

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134933.D
 Acq On : 24 Aug 2023 19:56
 Operator : CG\JU
 Sample : 04119-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2674

Quant Time: Aug 25 01:22:38 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	6.798	152	84951	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	264754	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	94899	20.000	ng	0.02
64) Phenanthrene-d10	11.416	188	94059	20.000	ng	# 0.09
76) Chrysene-d12	14.045	240	132581	20.000	ng	# 0.06
86) Perylene-d12	15.480	264	150036	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	108506	20.368	ng	0.00
7) Phenol-d6	6.428	99	154541	22.703	ng	-0.01
23) Nitrobenzene-d5	7.357	82	92256	19.201	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	27106	24.252	ng	0.05
45) 2-Fluorobiphenyl	9.157	172	152653	24.867	ng	0.00
79) Terphenyl-d14	13.033	244	98223	10.190	ng	0.11
Target Compounds						
						Qvalue
18) Hexachloroethane	7.328	117	29274	13.862	ng	# 1
20) 3+4-Methylphenols	7.216	107	338	Below Cal		# 1
22) Acetophenone	7.192	105	86288	14.746	ng	# 49
25) Isophorone	7.604	82	45170	5.035	ng	# 1
31) Naphthalene	8.098	128	28596	2.163	ng	# 56
35) Caprolactam	8.545	113	5222	4.325	ng	# 1
36) 4-Chloro-3-methylphenol	8.633	107	8982	2.200	ng	# 26
37) 2-Methylnaphthalene	8.798	142	78895	8.949	ng	95
38) 1-Methylnaphthalene	8.892	142	75990	9.218	ng	93
43) 2,4,6-Trichlorophenol	9.080	196	3958	2.072	ng	# 10
46) 1,1'-Biphenyl	9.263	154	26339	3.516	ng	95
48) 2-Nitroaniline	9.398	65	4060	2.207	ng	# 1
49) Acenaphthylene	9.716	152	25341	2.941	ng	# 1
50) Dimethylphthalate	9.569	163	16904	2.502	ng	# 1
51) 2,6-Dinitrotoluene	9.651	165	12142	8.150	ng	# 51
53) 3-Nitroaniline	9.804	138	10448	6.421	ng	# 41
55) Dibenzofuran	10.069	168	25967	3.286	ng	# 1
56) 4-Nitrophenol	9.969	139	13967	12.316	ng	# 1
57) 2,4-Dinitrotoluene	10.075	165	13724	7.449	ng	# 64
58) Fluorene	10.386	166	26799	4.471	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.192	232	4012	2.329	ng	# 1
60) Diethylphthalate	10.310	149	21297	3.441	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.439	204	17349	5.774	ng	# 1
62) 4-Nitroaniline	10.333	138	22893	15.049	ng	81
63) Azobenzene	10.604	77	32790	5.333	ng	# 34
65) 4,6-Dinitro-2-methylph...	10.433	198	18415	33.180	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	130977	43.242	ng	# 57
67) 4-Bromophenyl-phenylether	10.945	248	5673	5.228	ng	# 1
69) Atrazine	11.104	200	2189	2.661	ng	# 1
70) Pentachlorophenol	11.257	266	19664	28.312	ng	# 38
71) Phenanthrene	11.445	178	198885	40.351	ng	# 42
72) Anthracene	11.539	178	18093	3.583	ng	# 1
74) Di-n-butylphthalate	11.998	149	110577	23.169	ng	# 32
75) Fluoranthene	12.680	202	204693	43.830	ng	76
77) Benzidine	12.739	184	10553	4.906	ng	# 1
81) Benzo(a)anthracene	14.033	228	123727	13.678	ng	# 90

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Misc :
ALS Vial : 20 Sample Multiplier: 1

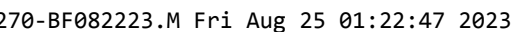
Instrument :
BNA_F
ClientSampleId :
RT2674

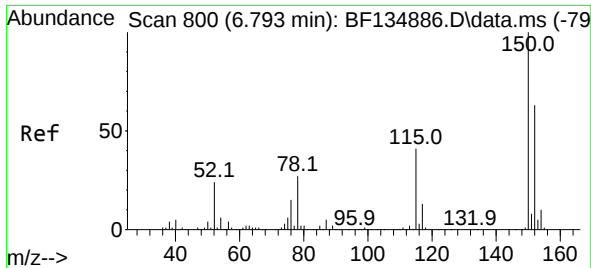
Quant Time: Aug 25 01:22:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	14.068	228	153856	17.239	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.004	149	16852	3.632	ng	# 49
85) Di-n-octyl phthalate	14.645	149	19152	2.532	ng	# 71
87) Indeno(1,2,3-cd)pyrene	16.968	276	98209	9.158	ng	# 96
88) Benzo(b)fluoranthene	15.057	252	275614	32.559	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	275614	33.157	ng	# 93
90) Benzo(a)pyrene	15.421	252	125290	14.827	ng	# 96
91) Dibenzo(a,h)anthracene	16.974	278	21107	2.432	ng	# 80
92) Benzo(g,h,i)perylene	17.421	276	94079	10.591	ng	# 98

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

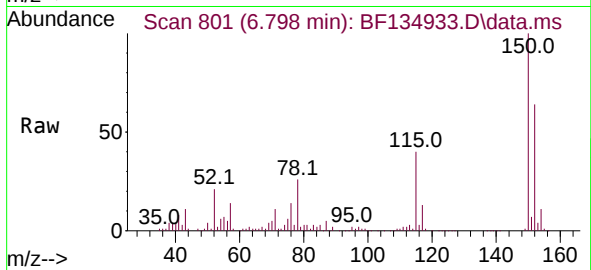
Quant Time: Aug 25 01:22:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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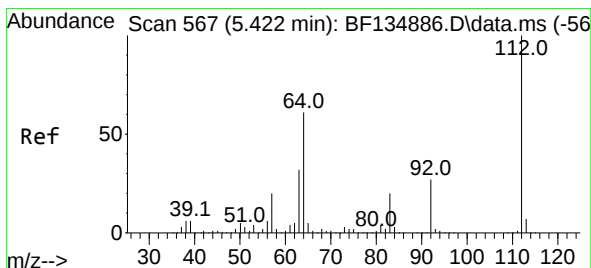
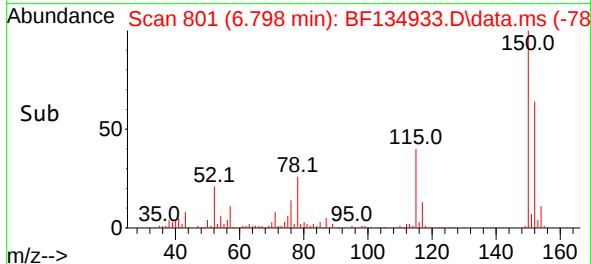
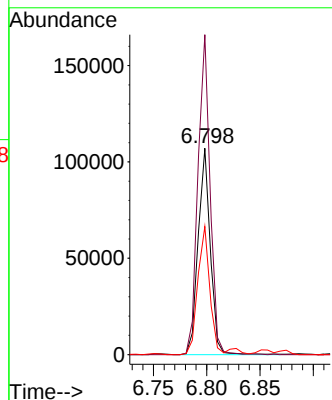


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.005 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Instrument :
BNA_F
ClientSampleId :
RT2674

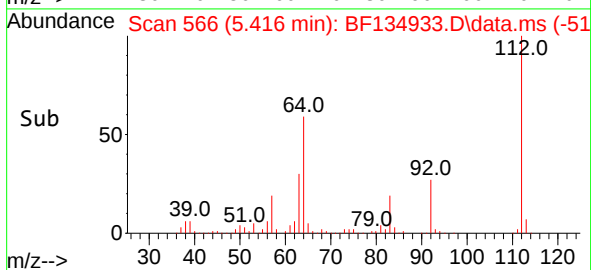
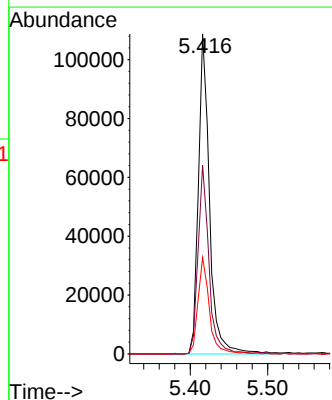
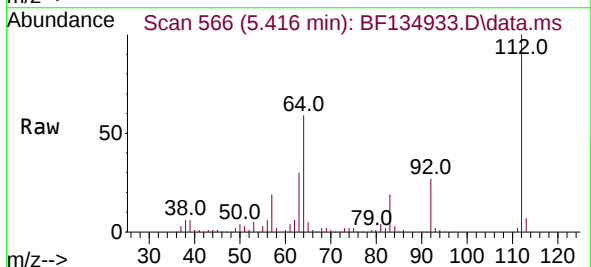


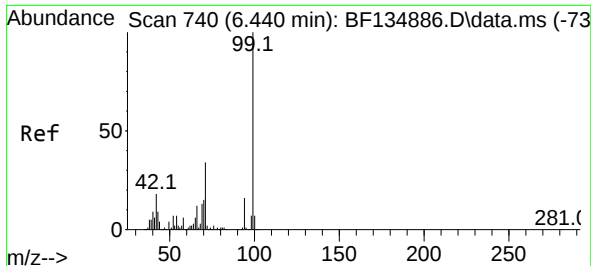
Tgt Ion:152 Resp: 84951
Ion Ratio Lower Upper
152 100
150 155.1 126.1 189.1
115 62.1 51.1 76.7



#5
2-Fluorophenol
Concen: 20.368 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:112 Resp: 108506
Ion Ratio Lower Upper
112 100
64 59.0 48.6 73.0
63 30.1 25.7 38.5

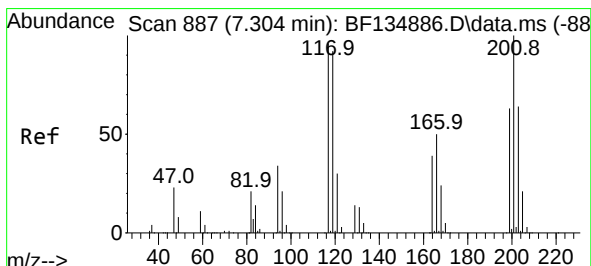
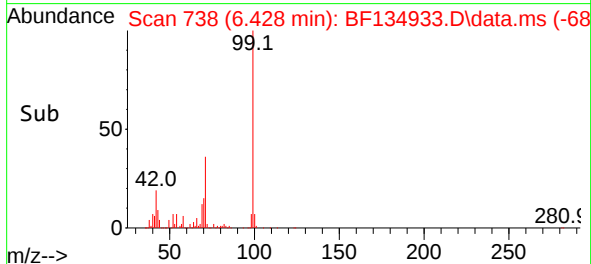
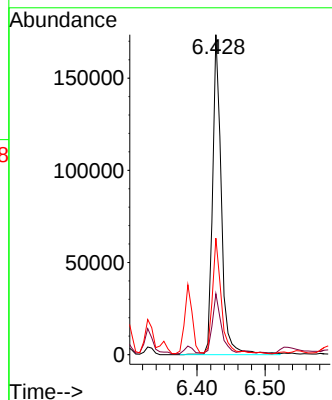
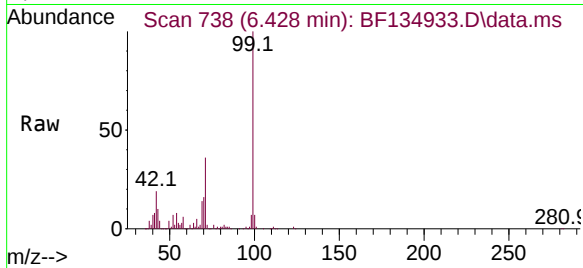




#7
Phenol-d6
Concen: 22.703 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

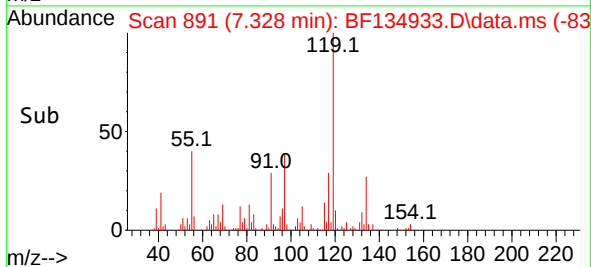
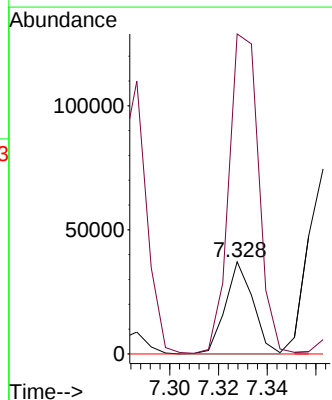
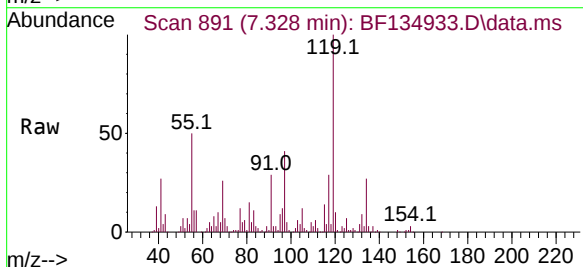
Instrument :
BNA_F
ClientSampleId :
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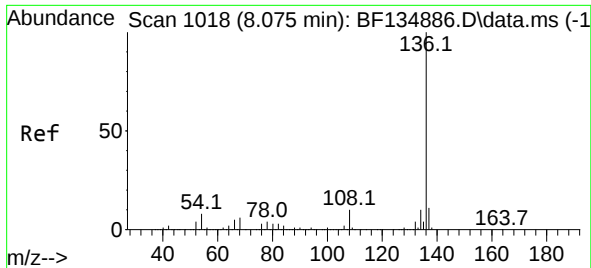
Tgt Ion: 99 Resp: 154541
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 36.4 27.6 41.4



#18
Hexachloroethane
Concen: 13.862 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.024 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion: 117 Resp: 29274
Ion Ratio Lower Upper
117 100
119 347.3 76.6 114.8#
201 0.0 83.4 125.2#

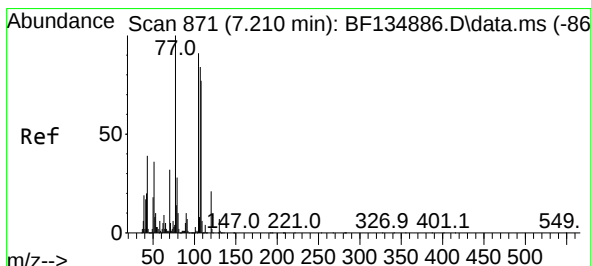
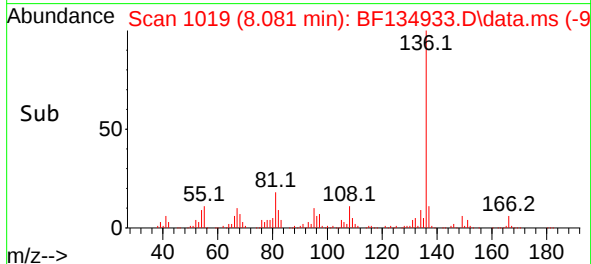
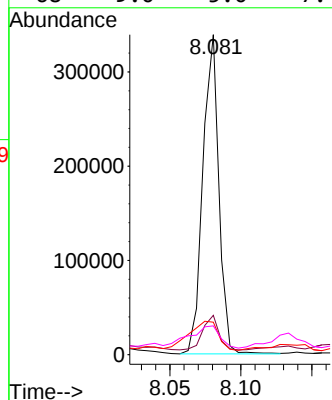
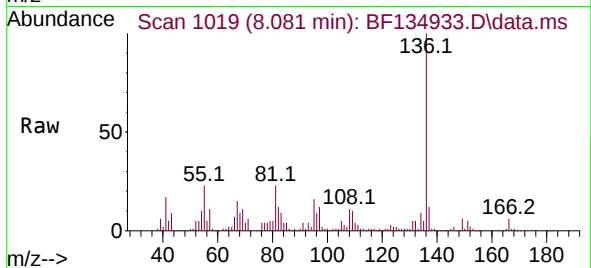




