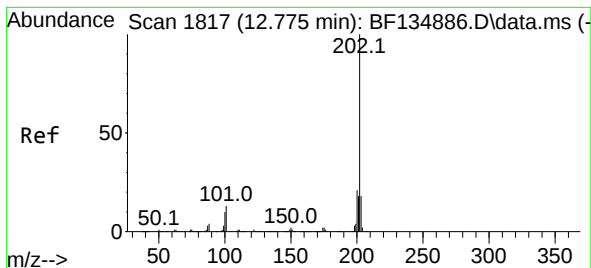
Tgt Ion:240 Resp: 1074
Ion Ratio Lower Upper
240 100
120 234.4 8.6 12.8#
236 99.2 20.6 31.0#



#77
Benzidine
Concen: 47.344 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.152 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:184 Resp: 825
Ion Ratio Lower Upper
184 100
185 180.3 11.4 17.0#
183 205.9 9.0 13.4#





#78

Pyrene

Concen: 8367.405 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.035 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

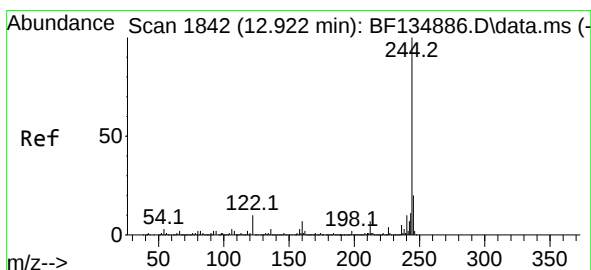
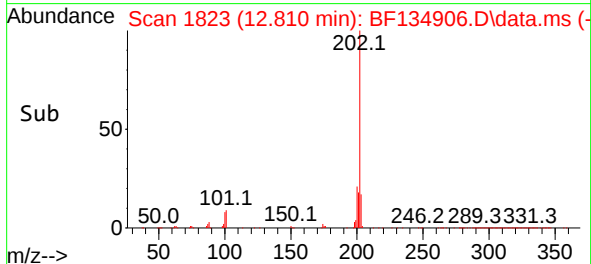
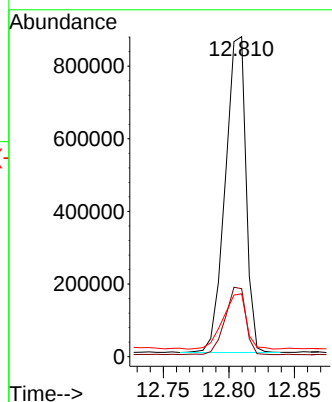
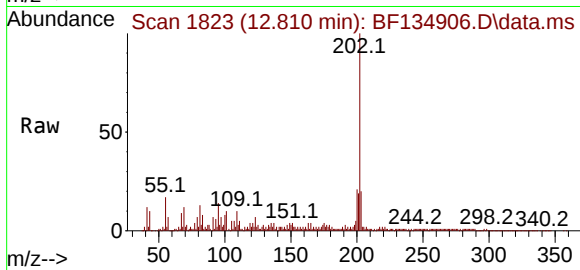
Tgt Ion:202 Resp: 952814

Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 19.7 14.2 21.2



#79

Terphenyl-d14

Concen: 8282.554 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.023 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

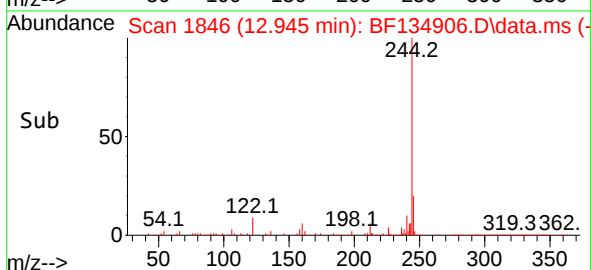
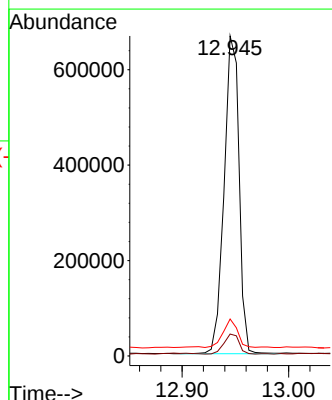
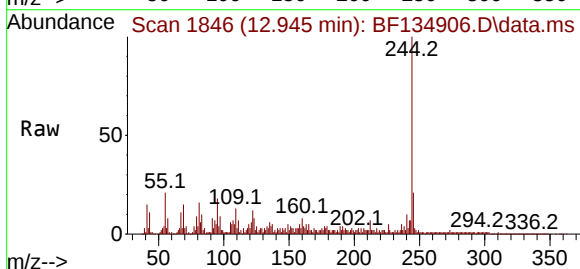
Tgt Ion:244 Resp: 646754

