

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134745.D
 Acq On : 11 Aug 2023 21:53
 Operator : CG\JU
 Sample : 03958-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z93-94

Quant Time: Aug 11 23:58:35 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	212276	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	352042	20.000	ng	# 0.02
39) Acenaphthene-d10	9.845	164	347866	20.000	ng	0.01
64) Phenanthrene-d10	11.339	188	457911	20.000	ng	# 0.02
76) Chrysene-d12	13.992	240	322162	20.000	ng	# 0.02
86) Perylene-d12	15.457	264	290843	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	153929	11.023	ng	0.00
7) Phenol-d6	6.434	99	204064	11.431	ng	0.00
23) Nitrobenzene-d5	7.363	82	120445	21.381	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	30502	8.601	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	234964	11.231	ng	0.00
79) Terphenyl-d14	12.927	244	200176	10.954	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	167400	15.413	ng	# 1
18) Hexachloroethane	7.304	117	215032	41.944	ng	# 5
22) Acetophenone	7.263	105	31064	3.822	ng	# 67
24) Nitrobenzene	7.416	77	99785	16.396	ng	# 9
26) 2-Nitrophenol	7.716	139	1836	5.431	ng	# 1
31) Naphthalene	8.175	128	19429814	1098.166	ng	# 90
32) Benzoic acid	7.881	122	4685	8.962	ng	# 1
33) 4-Chloroaniline	8.175	127	3005573	381.249	ng	# 35
35) Caprolactam	8.551	113	3732	2.325	ng	# 10
37) 2-Methylnaphthalene	8.845	142	7337565	625.668	ng	99
38) 1-Methylnaphthalene	8.939	142	5113047	468.855	ng	96
46) 1,1'-Biphenyl	9.269	154	2135338	78.937	ng	98
47) 2-Chloronaphthalene	9.333	162	211031	10.411	ng	# 51
48) 2-Nitroaniline	9.363	65	39674	9.030	ng	# 33
49) Acenaphthylene	9.739	152	5882493	184.628	ng	97
51) 2,6-Dinitrotoluene	9.551	165	34653	9.258	ng	# 1
52) Acenaphthene	9.886	154	1091085	52.843	ng	92
54) 2,4-Dinitrophenol	9.898	184	1534	7.839	ng	# 1
55) Dibenzofuran	10.051	168	678965	23.100	ng	# 85
56) 4-Nitrophenol	9.951	139	55594	12.863	ng	# 21
57) 2,4-Dinitrotoluene	10.022	165	93411	17.825	ng	# 44
58) Fluorene	10.416	166	3039476	141.969	ng	89
62) 4-Nitroaniline	10.410	138	36919	7.128	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.451	198	729	9.021	ng	# 1
66) n-Nitrosodiphenylamine	10.510	169	136898	9.393	ng	# 1
71) Phenanthrene	11.392	178	8123366	333.987	ng	97
72) Anthracene	11.433	178	3280956	132.062	ng	96
73) Carbazole	11.569	167	189008	8.521	ng	# 91
75) Fluoranthene	12.569	202	4060817	158.057	ng	96
78) Pyrene	12.657	202	2221813	79.700	ng	95
81) Benzo(a)anthracene	14.021	228	2186813	94.930	ng	92
83) Chrysene	14.021	228	2186813	97.437	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	482767	28.223	ng	# 96
88) Benzo(b)fluoranthene	15.033	252	1781581	100.437	ng	# 95
89) Benzo(k)fluoranthene	15.033	252	1781581	100.824	ng	# 97
90) Benzo(a)pyrene	15.404	252	1487796	89.958	ng	# 95

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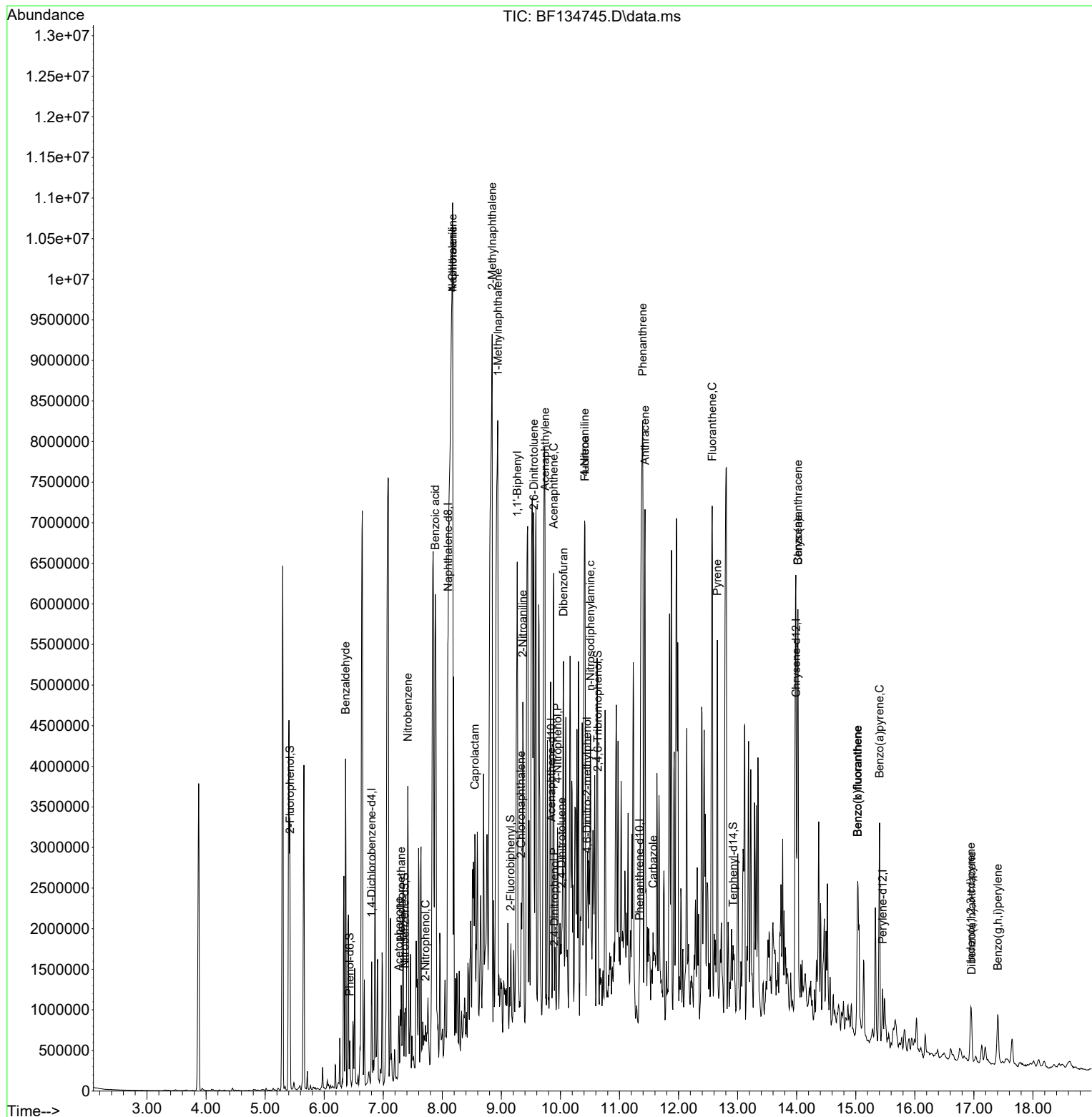
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	16.962	278	143744	10.398	ng	# 91
92) Benzo(g,h,i)perylene	17.404	276	517588	36.706	ng	# 92

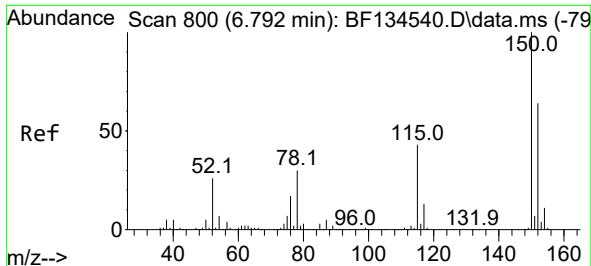
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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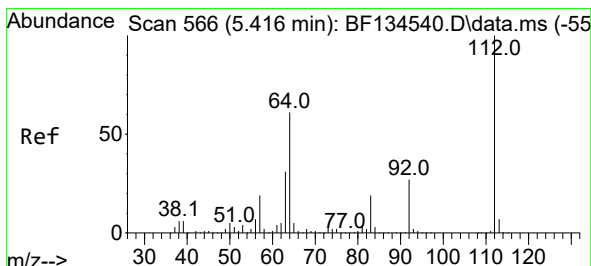
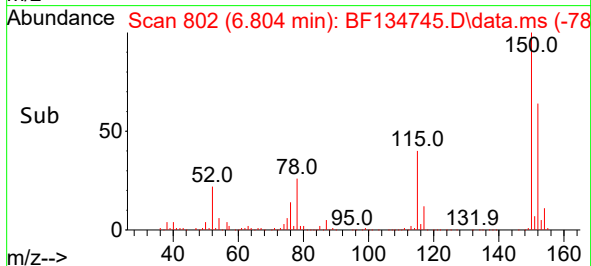
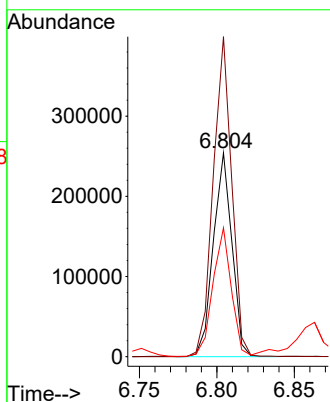
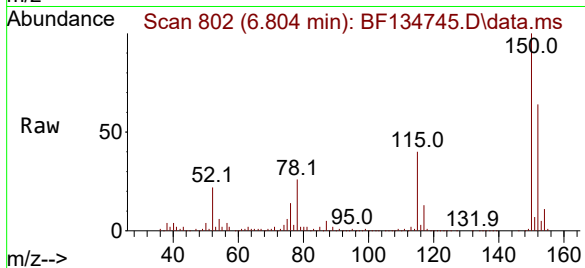




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

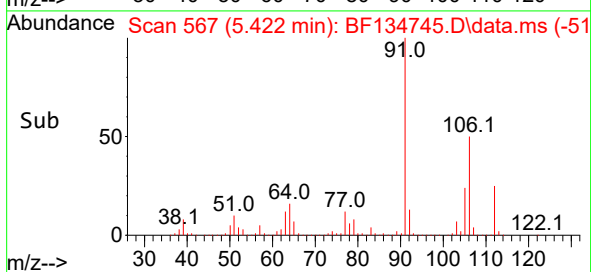
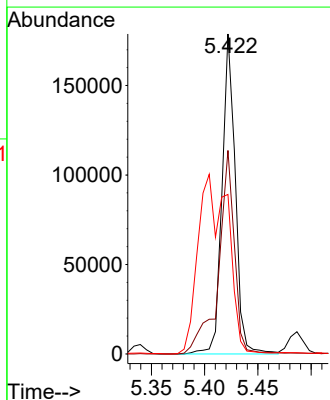
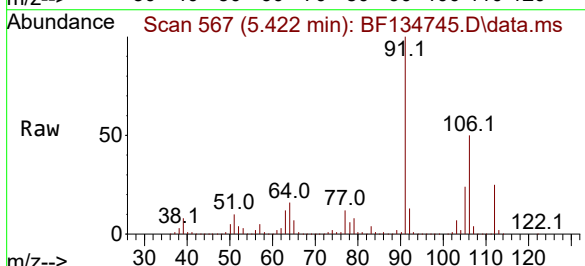
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

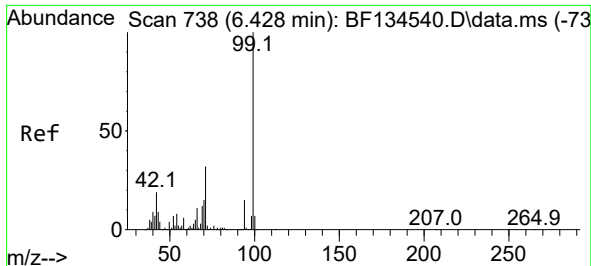
Tgt Ion:152 Resp: 212276
Ion Ratio Lower Upper
152 100
150 157.0 128.3 192.5
115 63.2 52.4 78.6



#5
2-Fluorophenol
Concen: 11.023 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:112 Resp: 153929
Ion Ratio Lower Upper
112 100
64 63.6 44.9 67.3
63 49.8 25.4 38.0#





#7

Phenol-d6

Concen: 11.431 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

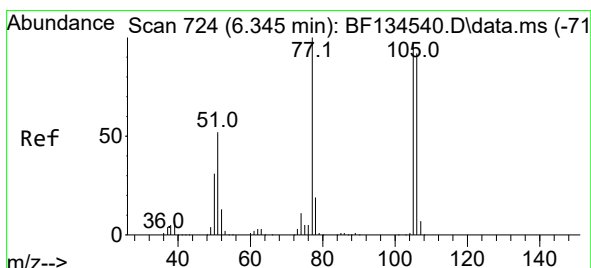
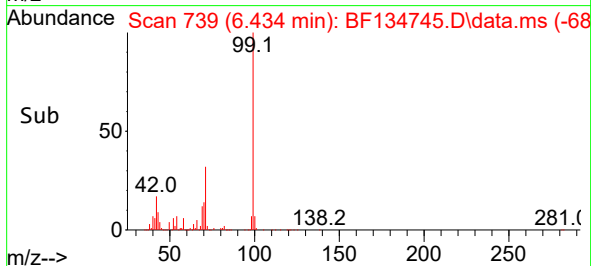
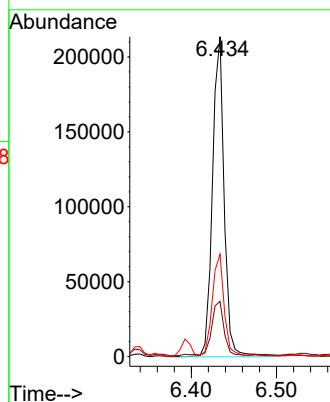
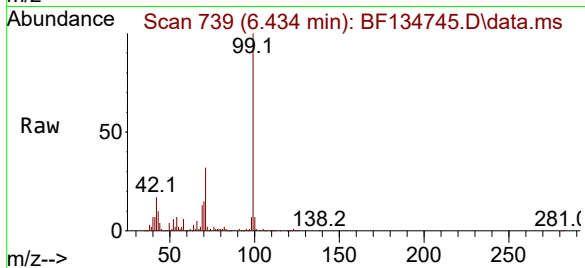
Tgt Ion: 99 Resp: 204064