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

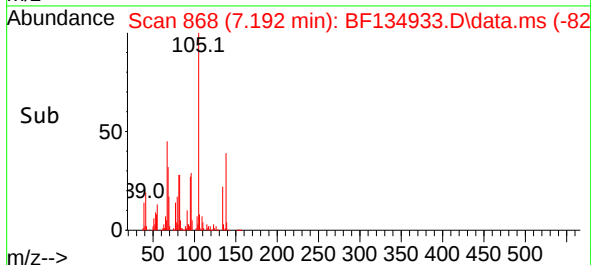
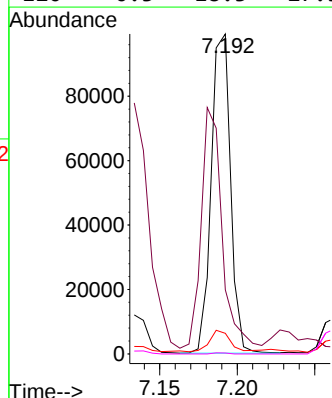
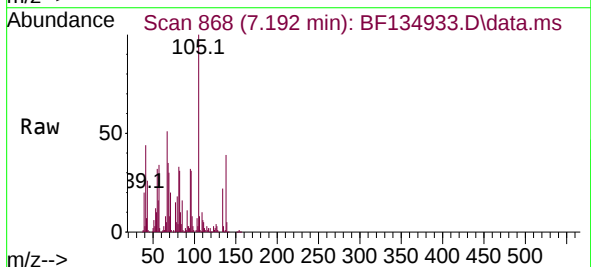
Instrument :
BNA_F
ClientSampleId :
RT2674

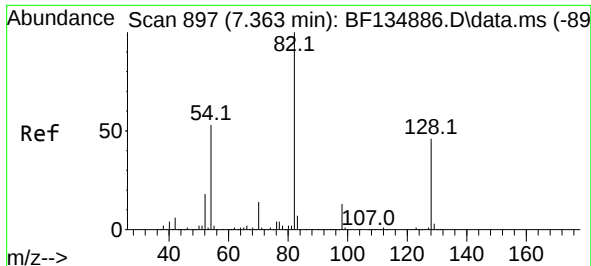
Tgt Ion:	136	Resp:	264754
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.9	13.3
54	10.1	6.6	9.8#
68	9.0	5.0	7.4#



#22
Acetophenone
Concen: 14.746 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:	105	Resp:	86288
Ion Ratio	Lower	Upper	
105	100		
71	20.0	4.6	6.8#
51	6.4	32.2	48.2#
120	0.3	18.3	27.5#





#23

Nitrobenzene-d5

Concen: 19.201 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

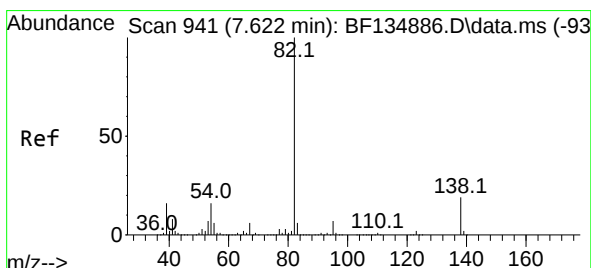
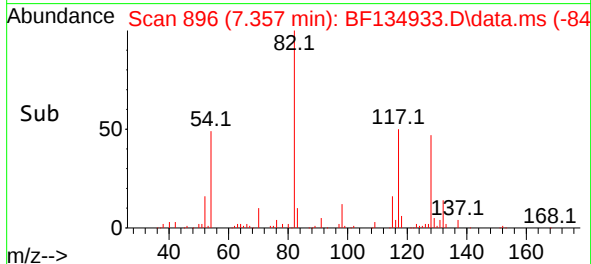
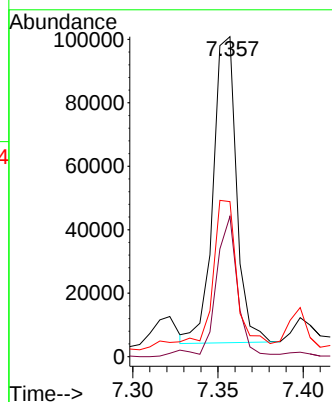
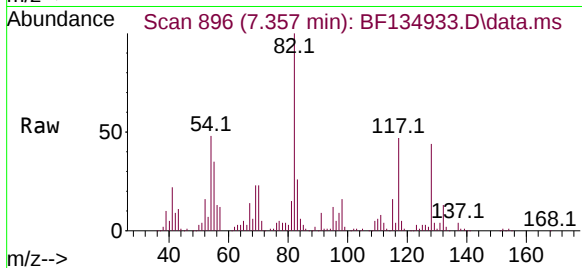
Tgt Ion: 82 Resp: 92256

Ion Ratio Lower Upper

82 100

128 43.8 36.6 54.8

54 48.4 42.6 63.8



#25

Isophorone

Concen: 5.035 ng

RT: 7.604 min Scan# 938

Delta R.T. -0.018 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

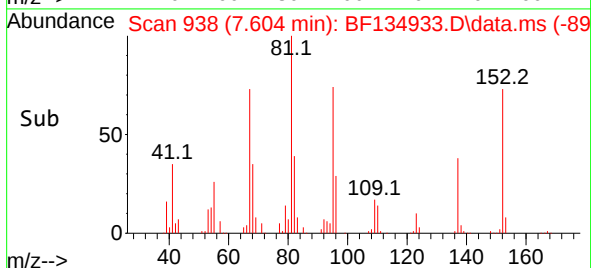
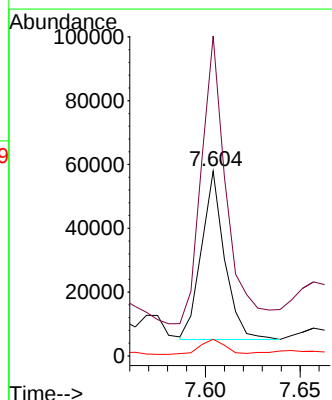
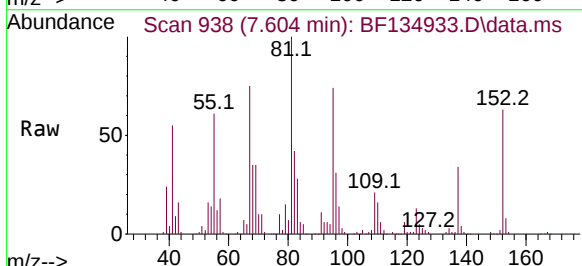
Tgt Ion: 82 Resp: 45170

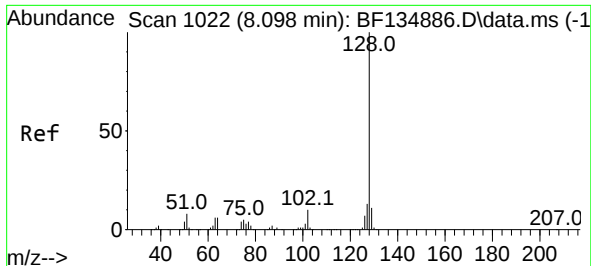
Ion Ratio Lower Upper

82 100

95 173.2 5.9 8.9#

138 9.0 14.9 22.3#





#31
Naphthalene
Concen: 2.163 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

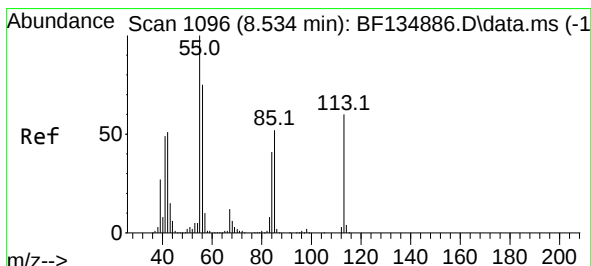
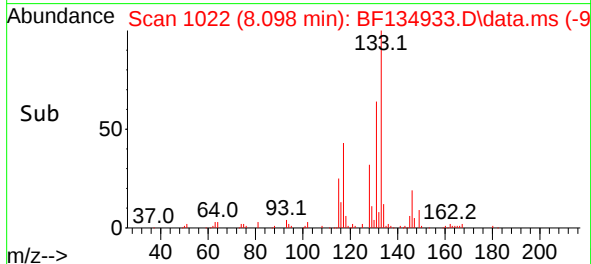
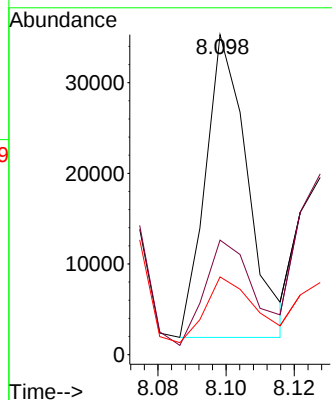
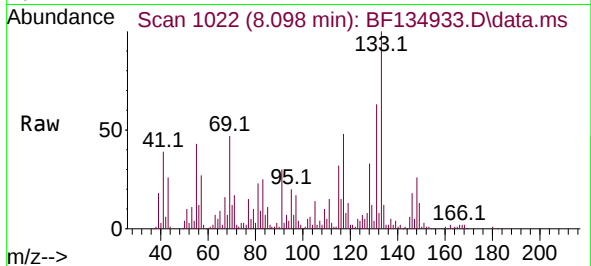
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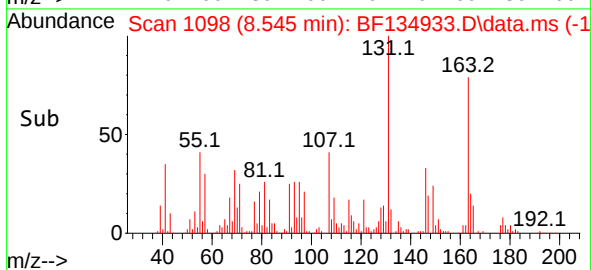
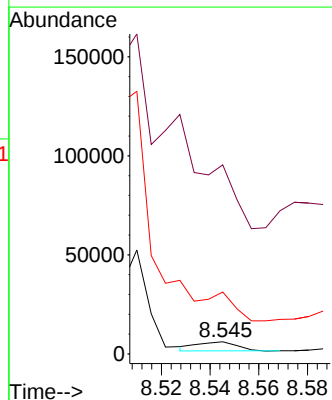
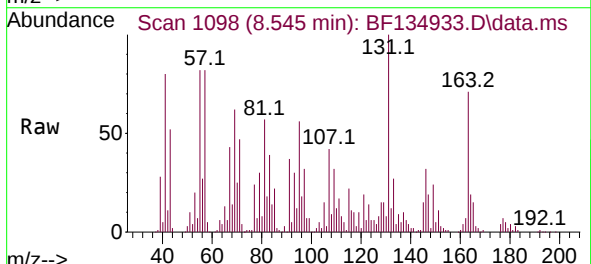
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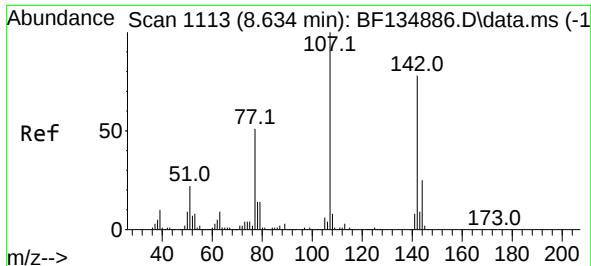
Tgt Ion:128 Resp: 28596
Ion Ratio Lower Upper
128 100
129 35.8 9.0 13.4#
127 24.3 10.6 16.0#



#35
Caprolactam
Concen: 4.325 ng
RT: 8.545 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:113 Resp: 5222
Ion Ratio Lower Upper
113 100
55 1573.6 147.2 187.2#
56 514.4 106.0 146.0#

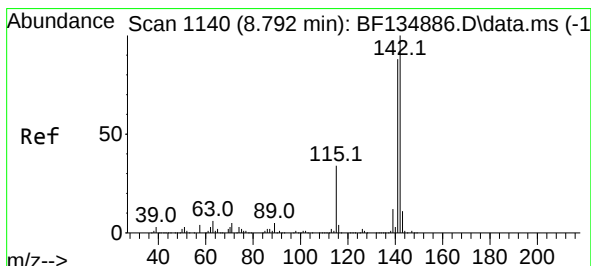
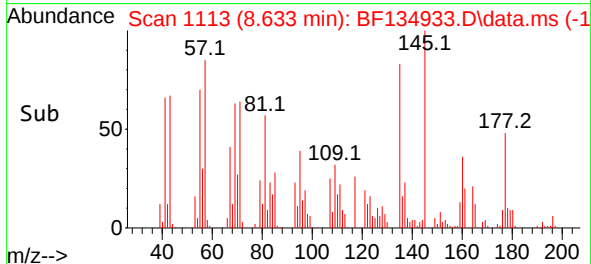
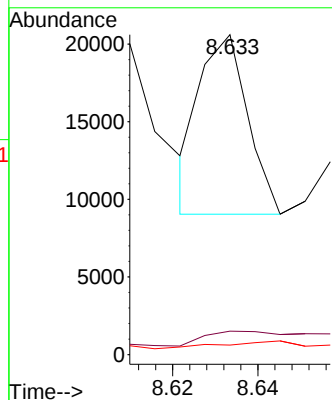
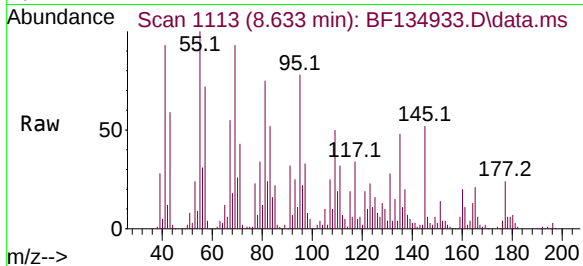




#36
4-Chloro-3-methylphenol
Concen: 2.200 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

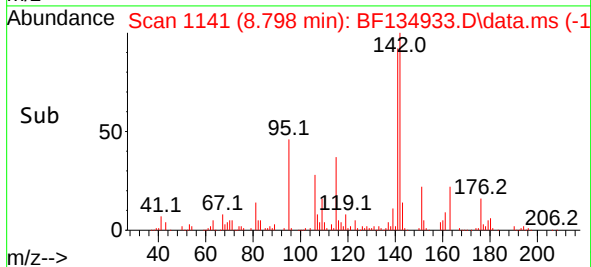
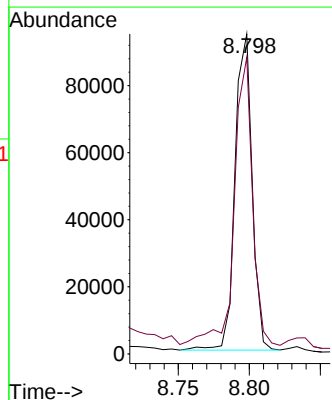
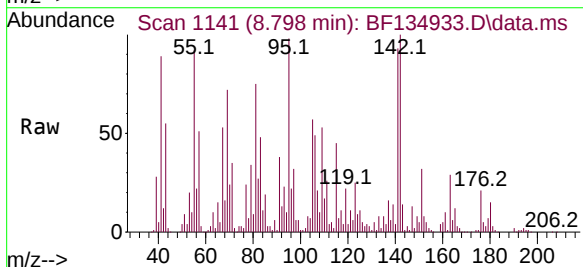
Instrument :
BNA_F
ClientSampleId :
RT2674

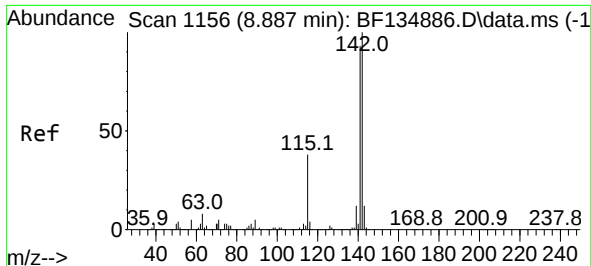
Tgt Ion:107 Resp: 8982
Ion Ratio Lower Upper
107 100
144 7.4 20.2 30.2#
142 3.0 62.5 93.7#



#37
2-Methylnaphthalene
Concen: 8.949 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:142 Resp: 78895
Ion Ratio Lower Upper
142 100
141 92.7 70.2 105.2





