

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134744.D
 Acq On : 11 Aug 2023 21:21
 Operator : CG\JU
 Sample : 03958-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z64-65

Quant Time: Aug 11 22:25:27 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	6.804	152	163607	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	200026	20.000	ng	# 0.02
39) Acenaphthene-d10	9.851	164	268727	20.000	ng	0.02
64) Phenanthrene-d10	11.339	188	307732	20.000	ng	# 0.02
76) Chrysene-d12	14.004	240	211402	20.000	ng	# 0.03
86) Perylene-d12	15.463	264	232216	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	398887	37.061	ng	0.00
7) Phenol-d6	6.440	99	563152	40.932	ng	0.00
23) Nitrobenzene-d5	7.369	82	334255	104.429	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	83927	30.637	ng	0.02
45) 2-Fluorobiphenyl	9.163	172	619711	38.343	ng	0.00
79) Terphenyl-d14	12.933	244	529693	44.171	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	230932	32.592	ng	# 1
18) Hexachloroethane	7.310	117	307164	77.738	ng	# 4
22) Acetophenone	7.198	105	141036	30.542	ng	# 50
24) Nitrobenzene	7.422	77	146683	42.419	ng	# 8
26) 2-Nitrophenol	7.710	139	3274	6.795	ng	# 1
28) bis(2-Chloroethoxy)met...	7.839	93	19427	4.652	ng	# 70
31) Naphthalene	8.192	128	25528765	2539.435	ng	# 88
32) Benzoic acid	7.881	122	7541	10.970	ng	# 1
33) 4-Chloroaniline	8.192	127	4132246	922.520	ng	# 35
35) Caprolactam	8.557	113	4676	5.126	ng	# 19
36) 4-Chloro-3-methylphenol	8.616	107	6473	2.162	ng	# 1
37) 2-Methylnaphthalene	8.863	142	10200229	1530.769	ng	99
38) 1-Methylnaphthalene	8.957	142	6713329	1083.441	ng	97
46) 1,1'-Biphenyl	9.275	154	2760357	132.093	ng	97
47) 2-Chloronaphthalene	9.339	162	319652	20.415	ng	# 51
48) 2-Nitroaniline	9.369	65	53631	13.428	ng	# 31
49) Acenaphthylene	9.751	152	7804552	317.092	ng	# 92
51) 2,6-Dinitrotoluene	9.557	165	41420	12.959	ng	# 1
52) Acenaphthene	9.898	154	1473729	92.395	ng	96
54) 2,4-Dinitrophenol	9.904	184	1832	8.412	ng	# 1
55) Dibenzofuran	10.057	168	916148	40.348	ng	# 79
56) 4-Nitrophenol	9.957	139	78995	23.659	ng	# 20
57) 2,4-Dinitrotoluene	10.028	165	140179	31.940	ng	# 45
58) Fluorene	10.428	166	3799393	229.726	ng	90
62) 4-Nitroaniline	10.428	138	47670	11.913	ng	# 22
63) Azobenzene	10.557	77	38249	2.051	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.475	198	4573	11.709	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	192293	19.632	ng	# 25
71) Phenanthrene	11.410	178	11035043	675.113	ng	96
72) Anthracene	11.410	178	11035043	660.936	ng	93
73) Carbazole	11.575	167	298087	19.996	ng	# 90
75) Fluoranthene	12.586	202	5415712	313.664	ng	97
78) Pyrene	12.669	202	3277474	179.166	ng	95
81) Benzo(a)anthracene	13.998	228	3718811	246.014	ng	# 82
83) Chrysene	14.033	228	3056287	207.527	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	810686	59.360	ng	# 95

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QLast Update : Fri Aug 04 09:29:15 2023
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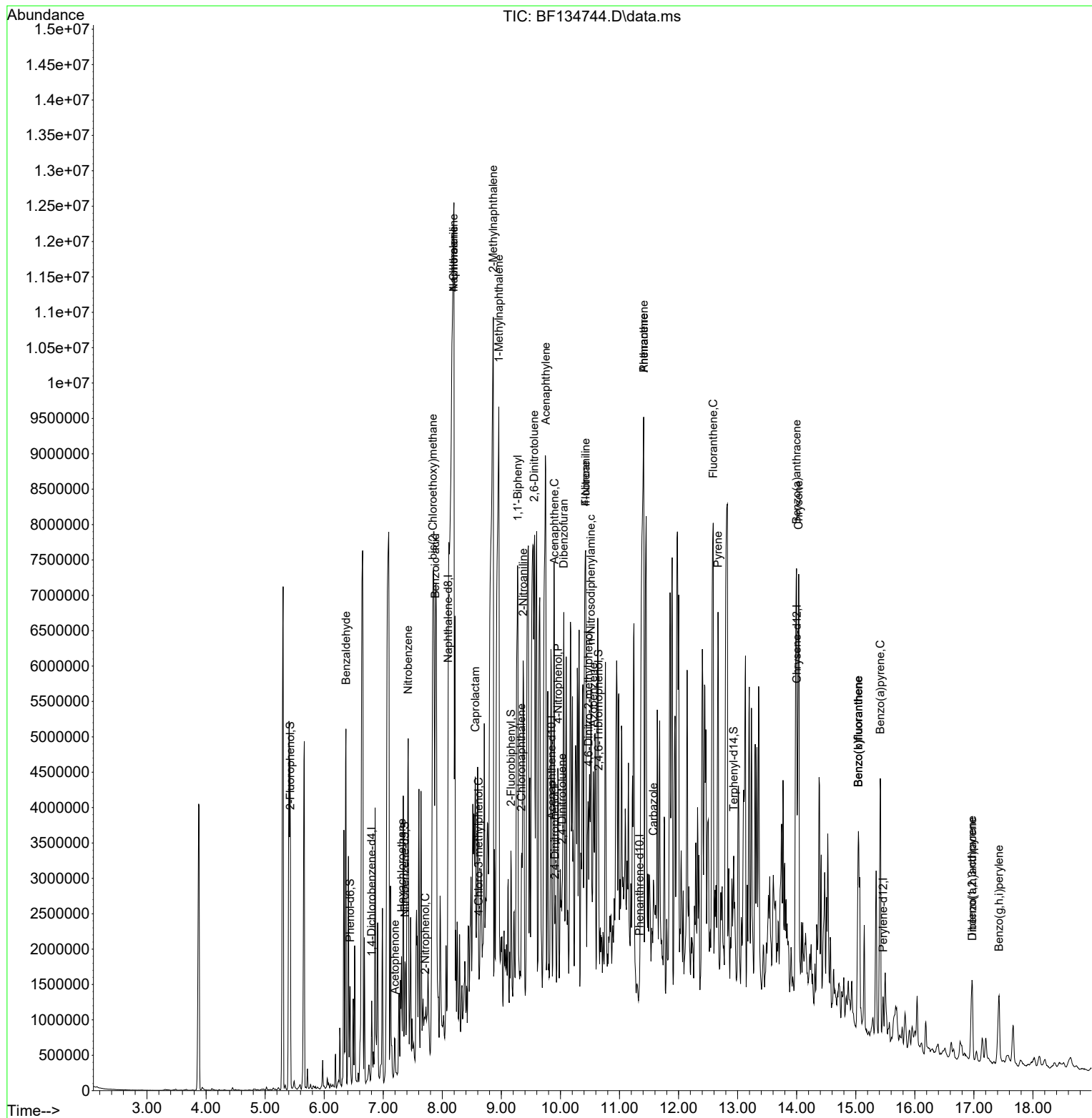
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.045	252	2810723	198.461	ng	# 94
89) Benzo(k)fluoranthene	15.045	252	2810723	199.224	ng	# 95
90) Benzo(a)pyrene	15.415	252	2354480	178.303	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	241843	21.912	ng	# 91
92) Benzo(g,h,i)perylene	17.427	276	881065	78.257	ng	# 93

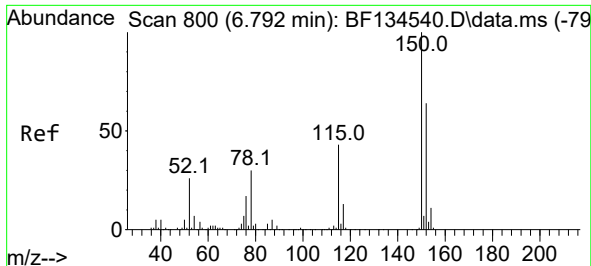
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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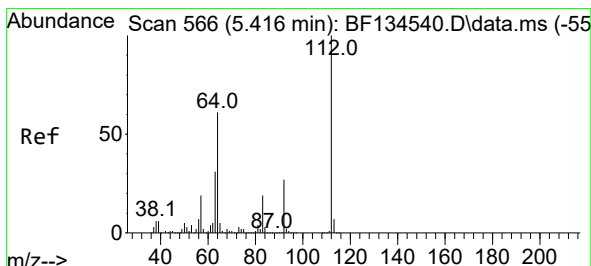
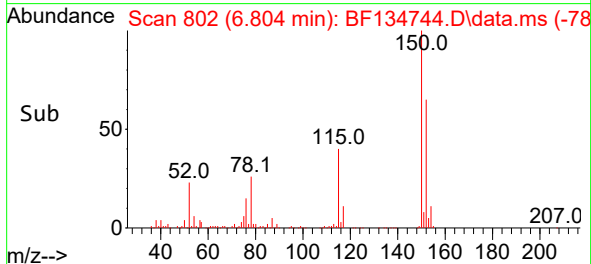
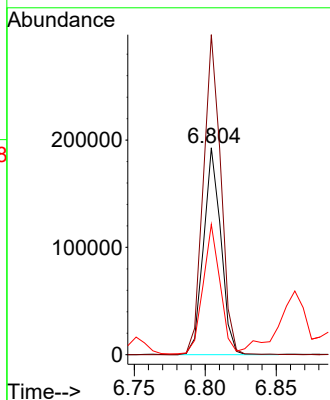
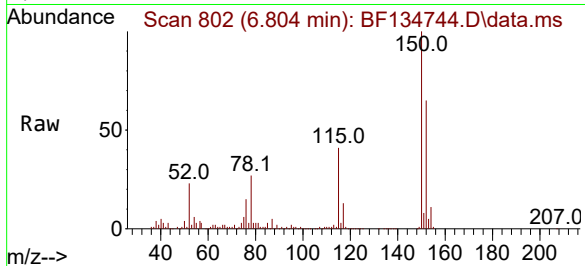




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

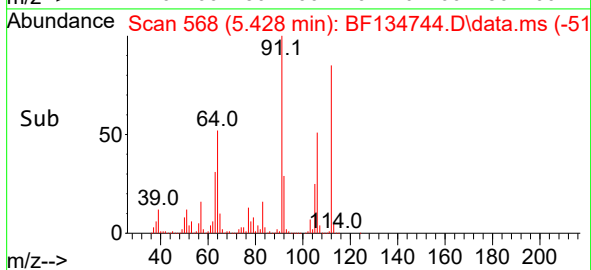
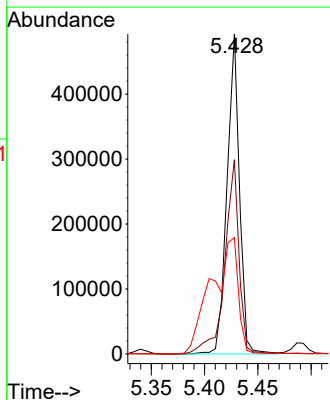
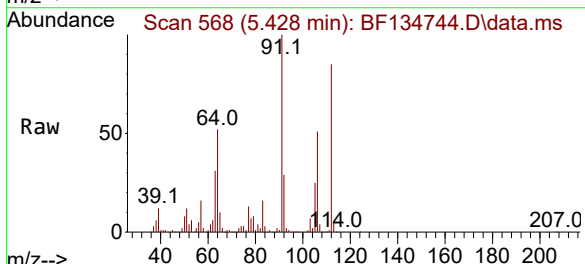
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

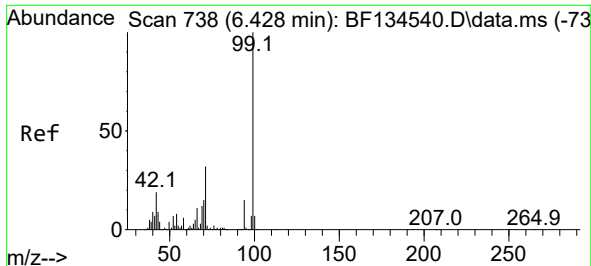
Tgt Ion:152 Resp: 163607
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 63.0 52.4 78.6



#5
2-Fluorophenol
Concen: 37.061 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:112 Resp: 398887
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 36.4 25.4 38.0

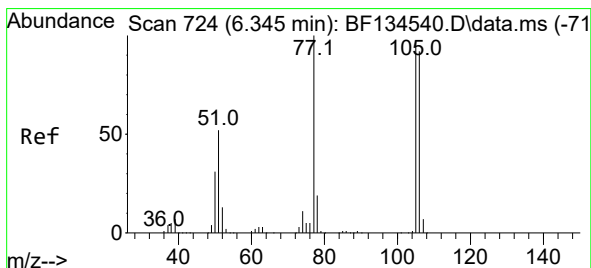
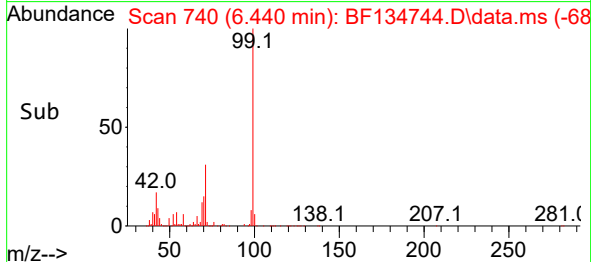
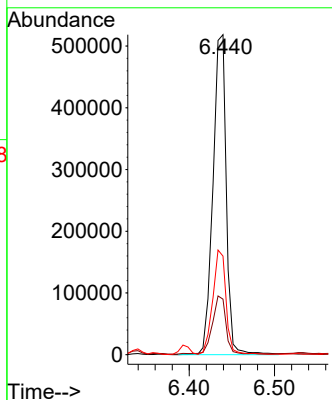
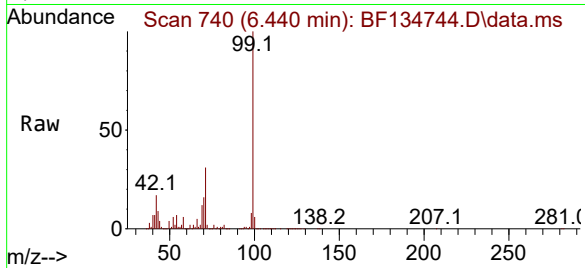




#7
Phenol-d6
Concen: 40.932 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

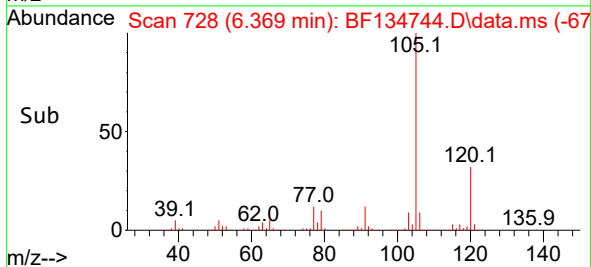
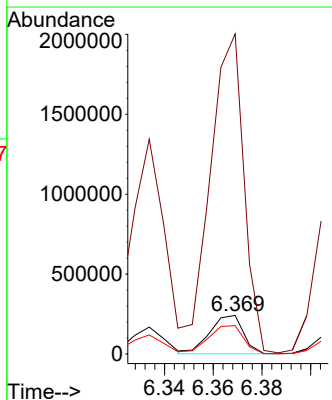
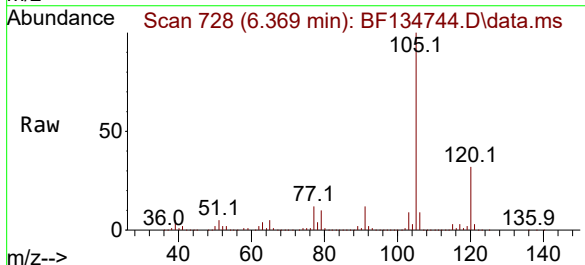
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

