

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134832.D
 Acq On : 18 Aug 2023 10:00
 Operator : CG\JU
 Sample : 04047-01 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z26-27

Quant Time: Aug 18 11:05:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	8557	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	23349	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	26182	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	22336	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	15814	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	14838	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	43494	77.265	ng	-0.01
7) Phenol-d6	6.422	99	55844	77.605	ng	-0.02
23) Nitrobenzene-d5	7.351	82	35087	93.909	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	9962	37.325	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	68858	43.728	ng	-0.02
79) Terphenyl-d14	12.910	244	47851	53.342	ng	-0.01
Target Compounds						
					Qvalue	
6) Aniline	6.481	93	2820	2.988	ng	# 1
9) Benzaldehyde	6.351	77	81779	Below Cal		# 1
10) Phenol	6.434	94	1974	2.784	ng	# 69
11) bis(2-Chloroethyl)ether	6.481	93	2868	5.091	ng	# 1
15) Benzyl Alcohol	6.975	79	10054	20.253	ng	# 1
17) 2-Methylphenol	7.039	107	1772	3.531	ng	# 1
18) Hexachloroethane	7.281	117	18244	88.280	ng	# 1
19) n-Nitroso-di-n-propyla...	7.204	70	3443	7.991	ng	# 69
22) Acetophenone	7.187	105	39028	72.404	ng	# 51
24) Nitrobenzene	7.404	77	25534	63.258	ng	# 7
25) Isophorone	7.639	82	2433	2.986	ng	# 1
26) 2-Nitrophenol	7.692	139	1126	10.693	ng	# 1
27) 2,4-Dimethylphenol	7.728	122	3424	9.417	ng	# 32
28) bis(2-Chloroethoxy)met...	7.816	93	7353	15.084	ng	# 45
29) 2,4-Dichlorophenol	7.934	162	1150	3.485	ng	# 1
31) Naphthalene	8.134	128	10692460	9111.776	ng	95
32) Benzoic acid	7.863	122	2431	16.436	ng	# 1
33) 4-Chloroaniline	8.134	127	1557074	2977.947	ng	# 34
35) Caprolactam	8.498	113	15285	143.558	ng	# 2
36) 4-Chloro-3-methylphenol	8.598	107	1300	3.720	ng	# 1
37) 2-Methylnaphthalene	8.810	142	3789279	4871.634	ng	100
38) 1-Methylnaphthalene	8.904	142	2688312	3716.764	ng	97
44) 2,4,5-Trichlorophenol	9.098	196	1263	2.218	ng	# 1
46) 1,1'-Biphenyl	9.251	154	952827	467.992	ng	99
47) 2-Chloronaphthalene	9.257	162	10192	6.681	ng	# 1
48) 2-Nitroaniline	9.351	65	25362	52.973	ng	# 33
49) Acenaphthylene	9.692	152	389330	162.354	ng	# 88
50) Dimethylphthalate	9.528	163	6206	3.478	ng	# 7
51) 2,6-Dinitrotoluene	9.528	165	17854	48.788	ng	# 67
52) Acenaphthene	9.875	154	1931512	1242.900	ng	99
53) 3-Nitroaniline	9.775	138	1248	3.138	ng	# 33
54) 2,4-Dinitrophenol	9.892	184	657	12.632	ng	# 1
55) Dibenzofuran	10.033	168	212809	96.196	ng	# 86
56) 4-Nitrophenol	9.933	139	40691	125.086	ng	# 15
57) 2,4-Dinitrotoluene	10.033	165	16225	37.409	ng	# 57
58) Fluorene	10.386	166	1171641	727.109	ng	95

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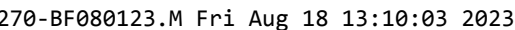
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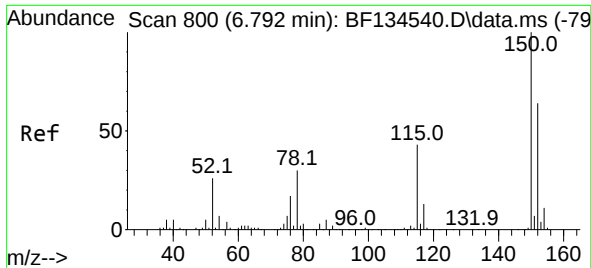
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) Diethylphthalate	10.245	149	3459	2.045	ng	# 1
62) 4-Nitroaniline	10.139	138	847	2.173	ng	88
63) Azobenzene	10.527	77	15208	8.368	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.439	198	404	12.363	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	65873	92.657	ng	# 1
71) Phenanthrene	11.357	178	3429790	2890.928	ng	98
72) Anthracene	11.404	178	1278483	1054.988	ng	99
73) Carbazole	11.551	167	49176	45.448	ng	# 86
74) Di-n-butylphthalate	11.886	149	3507	3.051	ng	# 10
75) Fluoranthene	12.539	202	1445822	1153.696	ng	96
77) Benzidine	12.639	184	1370	3.991	ng	# 1
78) Pyrene	12.774	202	2109670	1541.696	ng	96
80) Butylbenzylphthalate	13.410	149	1001	2.163	ng	# 5
81) Benzo(a)anthracene	13.998	228	762539	674.350	ng	95
82) 3,3'-Dichlorobenzidine	13.927	252	1133	3.457	ng	# 40
83) Chrysene	13.998	228	762539	692.164	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	20302	37.283	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	150035	171.929	ng	# 95
88) Benzo(b)fluoranthene	15.010	252	693902	766.781	ng	# 95
89) Benzo(k)fluoranthene	15.010	252	693902	769.732	ng	# 97
90) Benzo(a)pyrene	15.374	252	590211	699.498	ng	# 97
91) Dibenzo(a,h)anthracene	16.927	278	43544	61.743	ng	# 89
92) Benzo(g,h,i)perylene	17.362	276	164151	228.179	ng	# 91

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

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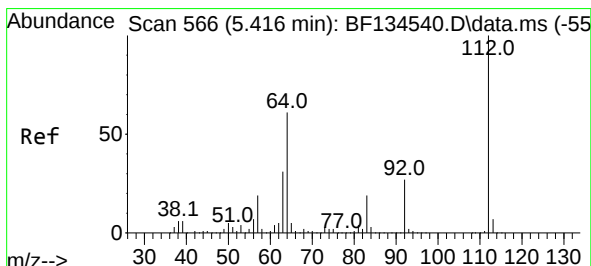
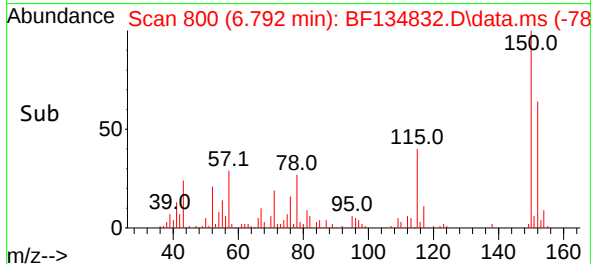
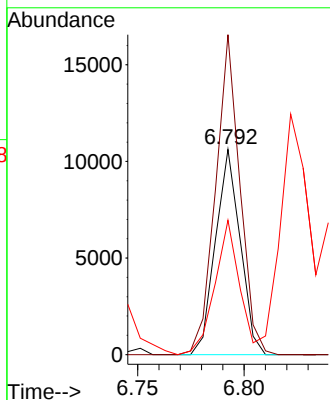
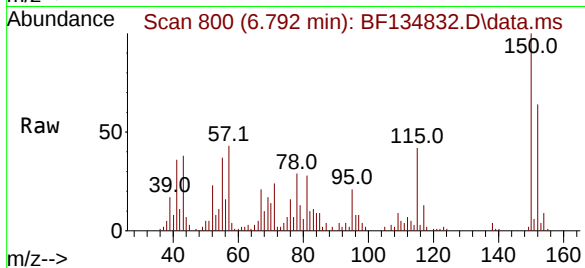




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

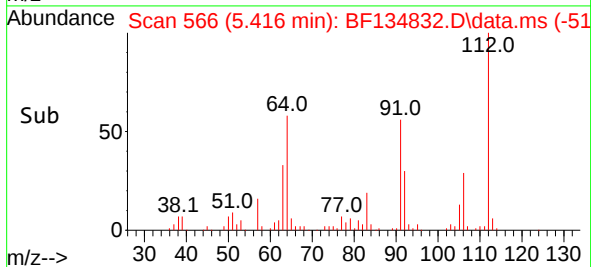
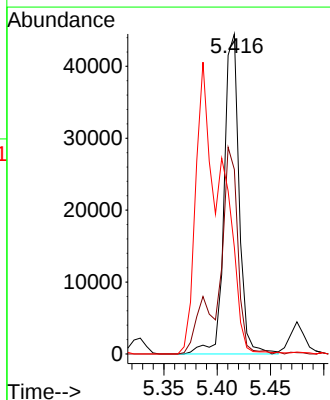
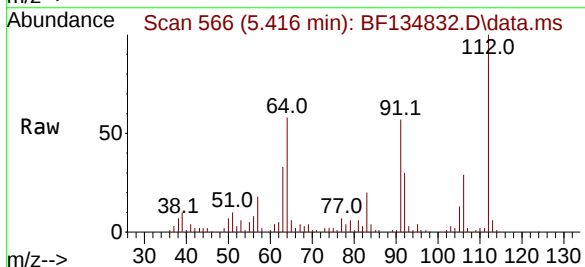
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

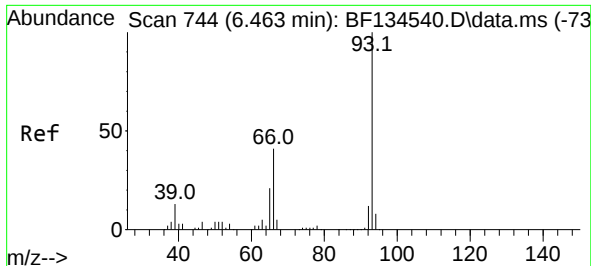
Tgt Ion:152 Resp: 8557
Ion Ratio Lower Upper
152 100
150 155.9 128.3 192.5
115 65.4 52.4 78.6



#5
2-Fluorophenol
Concen: 77.265 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:112 Resp: 43494
Ion Ratio Lower Upper
112 100
64 57.7 44.9 67.3
63 33.3 25.4 38.0





#6

Aniline

Concen: 2.988 ng

RT: 6.481 min Scan# 744

Delta R.T. 0.012 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

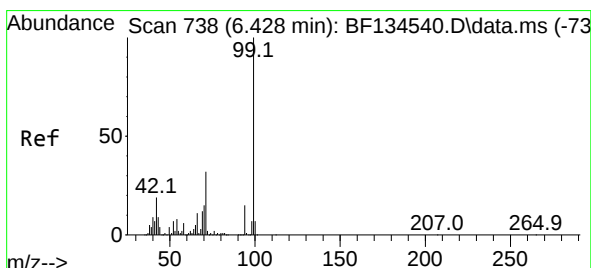
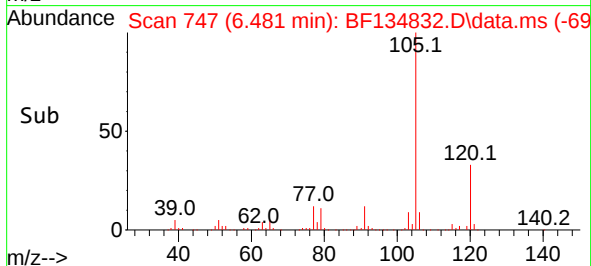
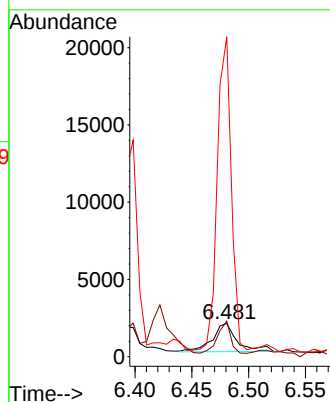
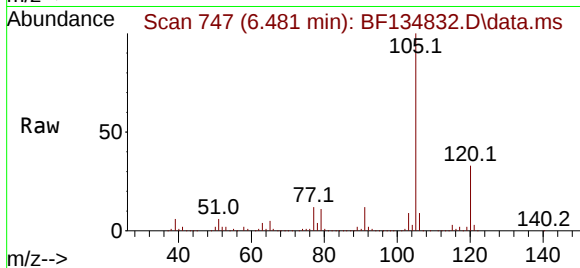
Tgt Ion: 93 Resp: 2820

Ion Ratio Lower Upper

93 100

66 106.8 36.8 55.2#

65 961.6 19.4 29.0#



#7

Phenol-d6

Concen: 77.605 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.018 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

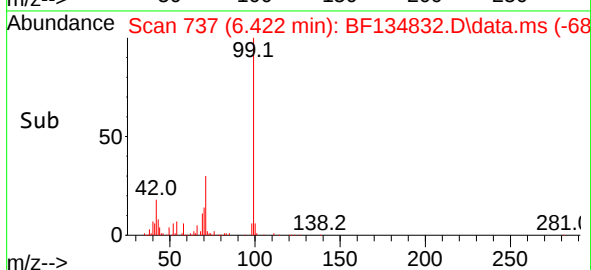
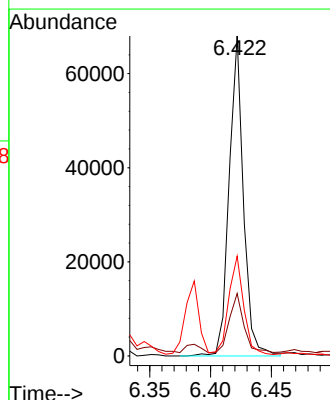
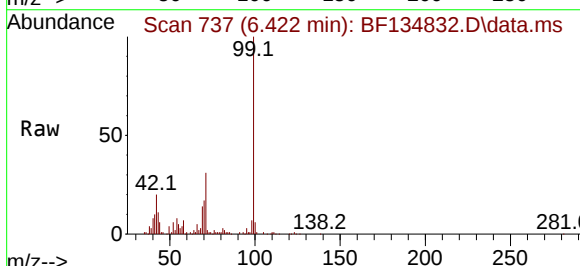
Tgt Ion: 99 Resp: 55844

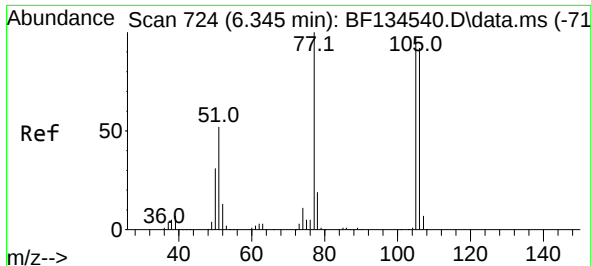
Ion Ratio Lower Upper

99 100

42 19.5 18.7 28.1

71 31.2 36.4 54.6#

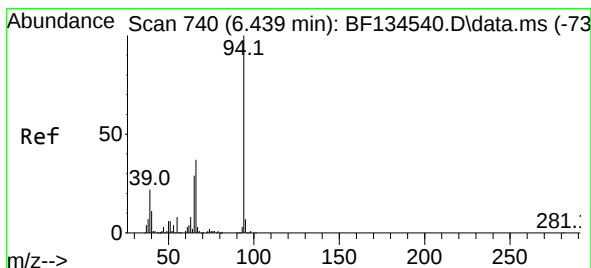
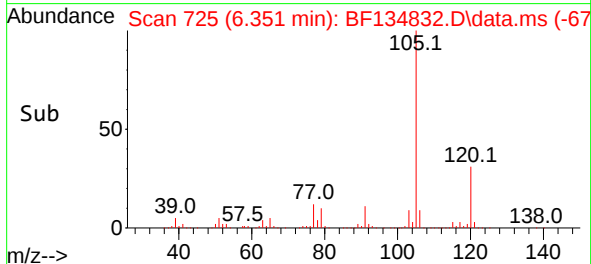
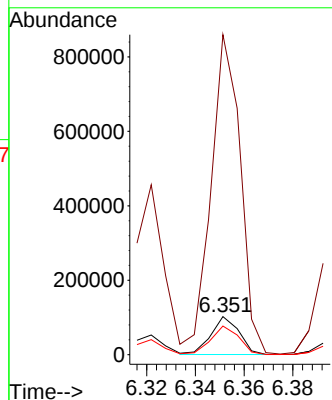
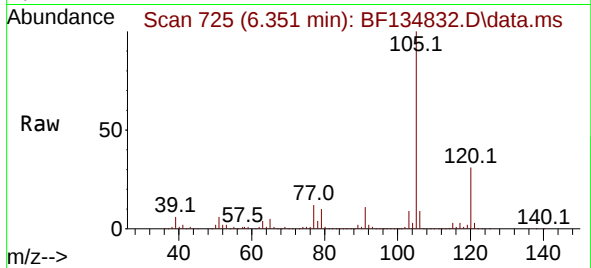




#9
Benzaldehyde
Concen: Below Cal
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

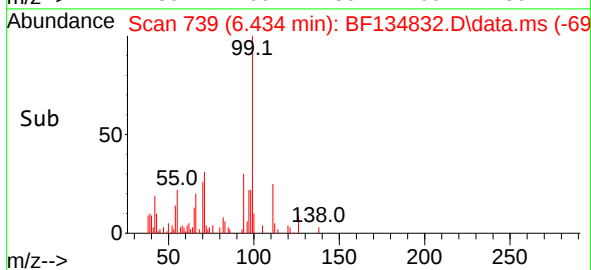
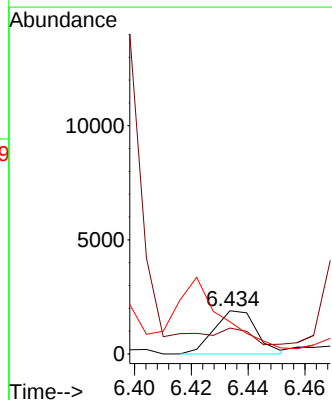
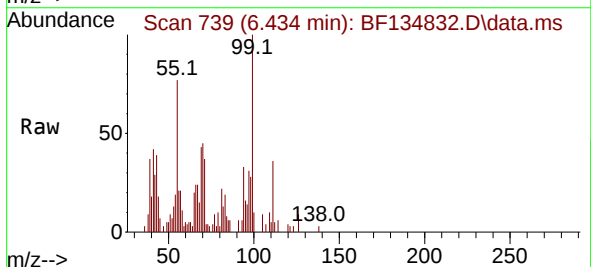
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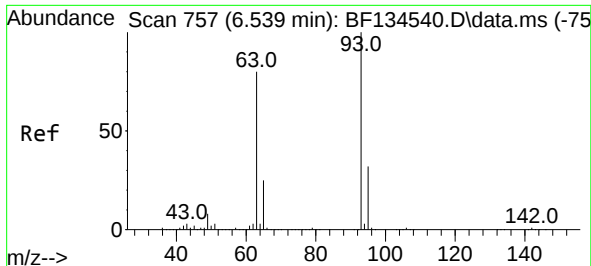
Tgt Ion: 77 Resp: 81779
Ion Ratio Lower Upper
77 100
105 841.5 77.1 117.1#
106 75.3 71.4 111.4



#10
Phenol
Concen: 2.784 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 94 Resp: 1974
Ion Ratio Lower Upper
94 100
65 59.8 17.8 57.8#
66 74.4 35.2 75.2

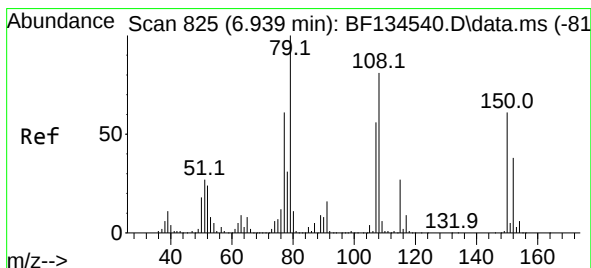
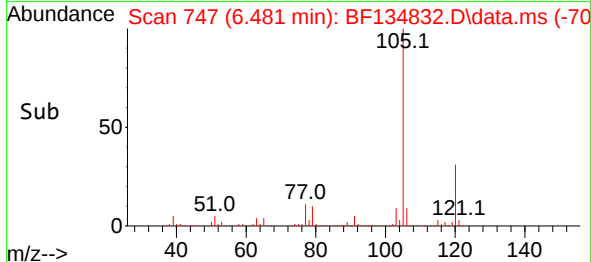
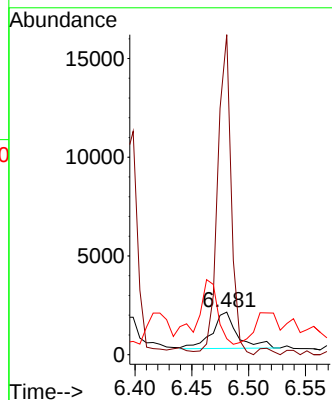
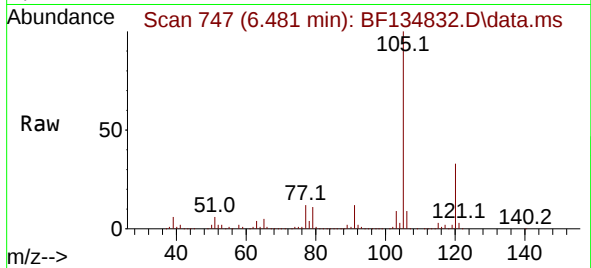