Ion Ratio Lower Upper

99 100

42 17.3 18.7 28.1#

71 32.0 36.4 54.6#



#9

Benzaldehyde

Concen: 15.413 ng

RT: 6.363 min Scan# 727

Delta R.T. 0.006 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

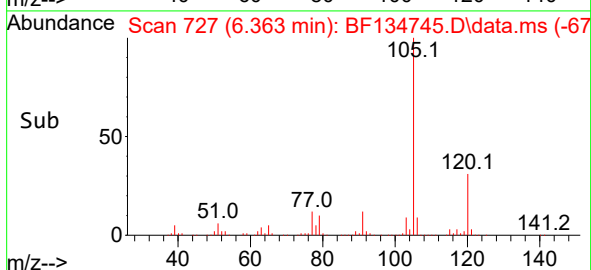
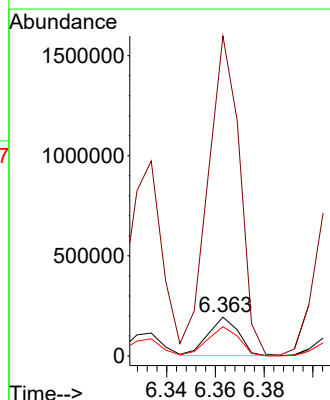
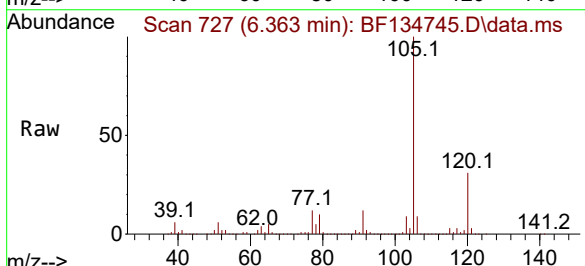
Tgt Ion: 77 Resp: 167400

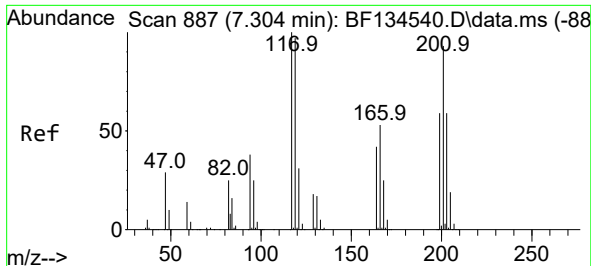
Ion Ratio Lower Upper

77 100

105 823.7 77.1 117.1#

106 75.5 71.4 111.4

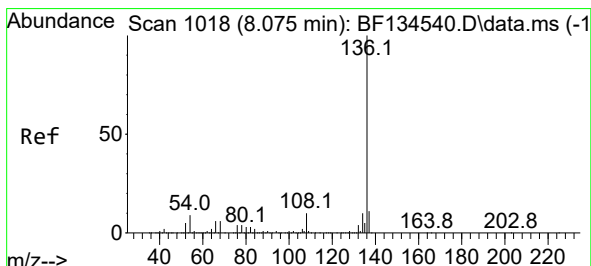
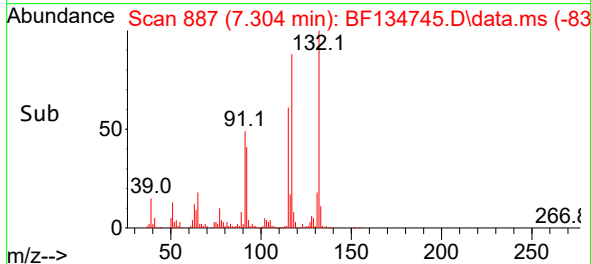
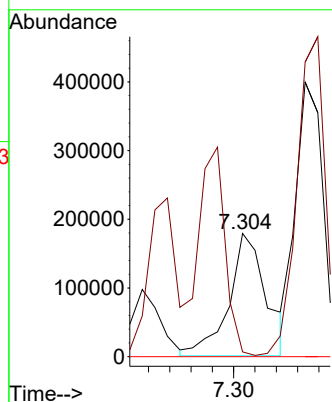
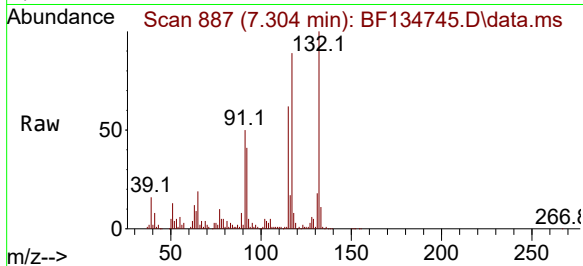




#18
Hexachloroethane
Concen: 41.944 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

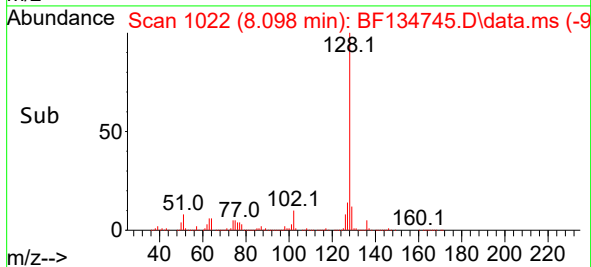
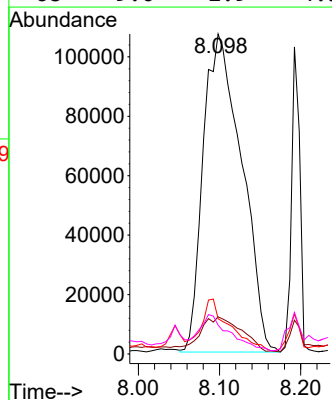
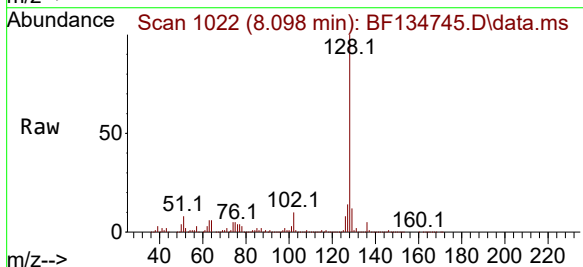
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

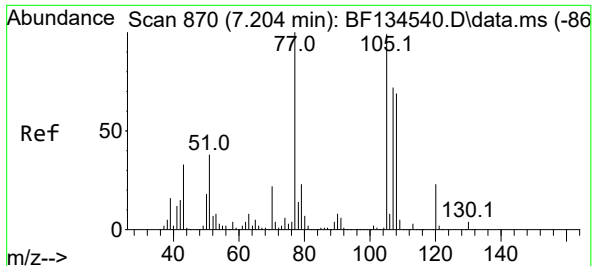
Tgt Ion:117 Resp: 215032
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:136 Resp: 352042
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 11.0 5.2 7.8#
68 9.0 2.9 4.3#

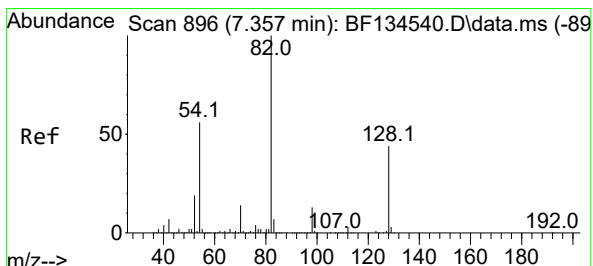
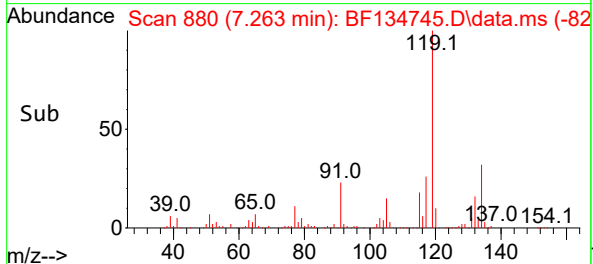
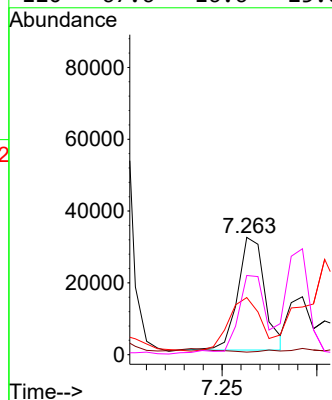
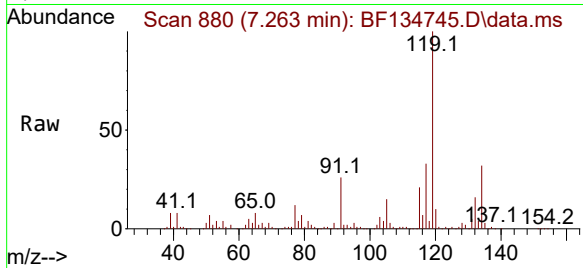




#22
Acetophenone
Concen: 3.822 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.047 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

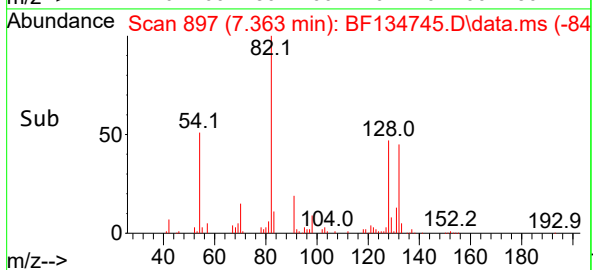
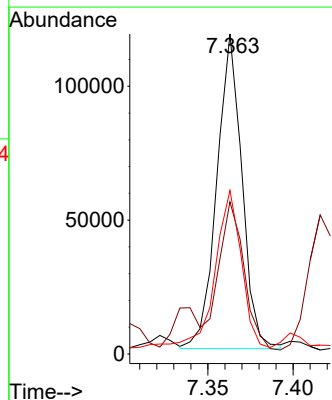
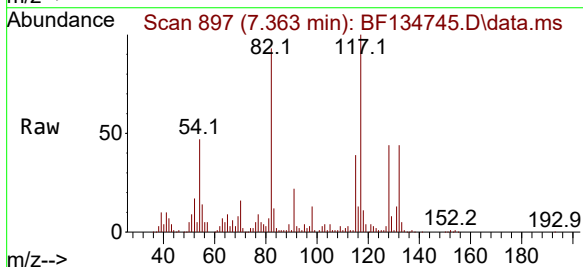
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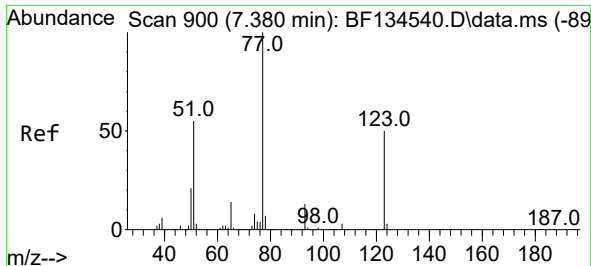
Tgt Ion:105 Resp: 31064
Ion Ratio Lower Upper
105 100
71 2.1 7.4 11.0#
51 48.7 36.4 54.6
120 67.6 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 21.381 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion: 82 Resp: 120445
Ion Ratio Lower Upper
82 100
128 47.5 34.3 51.5
54 51.1 43.8 65.6

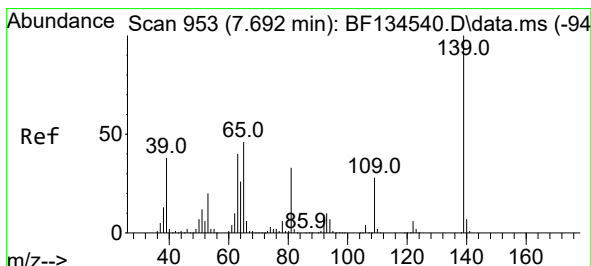
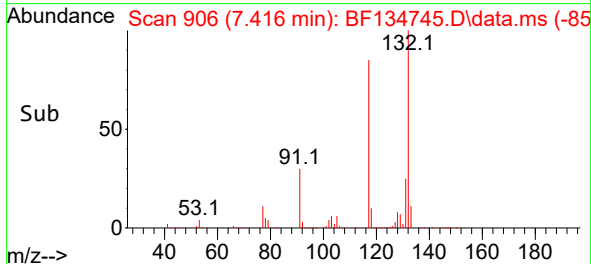
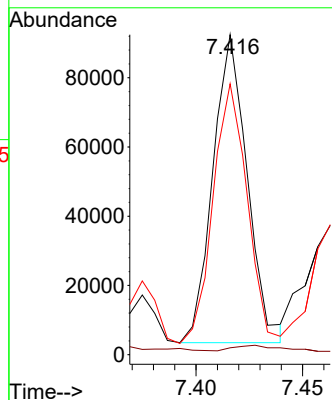
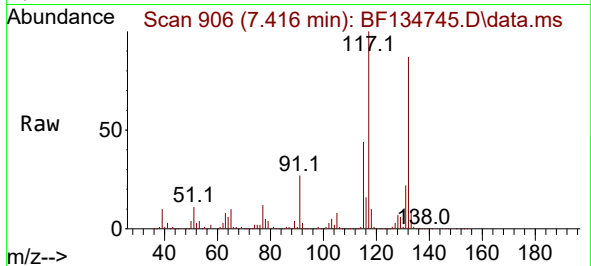




#24
Nitrobenzene
Concen: 16.396 ng
RT: 7.416 min Scan# 900
Delta R.T. 0.029 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

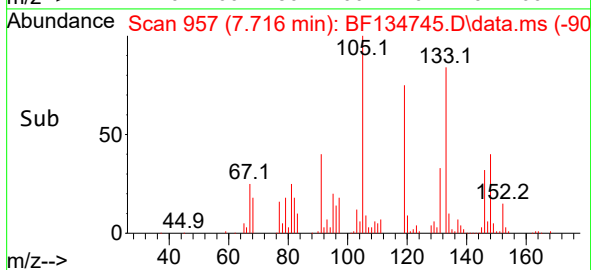
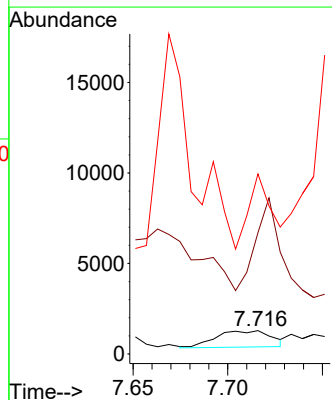
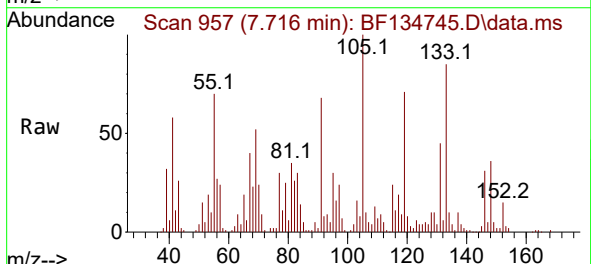
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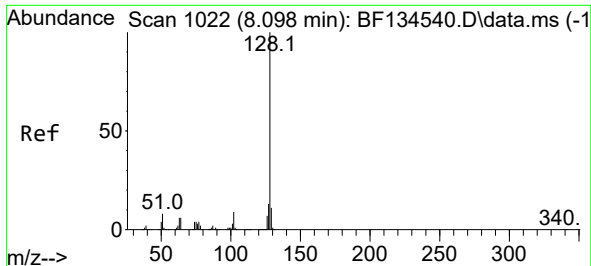
Tgt Ion: 77 Resp: 99785
Ion Ratio Lower Upper
77 100
123 2.1 35.5 53.3#
65 84.6 11.9 17.9#