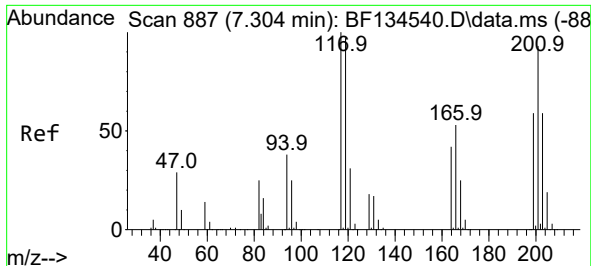
Tgt Ion: 99 Resp: 563152
Ion Ratio Lower Upper
99 100
42 17.4 18.7 28.1#
71 30.8 36.4 54.6#



#9
Benzaldehyde
Concen: 32.592 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 77 Resp: 230932
Ion Ratio Lower Upper
77 100
105 830.6 77.1 117.1#
106 73.7 71.4 111.4

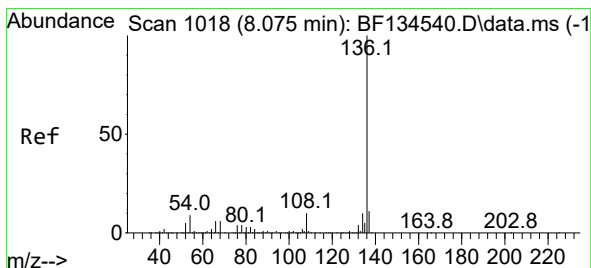
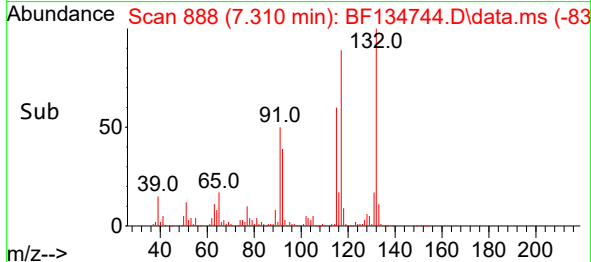
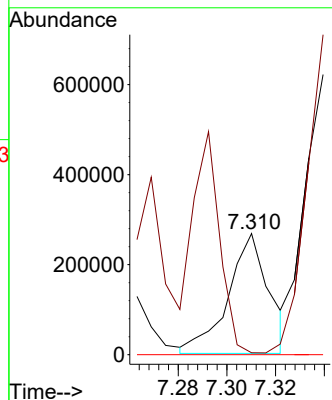
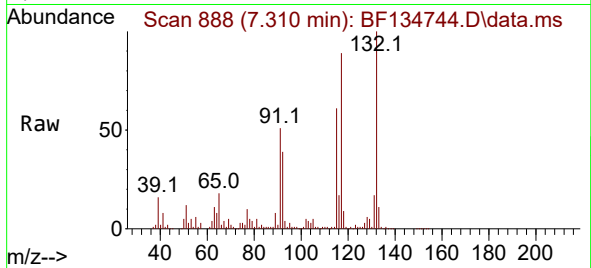




#18
Hexachloroethane
Concen: 77.738 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

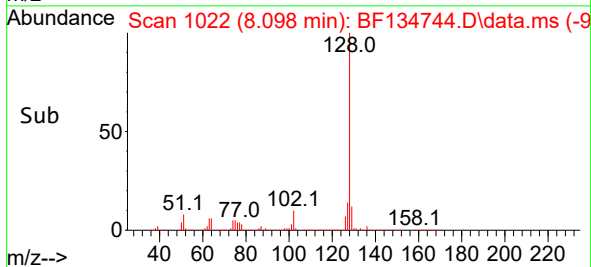
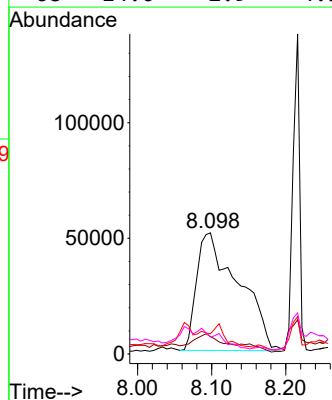
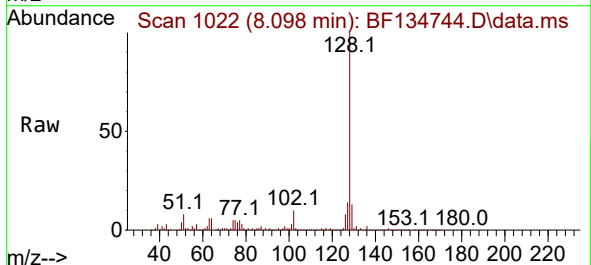
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

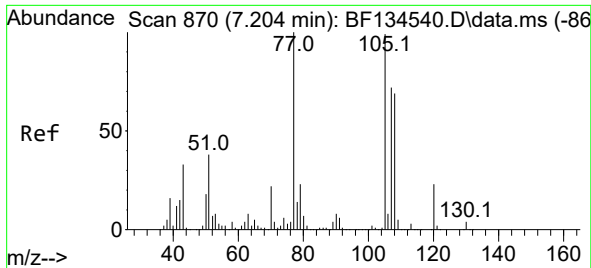
Tgt Ion:117 Resp: 307164
Ion Ratio Lower Upper
117 100
119 1.6 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:136 Resp: 200026
Ion Ratio Lower Upper
136 100
137 14.4 8.4 12.6#
54 16.7 5.2 7.8#
68 14.0 2.9 4.3#

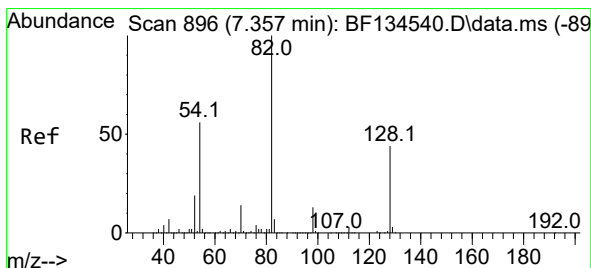
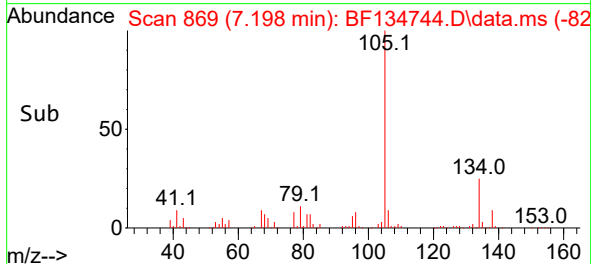
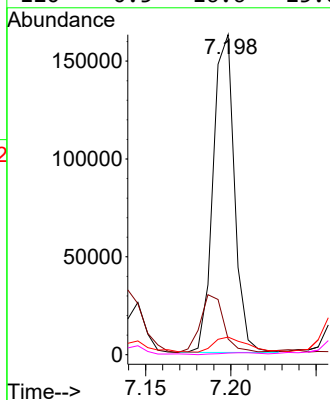
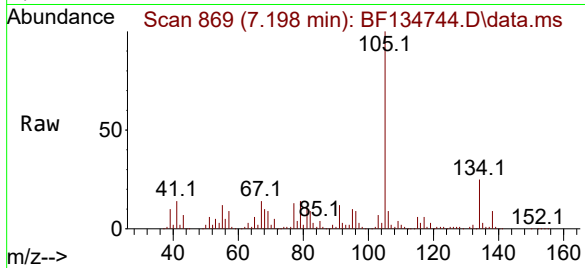




#22
Acetophenone
Concen: 30.542 ng
RT: 7.198 min Scan# 810
Delta R.T. -0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

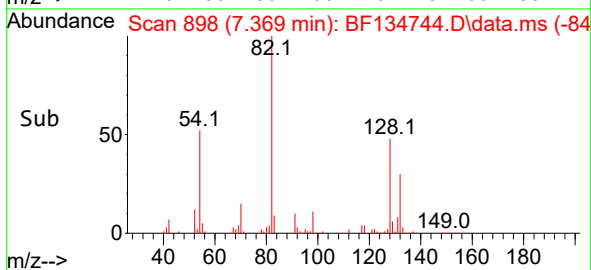
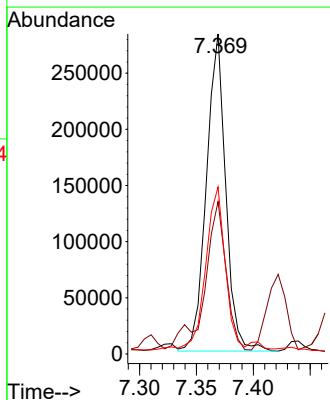
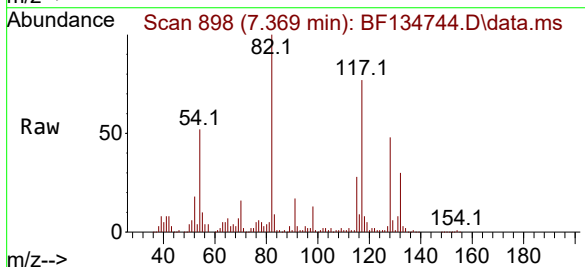
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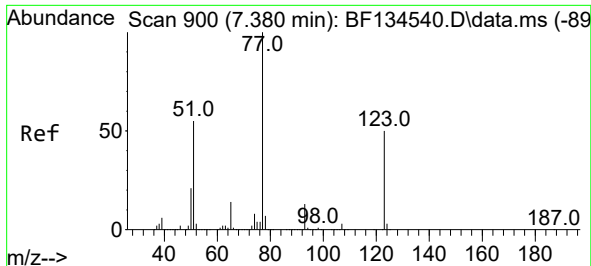
Tgt Ion:105 Resp: 141036
Ion Ratio Lower Upper
105 100
71 4.9 7.4 11.0#
51 5.5 36.4 54.6#
120 0.5 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 104.429 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 82 Resp: 334255
Ion Ratio Lower Upper
82 100
128 47.6 34.3 51.5
54 52.2 43.8 65.6

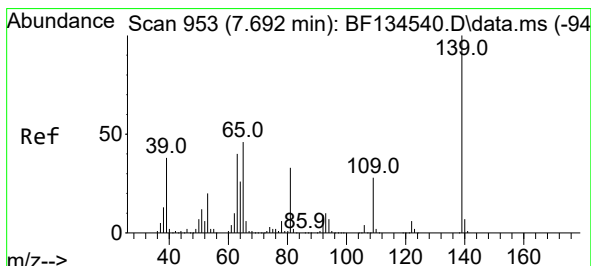
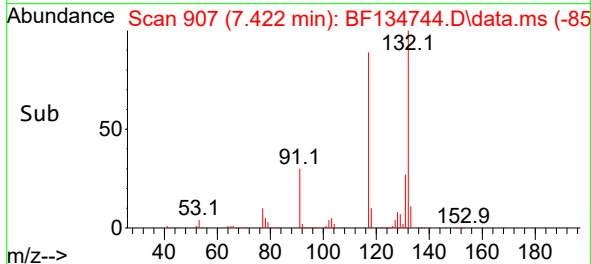
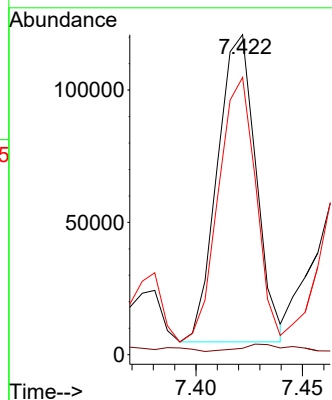
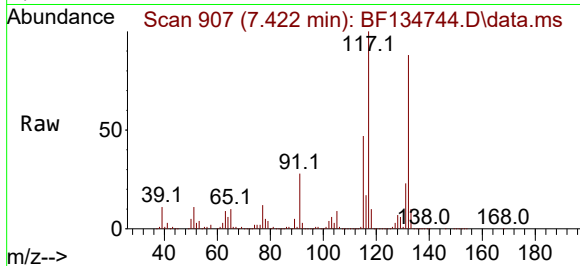




#24
Nitrobenzene
Concen: 42.419 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.035 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

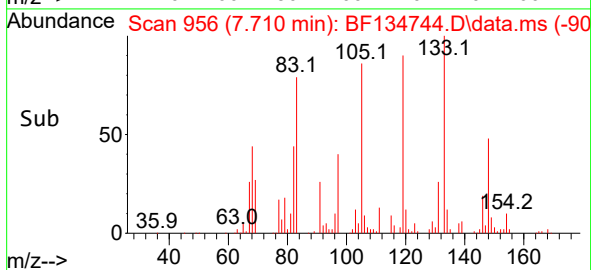
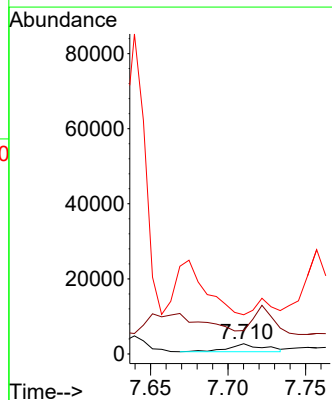
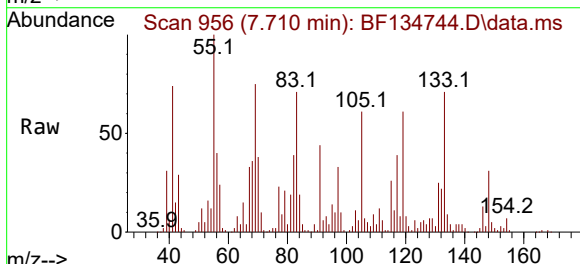
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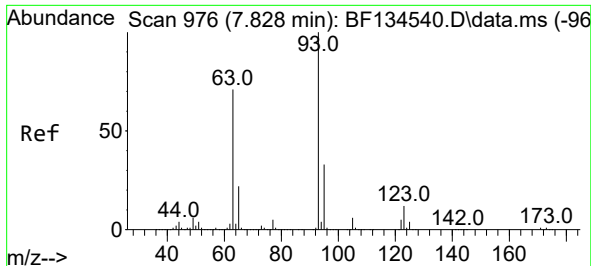
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Ion Ratio Lower Upper
77 100
123 2.0 35.5 53.3#
65 86.6 11.9 17.9#



#26
2-Nitrophenol
Concen: 6.795 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 139 Resp: 3274
Ion Ratio Lower Upper
139 100
109 225.7 29.8 44.6#
65 380.2 45.4 68.2#

