

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134787.D
 Acq On : 15 Aug 2023 16:38
 Operator : CG\JU
 Sample : 04014-04 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z84-85

Quant Time: Aug 16 03:11:50 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	6.798	152	182837	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	514052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	333661	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	493045	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	341568	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	336765	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	66560	5.534	ng	-0.01
7) Phenol-d6	6.422	99	85251	5.545	ng	-0.02
23) Nitrobenzene-d5	7.357	82	47843	5.816	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	15541	4.569	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	108520	5.408	ng	-0.01
79) Terphenyl-d14	12.916	244	89069	4.597	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	111879	11.354	ng	# 1
18) Hexachloroethane	7.334	117	151585	34.329	ng	# 1
22) Acetophenone	7.193	105	55997	4.719	ng	# 50
24) Nitrobenzene	7.416	77	19429	2.186	ng	# 6
26) 2-Nitrophenol	7.698	139	1660	5.188	ng	# 1
31) Naphthalene	8.140	128	10576332	409.375	ng	95
32) Benzoic acid	7.869	122	2072	8.199	ng	# 1
33) 4-Chloroaniline	8.140	127	1547147	134.400	ng	# 34
35) Caprolactam	8.504	113	10556	4.503	ng	# 4
37) 2-Methylnaphthalene	8.816	142	3682898	215.065	ng	100
38) 1-Methylnaphthalene	8.916	142	3664725	230.138	ng	98
46) 1,1'-Biphenyl	9.263	154	1357975	52.338	ng	98
48) 2-Nitroaniline	9.357	65	35205	8.591	ng	# 32
49) Acenaphthylene	9.698	152	686647	22.469	ng	# 85
51) 2,6-Dinitrotoluene	9.534	165	23931	7.364	ng	# 1
52) Acenaphthene	9.892	154	2769467	139.840	ng	99
54) 2,4-Dinitrophenol	9.910	184	1709	8.009	ng	# 1
55) Dibenzofuran	10.045	168	408632	14.494	ng	# 89
56) 4-Nitrophenol	9.939	139	42200	10.179	ng	# 13
57) 2,4-Dinitrotoluene	10.016	165	46032	10.544	ng	# 44
58) Fluorene	10.398	166	2139295	104.177	ng	92
62) 4-Nitroaniline	10.398	138	25398	5.112	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.445	198	915	9.075	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	99957	6.369	ng	# 1
71) Phenanthrene	11.380	178	5777793	220.623	ng	98
72) Anthracene	11.422	178	2478931	92.669	ng	97
73) Carbazole	11.557	167	105542	4.419	ng	# 88
75) Fluoranthene	12.557	202	2529729	91.447	ng	96
78) Pyrene	12.792	202	3466697	117.291	ng	94
81) Benzo(a)anthracene	14.010	228	1563727	64.025	ng	93
83) Chrysene	14.010	228	1563727	65.716	ng	96
87) Indeno(1,2,3-cd)pyrene	16.933	276	274648	13.867	ng	# 95
88) Benzo(b)fluoranthene	15.021	252	1247409	60.734	ng	# 94
89) Benzo(k)fluoranthene	15.021	252	1247409	60.968	ng	# 96
90) Benzo(a)pyrene	15.392	252	1016094	53.059	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	87807	5.486	ng	# 92

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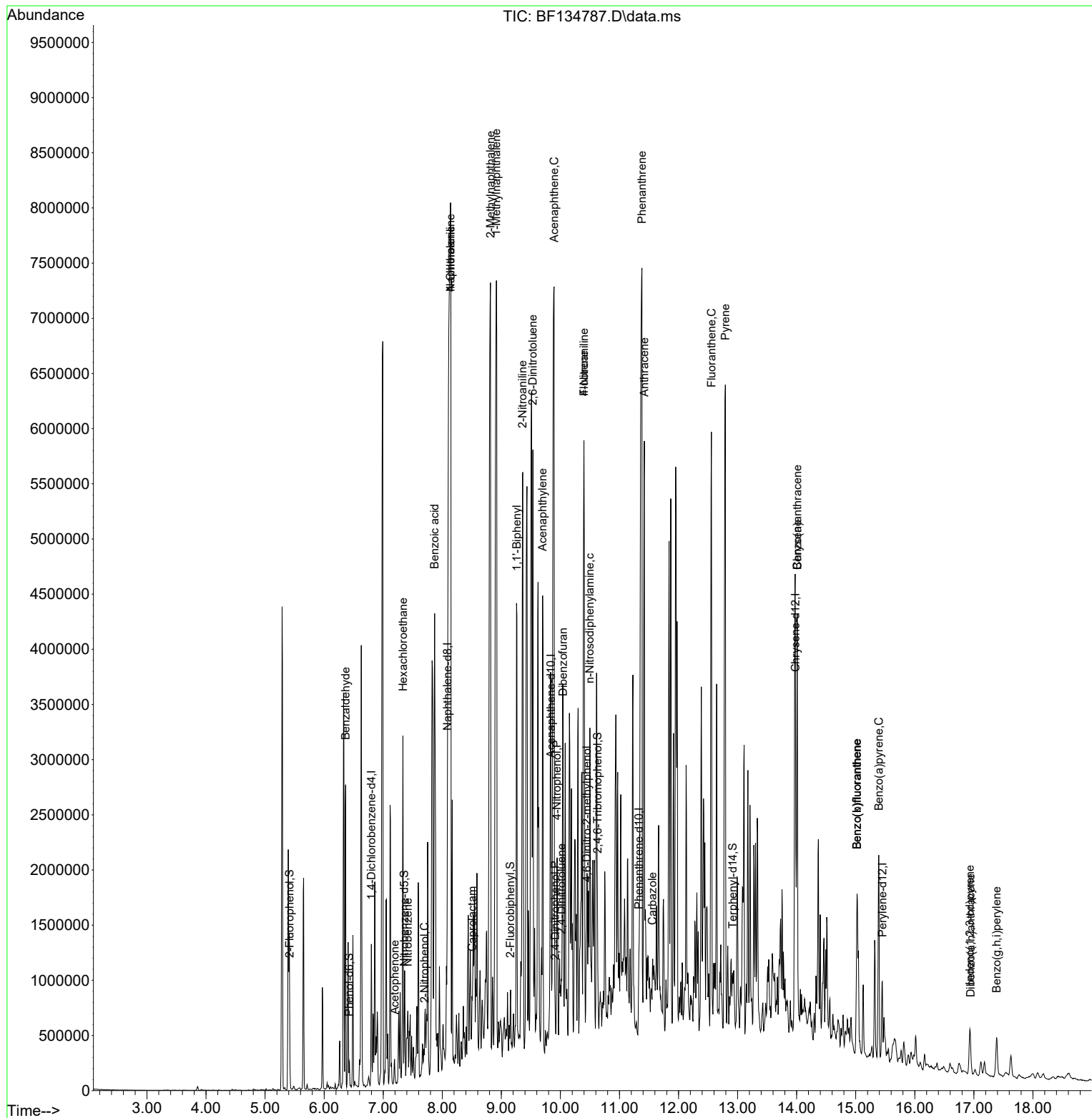
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.386	276	291825	17.873	ng	# 93

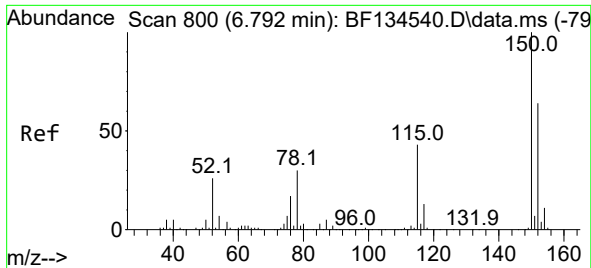
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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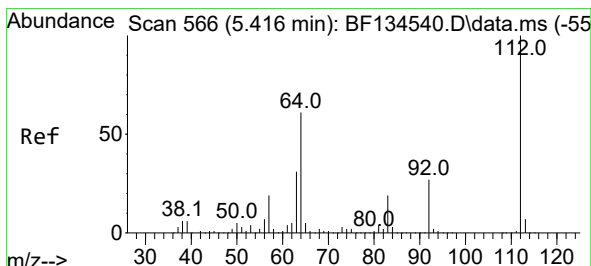
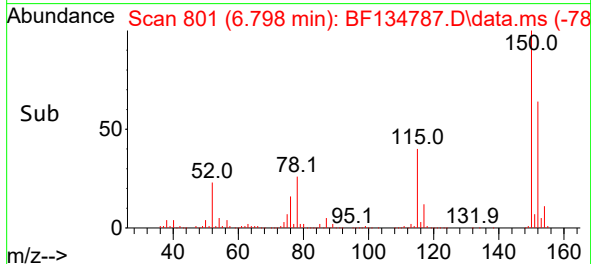
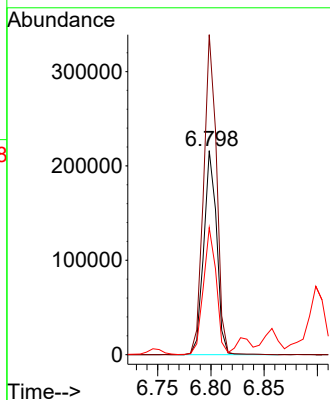
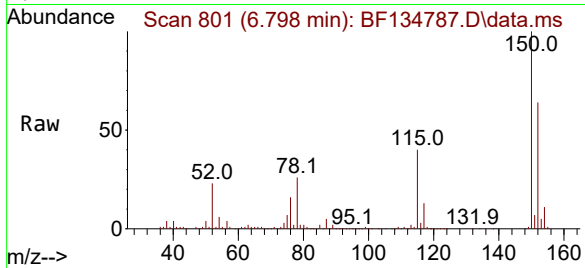




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

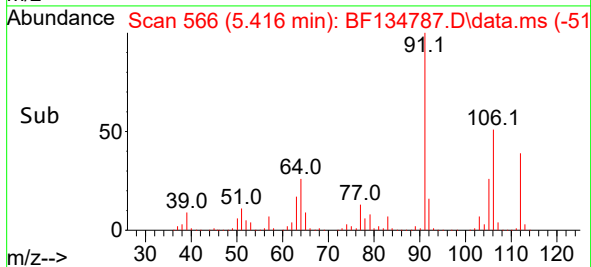
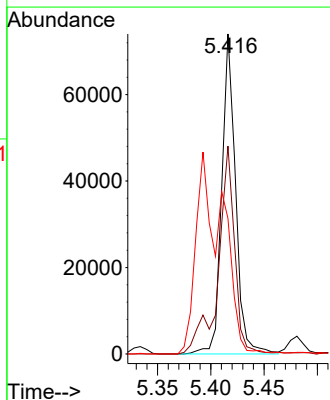
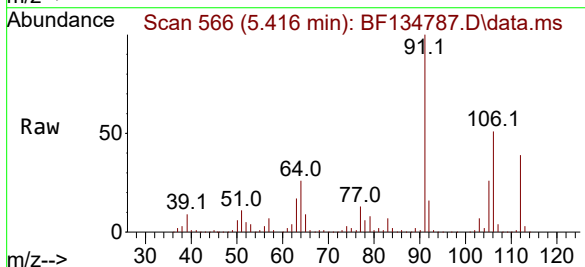
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

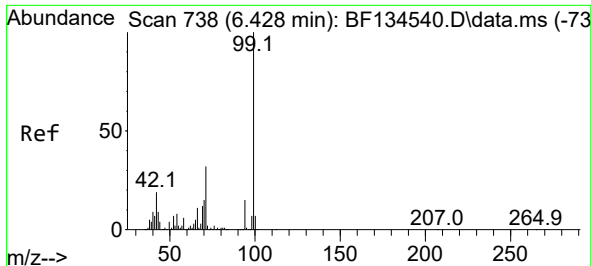
Tgt Ion:152 Resp: 182837
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 5.534 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:112 Resp: 66560
Ion Ratio Lower Upper
112 100
64 64.9 44.9 67.3
63 42.4 25.4 38.0#





#7

Phenol-d6

Concen: 5.545 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

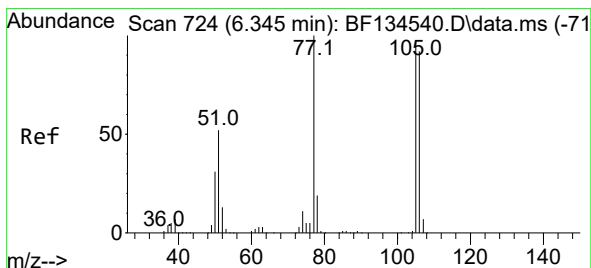
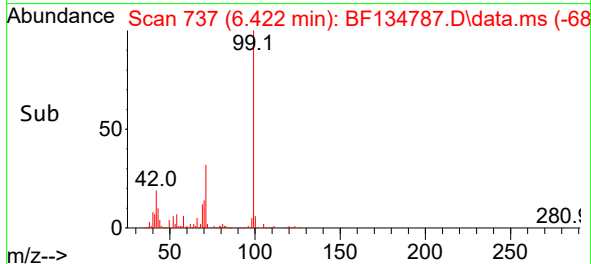
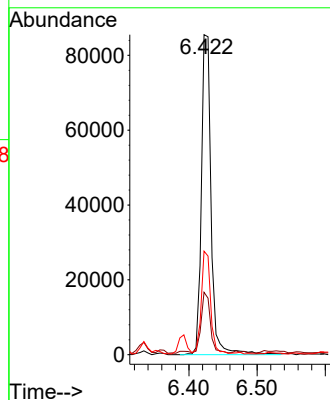
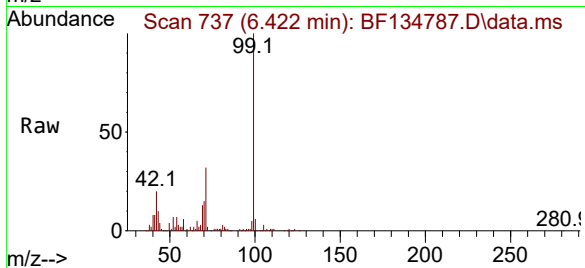
Tgt Ion: 99 Resp: 85251