#11
bis(2-Chloroethyl)ether
Concen: 5.091 ng
RT: 6.481 min Scan# 741
Delta R.T. -0.065 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

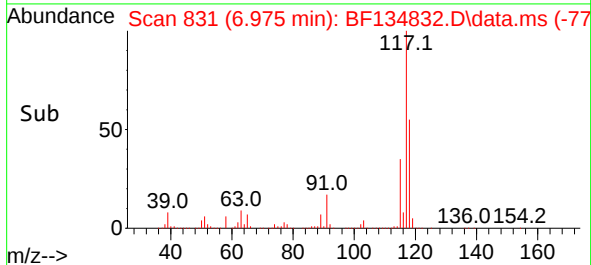
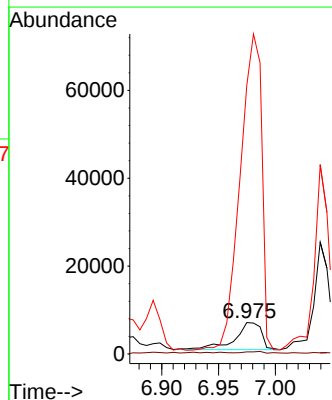
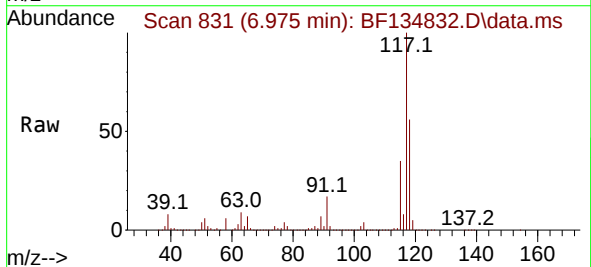
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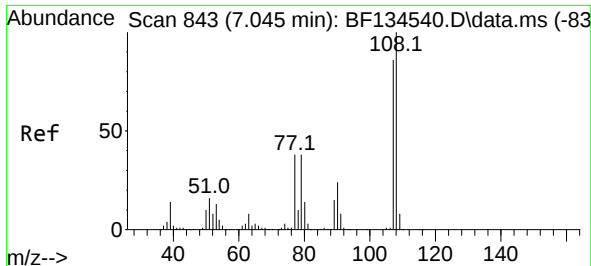
Tgt Ion: 93 Resp: 2868
Ion Ratio Lower Upper
93 100
63 752.4 68.4 108.4#
95 37.6 12.4 52.4



#15
Benzyl Alcohol
Concen: 20.253 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 79 Resp: 10054
Ion Ratio Lower Upper
79 100
108 6.7 56.3 84.5#
77 856.7 50.6 76.0#

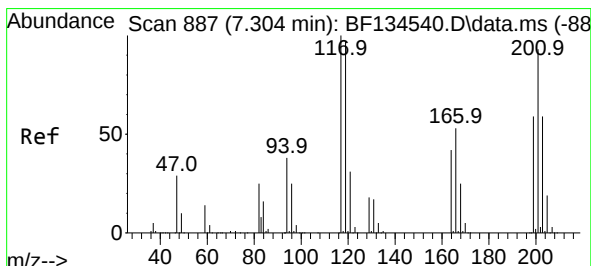
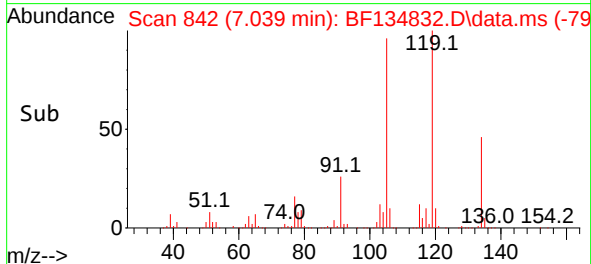
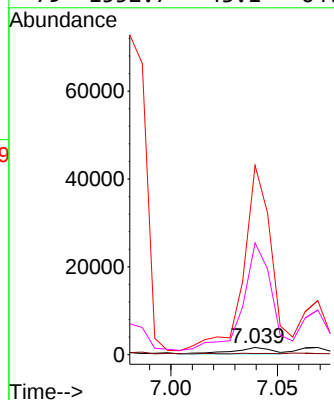
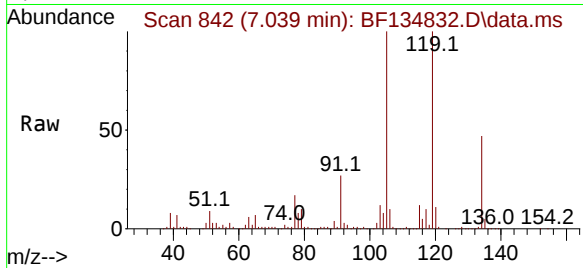




#17
2-Methylphenol
Concen: 3.531 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

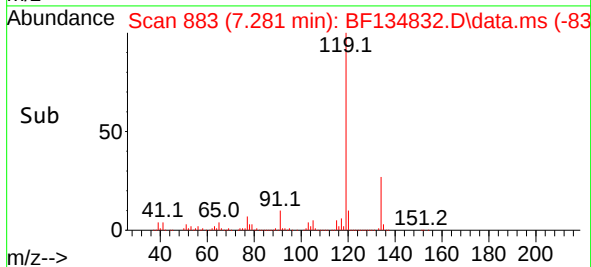
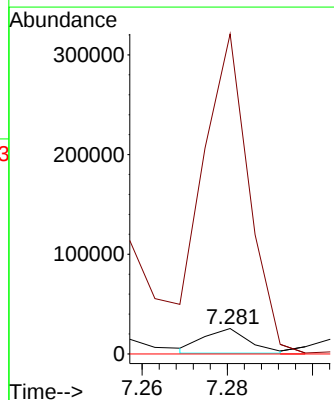
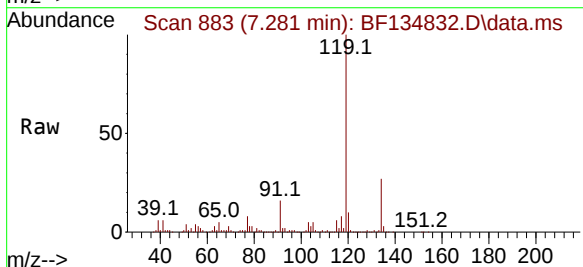
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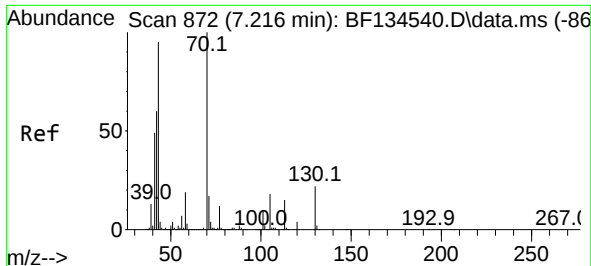
Tgt Ion:107 Resp: 1772
Ion Ratio Lower Upper
107 100
108 16.5 89.4 134.2#
77 2628.3 42.4 63.6#
79 1552.7 43.1 64.7#



#18
Hexachloroethane
Concen: 88.280 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:117 Resp: 18244
Ion Ratio Lower Upper
117 100
119 1261.2 75.8 113.8#
201 0.0 73.6 110.4#

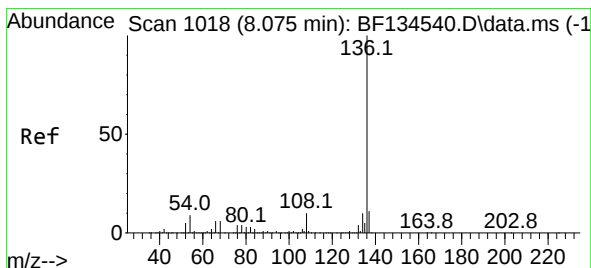
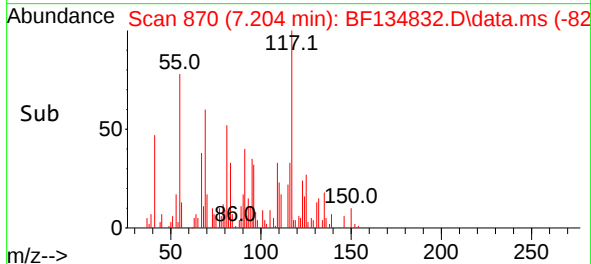
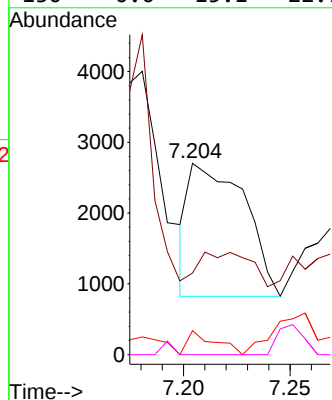
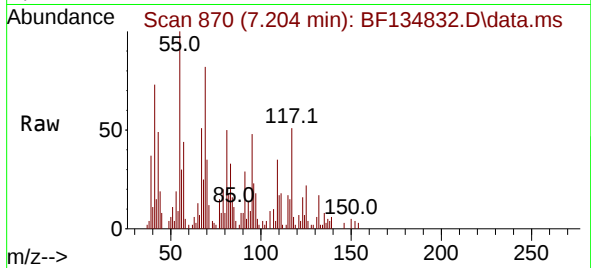




#19
n-Nitroso-di-n-propylamine
Concen: 7.991 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

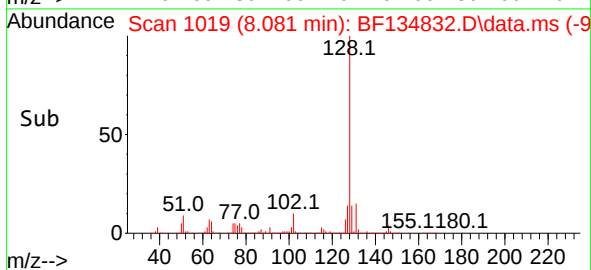
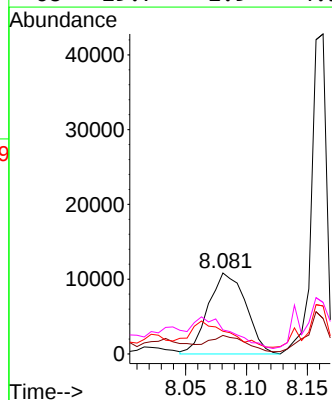
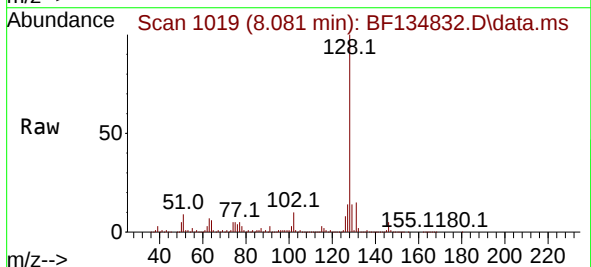
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

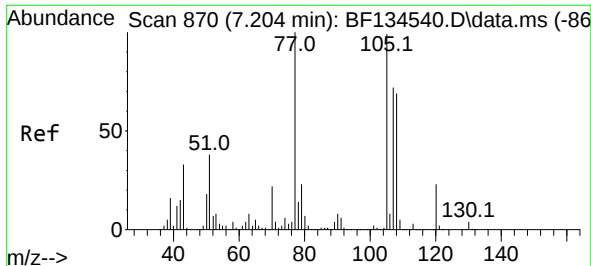
Tgt Ion: 70	Resp:	3443
Ion Ratio	Lower	Upper
70	100	
42	42.6	54.7 82.1#
101	12.5	8.2 12.2#
130	0.0	15.1 22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 136	Resp:	23349
Ion Ratio	Lower	Upper
136	100	
137	22.9	8.4 12.6#
54	28.1	5.2 7.8#
68	29.7	2.9 4.3#

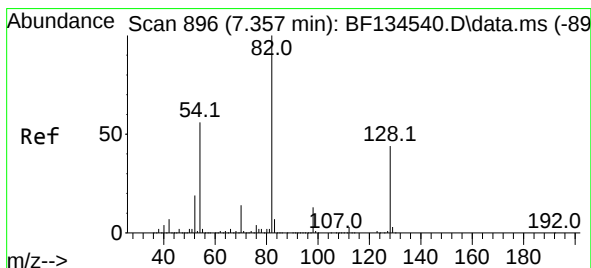
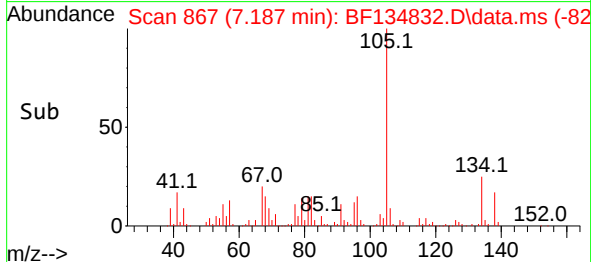
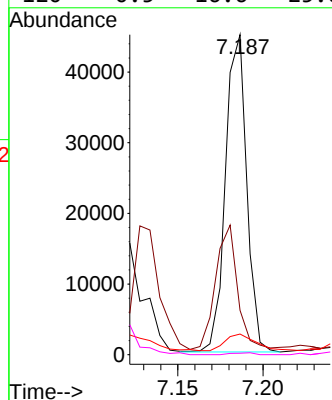
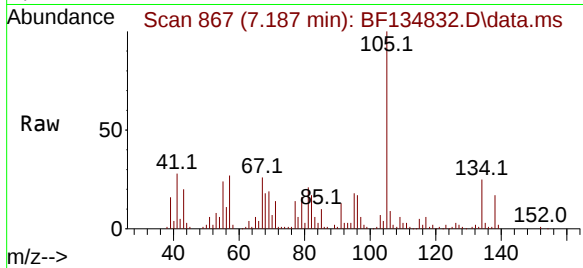




#22
Acetophenone
Concen: 72.404 ng
RT: 7.187 min Scan# 810
Delta R.T. -0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

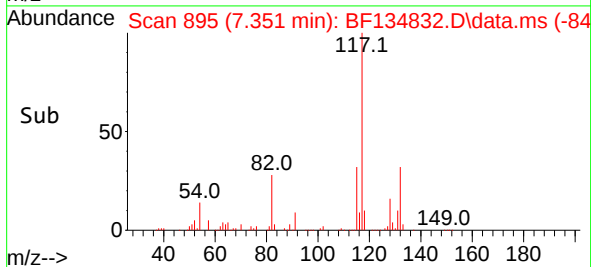
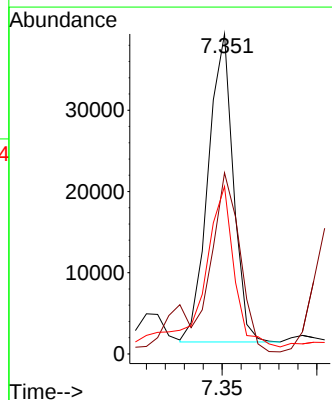
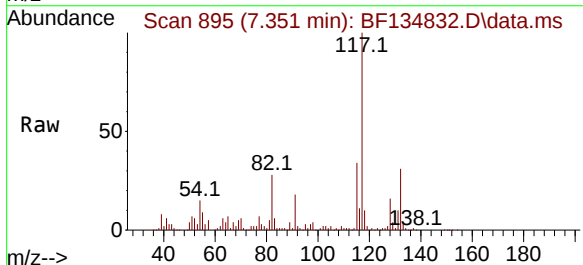
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

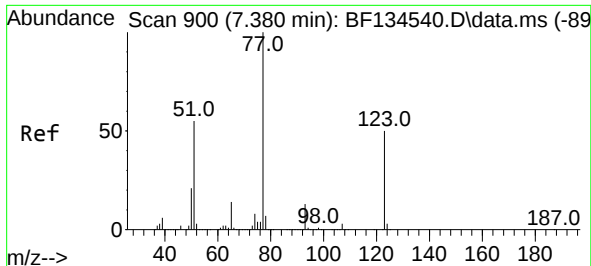
Tgt Ion:105 Resp: 39028
Ion Ratio Lower Upper
105 100
71 13.9 7.4 11.0#
51 6.5 36.4 54.6#
120 0.5 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 93.909 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 82 Resp: 35087
Ion Ratio Lower Upper
82 100
128 56.6 34.3 51.5#
54 52.4 43.8 65.6

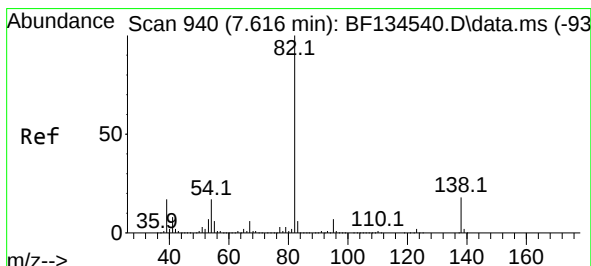
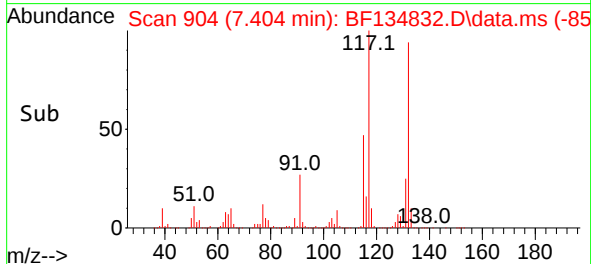
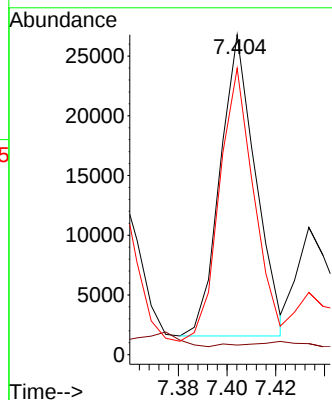
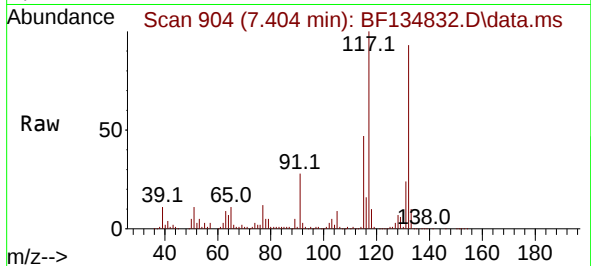




#24
Nitrobenzene
Concen: 63.258 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

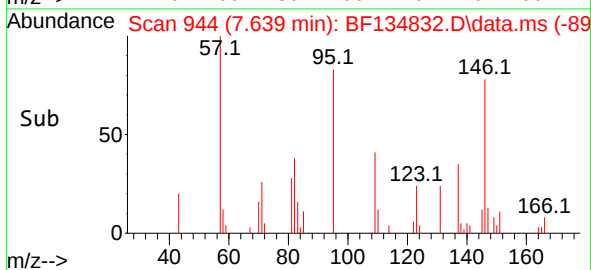
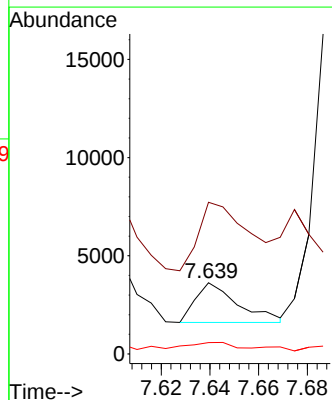
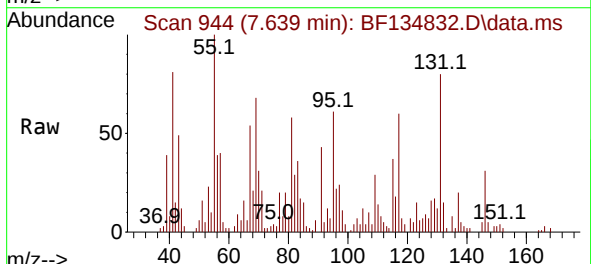
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

