

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134741.D
 Acq On : 11 Aug 2023 19:46
 Operator : CG\JU
 Sample : 03958-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z37-39

Quant Time: Aug 11 22:24:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	196491	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	273208	20.000	ng	# 0.01
39) Acenaphthene-d10	9.845	164	294891	20.000	ng	0.01
64) Phenanthrene-d10	11.339	188	418028	20.000	ng	# 0.02
76) Chrysene-d12	13.998	240	284446	20.000	ng	# 0.02
86) Perylene-d12	15.462	264	283464	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	942849	72.941	ng	0.00
7) Phenol-d6	6.439	99	1180901	71.467	ng	0.00
23) Nitrobenzene-d5	7.375	82	612205	140.034	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	201452	67.014	ng	0.01
45) 2-Fluorobiphenyl	9.163	172	1108728	62.514	ng	0.00
79) Terphenyl-d14	12.933	244	906281	56.167	ng	0.01
Target Compounds						
9) Benzaldehyde	6.363	77	116486	10.931	ng	# 1
18) Hexachloroethane	7.339	117	324764	68.437	ng	# 1
22) Acetophenone	7.192	105	148878	23.604	ng	# 48
24) Nitrobenzene	7.375	77	57749	12.227	ng	# 1
25) Isophorone	7.704	82	50579	5.304	ng	# 65
26) 2-Nitrophenol	7.710	139	2716	6.009	ng	# 1
27) 2,4-Dimethylphenol	7.880	122	10447	2.455	ng	86
28) bis(2-Chloroethoxy)met...	7.833	93	22800	3.997	ng	# 81
31) Naphthalene	8.180	128	22357627	1628.268	ng	# 90
32) Benzoic acid	7.880	122	10447	11.014	ng	# 1
33) 4-Chloroaniline	8.180	127	3579970	585.143	ng	# 35
35) Caprolactam	8.516	113	26356	21.155	ng	# 33
37) 2-Methylnaphthalene	8.845	142	8232352	904.517	ng	100
38) 1-Methylnaphthalene	8.945	142	6048096	714.626	ng	97
46) 1,1'-Biphenyl	9.274	154	2428918	105.920	ng	97
48) 2-Nitroaniline	9.374	65	48476	11.618	ng	# 32
49) Acenaphthylene	9.710	152	1139292	42.181	ng	# 85
51) 2,6-Dinitrotoluene	9.692	165	10100	4.821	ng	# 8
52) Acenaphthene	9.910	154	4453638	254.446	ng	99
54) 2,4-Dinitrophenol	9.933	184	4337	10.260	ng	# 1
55) Dibenzofuran	10.057	168	619099	24.847	ng	# 89
56) 4-Nitrophenol	9.957	139	126454	34.513	ng	# 12
57) 2,4-Dinitrotoluene	10.057	165	47963	11.921	ng	# 59
58) Fluorene	10.580	166	780069	42.981	ng	90
62) 4-Nitroaniline	10.410	138	33400	7.607	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.474	198	1165	9.263	ng	# 1
66) n-Nitrosodiphenylamine	10.510	169	190787	14.339	ng	# 1
71) Phenanthrene	11.398	178	8115539	365.500	ng	97
72) Anthracene	11.433	178	3536050	155.909	ng	96
73) Carbazole	11.568	167	204712	10.109	ng	# 87
75) Fluoranthene	12.580	202	4233698	180.508	ng	97
78) Pyrene	12.662	202	2346729	95.343	ng	96
81) Benzo(a)anthracene	13.992	228	3413489	167.828	ng	# 88
83) Chrysene	13.992	228	3413489	172.261	ng	91
87) Indeno(1,2,3-cd)pyrene	16.956	276	673774	40.415	ng	# 94
88) Benzo(b)fluoranthene	15.039	252	2512189	145.312	ng	# 95