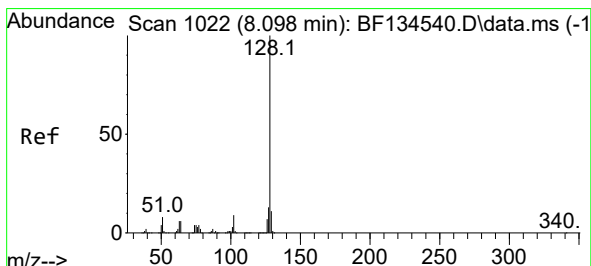
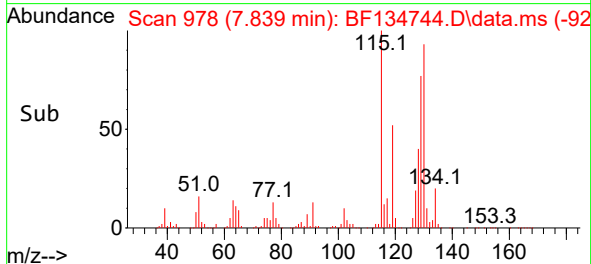
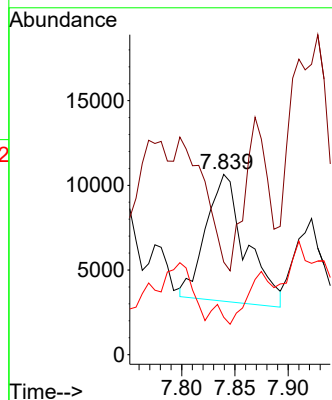
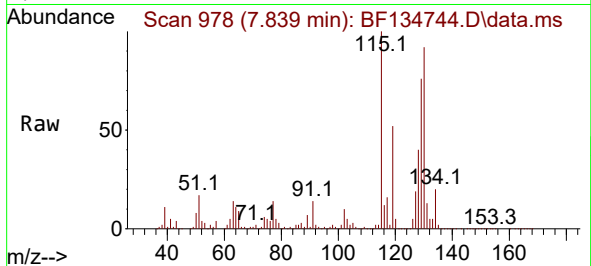




#28
bis(2-Chloroethoxy)methane
Concen: 4.652 ng
RT: 7.839 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

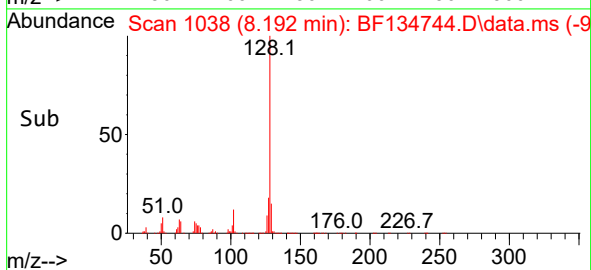
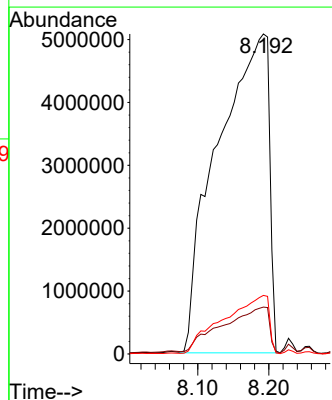
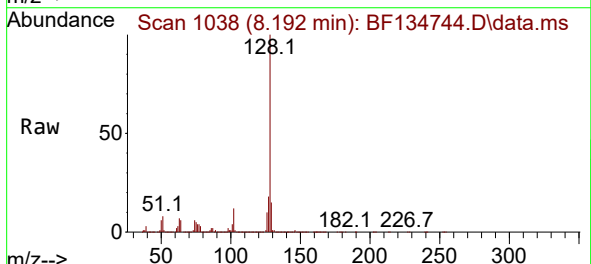
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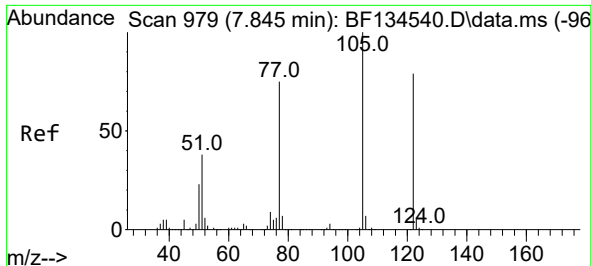
Tgt Ion: 93 Resp: 19427
Ion Ratio Lower Upper
93 100
95 51.4 26.5 39.7#
123 20.7 9.6 14.4#



#31
Naphthalene
Concen: 2539.435 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.088 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 128 Resp: 25528765
Ion Ratio Lower Upper
128 100
129 14.7 8.4 12.6#
127 18.3 10.7 16.1#

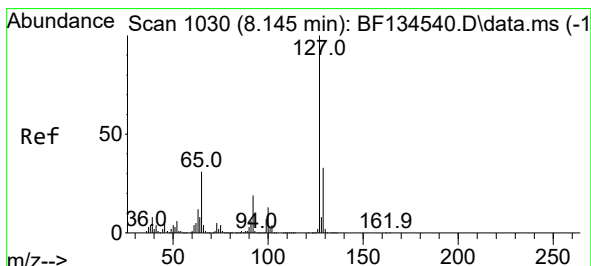
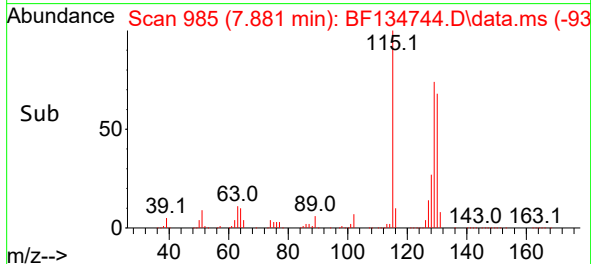
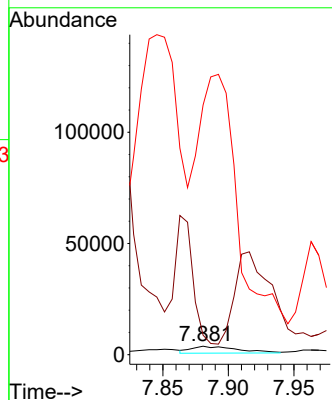
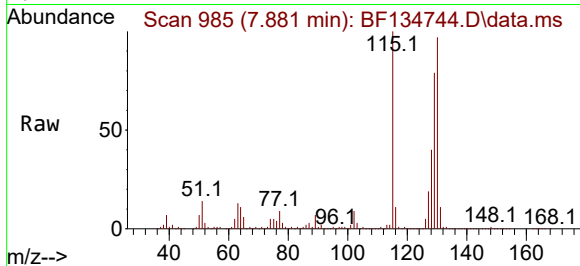




#32
Benzoic acid
Concen: 10.970 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

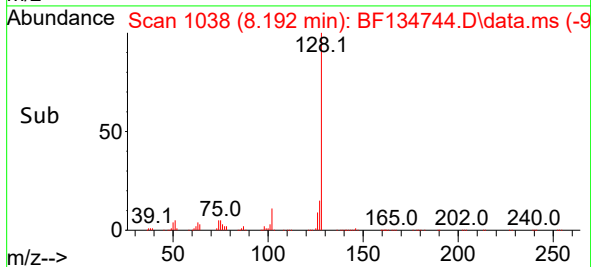
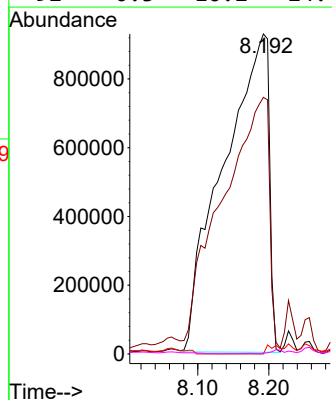
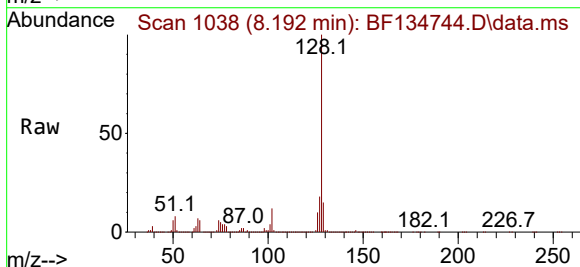
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

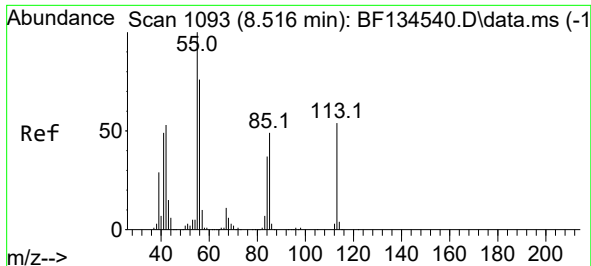
Tgt Ion:122 Resp: 7541
Ion Ratio Lower Upper
122 100
105 231.5 87.5 127.5#
77 2969.3 71.4 111.4#



#33
4-Chloroaniline
Concen: 922.520 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.041 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:127 Resp: 4132246
Ion Ratio Lower Upper
127 100
129 80.2 25.6 38.4#
65 0.0 25.4 38.0#
92 0.3 16.2 24.4#

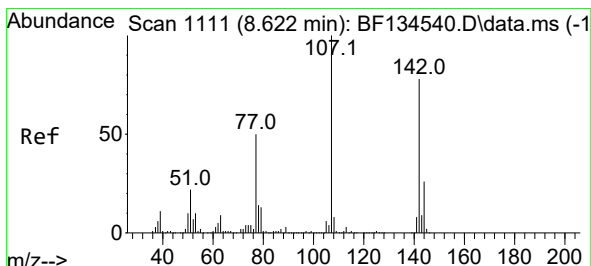
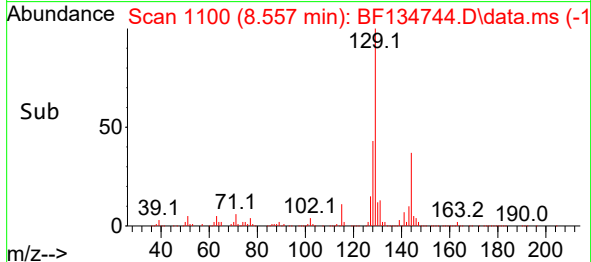
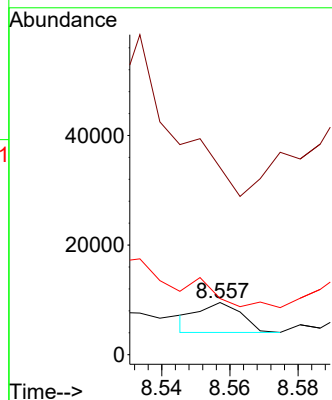
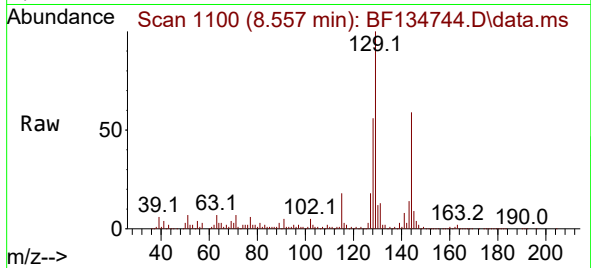




#35
Caprolactam
Concen: 5.126 ng
RT: 8.557 min Scan# 1100
Delta R.T. 0.024 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

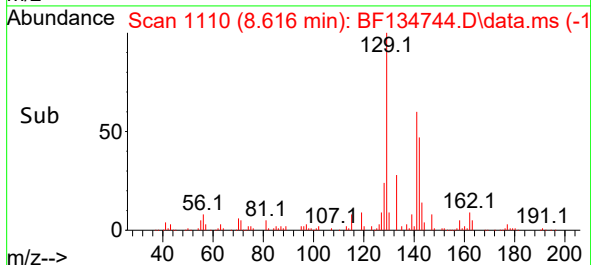
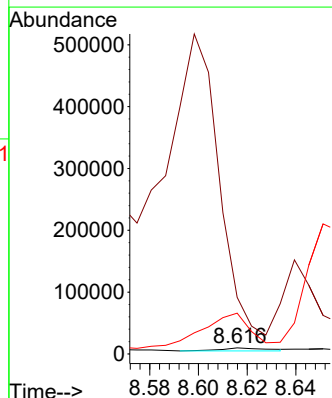
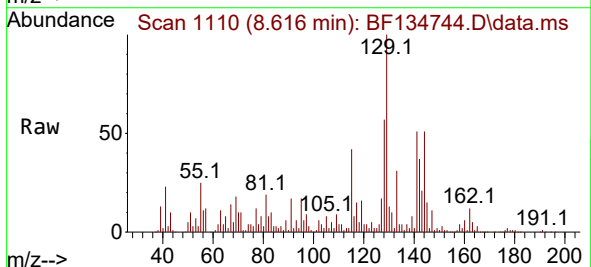
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

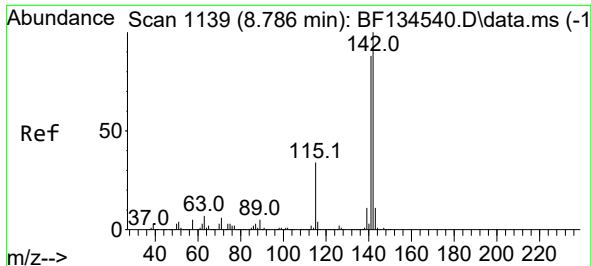
Tgt Ion:113 Resp: 4676
Ion Ratio Lower Upper
113 100
55 358.3 161.5 201.5#
56 107.6 117.8 157.8#



#36
4-Chloro-3-methylphenol
Concen: 2.162 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:107 Resp: 6473
Ion Ratio Lower Upper
107 100
144 940.8 19.6 29.4#
142 676.6 57.7 86.5#

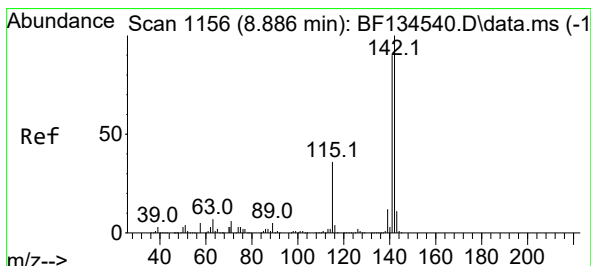
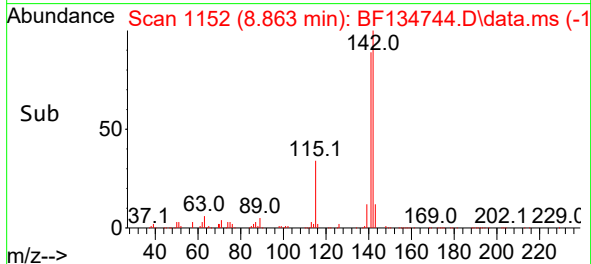
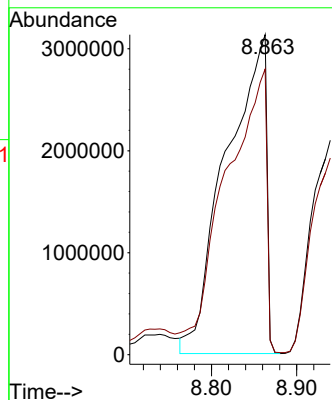
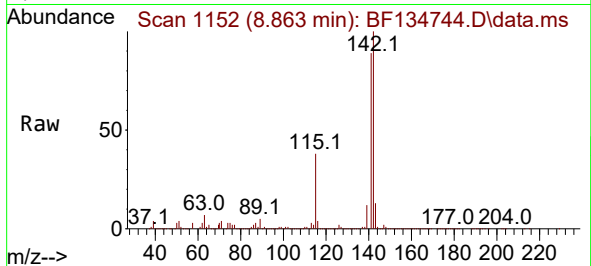




#37
2-Methylnaphthalene
Concen: 1530.769 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.071 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