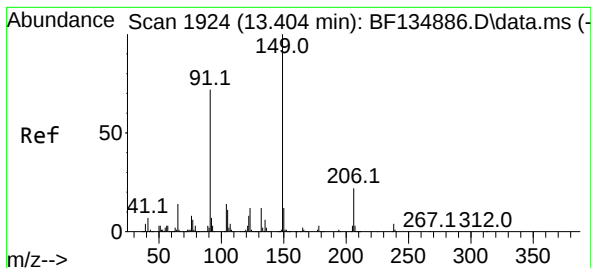
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.5 8.2 12.4





#80

Butylbenzylphthalate

Concen: 7200.771 ng

RT: 13.427 min Scan# 1928

Delta R.T. 0.023 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

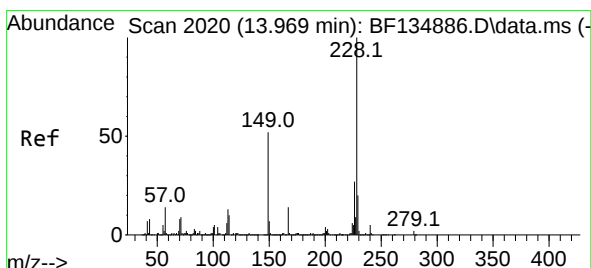
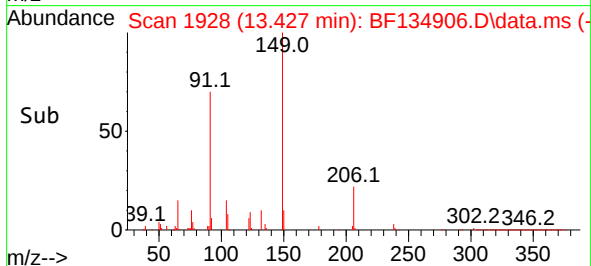
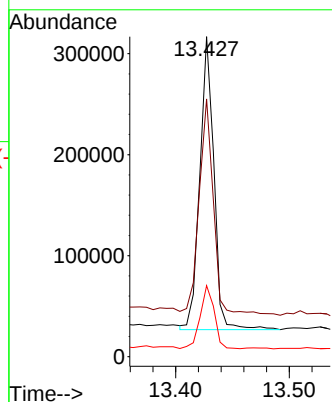
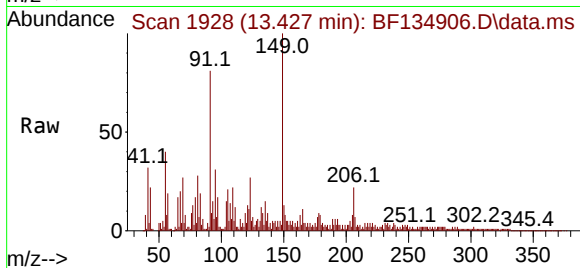
Tgt Ion:149 Resp: 249821

Ion Ratio Lower Upper

149 100

91 80.5 57.2 85.8

206 22.2 18.0 27.0



#81

Benzo(a)anthracene

Concen: 11147.813 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.065 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