Ion Ratio Lower Upper

99 100

42 19.5 18.7 28.1

71 32.4 36.4 54.6#



#9

Benzaldehyde

Concen: 11.354 ng

RT: 6.363 min Scan# 727

Delta R.T. 0.006 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

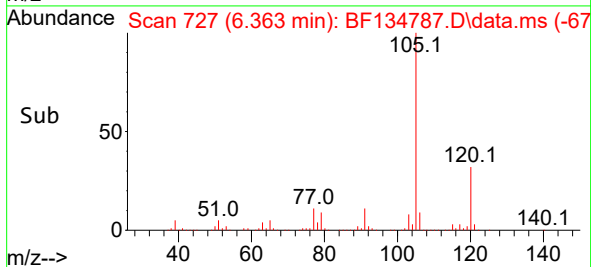
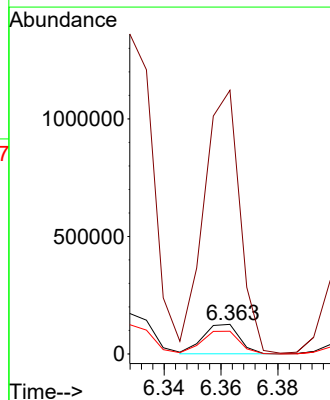
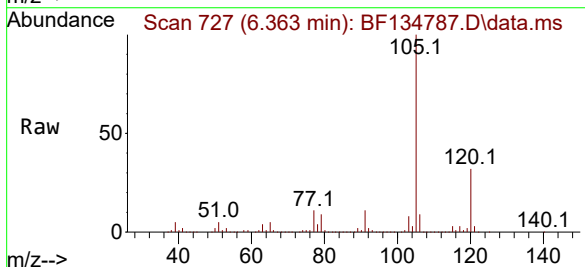
Tgt Ion: 77 Resp: 111879

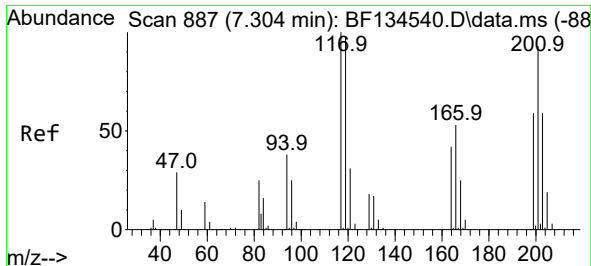
Ion Ratio Lower Upper

77 100

105 891.6 77.1 117.1#

106 77.1 71.4 111.4

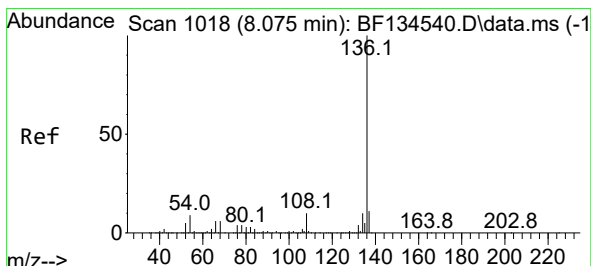
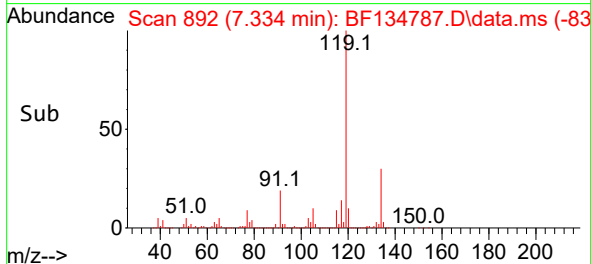
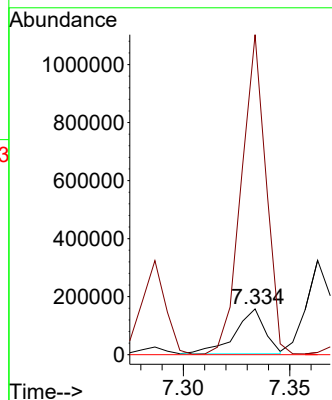
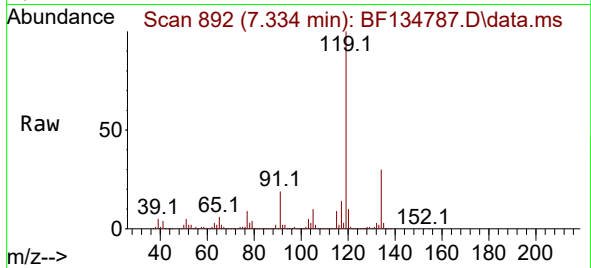




#18
Hexachloroethane
Concen: 34.329 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.024 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

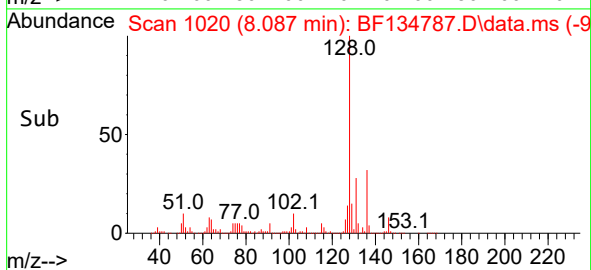
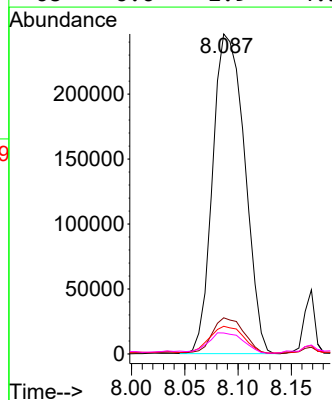
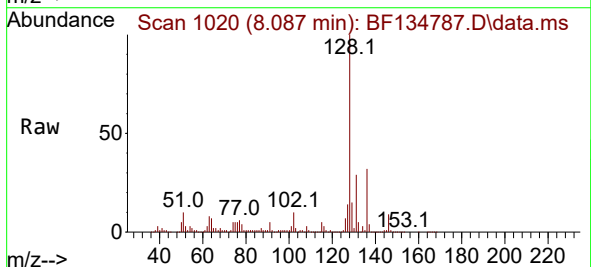
Instrument :
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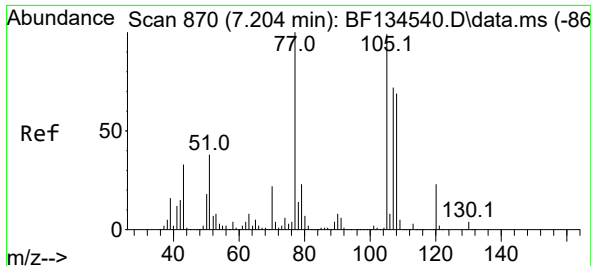
Tgt Ion:117 Resp: 151585
Ion Ratio Lower Upper
117 100
119 697.9 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:136 Resp: 514052
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#

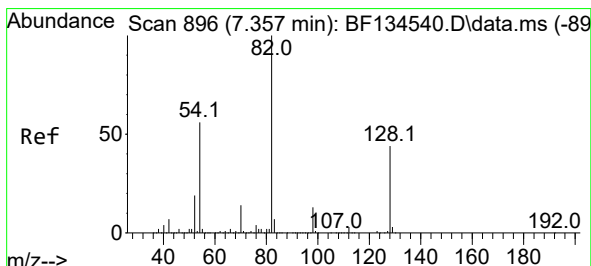
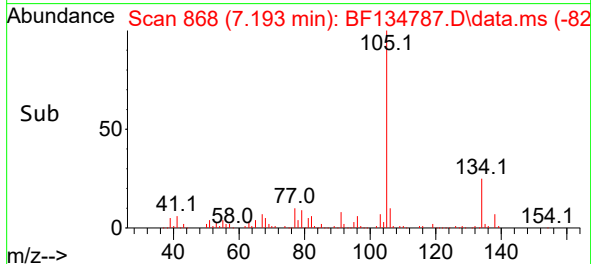
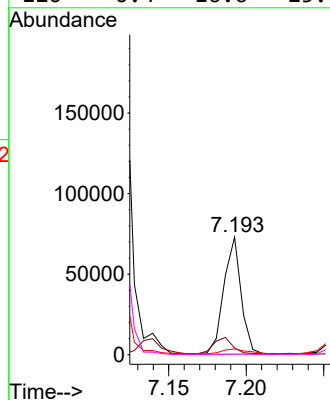
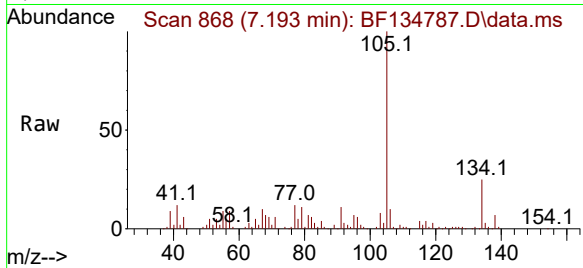




#22
Acetophenone
Concen: 4.719 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

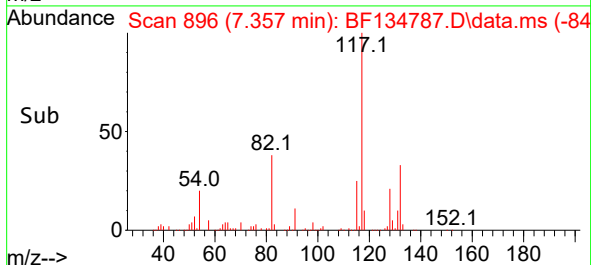
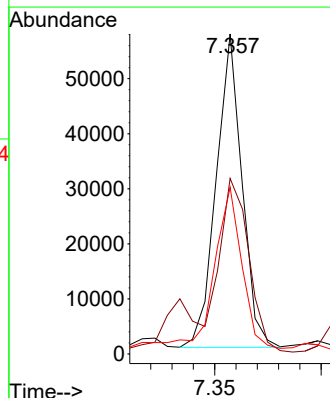
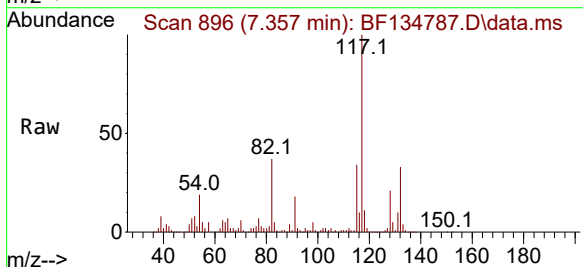
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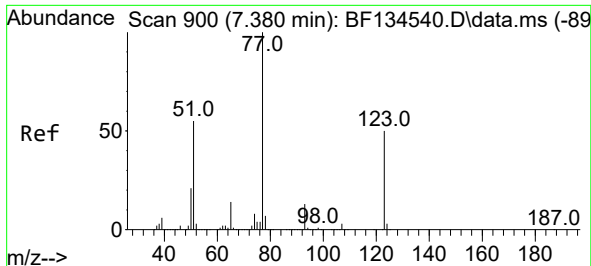
Tgt Ion:105 Resp: 55997
Ion Ratio Lower Upper
105 100
71 5.7 7.4 11.0#
51 4.9 36.4 54.6#
120 0.4 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 5.816 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion: 82 Resp: 47843
Ion Ratio Lower Upper
82 100
128 54.9 34.3 51.5#
54 52.1 43.8 65.6





#24

Nitrobenzene

Concen: 2.186 ng

RT: 7.416 min Scan# 900

Delta R.T. 0.030 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

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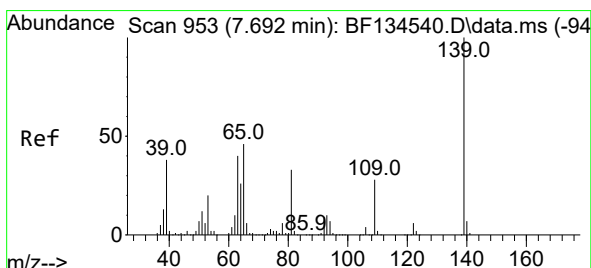
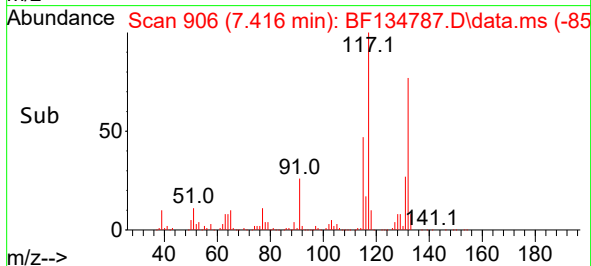
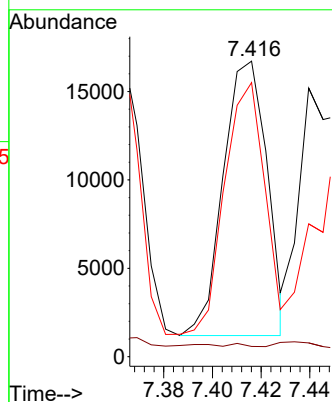
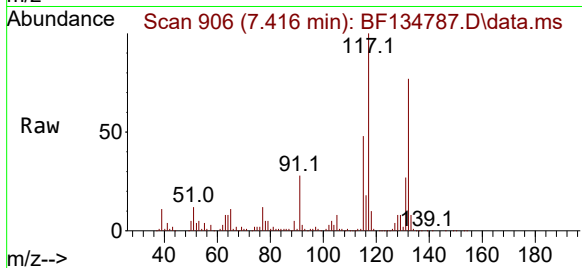
Tgt Ion: 77 Resp: 19429

Ion Ratio Lower Upper

77 100

123 3.5 35.5 53.3#

65 92.7 11.9 17.9#



#26

2-Nitrophenol

Concen: 5.188 ng

RT: 7.698 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

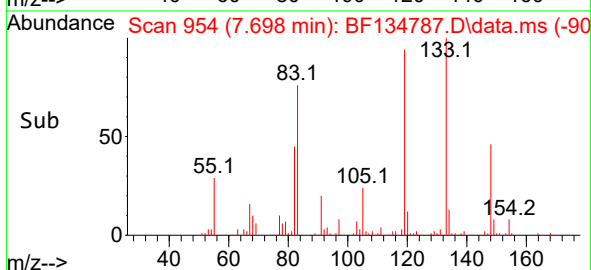
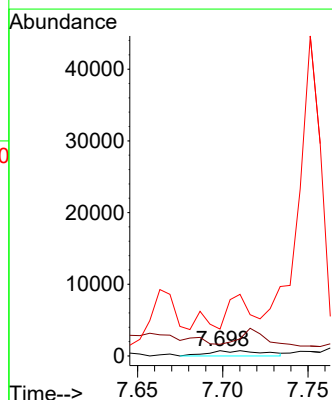
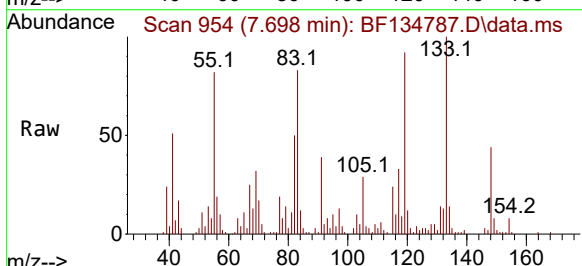
Tgt Ion: 139 Resp: 1660