#38

1-Methylnaphthalene

Concen: 9.218 ng

RT: 8.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

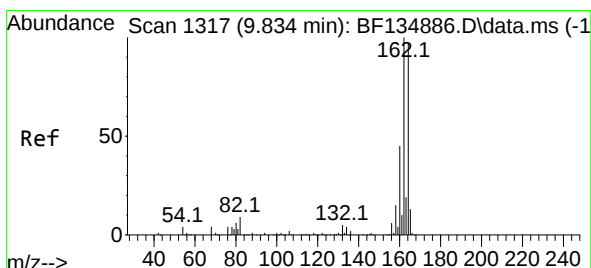
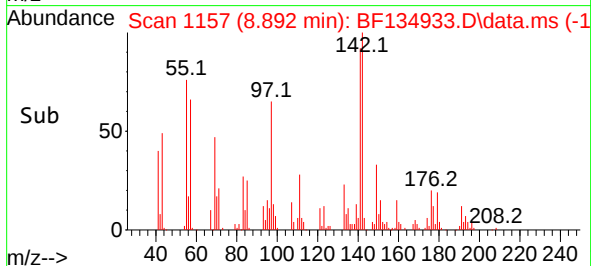
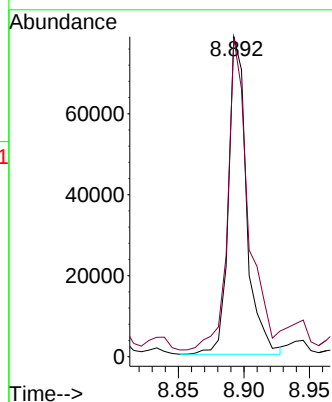
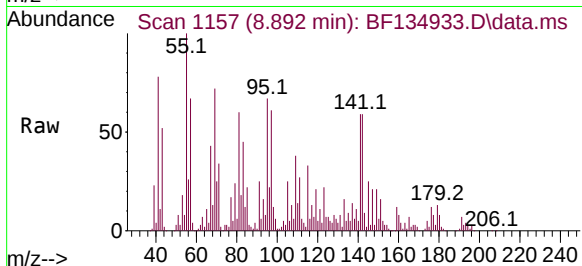
RT2674

Tgt Ion:142 Resp: 75990

Ion Ratio Lower Upper

142 100

141 99.6 74.1 111.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.017 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

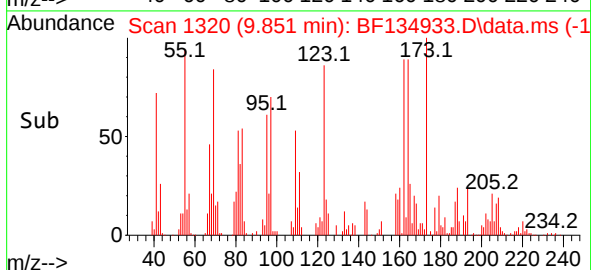
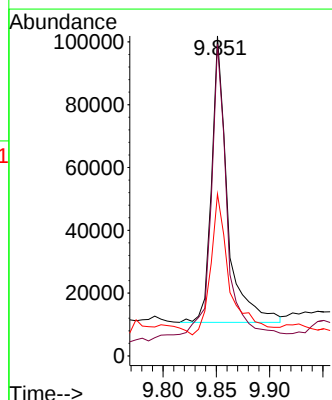
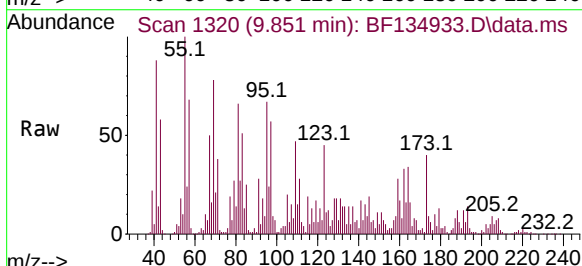
Tgt Ion:164 Resp: 94899

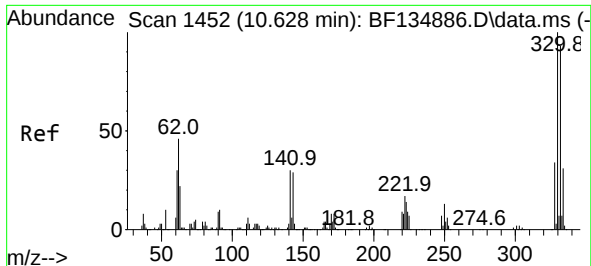
Ion Ratio Lower Upper

164 100

162 97.3 82.6 123.8

160 50.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 24.252 ng

RT: 10.680 min Scan# 1452

Delta R.T. 0.053 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

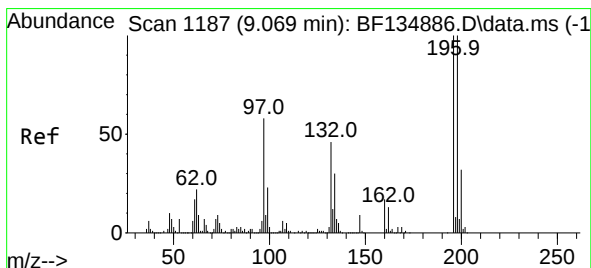
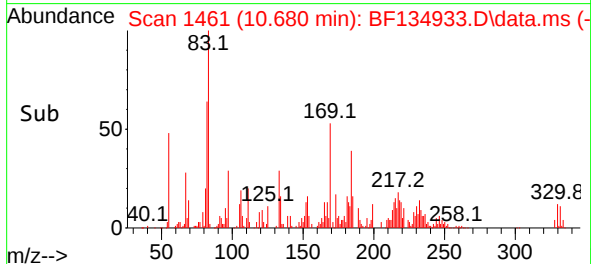
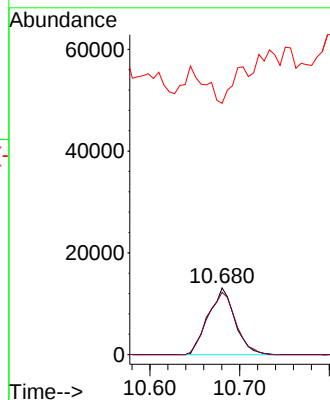
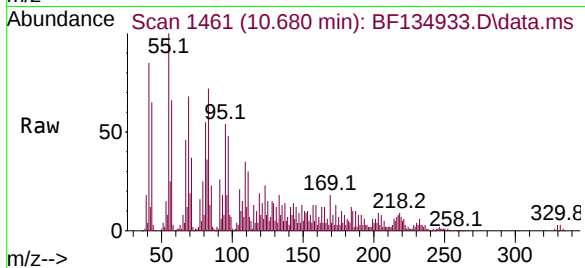
Tgt Ion:330 Resp: 27106

Ion Ratio Lower Upper

330 100

332 99.4 76.3 114.5

141 0.0 23.4 35.2#



#43

2,4,6-Trichlorophenol

Concen: 2.072 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.012 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

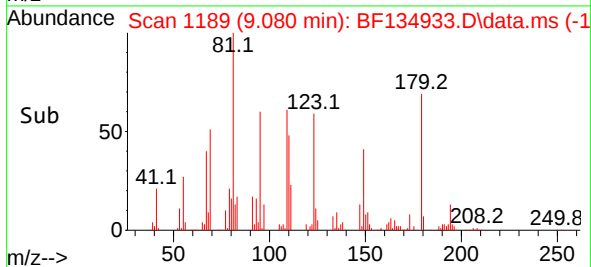
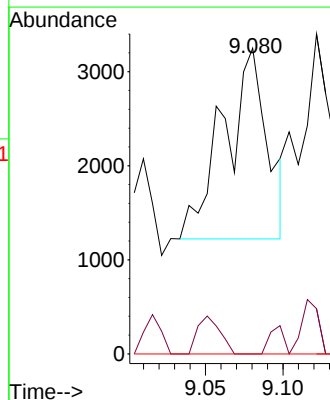
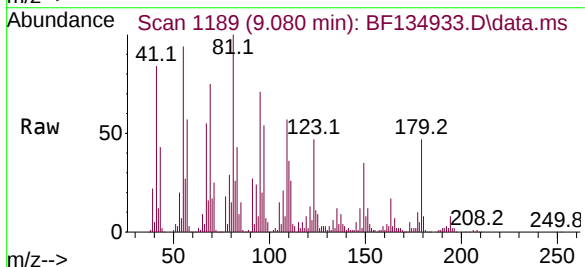
Tgt Ion:196 Resp: 3958

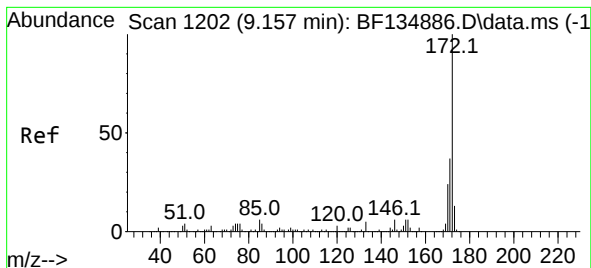
Ion Ratio Lower Upper

196 100

198 0.0 79.8 119.6#

200 0.0 25.8 38.6#





#45

2-Fluorobiphenyl

Concen: 24.867 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

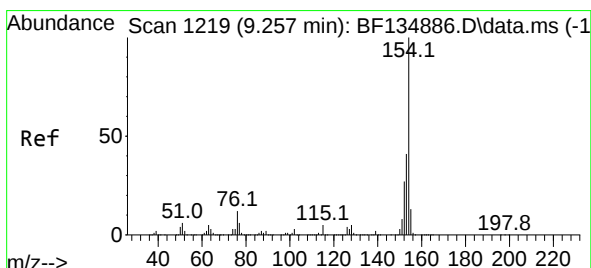
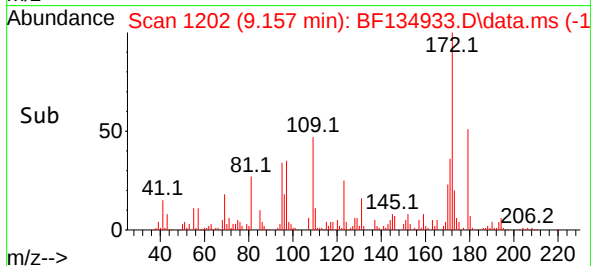
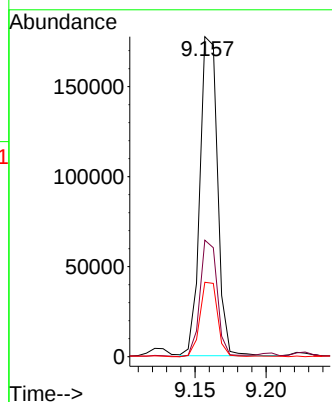
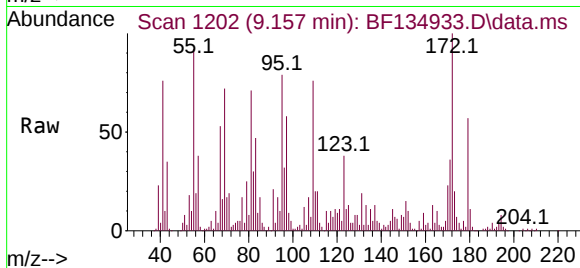
Tgt Ion:172 Resp: 152653

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

170 23.2 19.6 29.4



#46

1,1'-Biphenyl

Concen: 3.516 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

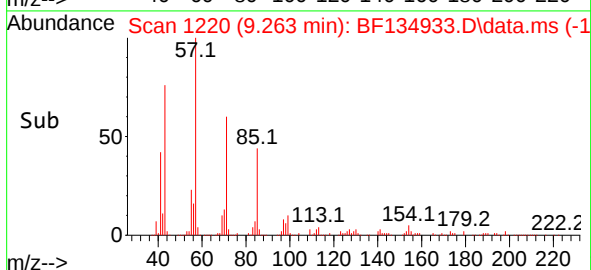
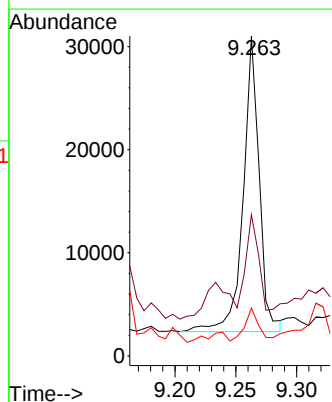
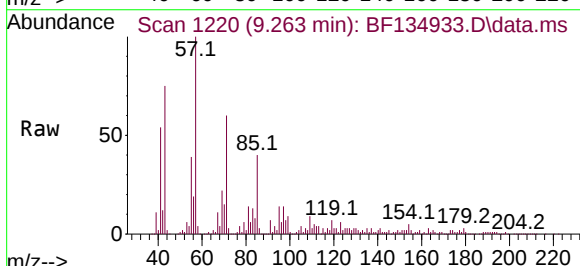
Tgt Ion:154 Resp: 26339

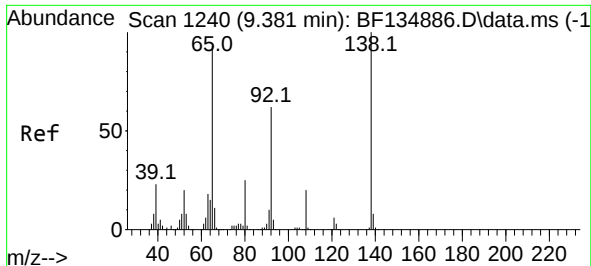
Ion Ratio Lower Upper

154 100

153 44.1 21.3 61.3

76 15.0 0.0 31.8

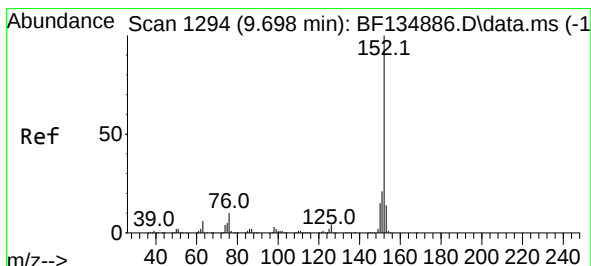
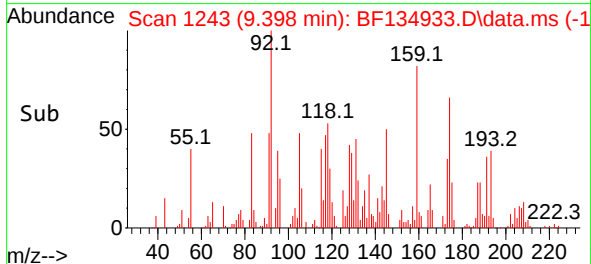
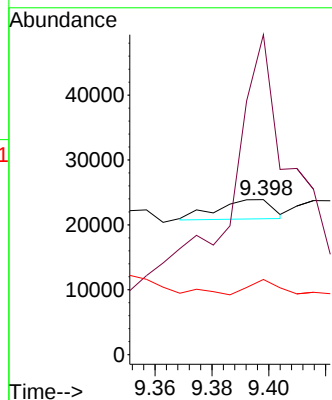
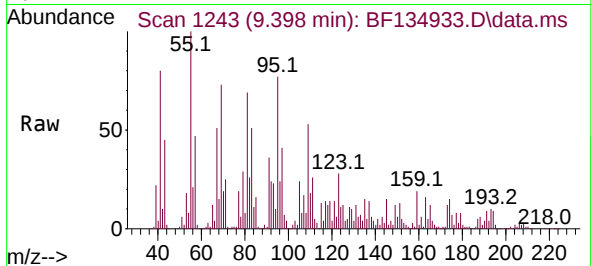




#48
2-Nitroaniline
Concen: 2.207 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

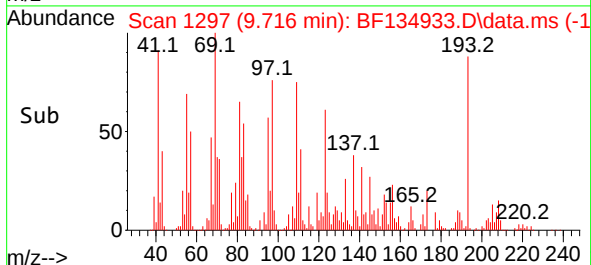
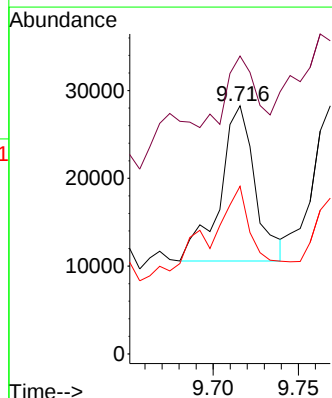
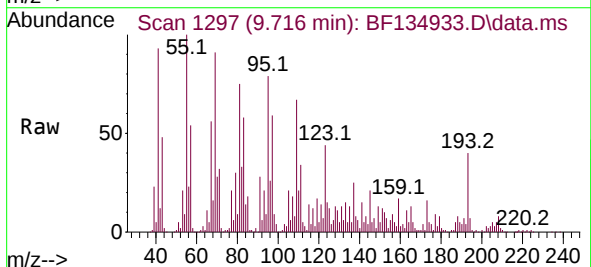
Instrument :
BNA_F
ClientSampleId :
RT2674