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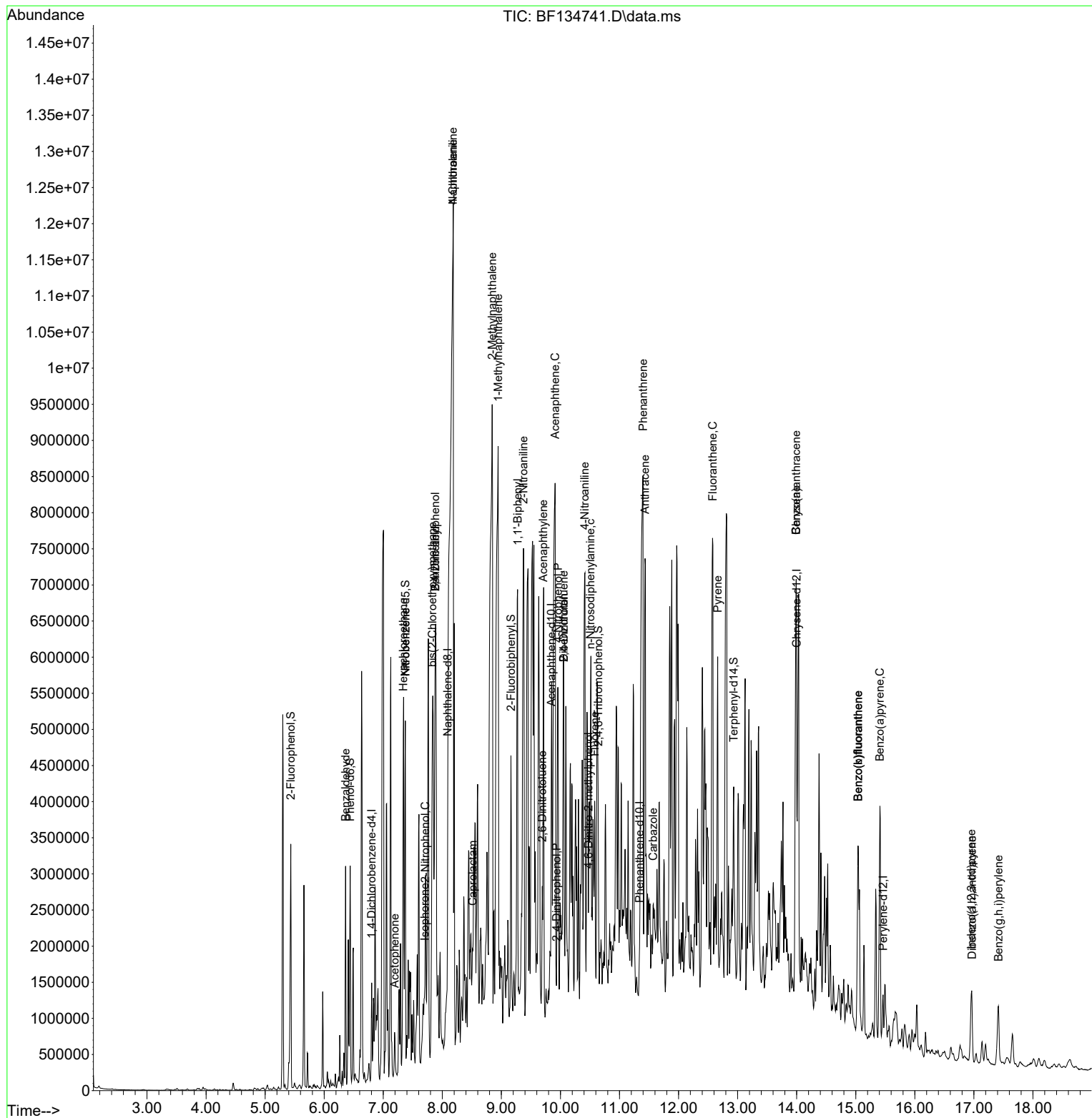
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	15.039	252	2512371	145.882	ng	# 96
90) Benzo(a)pyrene	15.409	252	2080632	129.078	ng	# 95
91) Dibenzo(a,h)anthracene	16.968	278	215811	16.018	ng	# 93
92) Benzo(g,h,i)perylene	17.415	276	722102	52.542	ng	# 92