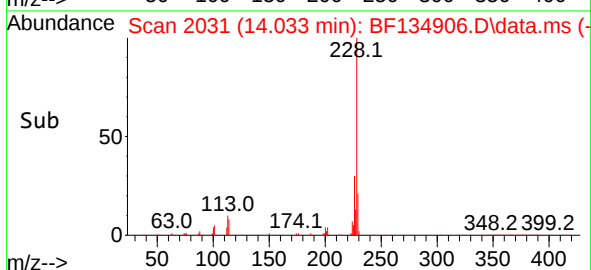
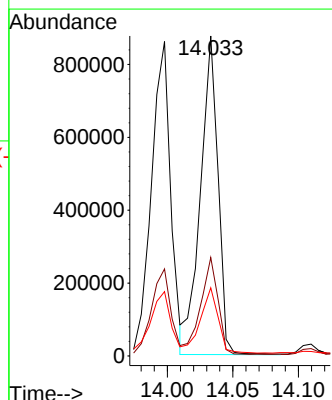
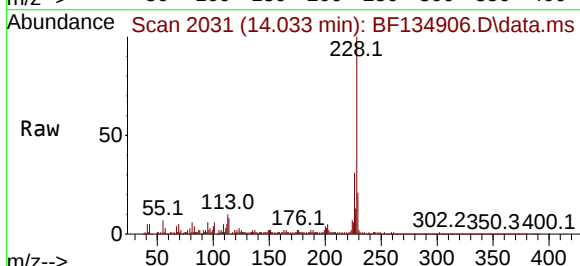
Tgt Ion:228 Resp: 816874

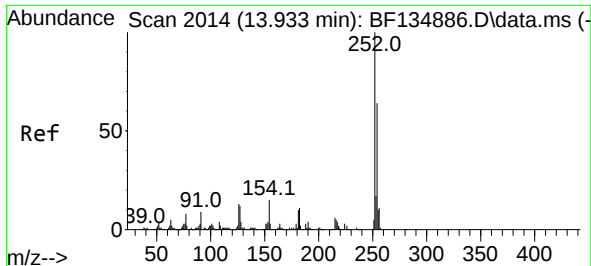
Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.6

229 21.3 15.6 23.4

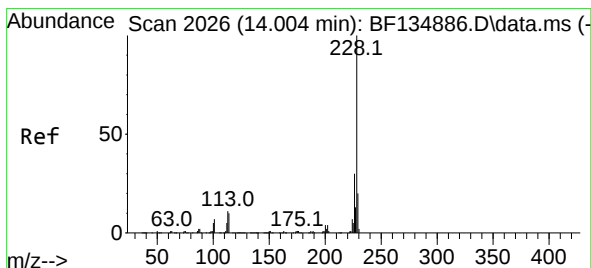
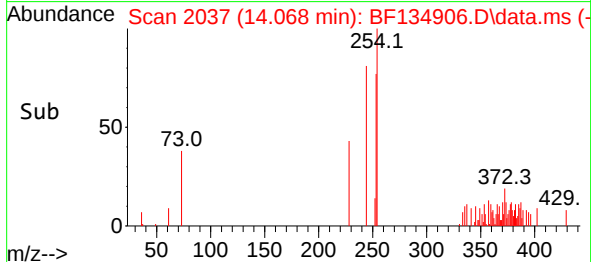
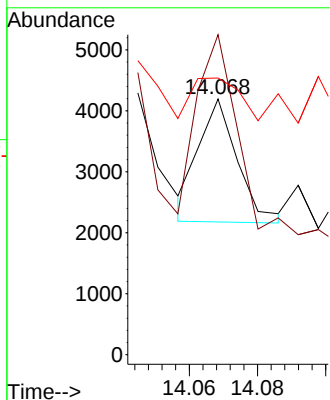
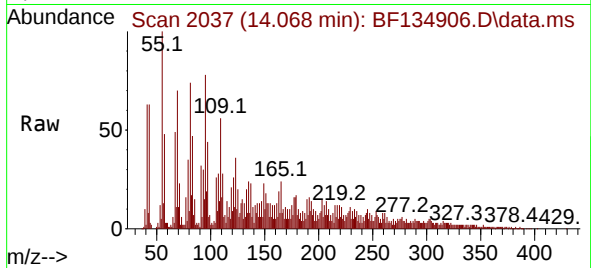




#82
 3,3'-Dichlorobenzidine
 Concen: 68.816 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. 0.135 min
 Lab File: BF134906.D
 Acq: 23 Aug 2023 16:05