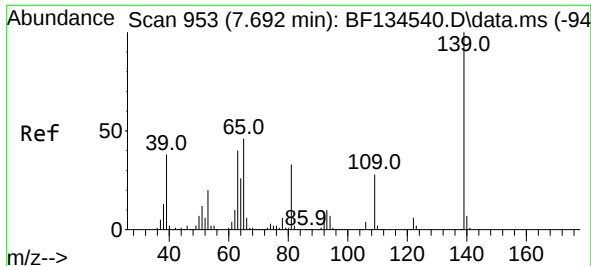
Tgt Ion: 77 Resp: 25534
Ion Ratio Lower Upper
77 100
123 3.0 35.5 53.3#
65 89.5 11.9 17.9#



#25
Isophorone
Concen: 2.986 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 82 Resp: 2433
Ion Ratio Lower Upper
82 100
95 213.2 6.0 9.0#
138 16.1 14.6 22.0

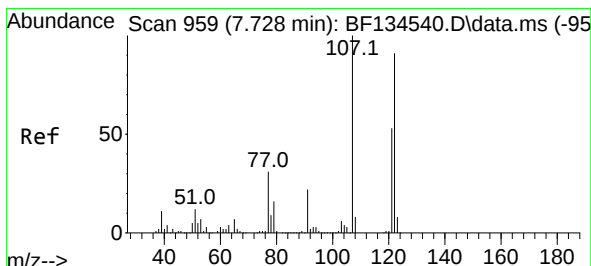
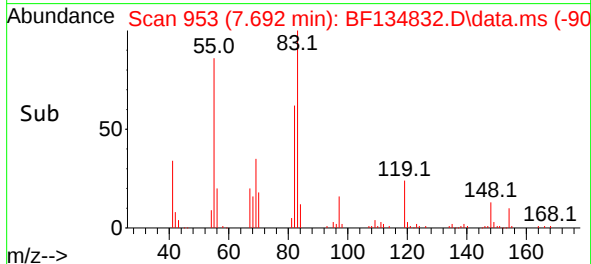
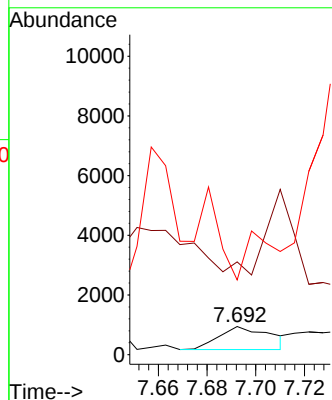
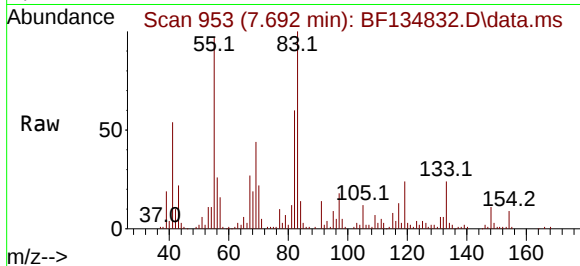




#26
2-Nitrophenol
Concen: 10.693 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

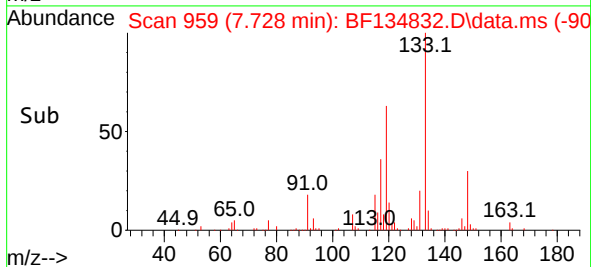
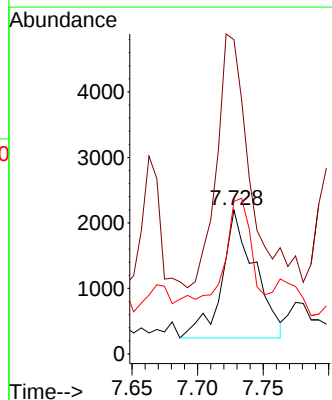
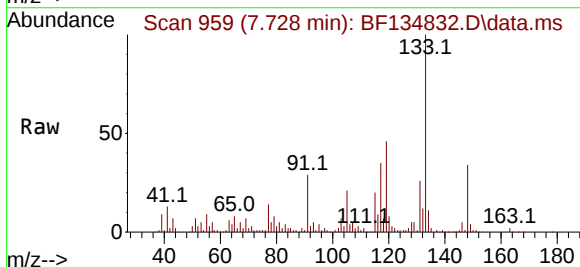
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

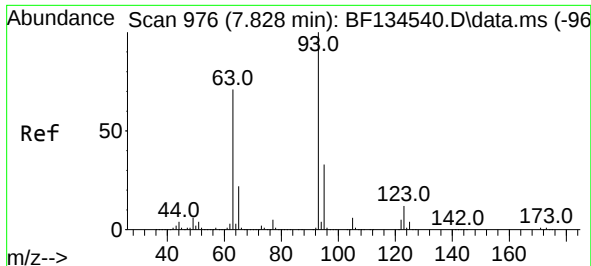
Tgt Ion:139 Resp: 1126
Ion Ratio Lower Upper
139 100
109 329.9 29.8 44.6#
65 265.6 45.4 68.2#



#27
2,4-Dimethylphenol
Concen: 9.417 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:122 Resp: 3424
Ion Ratio Lower Upper
122 100
107 218.4 106.7 160.1#
121 106.1 49.0 73.6#

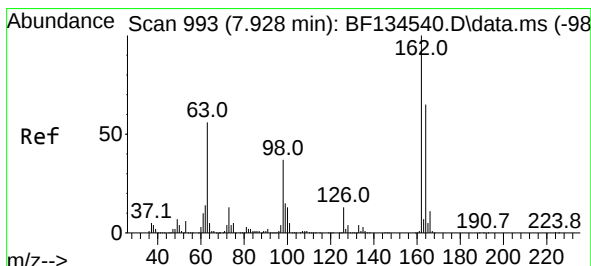
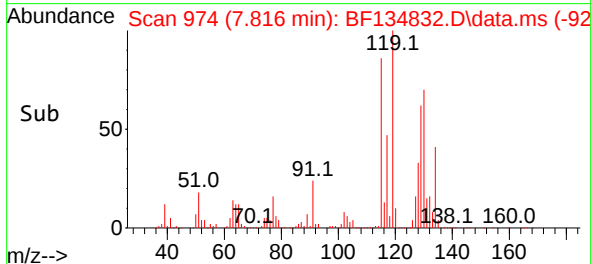
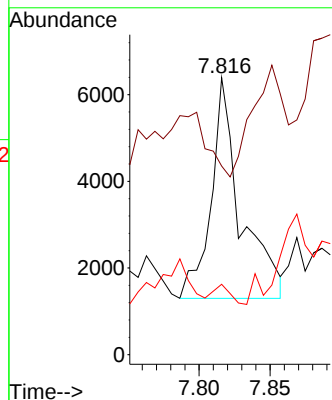
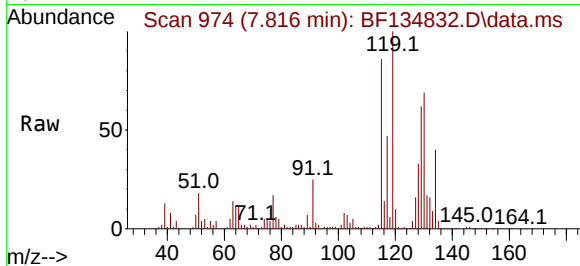




#28
bis(2-Chloroethoxy)methane
Concen: 15.084 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

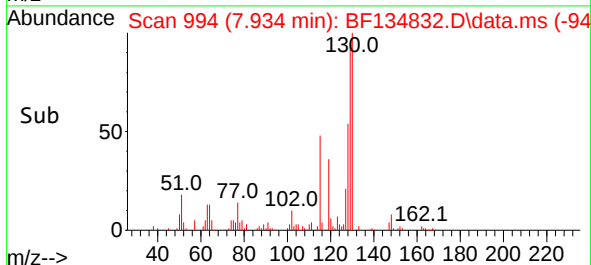
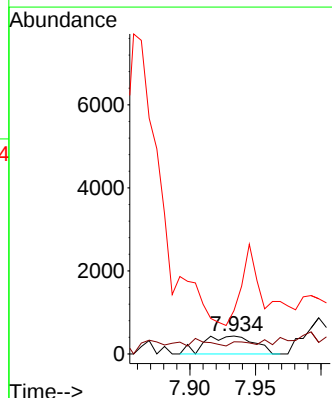
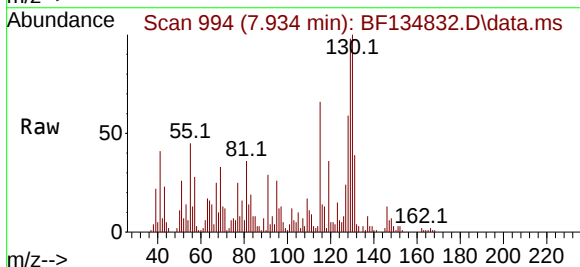
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

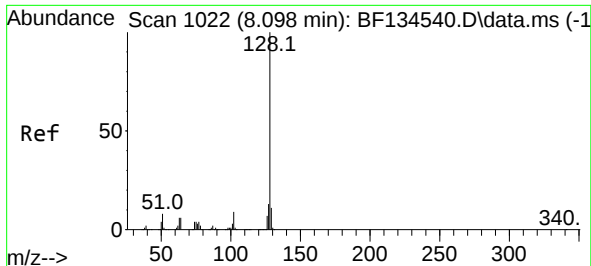
Tgt Ion: 93 Resp: 7353
Ion Ratio Lower Upper
93 100
95 68.1 26.5 39.7#
123 25.4 9.6 14.4#



#29
2,4-Dichlorophenol
Concen: 3.485 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 162 Resp: 1150
Ion Ratio Lower Upper
162 100
164 67.7 42.2 82.2
98 241.6 15.5 55.5#

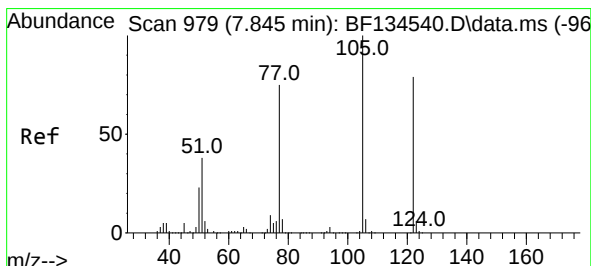
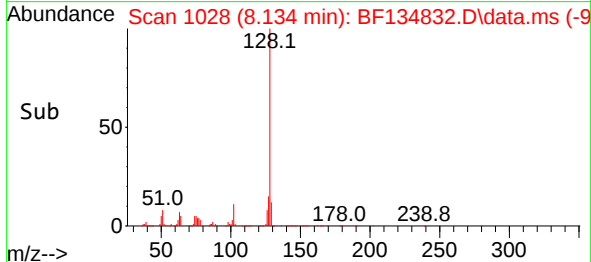
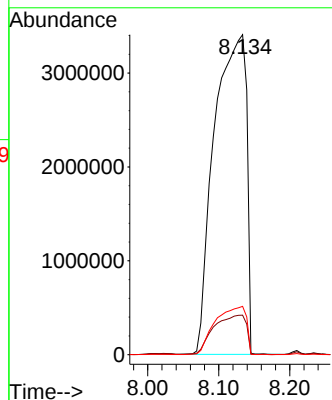
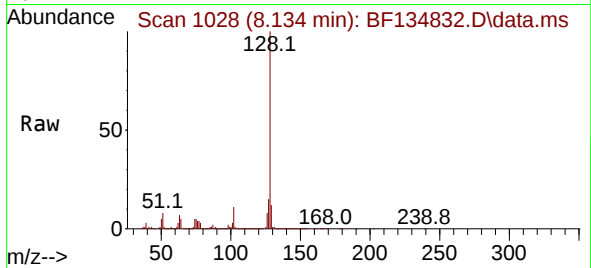




#31
Naphthalene
Concen: 9111.776 ng
RT: 8.134 min Scan# 1022
Delta R.T. 0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

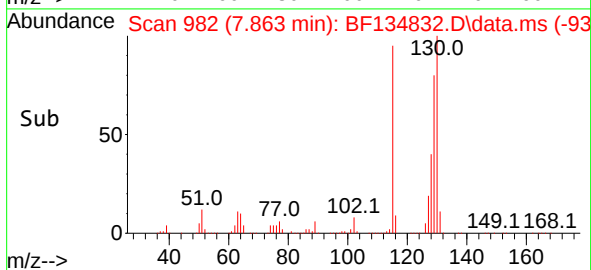
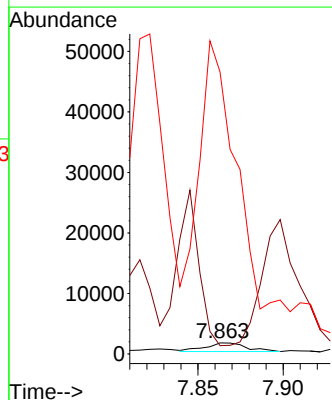
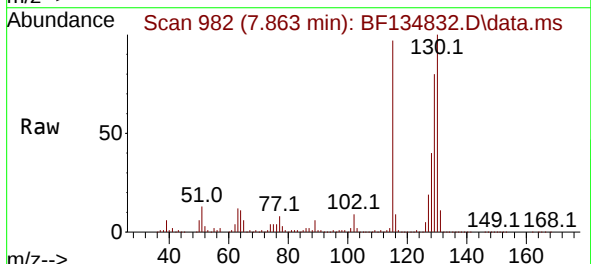
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

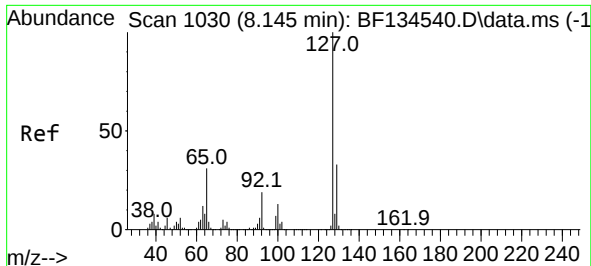
Tgt Ion:128 Resp:10692460
Ion Ratio Lower Upper
128 100
129 12.3 8.4 12.6
127 15.1 10.7 16.1



#32
Benzoic acid
Concen: 16.436 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:122 Resp: 2431
Ion Ratio Lower Upper
122 100
105 75.0 87.5 127.5#
77 2561.8 71.4 111.4#

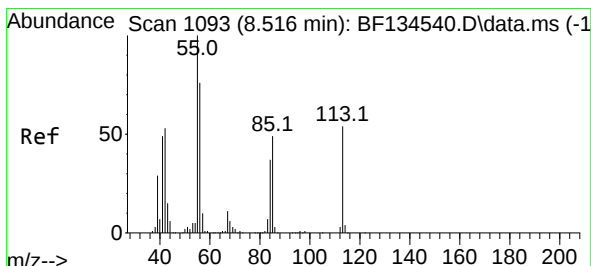
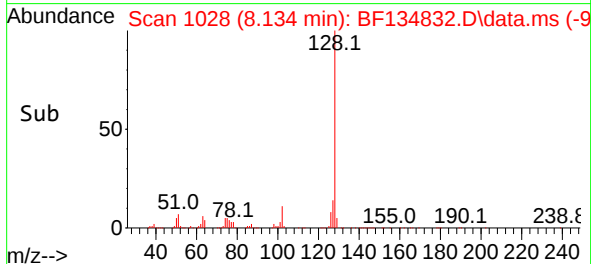
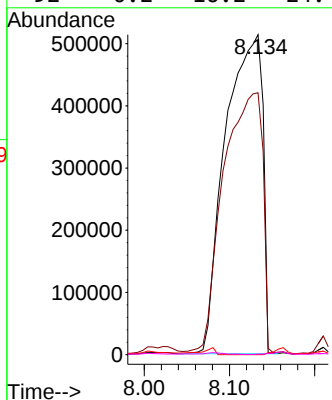
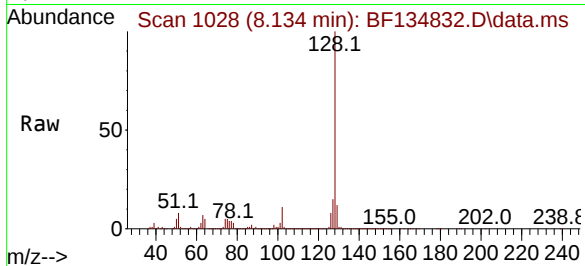




#33
4-Chloroaniline
Concen: 2977.947 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

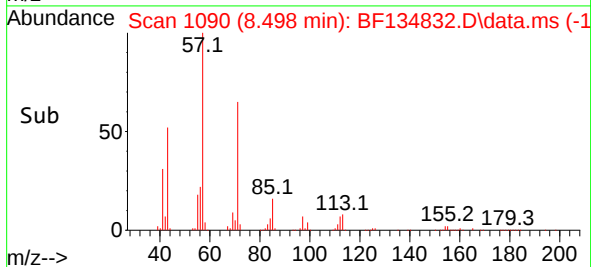
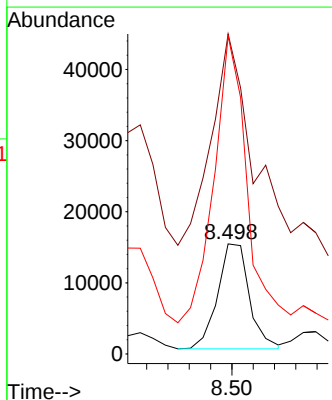
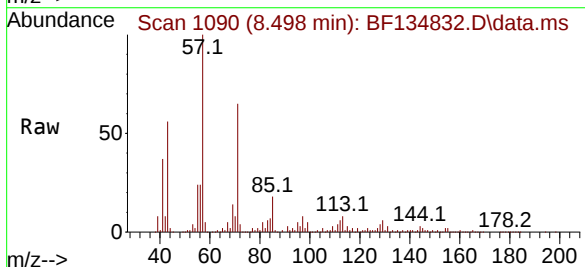
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

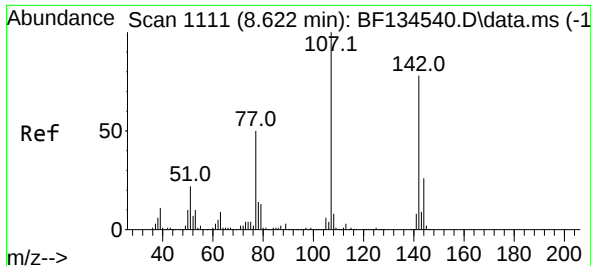
Tgt Ion:127 Resp: 1557074
Ion Ratio Lower Upper
127 100
129 81.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.2 16.2 24.4#



#35
Caprolactam
Concen: 143.558 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:113 Resp: 15285
Ion Ratio Lower Upper
113 100
55 290.8 161.5 201.5#
56 289.1 117.8 157.8#





#36

4-Chloro-3-methylphenol

Concen: 3.720 ng

RT: 8.598 min Scan# 1107

Delta R.T. -0.035 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

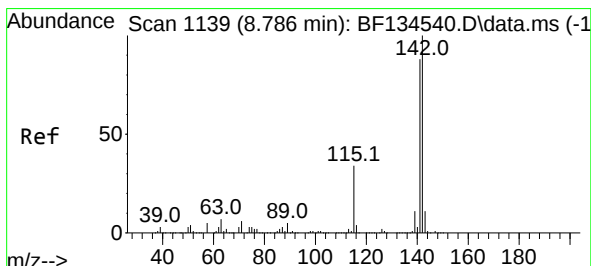
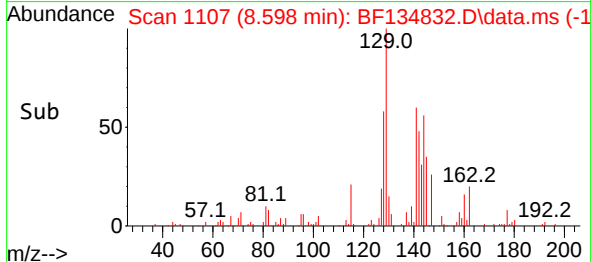
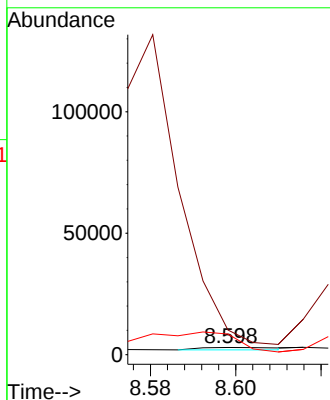
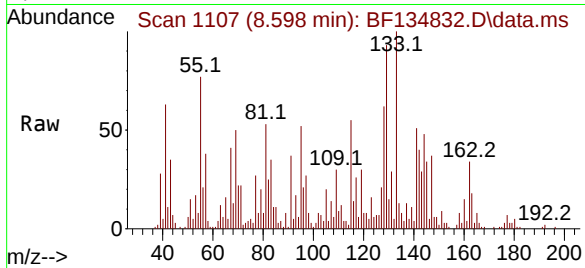
Tgt Ion:107 Resp: 1300