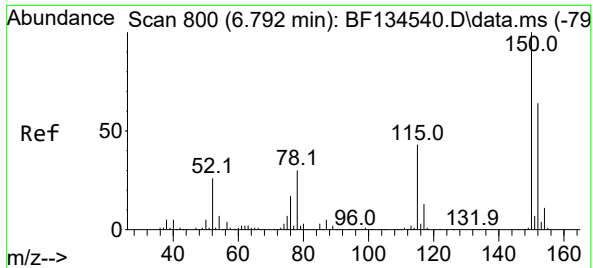
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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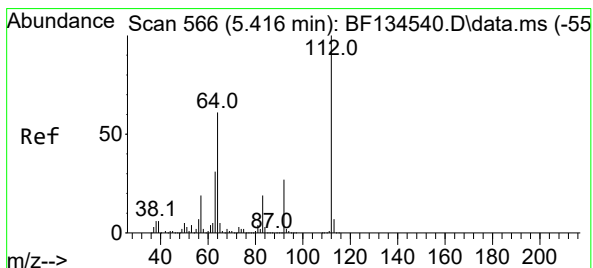
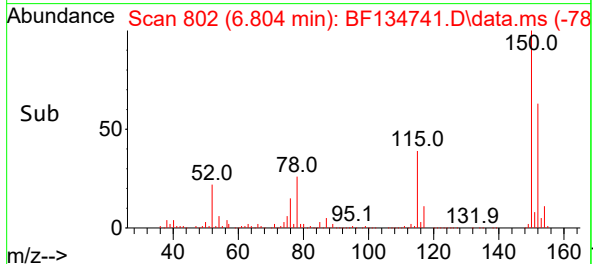
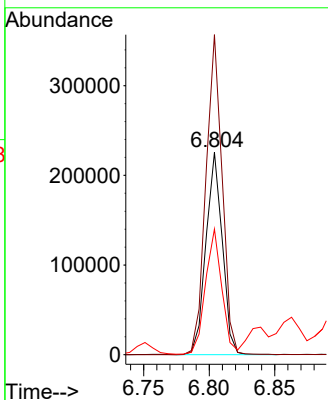
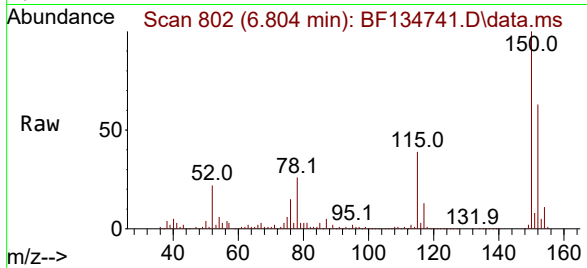




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

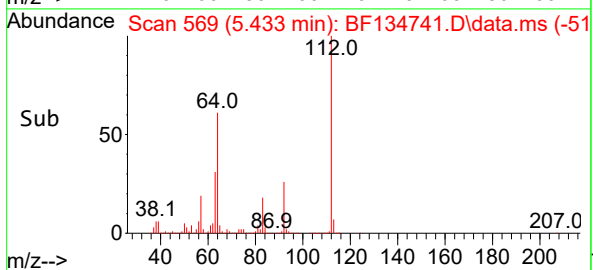
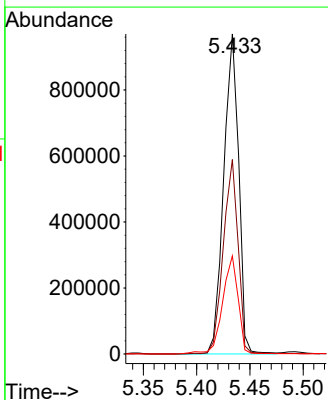
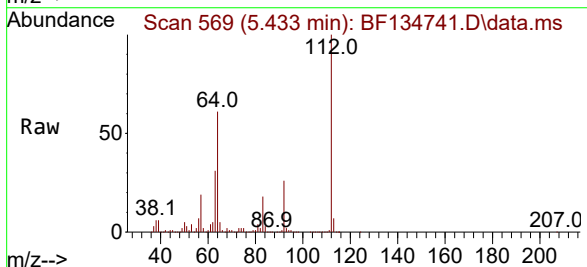
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