#26
2-Nitrophenol
Concen: 5.431 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion: 139 Resp: 1836
Ion Ratio Lower Upper
139 100
109 519.1 29.8 44.6#
65 770.2 45.4 68.2#

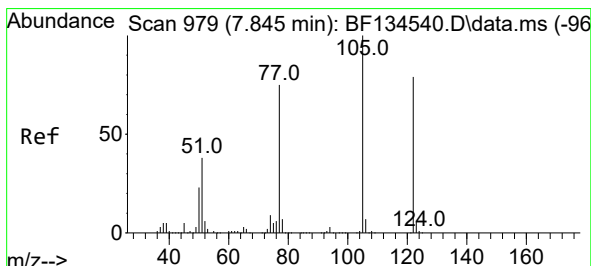
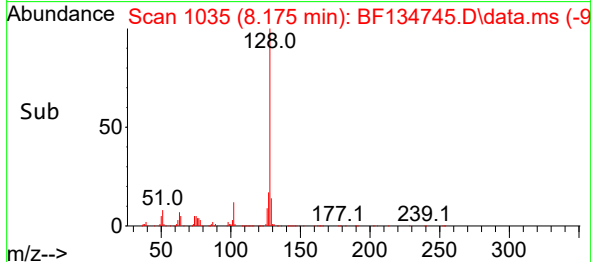
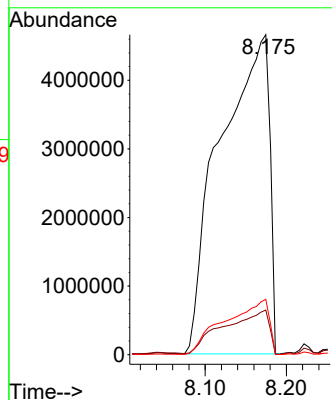
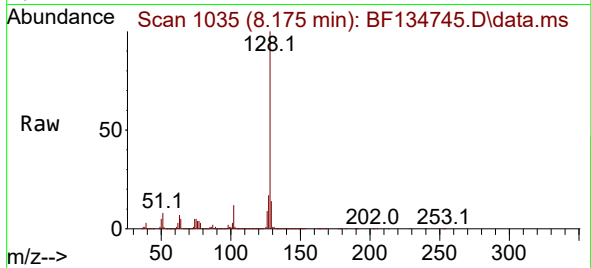




#31
Naphthalene
Concen: 1098.166 ng
RT: 8.175 min Scan# 1022
Delta R.T. 0.071 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

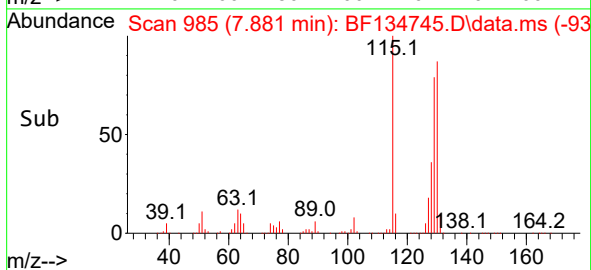
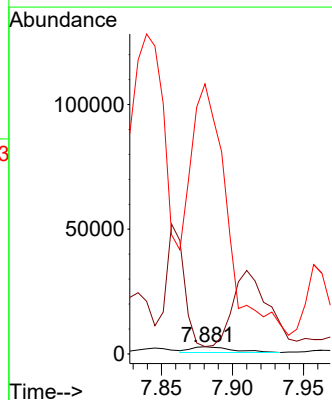
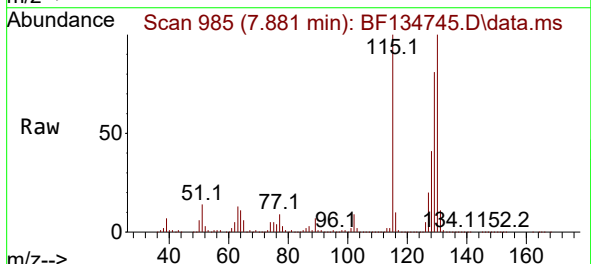
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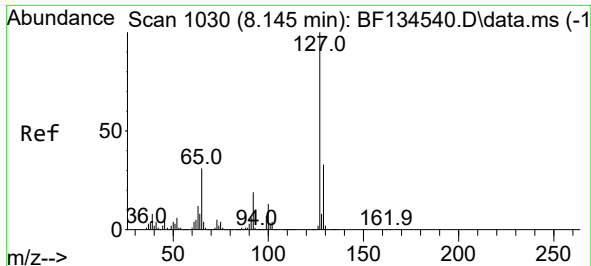
Tgt Ion:128 Resp:19429814
Ion Ratio Lower Upper
128 100
129 14.0 8.4 12.6#
127 17.3 10.7 16.1#



#32
Benzoic acid
Concen: 8.962 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:122 Resp: 4685
Ion Ratio Lower Upper
122 100
105 102.1 87.5 127.5
77 3767.6 71.4 111.4#

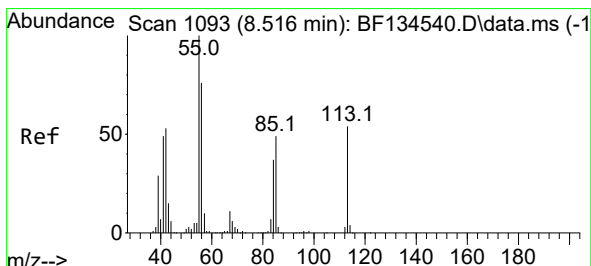
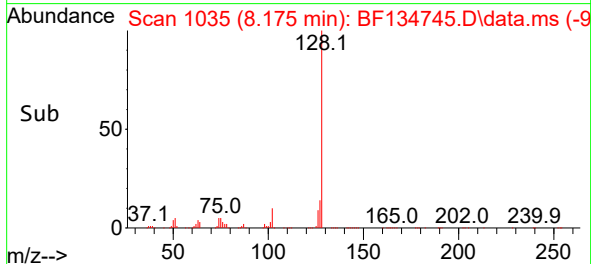
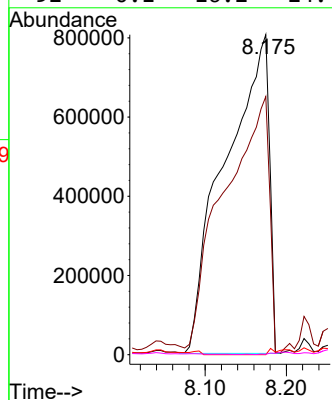
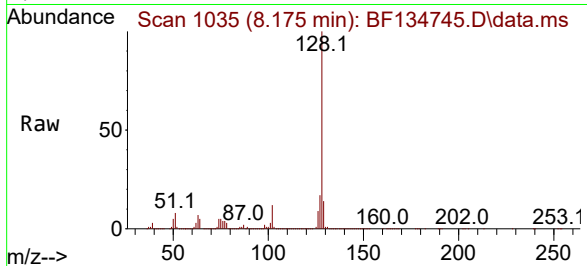




#33
4-Chloroaniline
Concen: 381.249 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

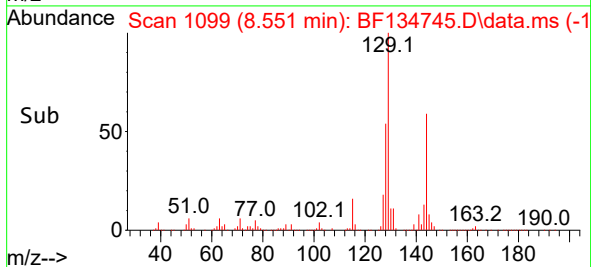
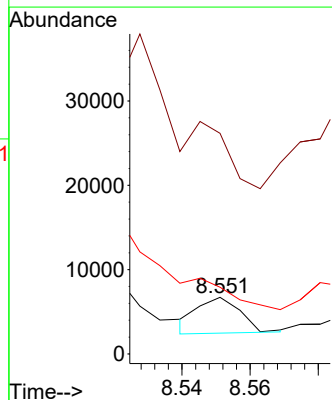
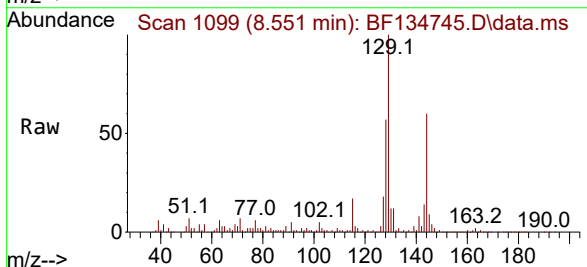
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

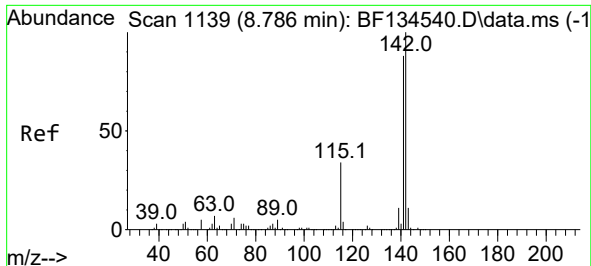
Tgt Ion:127 Resp: 3005573
Ion Ratio Lower Upper
127 100
129 80.7 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#35
Caprolactam
Concen: 2.325 ng
RT: 8.551 min Scan# 1099
Delta R.T. 0.018 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:113 Resp: 3732
Ion Ratio Lower Upper
113 100
55 389.6 161.5 201.5#
56 117.8 117.8 157.8#

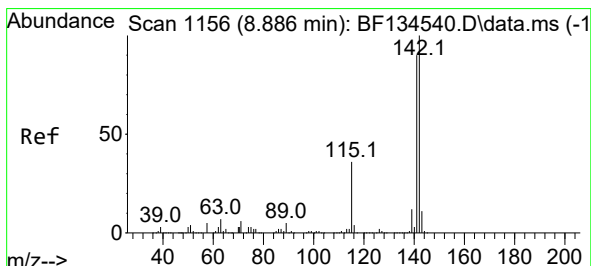
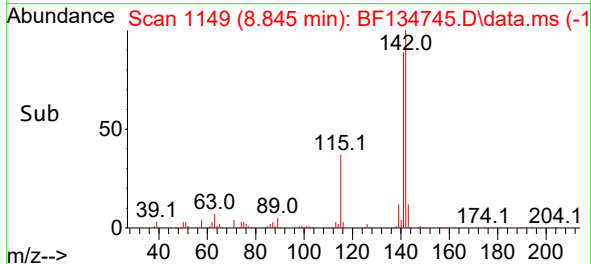
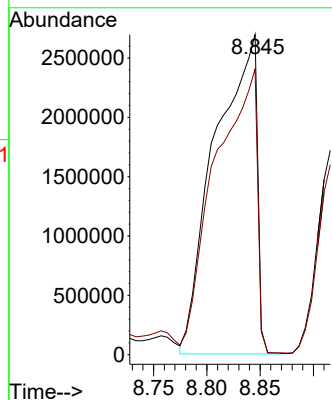
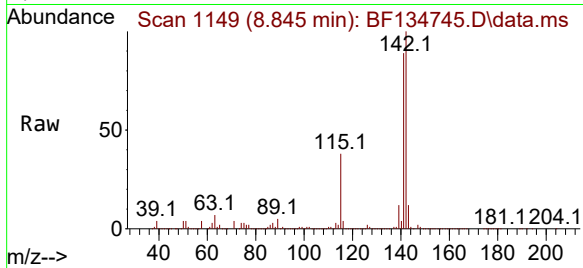




#37
2-Methylnaphthalene
Concen: 625.668 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.053 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

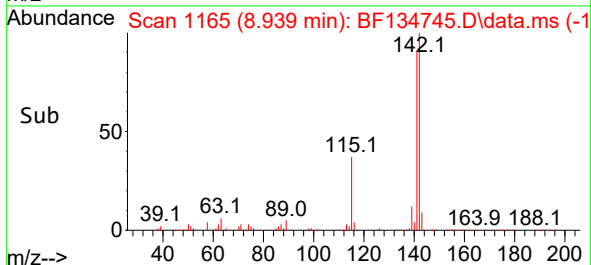
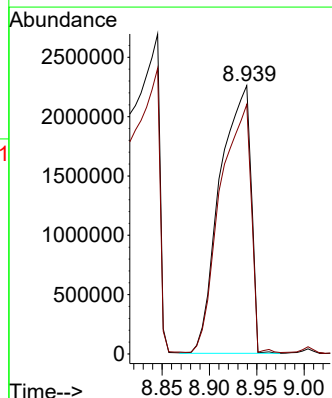
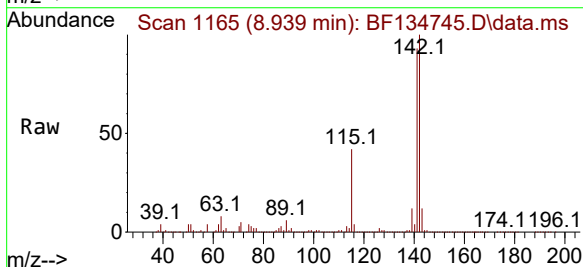
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

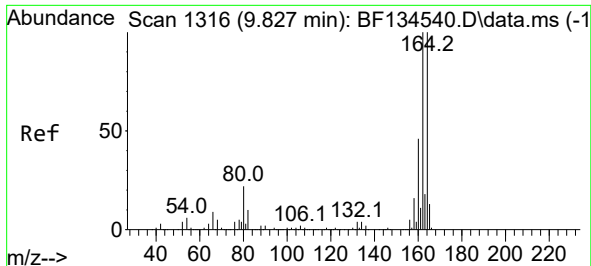
Tgt Ion:142 Resp: 7337565
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 468.855 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.047 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:142 Resp: 5113047
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.2