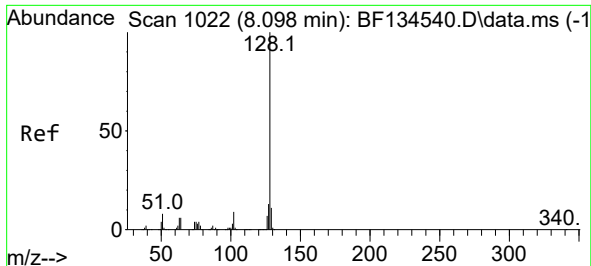
Ion Ratio Lower Upper

139 100

109 217.9 29.8 44.6#

65 503.2 45.4 68.2#

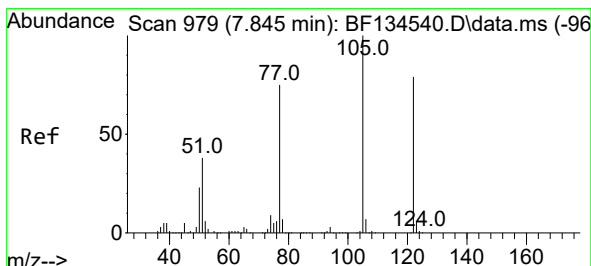
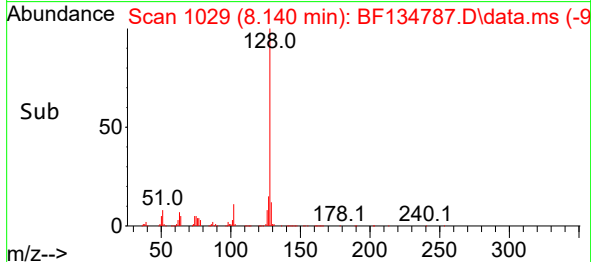
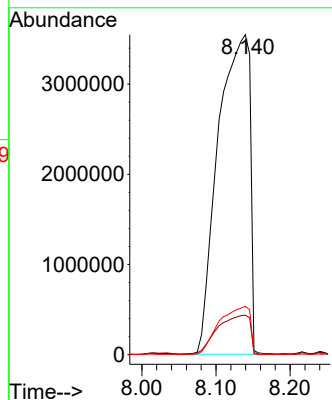
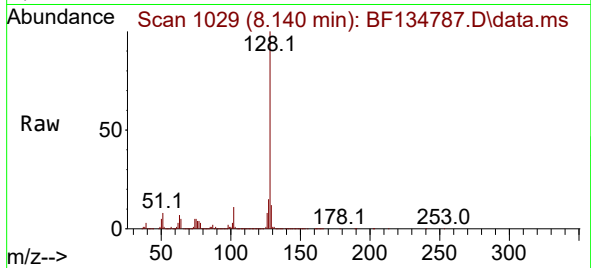




#31
Naphthalene
Concen: 409.375 ng
RT: 8.140 min Scan# 1022
Delta R.T. 0.035 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

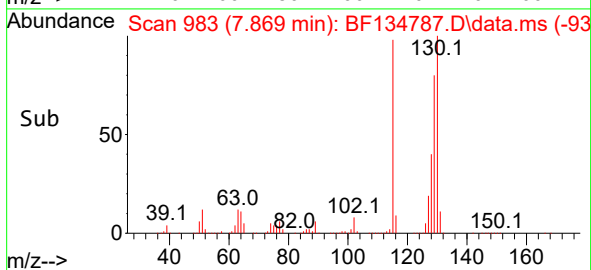
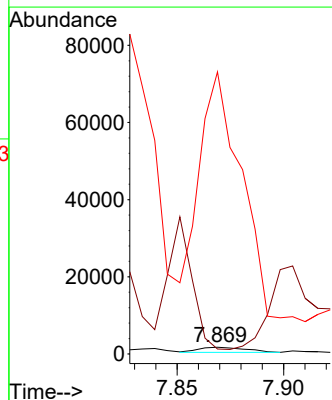
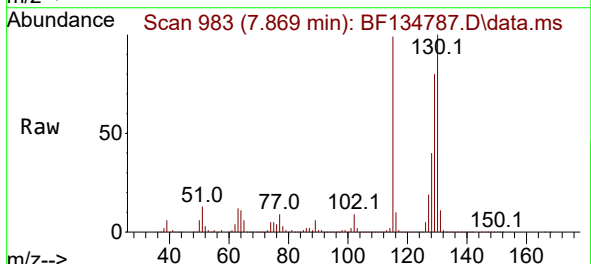
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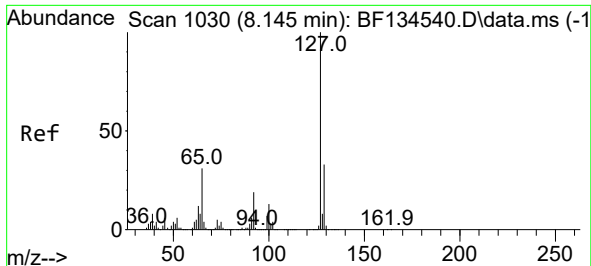
Tgt Ion:128 Resp:10576332
Ion Ratio Lower Upper
128 100
129 12.4 8.4 12.6
127 15.1 10.7 16.1



#32
Benzoic acid
Concen: 8.199 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
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Acq: 15 Aug 2023 16:38

Tgt Ion:122 Resp: 2072
Ion Ratio Lower Upper
122 100
105 73.2 87.5 127.5#
77 4215.9 71.4 111.4#

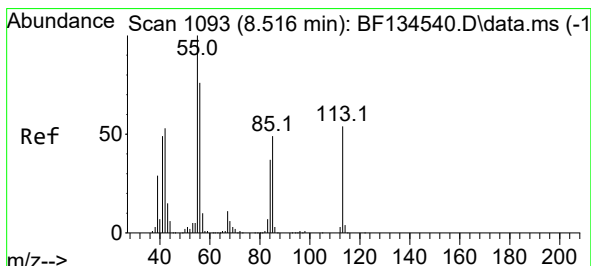
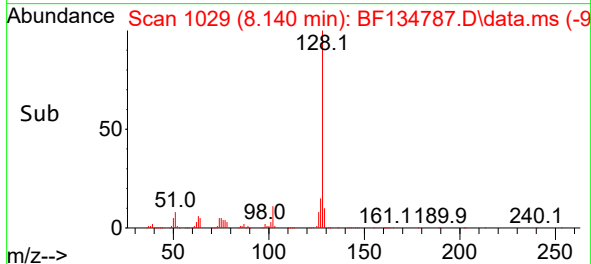
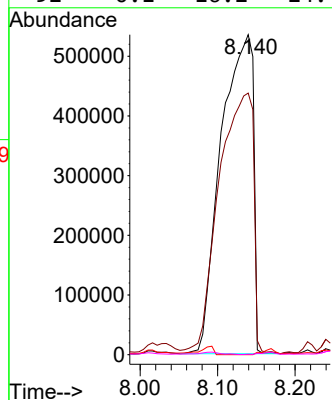
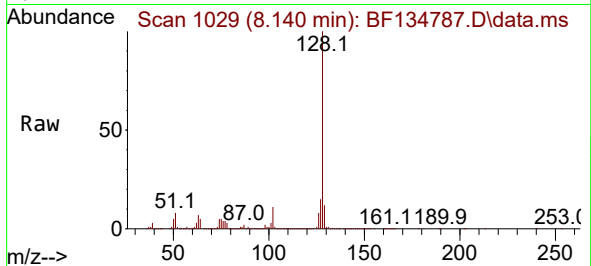




#33
4-Chloroaniline
Concen: 134.400 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

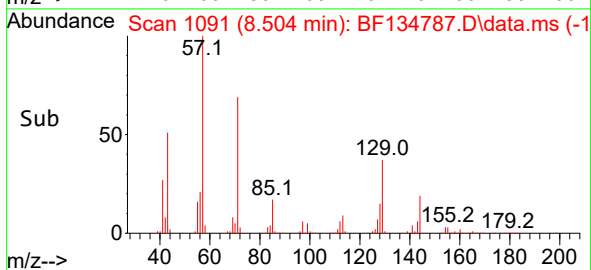
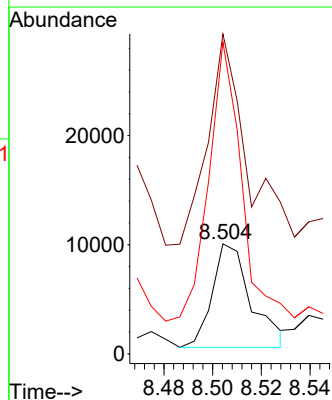
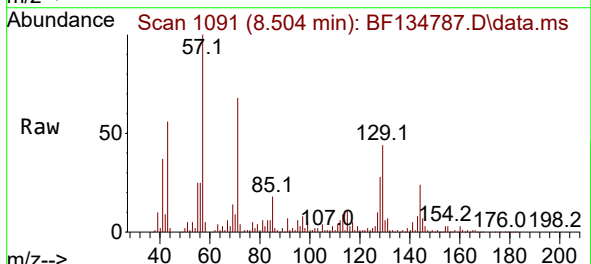
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

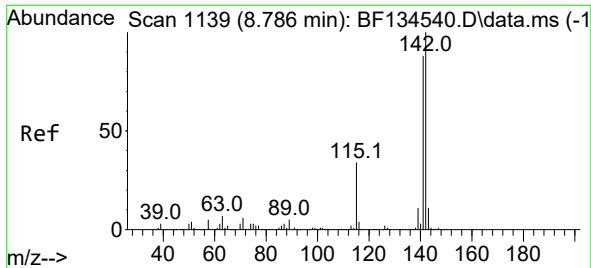
Tgt Ion:127 Resp: 1547147
Ion Ratio Lower Upper
127 100
129 81.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#



#35
Caprolactam
Concen: 4.503 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.029 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:113 Resp: 10556
Ion Ratio Lower Upper
113 100
55 290.8 161.5 201.5#
56 283.3 117.8 157.8#

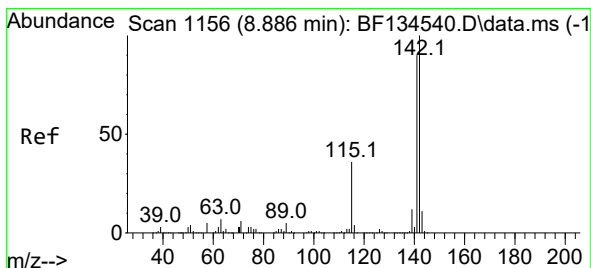
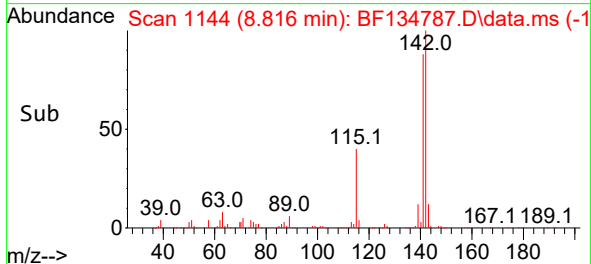
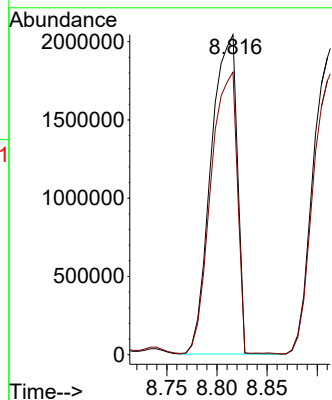
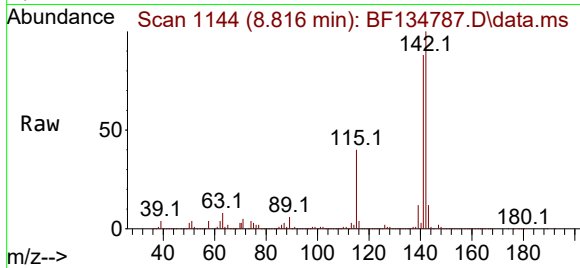




#37
2-Methylnaphthalene
Concen: 215.065 ng
RT: 8.816 min Scan# 1114
Delta R.T. 0.024 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

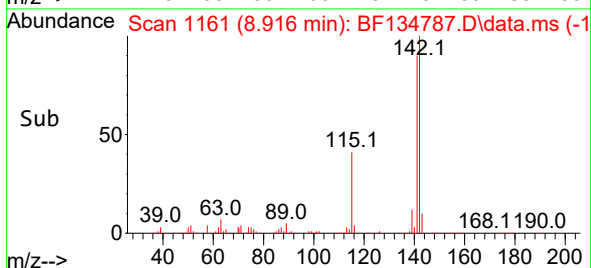
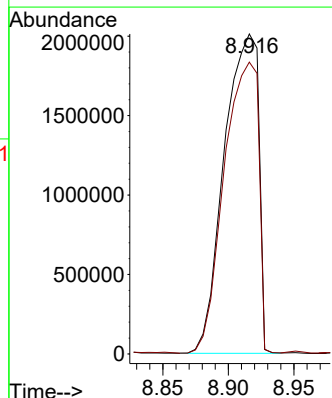
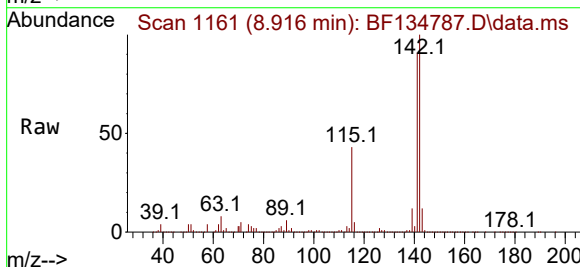
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

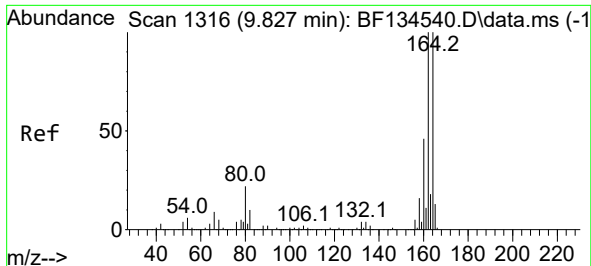
Tgt Ion:142 Resp: 3682898
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2



#38
1-Methylnaphthalene
Concen: 230.138 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.024 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:142 Resp: 3664725
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