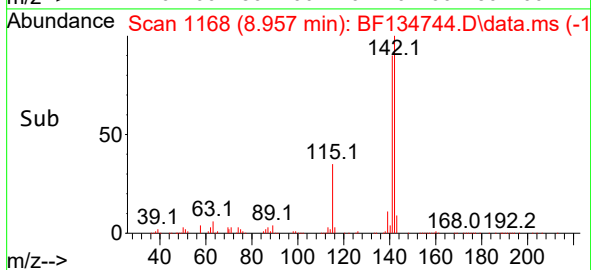
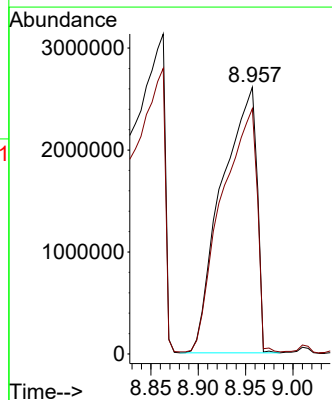
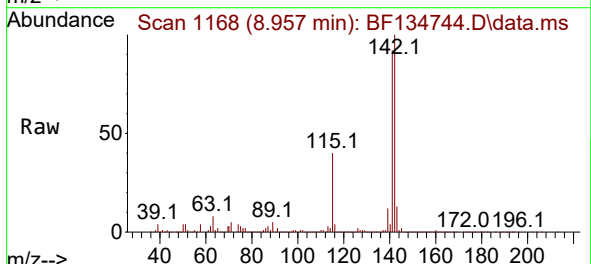
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

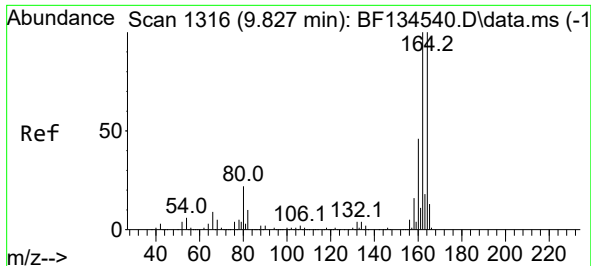
Tgt Ion:142 Resp:10200229
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 1083.441 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.065 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:142 Resp: 6713329
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2

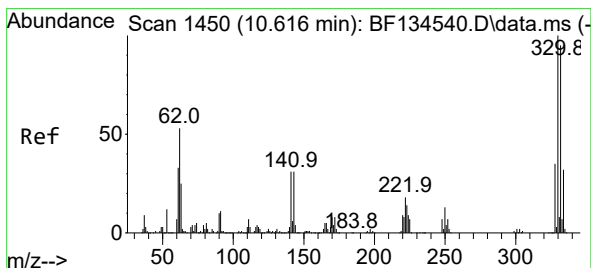
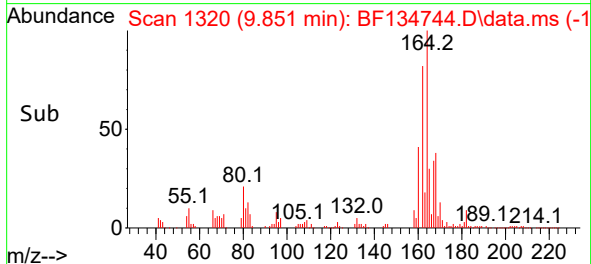
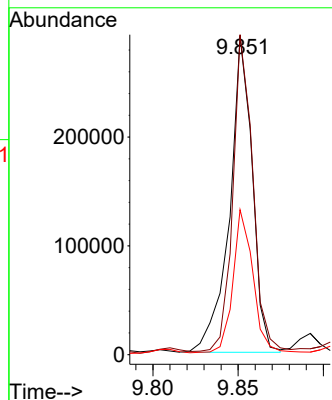
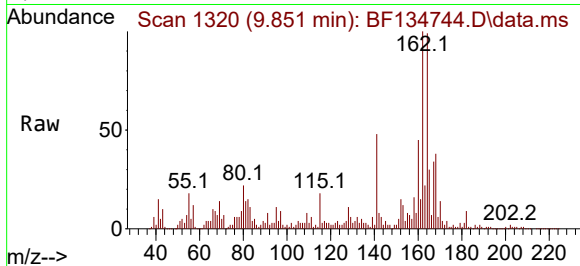




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

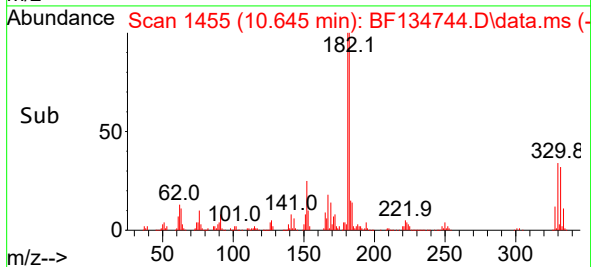
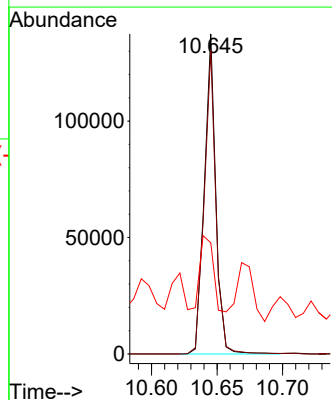
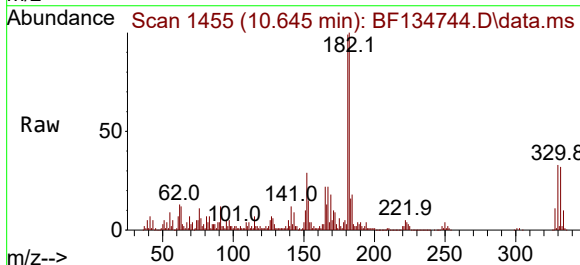
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

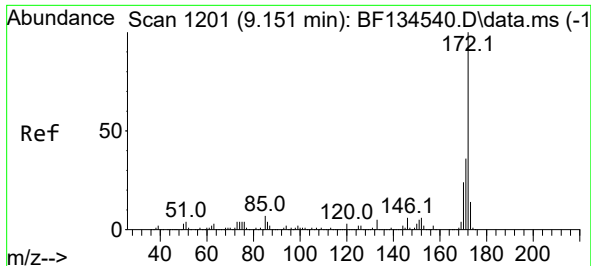
Tgt Ion:164 Resp: 268727
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 30.637 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:330 Resp: 83927
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 27.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 38.343 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z64-65

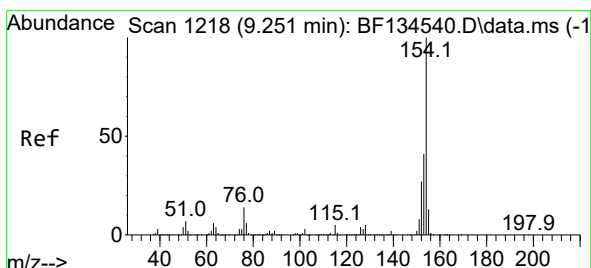
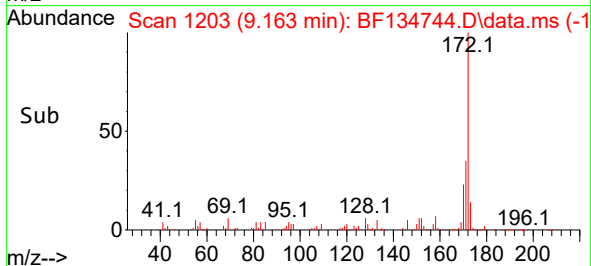
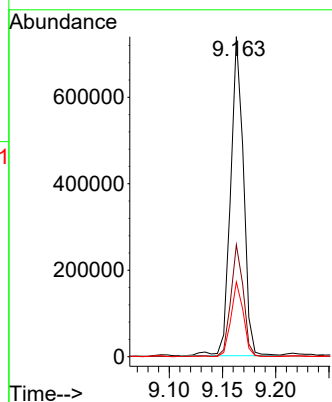
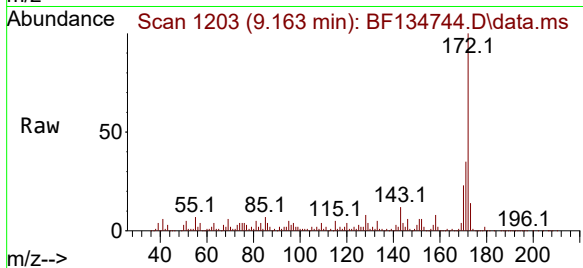
Tgt Ion:172 Resp: 619711

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 132.093 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.012 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

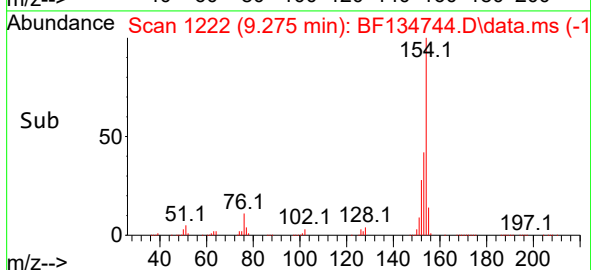
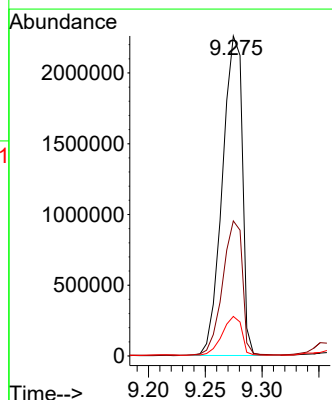
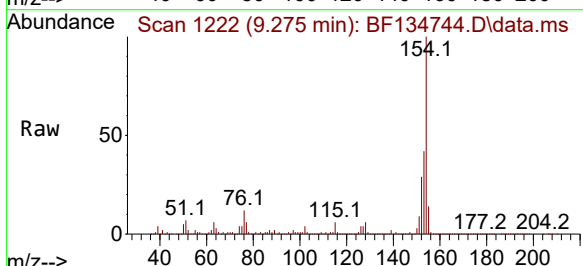
Tgt Ion:154 Resp: 2760357

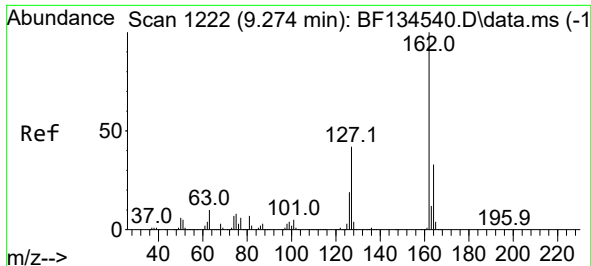
Ion Ratio Lower Upper

154 100

153 42.2 20.8 60.8

76 12.4 0.0 30.2

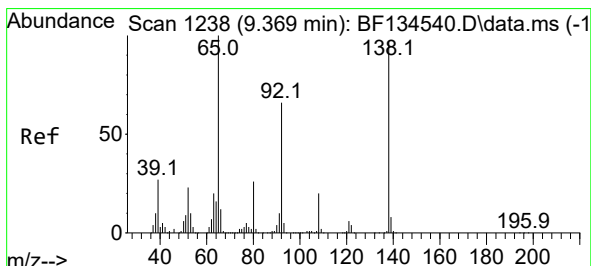
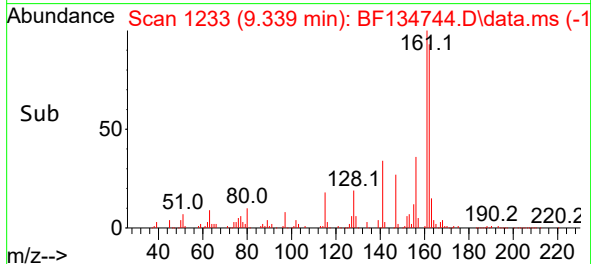
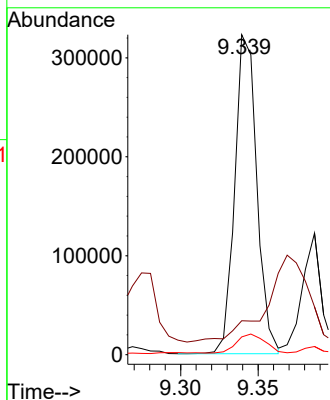
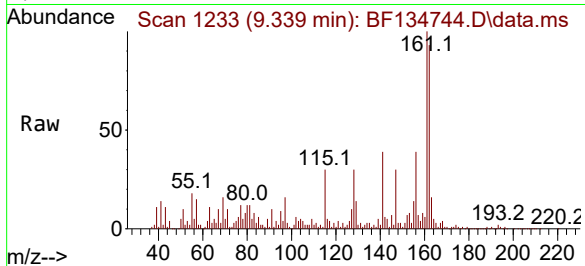




#47
2-Chloronaphthalene
Concen: 20.415 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

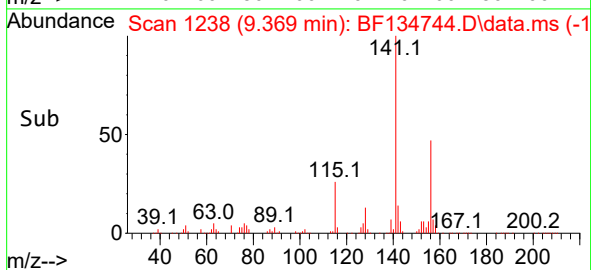
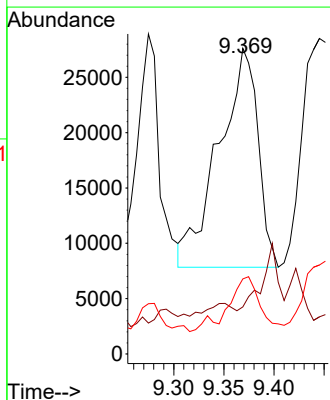
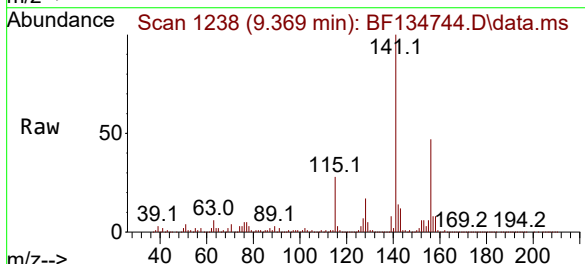
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

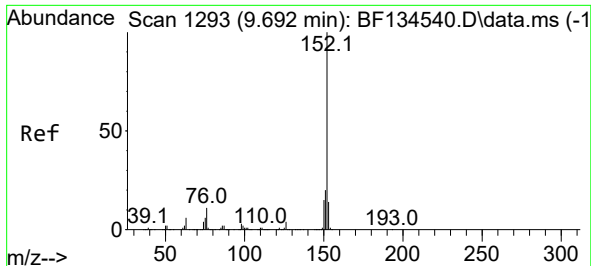
Tgt Ion:162 Resp: 319652
Ion Ratio Lower Upper
162 100
127 10.6 34.0 51.0#
164 5.5 25.7 38.5#



#48
2-Nitroaniline
Concen: 13.428 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 65 Resp: 53631
Ion Ratio Lower Upper
65 100
92 15.4 50.7 76.1#
138 24.6 78.2 117.4#

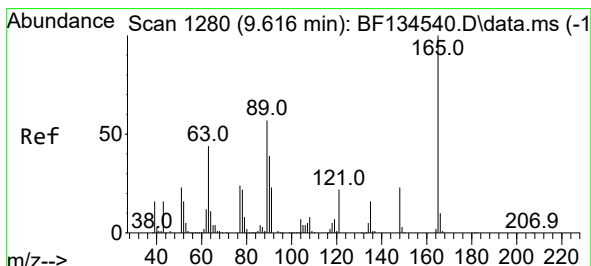
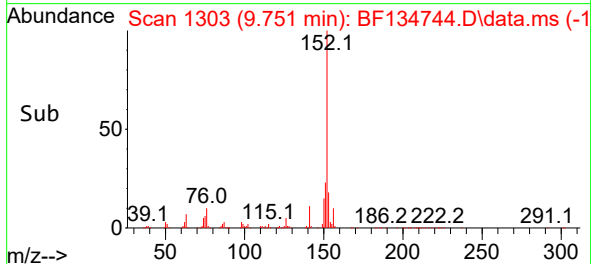
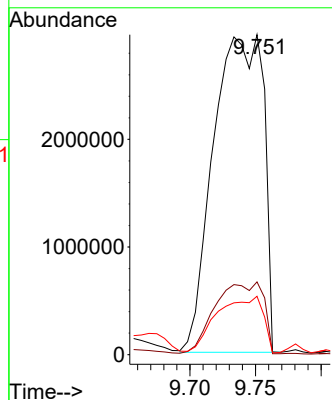
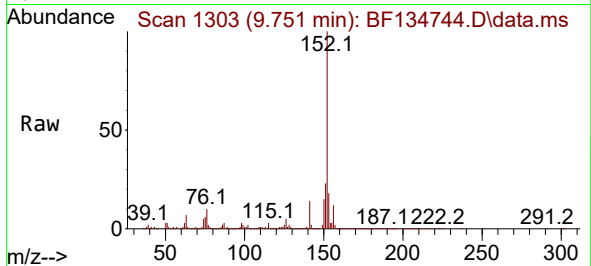