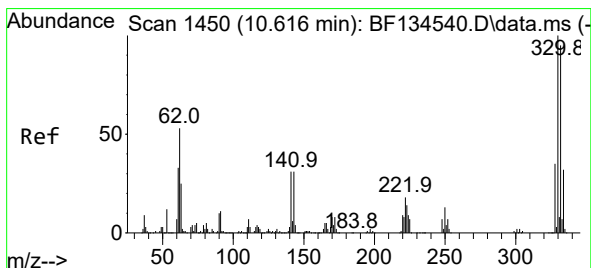
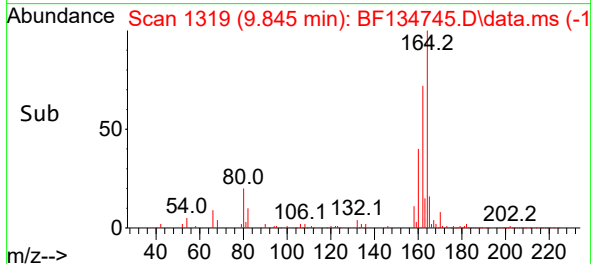
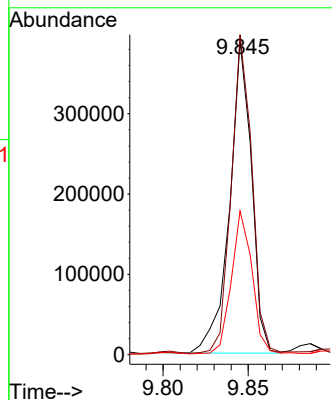
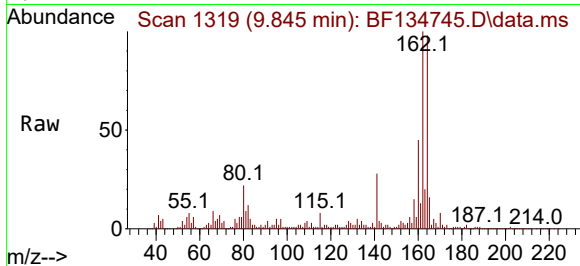




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

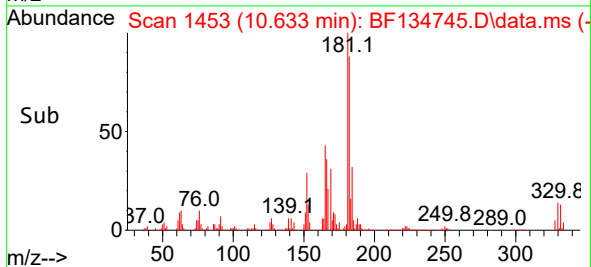
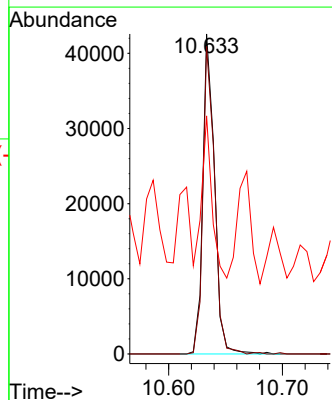
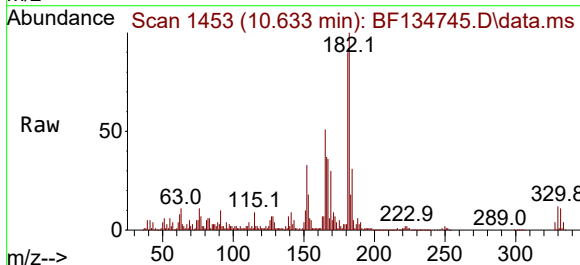
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

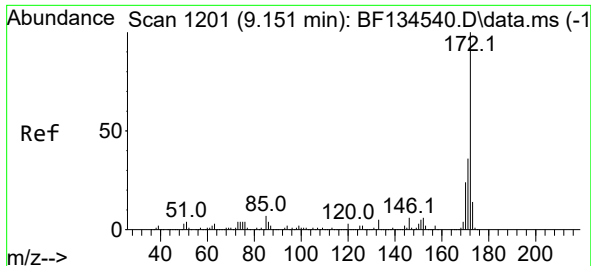
Tgt Ion:164 Resp: 347866
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 8.601 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:330 Resp: 30502
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 44.0 25.4 38.2#

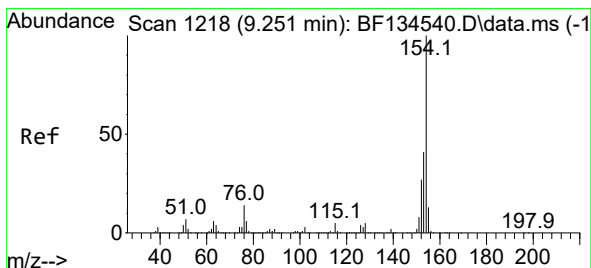
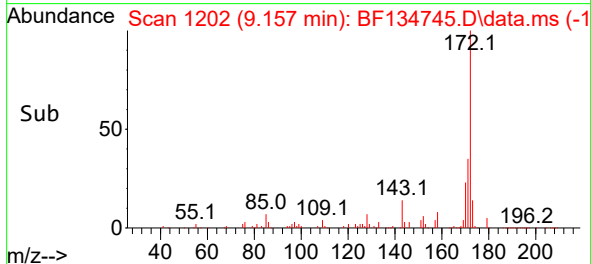
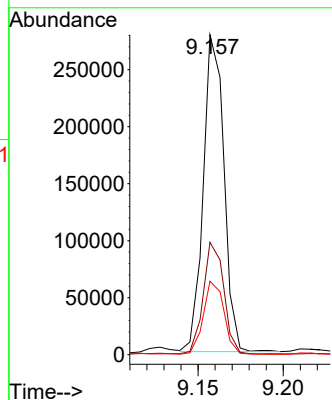
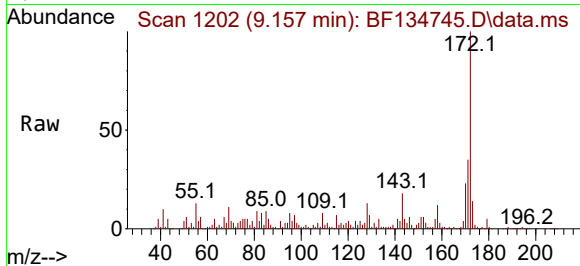




#45
2-Fluorobiphenyl
Concen: 11.231 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

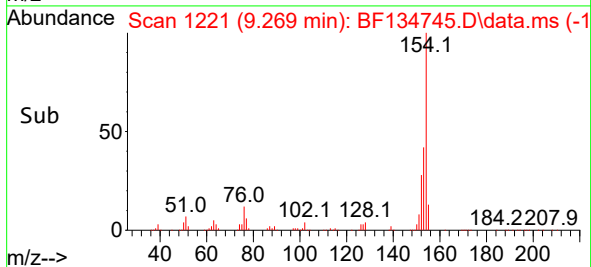
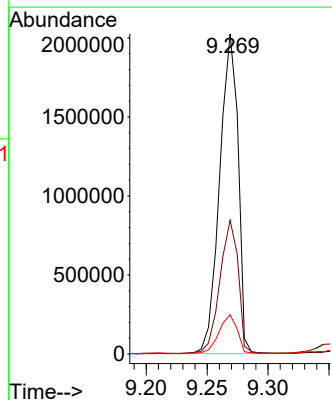
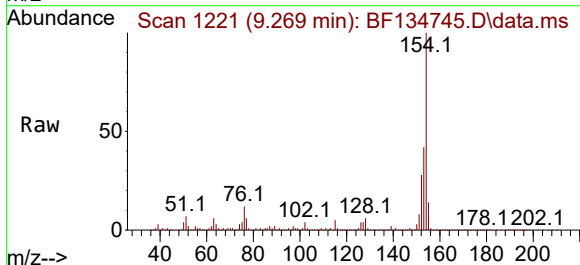
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

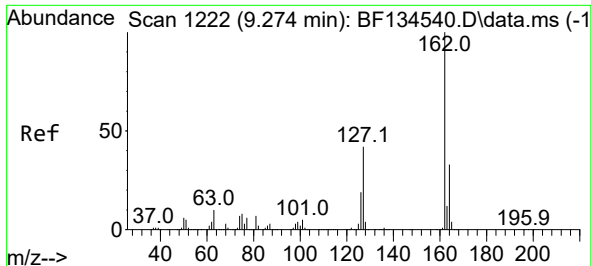
Tgt Ion:172 Resp: 234964
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 78.937 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:154 Resp: 2135338
Ion Ratio Lower Upper
154 100
153 41.8 20.8 60.8
76 12.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 10.411 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.047 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

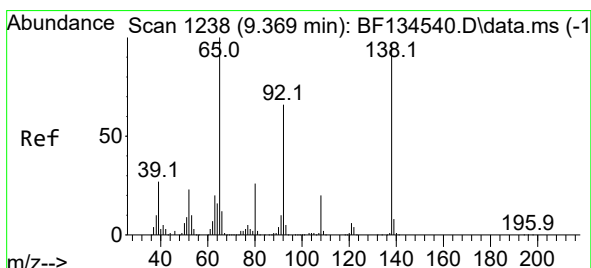
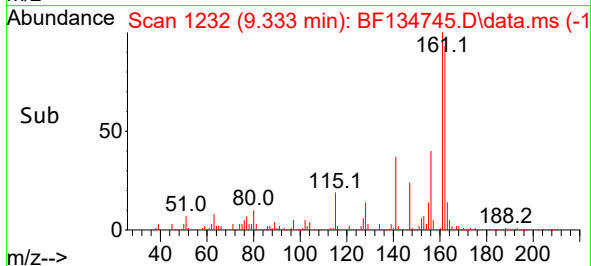
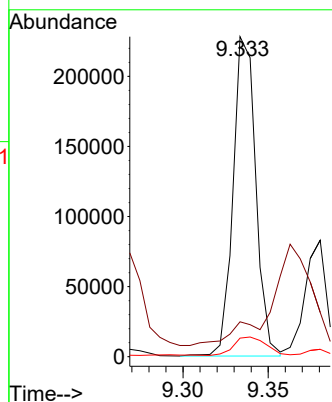
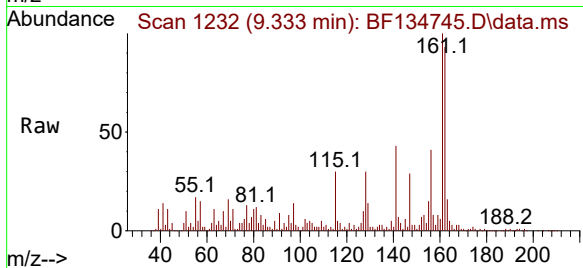
Tgt Ion:162 Resp: 211031

Ion Ratio Lower Upper

162 100

127 10.9 34.0 51.0#

164 5.8 25.7 38.5#



#48

2-Nitroaniline

Concen: 9.030 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.018 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

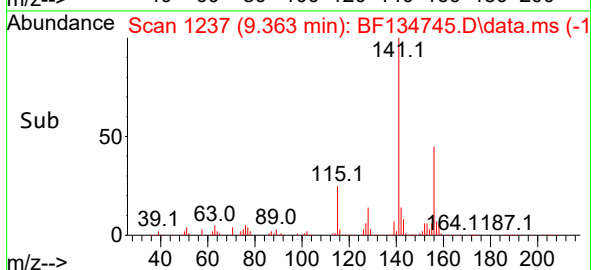
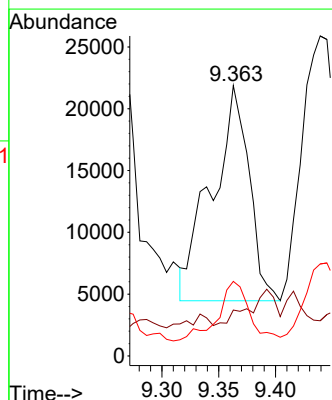
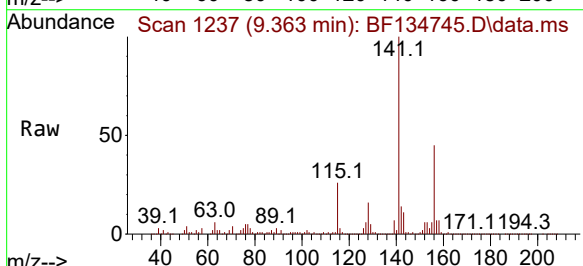
Tgt Ion: 65 Resp: 39674

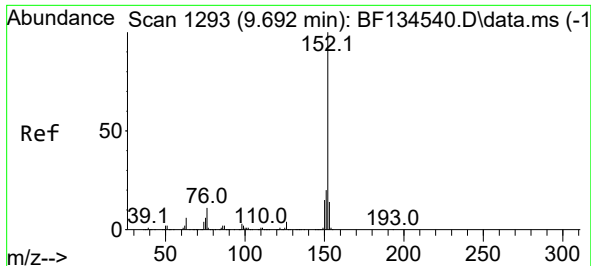
Ion Ratio Lower Upper

65 100

92 17.0 50.7 76.1#

138 27.6 78.2 117.4#





#49

Acenaphthylene

Concen: 184.628 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

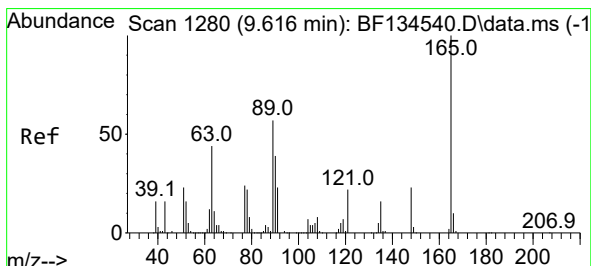
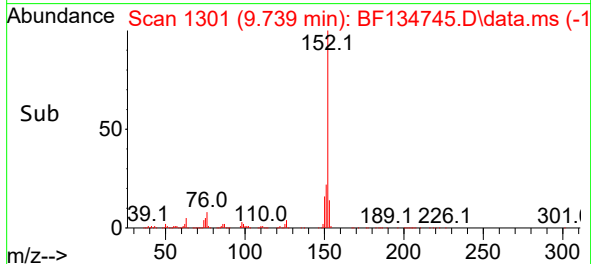
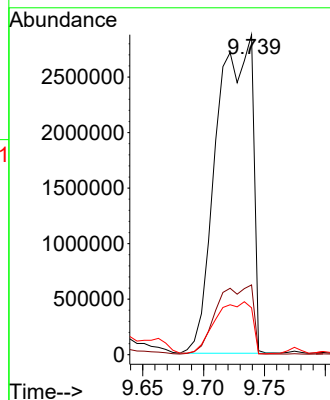
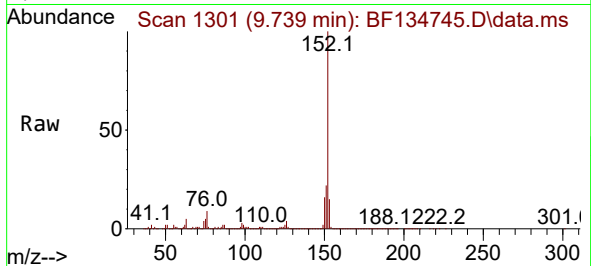
Tgt Ion:152 Resp: 5882493