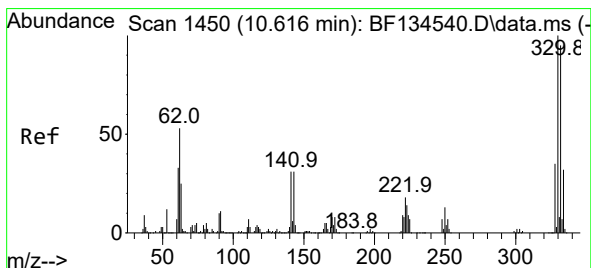
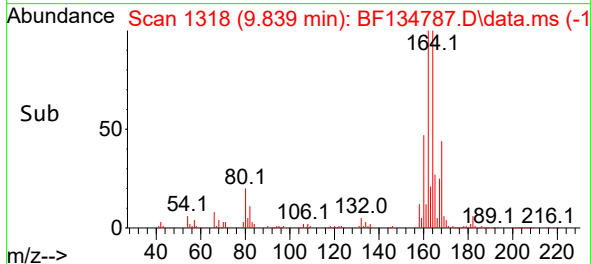
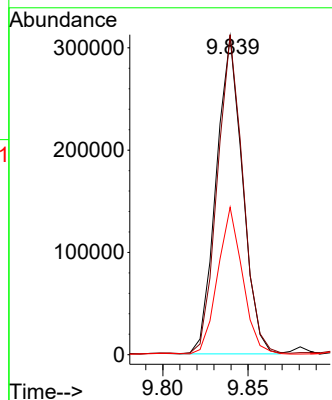
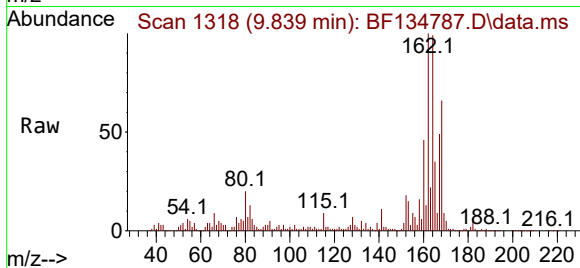
Tgt Ion:164 Resp: 333661

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

160 46.3 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 4.569 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

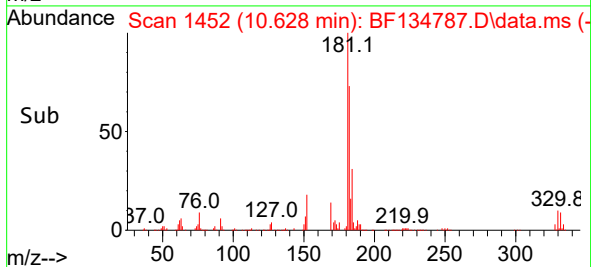
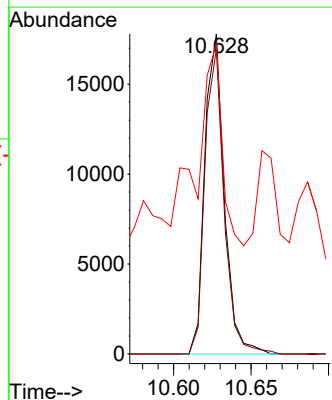
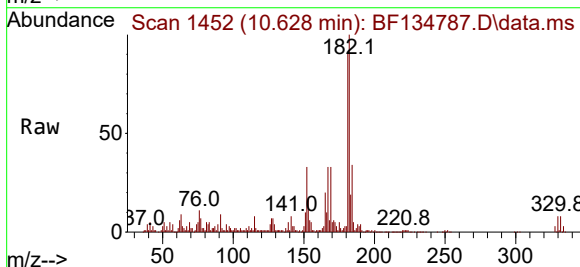
Tgt Ion:330 Resp: 15541

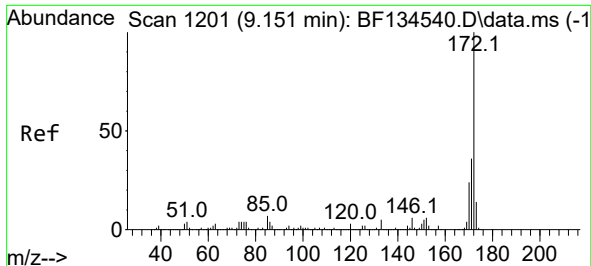
Ion Ratio Lower Upper

330 100

332 94.1 78.8 118.2

141 79.5 25.4 38.2#

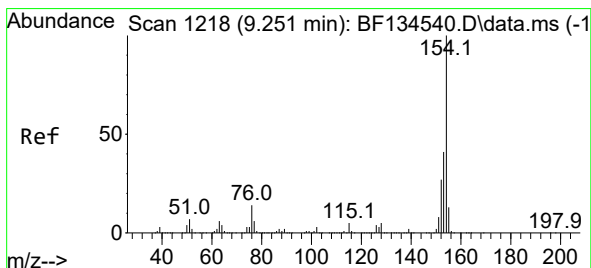
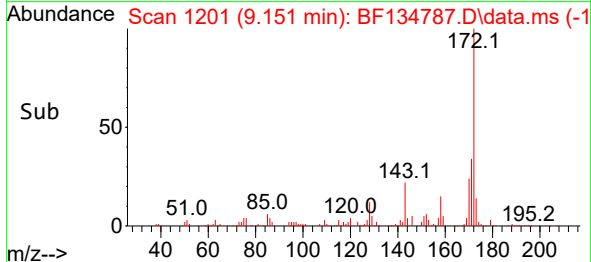
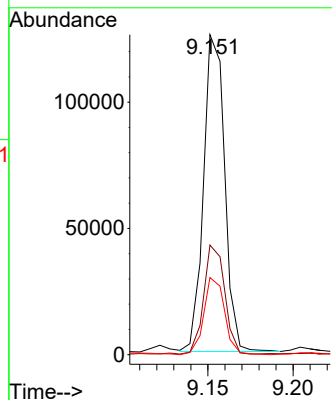
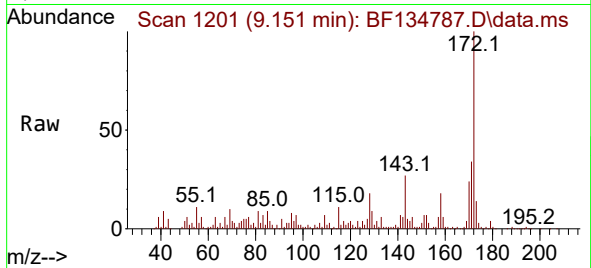




#45
2-Fluorobiphenyl
Concen: 5.408 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

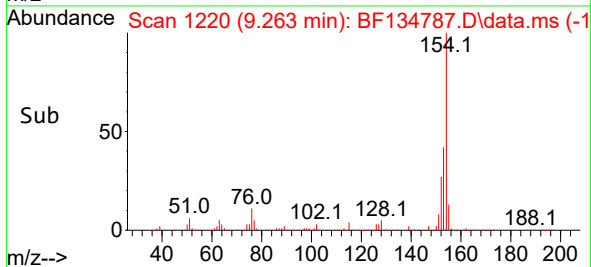
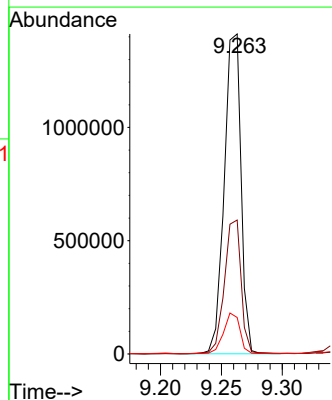
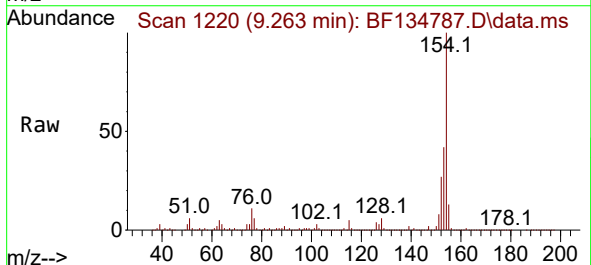
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

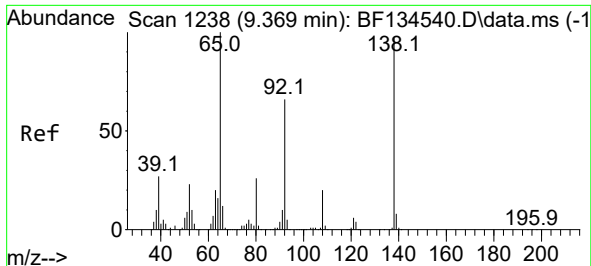
Tgt Ion:172 Resp: 108520
Ion Ratio Lower Upper
172 100
171 34.2 28.8 43.2
170 24.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 52.338 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:154 Resp: 1357975
Ion Ratio Lower Upper
154 100
153 41.9 20.8 60.8
76 11.4 0.0 30.2





#48

2-Nitroaniline

Concen: 8.591 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

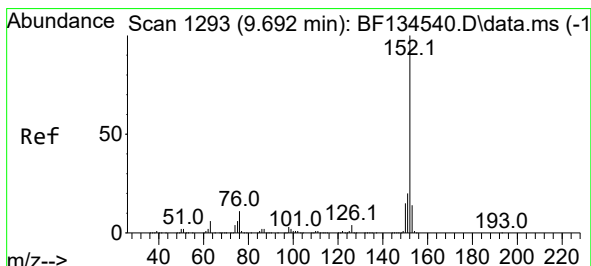
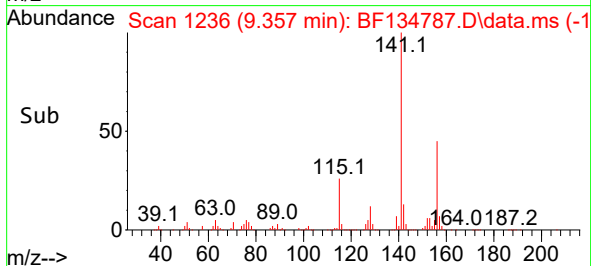
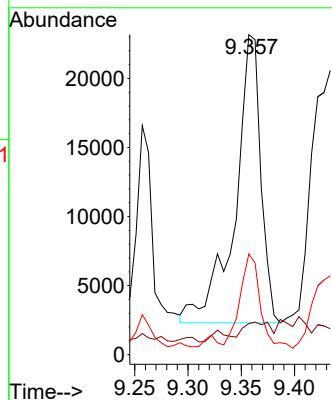
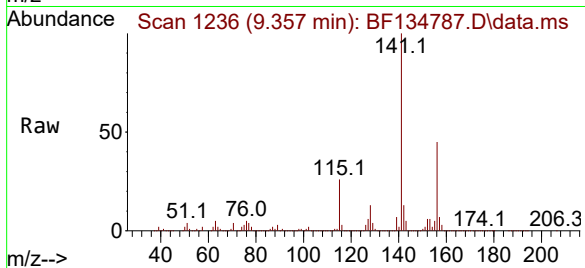
Tgt Ion: 65 Resp: 35205

Ion Ratio Lower Upper

65 100

92 9.7 50.7 76.1#

138 31.4 78.2 117.4#



#49

Acenaphthylene

Concen: 22.469 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

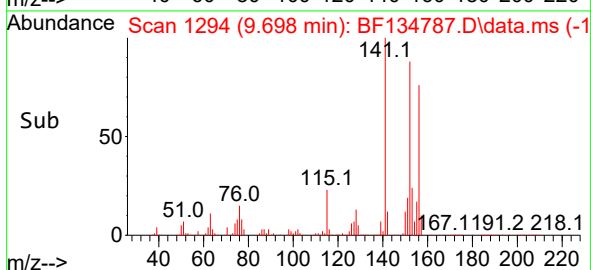
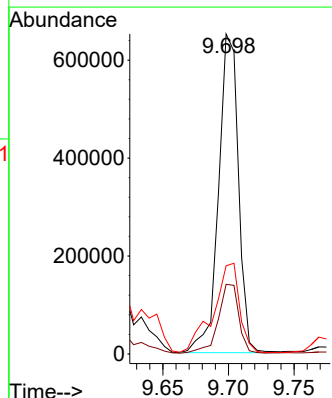
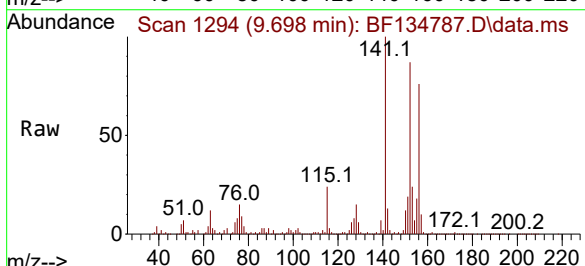
Tgt Ion: 152 Resp: 686647

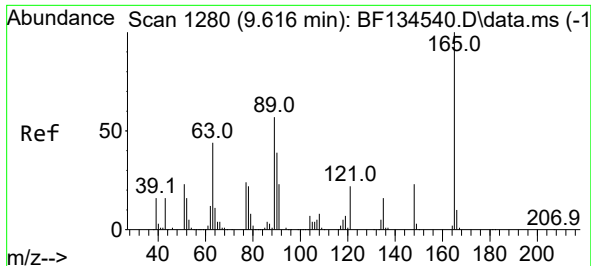
Ion Ratio Lower Upper

152 100

151 21.7 16.4 24.6

153 27.6 10.9 16.3#

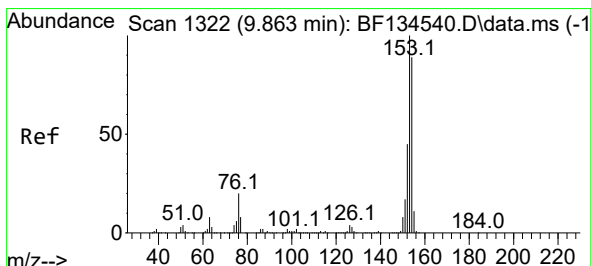
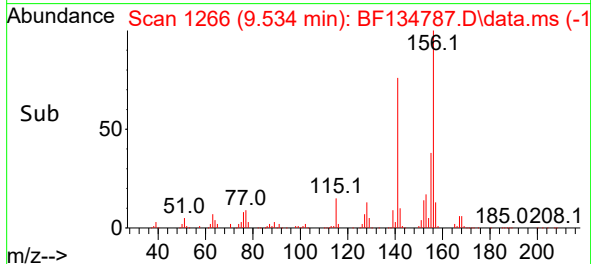
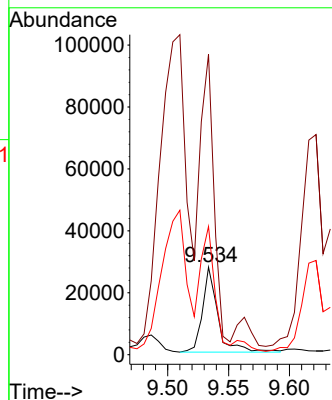
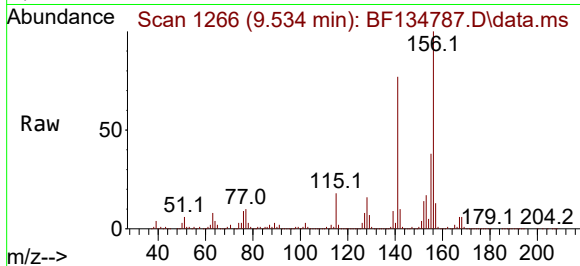