#49
Acenaphthylene
Concen: 317.092 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

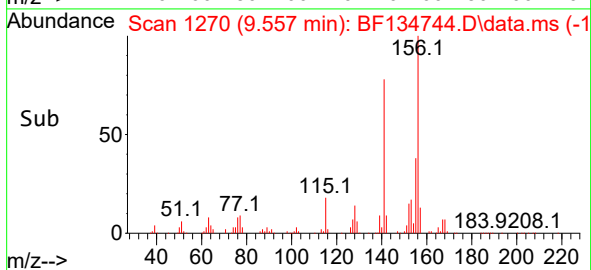
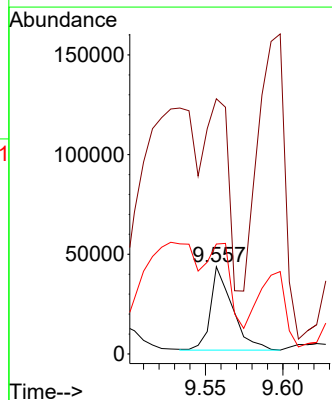
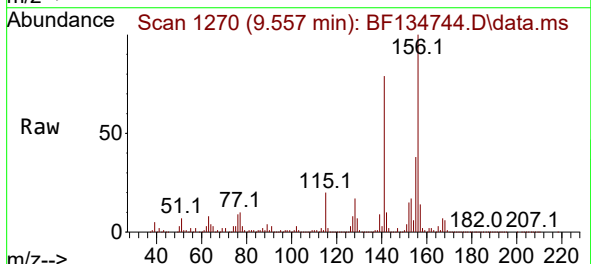
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

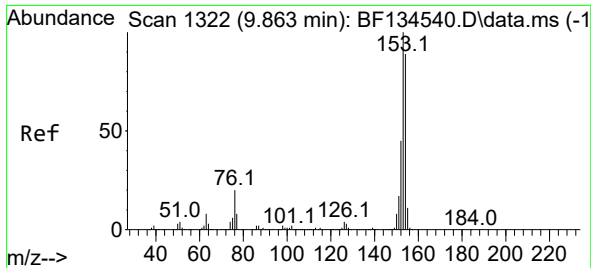
Tgt Ion:152 Resp: 7804552
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6
153 18.3 10.9 16.3#



#51
2,6-Dinitrotoluene
Concen: 12.959 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.070 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:165 Resp: 41420
Ion Ratio Lower Upper
165 100
63 292.4 57.8 86.6#
89 126.0 51.8 77.8#

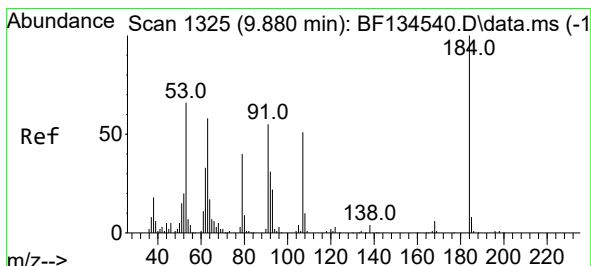
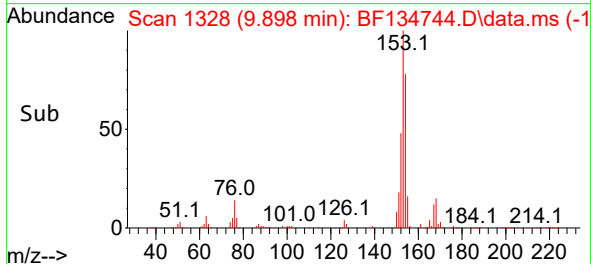
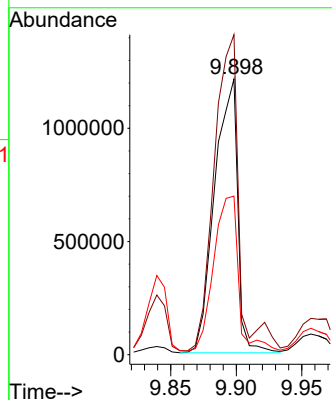
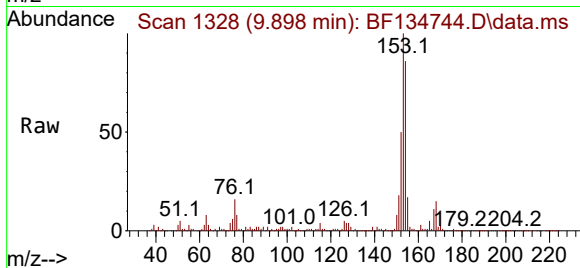




#52
Acenaphthene
Concen: 92.395 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.024 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

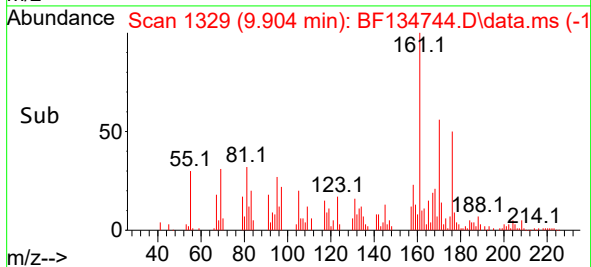
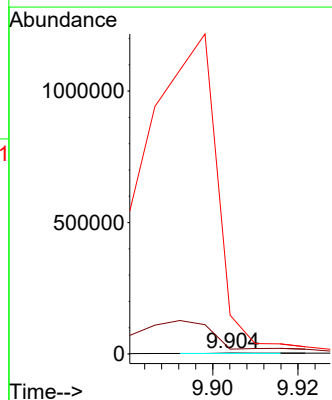
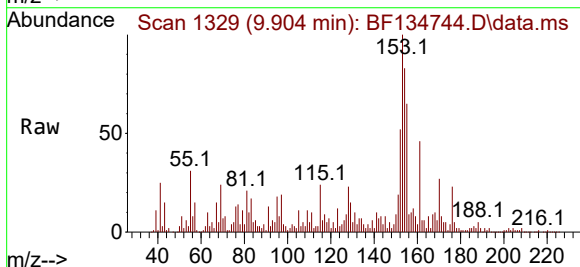
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

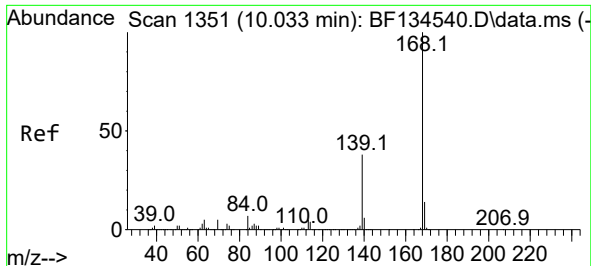
Tgt Ion:154 Resp: 1473729
Ion Ratio Lower Upper
154 100
153 116.1 90.0 135.0
152 57.5 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 8.412 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:184 Resp: 1832
Ion Ratio Lower Upper
184 100
63 473.5 57.1 85.7#
154 3812.9 59.1 88.7#

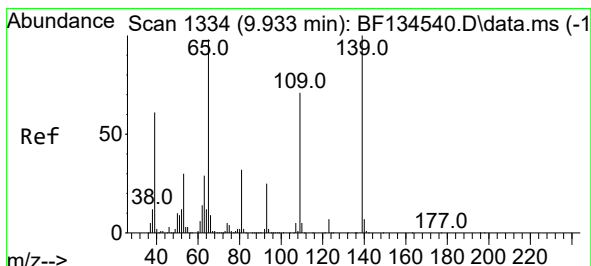
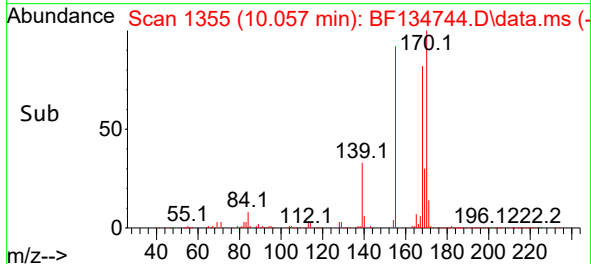
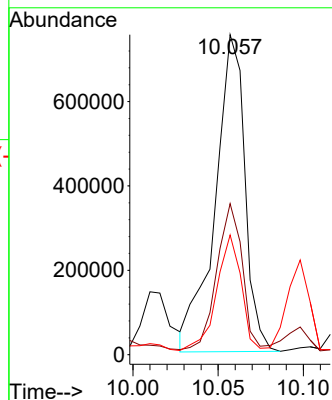
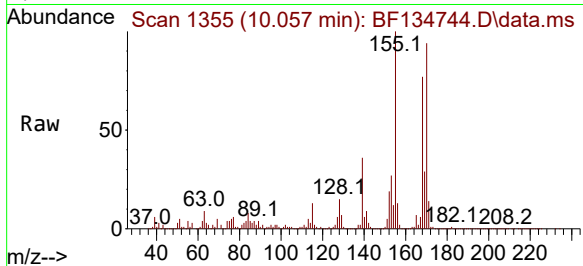




#55
Dibenzenofuran
Concen: 40.348 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

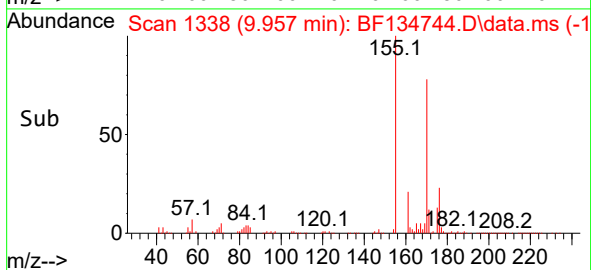
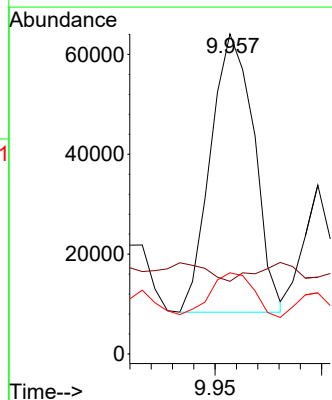
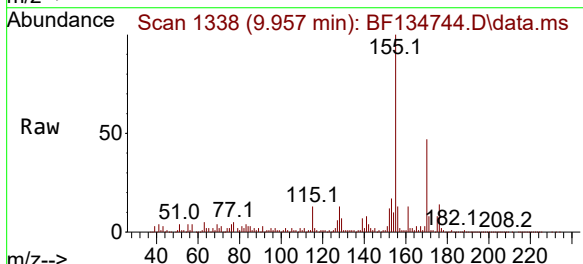
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

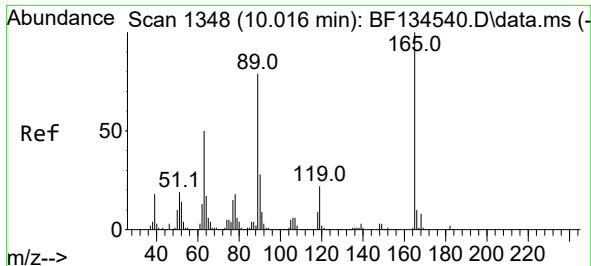
Tgt Ion:168 Resp: 916148
Ion Ratio Lower Upper
168 100
139 47.2 33.4 50.2
169 37.4 10.6 15.8#



#56
4-Nitrophenol
Concen: 23.659 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:139 Resp: 78995
Ion Ratio Lower Upper
139 100
109 22.7 76.9 116.9#
65 25.3 98.5 138.5#





#57

2,4-Dinitrotoluene

Concen: 31.940 ng

RT: 10.028 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z64-65

Tgt Ion:165 Resp: 140179

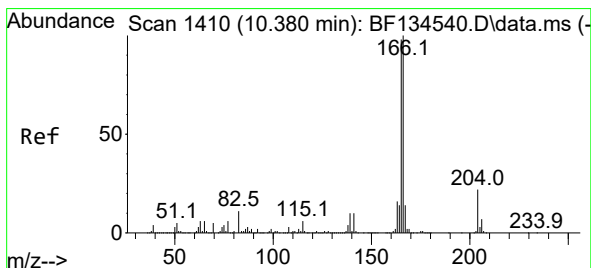
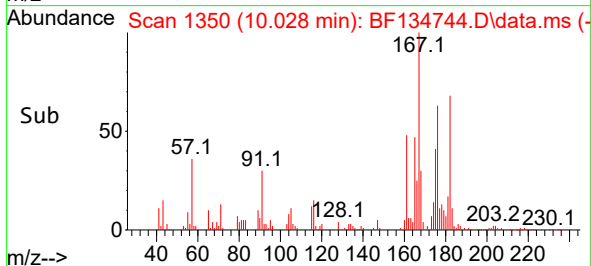
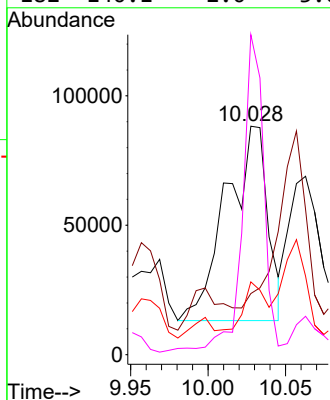
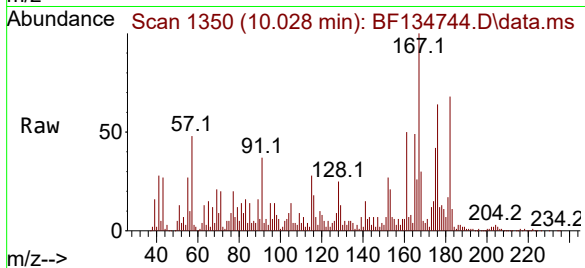
Ion Ratio Lower Upper

165 100

63 26.8 48.9 73.3#

89 31.9 61.7 92.5#

182 140.1 2.0 3.0#



#58

Fluorene

Concen: 229.726 ng

RT: 10.428 min Scan# 1418

Delta R.T. 0.041 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

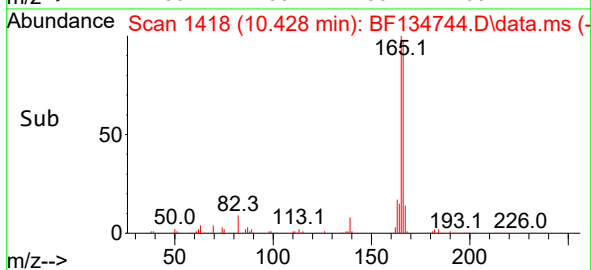
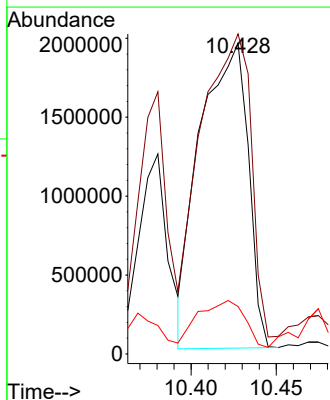
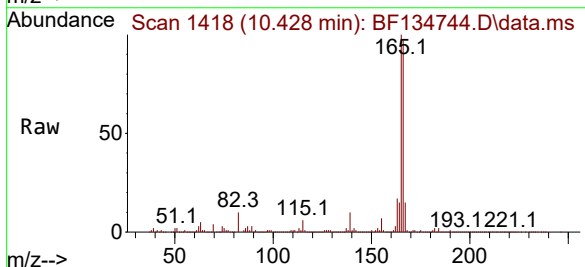
Tgt Ion:166 Resp: 3799393

