

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134742.D
 Acq On : 11 Aug 2023 20:18
 Operator : CG\JU
 Sample : 03958-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z46-47

Quant Time: Aug 11 22:24:39 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	197188	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	742623	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	363479	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	544680	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	341588	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	302209	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	804380	62.009	ng	0.00
7) Phenol-d6	6.434	99	993760	59.929	ng	0.00
23) Nitrobenzene-d5	7.363	82	601453	50.613	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	214437	57.873	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1088044	49.771	ng	0.00
79) Terphenyl-d14	12.921	244	916254	47.286	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.357	77	8580	Below Cal	#	1
18) Hexachloroethane	7.334	117	39619	8.319	ng	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	79839	8.042	ng	# 71
25) Isophorone	7.363	82	565785	21.829	ng	# 65
26) 2-Nitrophenol	7.698	139	947	4.948	ng	# 1
31) Naphthalene	8.116	128	5222609	139.931	ng	96
32) Benzoic acid	7.857	122	1261	8.007	ng	# 1
33) 4-Chloroaniline	8.116	127	741479	44.587	ng	# 34
37) 2-Methylnaphthalene	8.798	142	1479721	59.813	ng	99
38) 1-Methylnaphthalene	8.904	142	2115298	91.951	ng	97
46) 1,1'-Biphenyl	9.257	154	738554	26.129	ng	98
48) 2-Nitroaniline	9.351	65	18492	5.782	ng	# 35
49) Acenaphthylene	9.698	152	568233	17.069	ng	# 92
51) 2,6-Dinitrotoluene	9.528	165	15769	5.441	ng	# 2
52) Acenaphthene	9.880	154	1886885	87.460	ng	99
54) 2,4-Dinitrophenol	9.928	184	1362	7.681	ng	# 1
55) Dibenzofuran	10.039	168	186949	6.087	ng	# 81
56) 4-Nitrophenol	9.939	139	22749	5.037	ng	# 20
57) 2,4-Dinitrotoluene	10.145	165	65196	12.853	ng	# 43
58) Fluorene	10.392	166	1089291	48.694	ng	94
65) 4,6-Dinitro-2-methylph...	10.451	198	593	8.919	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	61997	3.576	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	13967	2.342	ng	# 1
71) Phenanthrene	11.369	178	3992030	137.984	ng	99
72) Anthracene	11.410	178	1613398	54.596	ng	98
75) Fluoranthene	12.551	202	2211786	72.374	ng	96
78) Pyrene	12.786	202	2941307	99.509	ng	95
81) Benzo(a)anthracene	14.010	228	1241458	50.827	ng	95
83) Chrysene	14.010	228	1241458	52.170	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	265025	14.911	ng	# 95
88) Benzo(b)fluoranthene	15.027	252	1030062	55.886	ng	# 95
89) Benzo(k)fluoranthene	15.027	252	1030062	56.101	ng	# 96
90) Benzo(a)pyrene	15.392	252	858438	49.952	ng	# 96
91) Dibenzo(a,h)anthracene	16.951	278	79307	5.521	ng	# 95
92) Benzo(g,h,i)perylene	17.392	276	287228	19.603	ng	# 93

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QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

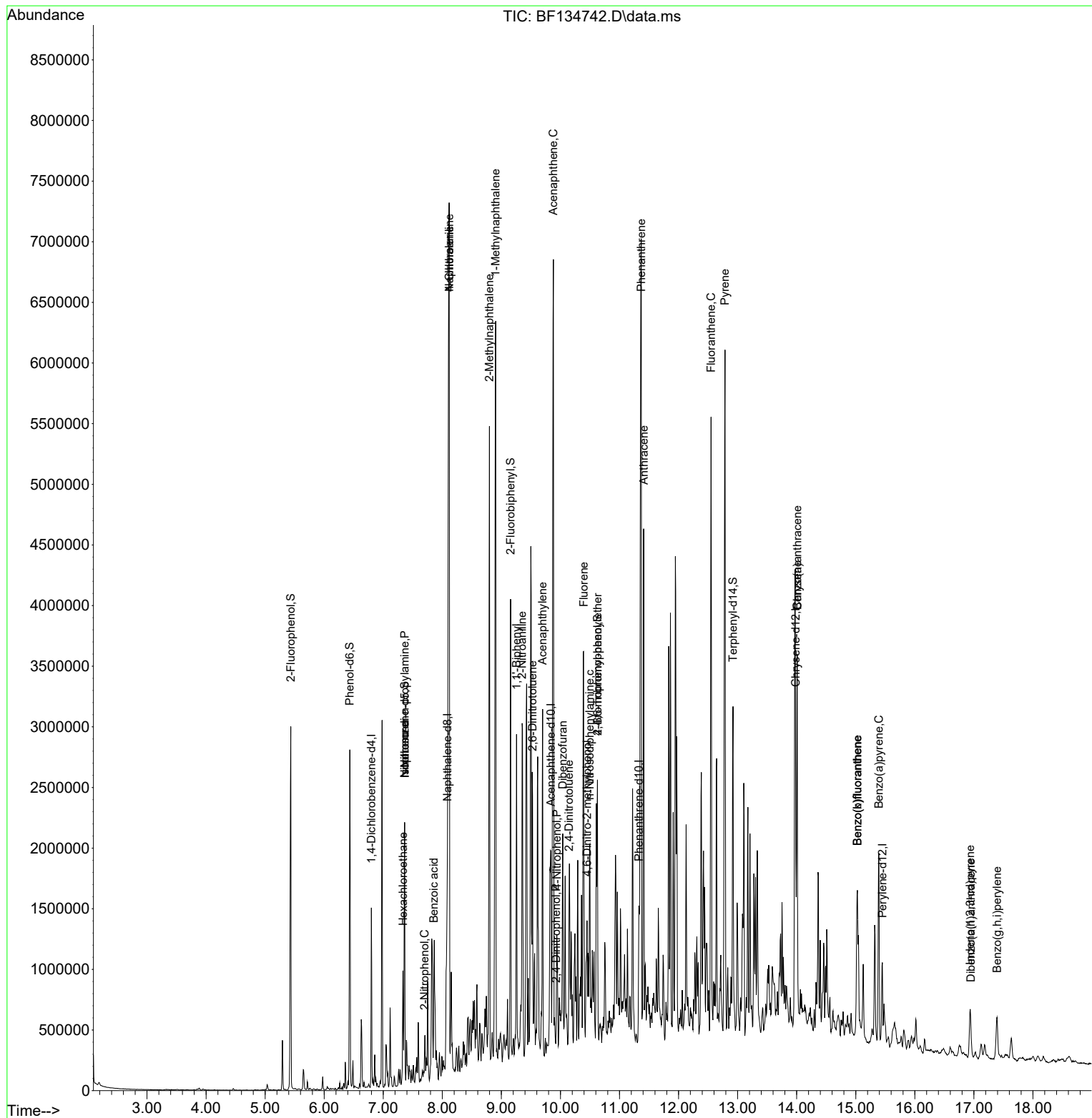
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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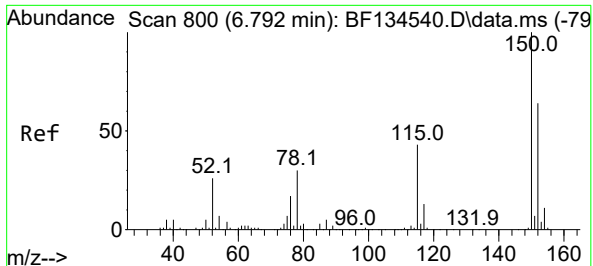
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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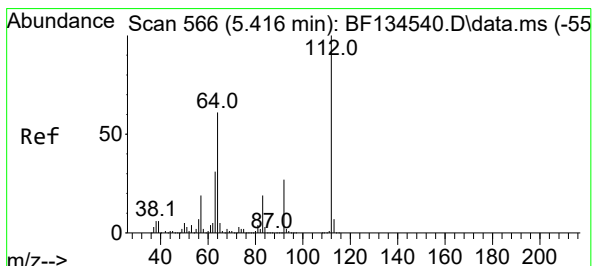
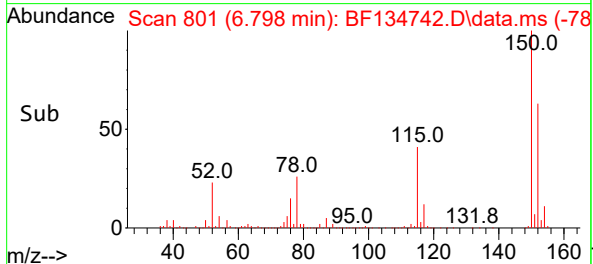
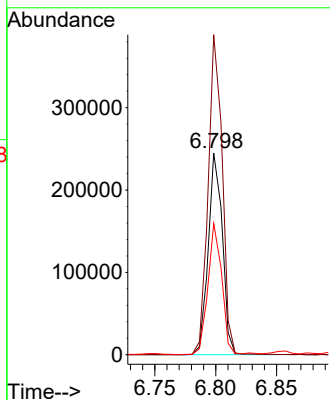
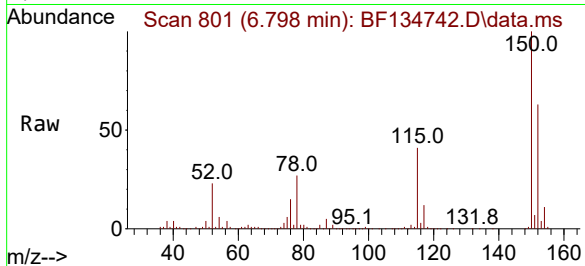




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

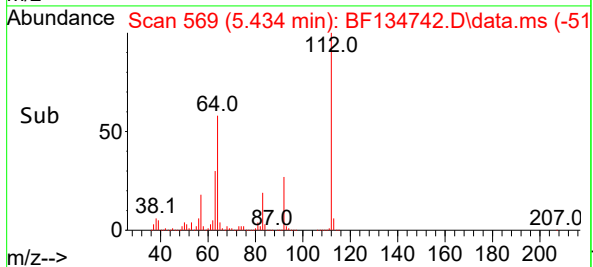
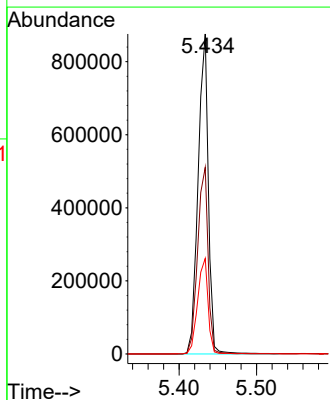
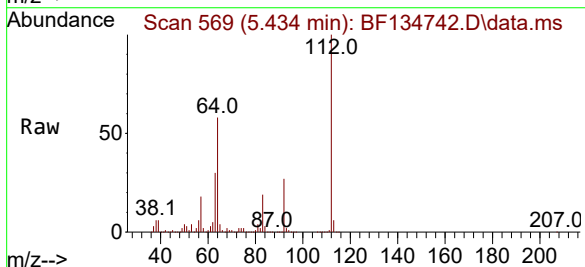
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

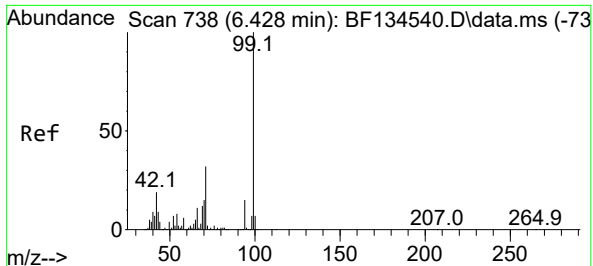
Tgt Ion:152 Resp: 197188
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 65.1 52.4 78.6



#5
2-Fluorophenol
Concen: 62.009 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:112 Resp: 804380
Ion Ratio Lower Upper
112 100
64 58.3 44.9 67.3
63 29.9 25.4 38.0

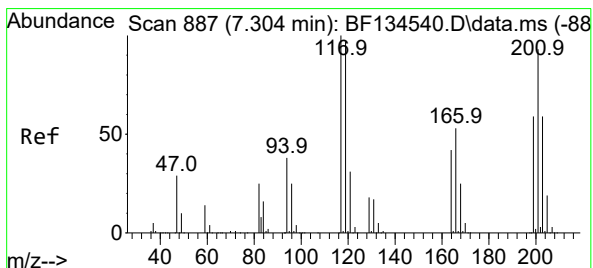
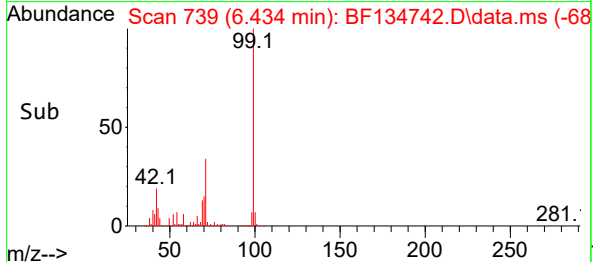
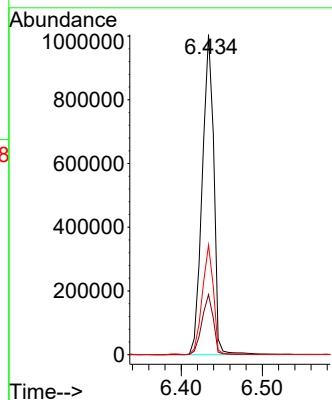
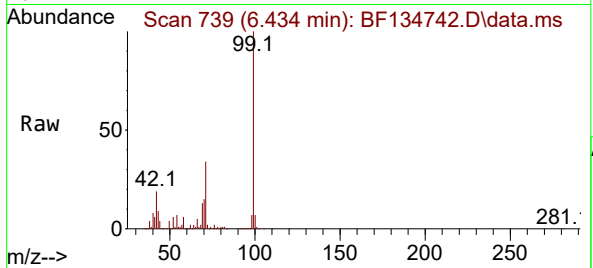