#51
2,6-Dinitrotoluene
Concen: 7.364 ng
RT: 9.534 min Scan# 11
Delta R.T. -0.094 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

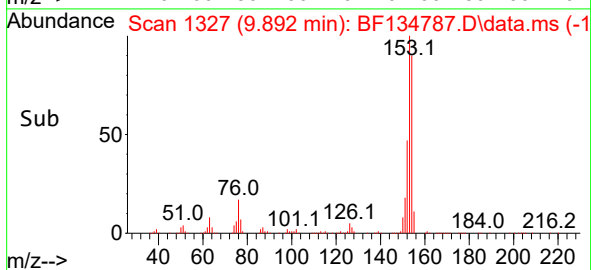
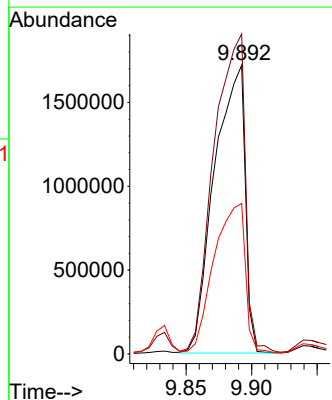
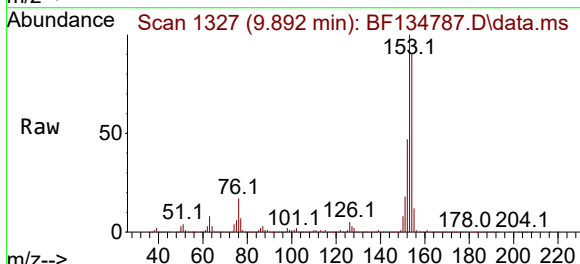
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

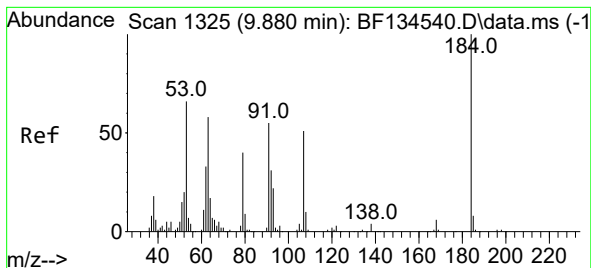
Tgt Ion:165 Resp: 23931
Ion Ratio Lower Upper
165 100
63 343.1 57.8 86.6#
89 146.5 51.8 77.8#



#52
Acenaphthene
Concen: 139.840 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.018 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:154 Resp: 2769467
Ion Ratio Lower Upper
154 100
153 110.9 90.0 135.0
152 52.2 42.4 63.6





#54

2,4-Dinitrophenol

Concen: 8.009 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

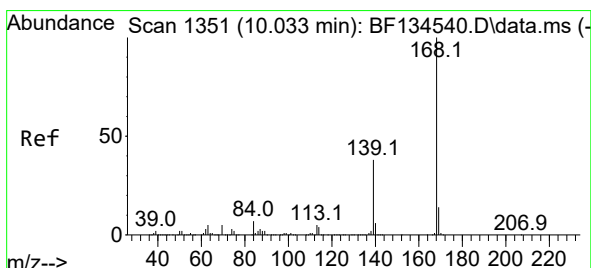
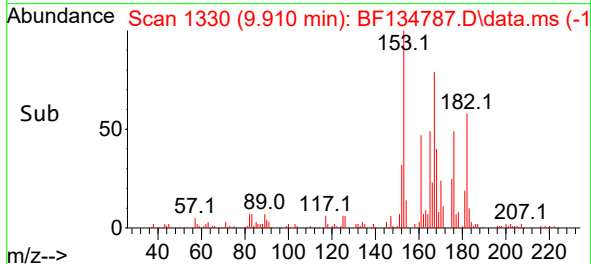
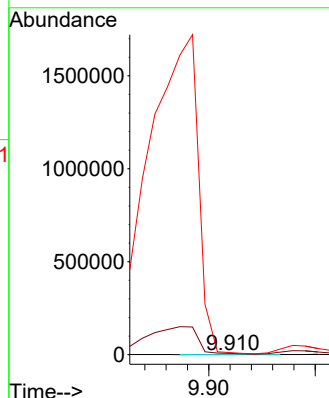
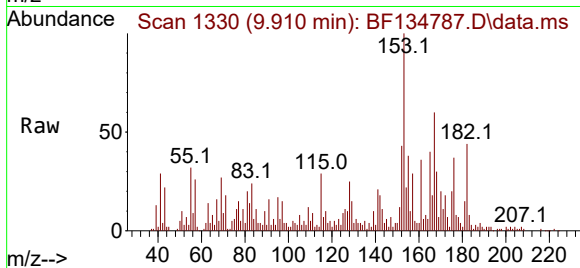
Tgt Ion:184 Resp: 1709

Ion Ratio Lower Upper

184 100

63 487.2 57.1 85.7#

154 753.0 59.1 88.7#



#55

Dibenzofuran

Concen: 14.494 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

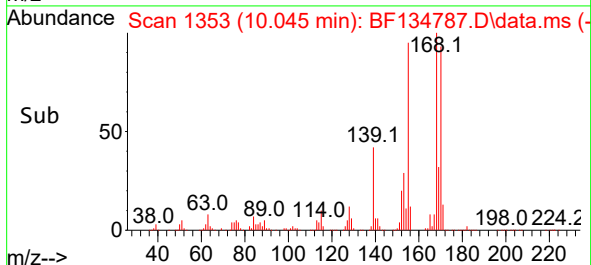
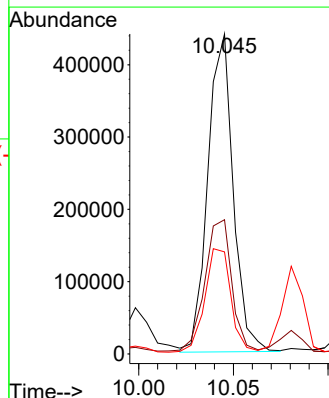
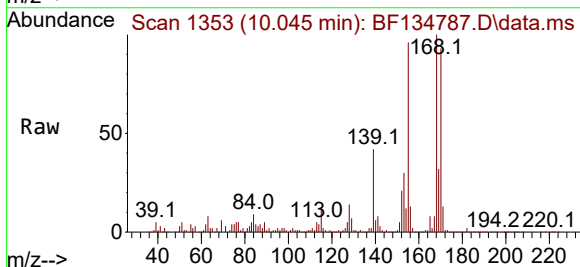
Tgt Ion:168 Resp: 408632

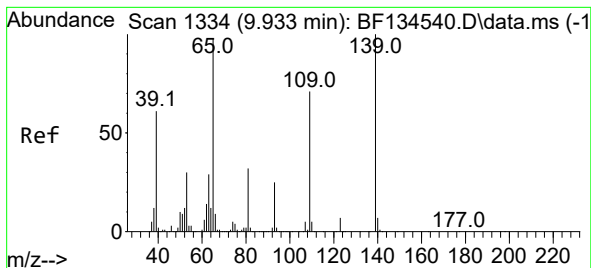
Ion Ratio Lower Upper

168 100

139 42.0 33.4 50.2

169 31.9 10.6 15.8#





#56

4-Nitrophenol

Concen: 10.179 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

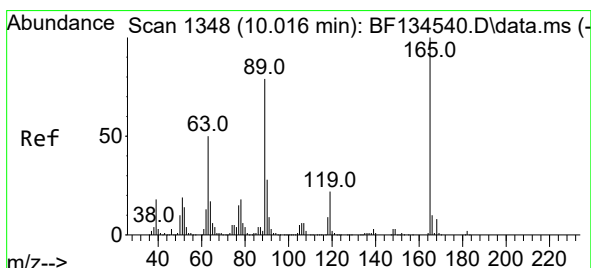
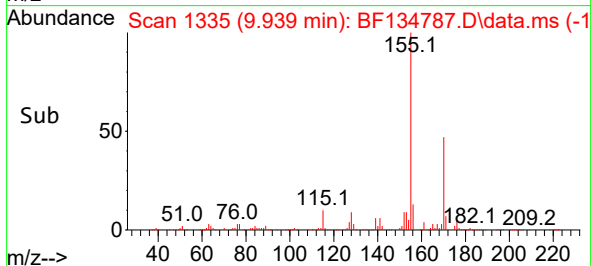
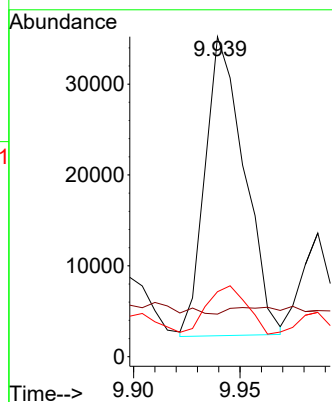
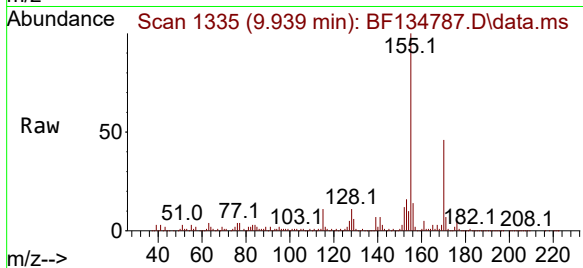
Tgt Ion:139 Resp: 42200

Ion Ratio Lower Upper

139 100

109 13.3 76.9 116.9#

65 20.3 98.5 138.5#



#57

2,4-Dinitrotoluene

Concen: 10.544 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Tgt Ion:165 Resp: 46032

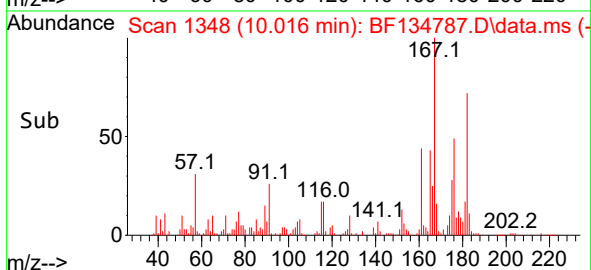
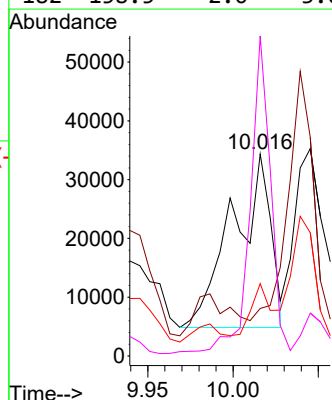
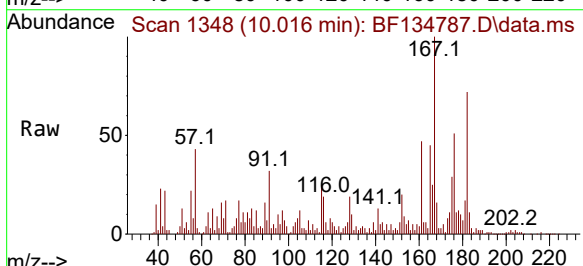
Ion Ratio Lower Upper

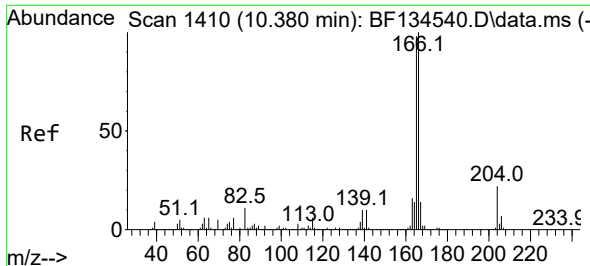
165 100

63 23.6 48.9 73.3#

89 35.8 61.7 92.5#

182 158.5 2.0 3.0#

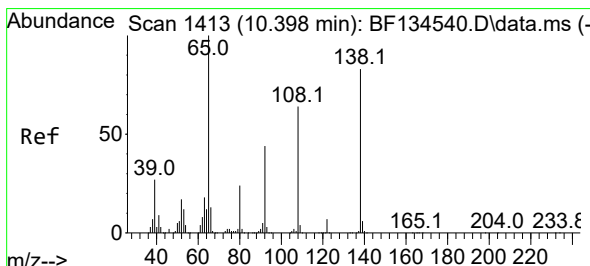
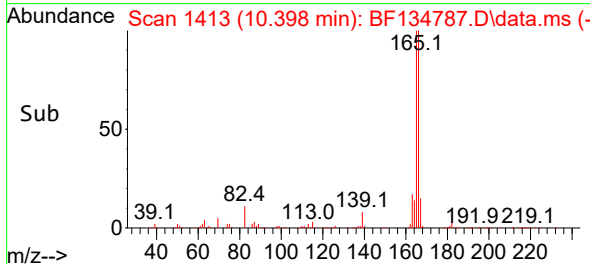
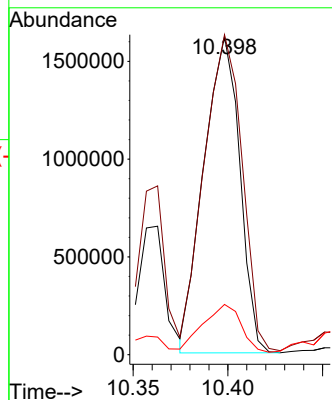
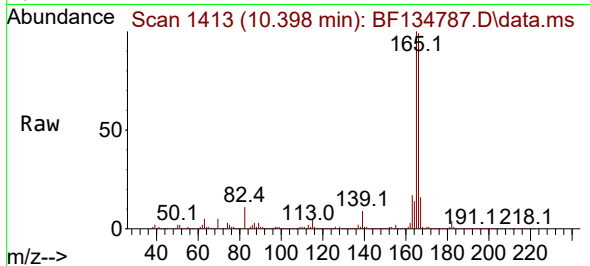




#58
Fluorene
Concen: 104.177 ng
RT: 10.398 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