Ion Ratio Lower Upper

152 100

151 21.8 16.4 24.6

153 14.7 10.9 16.3



#51

2,6-Dinitrotoluene

Concen: 9.258 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.076 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

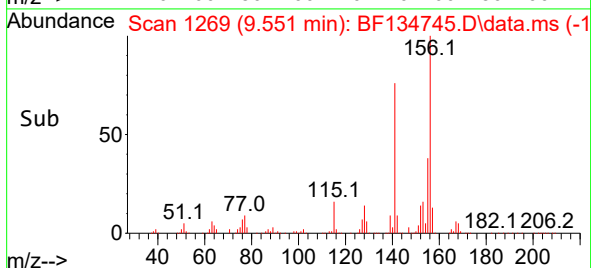
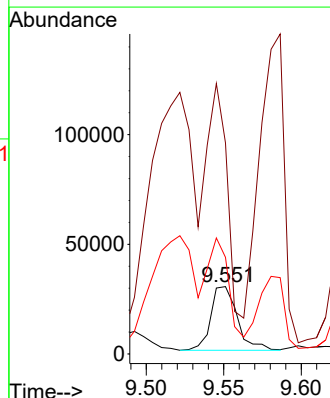
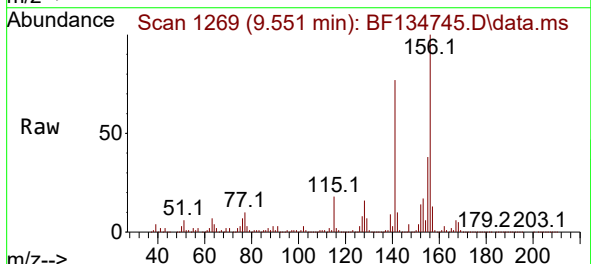
Tgt Ion:165 Resp: 34653

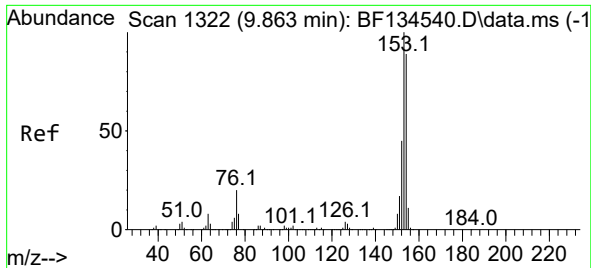
Ion Ratio Lower Upper

165 100

63 313.0 57.8 86.6#

89 143.3 51.8 77.8#

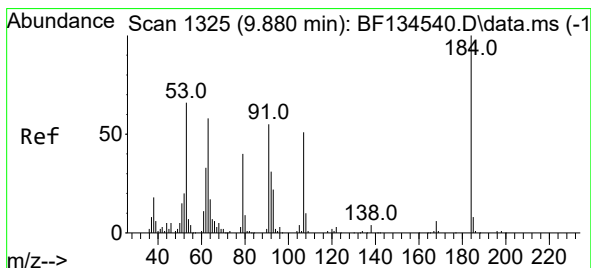
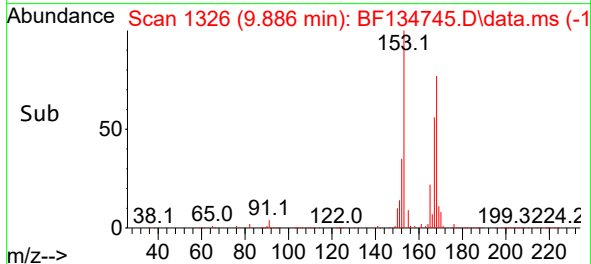
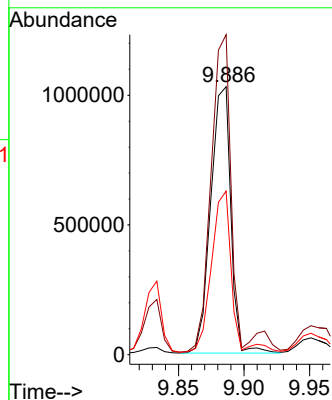
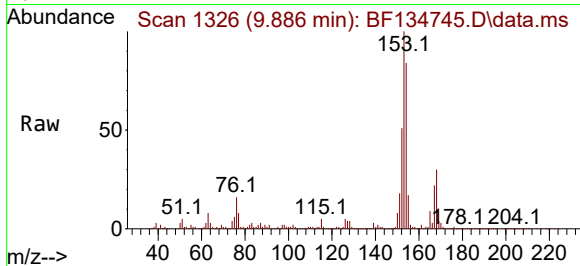




#52
Acenaphthene
Concen: 52.843 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

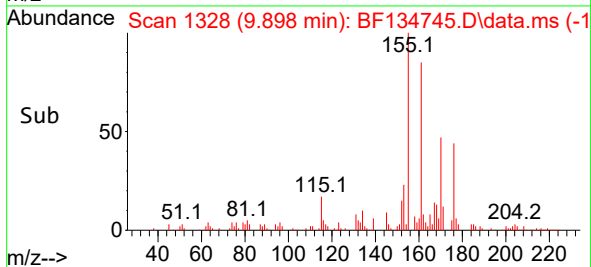
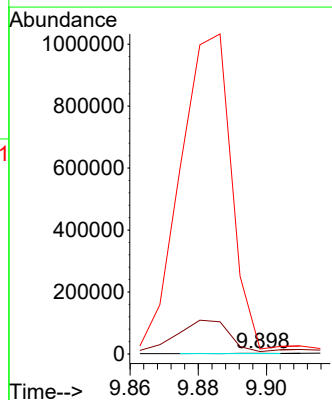
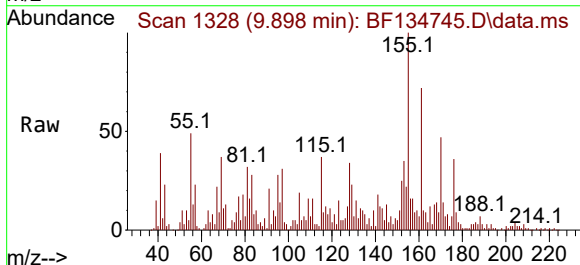
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

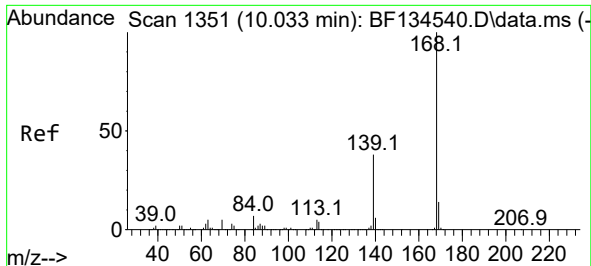
Tgt Ion:154 Resp: 1091085
Ion Ratio Lower Upper
154 100
153 119.4 90.0 135.0
152 61.0 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.839 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:184 Resp: 1534
Ion Ratio Lower Upper
184 100
63 332.0 57.1 85.7#
154 707.7 59.1 88.7#

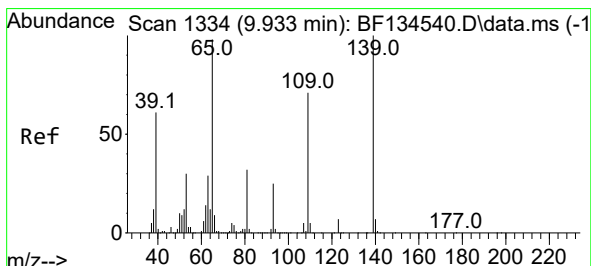
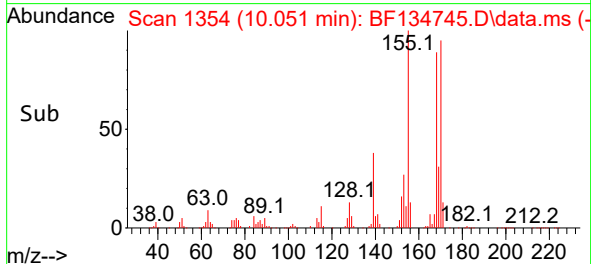
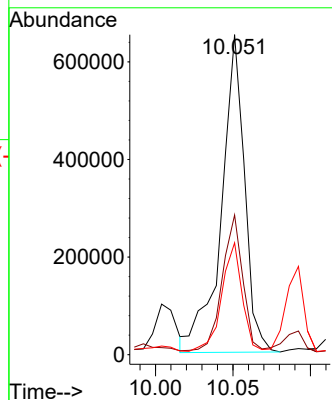
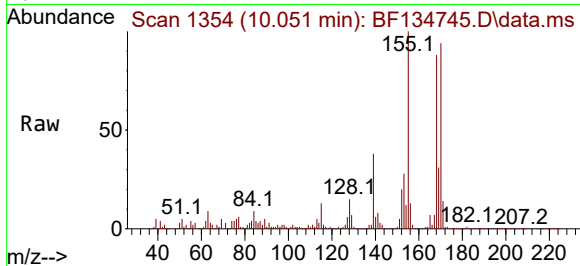




#55
Dibenzofuran
Concen: 23.100 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

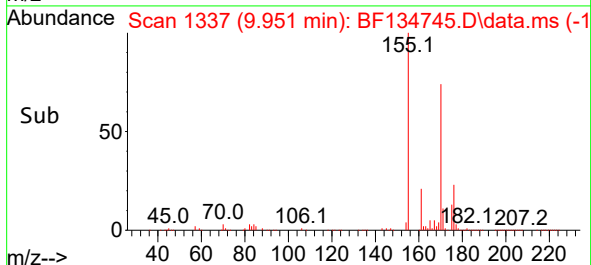
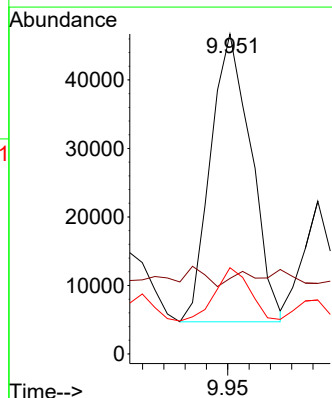
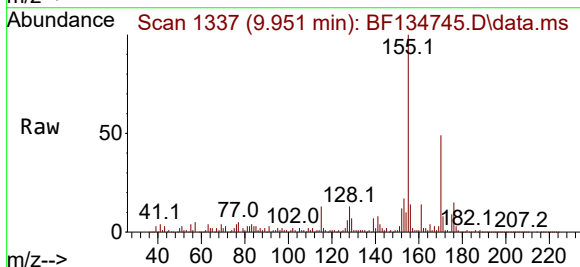
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

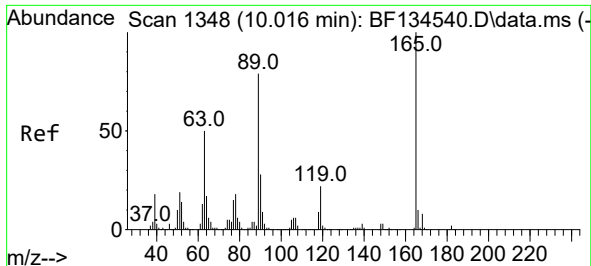
Tgt Ion:168 Resp: 678965
Ion Ratio Lower Upper
168 100
139 43.6 33.4 50.2
169 35.0 10.6 15.8#



#56
4-Nitrophenol
Concen: 12.863 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:139 Resp: 55594
Ion Ratio Lower Upper
139 100
109 23.6 76.9 116.9#
65 27.0 98.5 138.5#





#57

2,4-Dinitrotoluene

Concen: 17.825 ng

RT: 10.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

Tgt Ion:165 Resp: 93411

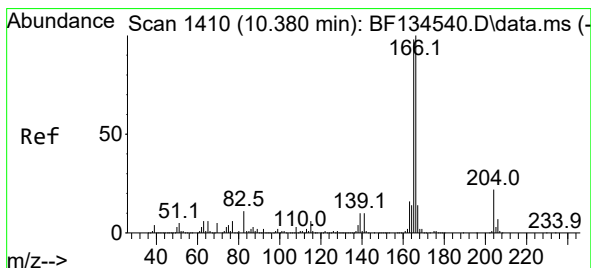
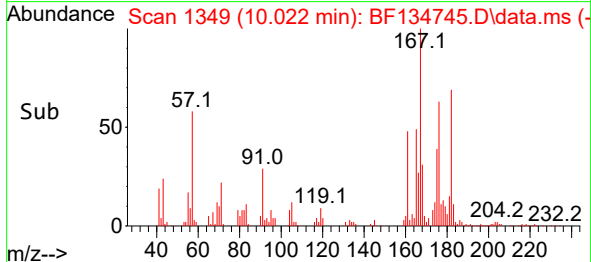
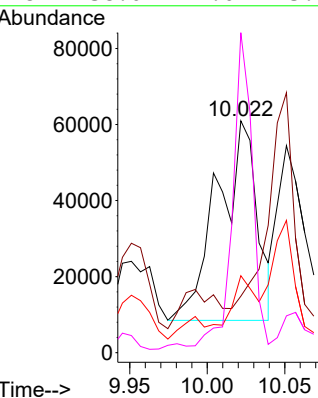
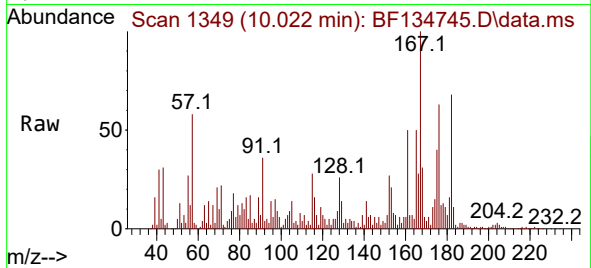
Ion Ratio Lower Upper