#7
Phenol-d6
Concen: 59.929 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

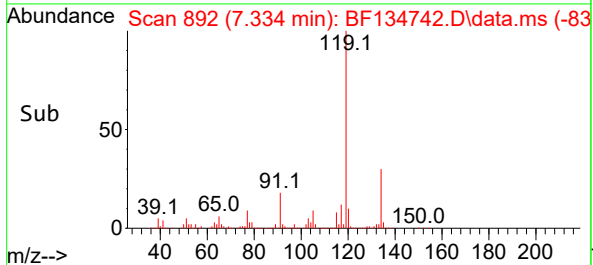
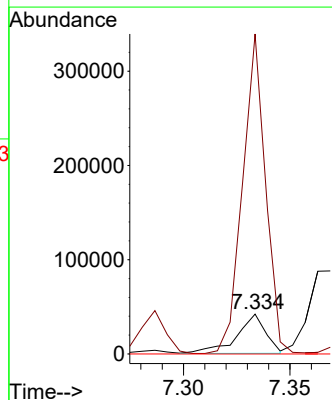
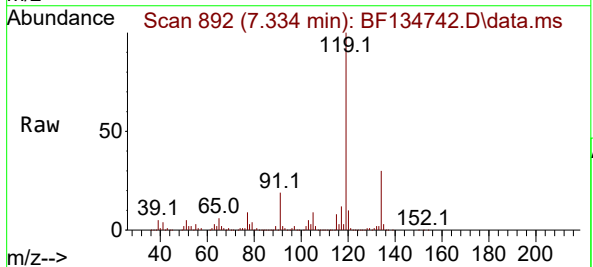
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

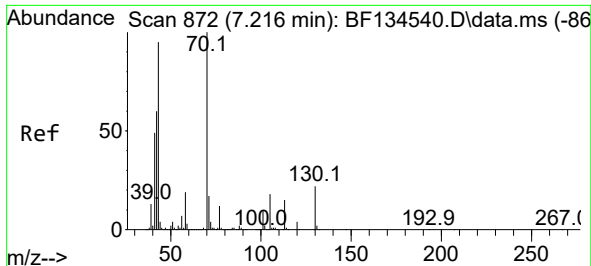
Tgt Ion: 99 Resp: 993760
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 34.3 36.4 54.6#



#18
Hexachloroethane
Concen: 8.319 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.024 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion: 117 Resp: 39619
Ion Ratio Lower Upper
117 100
119 803.9 75.8 113.8#
201 0.0 73.6 110.4#





#19

n-Nitroso-di-n-propylamine

Concen: 8.042 ng

RT: 7.363 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF134742.D

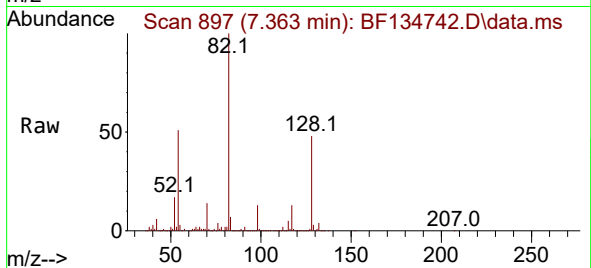
Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47



Tgt Ion: 70 Resp: 79839

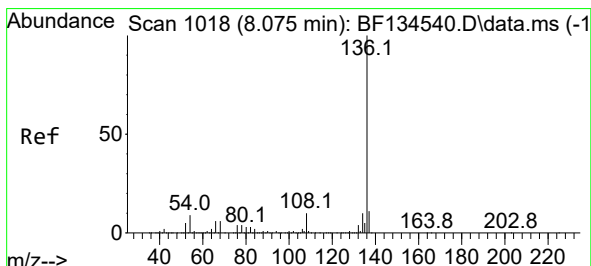
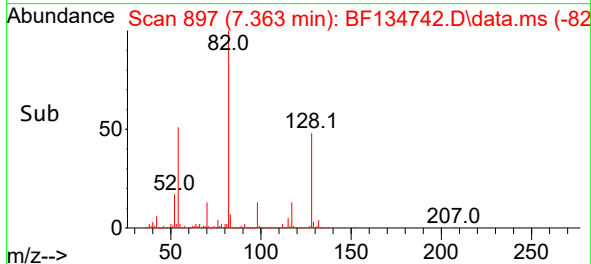
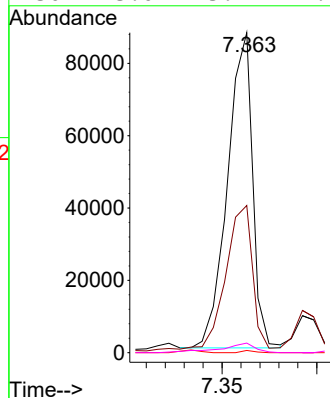
Ion Ratio Lower Upper

70 100

42 46.0 54.7 82.1#

101 0.7 8.2 12.2#

130 3.0 15.1 22.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Tgt Ion: 136 Resp: 742623

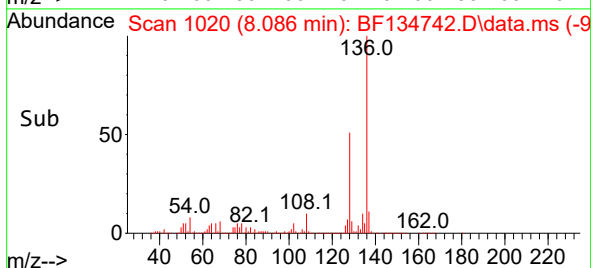
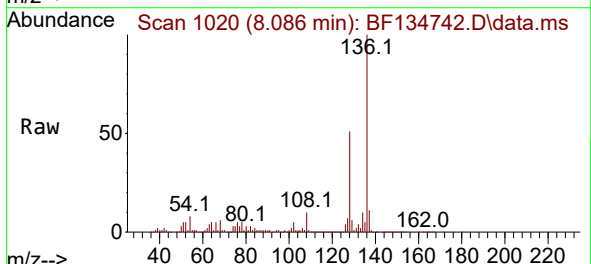
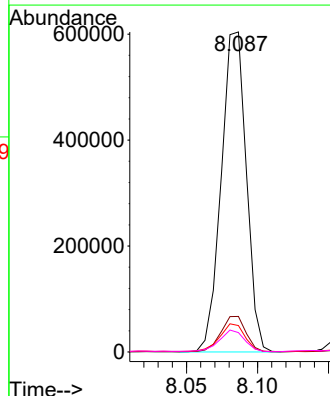
Ion Ratio Lower Upper

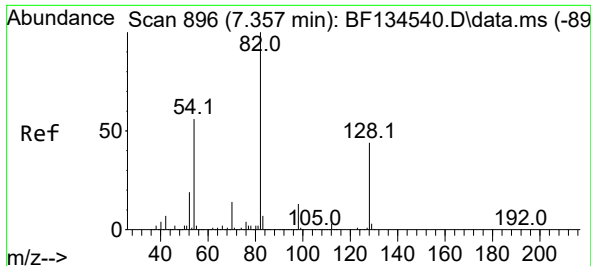
136 100

137 11.1 8.4 12.6

54 8.3 5.2 7.8#

68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 50.613 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

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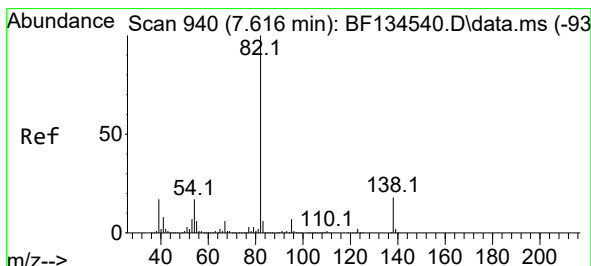
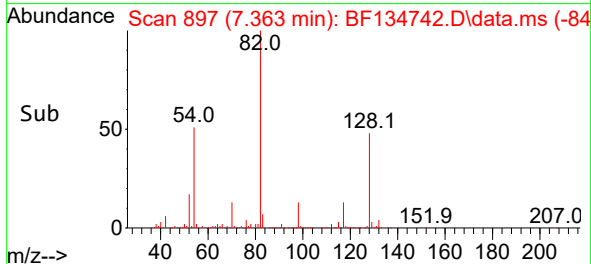
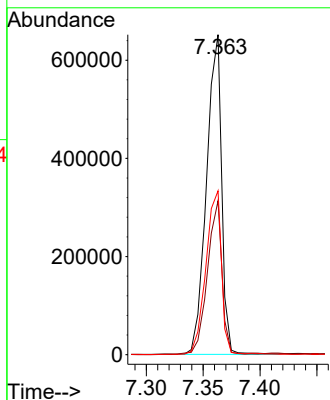
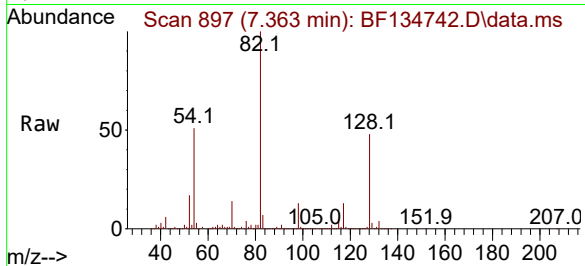
Tgt Ion: 82 Resp: 601453

Ion Ratio Lower Upper

82 100

128 48.1 34.3 51.5

54 51.2 43.8 65.6



#25

Isophorone

Concen: 21.829 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.265 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

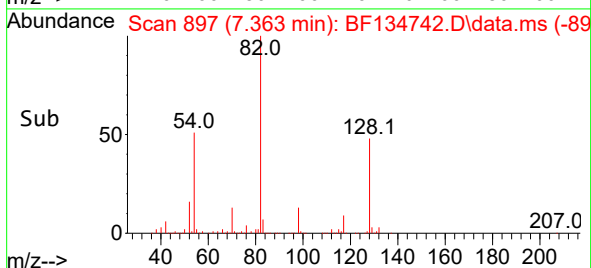
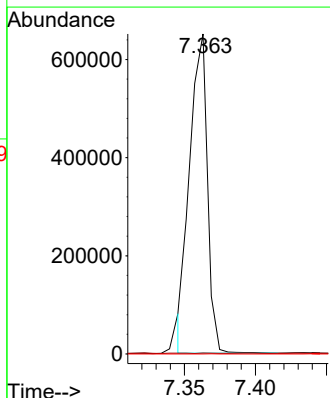
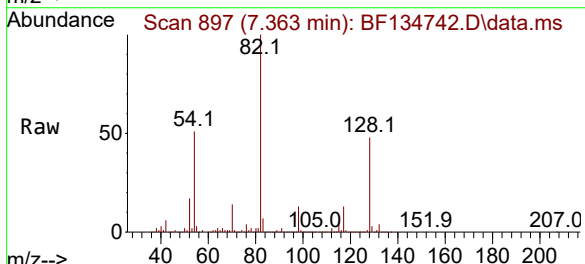
Tgt Ion: 82 Resp: 565785

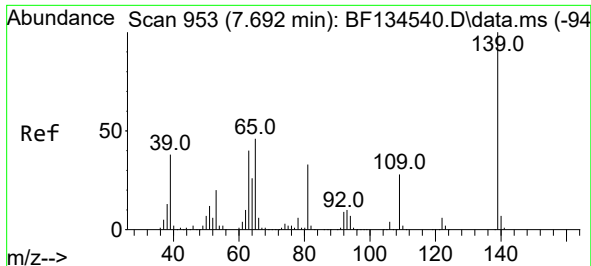
Ion Ratio Lower Upper

82 100

95 0.3 6.0 9.0#

138 0.0 14.6 22.0#

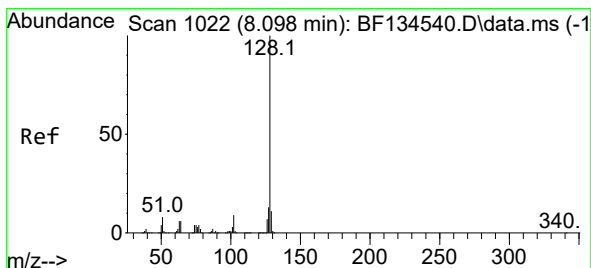
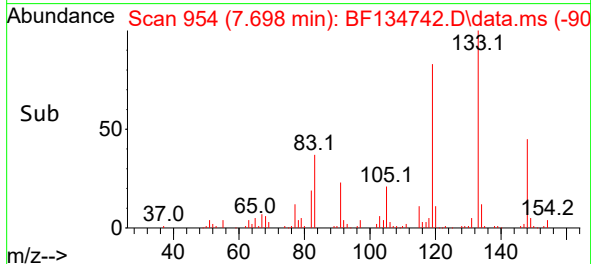
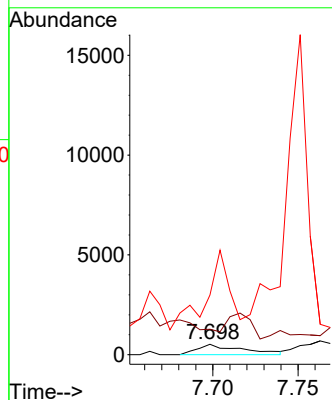
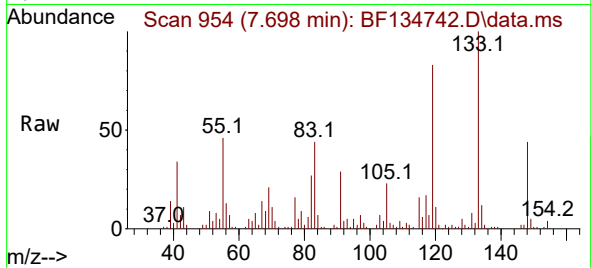