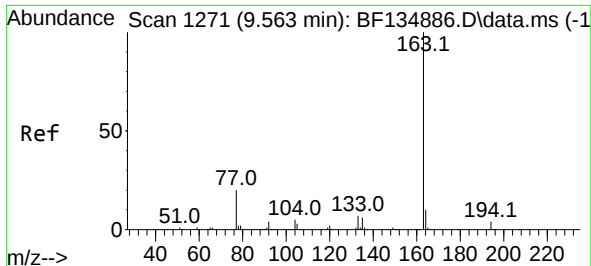
Tgt Ion: 65 Resp: 4060
Ion Ratio Lower Upper
65 100
92 206.5 53.8 80.8#
138 48.4 86.5 129.7#



#49
Acenaphthylene
Concen: 2.941 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.018 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:152 Resp: 25341
Ion Ratio Lower Upper
152 100
151 120.1 16.5 24.7#
153 67.6 11.3 16.9#

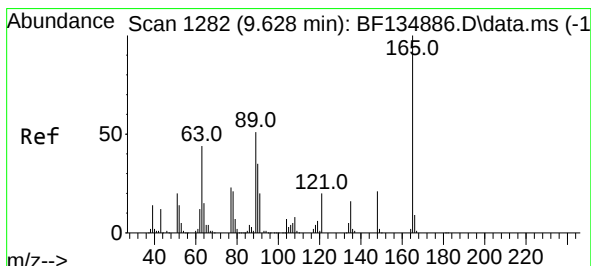
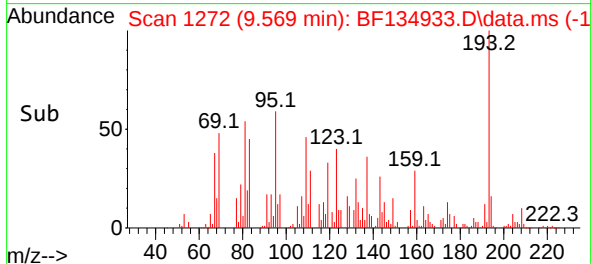
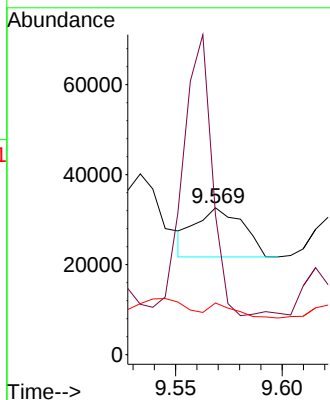
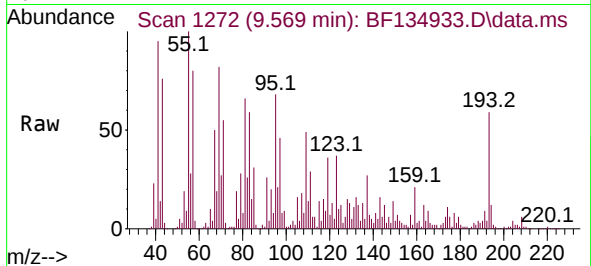




#50
Dimethylphthalate
Concen: 2.502 ng
RT: 9.569 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

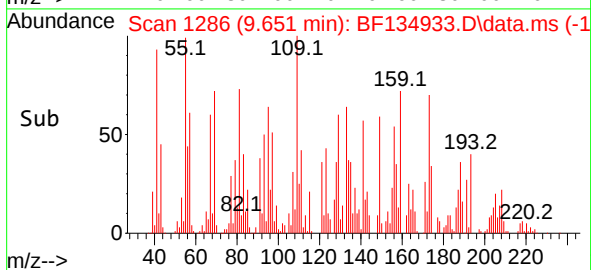
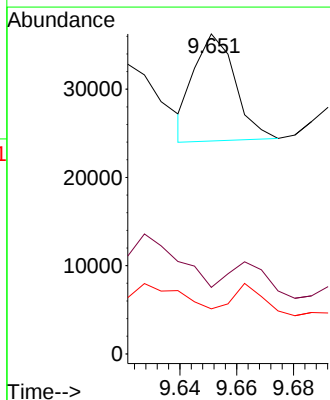
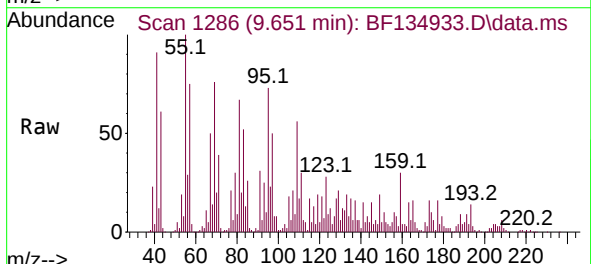
Instrument :
BNA_F
ClientSampleId :
RT2674

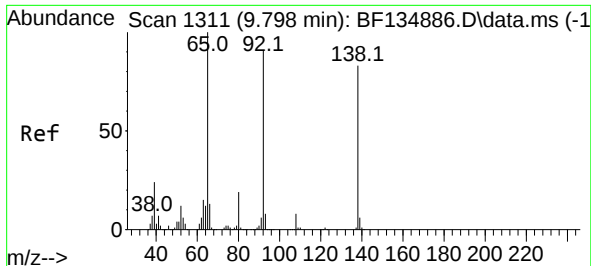
Tgt Ion:163 Resp: 16904
Ion Ratio Lower Upper
163 100
194 95.1 3.2 4.8#
164 35.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.150 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.023 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:165 Resp: 12142
Ion Ratio Lower Upper
165 100
63 20.8 41.4 62.2#
89 14.1 40.9 61.3#

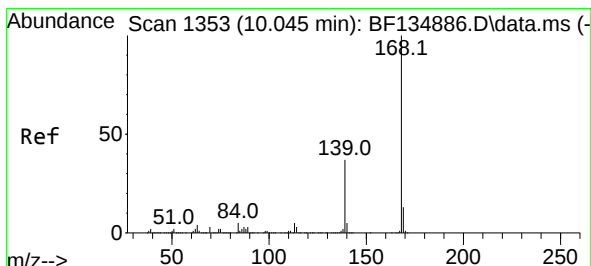
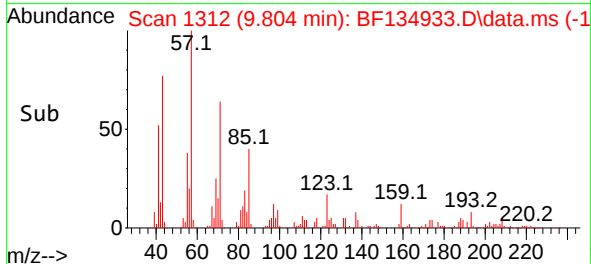
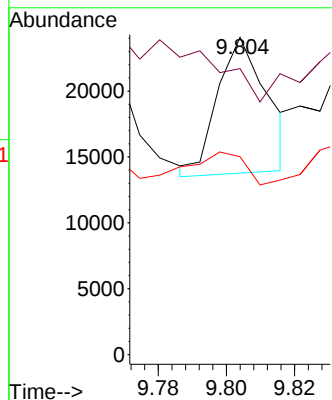
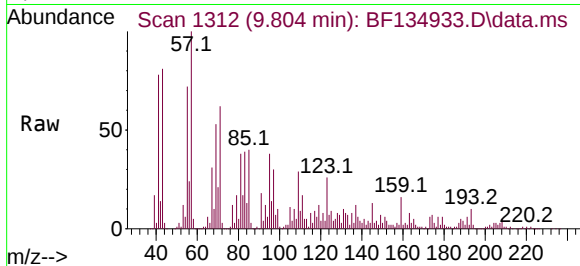




#53
3-Nitroaniline
Concen: 6.421 ng
RT: 9.804 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

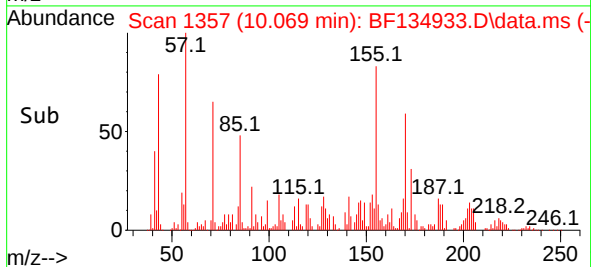
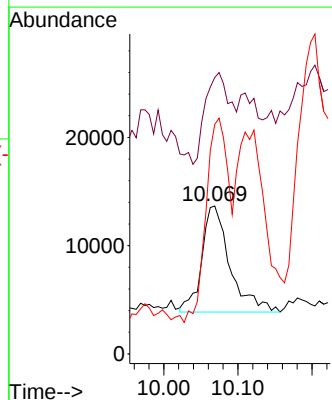
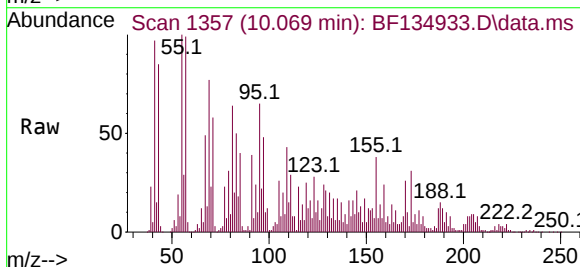
Instrument :
BNA_F
ClientSampleId :
RT2674

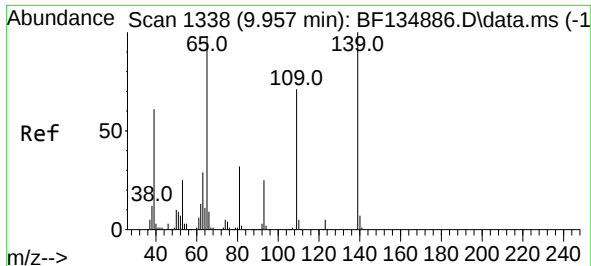
Tgt Ion:138 Resp: 10448
Ion Ratio Lower Upper
138 100
108 90.2 8.0 12.0#
92 62.4 87.6 131.4#



#55
Dibenzofuran
Concen: 3.286 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.023 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:168 Resp: 25967
Ion Ratio Lower Upper
168 100
139 186.9 29.5 44.3#
169 155.2 10.7 16.1#

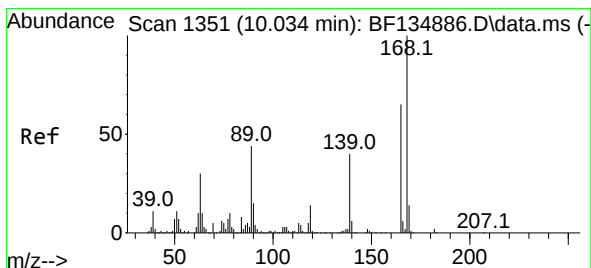
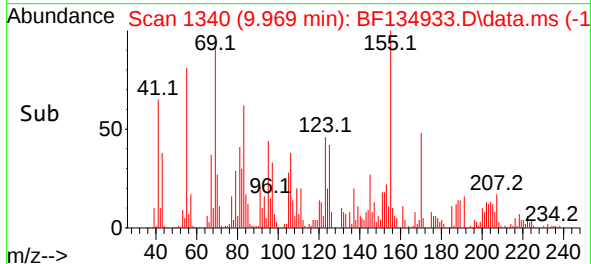
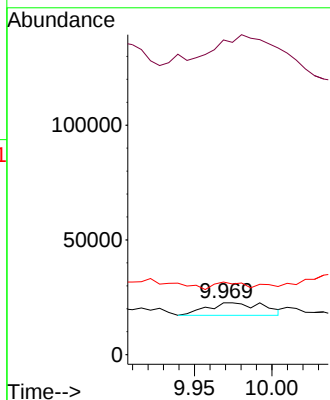
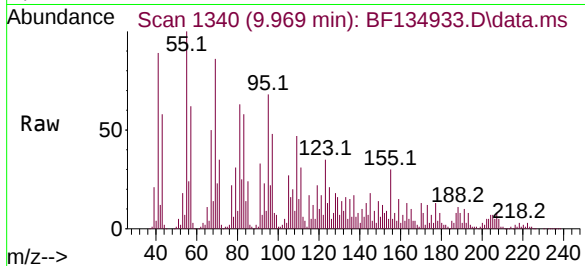




#56
4-Nitrophenol
Concen: 12.316 ng
RT: 9.969 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

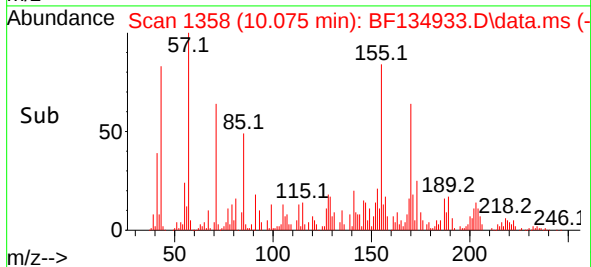
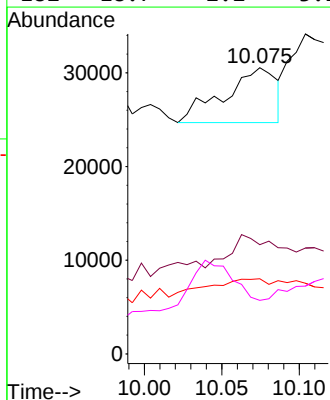
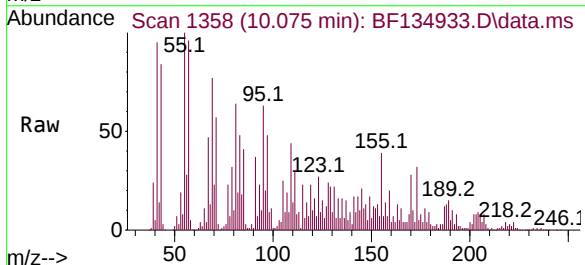
Instrument :
BNA_F
ClientSampleId :
RT2674

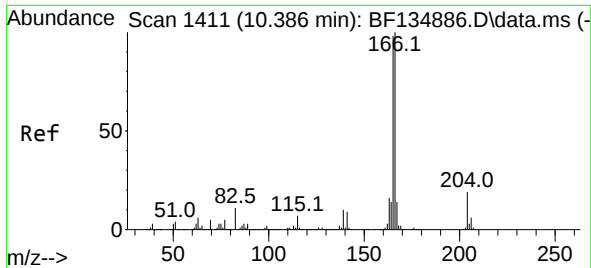
Tgt Ion:139 Resp: 13967
Ion Ratio Lower Upper
139 100
109 608.2 51.0 91.0#
65 140.3 78.5 118.5#



#57
2,4-Dinitrotoluene
Concen: 7.449 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.041 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:165 Resp: 13724
Ion Ratio Lower Upper
165 100
63 38.2 37.7 56.5
89 26.2 54.2 81.4#
182 18.7 2.2 3.2#

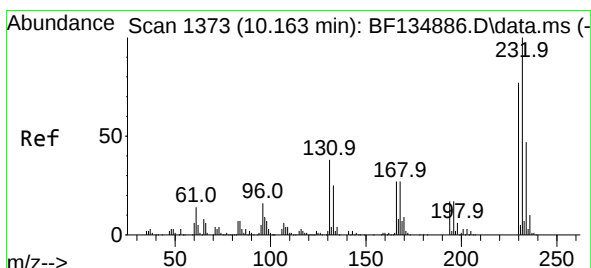
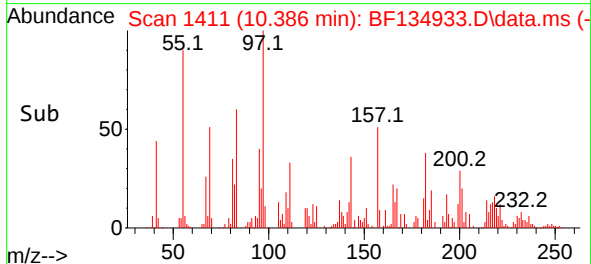
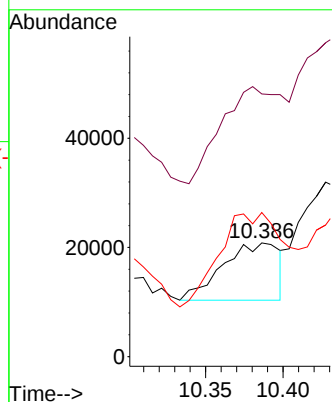
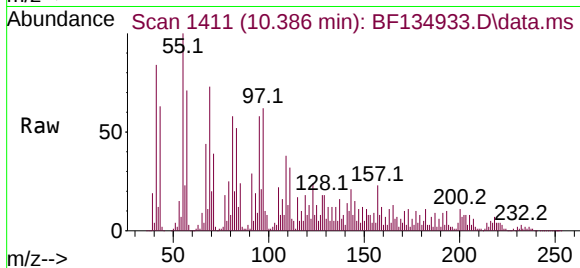