Ion Ratio Lower Upper

107 100

144 337.7 19.6 29.4#

142 283.0 57.7 86.5#



#37

2-Methylnaphthalene

Concen: 4871.634 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.018 min

Lab File: BF134832.D

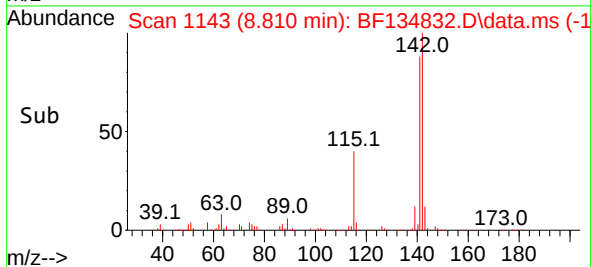
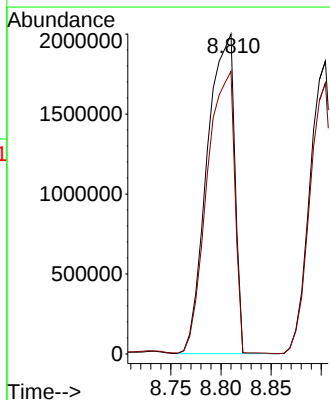
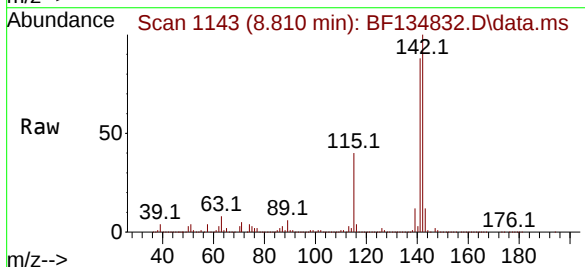
Acq: 18 Aug 2023 10:00

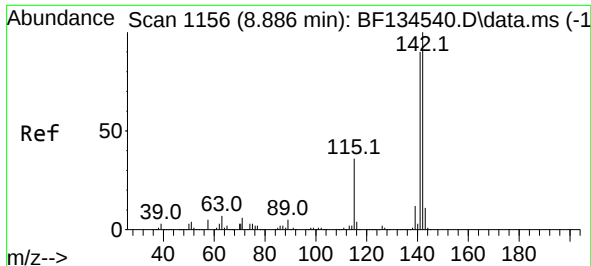
Tgt Ion:142 Resp: 3789279

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

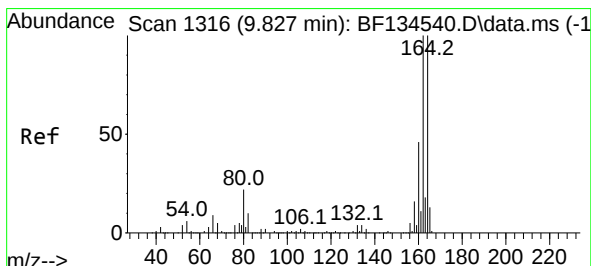
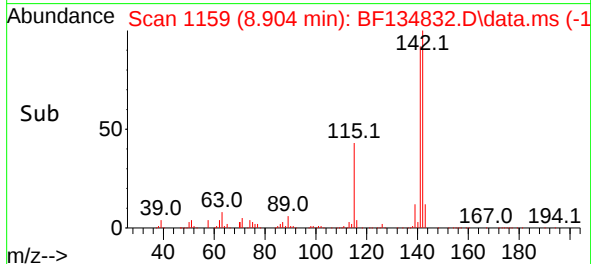
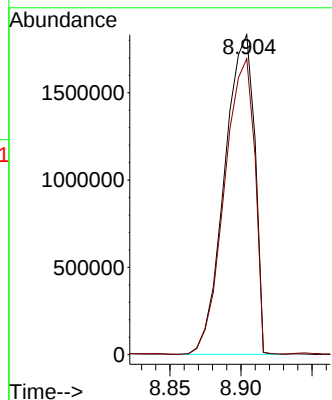
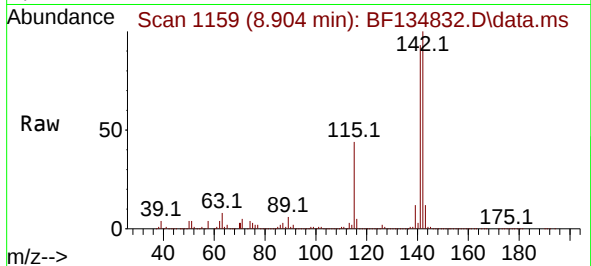




#38
1-Methylnaphthalene
Concen: 3716.764 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

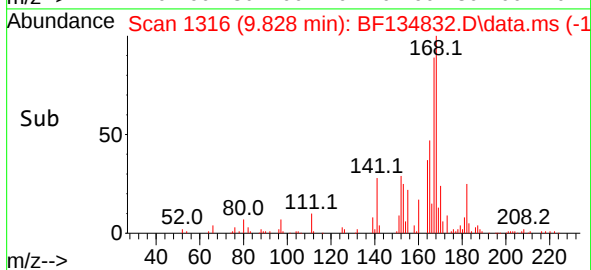
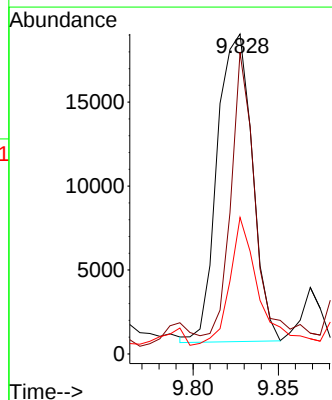
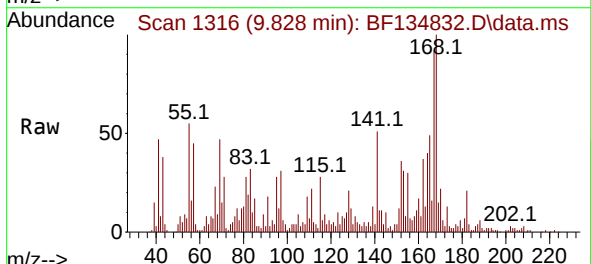
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

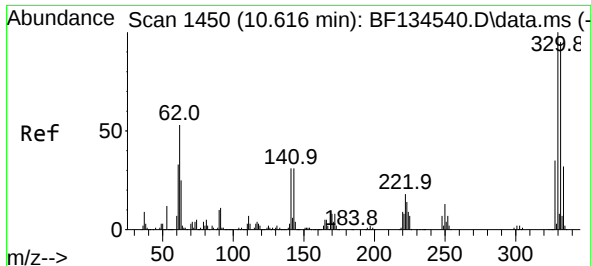
Tgt Ion:142 Resp: 2688312
Ion Ratio Lower Upper
142 100
141 92.5 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:164 Resp: 26182
Ion Ratio Lower Upper
164 100
162 94.3 82.6 123.8
160 42.7 37.2 55.8

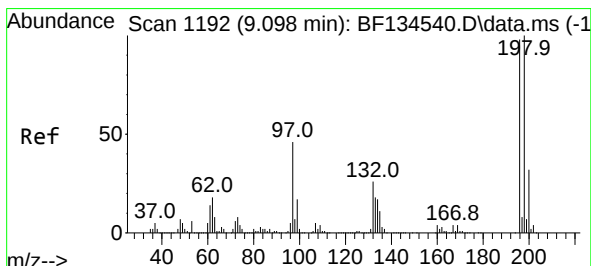
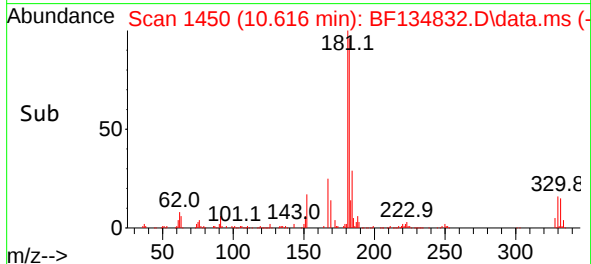
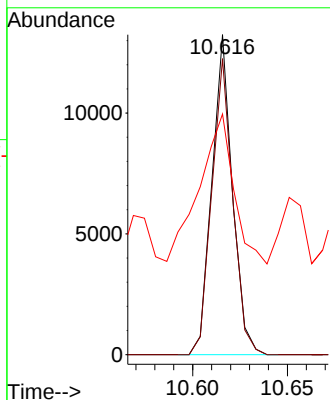
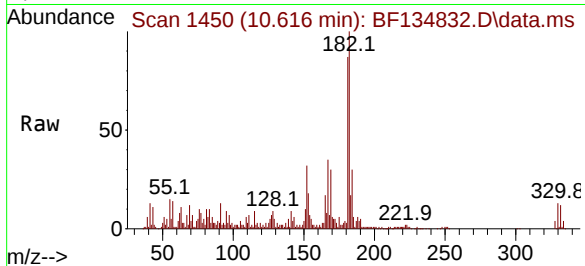




#42
2,4,6-Tribromophenol
Concen: 37.325 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

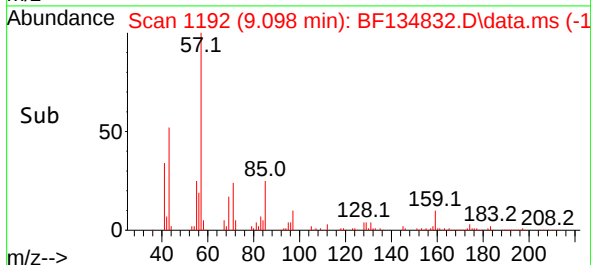
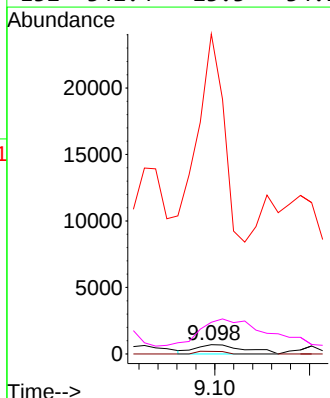
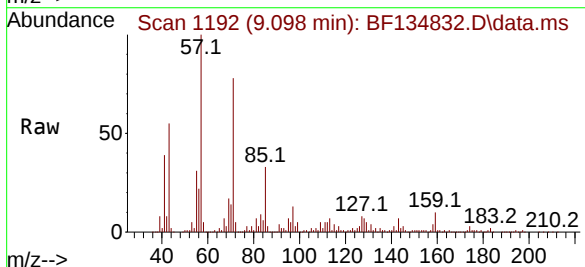
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

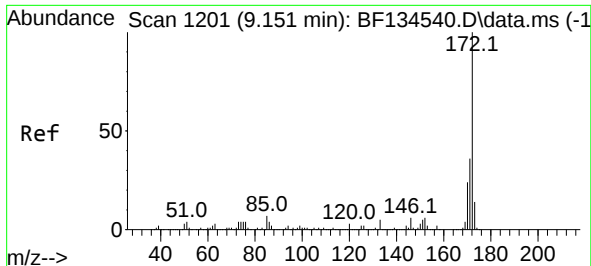
Tgt Ion: 330 Resp: 9962
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 78.4 25.4 38.2#



#44
2,4,5-Trichlorophenol
Concen: 2.218 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 196 Resp: 1263
Ion Ratio Lower Upper
196 100
198 27.0 73.0 109.4#
97 3457.5 40.8 61.2#
132 342.4 23.3 34.9#

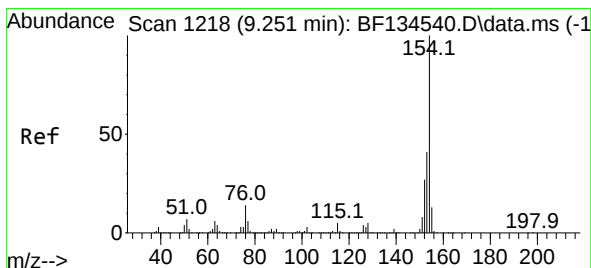
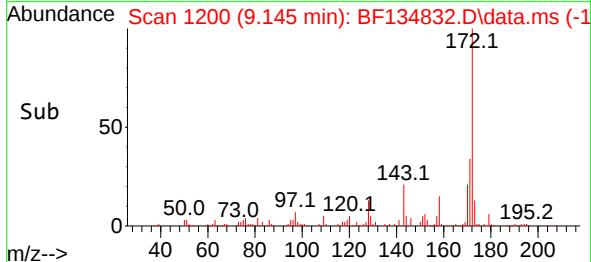
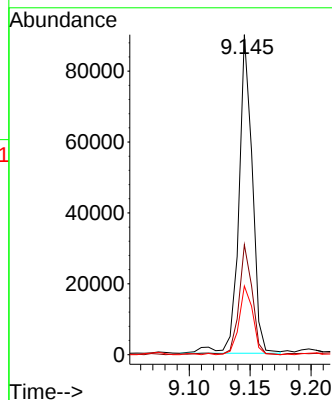
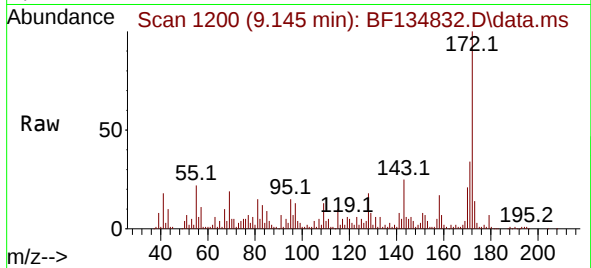




#45
2-Fluorobiphenyl
Concen: 43.728 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

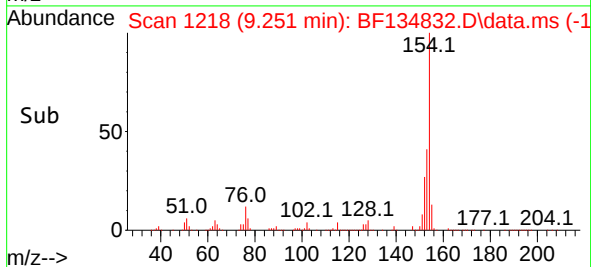
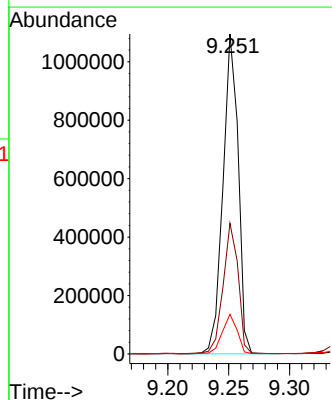
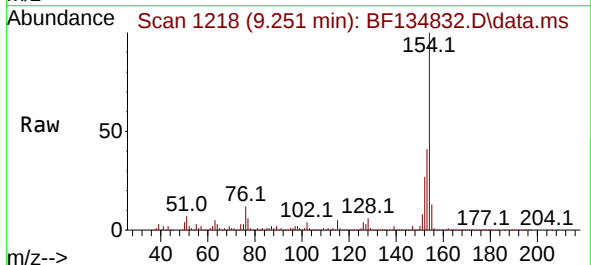
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

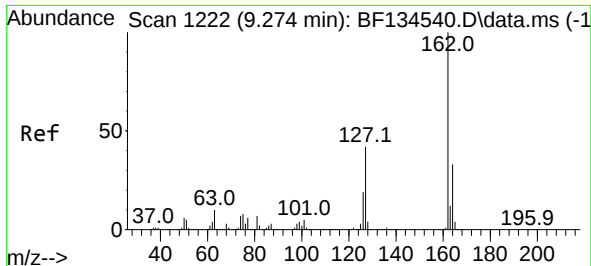
Tgt Ion:172 Resp: 68858
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 21.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 467.992 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:154 Resp: 952827
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.4 0.0 30.2

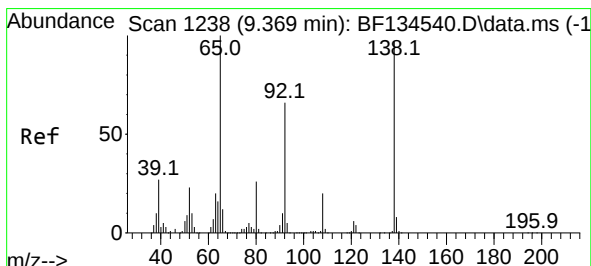
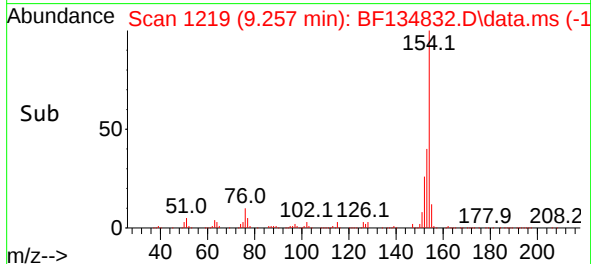
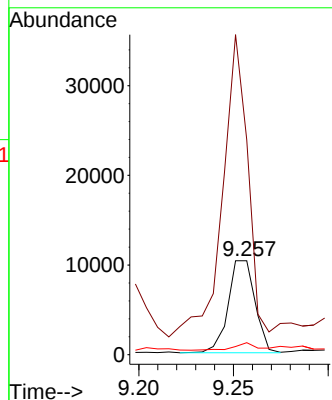
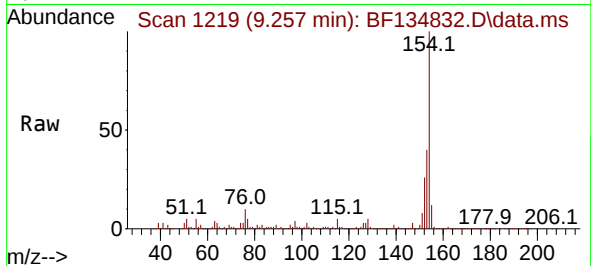




#47
2-Chloronaphthalene
Concen: 6.681 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

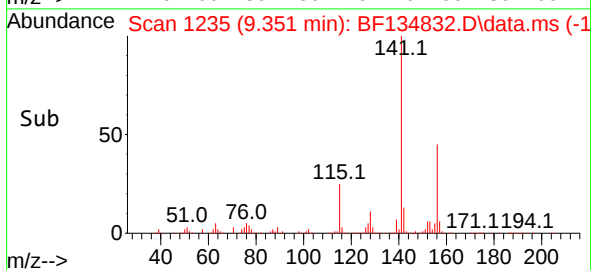
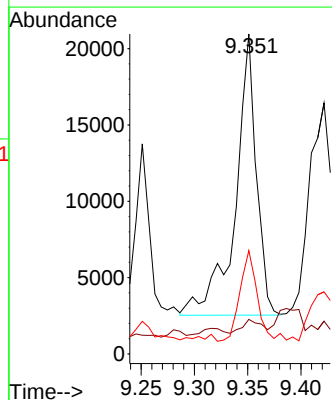
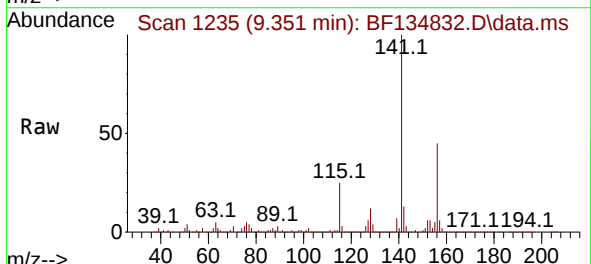
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