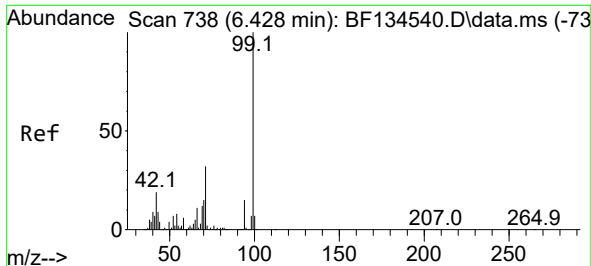
Tgt Ion:152 Resp: 196491
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 72.941 ng
RT: 5.433 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:112 Resp: 942849
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 30.7 25.4 38.0

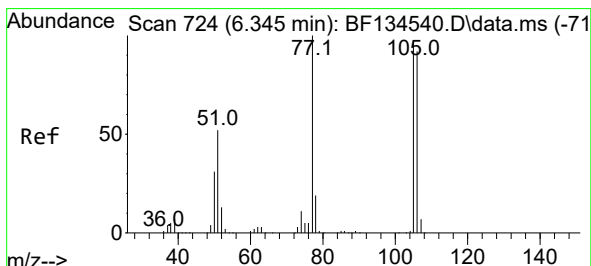
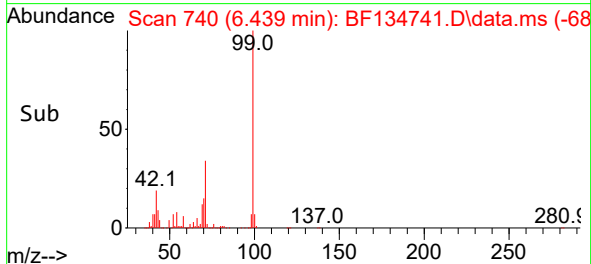
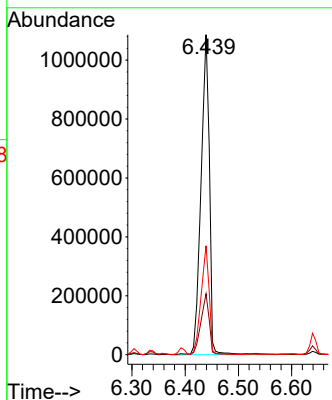
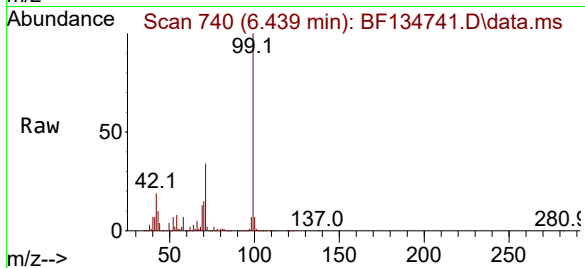




#7
Phenol-d6
Concen: 71.467 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