#58
 Fluorene
 Concen: 4.471 ng
 RT: 10.386 min Scan# 1411
 Delta R.T. 0.000 min
 Lab File: BF134933.D
 Acq: 24 Aug 2023 19:56

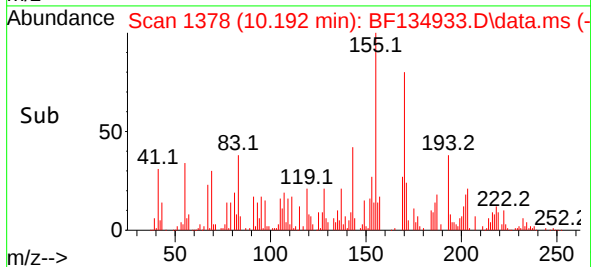
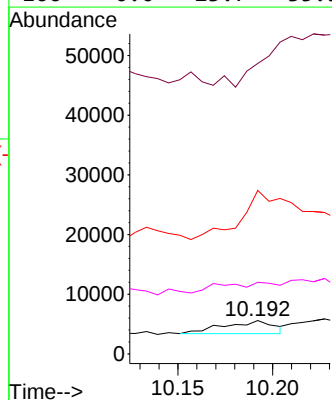
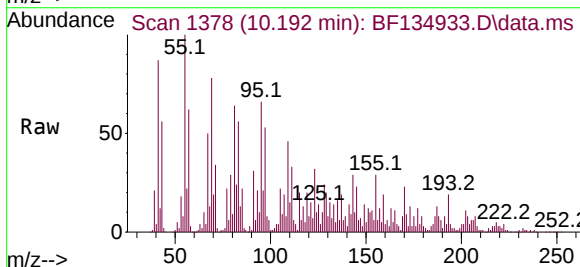
Instrument :
 BNA_F
 ClientSampleId :
 RT2674

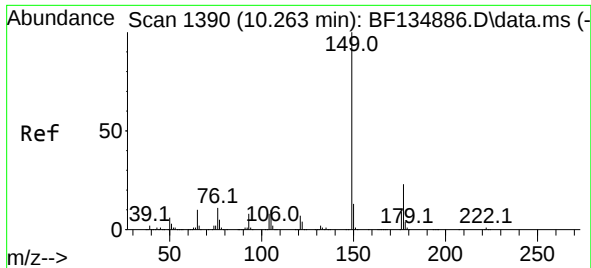
Tgt Ion:166 Resp: 26799
 Ion Ratio Lower Upper
 166 100
 165 230.9 78.5 117.7#
 167 126.7 11.0 16.6#



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.329 ng
 RT: 10.192 min Scan# 1378
 Delta R.T. 0.029 min
 Lab File: BF134933.D
 Acq: 24 Aug 2023 19:56

Tgt Ion:232 Resp: 4012
 Ion Ratio Lower Upper
 232 100
 131 0.0 33.9 50.9#
 130 595.0 1.6 2.4#
 166 0.0 23.7 35.5#

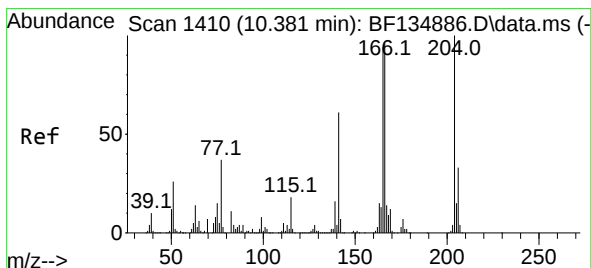
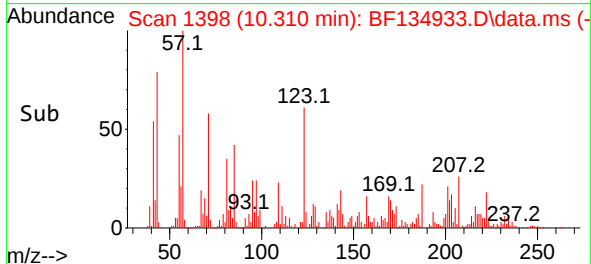
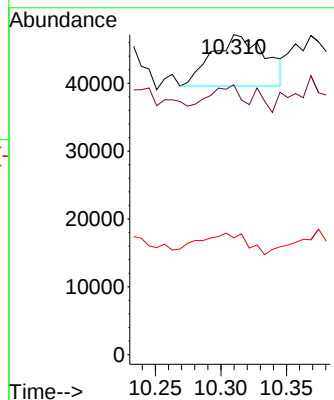
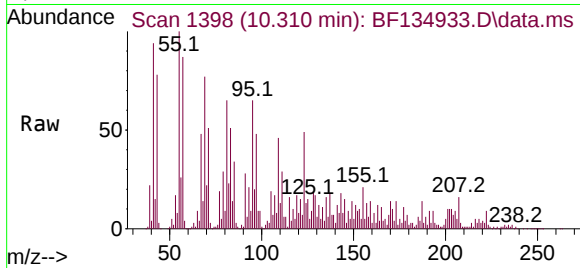




#60
Diethylphthalate
Concen: 3.441 ng
RT: 10.310 min Scan# 1390
Delta R.T. 0.047 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

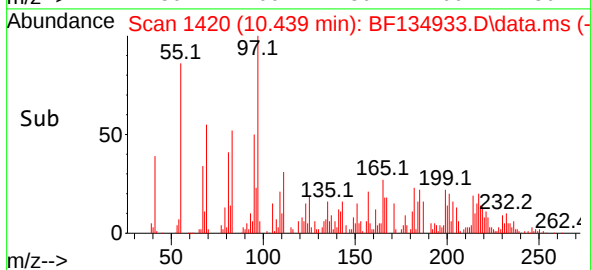
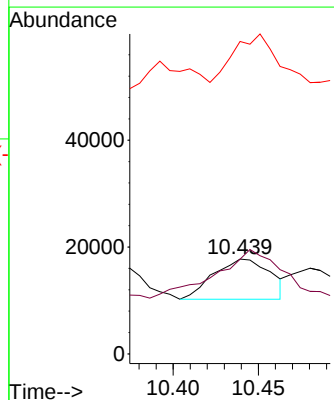
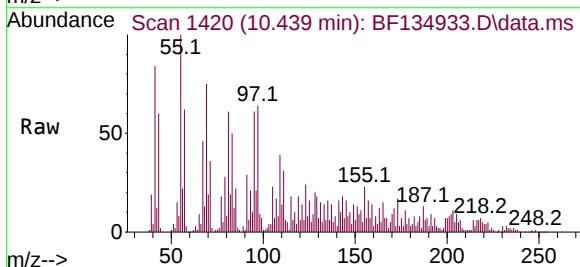
Instrument :
BNA_F
ClientSampleId :
RT2674

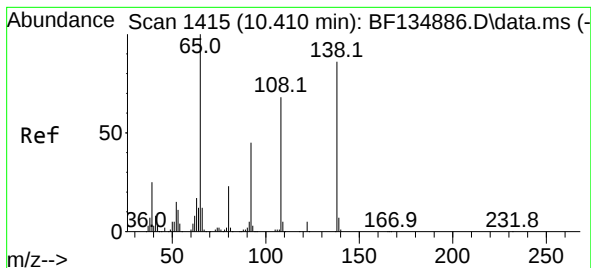
Tgt Ion:149 Resp: 21297
Ion Ratio Lower Upper
149 100
177 84.3 18.4 27.6#
150 36.5 10.3 15.5#



#61
4-Chlorophenyl-phenylether
Concen: 5.774 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.058 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:204 Resp: 17349
Ion Ratio Lower Upper
204 100
206 99.9 26.3 39.5#
141 329.3 48.6 73.0#

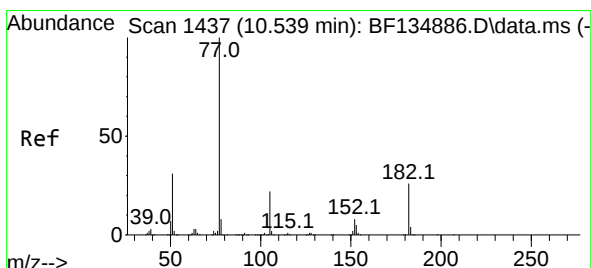
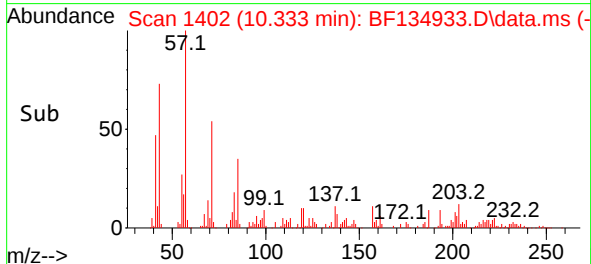
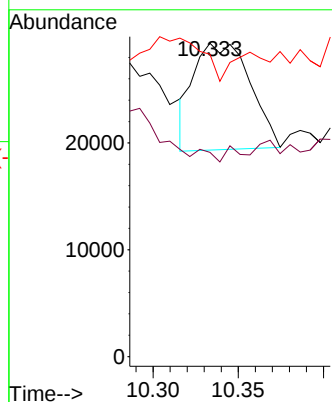
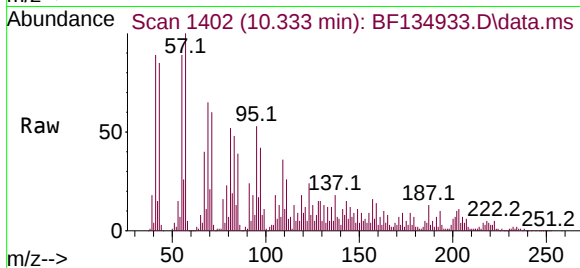




#62
4-Nitroaniline
Concen: 15.049 ng
RT: 10.333 min Scan# 1415
Delta R.T. -0.077 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

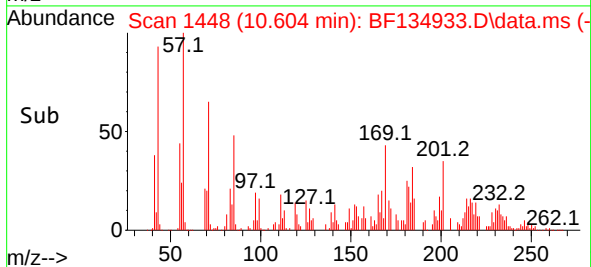
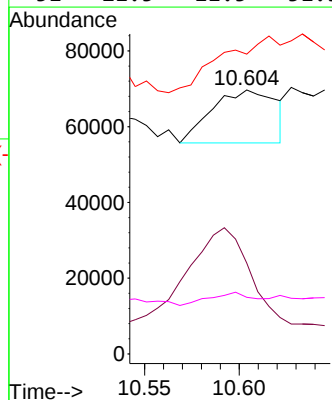
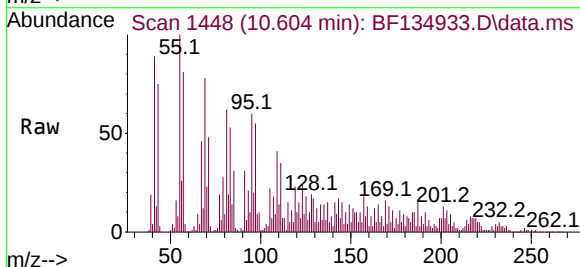
Instrument :
BNA_F
ClientSampleId :
RT2674

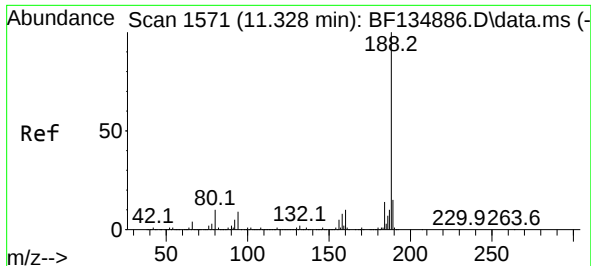
Tgt Ion:138 Resp: 22893
Ion Ratio Lower Upper
138 100
92 65.2 32.5 72.5
108 96.5 58.6 98.6



#63
Azobenzene
Concen: 5.333 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.065 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion: 77 Resp: 32790
Ion Ratio Lower Upper
77 100
182 34.4 5.8 45.8
105 113.5 1.6 41.6#
51 21.5 11.5 51.5

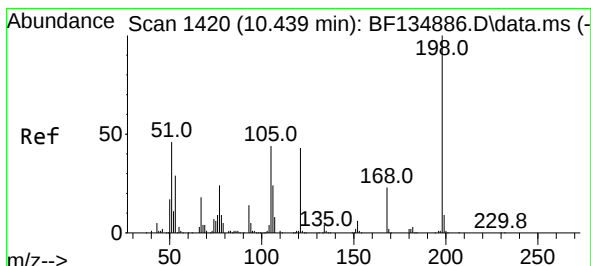
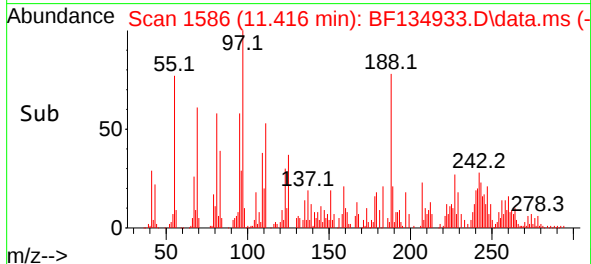
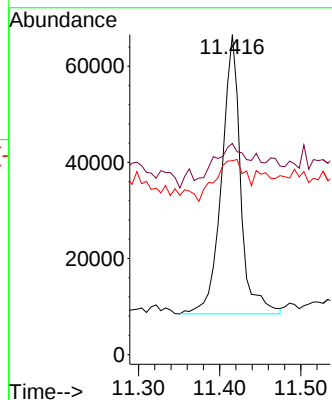
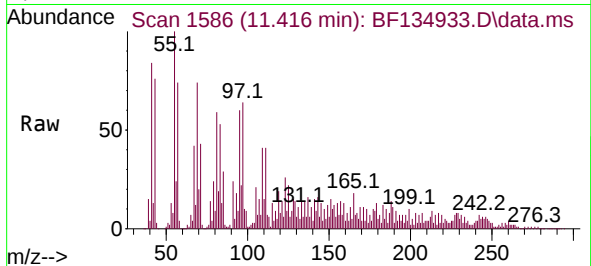




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

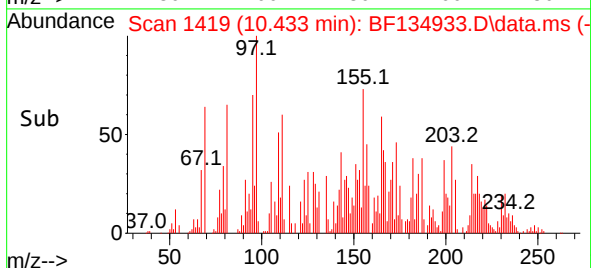
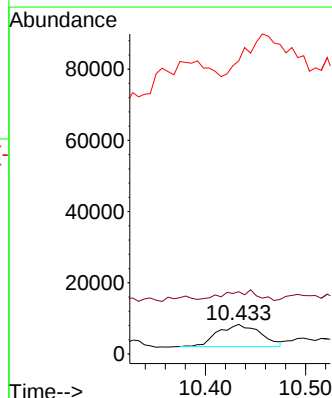
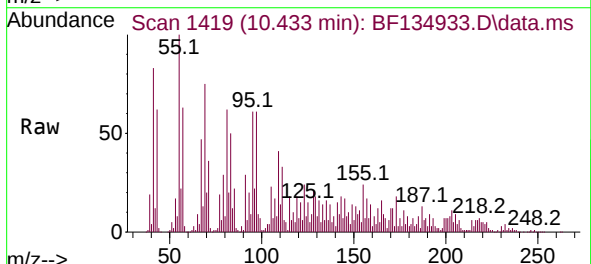
Instrument :
BNA_F
ClientSampleId :
RT2674