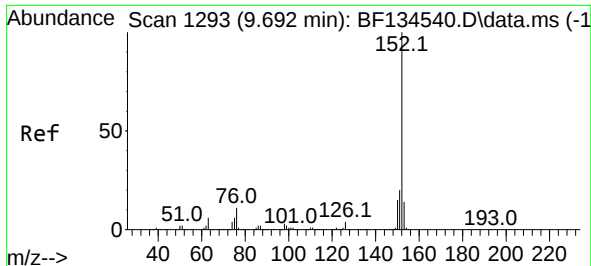
Tgt Ion:162 Resp: 10192
Ion Ratio Lower Upper
162 100
127 228.5 34.0 51.0#
164 12.7 25.7 38.5#



#48
2-Nitroaniline
Concen: 52.973 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion: 65 Resp: 25362
Ion Ratio Lower Upper
65 100
92 10.8 50.7 76.1#
138 32.3 78.2 117.4#

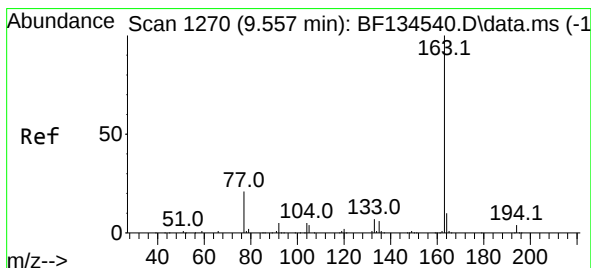
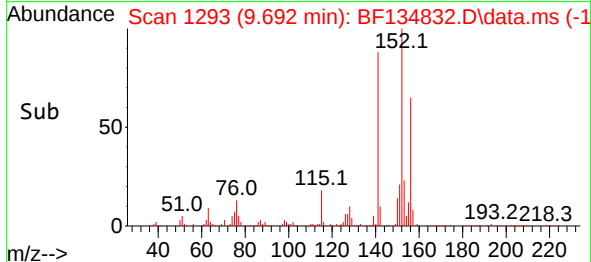
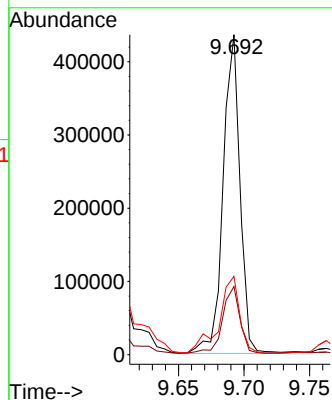
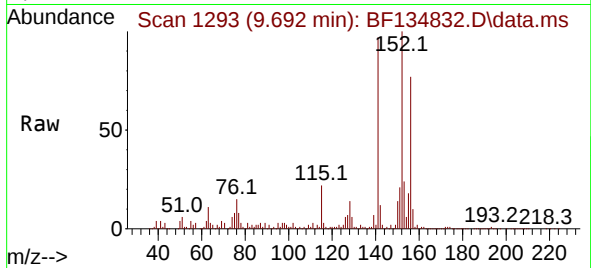




#49
Acenaphthylene
Concen: 162.354 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

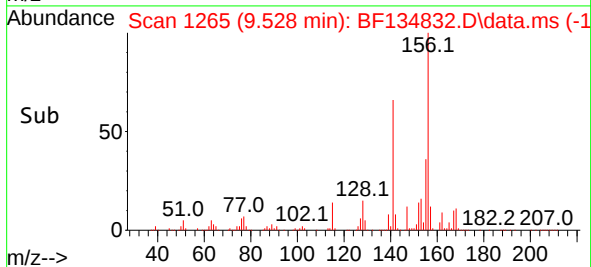
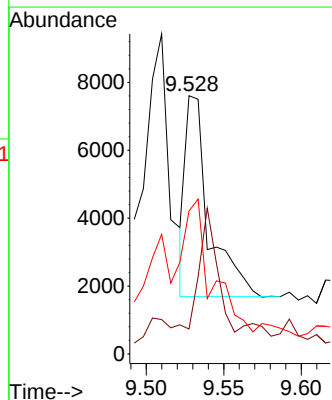
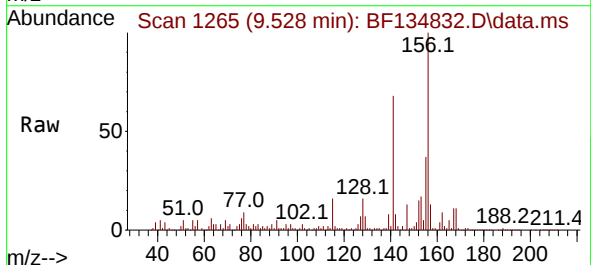
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

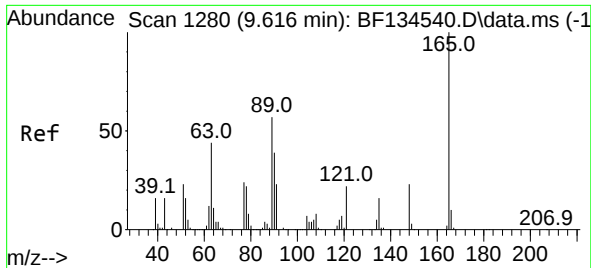
Tgt Ion:152 Resp: 389330
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 24.5 10.9 16.3#



#50
Dimethylphthalate
Concen: 3.478 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.041 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:163 Resp: 6206
Ion Ratio Lower Upper
163 100
194 9.6 3.3 4.9#
164 55.3 7.5 11.3#





#51

2,6-Dinitrotoluene

Concen: 48.788 ng

RT: 9.528 min Scan# 1

Delta R.T. -0.100 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

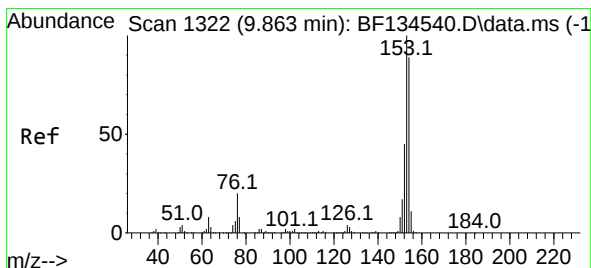
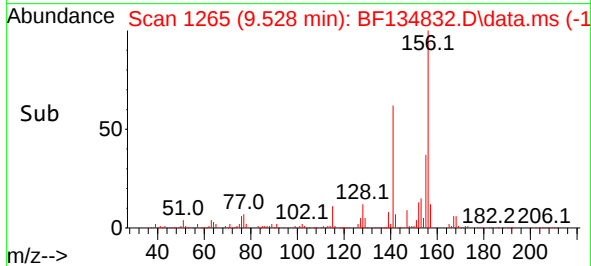
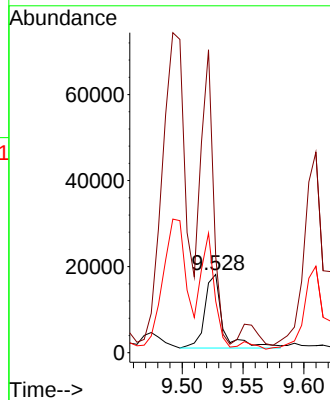
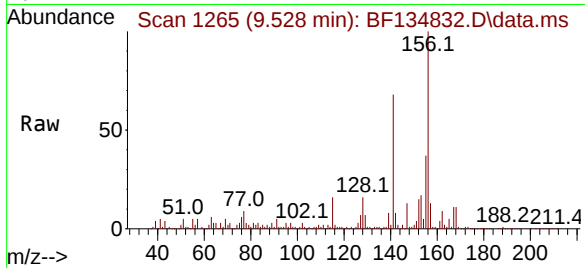
Tgt Ion:165 Resp: 17854

Ion Ratio Lower Upper

165 100

63 122.7 57.8 86.6#

89 65.8 51.8 77.8



#52

Acenaphthene

Concen: 1242.900 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

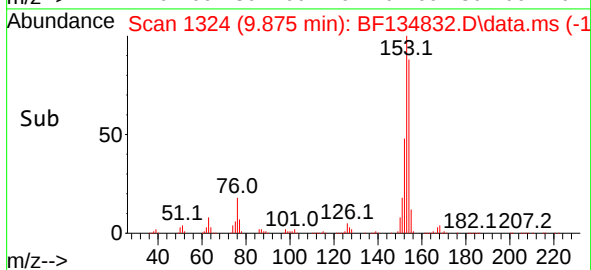
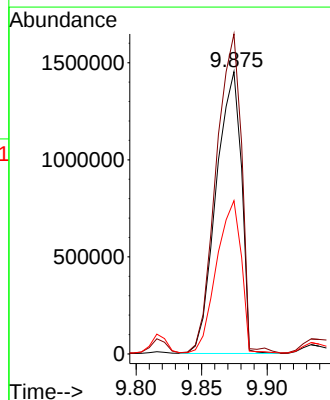
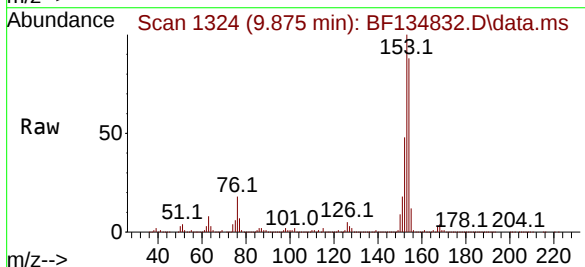
Tgt Ion:154 Resp: 1931512

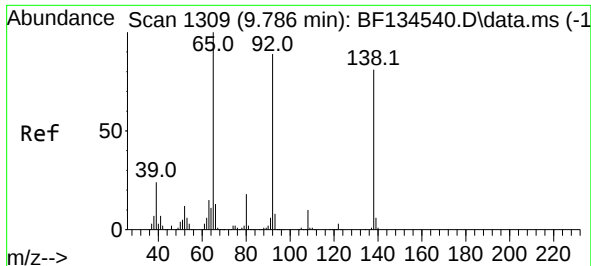
Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

152 54.3 42.4 63.6

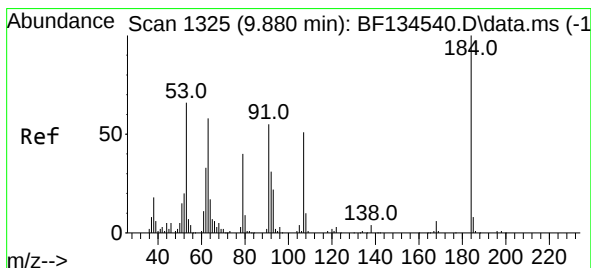
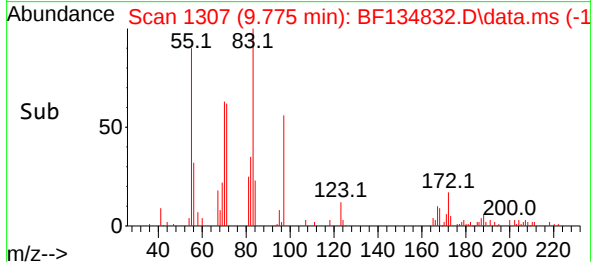
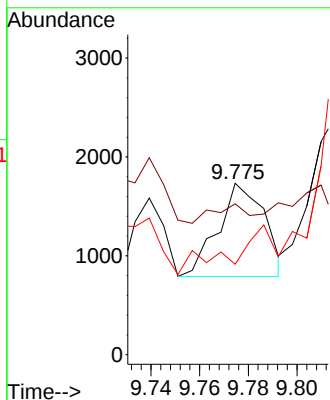
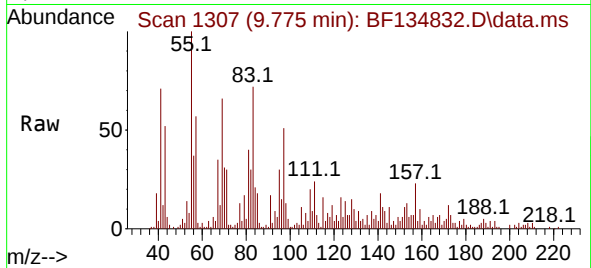




#53
3-Nitroaniline
Concen: 3.138 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

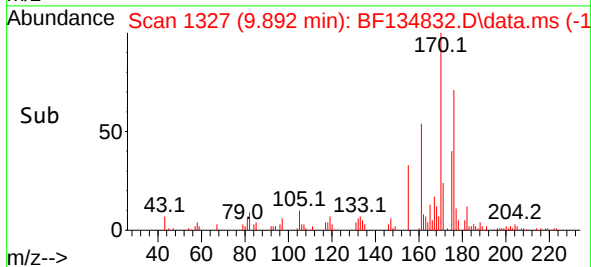
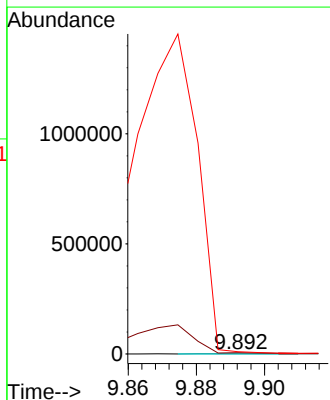
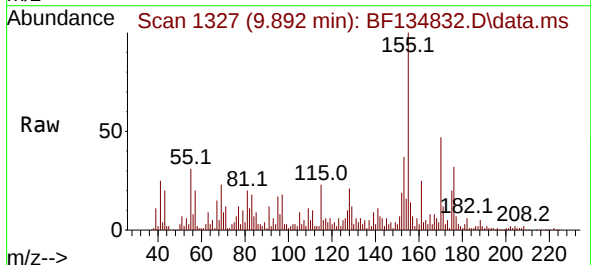
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

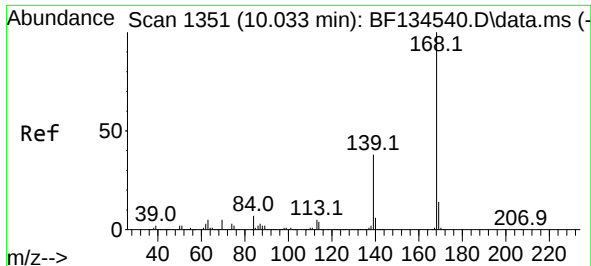
Tgt Ion:138 Resp: 1248
Ion Ratio Lower Upper
138 100
108 88.1 9.3 13.9#
92 52.7 86.6 129.8#



#54
2,4-Dinitrophenol
Concen: 12.632 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:184 Resp: 657
Ion Ratio Lower Upper
184 100
63 634.9 57.1 85.7#
154 1136.0 59.1 88.7#

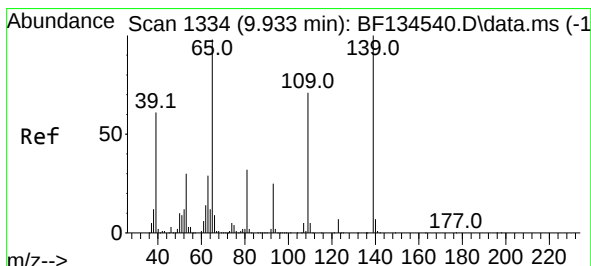
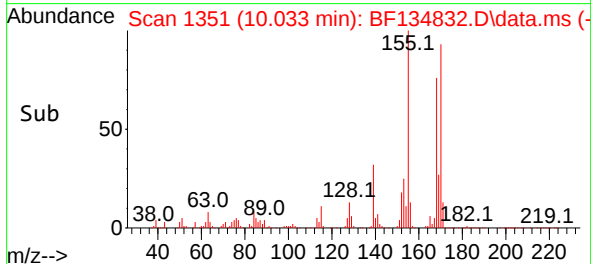
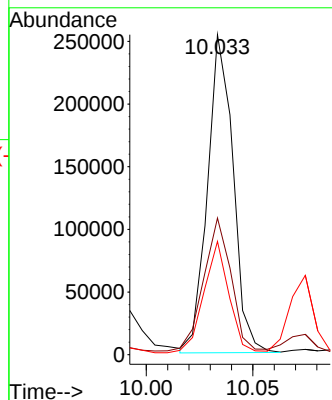
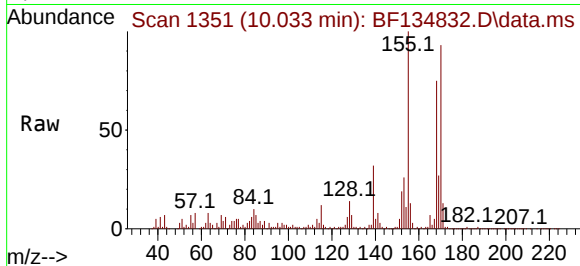




#55
Dibenzofuran
Concen: 96.196 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

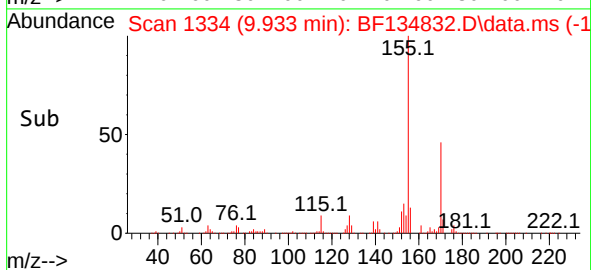
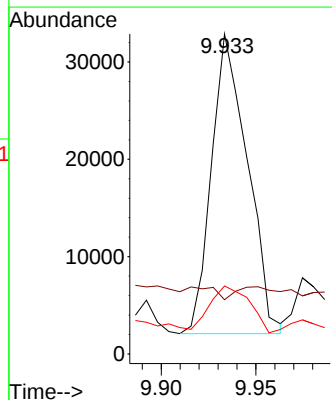
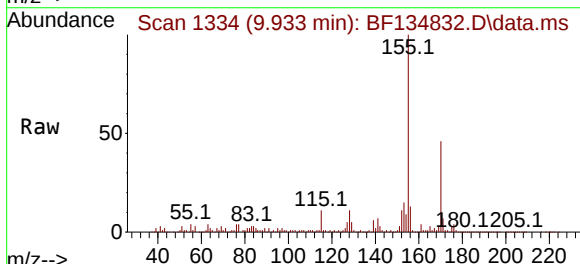
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

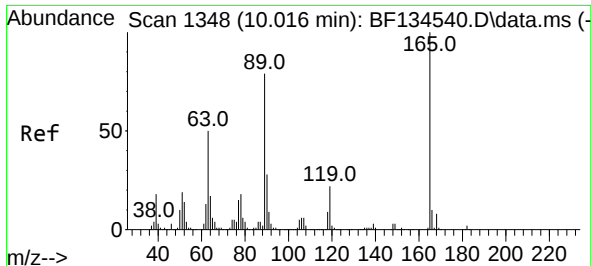
Tgt Ion:168 Resp: 212809
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 35.4 10.6 15.8#



#56
4-Nitrophenol
Concen: 125.086 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:139 Resp: 40691
Ion Ratio Lower Upper
139 100
109 17.0 76.9 116.9#
65 21.3 98.5 138.5#

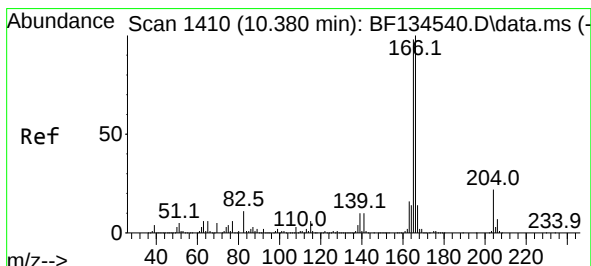
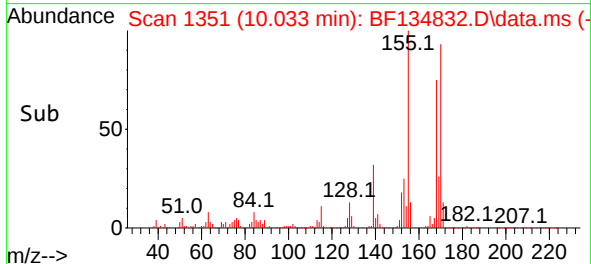
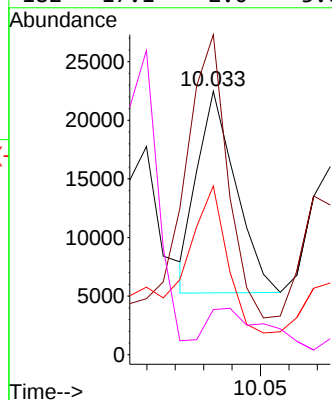
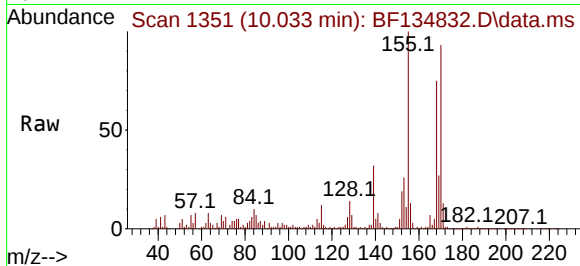