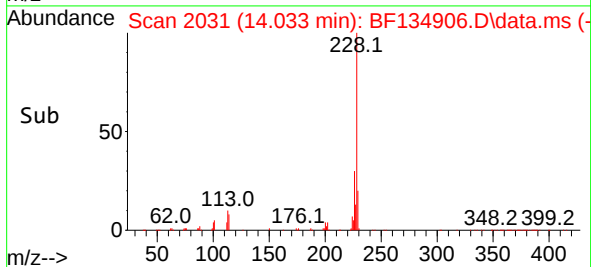
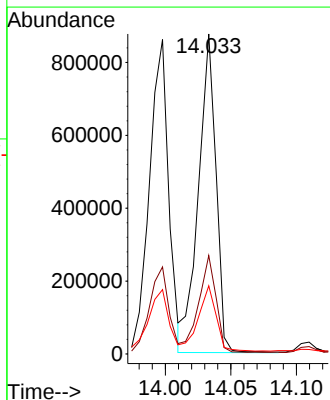
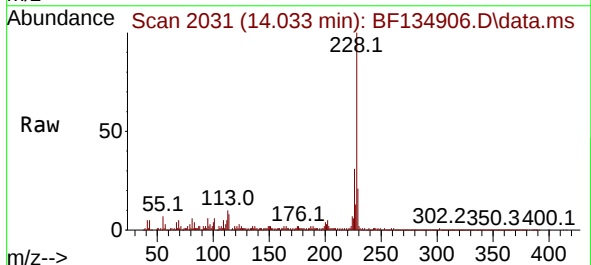
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

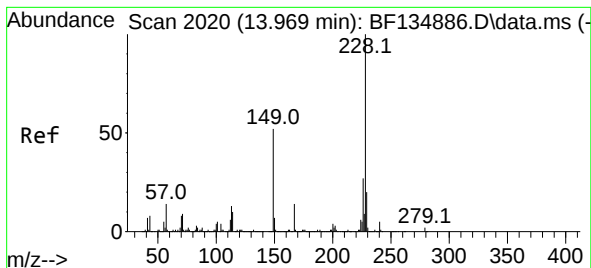
Tgt Ion:252 Resp: 1596
 Ion Ratio Lower Upper
 252 100
 254 125.2 51.6 77.4#
 126 108.2 10.3 15.5#



#83
 Chrysene
 Concen: 11298.518 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. 0.029 min
 Lab File: BF134906.D
 Acq: 23 Aug 2023 16:05

Tgt Ion:228 Resp: 816874
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.2
 229 21.3 16.0 24.0

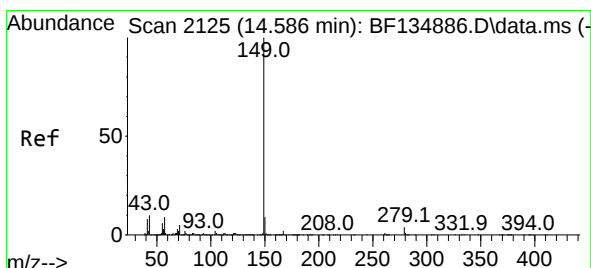
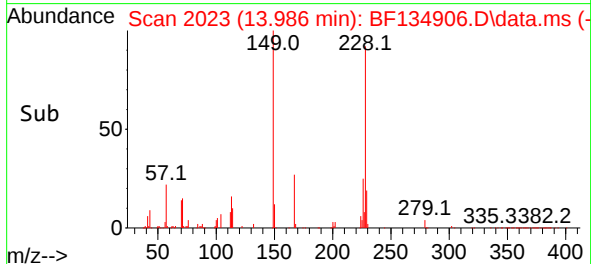
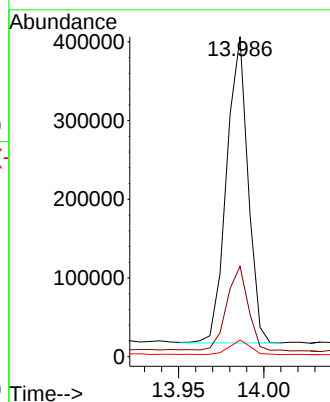
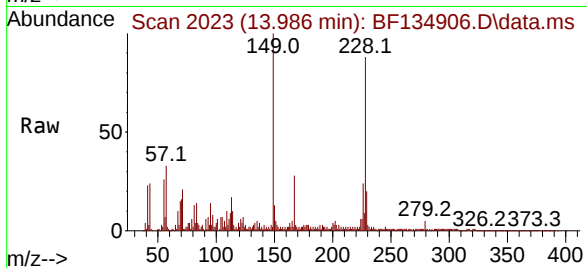




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9033.574 ng
 RT: 13.986 min Scan# 2020
 Delta R.T. 0.018 min
 Lab File: BF134906.D
 Acq: 23 Aug 2023 16:05