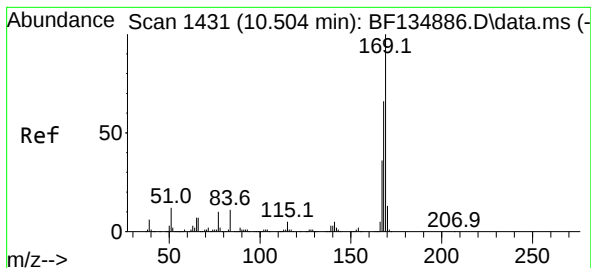
Tgt Ion:188 Resp: 94059
Ion Ratio Lower Upper
188 100
94 66.0 7.5 11.3#
80 60.6 7.8 11.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 33.180 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:198 Resp: 18415
Ion Ratio Lower Upper
198 100
51 210.0 30.3 70.3#
105 989.9 24.5 64.5#

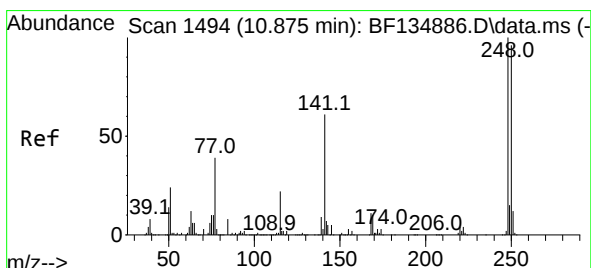
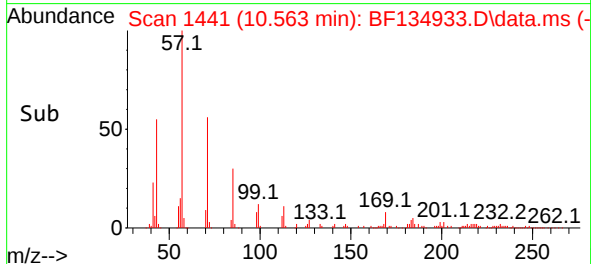
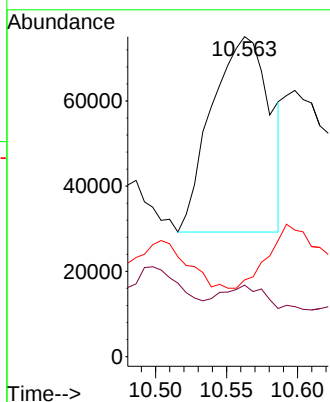
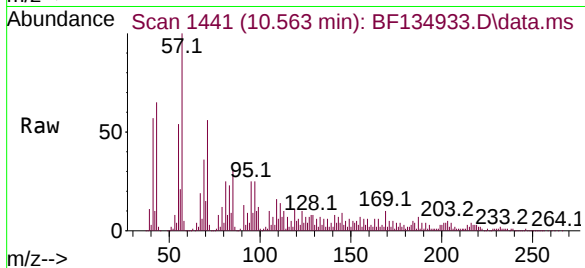




#66
n-Nitrosodiphenylamine
Concen: 43.242 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.059 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

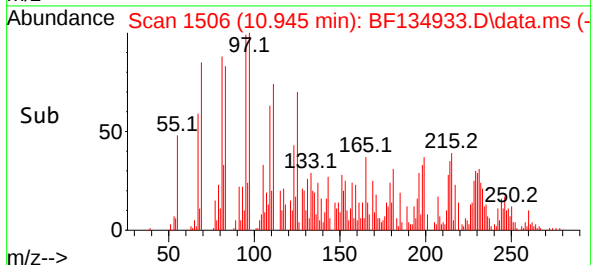
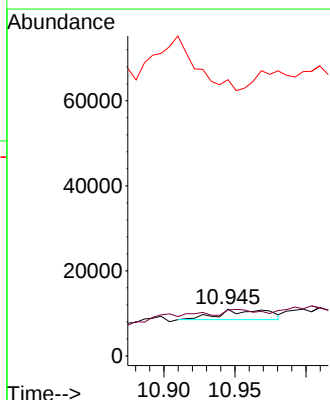
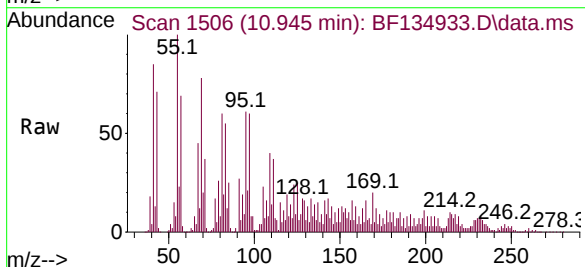
Instrument :
BNA_F
ClientSampleId :
RT2674

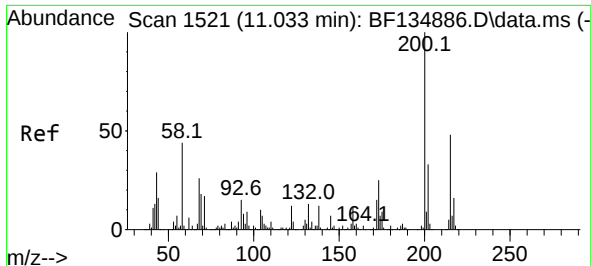
Tgt Ion:169 Resp: 130977
Ion Ratio Lower Upper
169 100
168 22.3 53.0 79.6#
167 24.0 29.0 43.6#



#67
4-Bromophenyl-phenylether
Concen: 5.228 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.070 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:248 Resp: 5673
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 593.2 49.0 73.4#

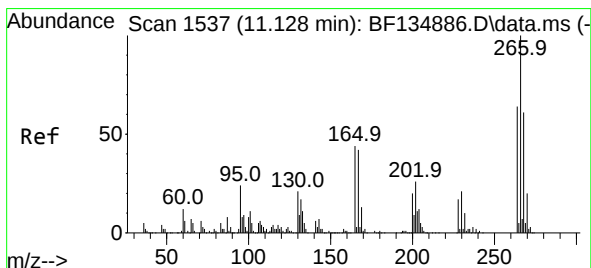
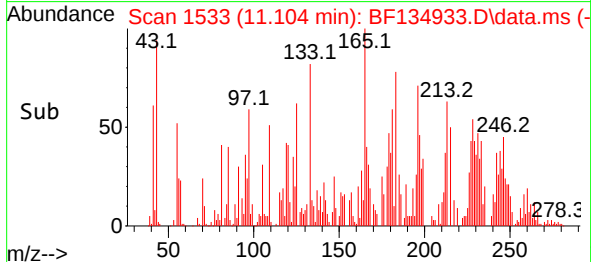
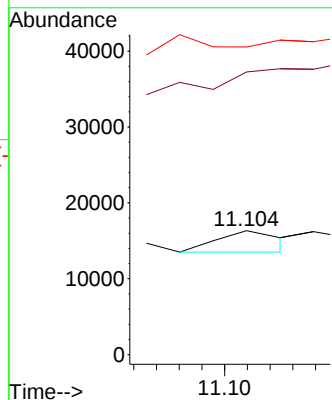
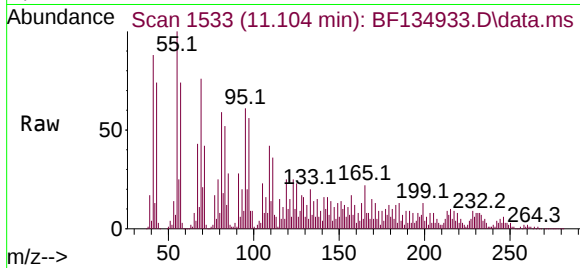




#69
 Atrazine
 Concen: 2.661 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. 0.071 min
 Lab File: BF134933.D
 Acq: 24 Aug 2023 19:56

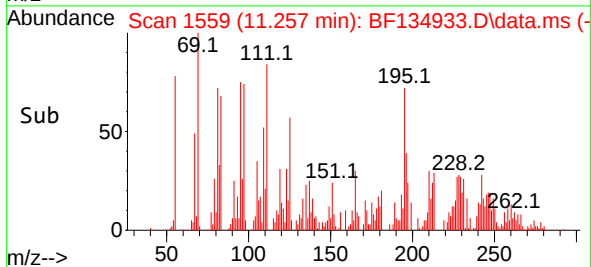
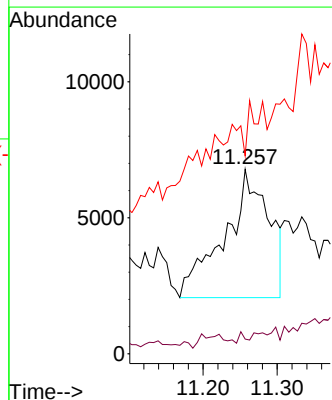
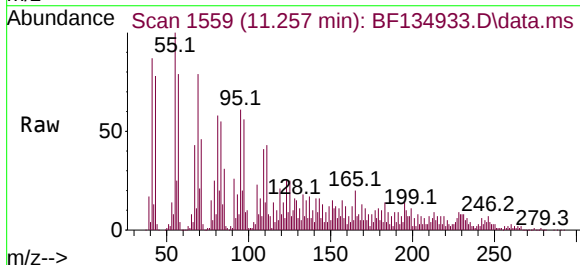
Instrument :
 BNA_F
 ClientSampleId :
 RT2674

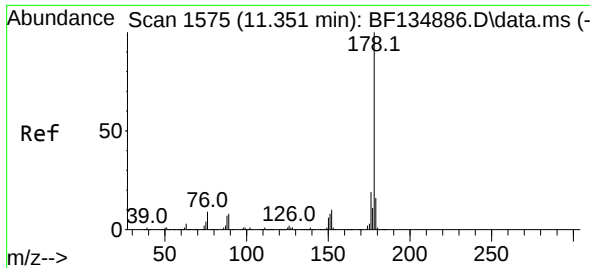
Tgt Ion:200 Resp: 2189
 Ion Ratio Lower Upper
 200 100
 173 228.1 5.3 45.3#
 215 248.2 28.3 68.3#



#70
 Pentachlorophenol
 Concen: 28.312 ng
 RT: 11.257 min Scan# 1559
 Delta R.T. 0.129 min
 Lab File: BF134933.D
 Acq: 24 Aug 2023 19:56

Tgt Ion:266 Resp: 19664
 Ion Ratio Lower Upper
 266 100
 268 8.0 48.9 73.3#
 264 107.2 51.0 76.6#

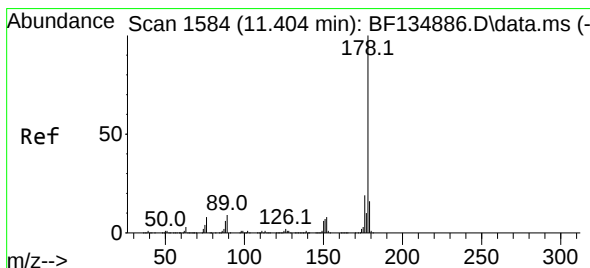
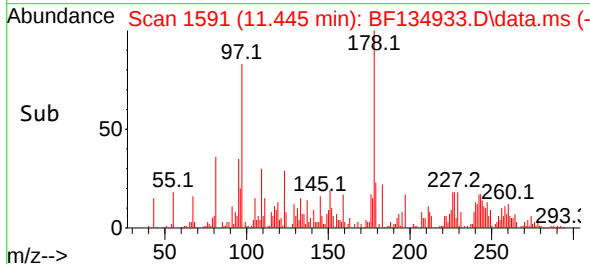
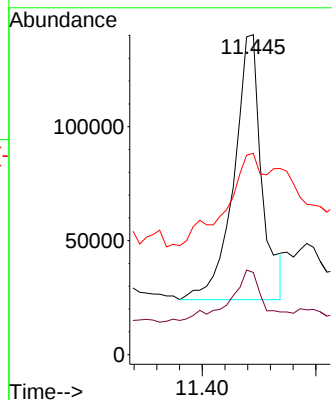
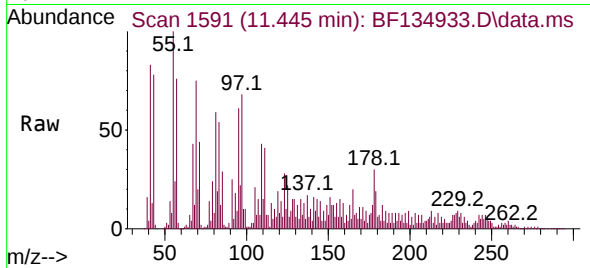




#71
Phenanthrene
Concen: 40.351 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

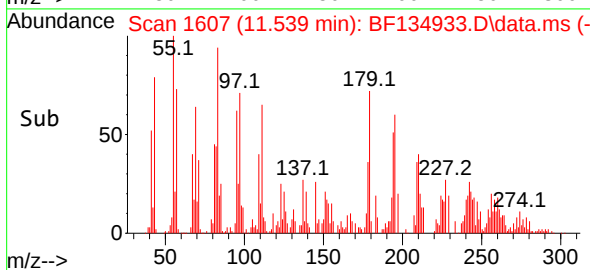
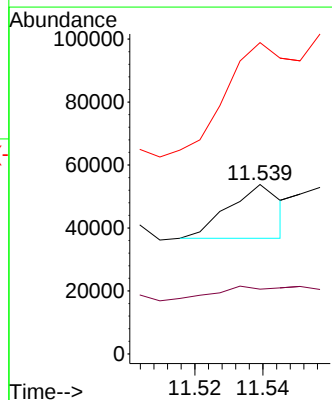
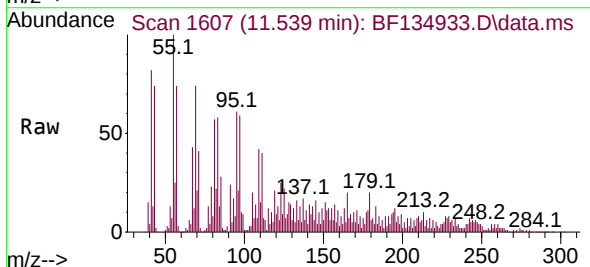
Instrument :
BNA_F
ClientSampleId :
RT2674

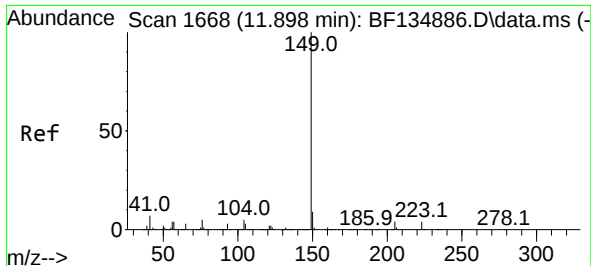
Tgt Ion:178 Resp: 198885
Ion Ratio Lower Upper
178 100
176 25.7 15.5 23.3#
179 62.9 12.6 19.0#



#72
Anthracene
Concen: 3.583 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.135 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:178 Resp: 18093
Ion Ratio Lower Upper
178 100
176 38.2 15.0 22.6#
179 183.8 12.5 18.7#

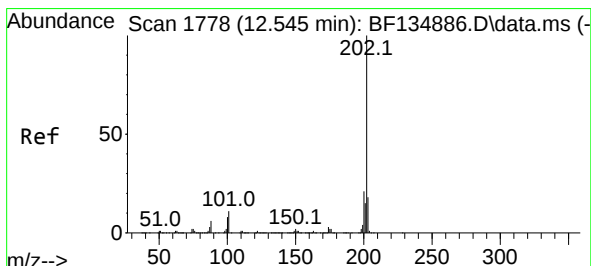
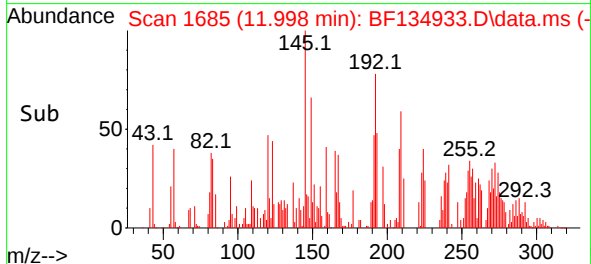
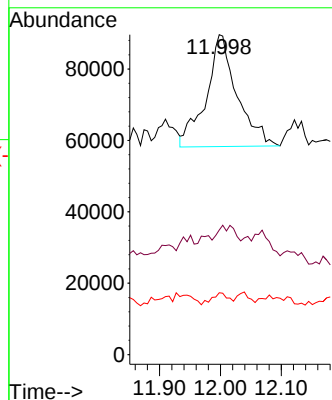
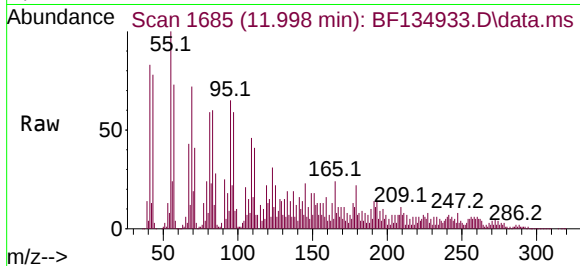