165 100

63 24.4 48.9 73.3#

89 33.2 61.7 92.5#

182 138.0 2.0 3.0#



#58

Fluorene

Concen: 141.969 ng

RT: 10.416 min Scan# 1416

Delta R.T. 0.029 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

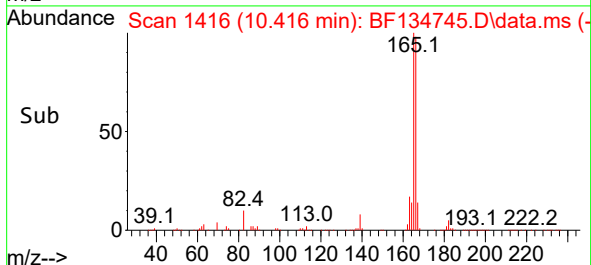
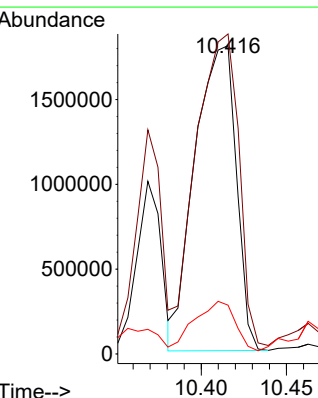
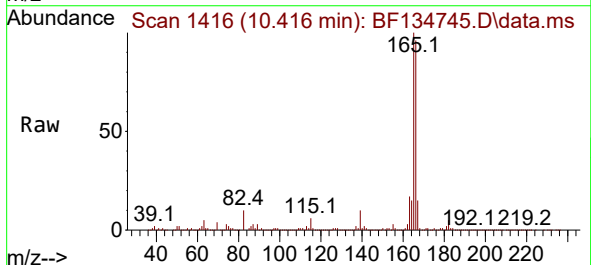
Tgt Ion:166 Resp: 3039476

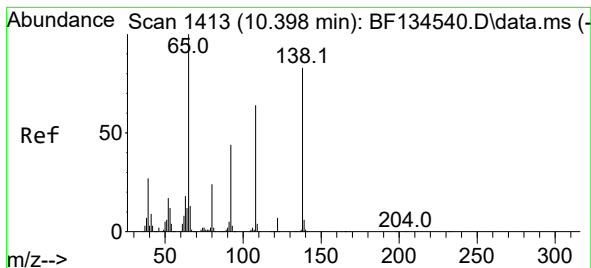
Ion Ratio Lower Upper

166 100

165 103.8 74.5 111.7

167 15.9 10.6 16.0

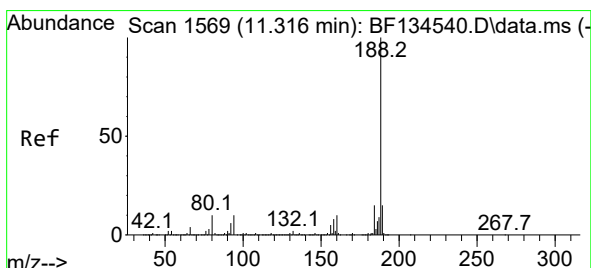
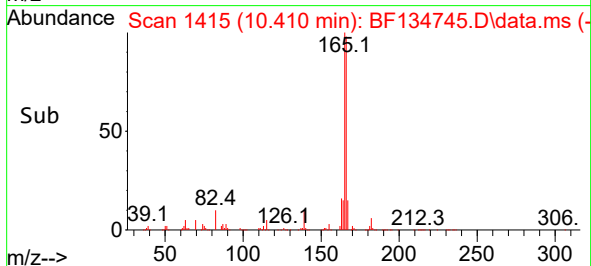
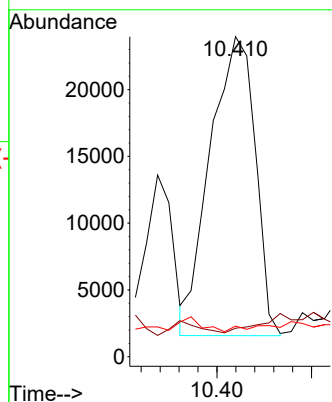
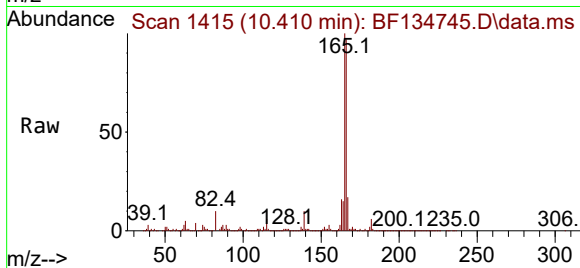




#62
4-Nitroaniline
Concen: 7.128 ng
RT: 10.410 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

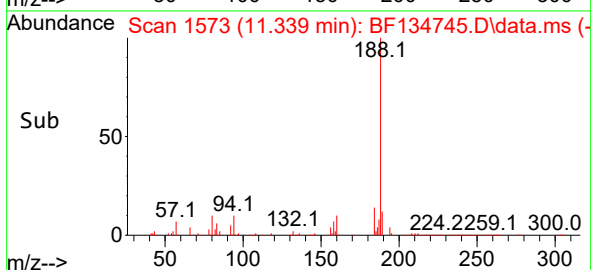
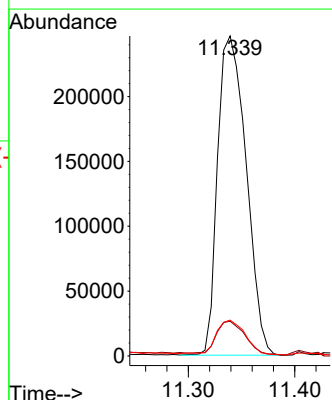
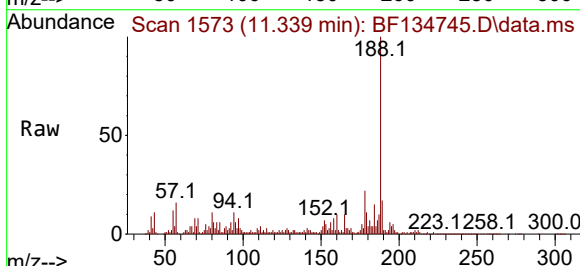
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

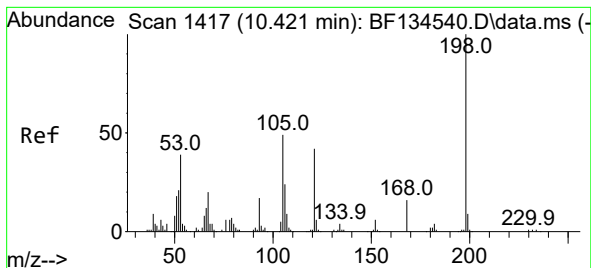
Tgt Ion:138 Resp: 36919
Ion Ratio Lower Upper
138 100
92 8.9 27.0 67.0#
108 9.6 70.4 110.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.018 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:188 Resp: 457911
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.2 6.6 9.8#

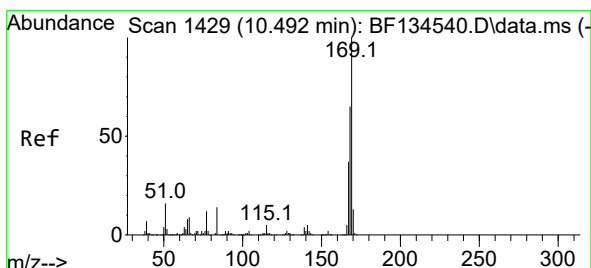
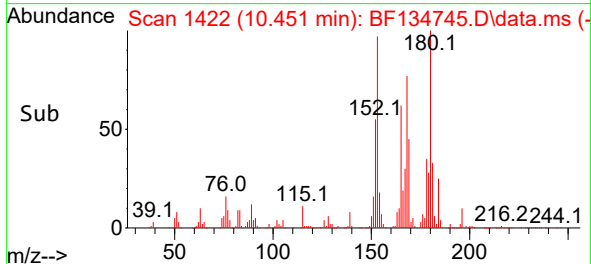
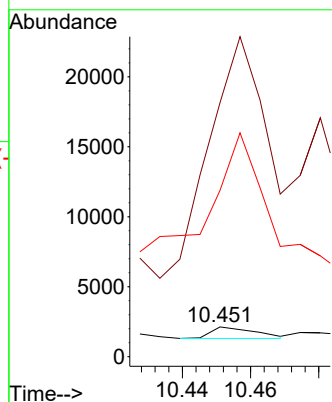
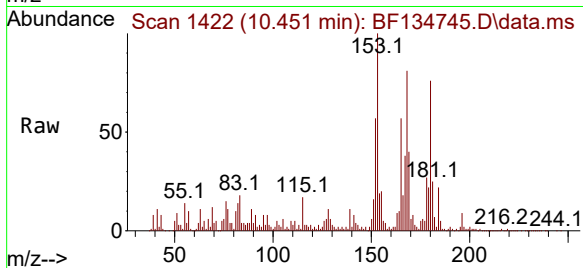




#65
4,6-Dinitro-2-methylphenol
Concen: 9.021 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

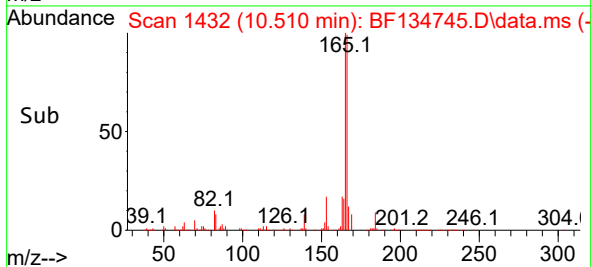
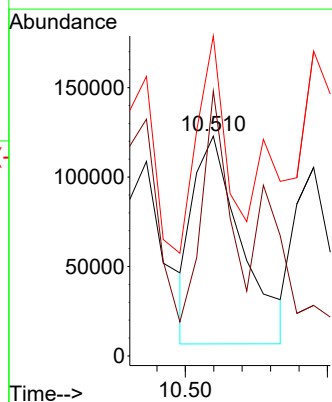
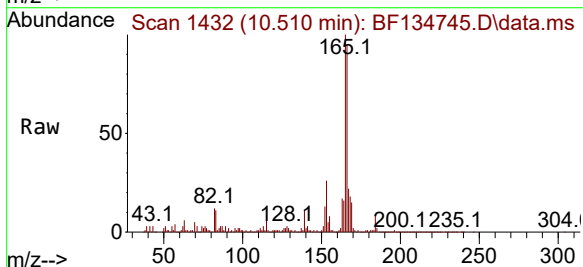
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

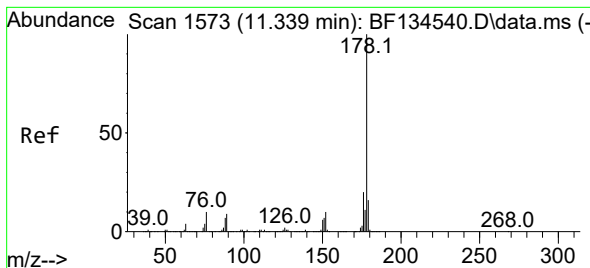
Tgt Ion:198 Resp: 729
Ion Ratio Lower Upper
198 100
51 855.4 38.6 78.6#
105 560.1 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 9.393 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:169 Resp: 136898
Ion Ratio Lower Upper
169 100
168 120.5 52.6 78.8#
167 145.6 29.8 44.8#





#71

Phenanthrene

Concen: 333.987 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.041 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

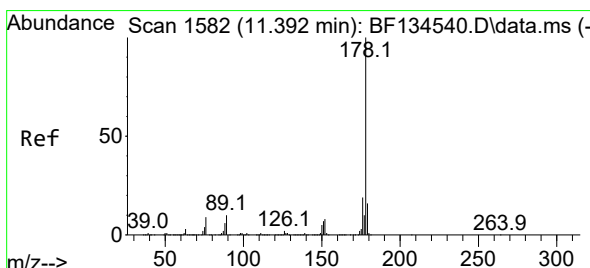
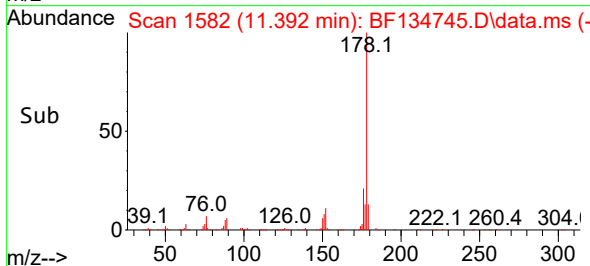
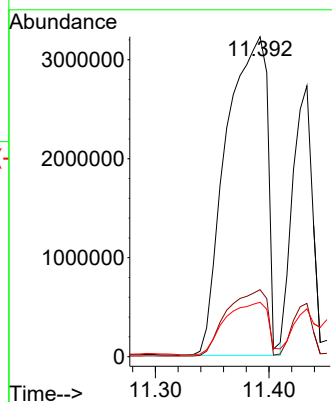
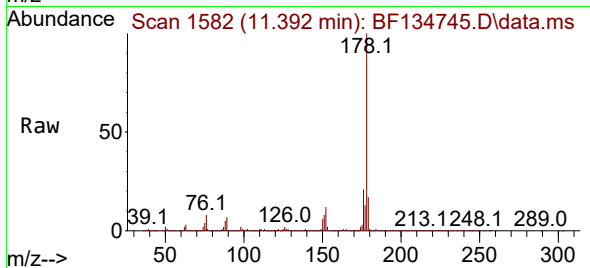
Tgt Ion:178 Resp: 8123366

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.6

179 17.0 12.7 19.1



#72

Anthracene

Concen: 132.062 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.029 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

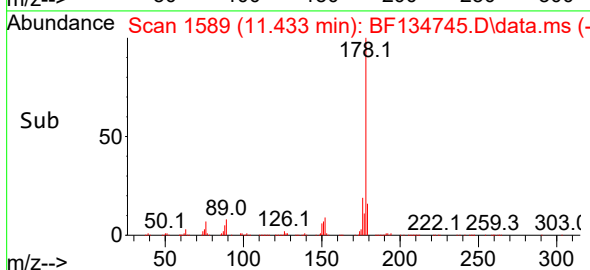
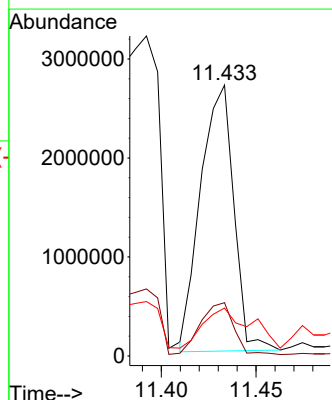
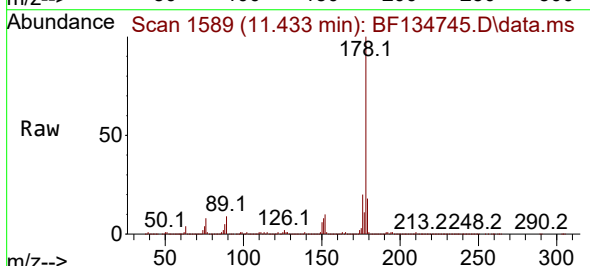
Tgt Ion:178 Resp: 3280956