#26
2-Nitrophenol
Concen: 4.948 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

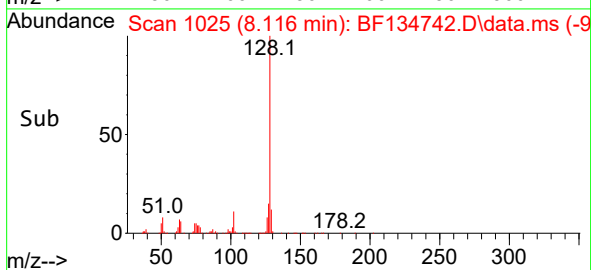
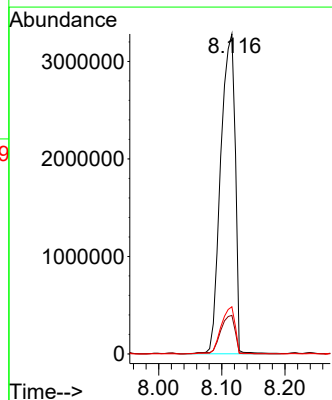
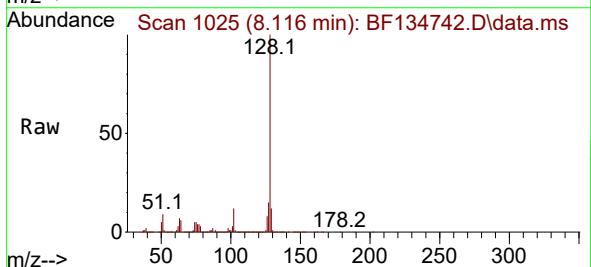
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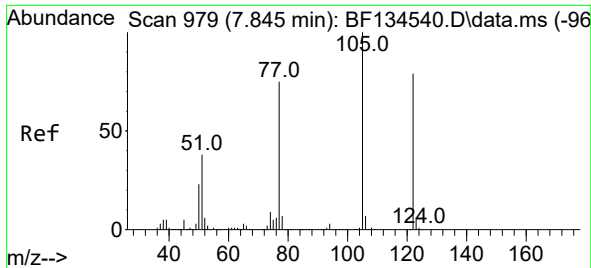
Tgt Ion:139 Resp: 947
Ion Ratio Lower Upper
139 100
109 246.1 29.8 44.6#
65 576.5 45.4 68.2#



#31
Naphthalene
Concen: 139.931 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:128 Resp: 5222609
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 14.8 10.7 16.1

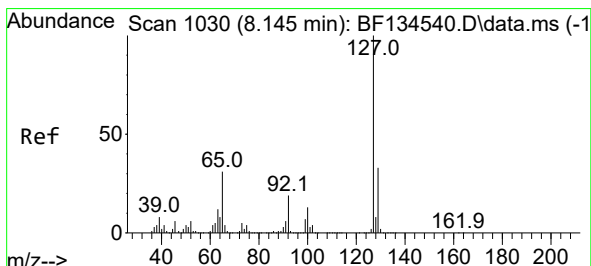
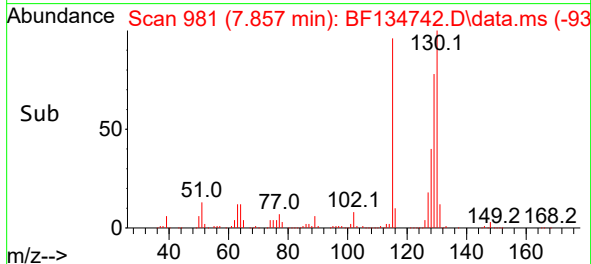
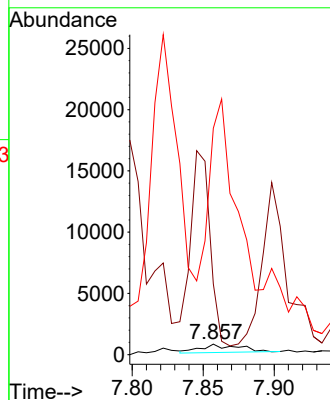
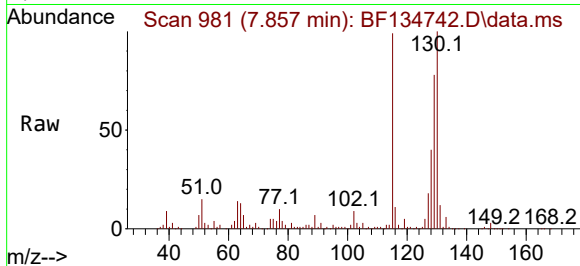




#32
Benzoic acid
Concen: 8.007 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

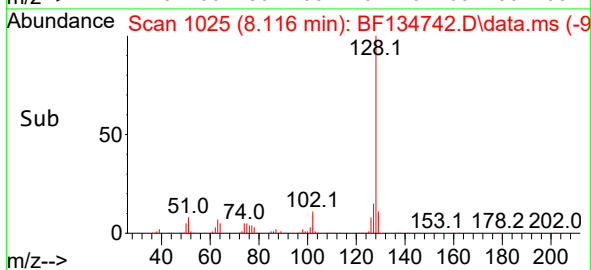
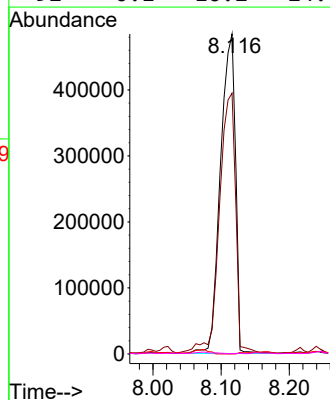
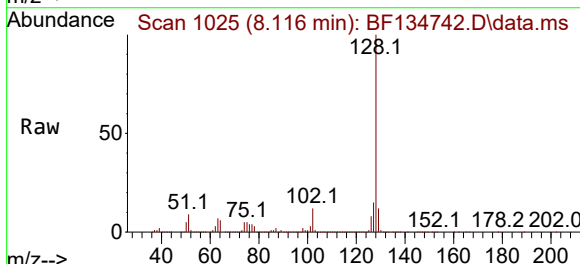
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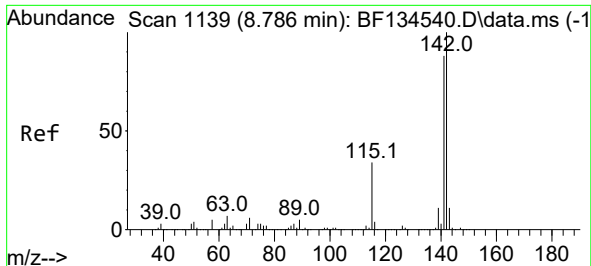
Tgt Ion:122 Resp: 1261
Ion Ratio Lower Upper
122 100
105 668.5 87.5 127.5#
77 2133.9 71.4 111.4#



#33
4-Chloroaniline
Concen: 44.587 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.035 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:127 Resp: 741479
Ion Ratio Lower Upper
127 100
129 81.5 25.6 38.4#
65 0.0 25.4 38.0#
92 0.1 16.2 24.4#

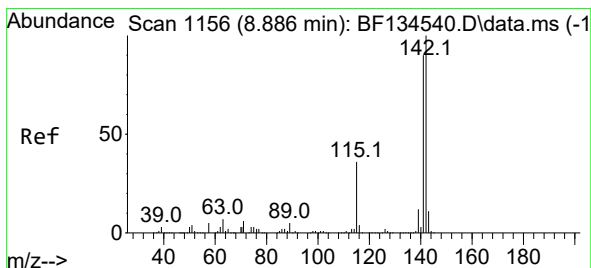
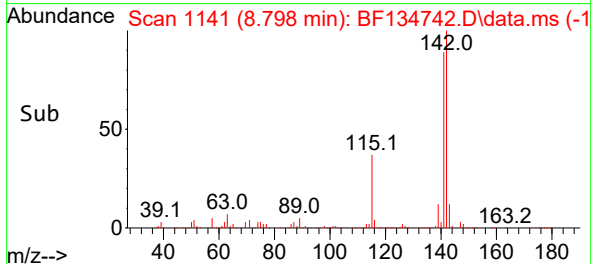
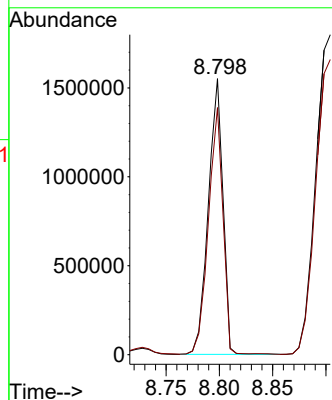
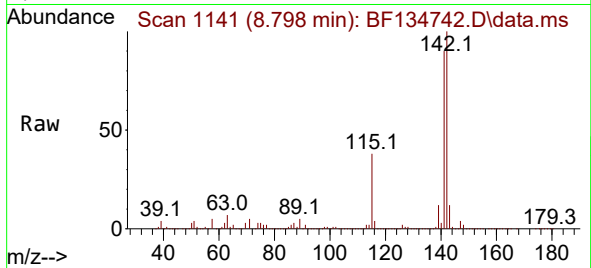




#37
2-Methylnaphthalene
Concen: 59.813 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

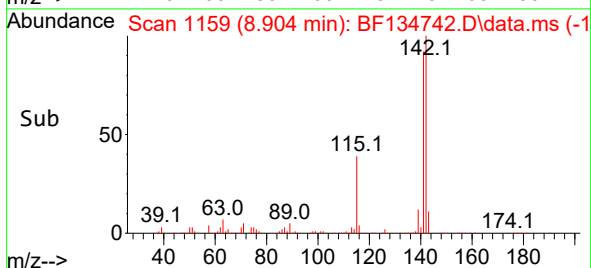
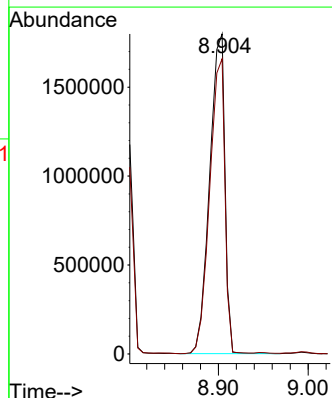
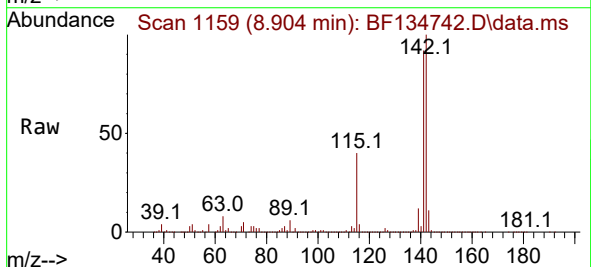
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

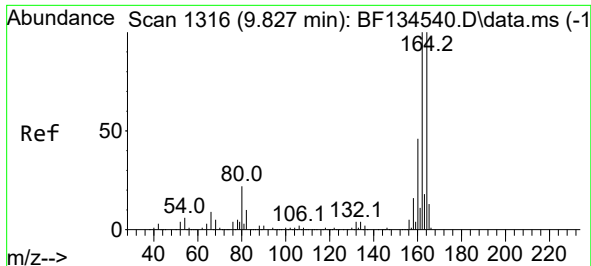
Tgt Ion:142 Resp: 1479721
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 91.951 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.012 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:142 Resp: 2115298
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.2

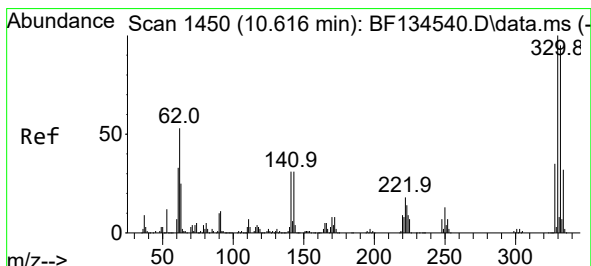
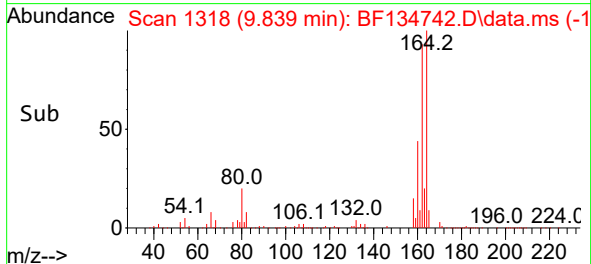
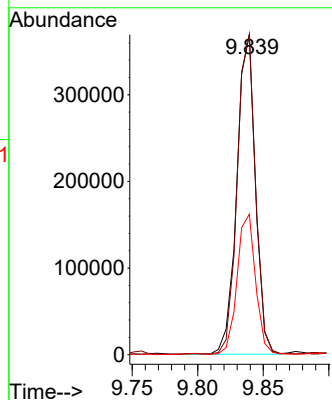
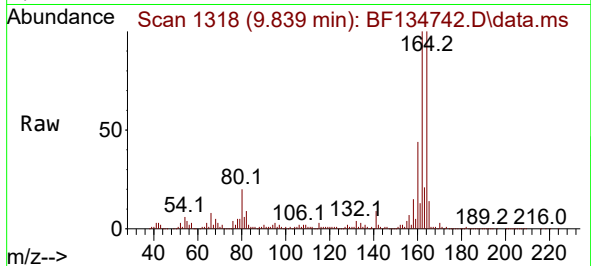