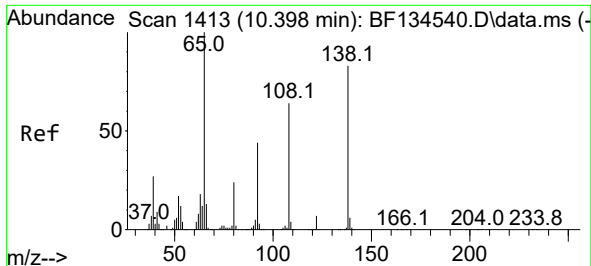
Ion Ratio Lower Upper

166 100

165 102.9 74.5 111.7

167 15.3 10.6 16.0

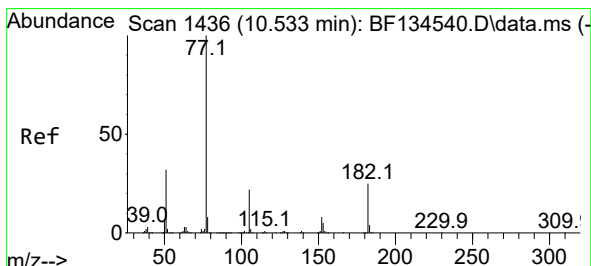
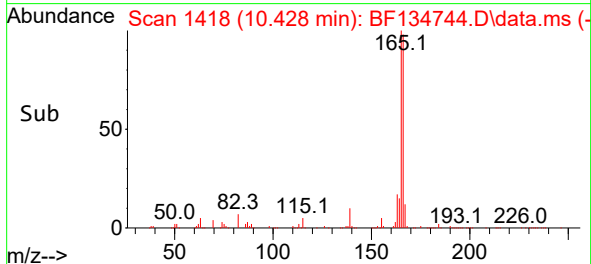
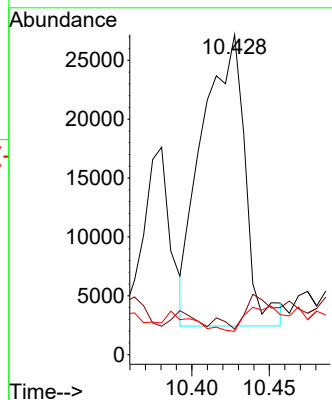
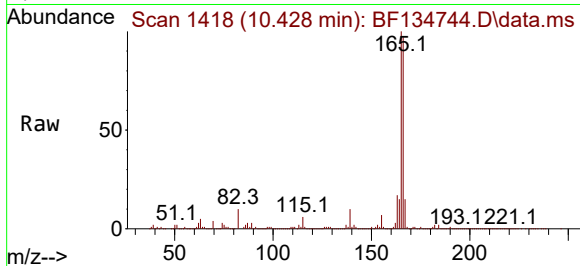




#62
4-Nitroaniline
Concen: 11.913 ng
RT: 10.428 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

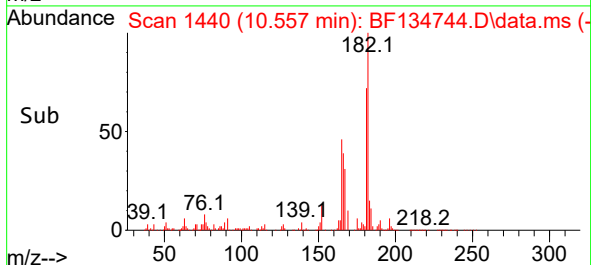
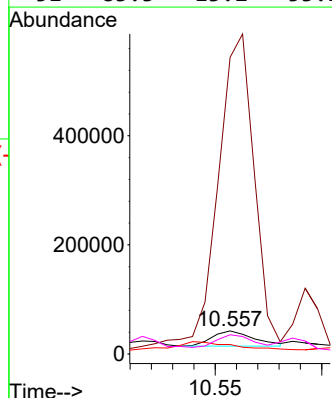
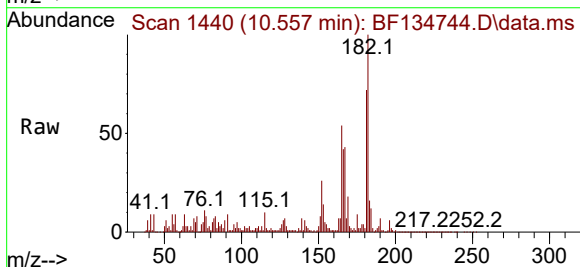
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

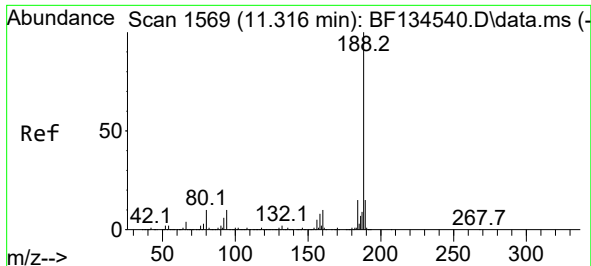
Tgt Ion:138 Resp: 47670
Ion Ratio Lower Upper
138 100
92 8.0 27.0 67.0#
108 7.3 70.4 110.4#



#63
Azobenzene
Concen: 2.051 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion: 77 Resp: 38249
Ion Ratio Lower Upper
77 100
182 1287.5 7.5 47.5#
105 40.8 1.9 41.9
51 83.3 13.2 53.2#

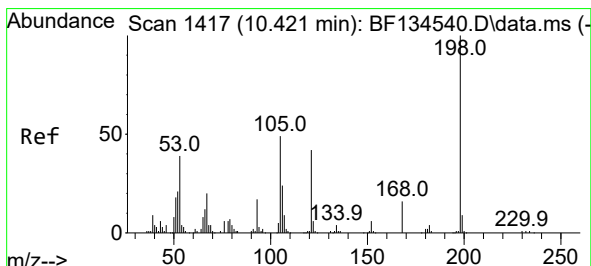
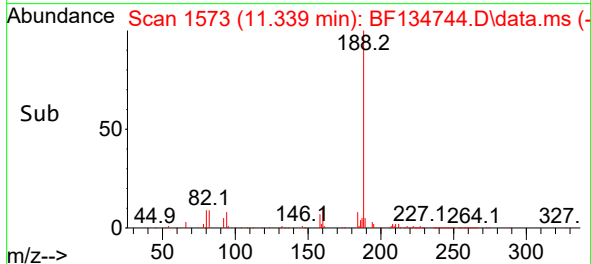
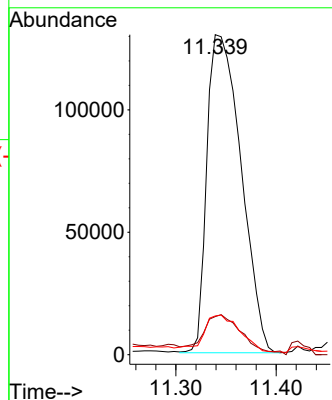
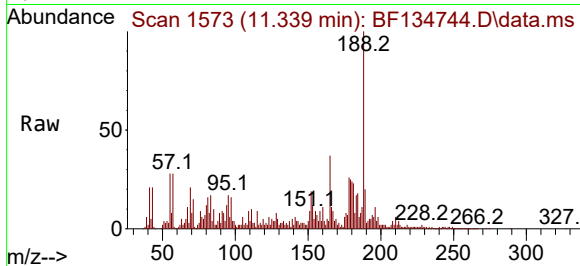




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

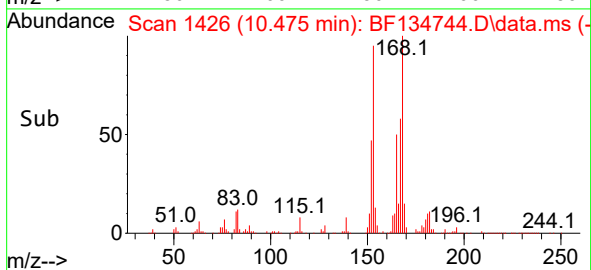
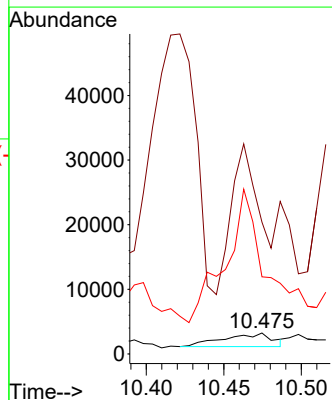
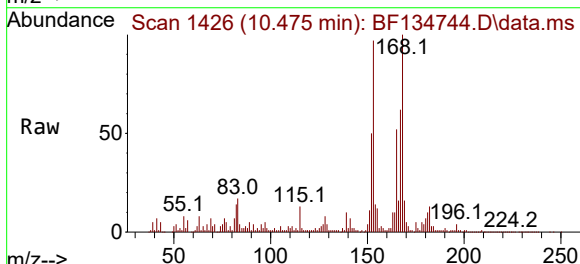
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

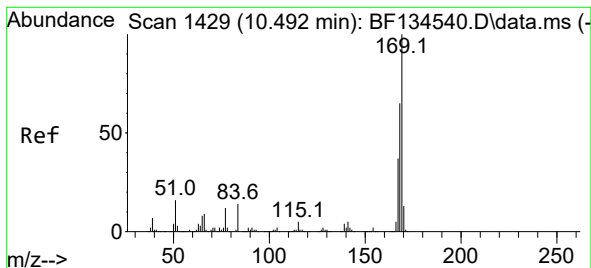
Tgt Ion:188 Resp: 307732
Ion Ratio Lower Upper
188 100
94 11.9 5.1 7.7#
80 12.1 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 11.709 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.035 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:198 Resp: 4573
Ion Ratio Lower Upper
198 100
51 630.4 38.6 78.6#
105 368.8 27.9 67.9#

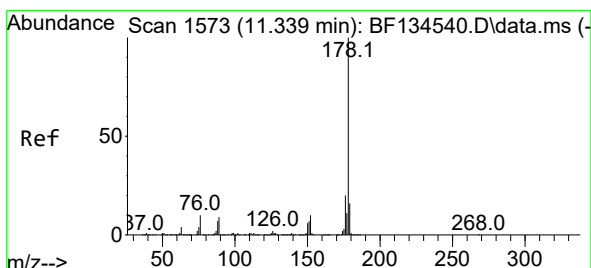
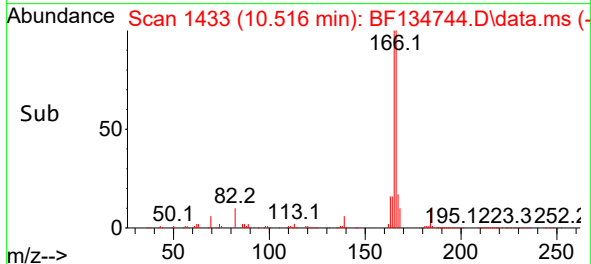
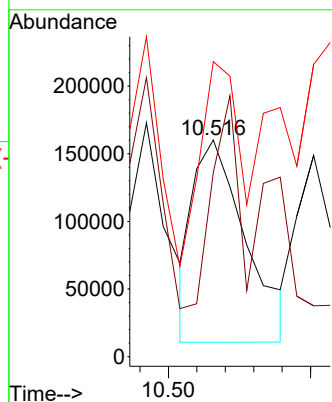
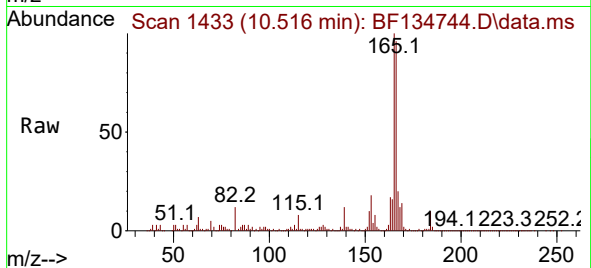




#66
n-Nitrosodiphenylamine
Concen: 19.632 ng
RT: 10.516 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

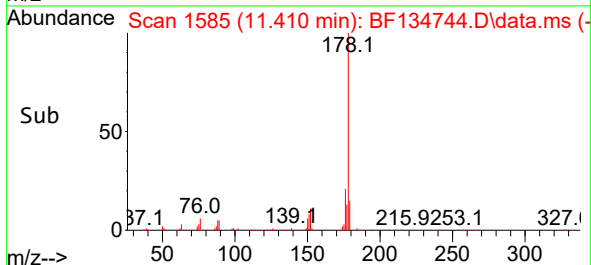
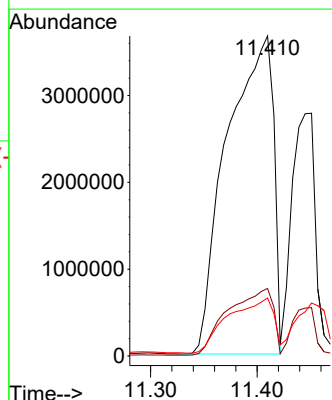
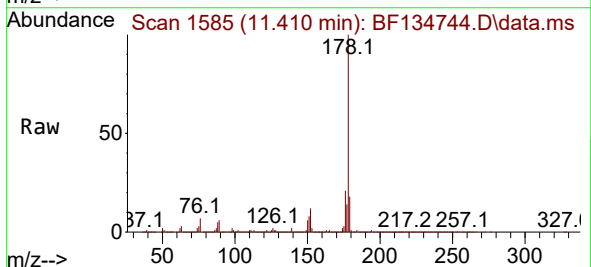
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

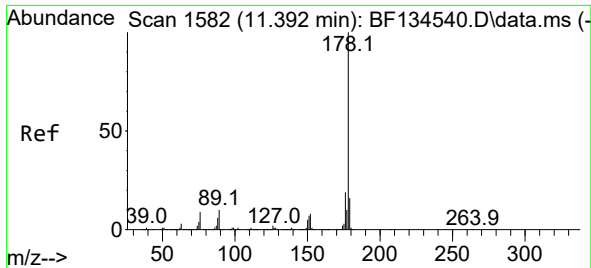
Tgt Ion:169 Resp: 192293
Ion Ratio Lower Upper
169 100
168 85.0 52.6 78.8#
167 136.2 29.8 44.8#



#71
Phenanthrene
Concen: 675.113 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.059 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:178 Resp:11035043
Ion Ratio Lower Upper
178 100
176 21.1 15.8 23.6
179 18.1 12.7 19.1

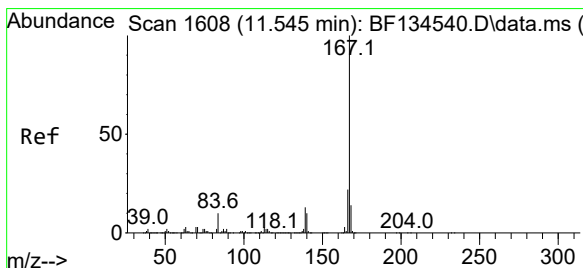
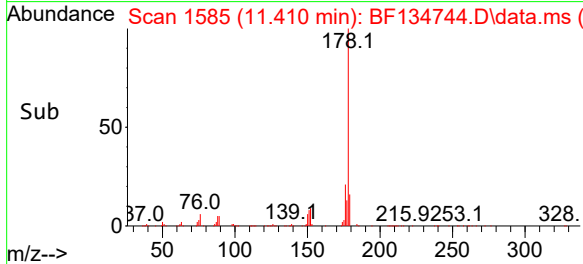
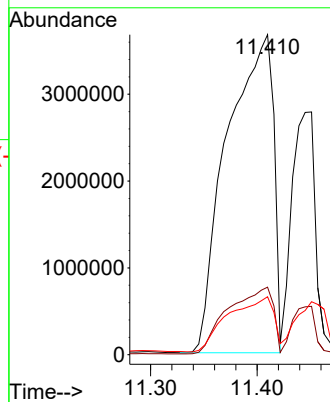
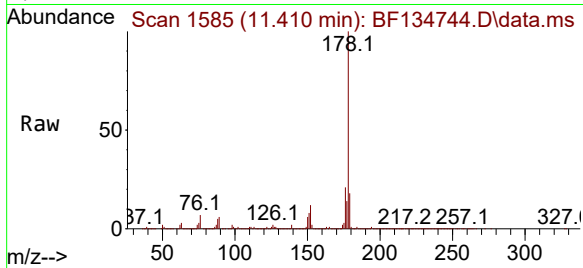