#57
2,4-Dinitrotoluene
Concen: 37.409 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

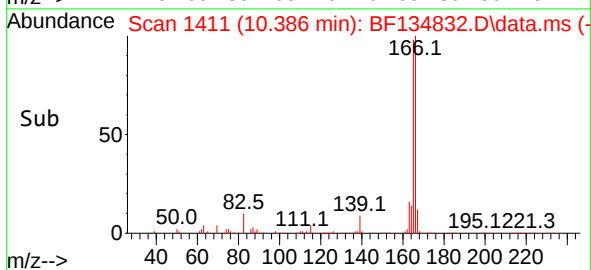
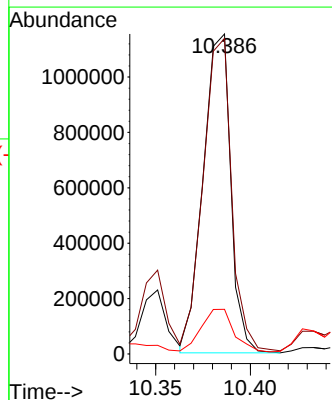
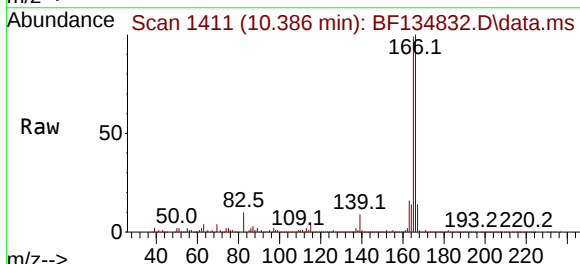
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

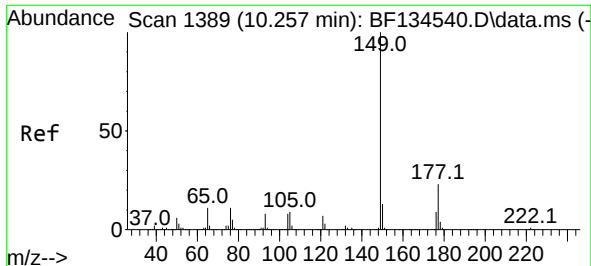
Tgt Ion:165 Resp: 16225
Ion Ratio Lower Upper
165 100
63 121.5 48.9 73.3#
89 64.1 61.7 92.5
182 17.1 2.0 3.0#



#58
Fluorene
Concen: 727.109 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:166 Resp: 1171641
Ion Ratio Lower Upper
166 100
165 98.6 74.5 111.7
167 14.0 10.6 16.0

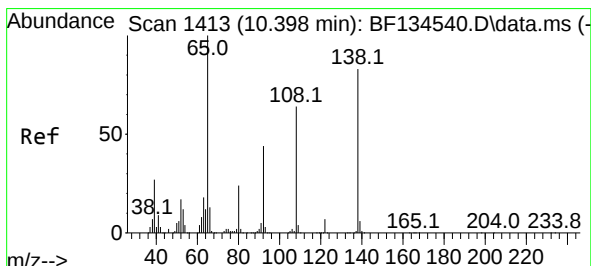
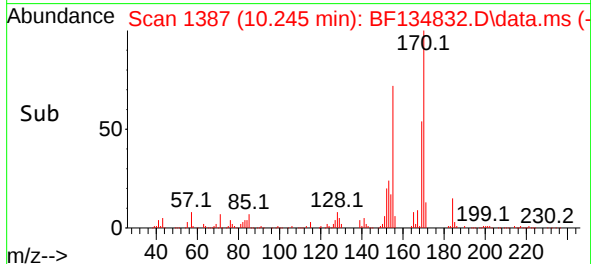
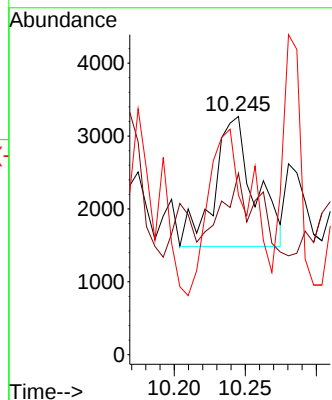
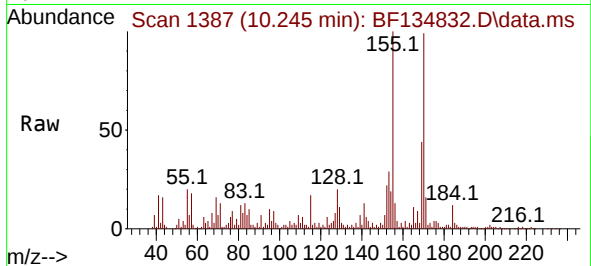




#60
Diethylphthalate
Concen: 2.045 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

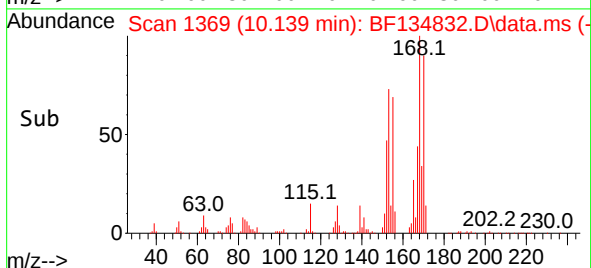
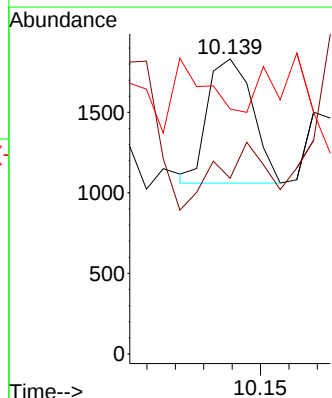
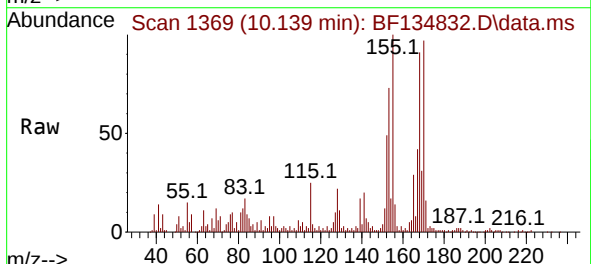
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

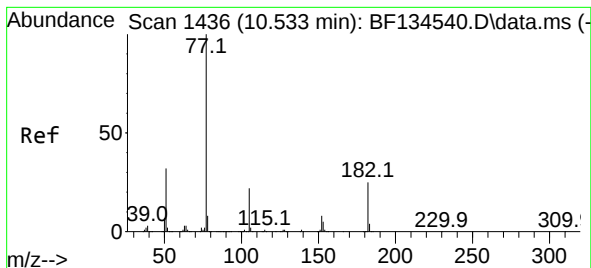
Tgt Ion:149 Resp: 3459
Ion Ratio Lower Upper
149 100
177 76.1 17.0 25.4#
150 66.9 9.9 14.9#



#62
4-Nitroaniline
Concen: 2.173 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.271 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:138 Resp: 847
Ion Ratio Lower Upper
138 100
92 59.6 27.0 67.0
108 83.0 70.4 110.4





#63

Azobenzene

Concen: 8.368 ng

RT: 10.527 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

Tgt Ion: 77 Resp: 15208

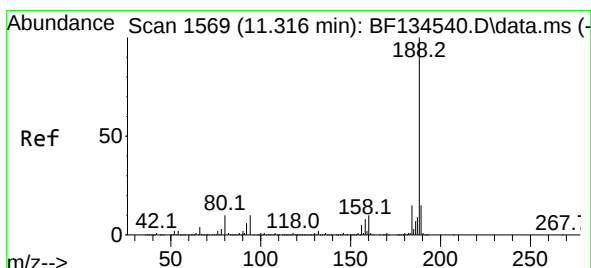
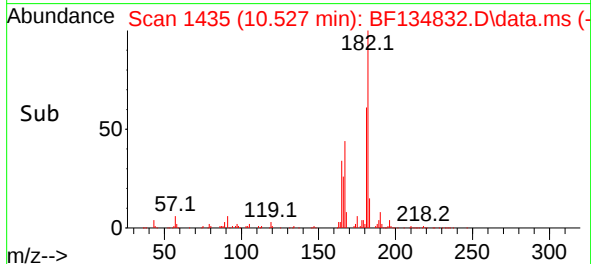
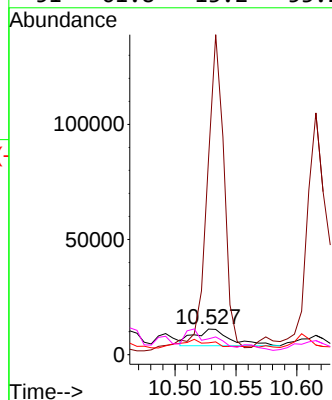
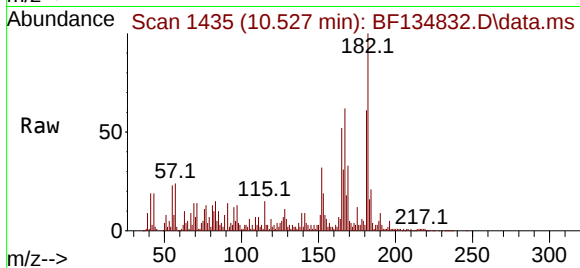
Ion Ratio Lower Upper

77 100

182 763.7 7.5 47.5#

105 46.4 1.9 41.9#

51 61.8 13.2 53.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

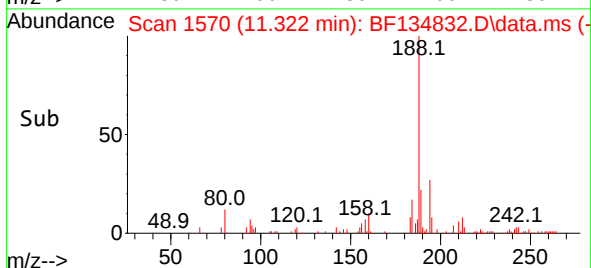
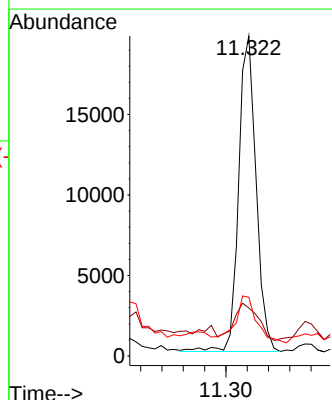
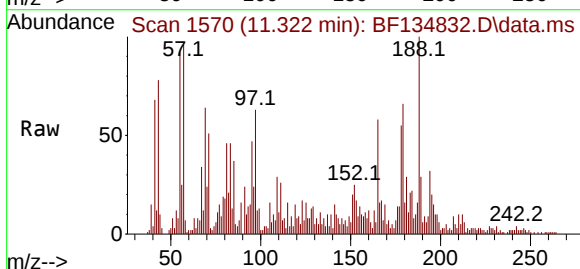
Tgt Ion: 188 Resp: 22336

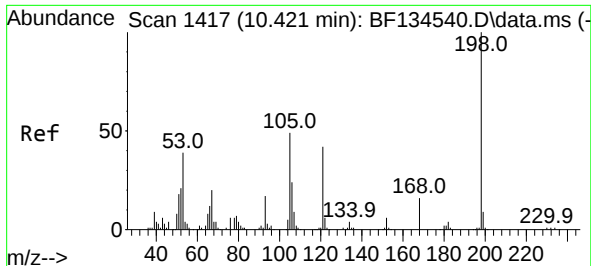
Ion Ratio Lower Upper

188 100

94 15.0 5.1 7.7#

80 18.3 6.6 9.8#

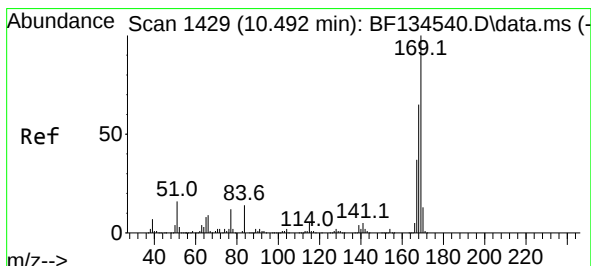
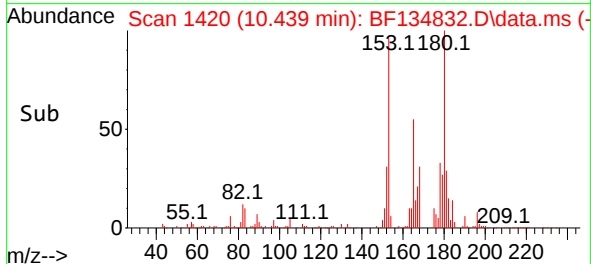
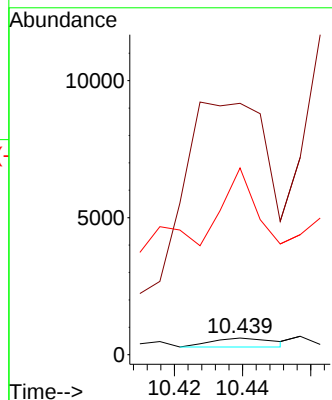
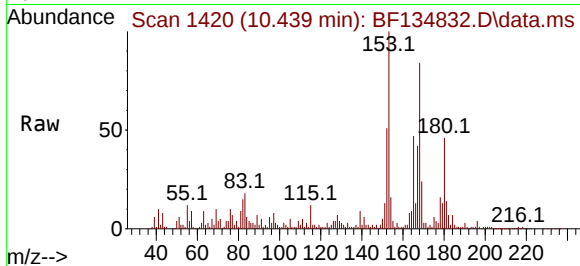




#65
4,6-Dinitro-2-methylphenol
Concen: 12.363 ng
RT: 10.439 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

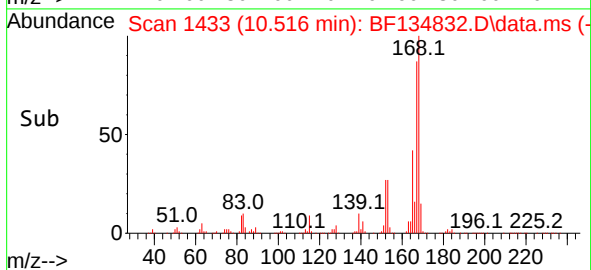
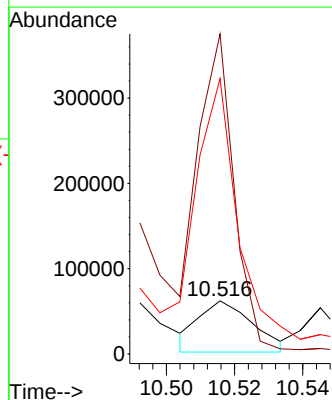
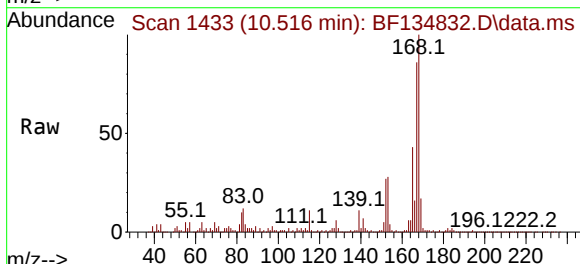
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

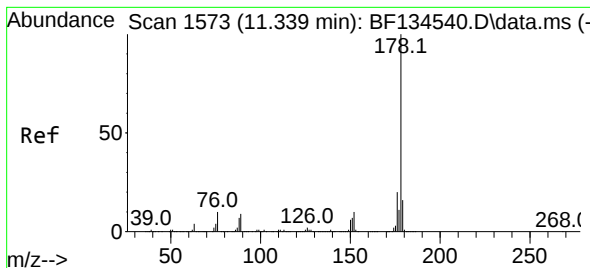
Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 1516.5 38.6 78.6#
105 1126.1 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 92.657 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:169 Resp: 65873
Ion Ratio Lower Upper
169 100
168 602.0 52.6 78.8#
167 518.0 29.8 44.8#





#71

Phenanthrene

Concen: 2890.928 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

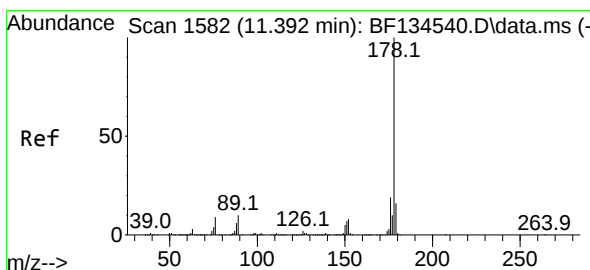
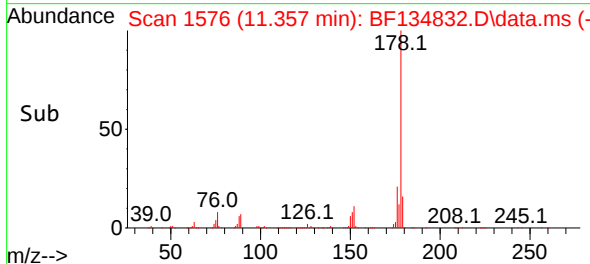
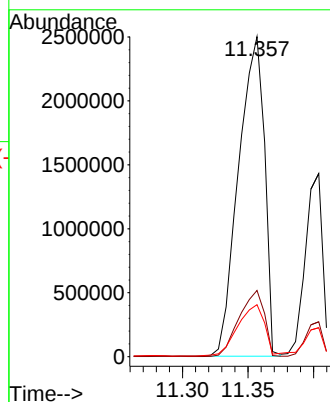
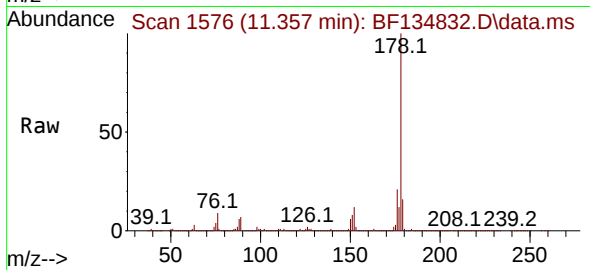
Tgt Ion:178 Resp: 3429790

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.6

179 16.2 12.7 19.1



#72

Anthracene

Concen: 1054.988 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

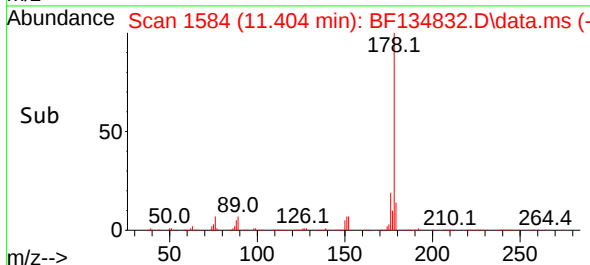
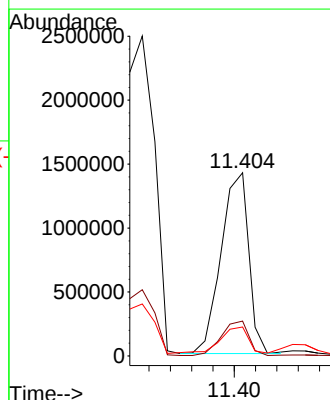
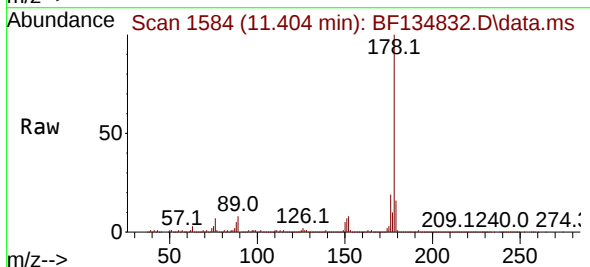
Tgt Ion:178 Resp: 1278483

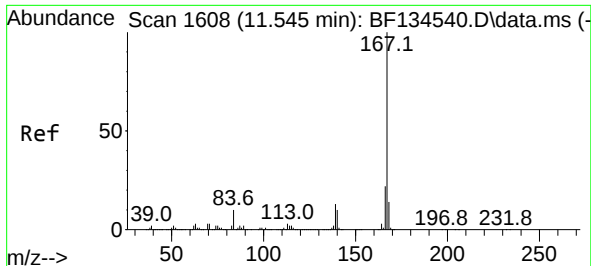
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.9 12.3 18.5