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

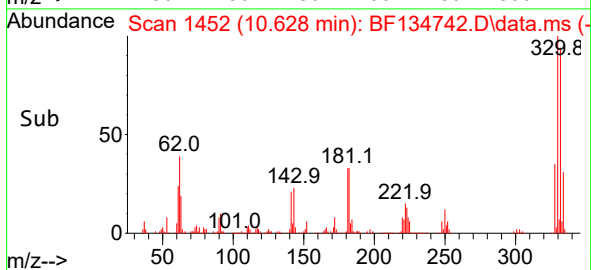
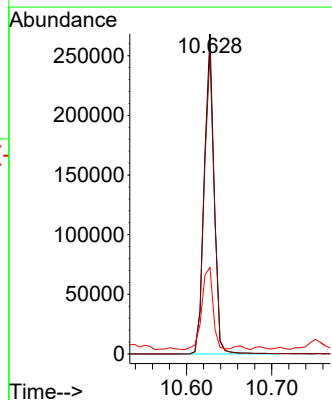
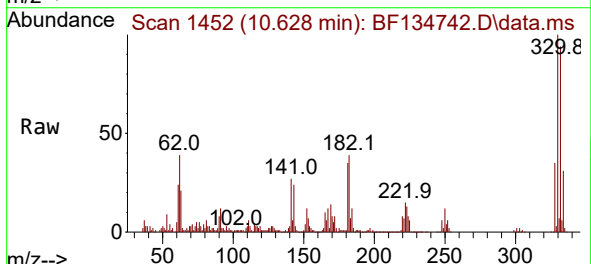
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

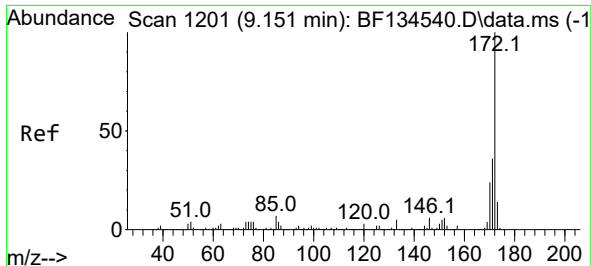
Tgt Ion:164 Resp: 363479
Ion Ratio Lower Upper
164 100
162 99.9 82.6 123.8
160 43.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 57.873 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:330 Resp: 214437
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 29.0 25.4 38.2

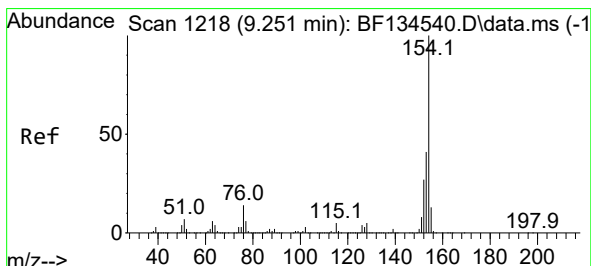
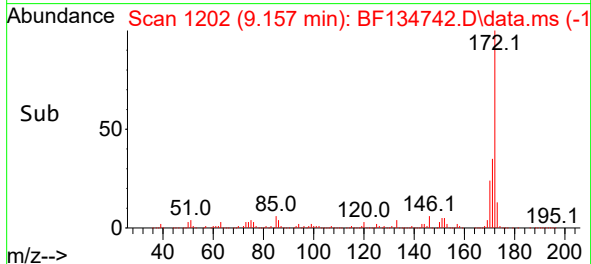
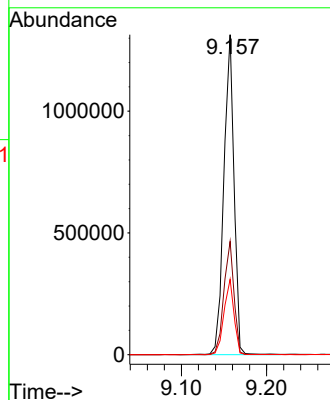
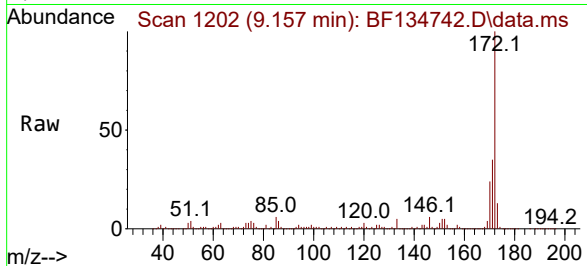




#45
2-Fluorobiphenyl
Concen: 49.771 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

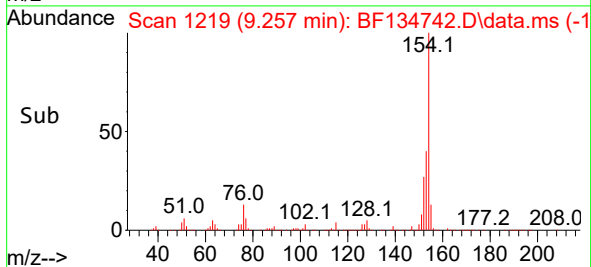
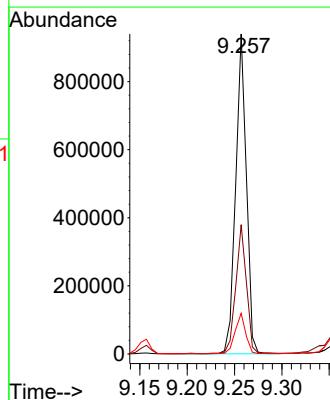
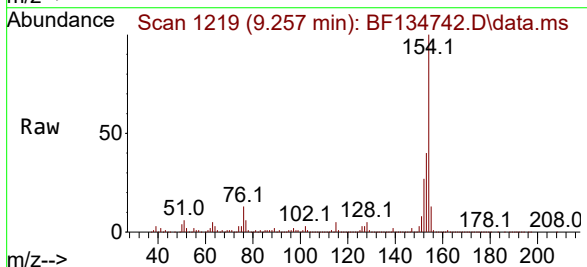
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

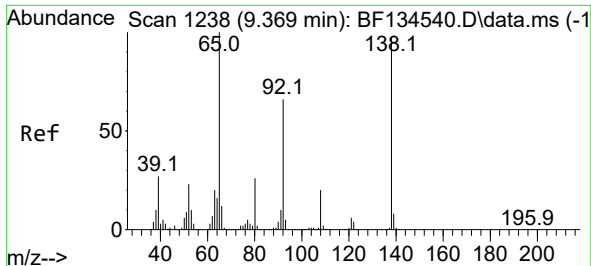
Tgt Ion:172 Resp: 1088044
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 26.129 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:154 Resp: 738554
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.7 0.0 30.2

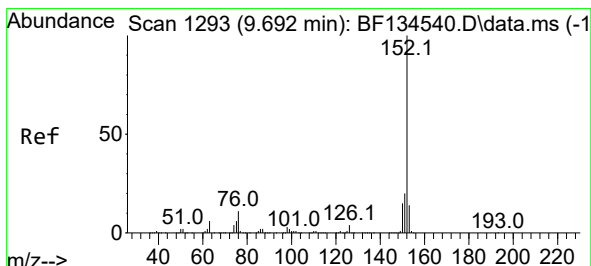
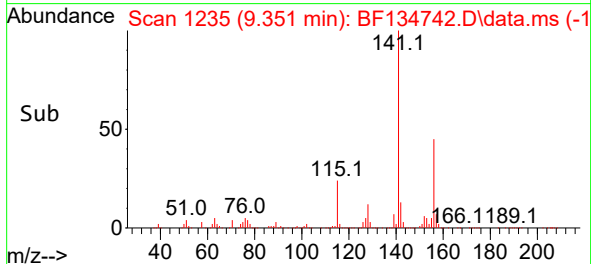
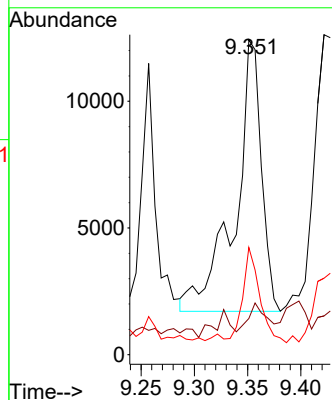
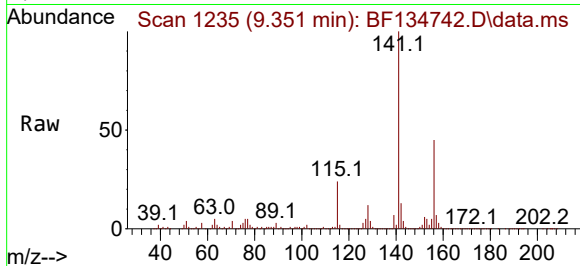




#48
2-Nitroaniline
Concen: 5.782 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

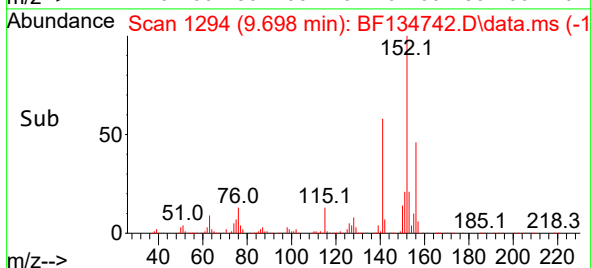
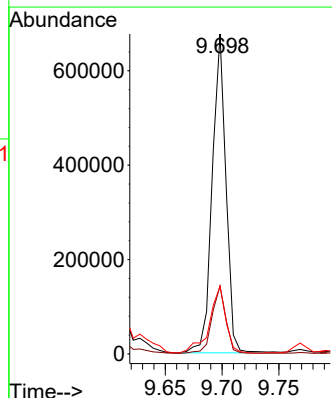
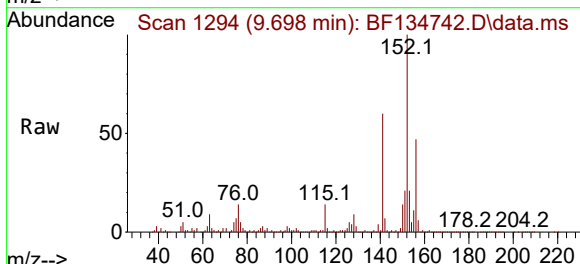
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

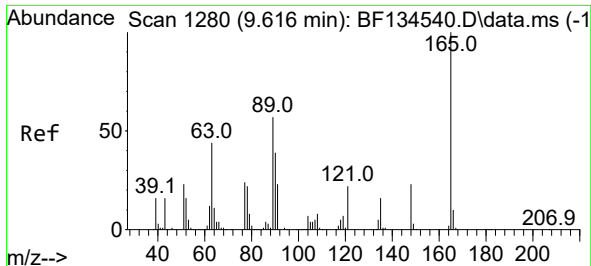
Tgt Ion: 65 Resp: 18492
Ion Ratio Lower Upper
65 100
92 11.5 50.7 76.1#
138 34.1 78.2 117.4#



#49
Acenaphthylene
Concen: 17.069 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion: 152 Resp: 568233
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 21.2 10.9 16.3#

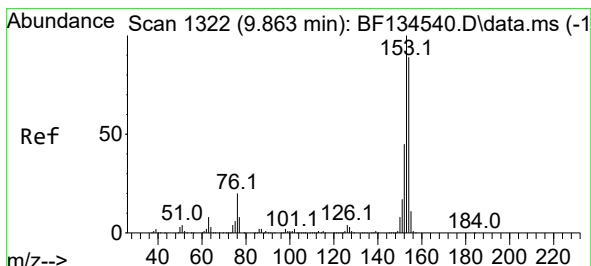
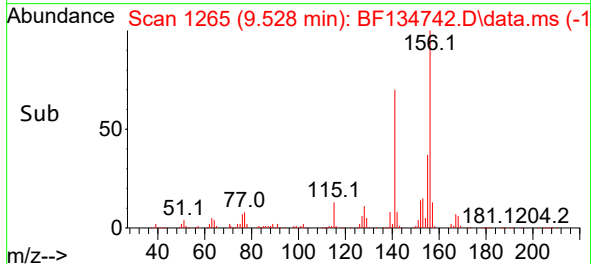
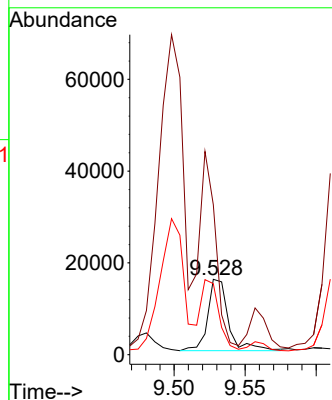
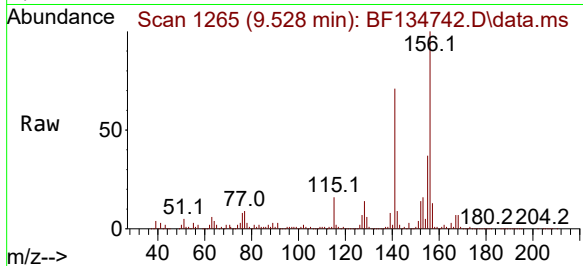