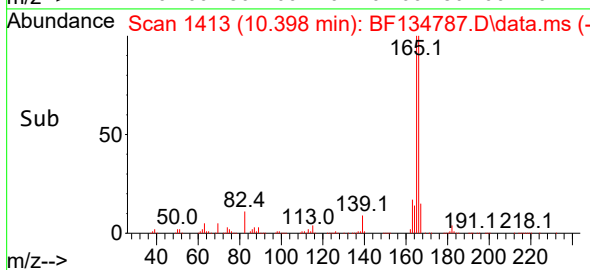
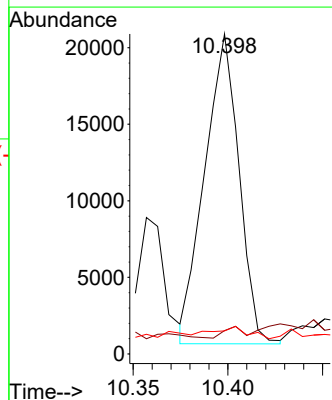
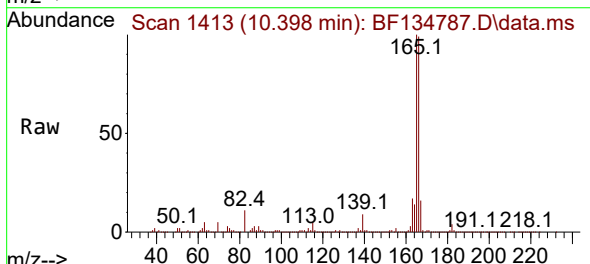
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

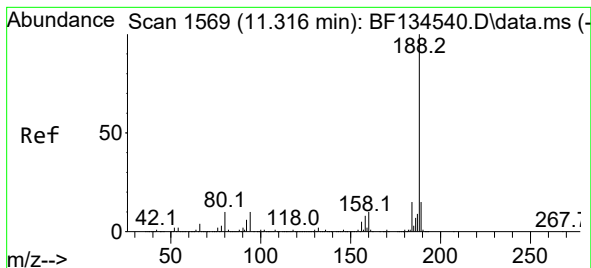
Tgt Ion:166 Resp: 2139295
Ion Ratio Lower Upper
166 100
165 100.6 74.5 111.7
167 15.8 10.6 16.0



#62
4-Nitroaniline
Concen: 5.112 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:138 Resp: 25398
Ion Ratio Lower Upper
138 100
92 7.3 27.0 67.0#
108 7.2 70.4 110.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

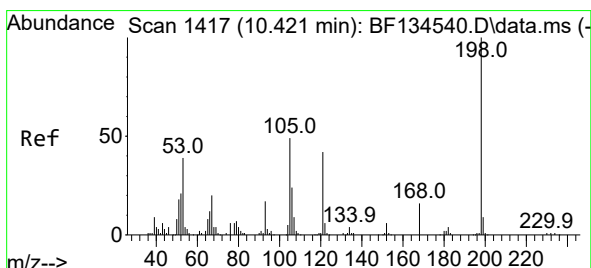
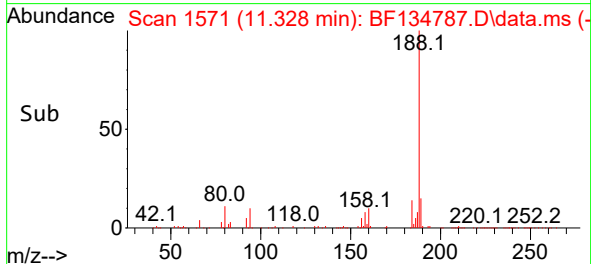
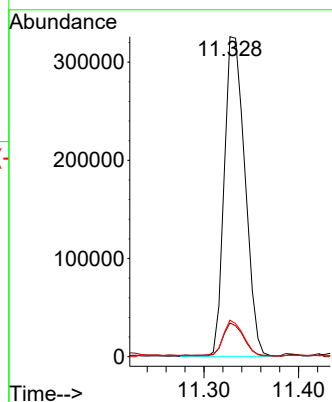
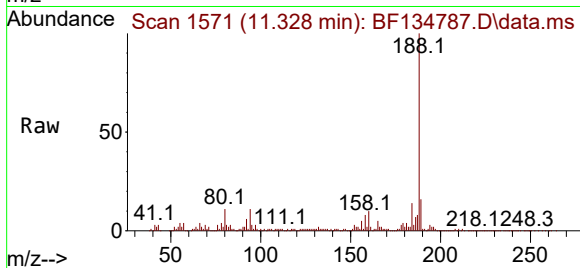
Tgt Ion:188 Resp: 493045

Ion Ratio Lower Upper

188 100

94 10.5 5.1 7.7#

80 11.4 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 9.075 ng

RT: 10.445 min Scan# 1421

Delta R.T. 0.006 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

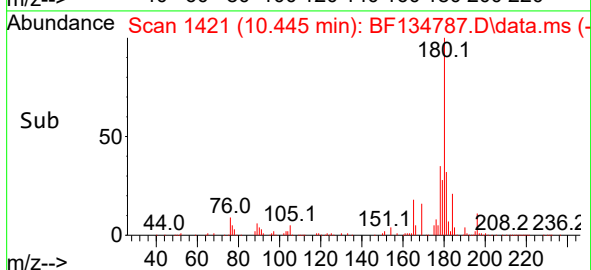
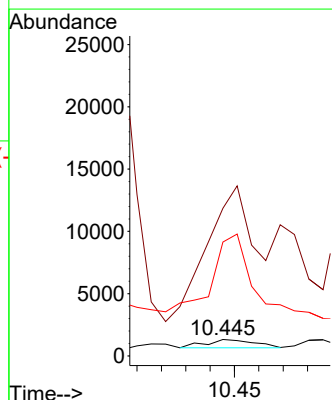
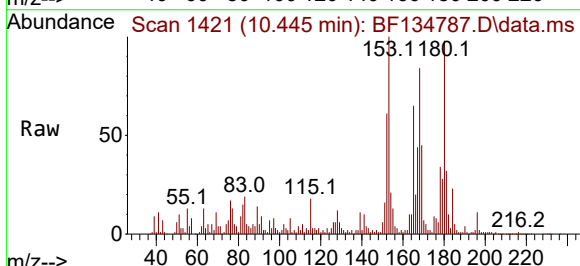
Tgt Ion:198 Resp: 915

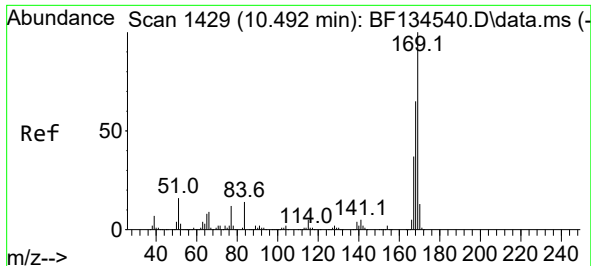
Ion Ratio Lower Upper

198 100

51 898.9 38.6 78.6#

105 693.1 27.9 67.9#

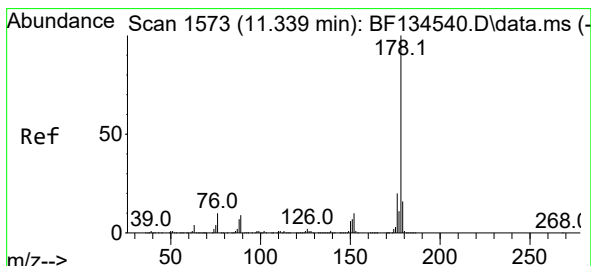
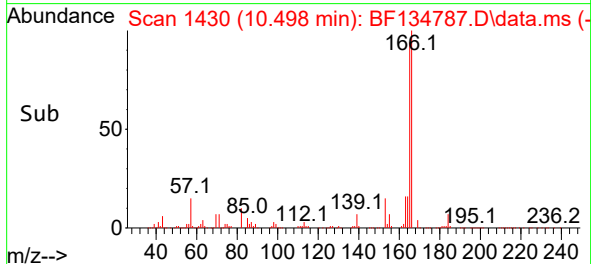
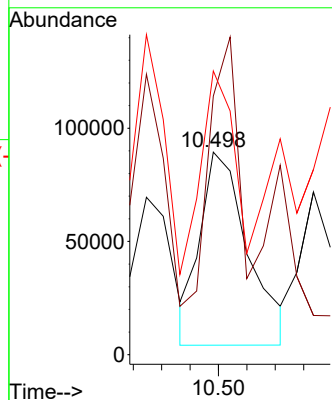
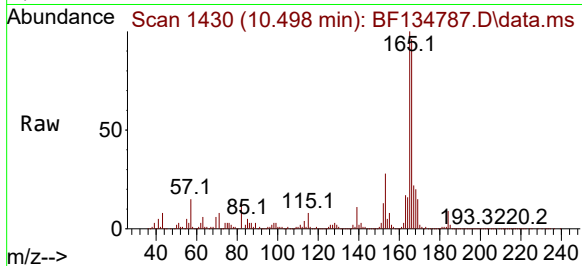




#66
n-Nitrosodiphenylamine
Concen: 6.369 ng
RT: 10.498 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

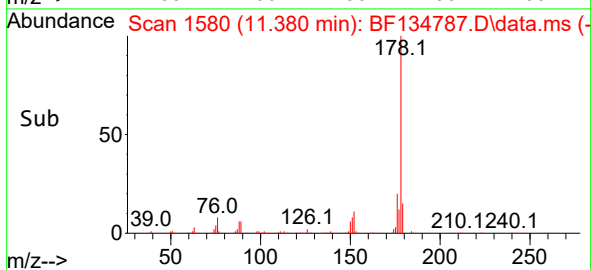
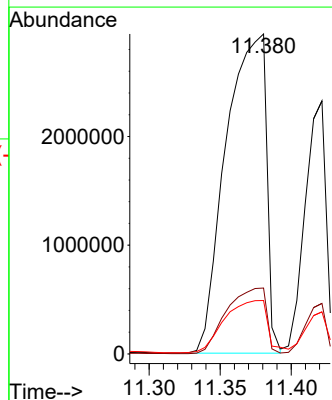
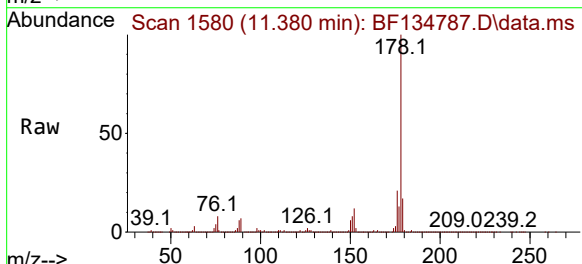
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

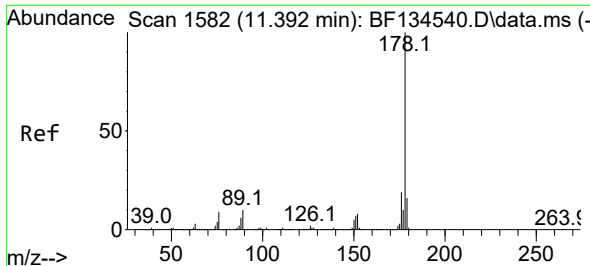
Tgt Ion:169 Resp: 99957
Ion Ratio Lower Upper
169 100
168 127.7 52.6 78.8#
167 140.1 29.8 44.8#



#71
Phenanthrene
Concen: 220.623 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.030 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:178 Resp: 5777793
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.7 12.7 19.1

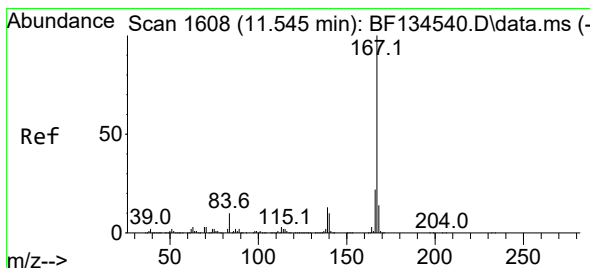
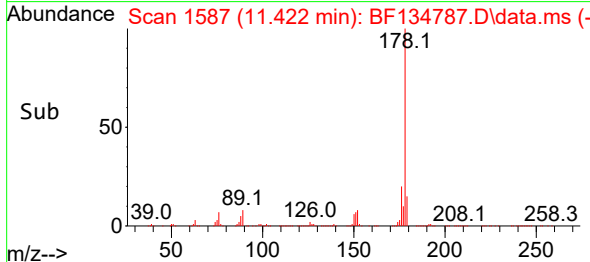
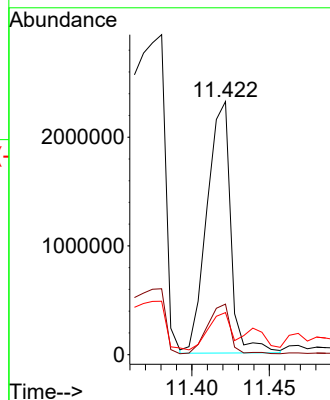
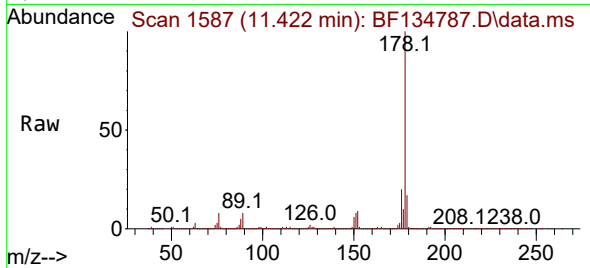




#72
 Anthracene
 Concen: 92.669 ng
 RT: 11.422 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF134787.D
 Acq: 15 Aug 2023 16:38

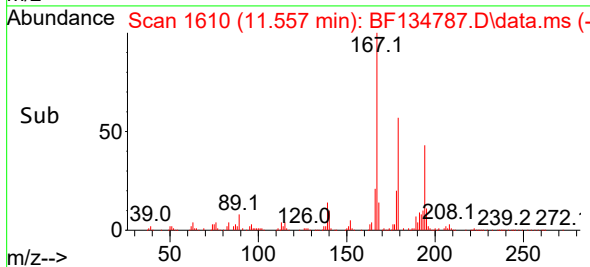
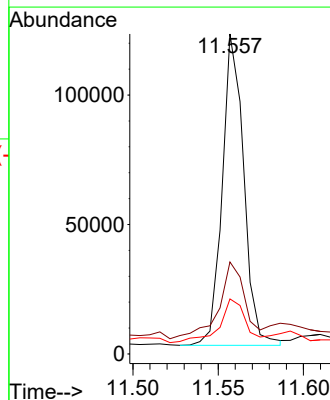
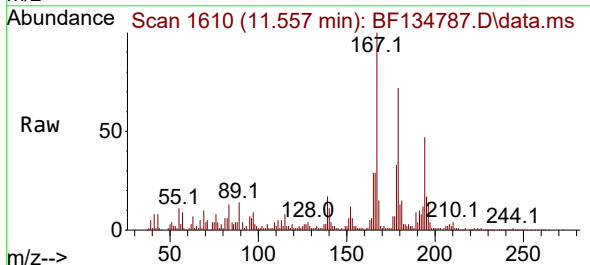
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB06-Z84-85