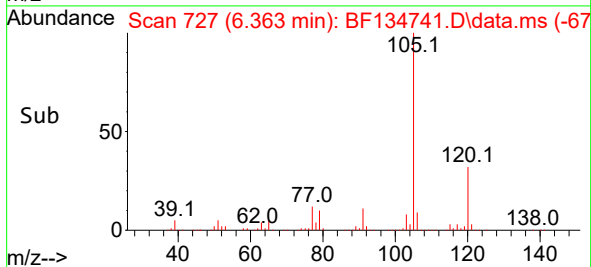
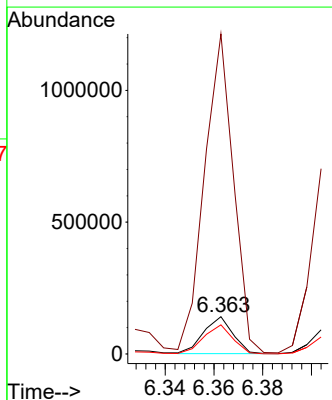
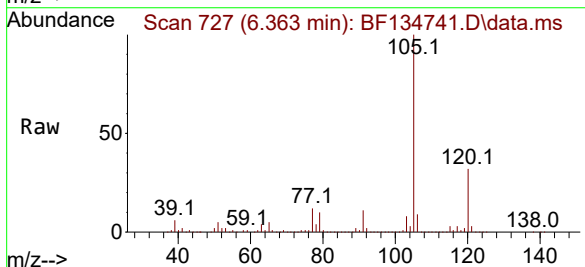
Instrument :
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ClientSampleId :
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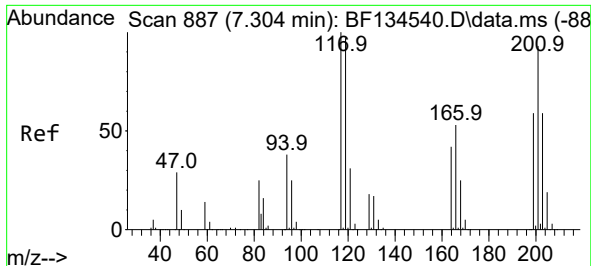
Tgt Ion: 99 Resp: 1180901
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.0 36.4 54.6#



#9
Benzaldehyde
Concen: 10.931 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion: 77 Resp: 116486
Ion Ratio Lower Upper
77 100
105 858.7 77.1 117.1#
106 78.2 71.4 111.4

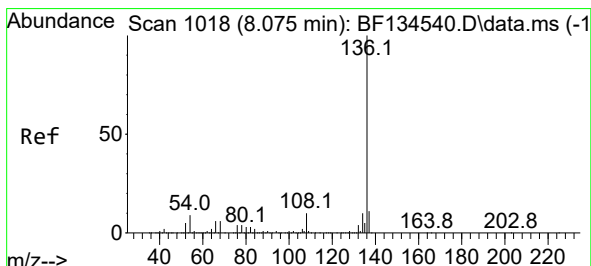
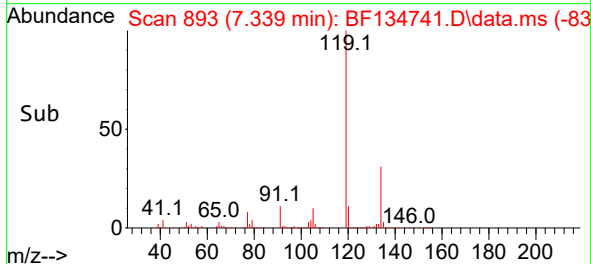
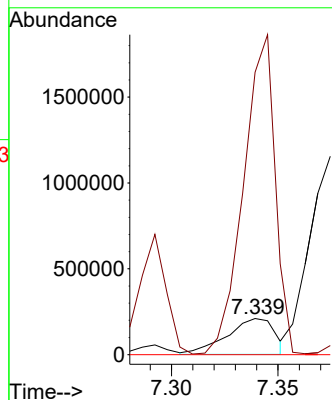
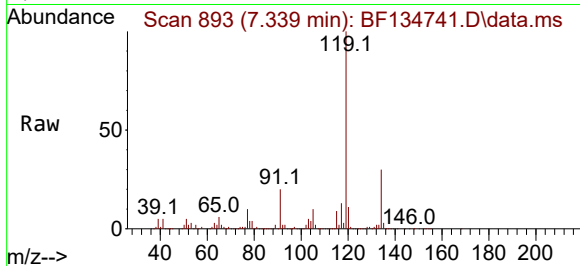




#18
Hexachloroethane
Concen: 68.437 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