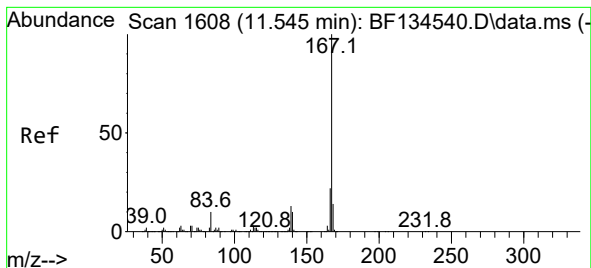
Ion Ratio Lower Upper

178 100

176 19.6 14.6 21.8

179 17.7 12.3 18.5





#73

Carbazole

Concen: 8.521 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

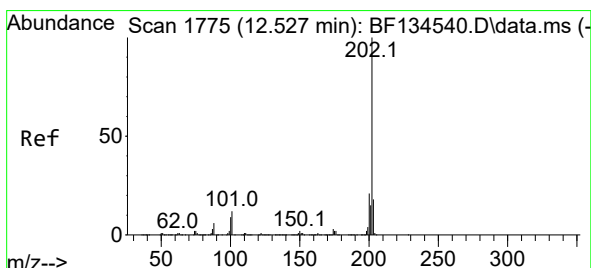
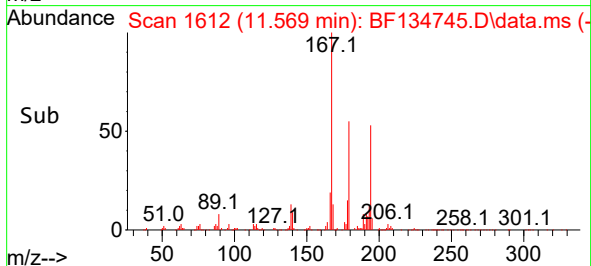
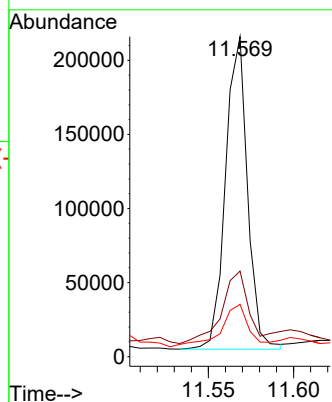
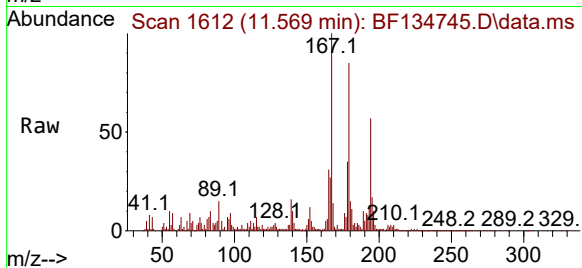
Tgt Ion:167 Resp: 189008

Ion Ratio Lower Upper

167 100

166 26.7 17.5 26.3#

139 16.4 11.0 16.4



#75

Fluoranthene

Concen: 158.057 ng

RT: 12.569 min Scan# 1782

Delta R.T. 0.029 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

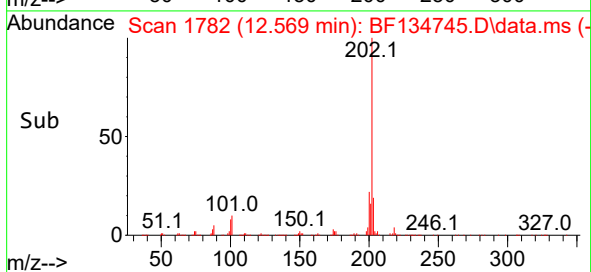
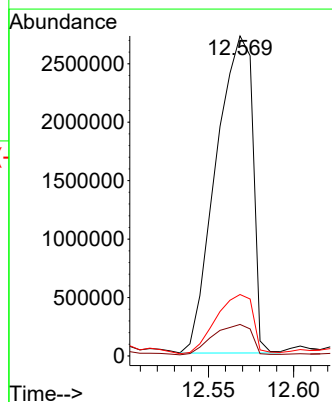
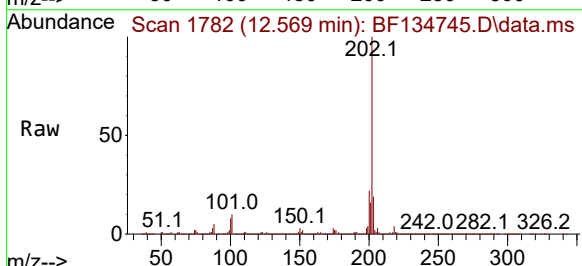
Tgt Ion:202 Resp: 4060817

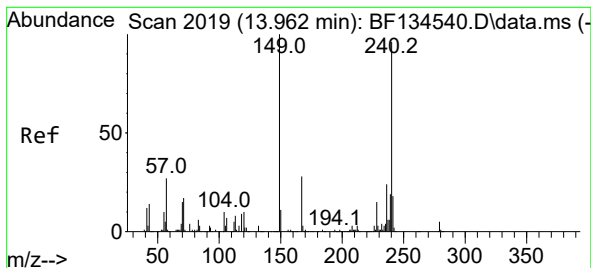
Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.5

203 19.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

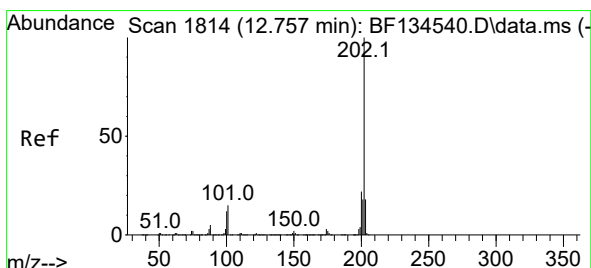
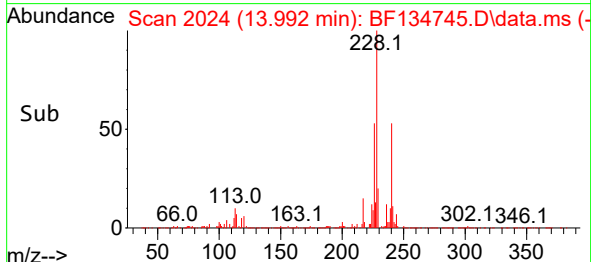
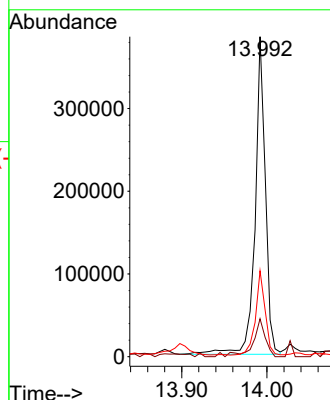
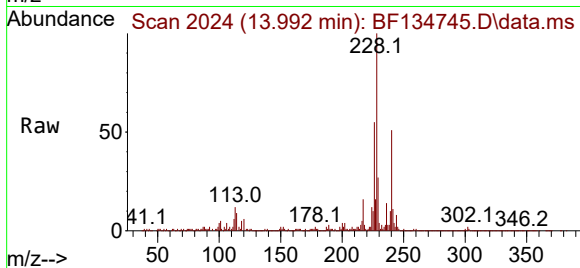
Tgt Ion:240 Resp: 322162

Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 26.9 20.2 30.2



#78

Pyrene

Concen: 79.700 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.112 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

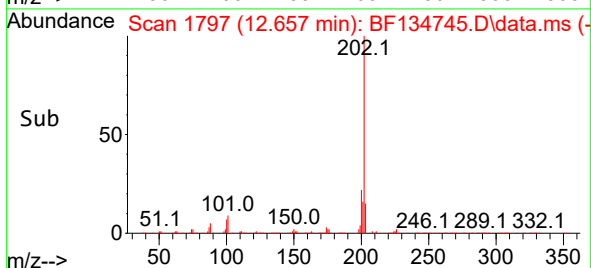
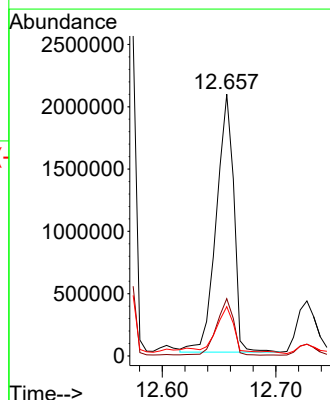
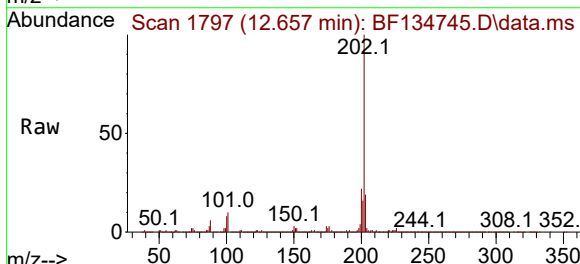
Tgt Ion:202 Resp: 2221813

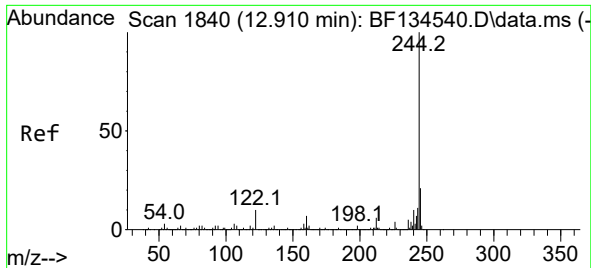
Ion Ratio Lower Upper

202 100

200 21.9 15.8 23.8

203 18.9 13.5 20.3

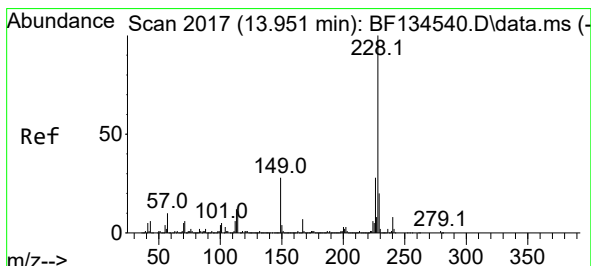
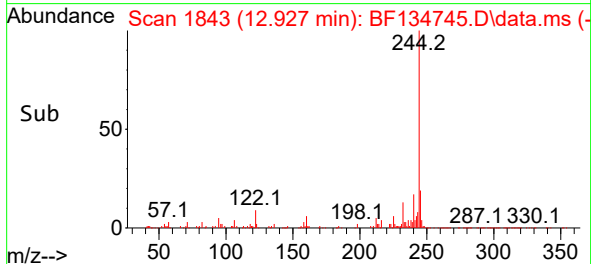
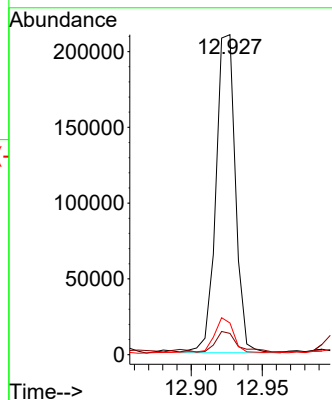
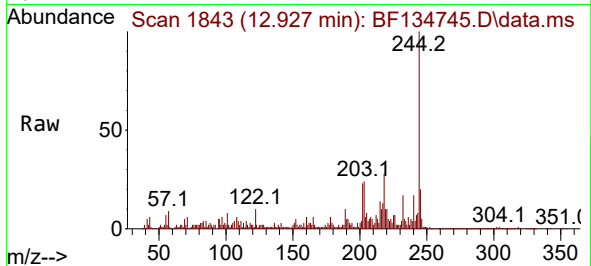




#79
 Terphenyl-d14
 Concen: 10.954 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134745.D
 Acq: 11 Aug 2023 21:53

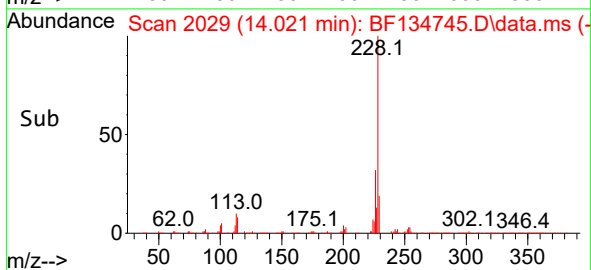
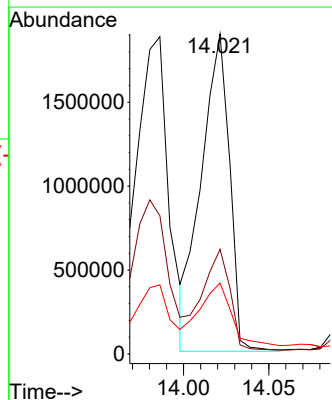
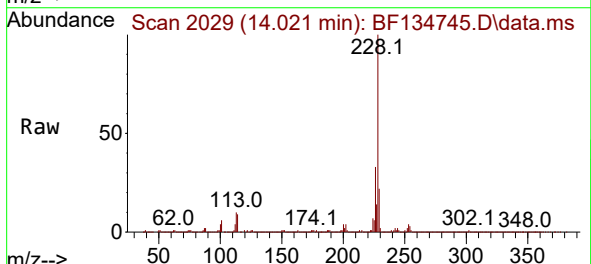
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z93-94

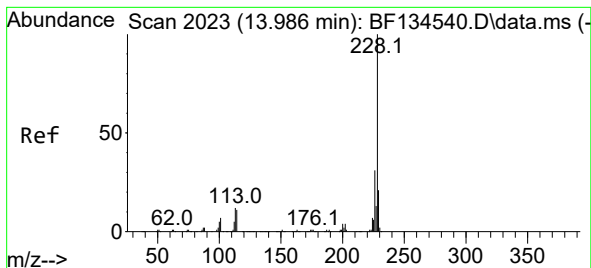
Tgt Ion:244 Resp: 200176
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 94.930 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. 0.059 min
 Lab File: BF134745.D
 Acq: 11 Aug 2023 21:53

Tgt Ion:228 Resp: 2186813
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.3 33.5
 229 22.2 15.8 23.6