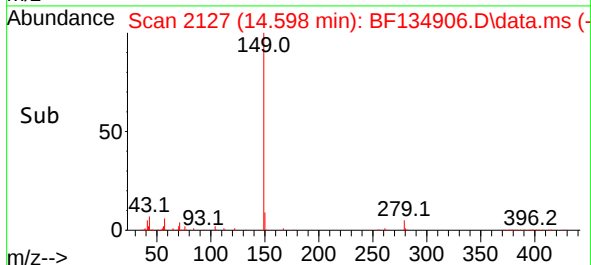
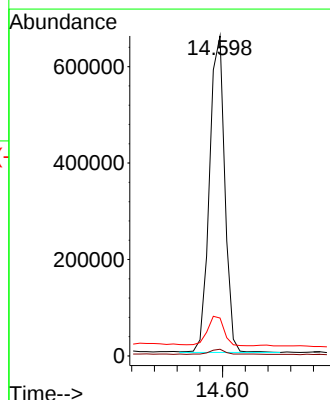
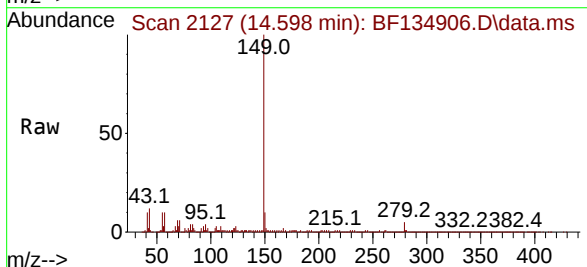
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

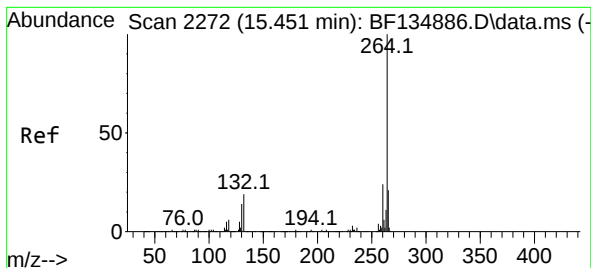
Tgt Ion:149 Resp: 339498
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.1 33.1
 279 5.2 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 10022.440 ng
 RT: 14.598 min Scan# 2127
 Delta R.T. 0.012 min
 Lab File: BF134906.D
 Acq: 23 Aug 2023 16:05

Tgt Ion:149 Resp: 614203
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 10.0 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. 0.194 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

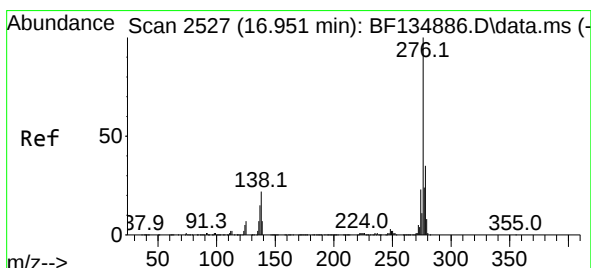
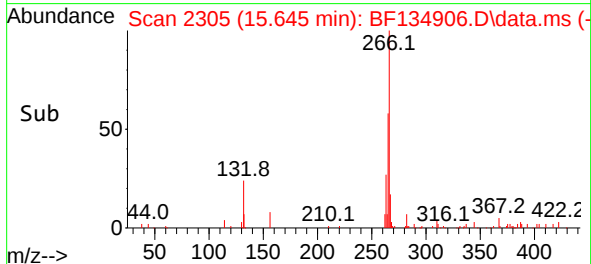
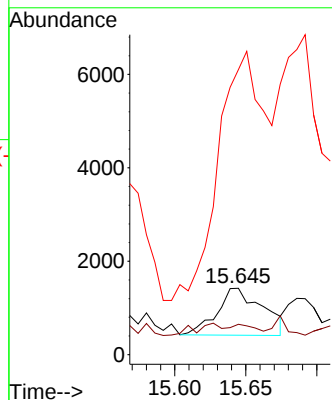
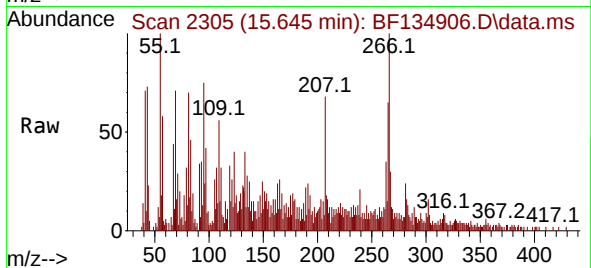
Tgt Ion:264 Resp: 2247