#51
2,6-Dinitrotoluene
Concen: 5.441 ng
RT: 9.528 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

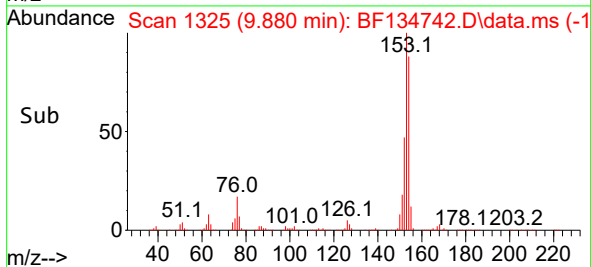
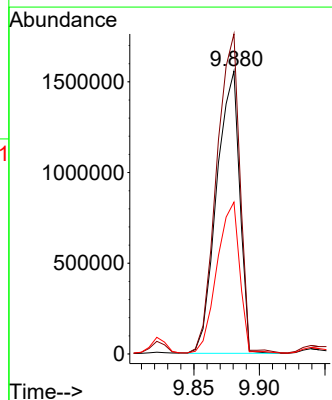
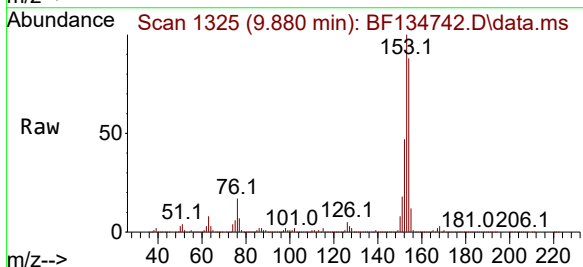
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

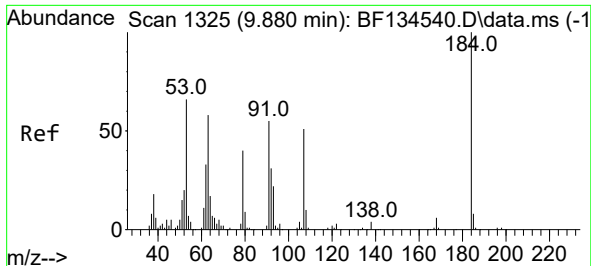
Tgt Ion:165 Resp: 15769
Ion Ratio Lower Upper
165 100
63 199.0 57.8 86.6#
89 94.2 51.8 77.8#



#52
Acenaphthene
Concen: 87.460 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:154 Resp: 1886885
Ion Ratio Lower Upper
154 100
153 113.1 90.0 135.0
152 53.7 42.4 63.6

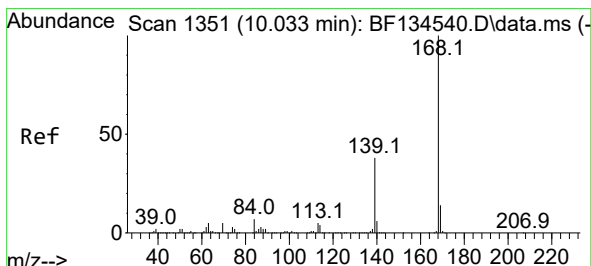
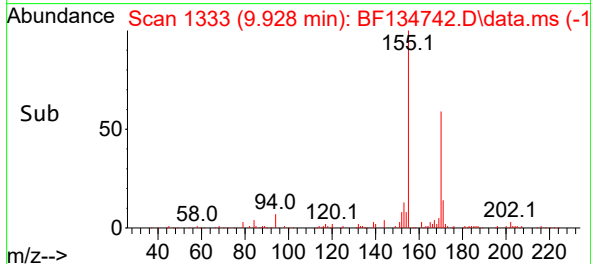
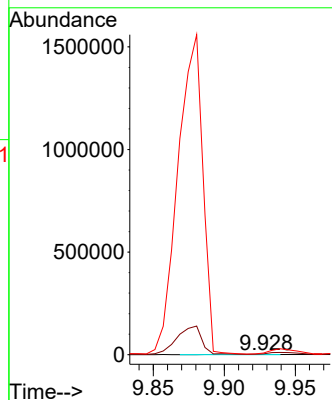
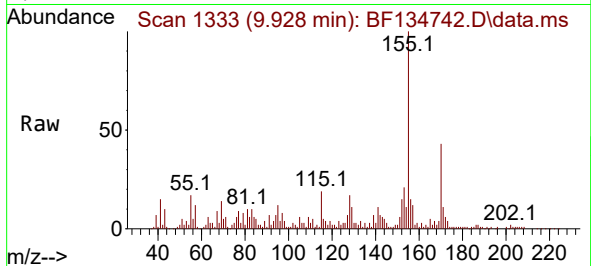




#54
2,4-Dinitrophenol
Concen: 7.681 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

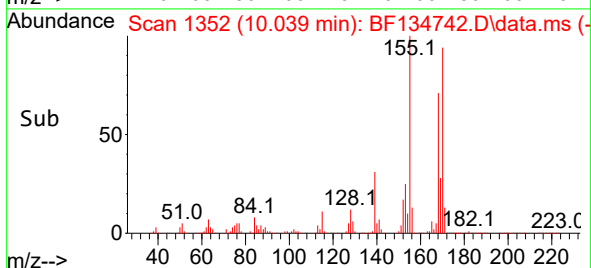
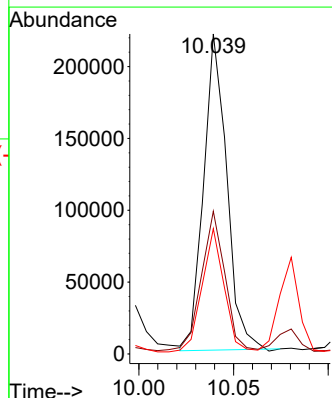
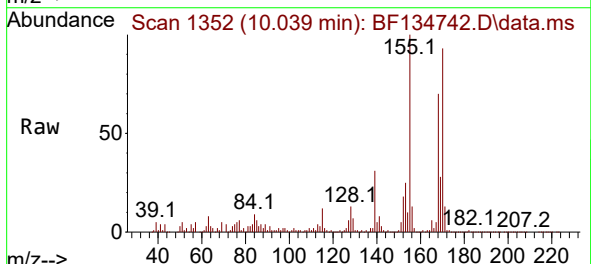
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

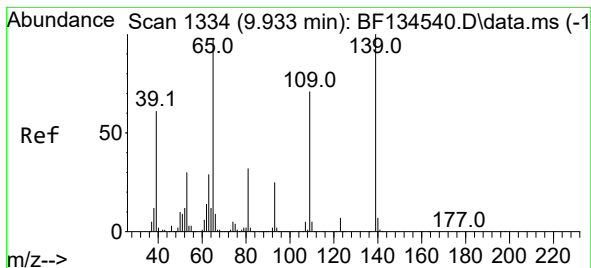
Tgt Ion:184 Resp: 1362
Ion Ratio Lower Upper
184 100
63 491.9 57.1 85.7#
154 945.4 59.1 88.7#



#55
Dibenzofuran
Concen: 6.087 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:168 Resp: 186949
Ion Ratio Lower Upper
168 100
139 44.6 33.4 50.2
169 39.2 10.6 15.8#





#56

4-Nitrophenol

Concen: 5.037 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

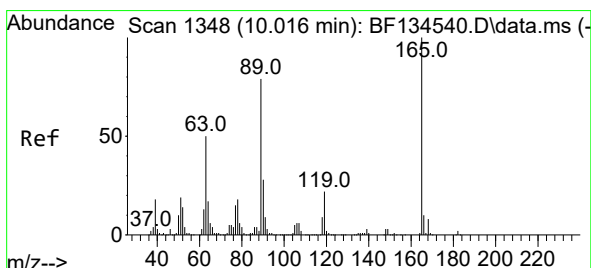
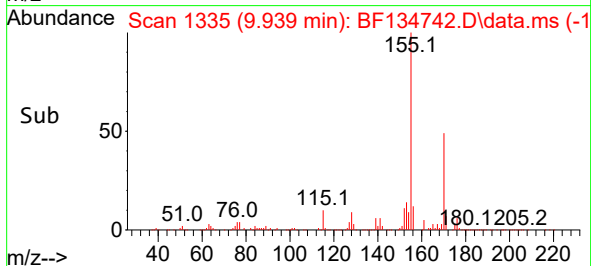
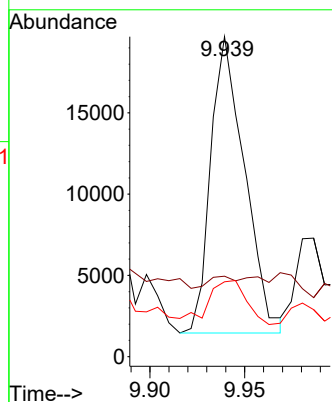
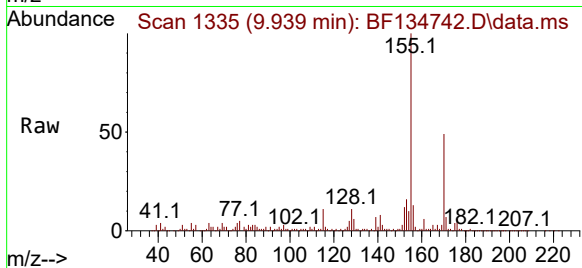
Tgt Ion:139 Resp: 22749

Ion Ratio Lower Upper

139 100

109 25.2 76.9 116.9#

65 23.4 98.5 138.5#



#57

2,4-Dinitrotoluene

Concen: 12.853 ng

RT: 10.145 min Scan# 1370

Delta R.T. 0.118 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Tgt Ion:165 Resp: 65196

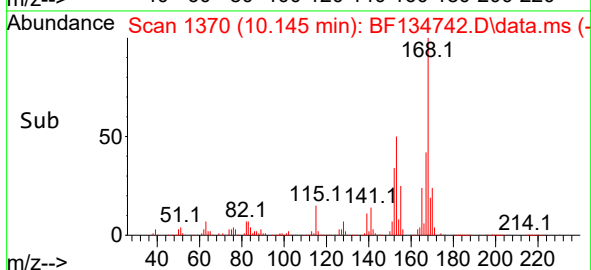
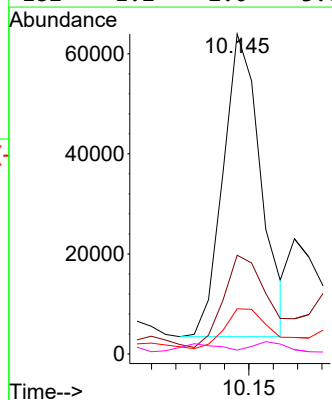
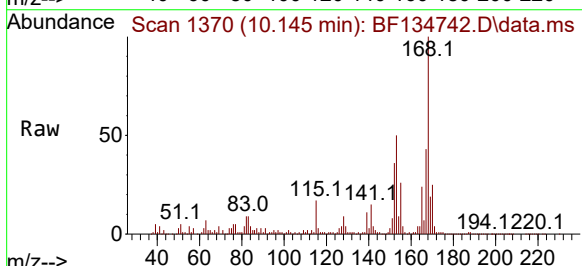
Ion Ratio Lower Upper

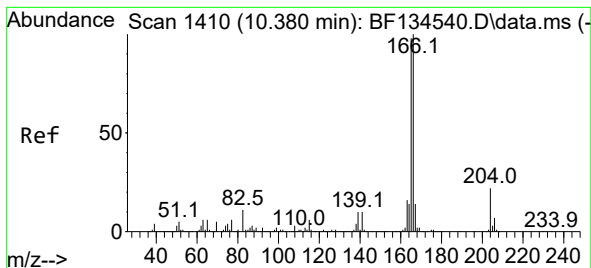
165 100

63 30.9 48.9 73.3#

89 14.1 61.7 92.5#

182 1.2 2.0 3.0#





#58

Fluorene

Concen: 48.694 ng

RT: 10.392 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

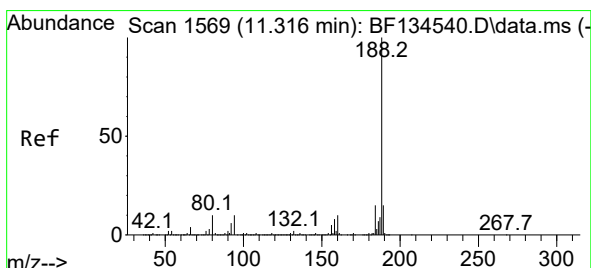
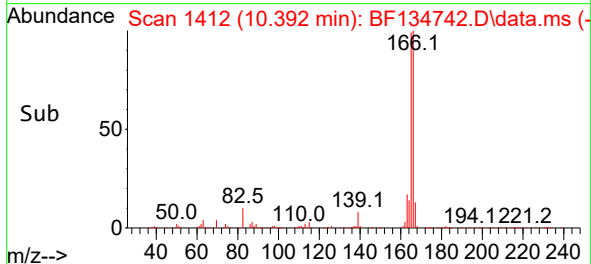
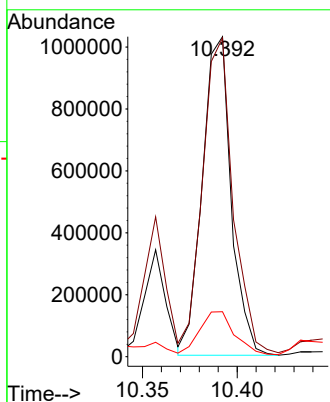
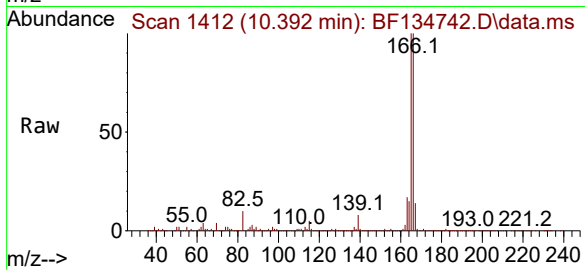
Tgt Ion:166 Resp: 1089291