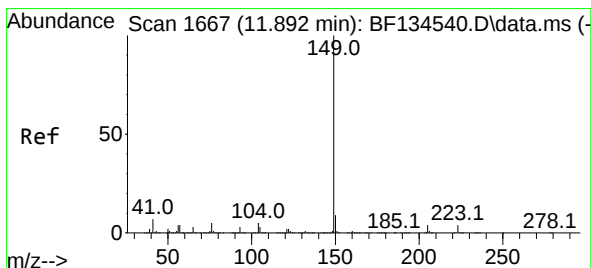
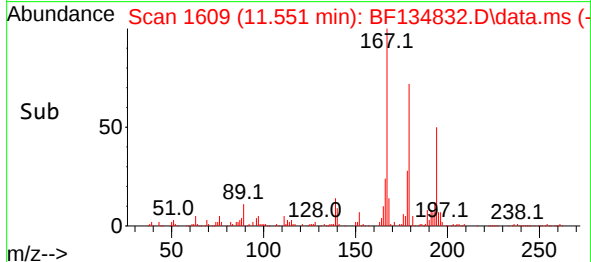
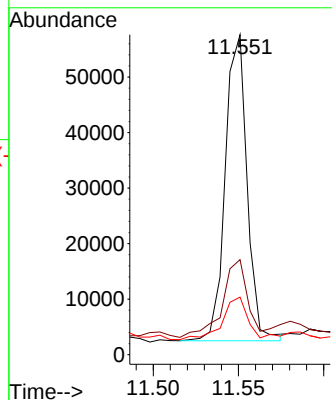
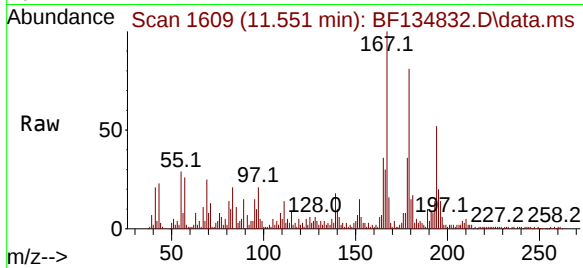




#73
 Carbazole
 Concen: 45.448 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134832.D
 Acq: 18 Aug 2023 10:00

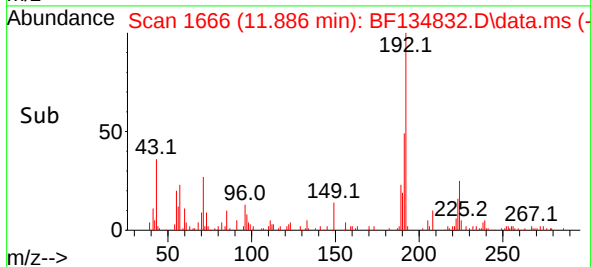
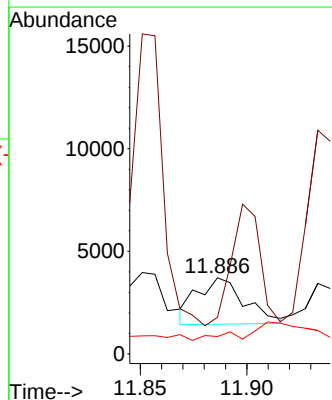
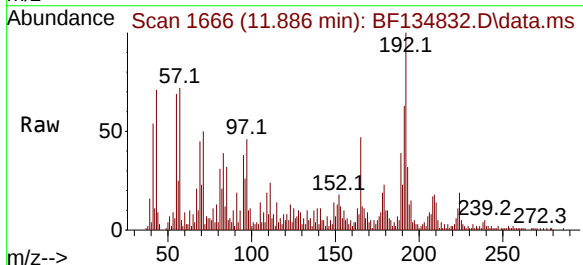
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z26-27

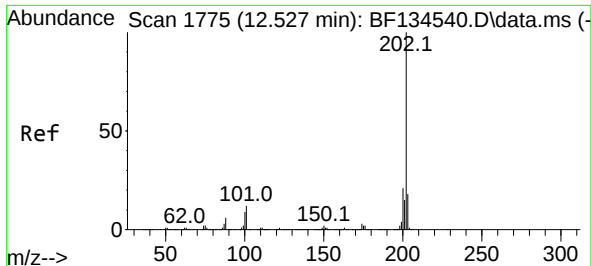
Tgt Ion:167 Resp: 49176
 Ion Ratio Lower Upper
 167 100
 166 29.7 17.5 26.3#
 139 18.0 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 3.051 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134832.D
 Acq: 18 Aug 2023 10:00

Tgt Ion:149 Resp: 3507
 Ion Ratio Lower Upper
 149 100
 150 48.0 7.2 10.8#
 104 23.0 3.8 5.8#

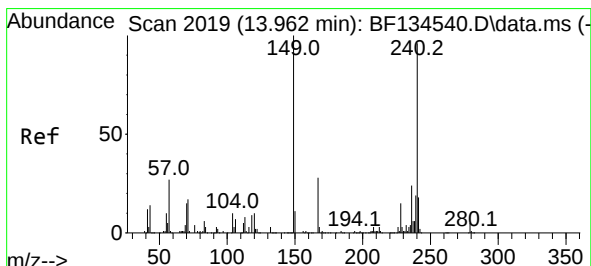
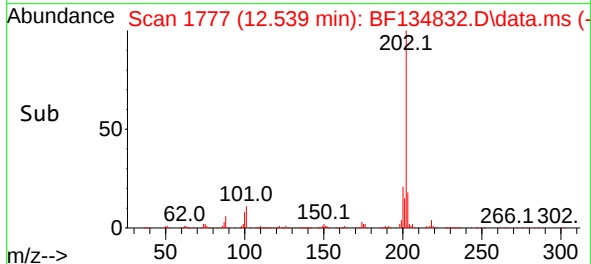
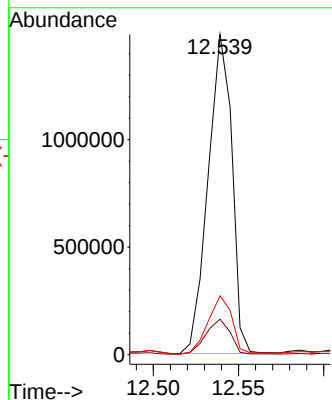
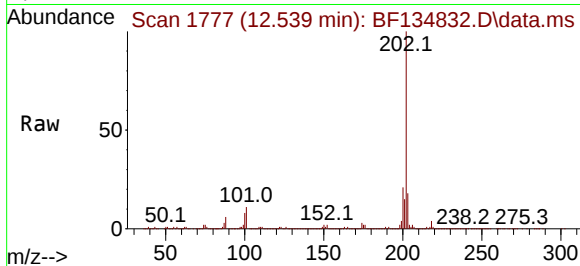




#75
Fluoranthene
Concen: 1153.696 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

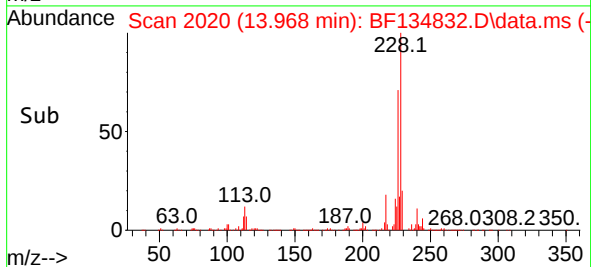
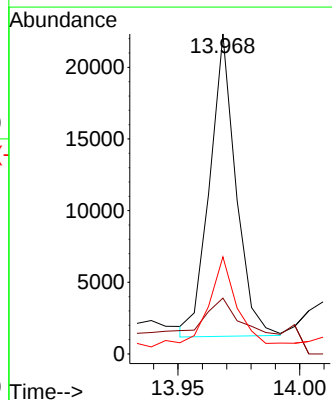
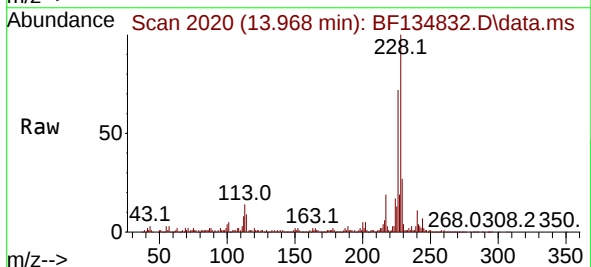
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

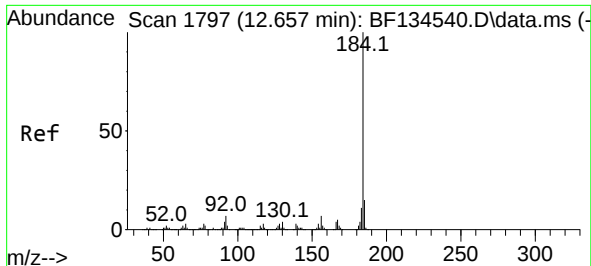
Tgt Ion:202 Resp: 1445822
Ion Ratio Lower Upper
202 100
101 11.1 0.0 28.5
203 18.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:240 Resp: 15814
Ion Ratio Lower Upper
240 100
120 17.5 6.6 10.0#
236 30.3 20.2 30.2#

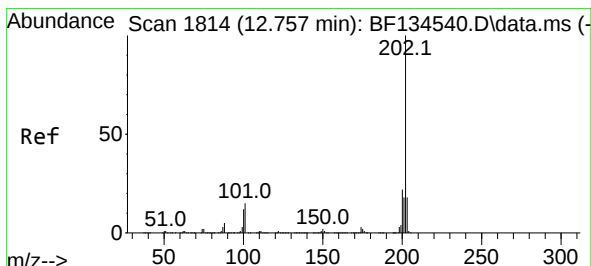
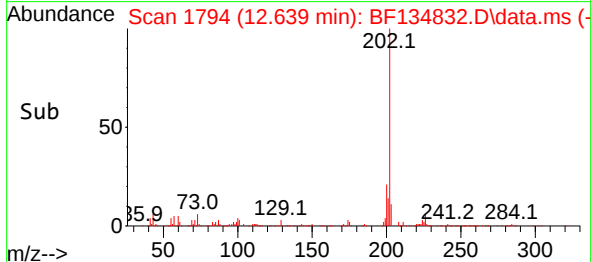
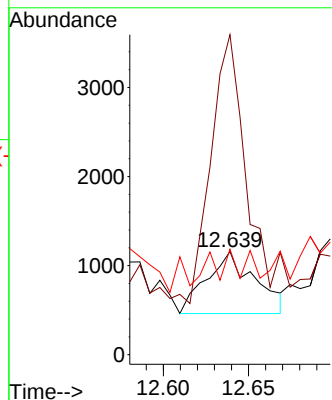
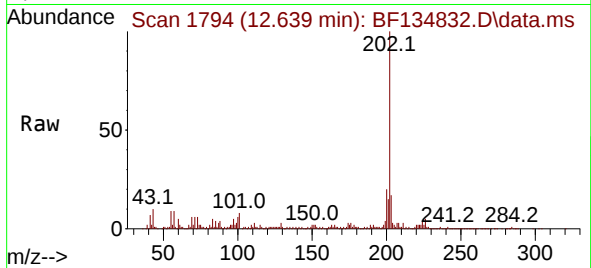




#77
Benzidine
Concen: 3.991 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

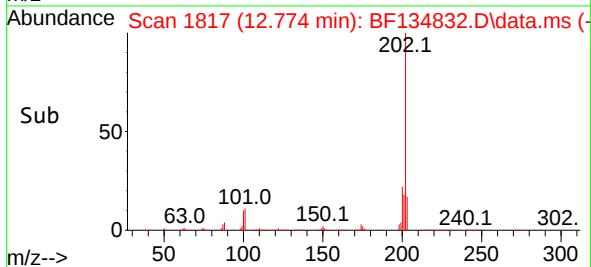
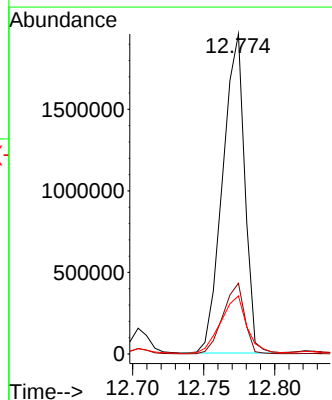
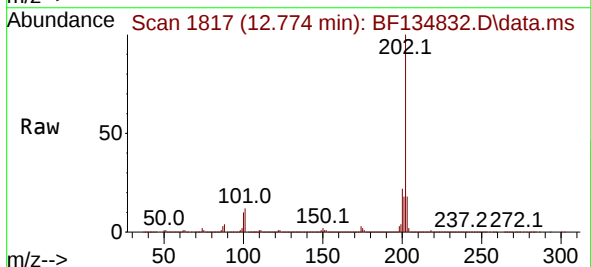
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

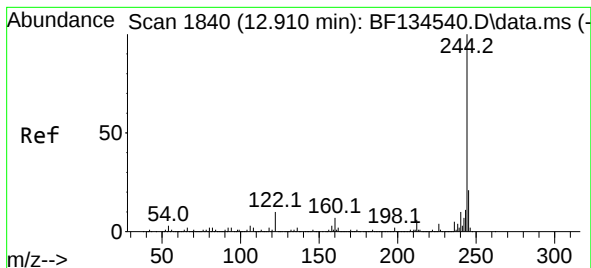
Tgt Ion:184 Resp: 1370
Ion Ratio Lower Upper
184 100
185 310.3 11.2 16.8#
183 102.2 8.6 13.0#



#78
Pyrene
Concen: 1541.696 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:202 Resp: 2109670
Ion Ratio Lower Upper
202 100
200 22.1 15.8 23.8
203 18.1 13.5 20.3





#79

Terphenyl-d14

Concen: 53.342 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

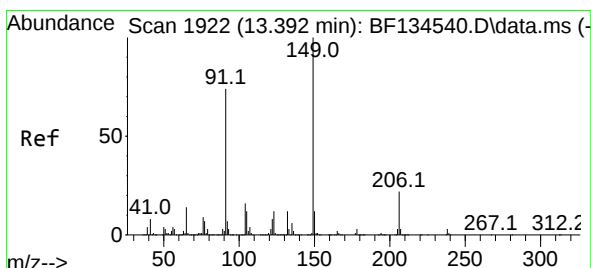
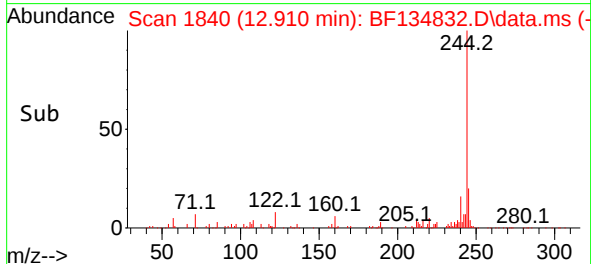
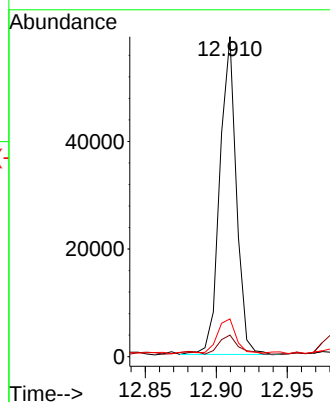
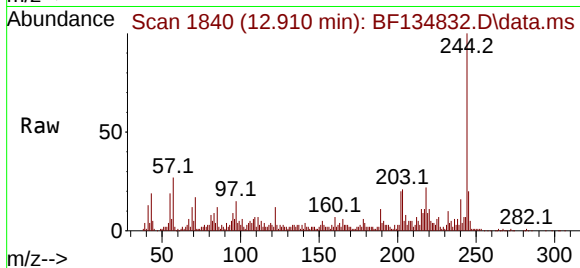
Tgt Ion:244 Resp: 47851

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 2.163 ng

RT: 13.410 min Scan# 1925

Delta R.T. 0.012 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

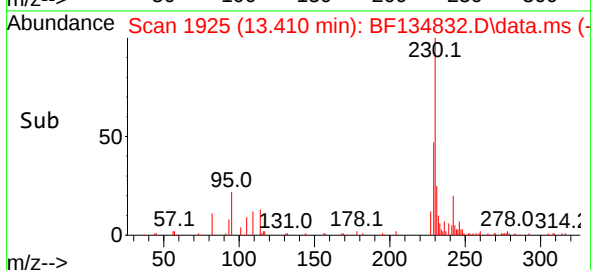
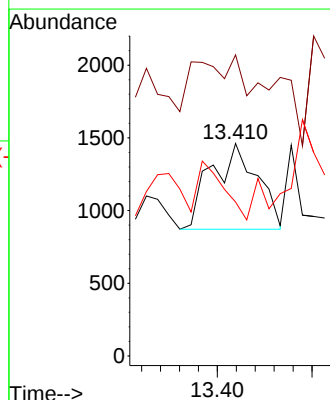
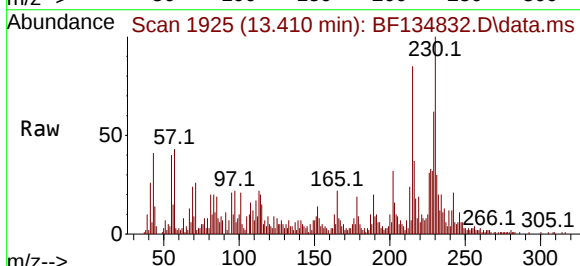
Tgt Ion:149 Resp: 1001

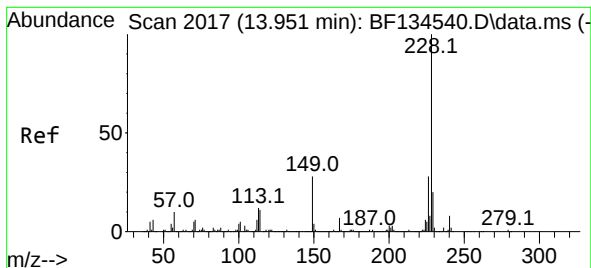
Ion Ratio Lower Upper

149 100

91 141.8 55.8 83.6#

206 72.5 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 674.350 ng

RT: 13.998 min Scan# 2013

Delta R.T. 0.035 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27

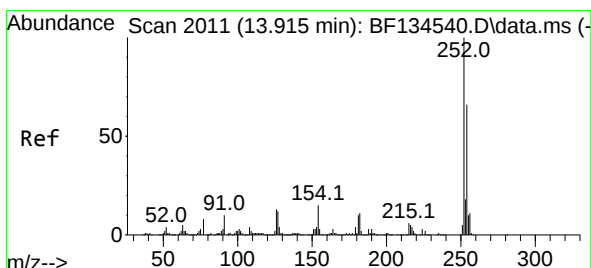
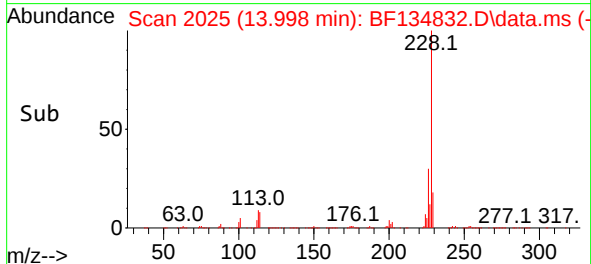
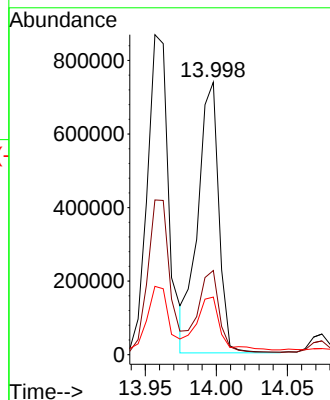
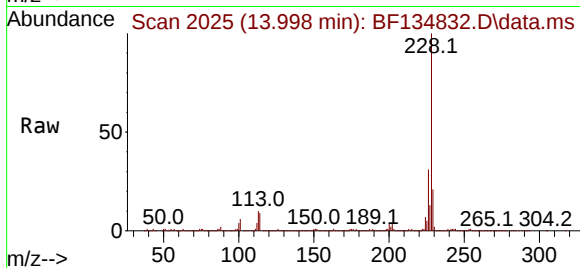
Tgt Ion:228 Resp: 762539

Ion Ratio Lower Upper

228 100

226 30.9 22.3 33.5

229 21.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 3.457 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF134832.D