#83

Chrysene

Concen: 97.437 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

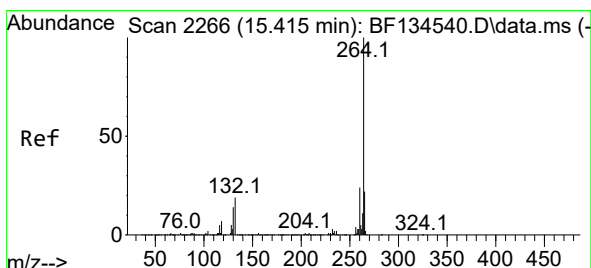
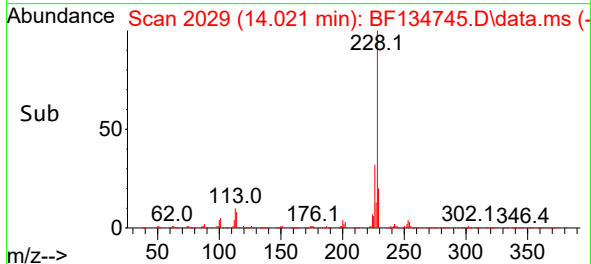
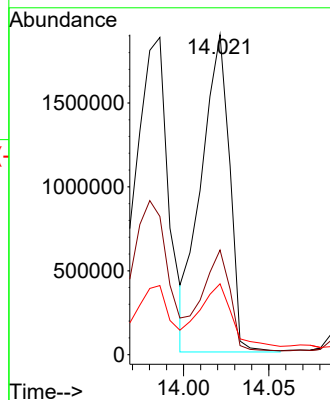
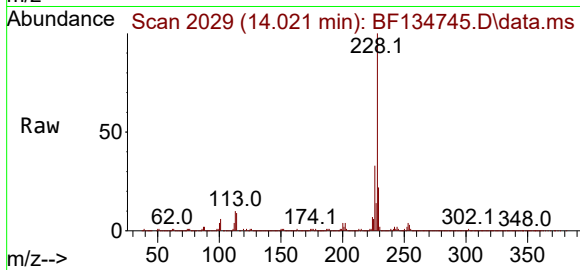
Tgt Ion:228 Resp: 2186813

Ion Ratio Lower Upper

228 100

226 32.7 24.5 36.7

229 22.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.018 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

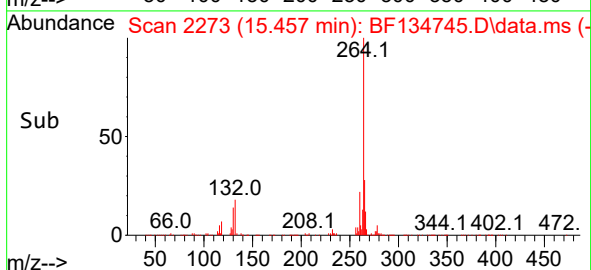
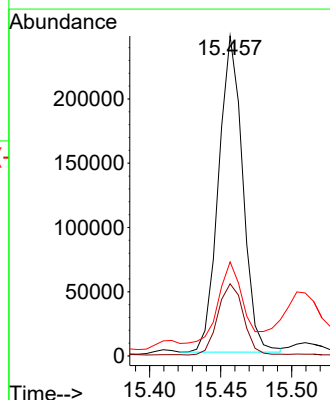
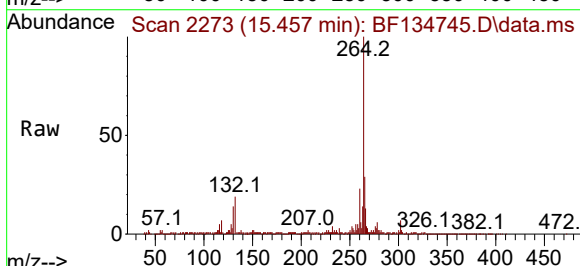
Tgt Ion:264 Resp: 290843

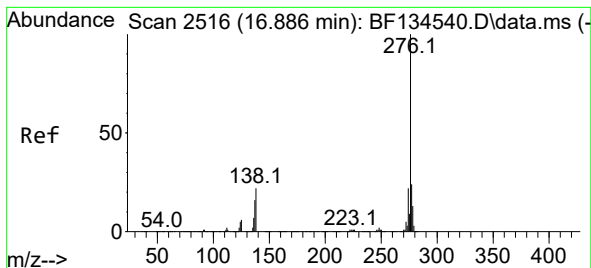
Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 29.4 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.223 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z93-94

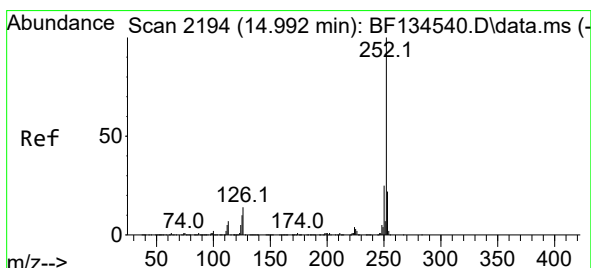
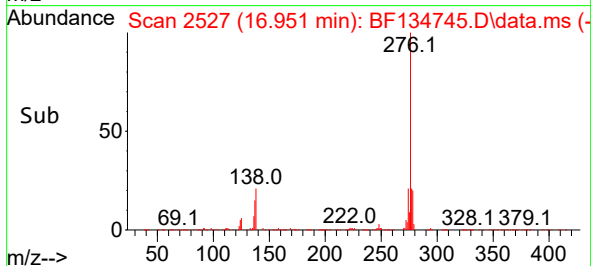
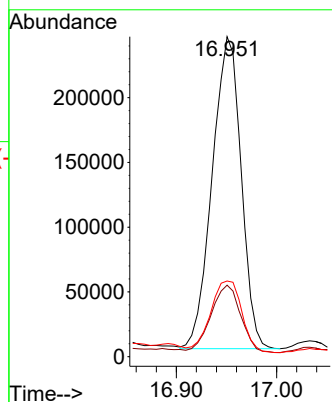
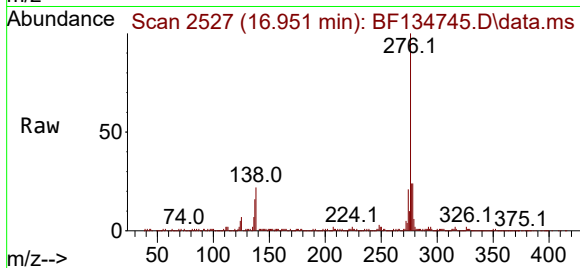
Tgt Ion:276 Resp: 482767

Ion Ratio Lower Upper

276 100

138 22.2 14.2 21.4#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 100.437 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.024 min

Lab File: BF134745.D

Acq: 11 Aug 2023 21:53

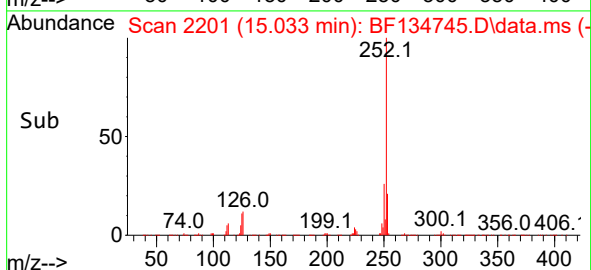
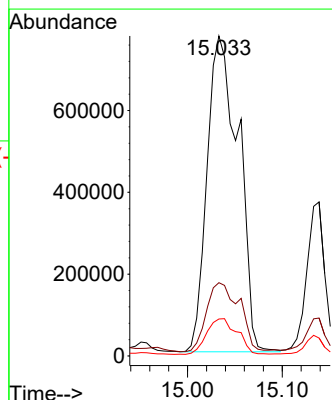
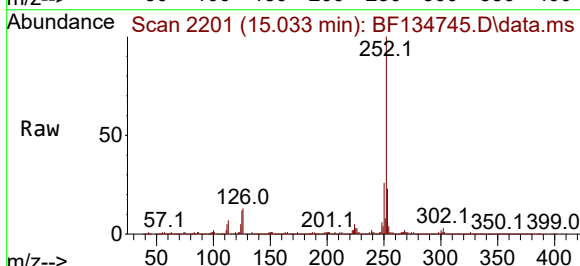
Tgt Ion:252 Resp: 1781581

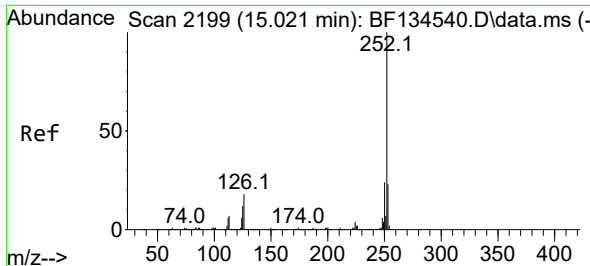
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 11.6 6.0 9.0#

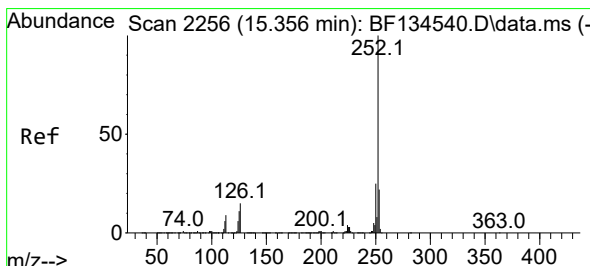
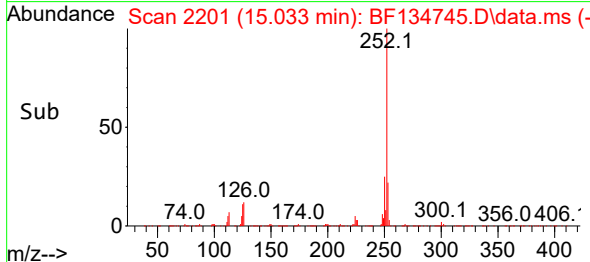
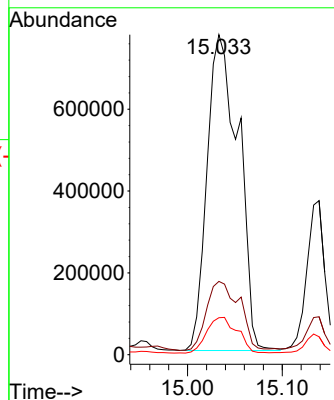
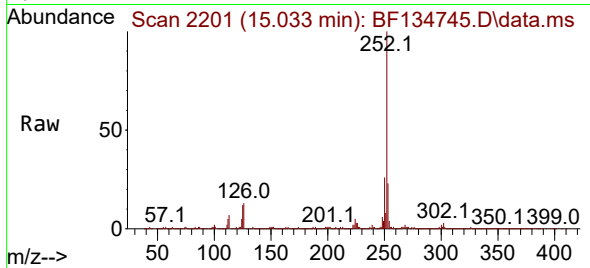




#89
Benzo(k)fluoranthene
Concen: 100.824 ng
RT: 15.033 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

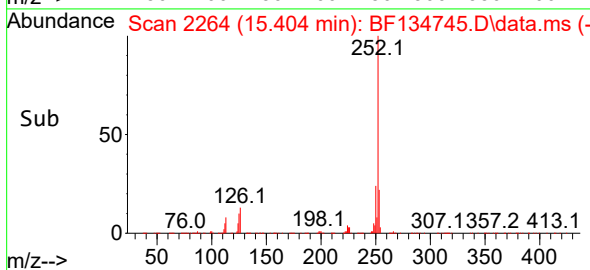
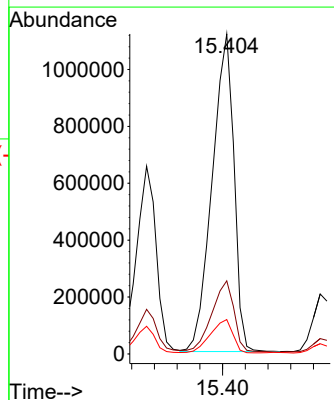
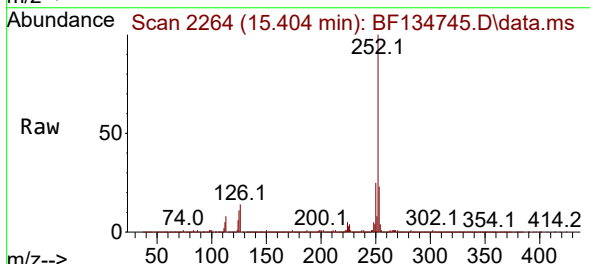
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

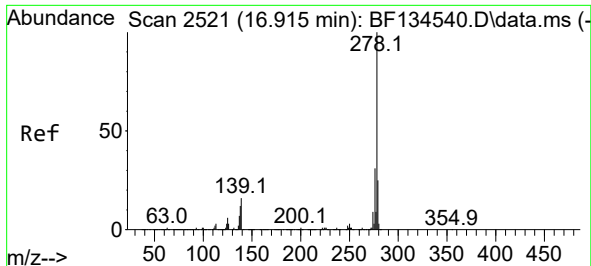
Tgt Ion:252 Resp: 1781581
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.6 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 89.958 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.024 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:252 Resp: 1487796
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 10.8 6.2 9.4#

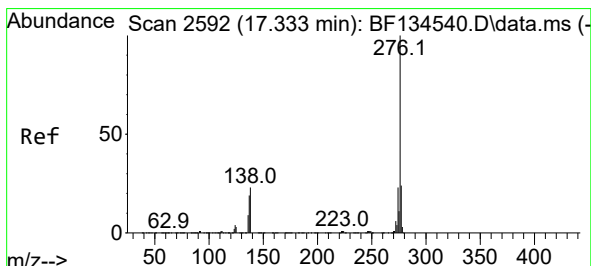
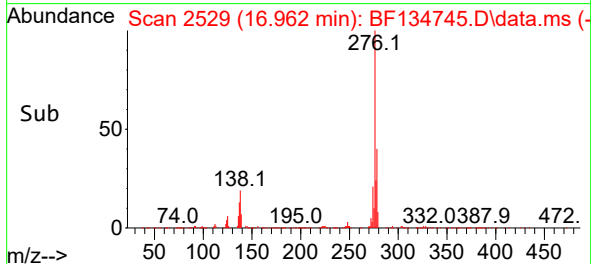
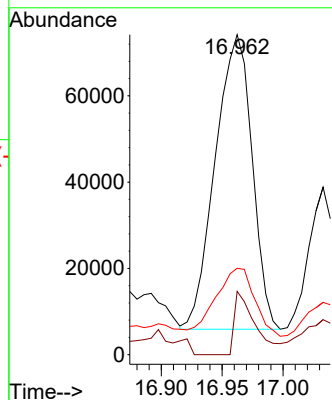
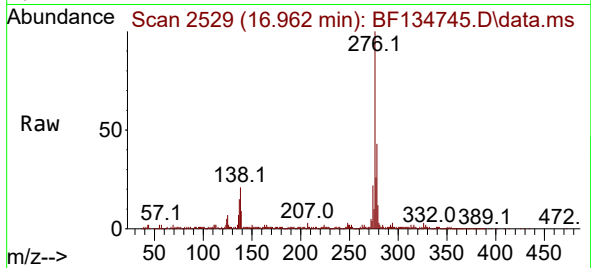




#91
Dibenzo(a,h)anthracene
Concen: 10.398 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z93-94

Tgt Ion:278 Resp: 143744
Ion Ratio Lower Upper
278 100
139 19.8 10.0 15.0#
279 27.0 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 36.706 ng
RT: 17.404 min Scan# 2604
Delta R.T. 0.029 min
Lab File: BF134745.D
Acq: 11 Aug 2023 21:53

Tgt Ion:276 Resp: 517588
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 22.9 12.2 18.2#