Ion Ratio Lower Upper

264 100

260 45.7 19.0 28.6#

265 429.5 17.1 25.7#



#87

Indeno(1,2,3-cd)pyrene

Concen: 3608.380 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.012 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

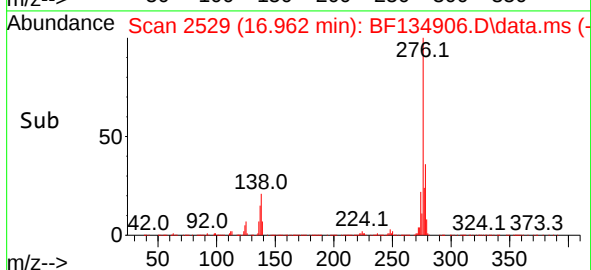
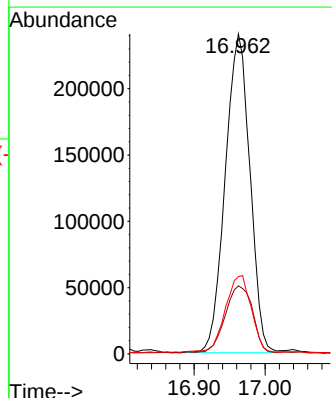
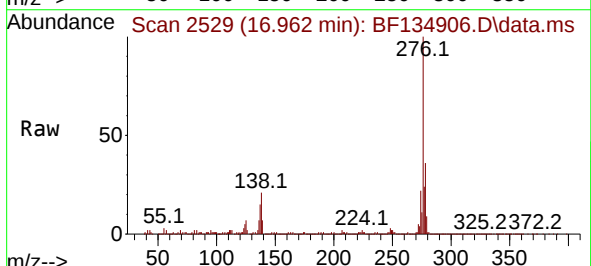
Tgt Ion:276 Resp: 579554

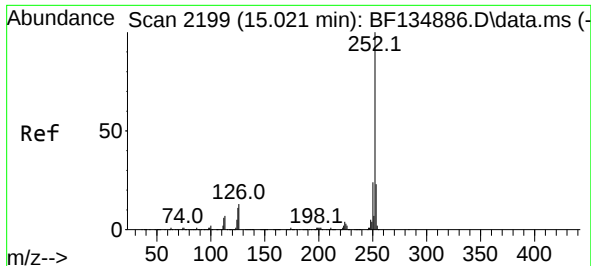
Ion Ratio Lower Upper

276 100

138 23.5 19.7 29.5

277 25.4 20.1 30.1

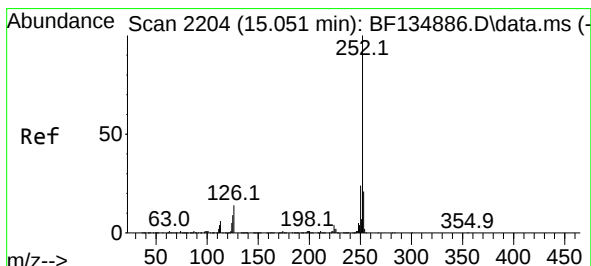
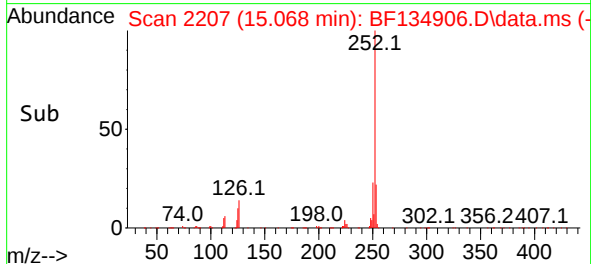
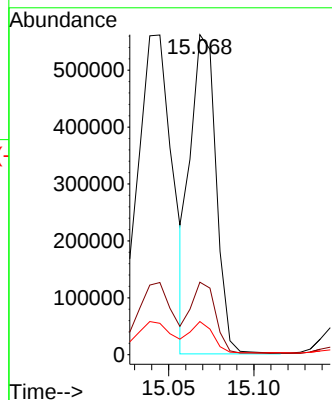
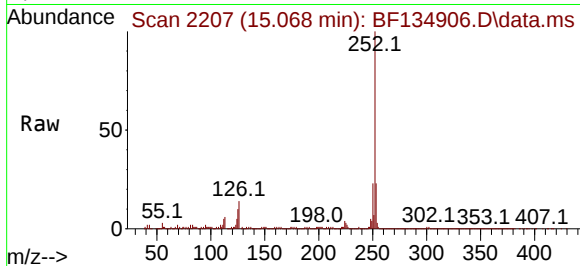