Ion Ratio Lower Upper

166 100

165 99.6 74.5 111.7

167 14.1 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

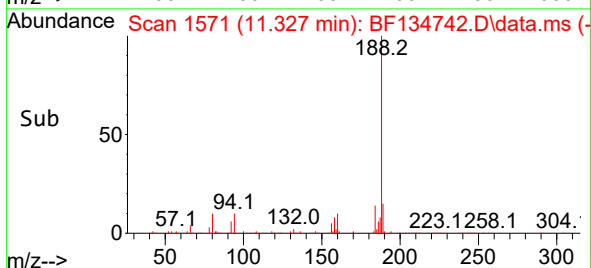
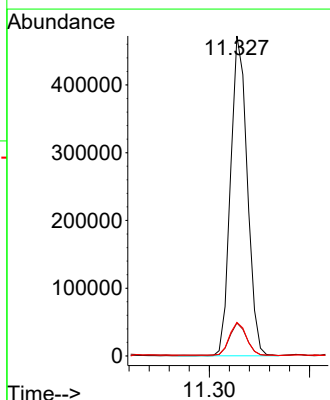
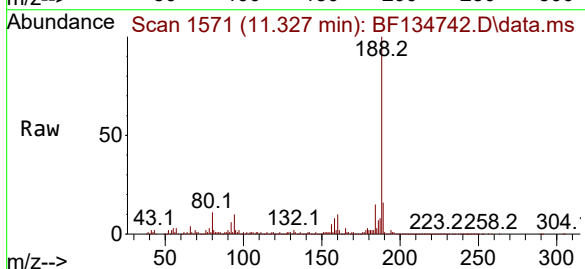
Tgt Ion:188 Resp: 544680

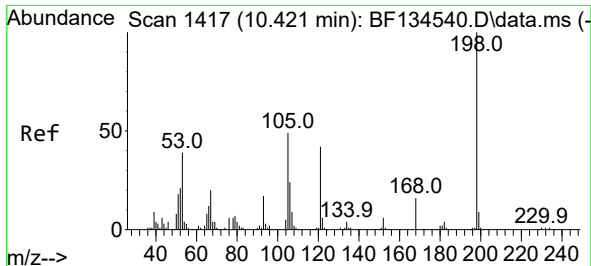
Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 10.5 6.6 9.8#

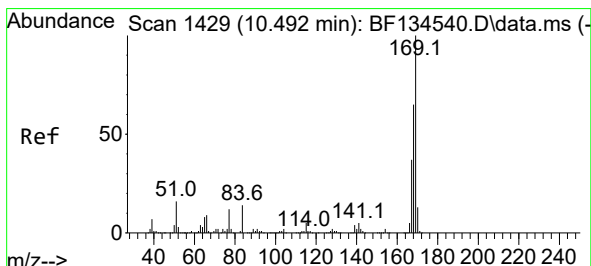
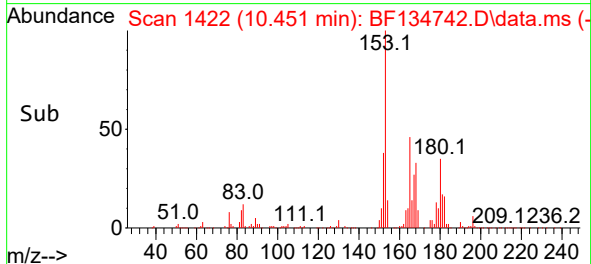
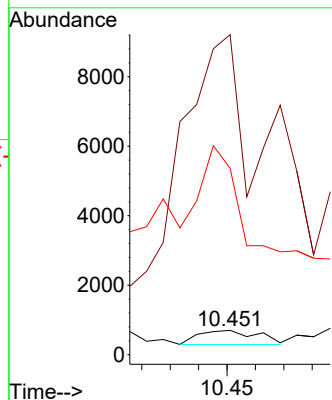
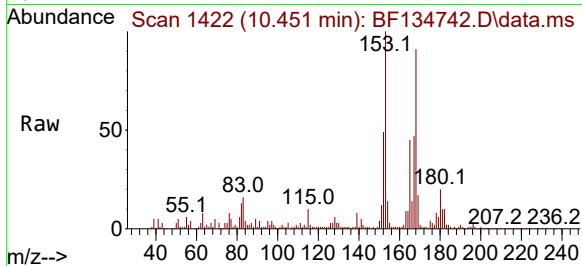




#65
4,6-Dinitro-2-methylphenol
Concen: 8.919 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

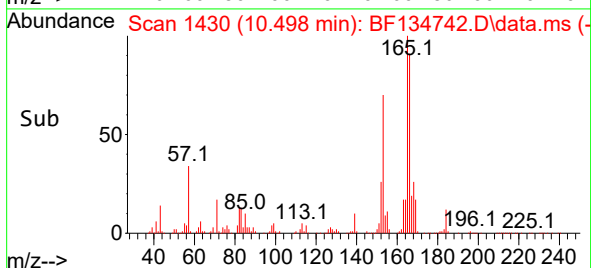
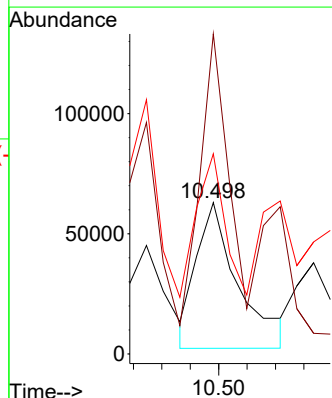
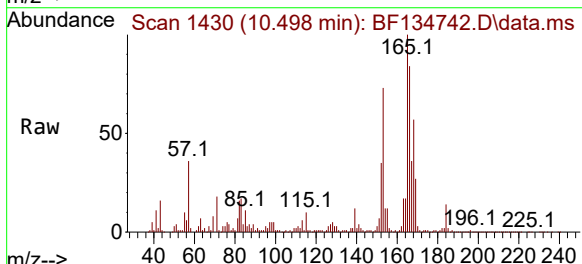
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

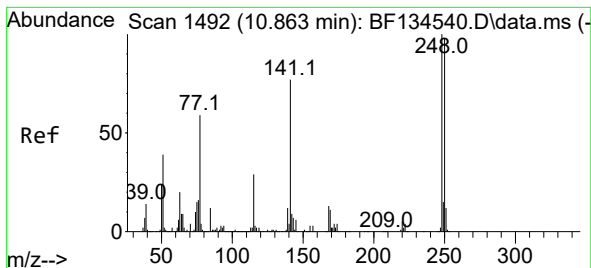
Tgt Ion:198 Resp: 593
Ion Ratio Lower Upper
198 100
51 1317.6 38.6 78.6#
105 767.7 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 3.576 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:169 Resp: 61997
Ion Ratio Lower Upper
169 100
168 211.5 52.6 78.8#
167 132.4 29.8 44.8#

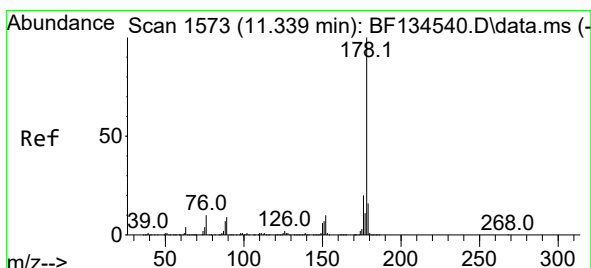
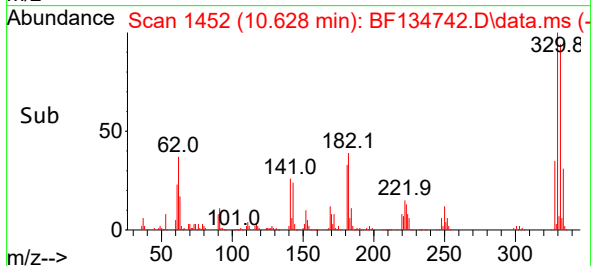
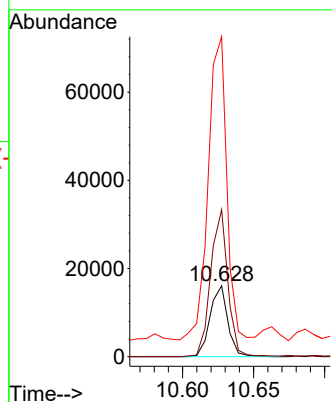
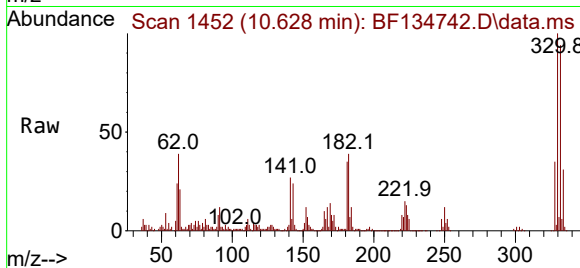




#67
4-Bromophenyl-phenylether
Concen: 2.342 ng
RT: 10.628 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

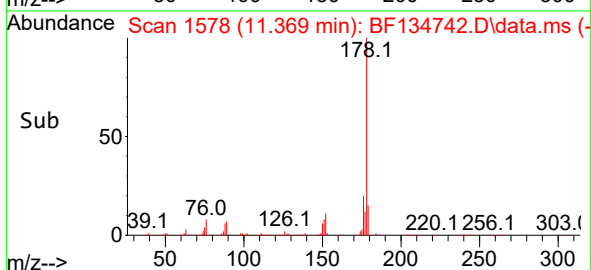
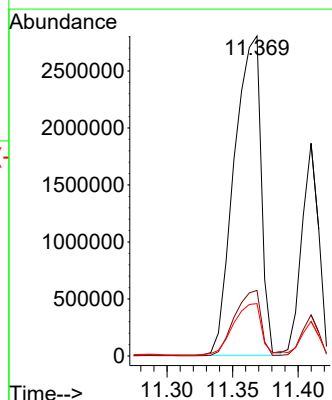
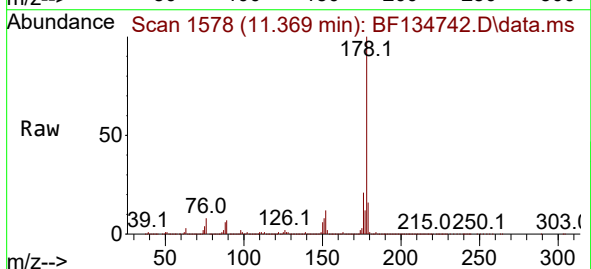
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

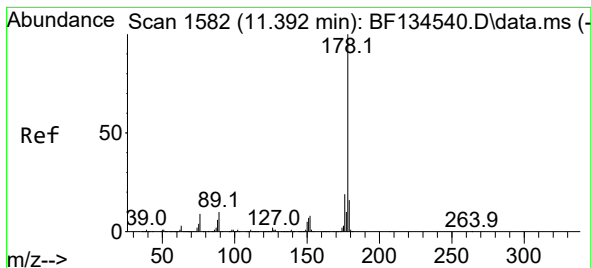
Tgt Ion:248 Resp: 13967
Ion Ratio Lower Upper
248 100
250 207.3 79.6 119.4#
141 451.4 59.6 89.4#



#71
Phenanthrene
Concen: 137.984 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:178 Resp: 3992030
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.4 12.7 19.1





#72

Anthracene

Concen: 54.596 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

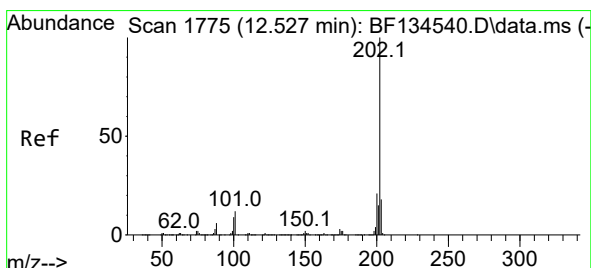
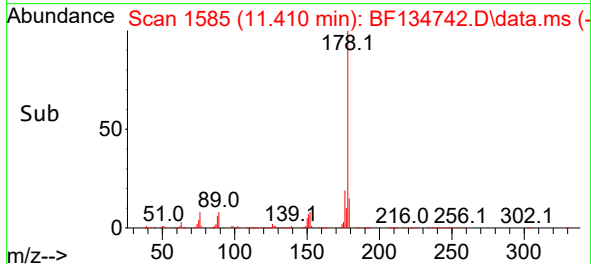
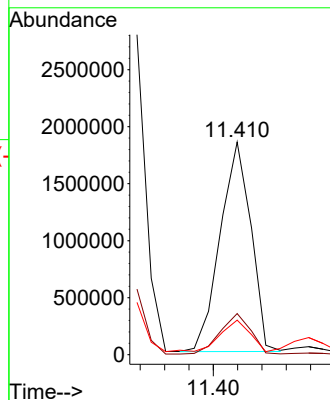
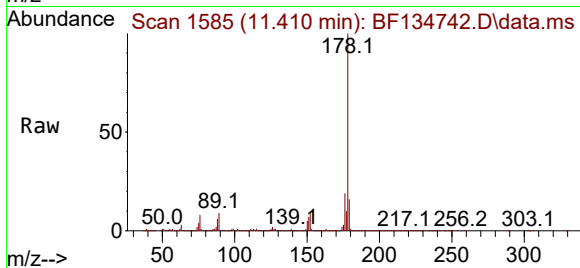
Tgt Ion:178 Resp: 1613398