#72
 Anthracene
 Concen: 660.936 ng
 RT: 11.410 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134744.D
 Acq: 11 Aug 2023 21:21

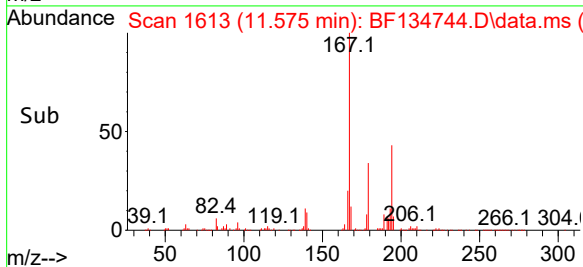
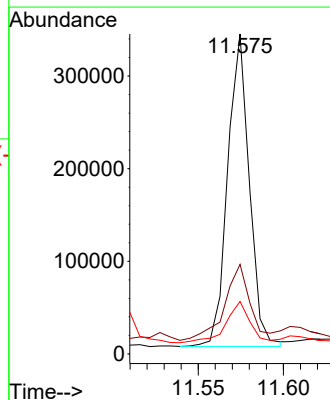
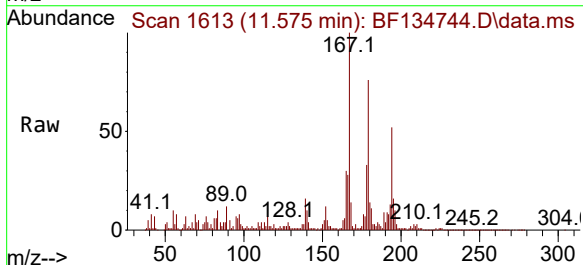
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z64-65

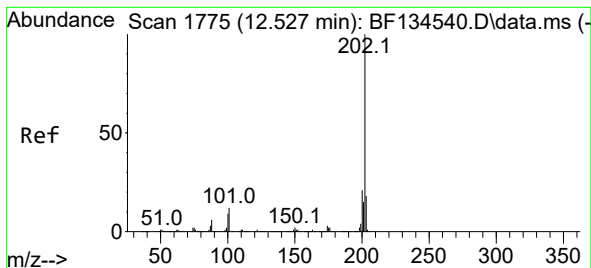
Tgt Ion:178 Resp:11035043
 Ion Ratio Lower Upper
 178 100
 176 21.1 14.6 21.8
 179 18.1 12.3 18.5



#73
 Carbazole
 Concen: 19.996 ng
 RT: 11.575 min Scan# 1613
 Delta R.T. 0.018 min
 Lab File: BF134744.D
 Acq: 11 Aug 2023 21:21

Tgt Ion:167 Resp: 298087
 Ion Ratio Lower Upper
 167 100
 166 28.0 17.5 26.3#
 139 16.4 11.0 16.4





#75

Fluoranthene

Concen: 313.664 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z64-65

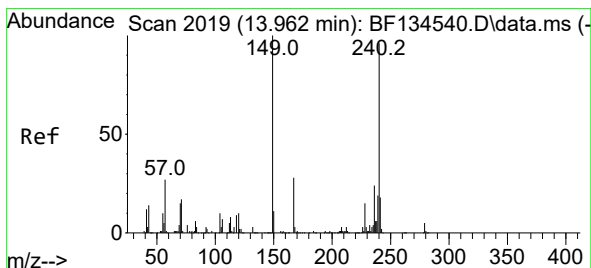
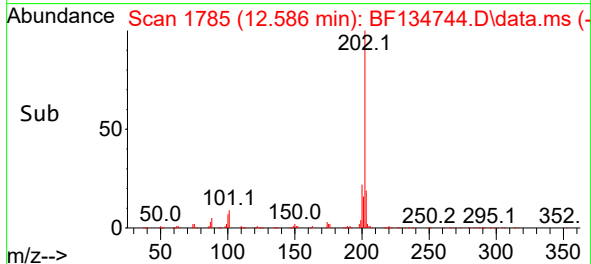
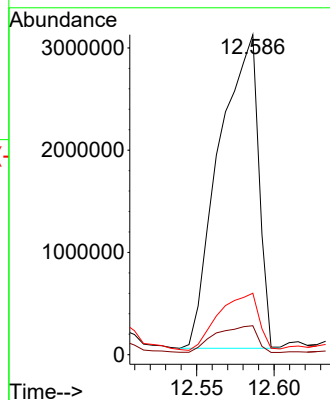
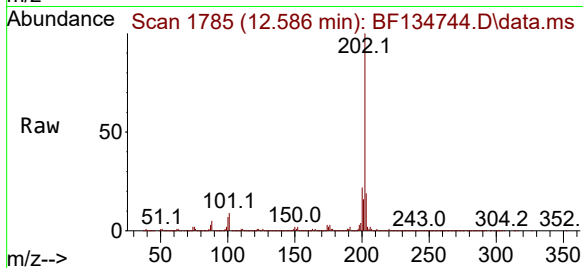
Tgt Ion:202 Resp: 5415712

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.5

203 19.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.029 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

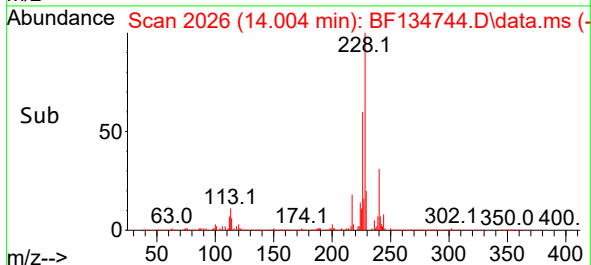
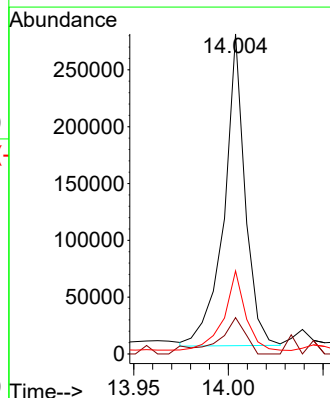
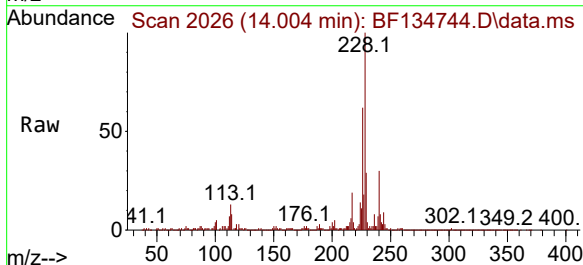
Tgt Ion:240 Resp: 211402

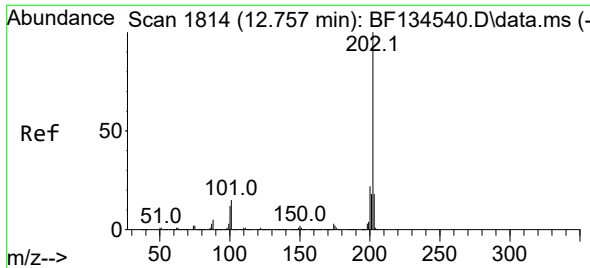
Ion Ratio Lower Upper

240 100

120 11.3 6.6 10.0#

236 26.0 20.2 30.2

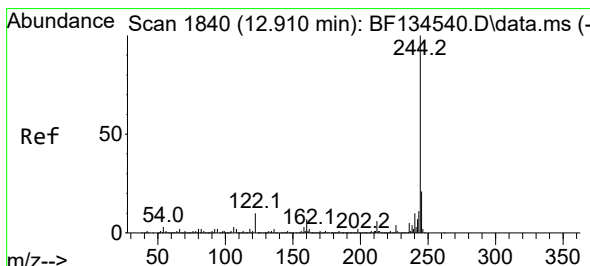
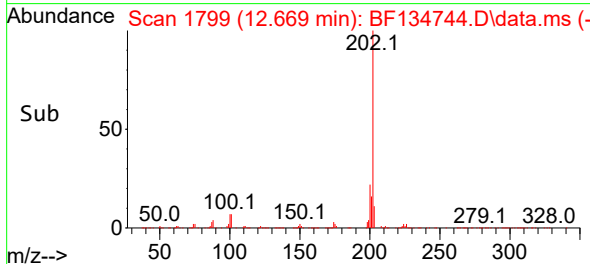
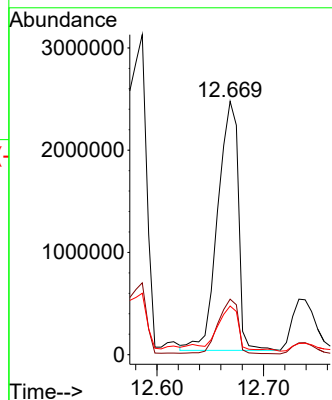
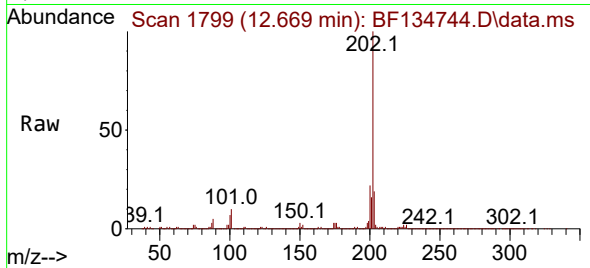




#78
Pyrene
Concen: 179.166 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

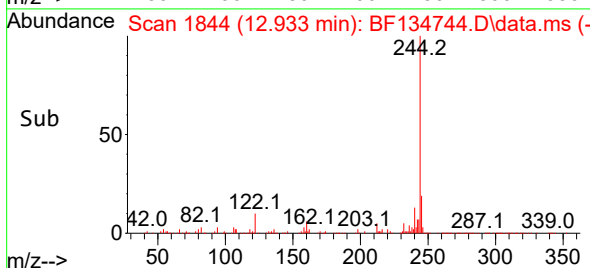
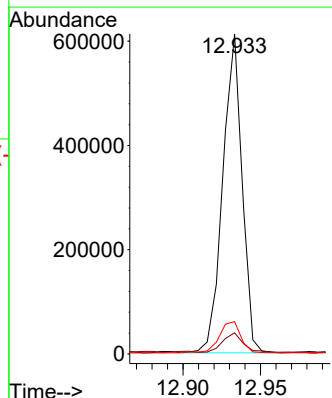
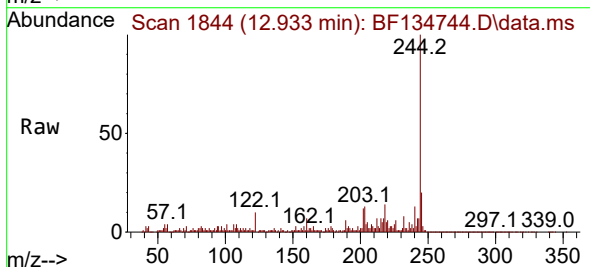
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

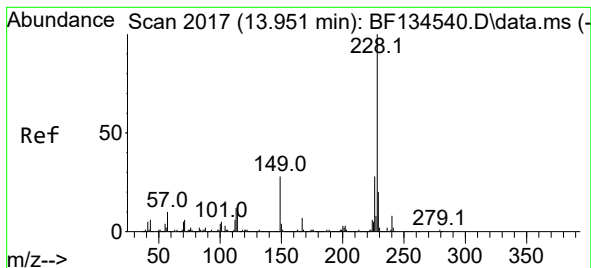
Tgt Ion:202 Resp: 3277474
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 19.2 13.5 20.3



#79
Terphenyl-d14
Concen: 44.171 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.012 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

Tgt Ion:244 Resp: 529693
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.1 8.0 12.0





#81

Benzo(a)anthracene

Concen: 246.014 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z64-65

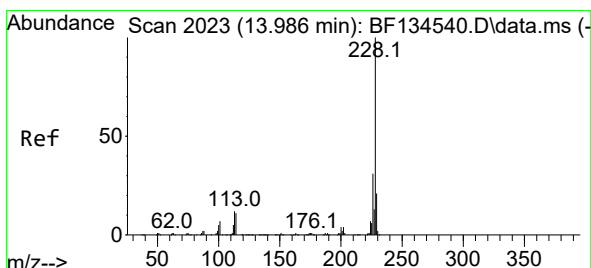
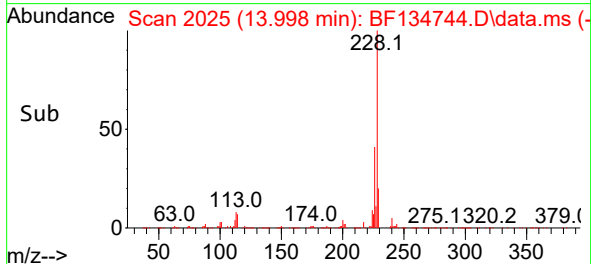
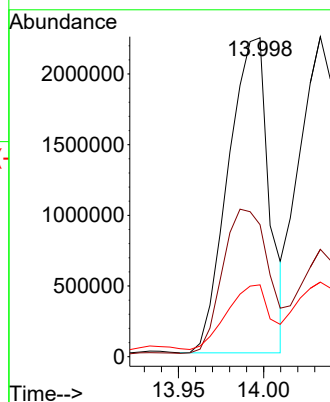
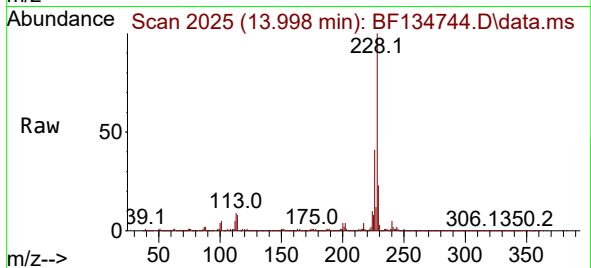
Tgt Ion:228 Resp: 3718811

Ion Ratio Lower Upper

228 100

226 41.4 22.3 33.5#

229 22.5 15.8 23.6



#83

Chrysene

Concen: 207.527 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

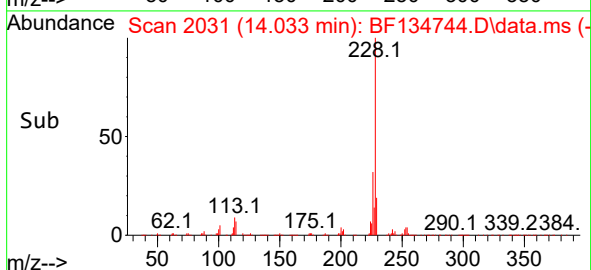
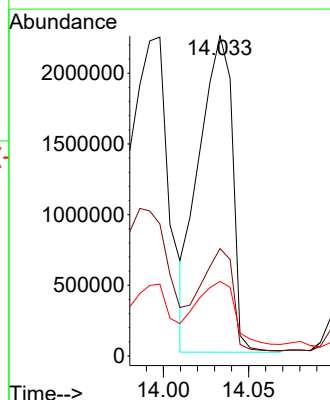
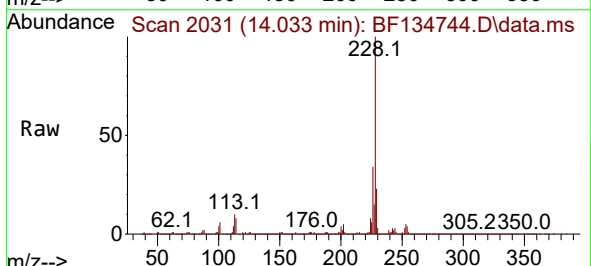
Tgt Ion:228 Resp: 3056287