#88
Benzo(b)fluoranthene
Concen: 4604.568 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.047 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

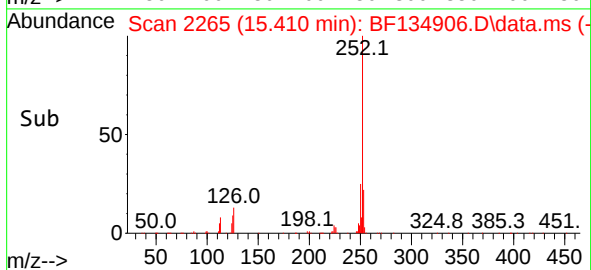
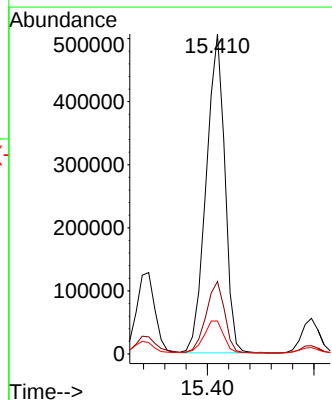
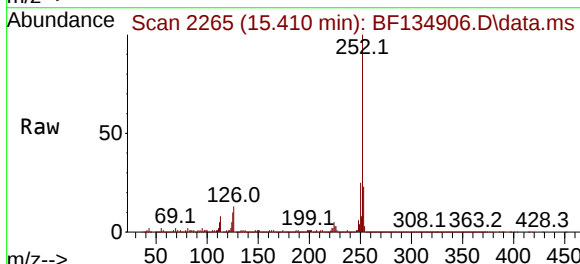
Instrument :
BNA_F
ClientSampleId :
WC-1MS

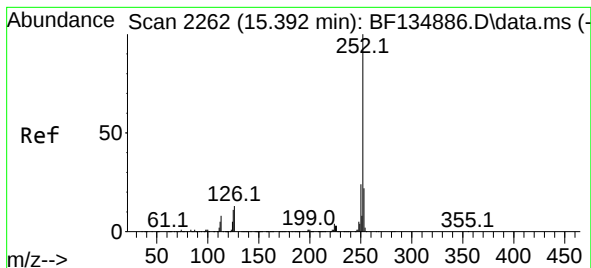
Tgt Ion:252 Resp: 583741
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.3 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 4935.424 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.359 min
Lab File: BF134906.D
Acq: 23 Aug 2023 16:05

Tgt Ion:252 Resp: 614408
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.3 8.0 12.0