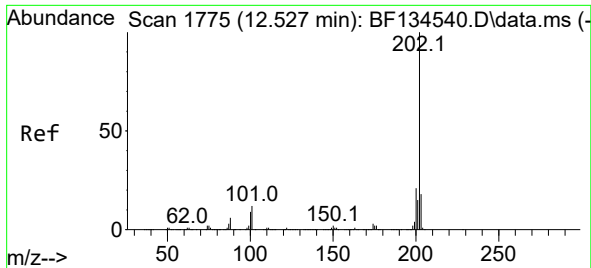
Tgt Ion:178 Resp: 2478931
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.6 21.8
 179 16.6 12.3 18.5



#73
 Carbazole
 Concen: 4.419 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF134787.D
 Acq: 15 Aug 2023 16:38

Tgt Ion:167 Resp: 105542
 Ion Ratio Lower Upper
 167 100
 166 28.8 17.5 26.3#
 139 17.2 11.0 16.4#

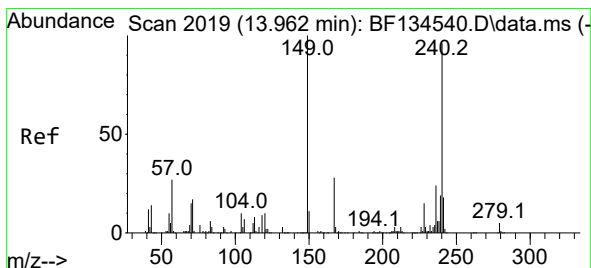
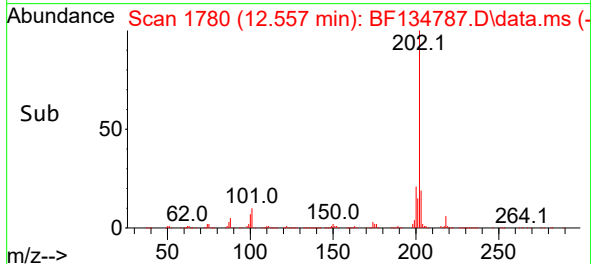
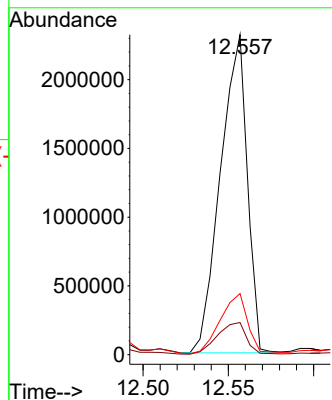
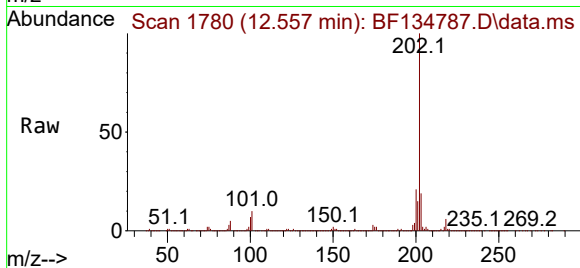




#75
Fluoranthene
Concen: 91.447 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

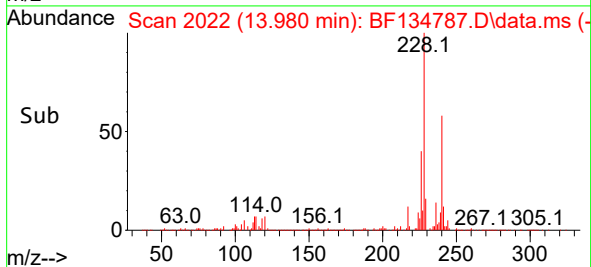
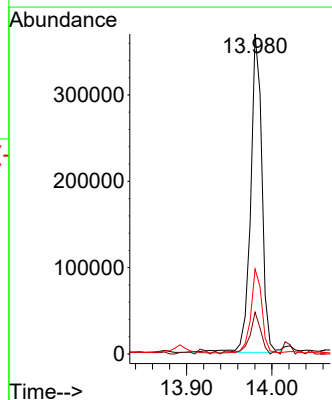
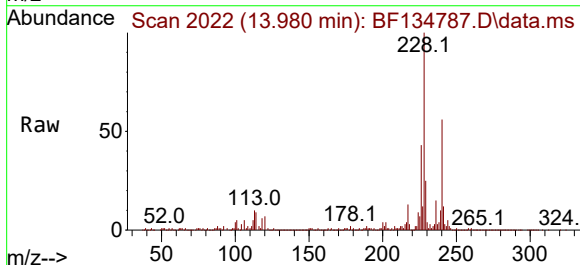
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

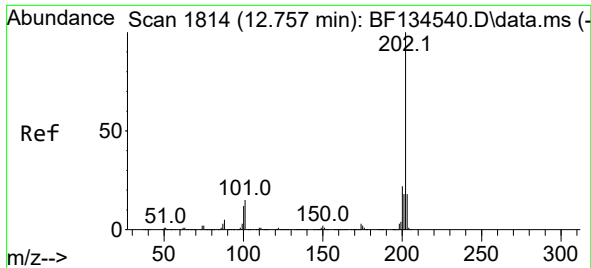
Tgt Ion:202 Resp: 2529729
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.5
203 19.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:240 Resp: 341568
Ion Ratio Lower Upper
240 100
120 13.1 6.6 10.0#
236 26.5 20.2 30.2

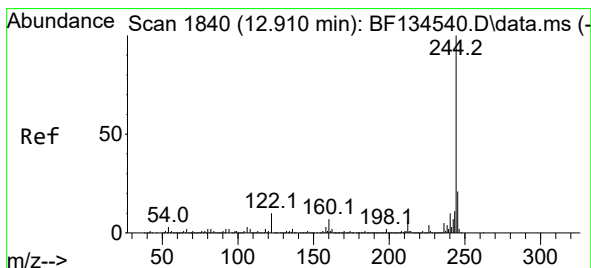
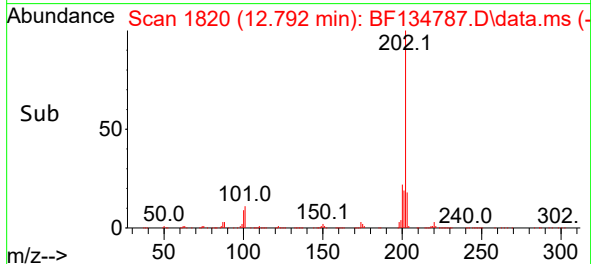
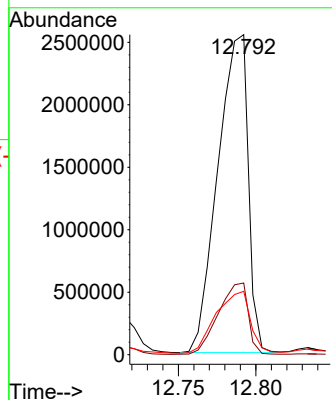
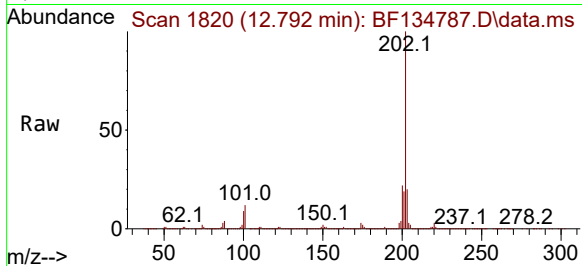




#78
 Pyrene
 Concen: 117.291 ng
 RT: 12.792 min Scan# 1820
 Delta R.T. 0.024 min
 Lab File: BF134787.D
 Acq: 15 Aug 2023 16:38

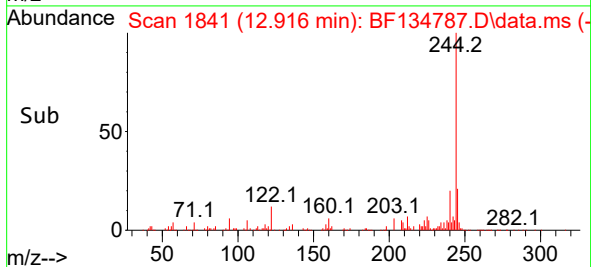
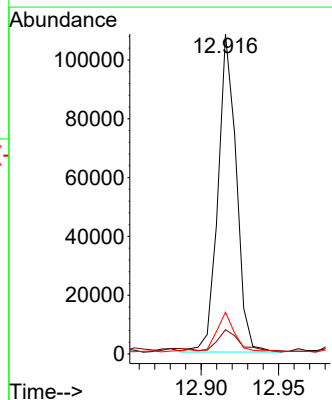
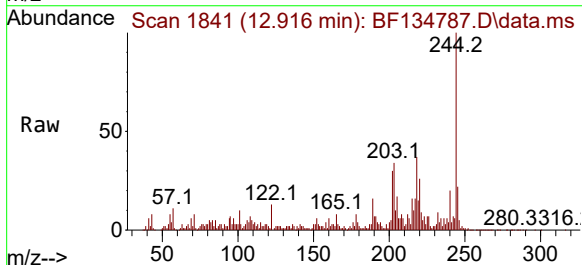
Instrument :
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 ClientSampleId :
 NEVINS-SB06-Z84-85

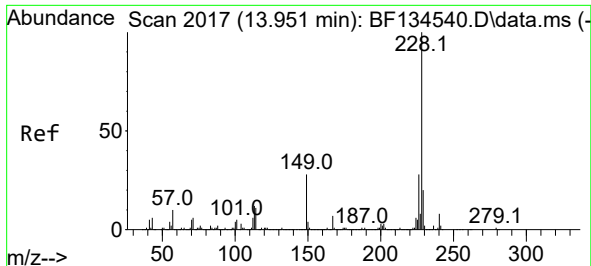
Tgt Ion:202 Resp: 3466697
 Ion Ratio Lower Upper
 202 100
 200 22.4 15.8 23.8
 203 19.8 13.5 20.3



#79
 Terphenyl-d14
 Concen: 4.597 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134787.D
 Acq: 15 Aug 2023 16:38

Tgt Ion:244 Resp: 89069
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.6 8.4
 122 13.1 8.0 12.0#

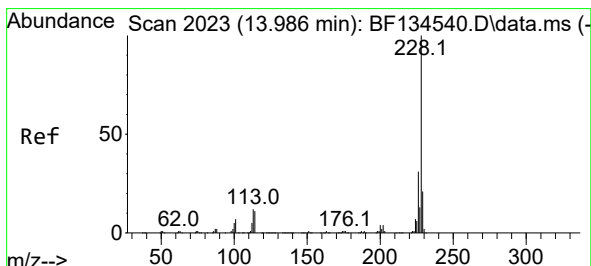
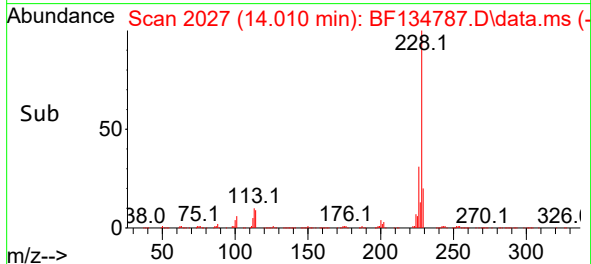
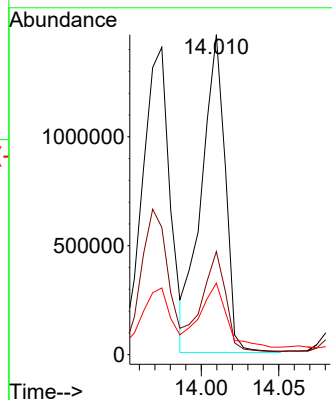
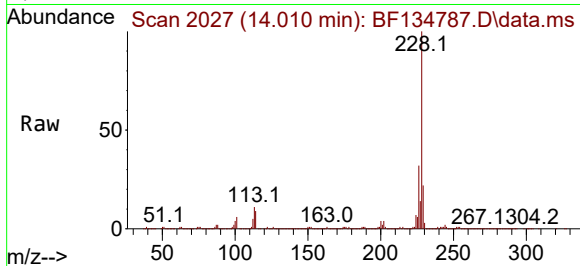




#81
Benzo(a)anthracene
Concen: 64.025 ng
RT: 14.010 min Scan# 2017
Delta R.T. 0.047 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

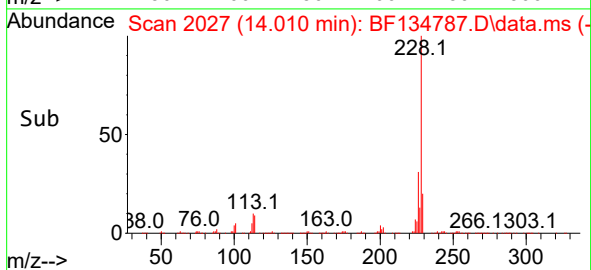
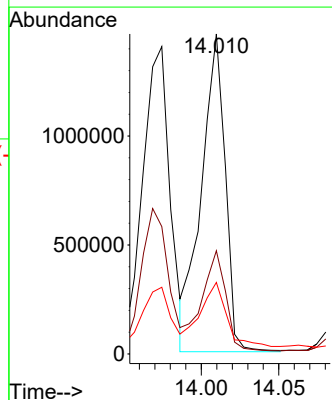
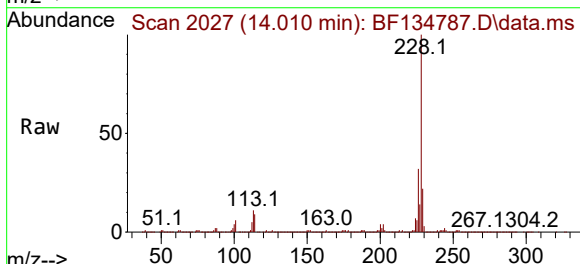
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