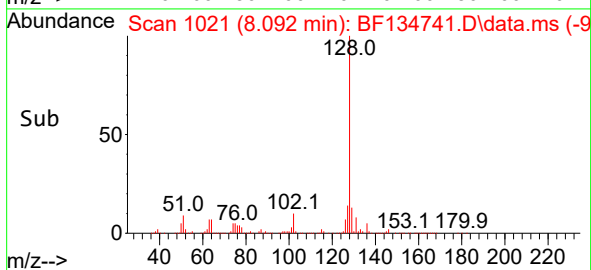
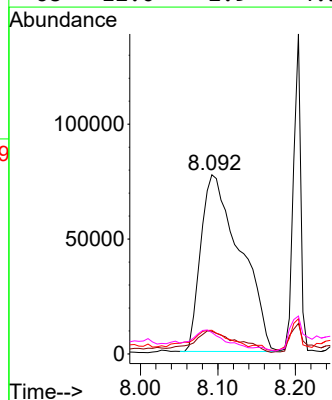
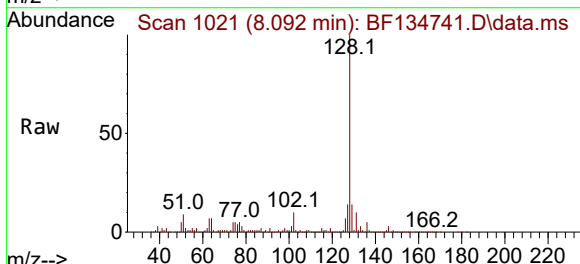
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

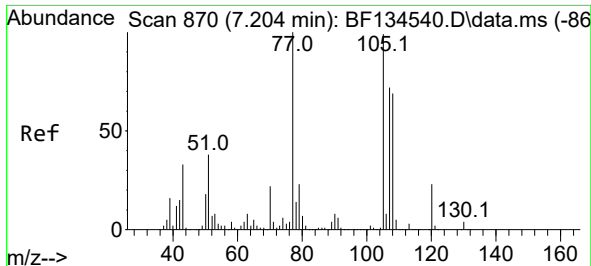
Tgt Ion:117 Resp: 324764
Ion Ratio Lower Upper
117 100
119 780.8 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:136 Resp: 273208
Ion Ratio Lower Upper
136 100
137 12.7 8.4 12.6#
54 13.3 5.2 7.8#
68 12.0 2.9 4.3#

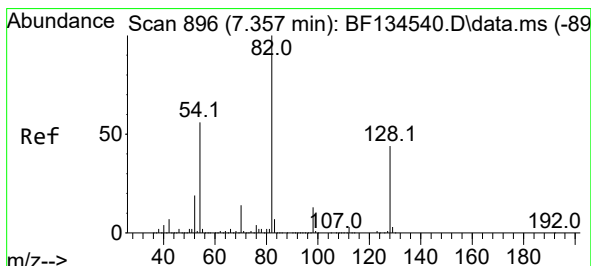
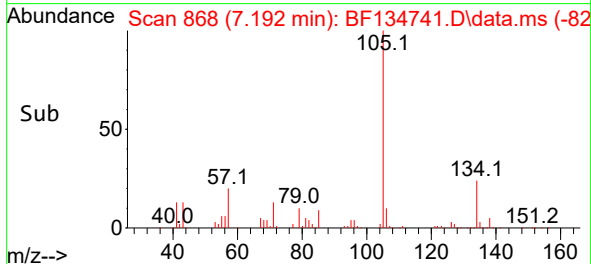
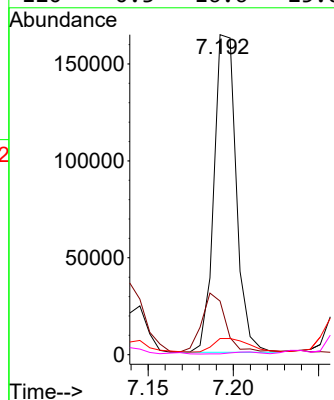
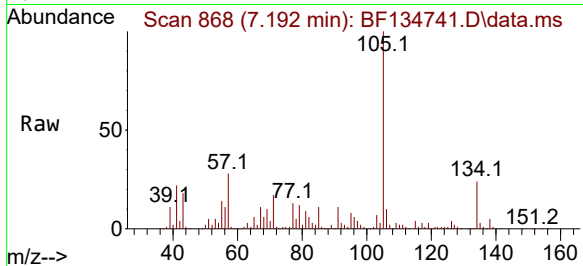




#22
Acetophenone
Concen: 23.604 ng
RT: 7.192 min Scan# 810
Delta R.T. -0.024 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