#74
Di-n-butylphthalate
Concen: 23.169 ng
RT: 11.998 min Scan# 1105
Delta R.T. 0.100 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

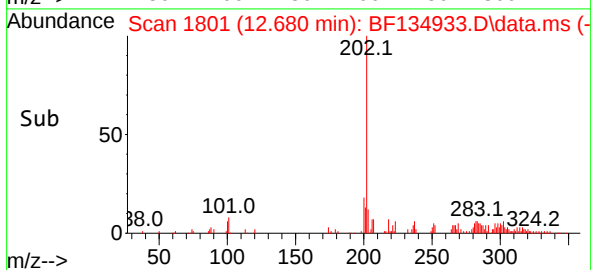
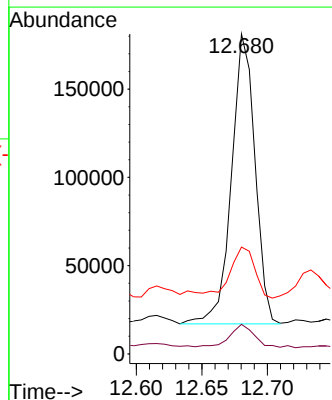
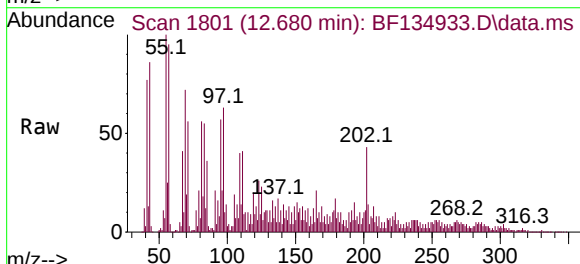
Instrument :
BNA_F
ClientSampleId :
RT2674

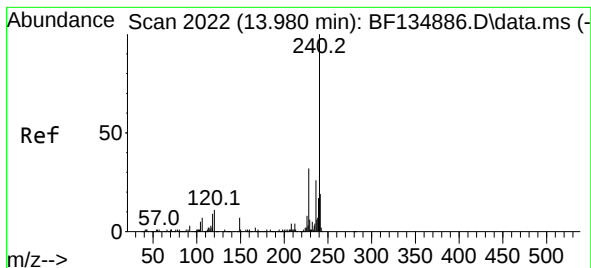
Tgt Ion:149 Resp: 110577
Ion Ratio Lower Upper
149 100
150 38.9 7.4 11.2#
104 19.3 4.1 6.1#



#75
Fluoranthene
Concen: 43.830 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.135 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:202 Resp: 204693
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 33.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. 0.065 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

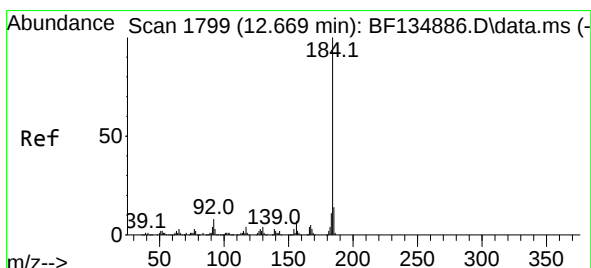
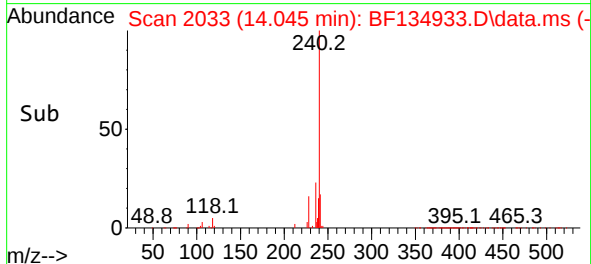
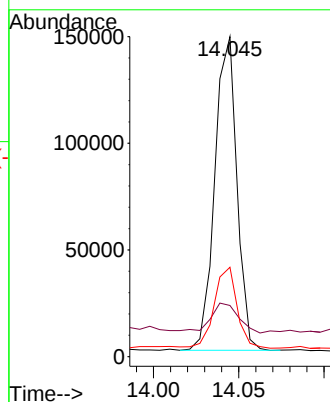
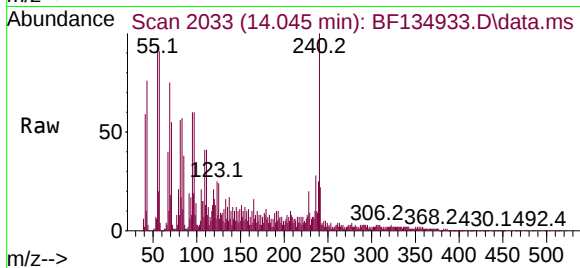
Tgt Ion:240 Resp: 132581

Ion Ratio Lower Upper

240 100

120 16.0 8.6 12.8#

236 27.9 20.6 31.0



#77

Benzidine

Concen: 4.906 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.070 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

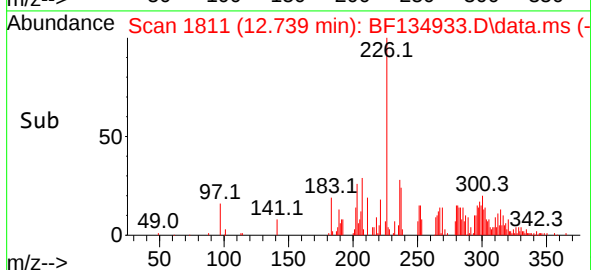
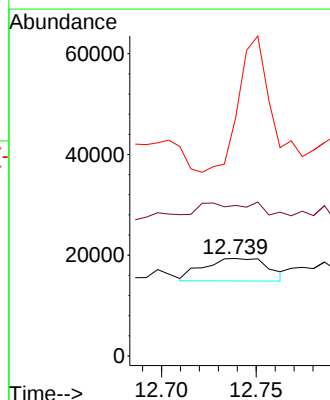
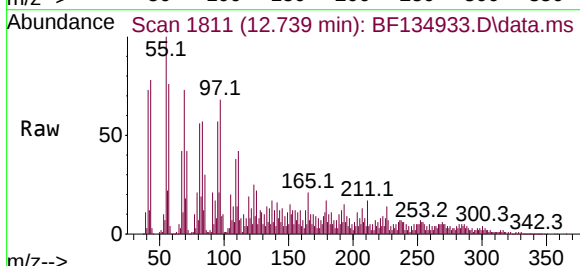
Tgt Ion:184 Resp: 10553

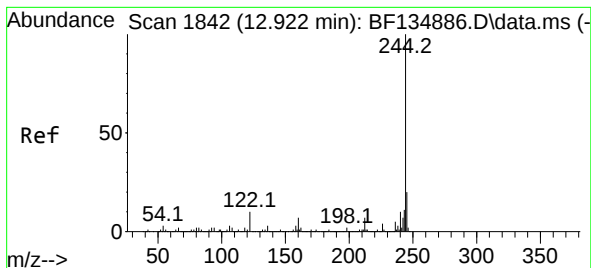
Ion Ratio Lower Upper

184 100

185 154.4 11.4 17.0#

183 244.0 9.0 13.4#





#79

Terphenyl-d14

Concen: 10.190 ng

RT: 13.033 min Scan# 1842

Delta R.T. 0.111 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

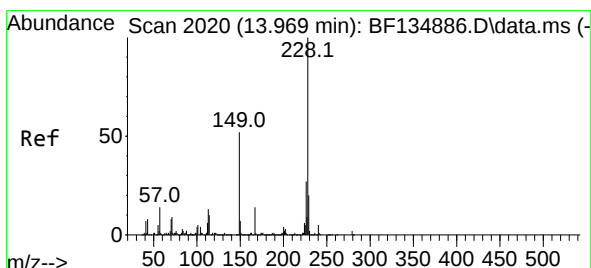
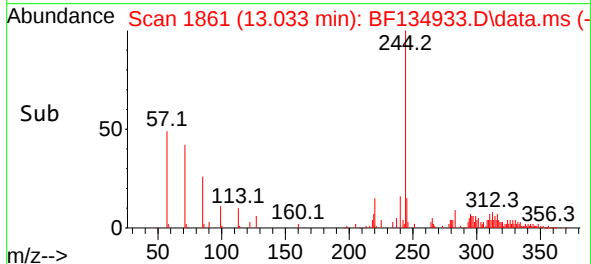
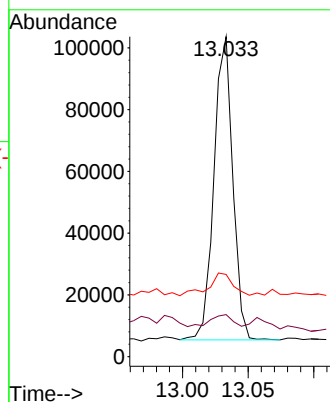
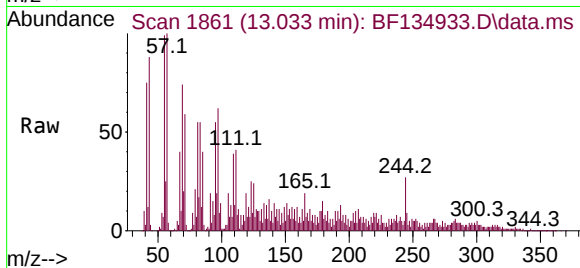
Tgt Ion:244 Resp: 98223

Ion Ratio Lower Upper

244 100

212 13.1 5.4 8.0#

122 25.7 8.2 12.4#



#81

Benzo(a)anthracene

Concen: 13.678 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.065 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

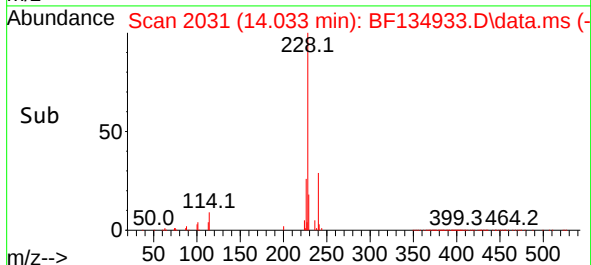
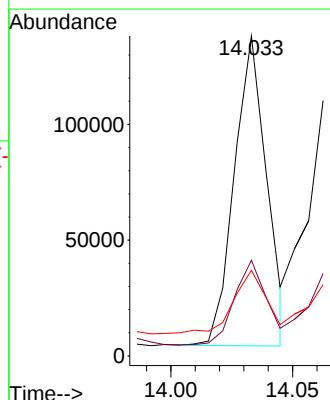
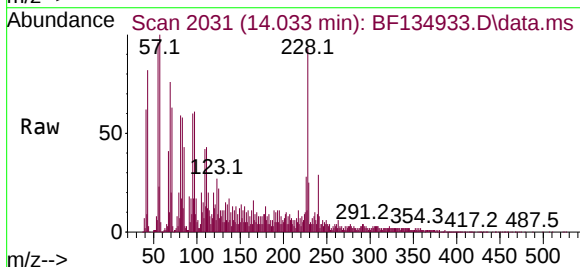
Tgt Ion:228 Resp: 123727

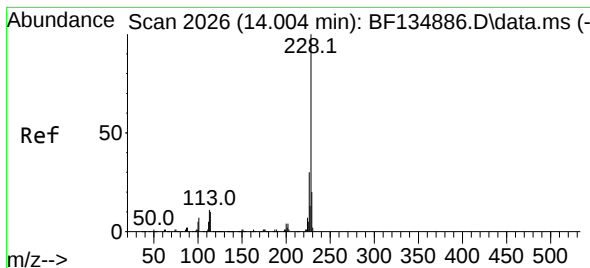
Ion Ratio Lower Upper

228 100

226 29.9 21.8 32.6

229 26.7 15.6 23.4#





#83

Chrysene

Concen: 17.239 ng

RT: 14.068 min Scan# 20

Delta R.T. 0.064 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

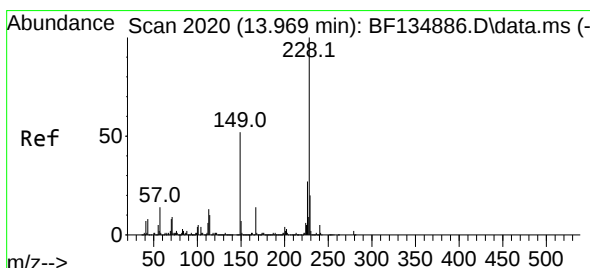
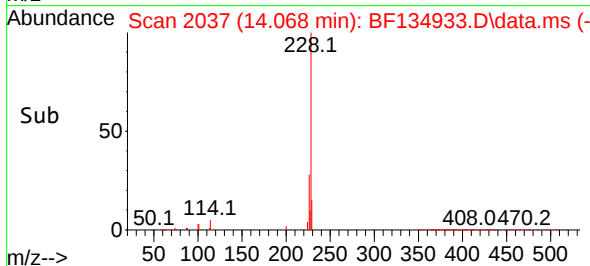
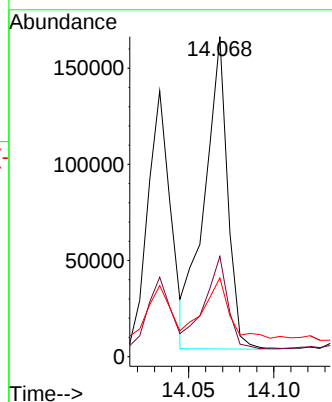
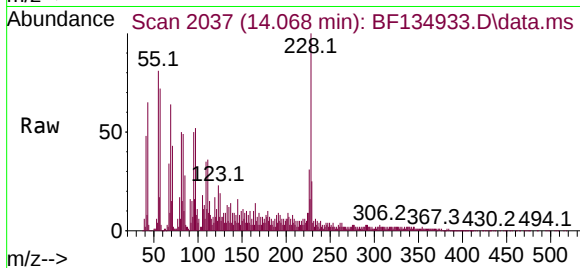
Tgt Ion:228 Resp: 153856

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.2

229 24.6 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.632 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.035 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

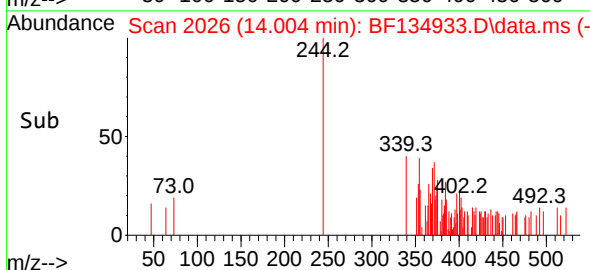
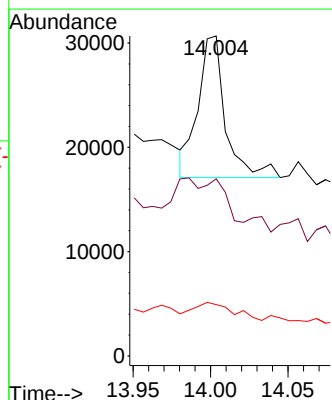
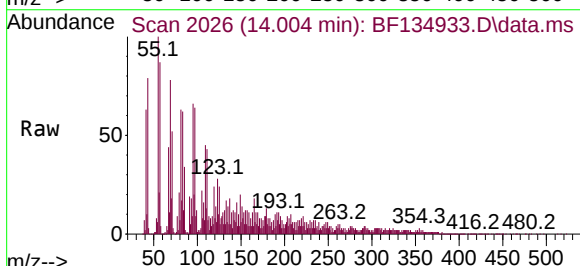
Tgt Ion:149 Resp: 16852