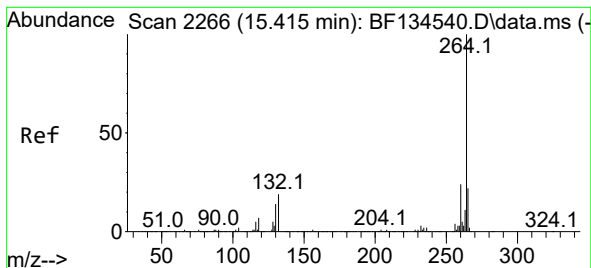
Tgt Ion:228 Resp: 1563727
Ion Ratio Lower Upper
228 100
226 32.2 22.3 33.5
229 22.4 15.8 23.6



#83
Chrysene
Concen: 65.716 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:228 Resp: 1563727
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 22.4 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85

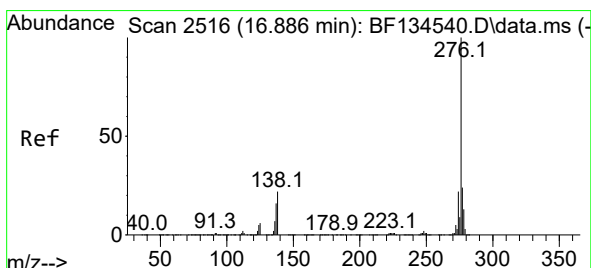
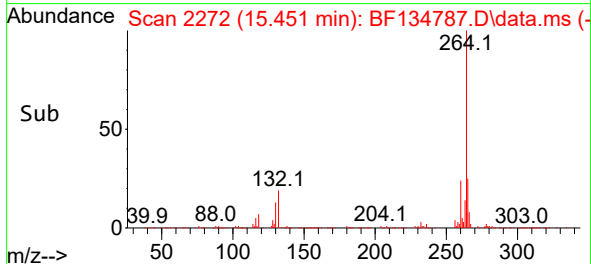
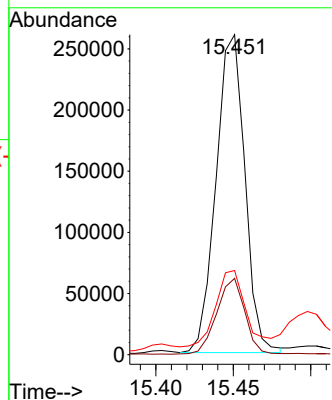
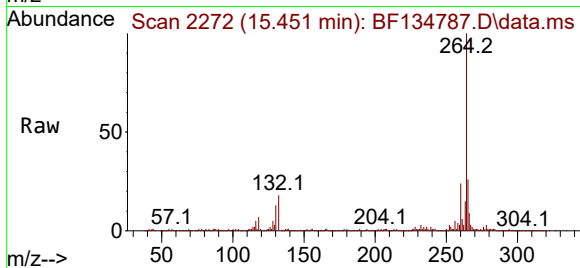
Tgt Ion:264 Resp: 336765

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 26.3 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 13.867 ng

RT: 16.933 min Scan# 2524

Delta R.T. 0.006 min

Lab File: BF134787.D

Acq: 15 Aug 2023 16:38

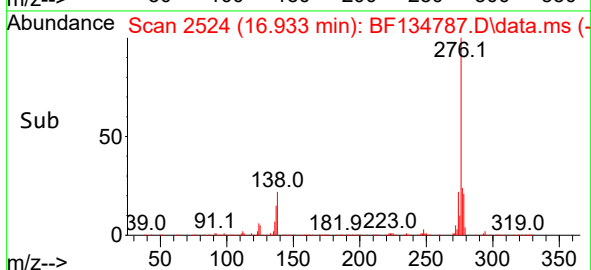
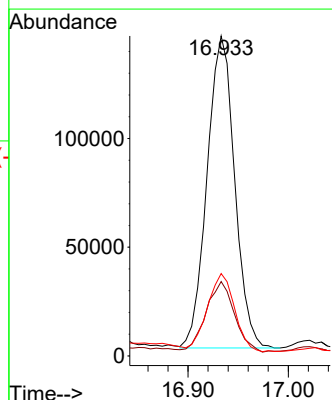
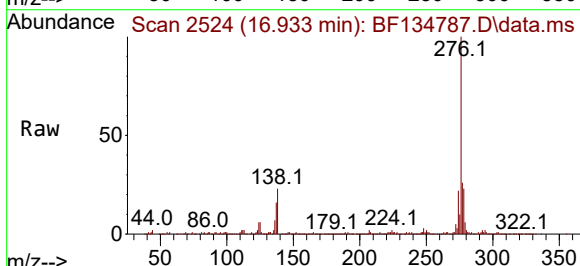
Tgt Ion:276 Resp: 274648

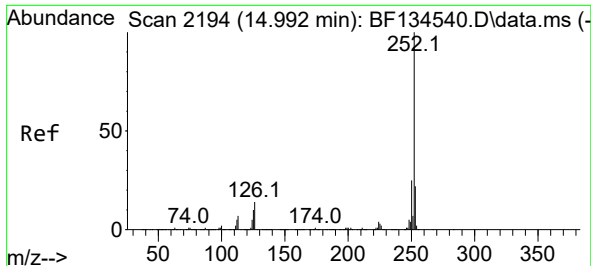
Ion Ratio Lower Upper

276 100

138 22.6 14.2 21.4#

277 24.6 19.9 29.9

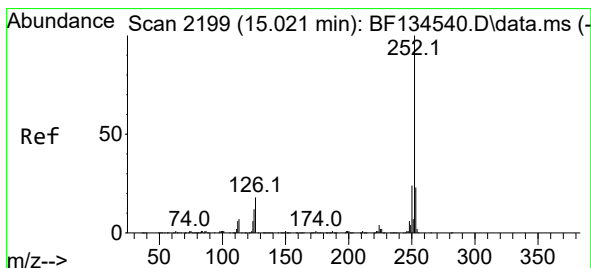
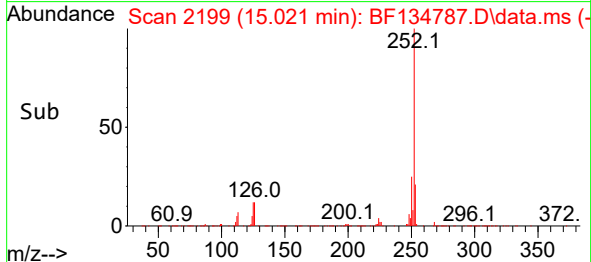
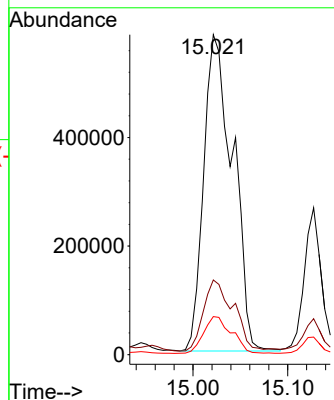
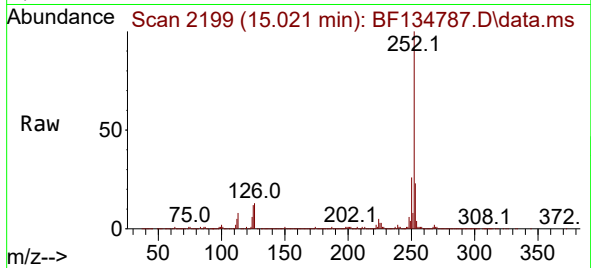




#88
Benzo(b)fluoranthene
Concen: 60.734 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

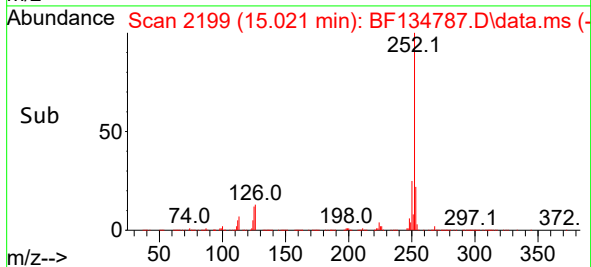
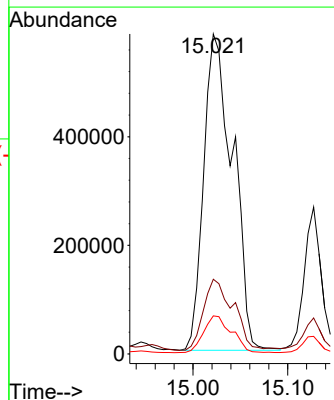
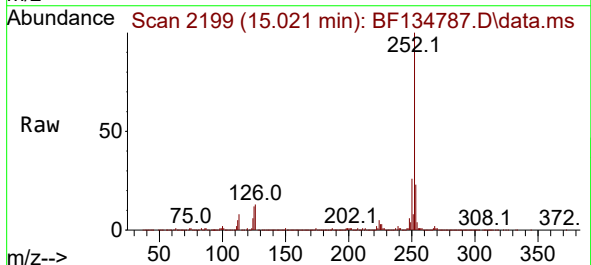
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

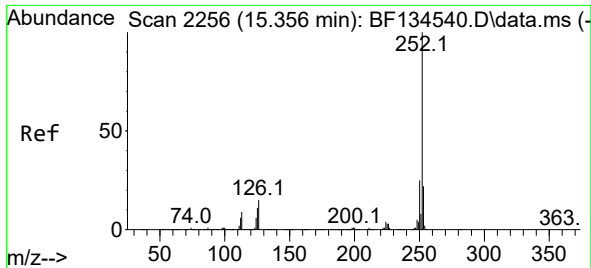
Tgt Ion:252 Resp: 1247409
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 11.9 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 60.968 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.018 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:252 Resp: 1247409
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 11.9 6.3 9.5#

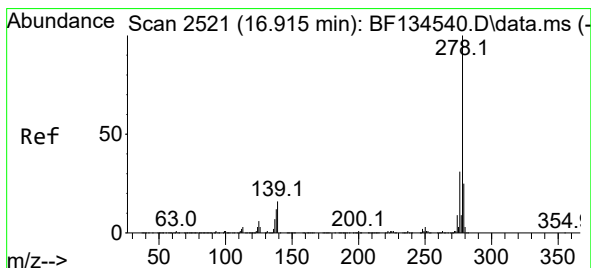
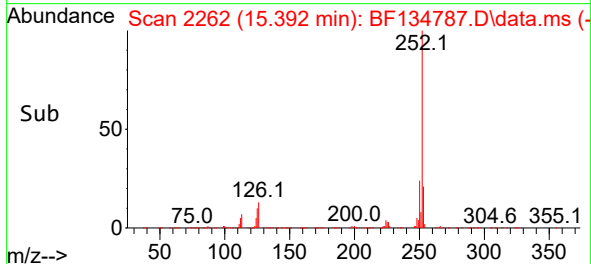
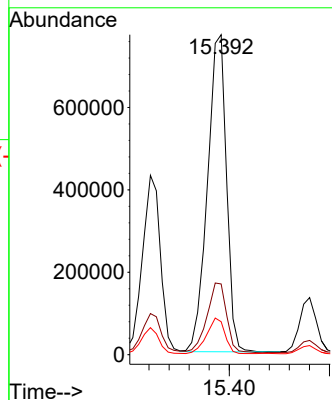
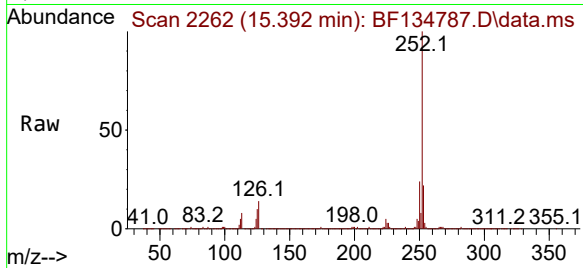




#90
Benzo(a)pyrene
Concen: 53.059 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

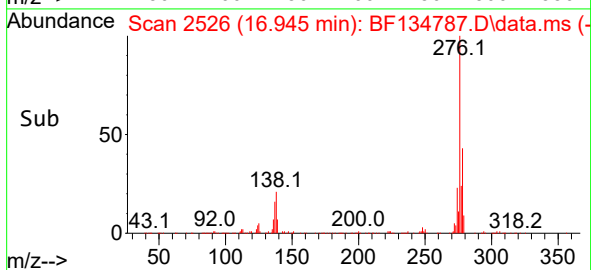
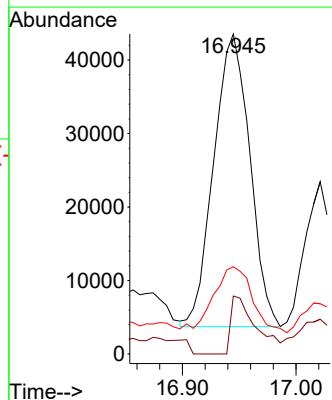
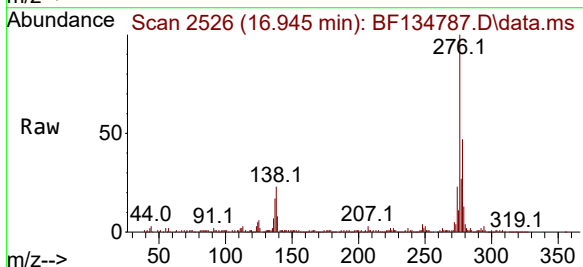
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

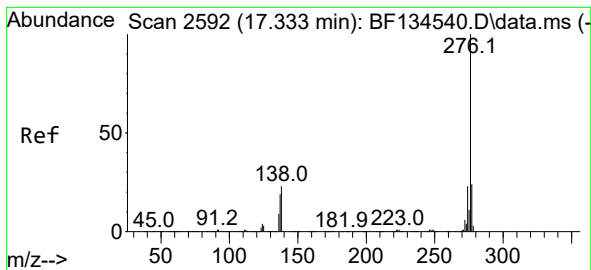
Tgt Ion:252 Resp: 1016094
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 10.3 6.2 9.4#



#91
Dibenzo(a,h)anthracene
Concen: 5.486 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF134787.D
Acq: 15 Aug 2023 16:38

Tgt Ion:278 Resp: 87807
Ion Ratio Lower Upper
278 100
139 18.1 10.0 15.0#
279 27.3 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 17.873 ng

RT: 17.386 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134787.D

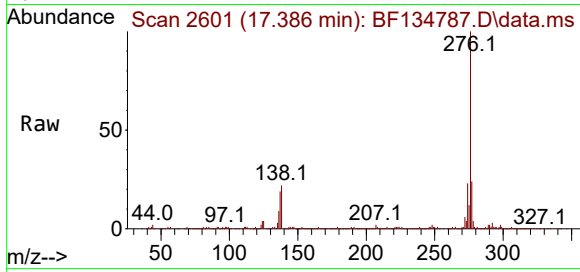
Acq: 15 Aug 2023 16:38

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB06-Z84-85



Tgt Ion:276 Resp: 291825

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 22.4 12.2 18.2#