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

179 16.3 12.3 18.5



#75

Fluoranthene

Concen: 72.374 ng

RT: 12.551 min Scan# 1779

Delta R.T. 0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

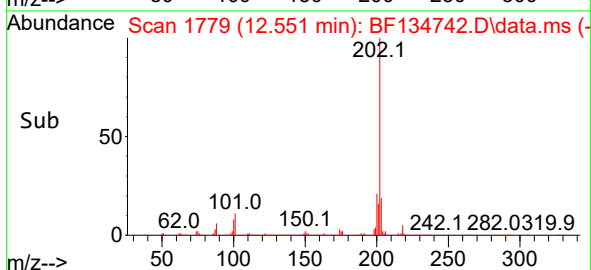
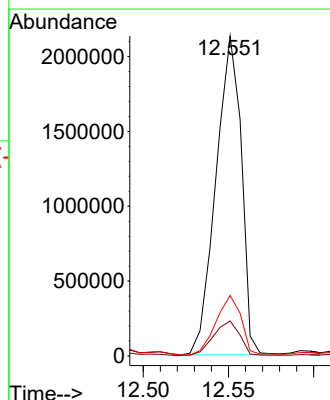
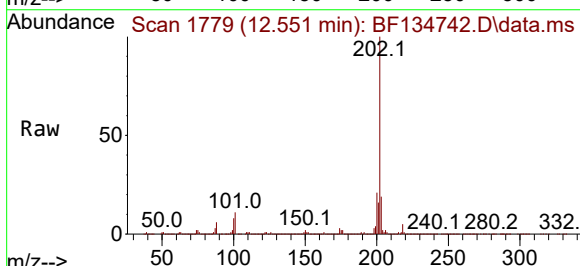
Tgt Ion:202 Resp: 2211786

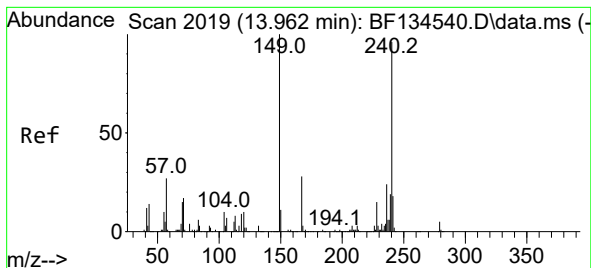
Ion Ratio Lower Upper

202 100

101 11.0 0.0 28.5

203 18.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

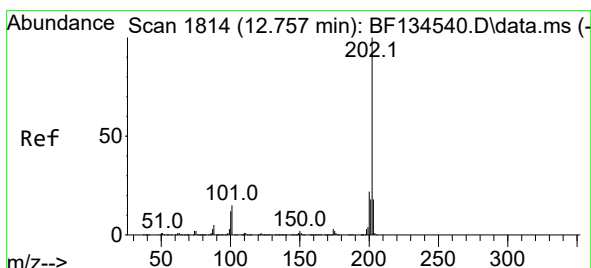
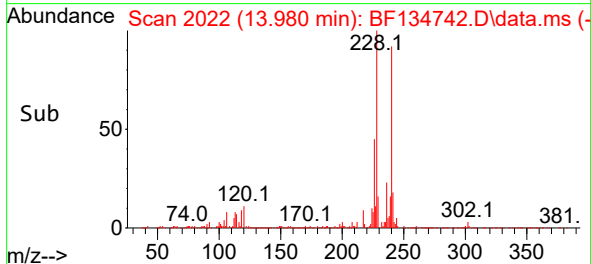
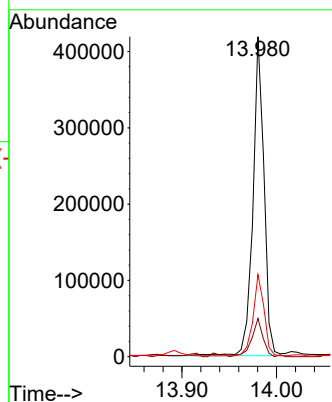
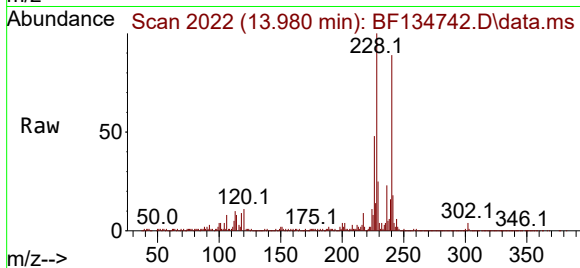
Tgt Ion:240 Resp: 341588

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 25.7 20.2 30.2



#78

Pyrene

Concen: 99.509 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.018 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

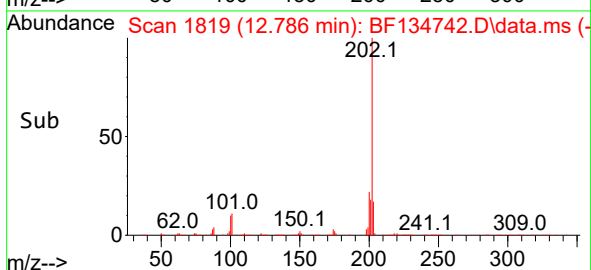
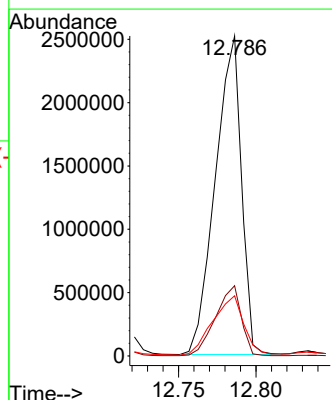
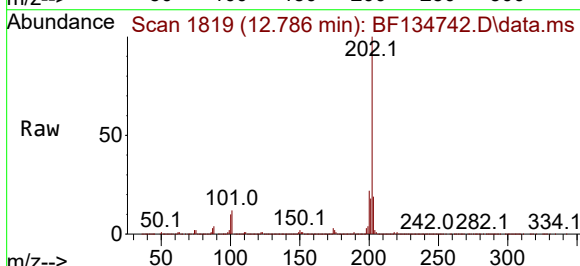
Tgt Ion:202 Resp: 2941307

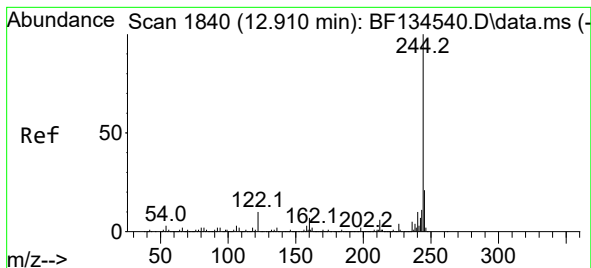
Ion Ratio Lower Upper

202 100

200 21.9 15.8 23.8

203 18.8 13.5 20.3





#79

Terphenyl-d14

Concen: 47.286 ng

RT: 12.921 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

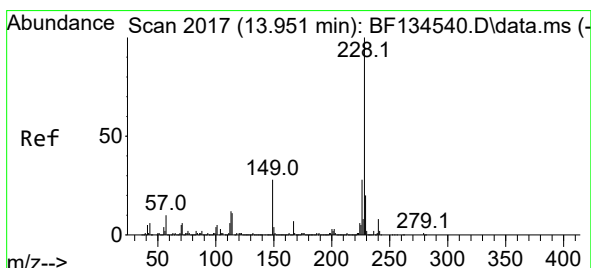
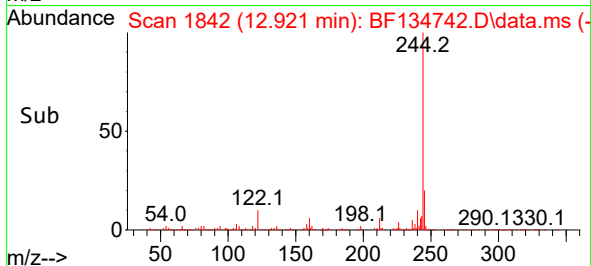
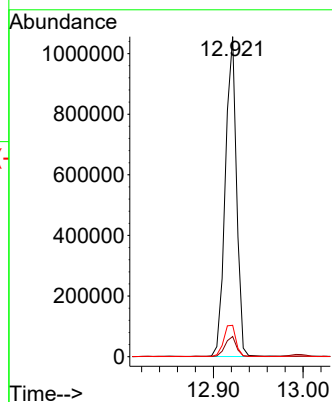
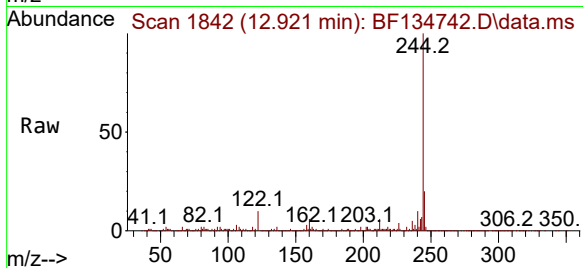
Tgt Ion:244 Resp: 916254

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.8 8.0 12.0



#81

Benzo(a)anthracene

Concen: 50.827 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.047 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

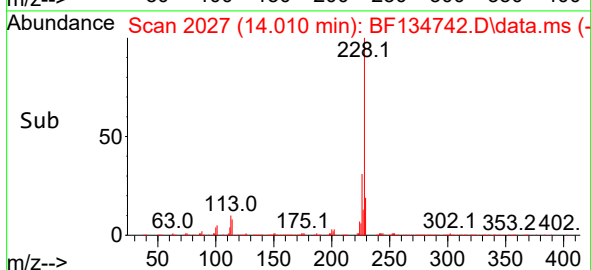
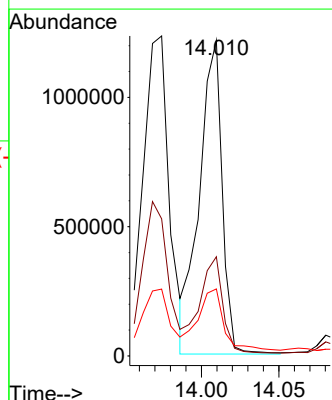
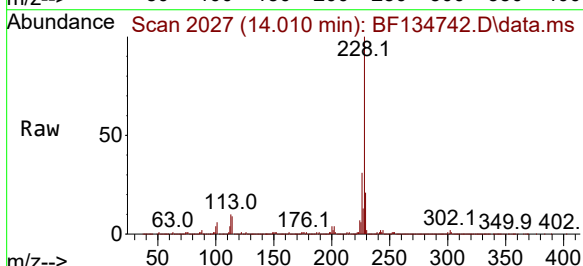
Tgt Ion:228 Resp: 1241458

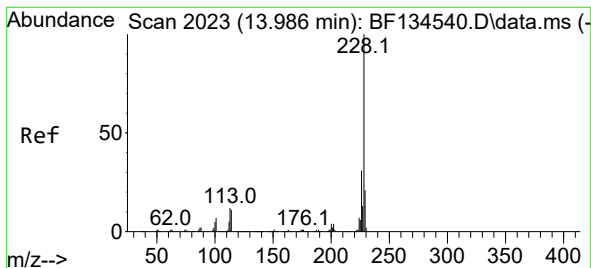
Ion Ratio Lower Upper

228 100

226 31.4 22.3 33.5

229 21.2 15.8 23.6





#83

Chrysene

Concen: 52.170 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

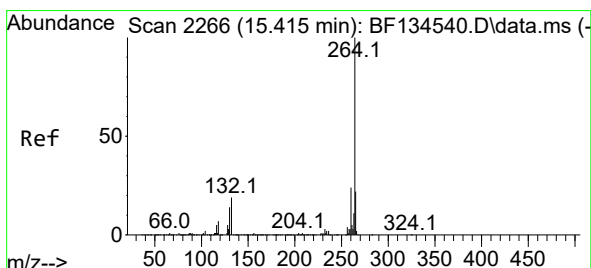
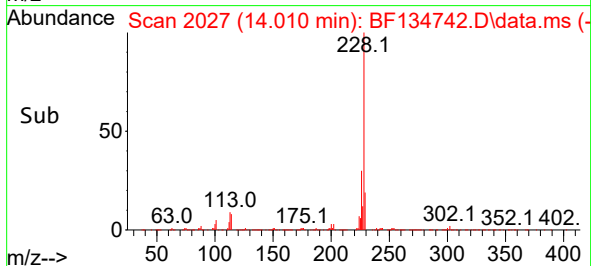
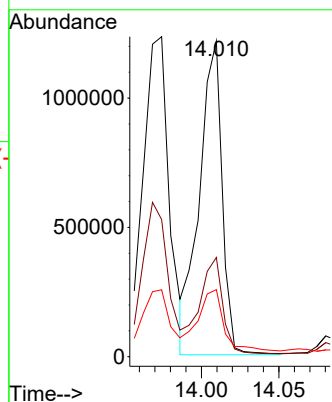
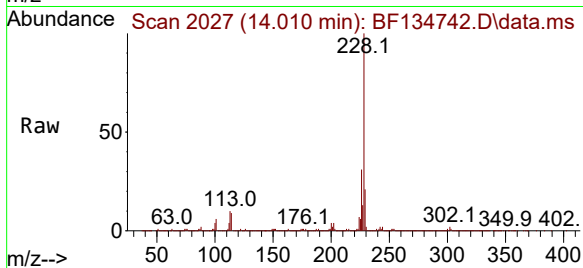
Tgt Ion:228 Resp: 1241458