#90

Benzo(a)pyrene

Concen: 4870.318 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS

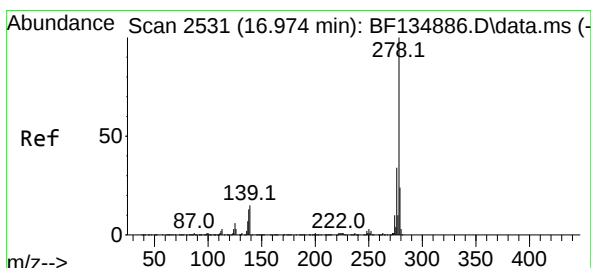
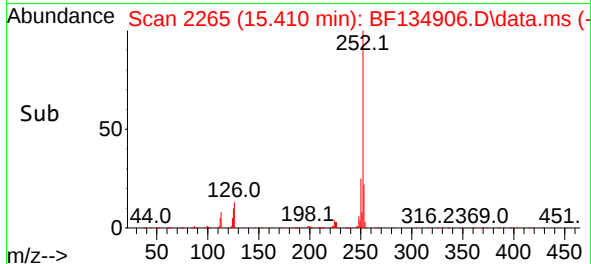
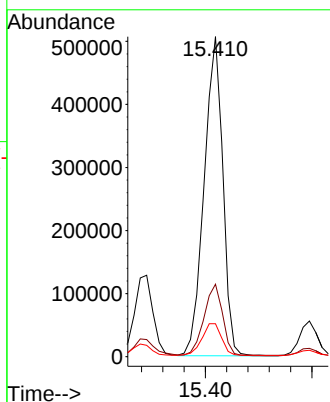
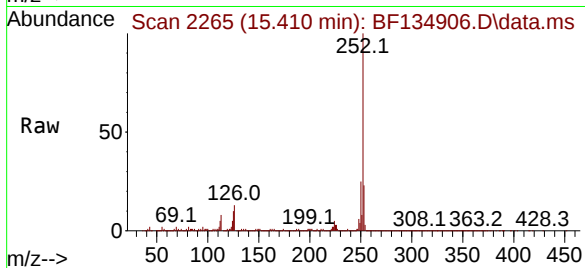
Tgt Ion:252 Resp: 616371

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 10.3 8.4 12.6



#91

Dibenzo(a,h)anthracene

Concen: 2997.290 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.006 min

Lab File: BF134906.D

Acq: 23 Aug 2023 16:05

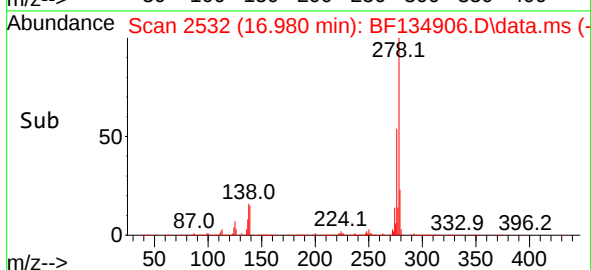
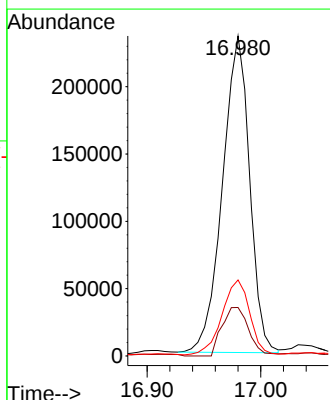
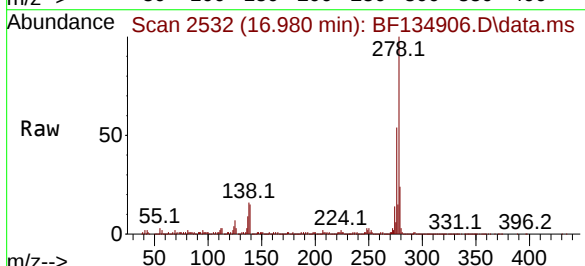
Tgt Ion:278 Resp: 389513

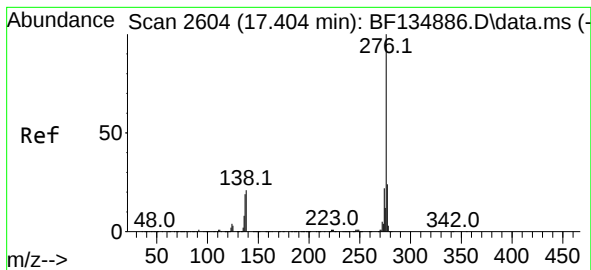
Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

279 23.7 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 223.644 ng

RT: 17.645 min Scan# 2

Delta R.T. 0.241 min

Lab File: BF134906.D

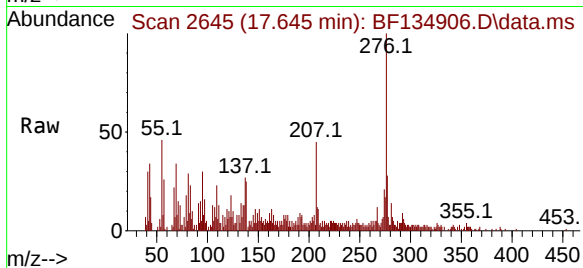
Acq: 23 Aug 2023 16:05

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:276 Resp: 29752

Ion Ratio Lower Upper

276 100

277 27.7 19.2 28.8

138 24.9 17.0 25.6