Acq: 18 Aug 2023 10:00

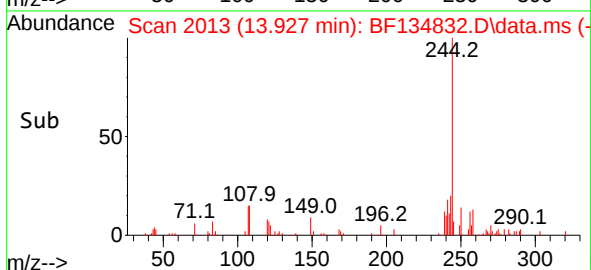
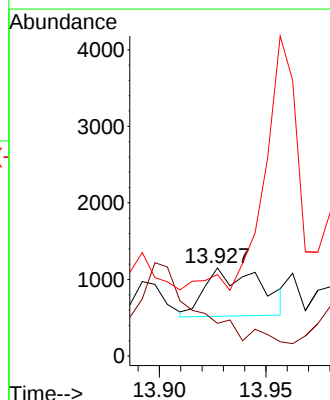
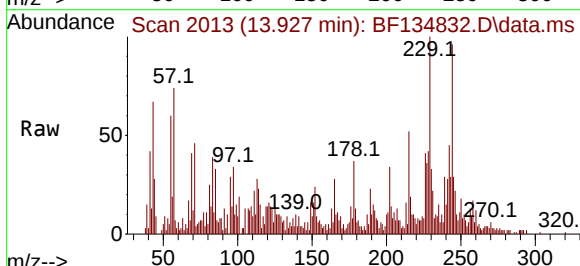
Tgt Ion:252 Resp: 1133

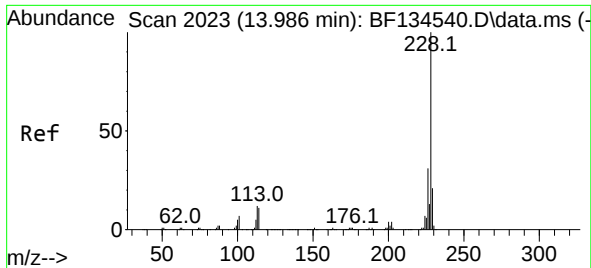
Ion Ratio Lower Upper

252 100

254 37.1 52.7 79.1#

126 92.5 7.2 10.8#

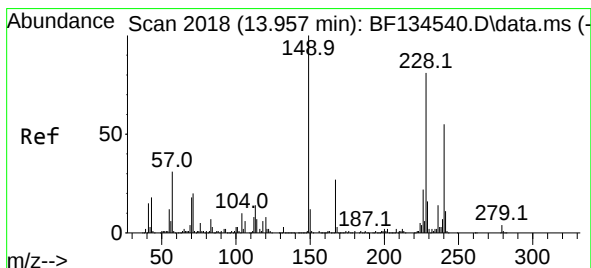
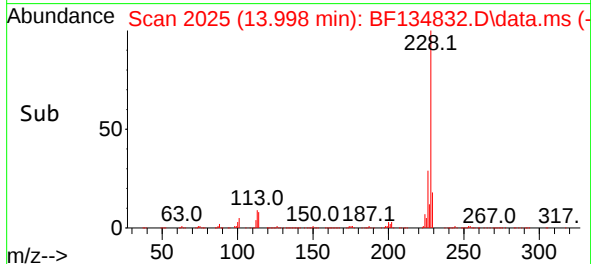
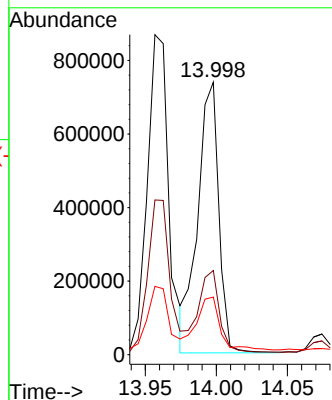
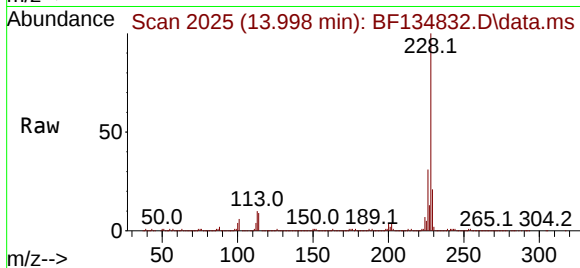




#83
Chrysene
Concen: 692.164 ng
RT: 13.998 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

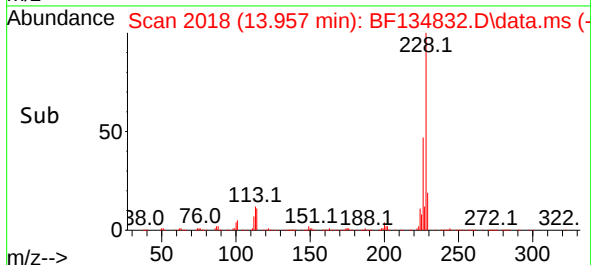
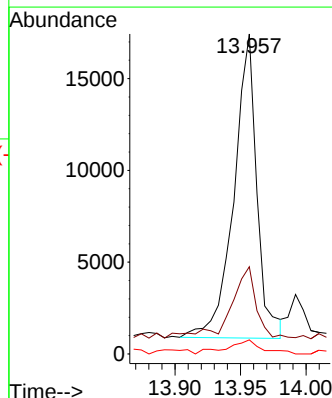
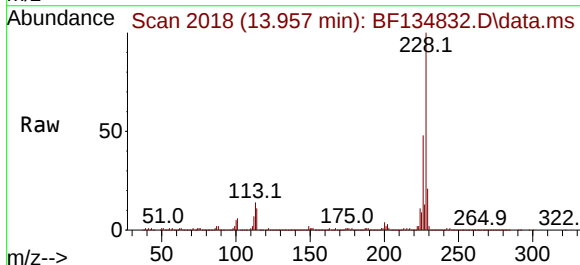
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

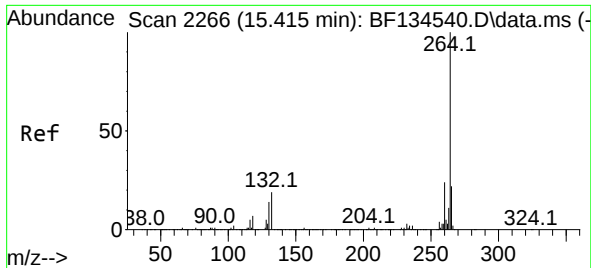
Tgt Ion:228 Resp: 762539
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.1 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.283 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:149 Resp: 20302
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 4.4 3.5 5.3

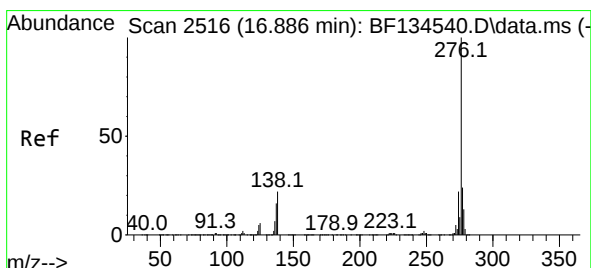
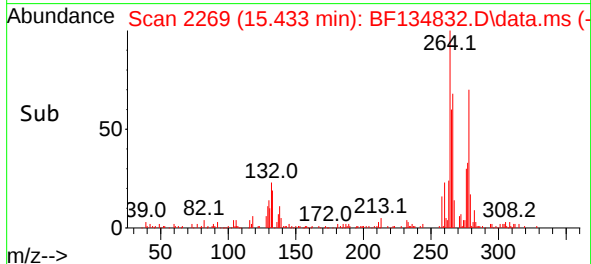
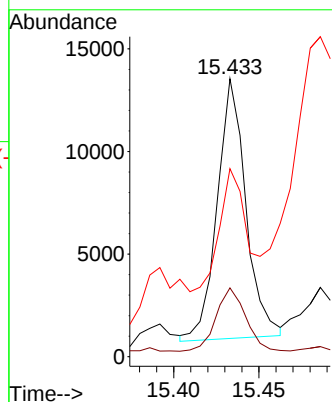
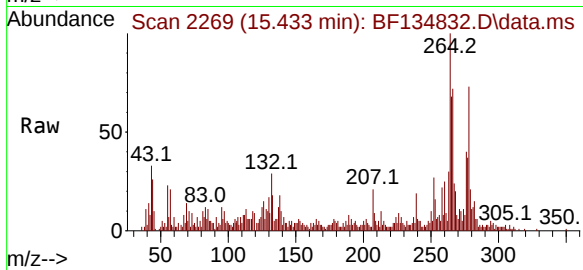




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

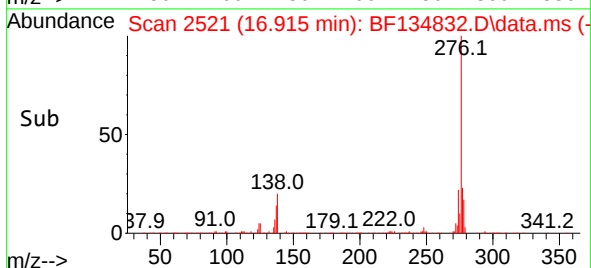
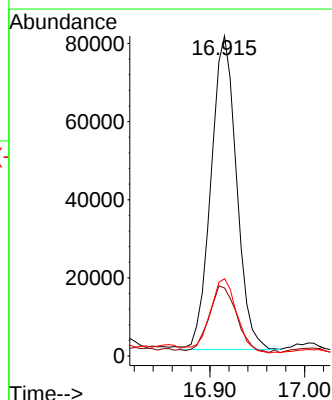
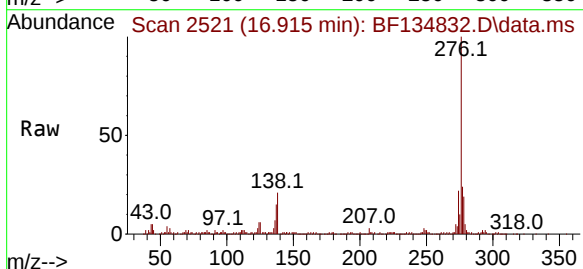
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

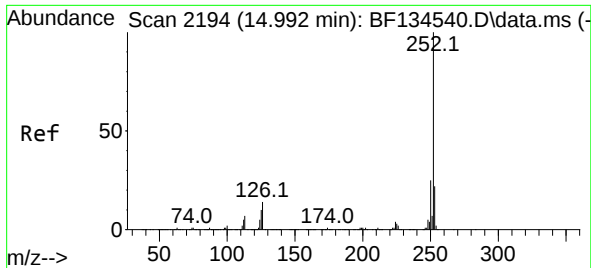
Tgt Ion:264 Resp: 14838
Ion Ratio Lower Upper
264 100
260 24.8 18.4 27.6
265 67.6 15.8 23.8#



#87
Indeno(1,2,3-cd)pyrene
Concen: 171.929 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:276 Resp: 150035
Ion Ratio Lower Upper
276 100
138 23.1 14.2 21.4#
277 24.6 19.9 29.9

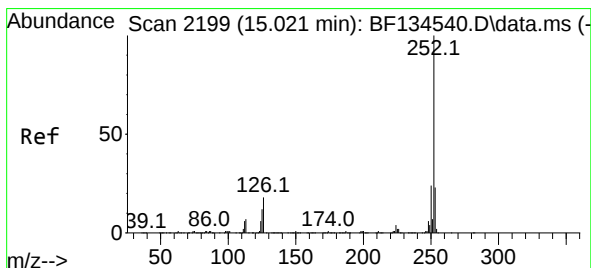
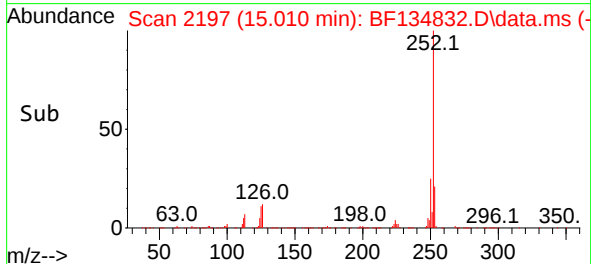
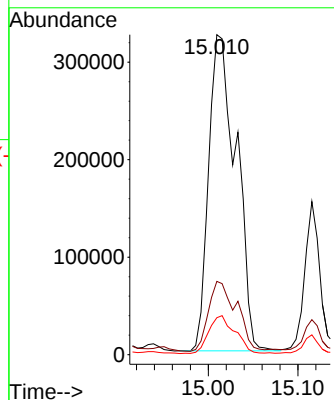
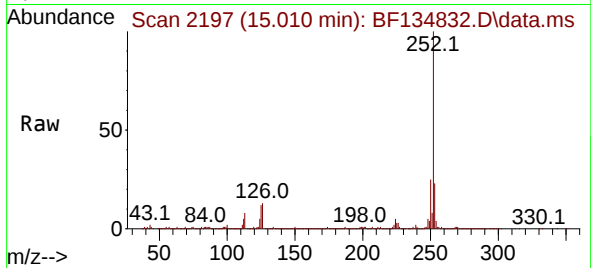




#88
Benzo(b)fluoranthene
Concen: 766.781 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

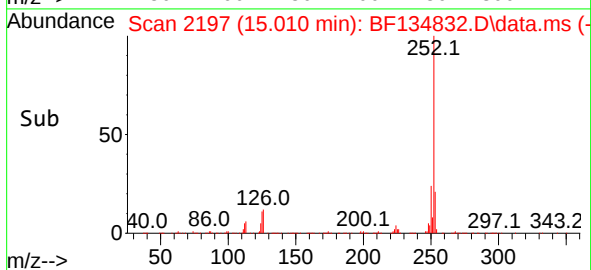
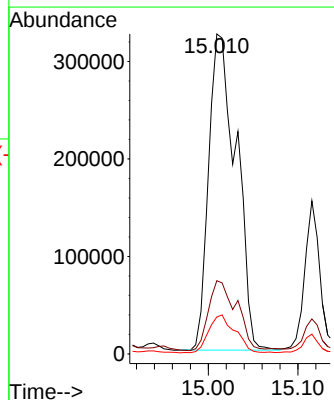
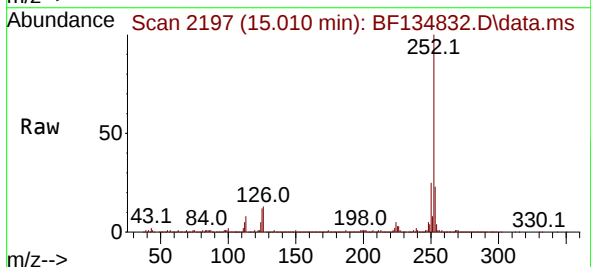
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

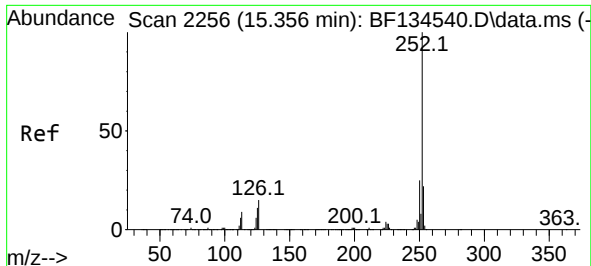
Tgt Ion:252 Resp: 693902
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.6 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 769.732 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.029 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:252 Resp: 693902
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.6 6.3 9.5#

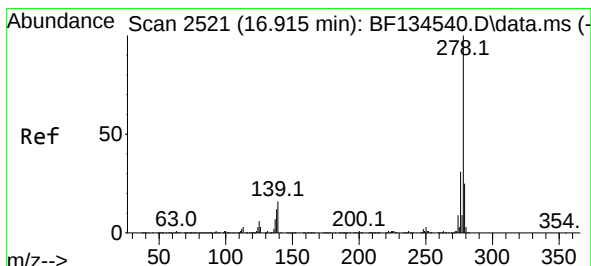
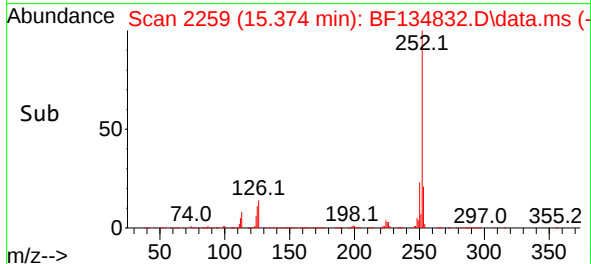
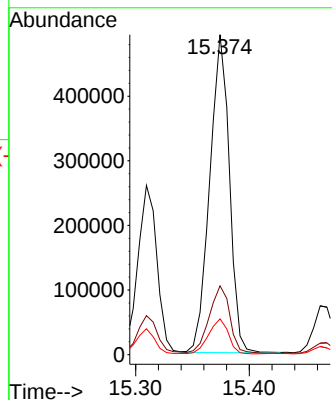
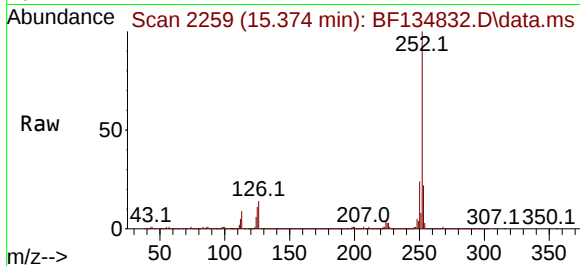




#90
Benzo(a)pyrene
Concen: 699.498 ng
RT: 15.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

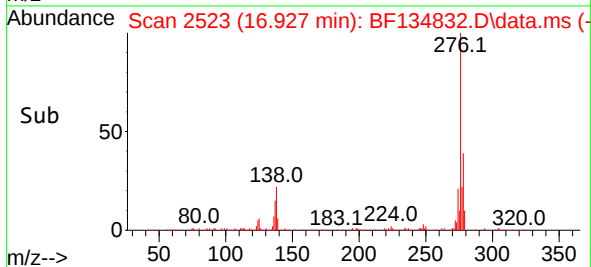
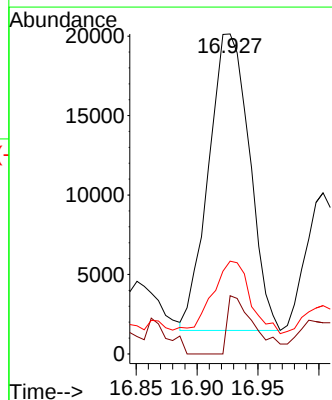
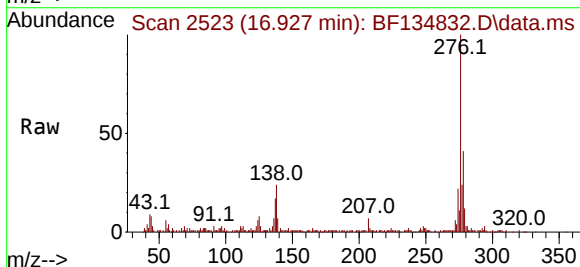
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

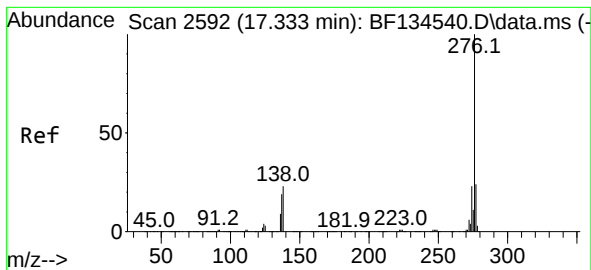
Tgt Ion:252 Resp: 590211
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 11.2 6.2 9.4#



#91
Dibenzo(a,h)anthracene
Concen: 61.743 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.023 min
Lab File: BF134832.D
Acq: 18 Aug 2023 10:00

Tgt Ion:278 Resp: 43544
Ion Ratio Lower Upper
278 100
139 18.2 10.0 15.0#
279 29.0 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 228.179 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134832.D

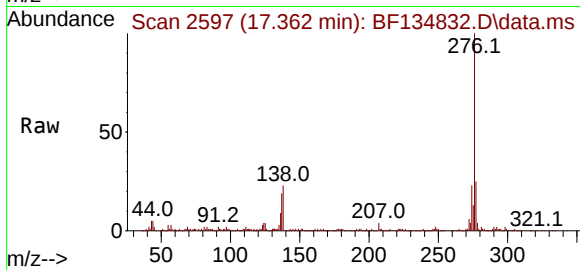
Acq: 18 Aug 2023 10:00

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB05-Z26-27



Tgt Ion:276 Resp: 164151

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.6

138 23.4 12.2 18.2#