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 21.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

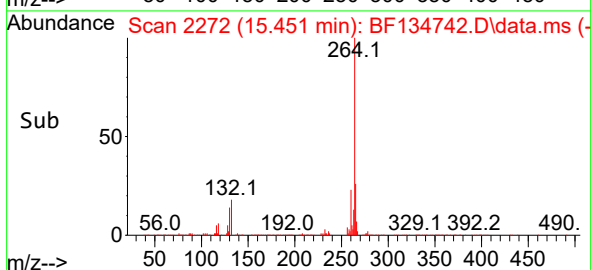
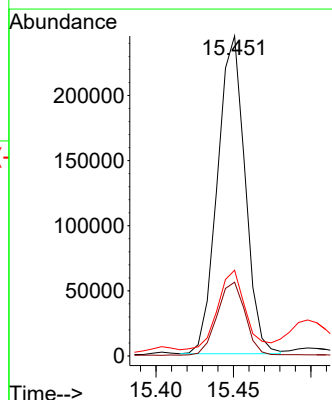
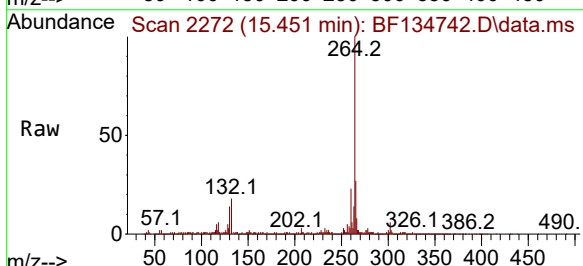
Tgt Ion:264 Resp: 302209

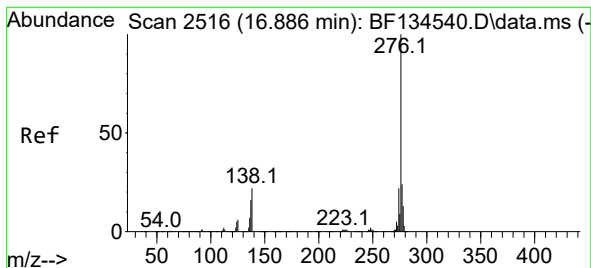
Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 26.8 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 14.911 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

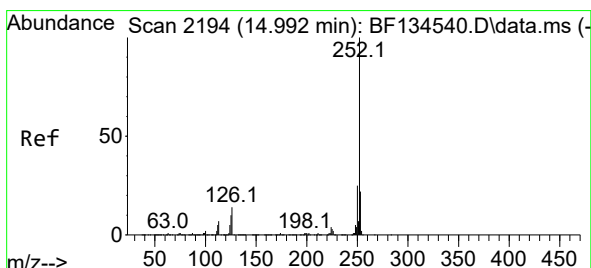
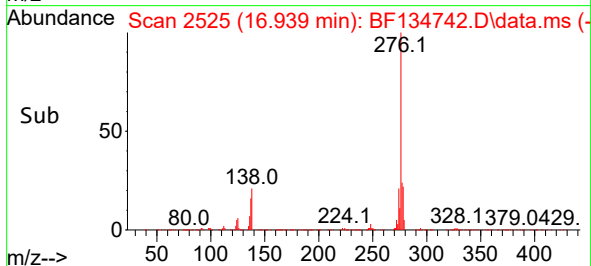
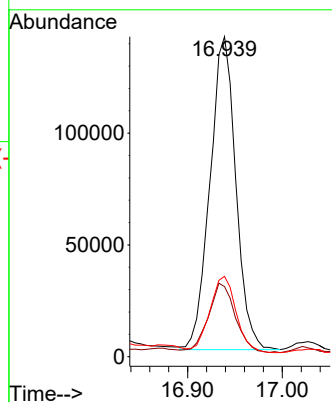
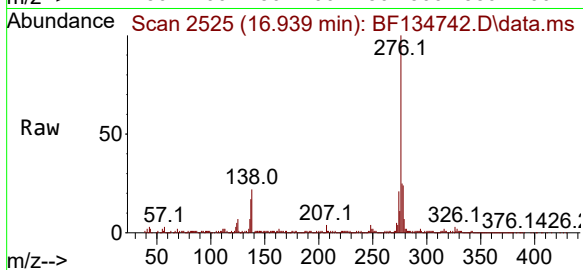
Tgt Ion:276 Resp: 265025

Ion Ratio Lower Upper

276 100

138 23.0 14.2 21.4#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 55.886 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.018 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

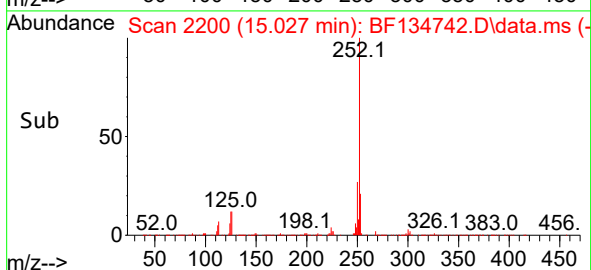
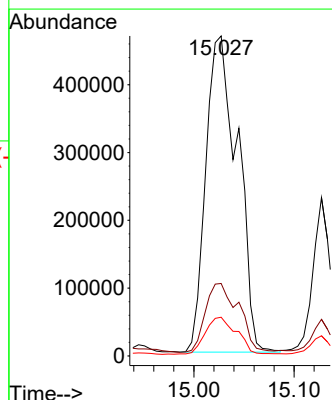
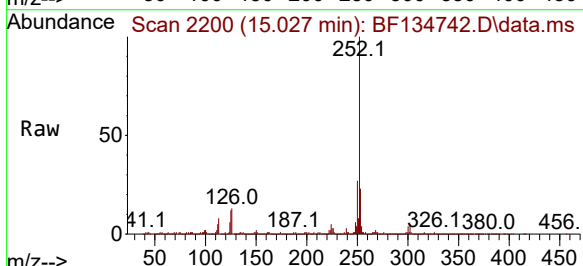
Tgt Ion:252 Resp: 1030062

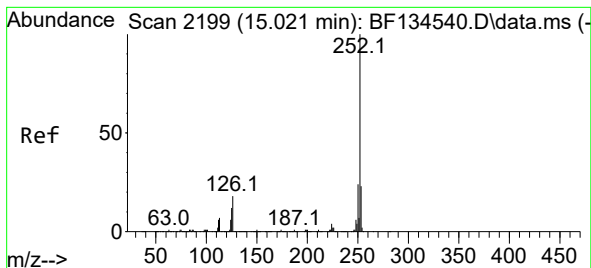
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 12.1 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 56.101 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z46-47

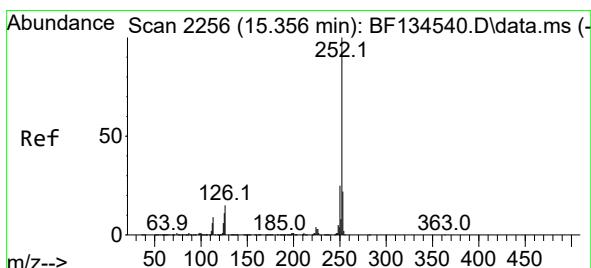
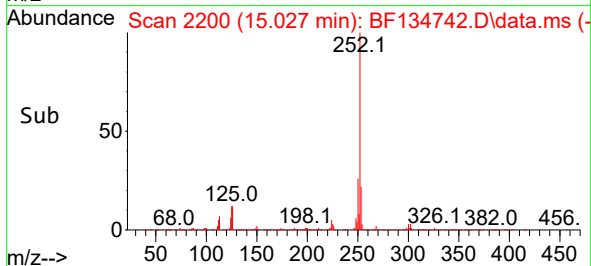
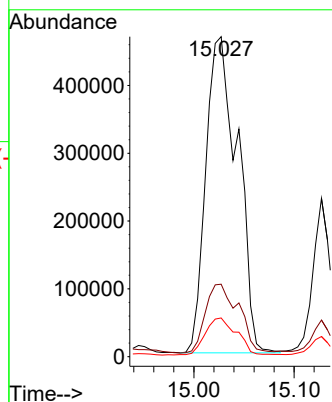
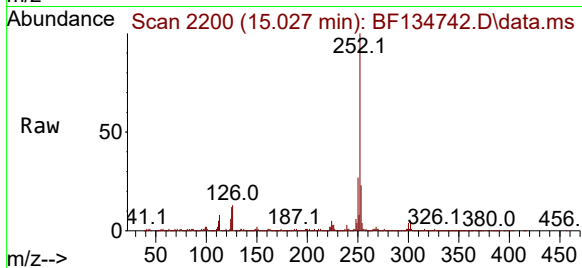
Tgt Ion:252 Resp: 1030062

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 12.1 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 49.952 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF134742.D

Acq: 11 Aug 2023 20:18

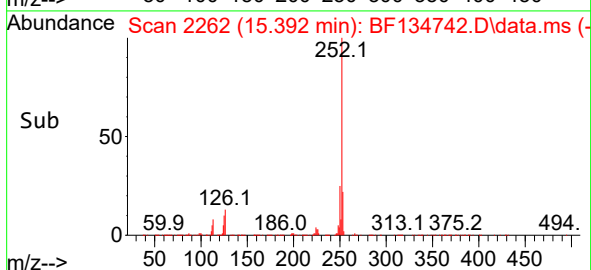
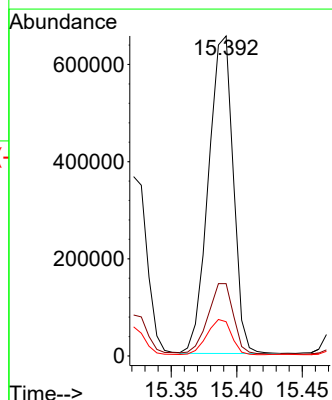
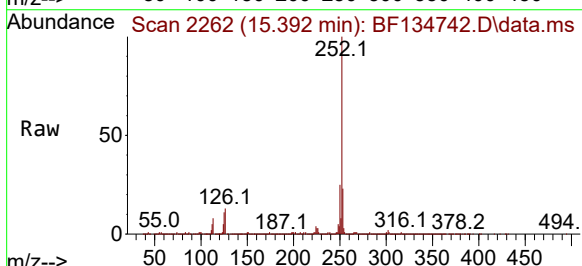
Tgt Ion:252 Resp: 858438

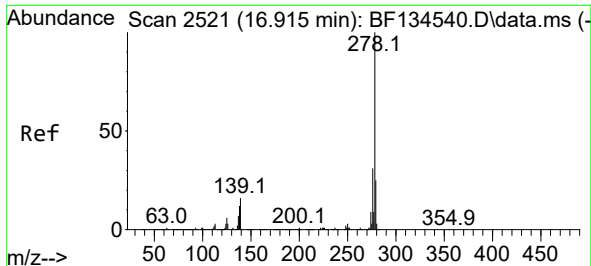
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 10.7 6.2 9.4#

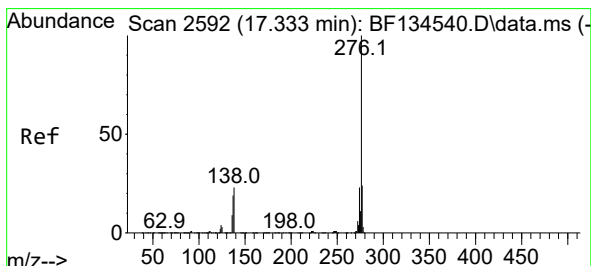
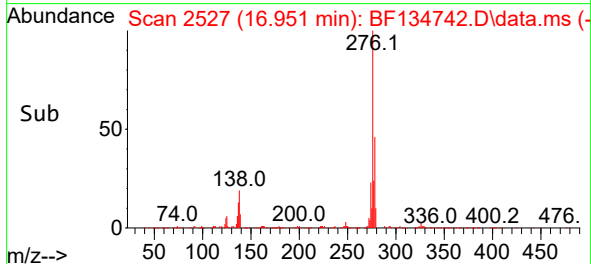
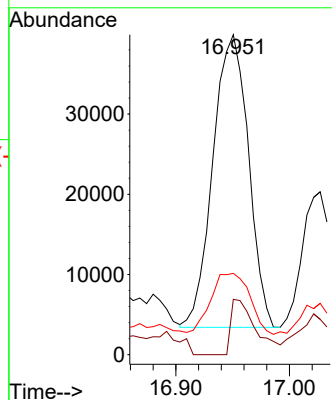
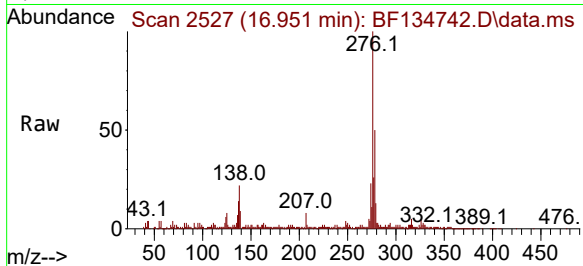




#91
Dibenzo(a,h)anthracene
Concen: 5.521 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

Tgt Ion:278 Resp: 79307
Ion Ratio Lower Upper
278 100
139 17.3 10.0 15.0#
279 25.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 19.603 ng
RT: 17.392 min Scan# 2602
Delta R.T. 0.018 min
Lab File: BF134742.D
Acq: 11 Aug 2023 20:18

Tgt Ion:276 Resp: 287228
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 21.7 12.2 18.2#