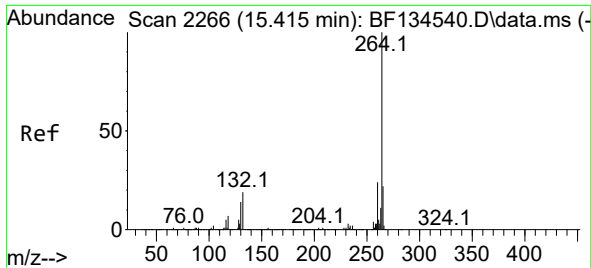
Ion Ratio Lower Upper

228 100

226 33.6 24.5 36.7

229 23.3 15.8 23.8

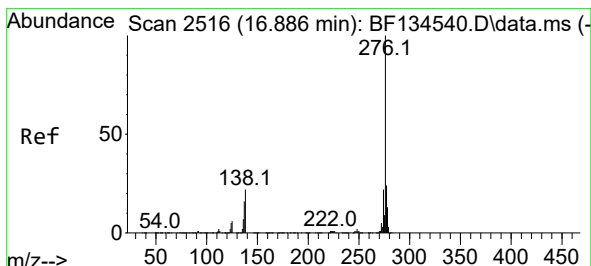
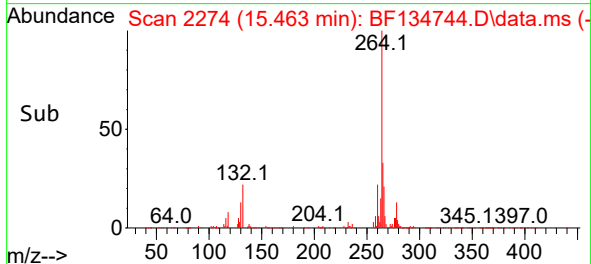
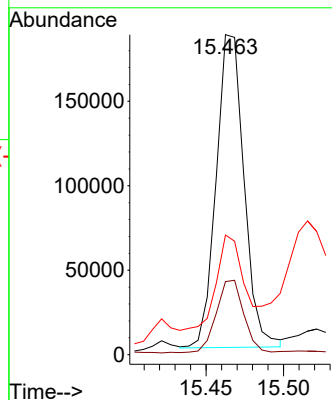
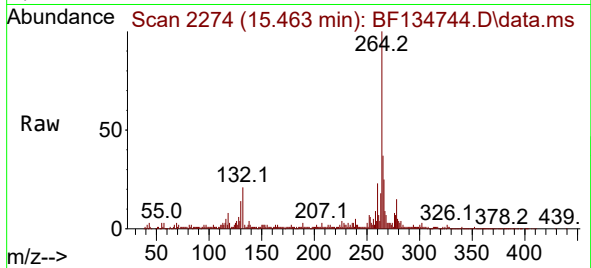




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF134744.D
 Acq: 11 Aug 2023 21:21

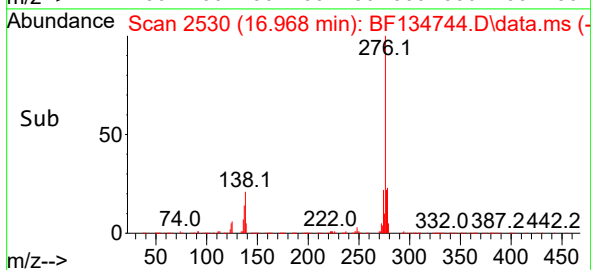
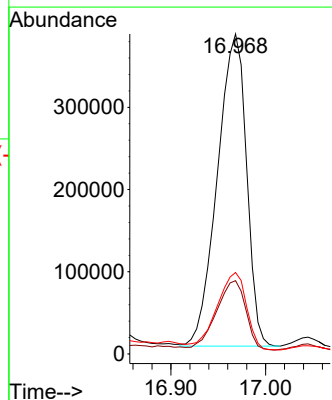
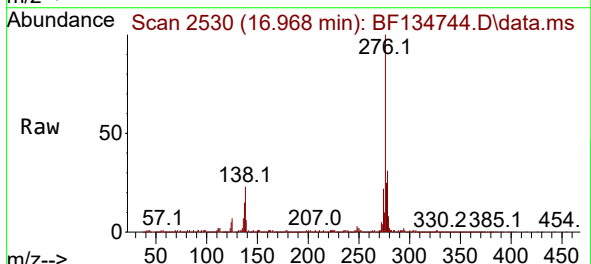
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z64-65

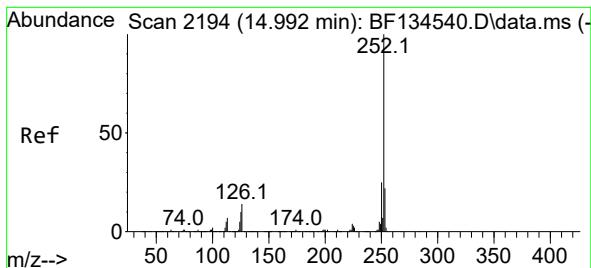
Tgt Ion:264 Resp: 232216
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 37.4 15.8 23.8#



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.360 ng
 RT: 16.968 min Scan# 2530
 Delta R.T. 0.041 min
 Lab File: BF134744.D
 Acq: 11 Aug 2023 21:21

Tgt Ion:276 Resp: 810686
 Ion Ratio Lower Upper
 276 100
 138 22.6 14.2 21.4#
 277 25.6 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 198.461 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z64-65

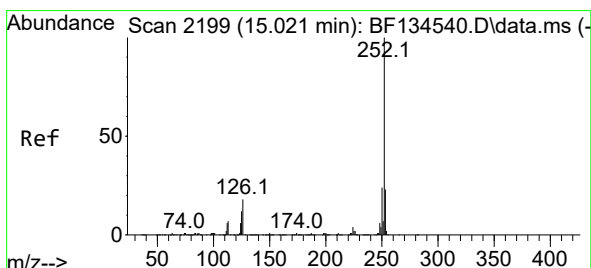
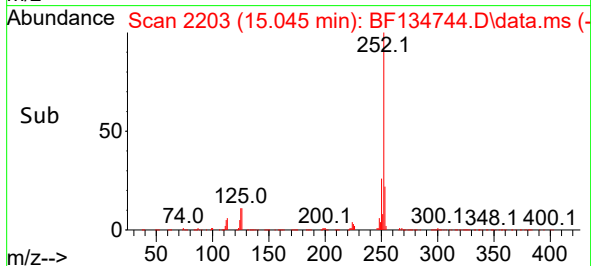
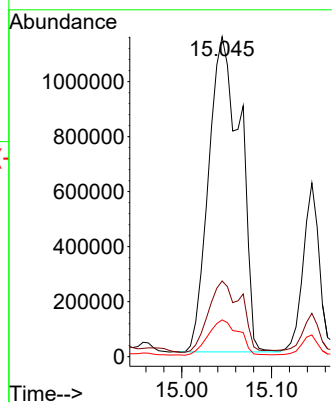
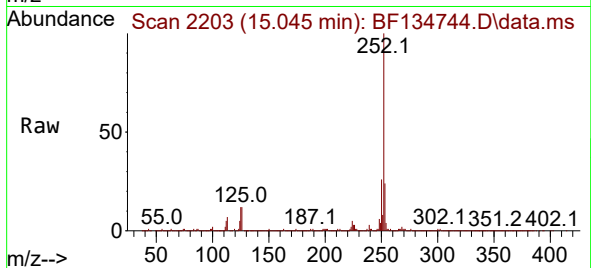
Tgt Ion:252 Resp: 2810723

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 11.5 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 199.224 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF134744.D

Acq: 11 Aug 2023 21:21

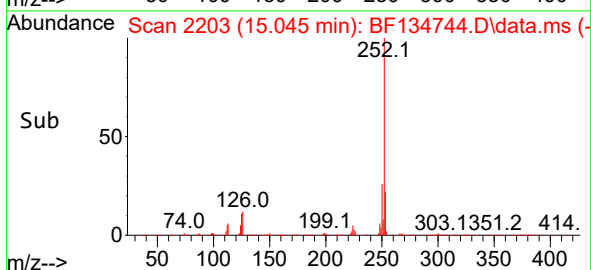
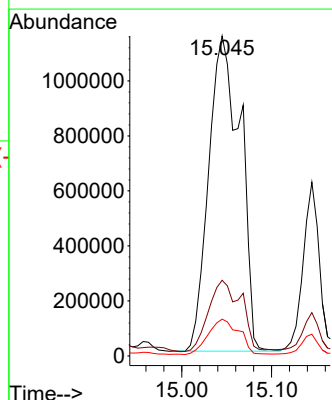
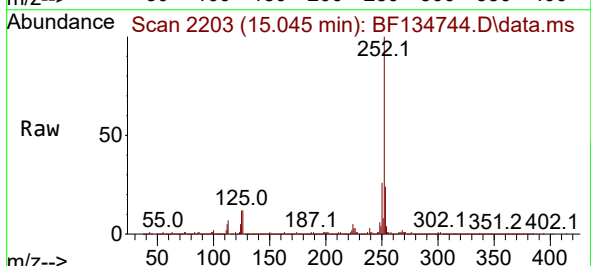
Tgt Ion:252 Resp: 2810723

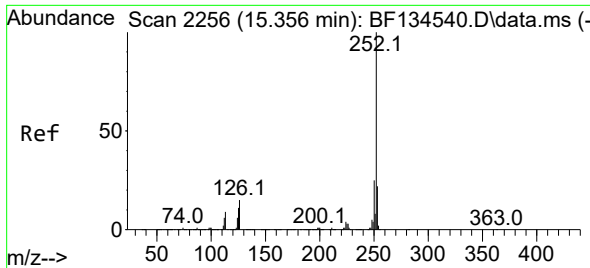
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 11.5 6.3 9.5#

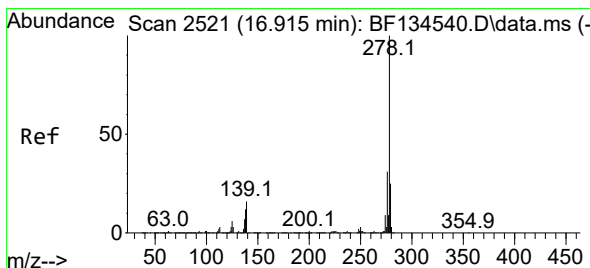
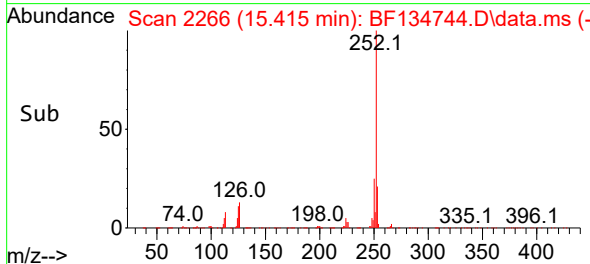
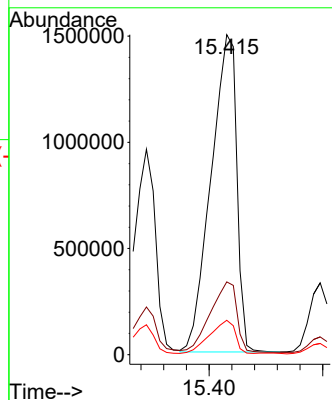
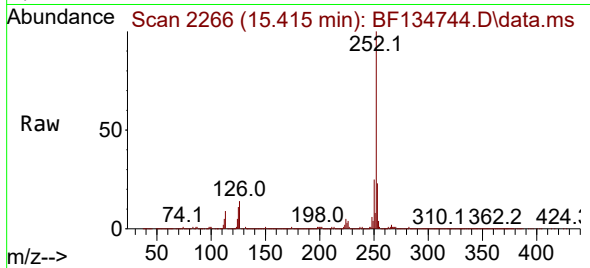




#90
Benzo(a)pyrene
Concen: 178.303 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

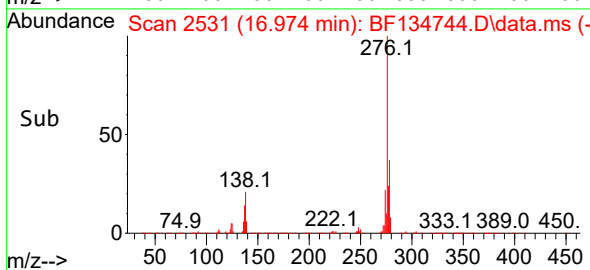
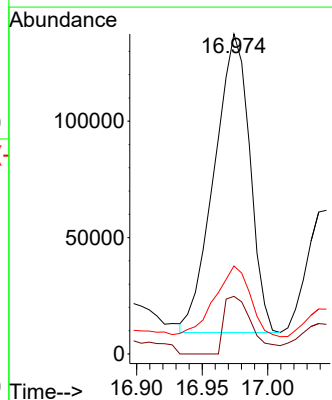
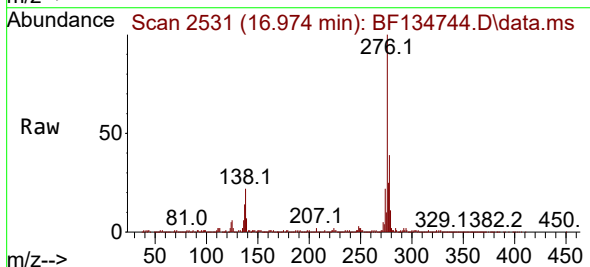
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

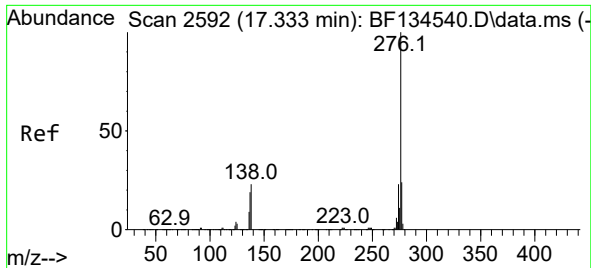
Tgt Ion:252 Resp: 2354480
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 10.7 6.2 9.4#



#91
Dibenzo(a,h)anthracene
Concen: 21.912 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.024 min
Lab File: BF134744.D
Acq: 11 Aug 2023 21:21

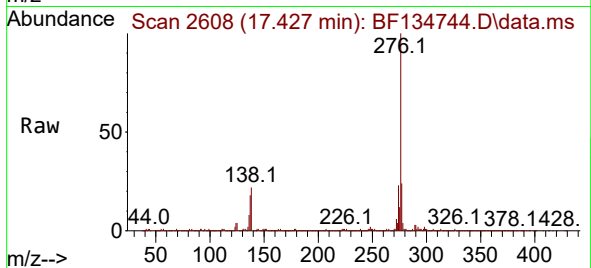
Tgt Ion:278 Resp: 241843
Ion Ratio Lower Upper
278 100
139 18.0 10.0 15.0#
279 27.5 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 78.257 ng
 RT: 17.427 min Scan# 20
 Delta R.T. 0.053 min
 Lab File: BF134744.D
 Acq: 11 Aug 2023 21:21

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z64-65



Tgt Ion:276 Resp: 881065
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.0 28.6
 138 22.0 12.2 18.2#