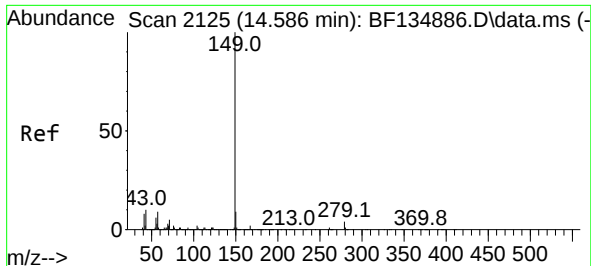
Ion Ratio Lower Upper

149 100

167 55.3 22.1 33.1#

279 16.0 3.6 5.4#

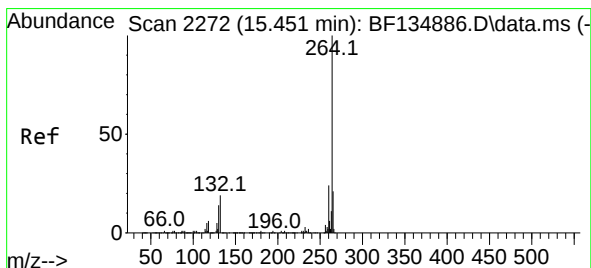
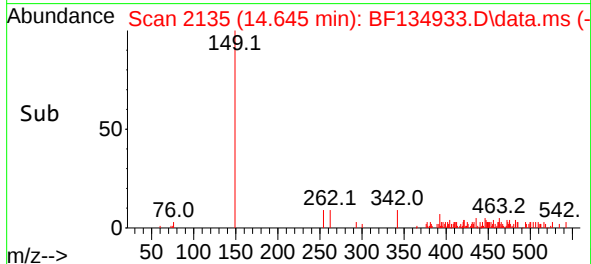
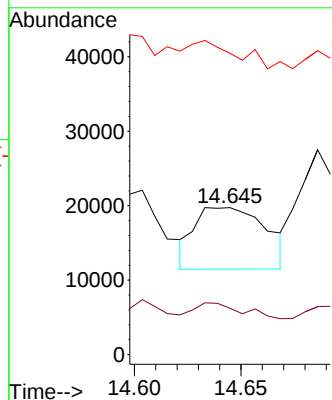
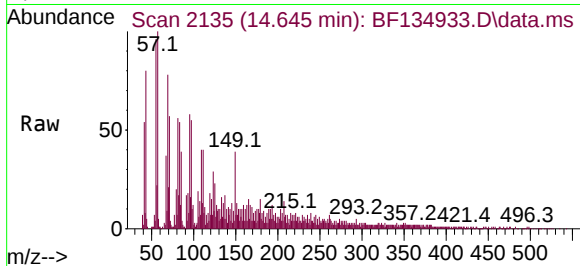




#85
Di-n-octyl phthalate
Concen: 2.532 ng
RT: 14.645 min Scan# 2125
Delta R.T. 0.059 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

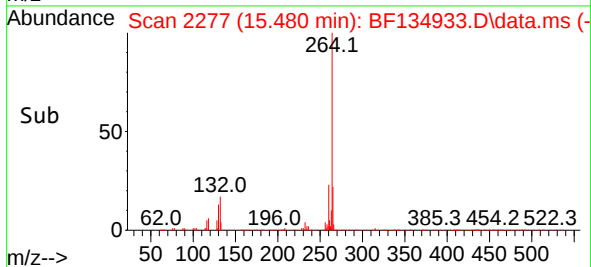
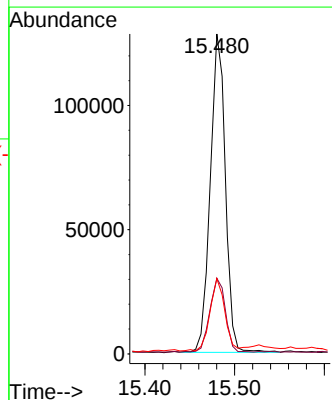
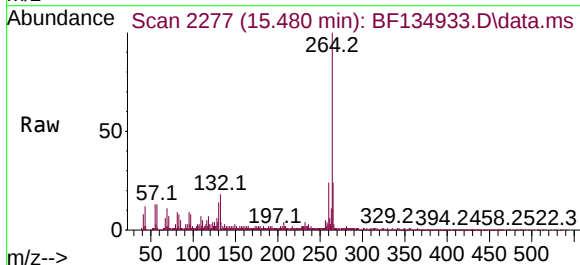
Instrument :
BNA_F
ClientSampleId :
RT2674

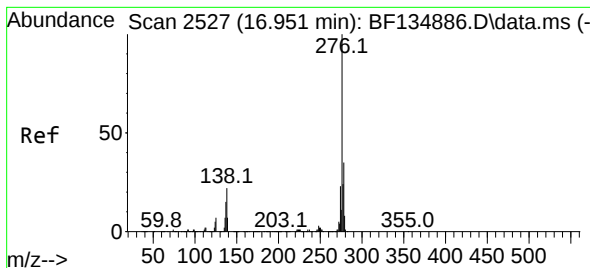
Tgt Ion:149 Resp: 19152
Ion Ratio Lower Upper
149 100
167 16.8 1.2 1.8#
43 0.0 8.3 12.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.029 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:264 Resp: 150036
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 23.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.158 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

Instrument :

BNA_F

ClientSampleId :

RT2674

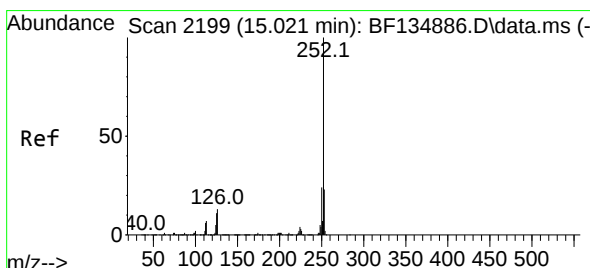
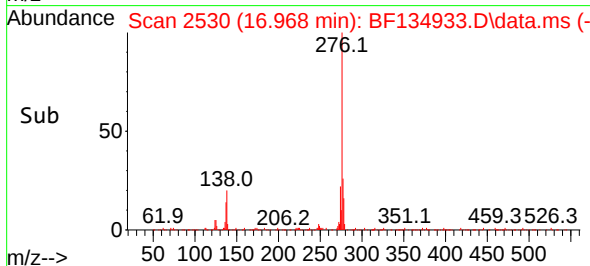
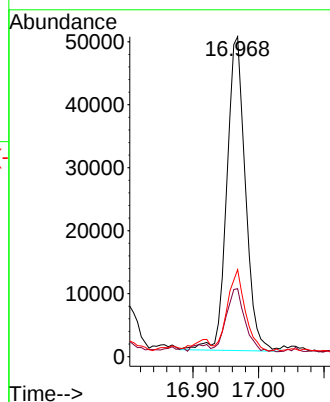
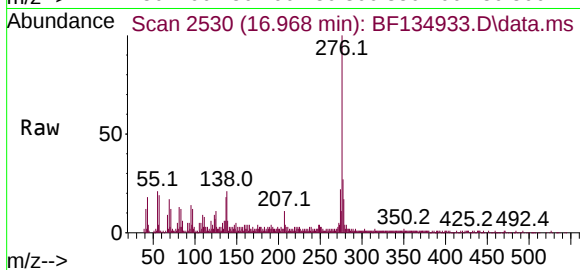
Tgt Ion:276 Resp: 98209

Ion Ratio Lower Upper

276 100

138 20.5 19.7 29.5

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 32.559 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.035 min

Lab File: BF134933.D

Acq: 24 Aug 2023 19:56

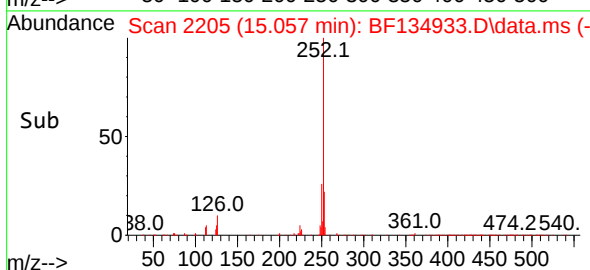
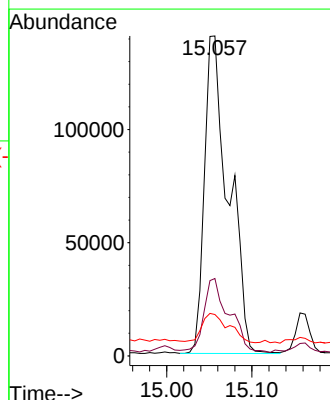
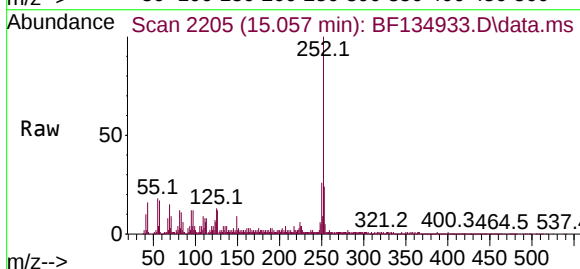
Tgt Ion:252 Resp: 275614

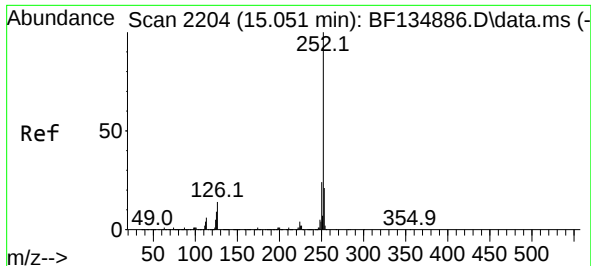
Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

125 12.9 8.4 12.6#

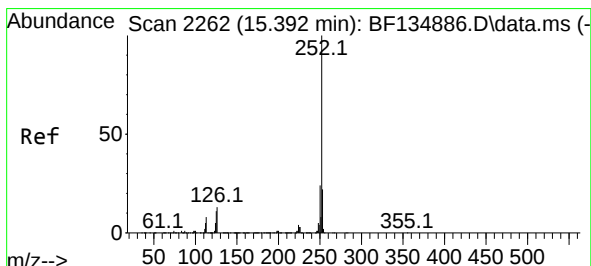
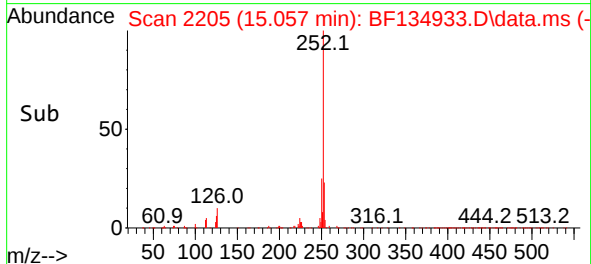
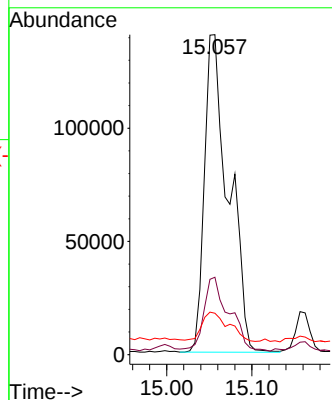
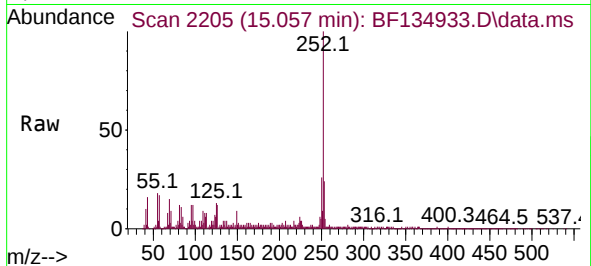




#89
Benzo(k)fluoranthene
Concen: 33.157 ng
RT: 15.057 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

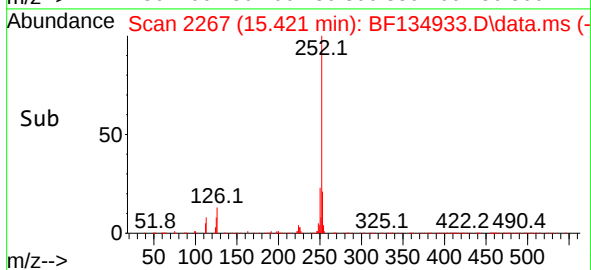
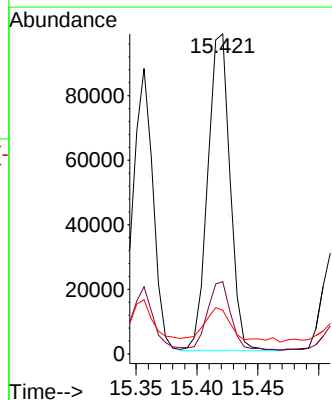
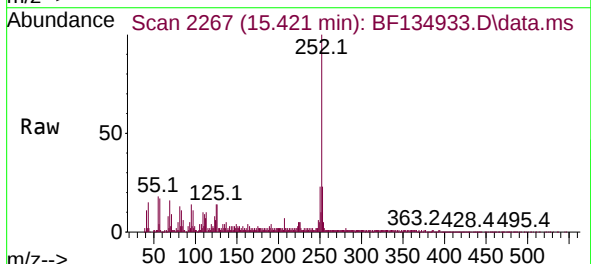
Instrument :
BNA_F
ClientSampleId :
RT2674

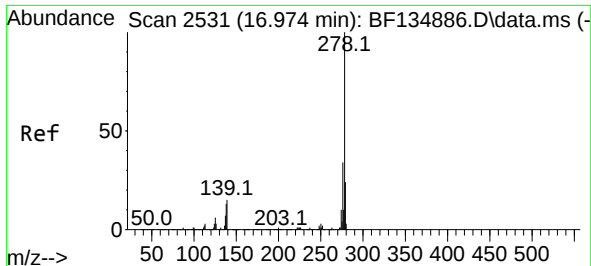
Tgt Ion:252 Resp: 275614
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 12.9 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 14.827 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.029 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:252 Resp: 125290
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 13.6 8.4 12.6#

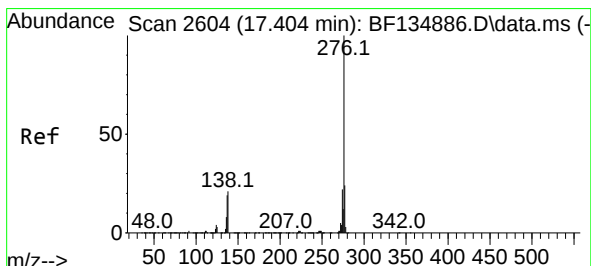
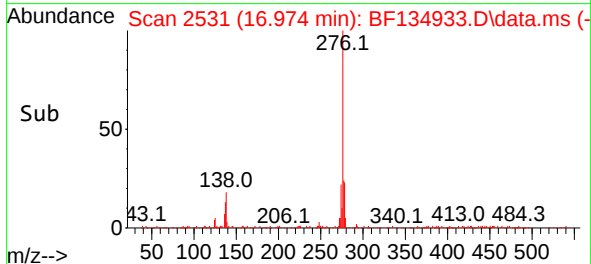
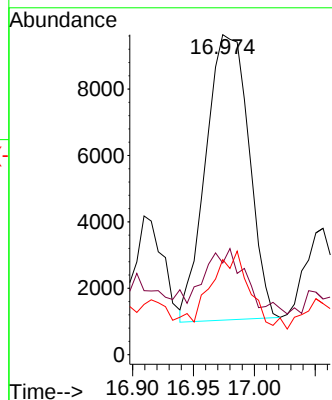
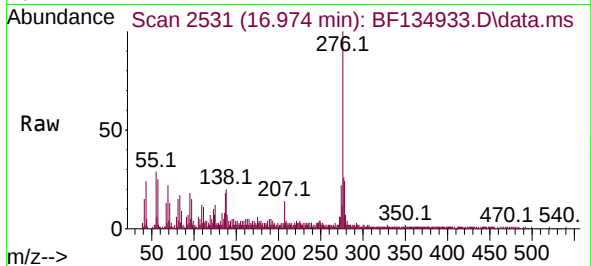




#91
Dibenzo(a,h)anthracene
Concen: 2.432 ng
RT: 16.974 min Scan# 21107
Delta R.T. -0.000 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Instrument :
BNA_F
ClientSampleId :
RT2674

Tgt Ion:278 Resp: 21107
Ion Ratio Lower Upper
278 100
139 28.6 12.2 18.4#
279 29.7 19.1 28.7#



#92
Benzo(g,h,i)perylene
Concen: 10.591 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.017 min
Lab File: BF134933.D
Acq: 24 Aug 2023 19:56

Tgt Ion:276 Resp: 94079
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 21.3 17.0 25.6