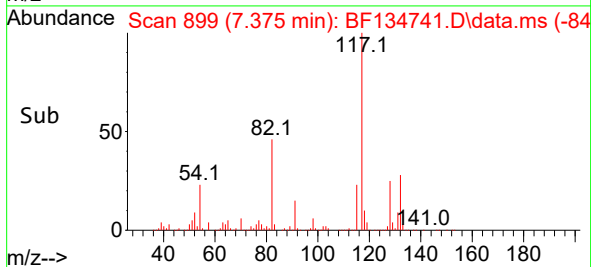
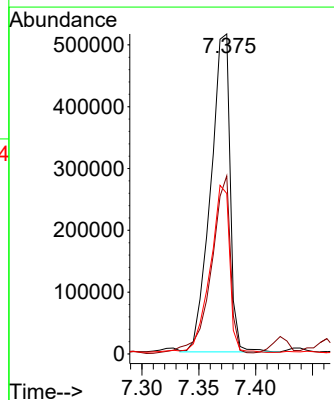
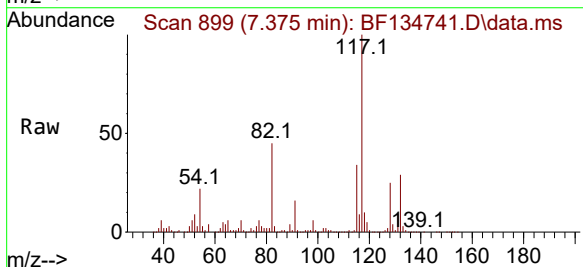
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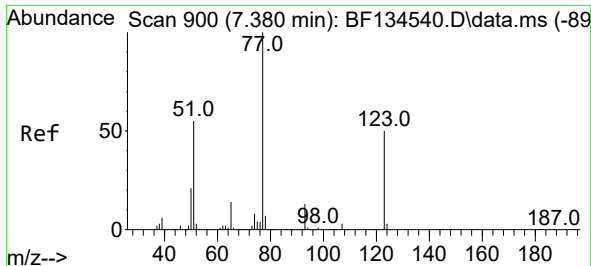
Tgt Ion:105 Resp: 148878
Ion Ratio Lower Upper
105 100
71 16.8 7.4 11.0#
51 5.1 36.4 54.6#
120 0.3 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 140.034 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion: 82 Resp: 612205
Ion Ratio Lower Upper
82 100
128 55.6 34.3 51.5#
54 50.2 43.8 65.6

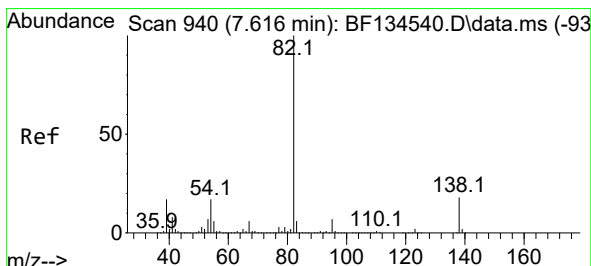
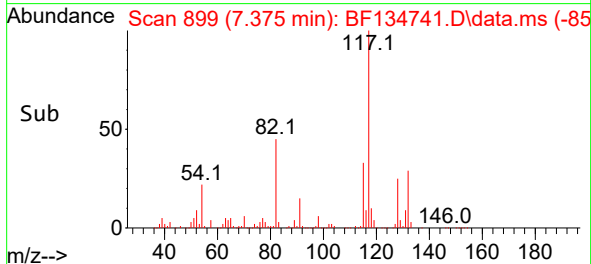
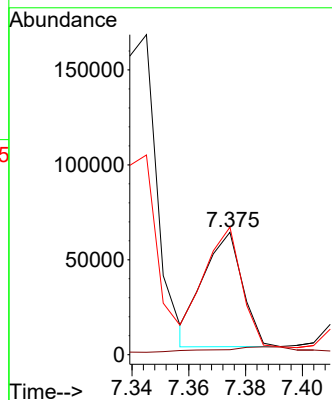
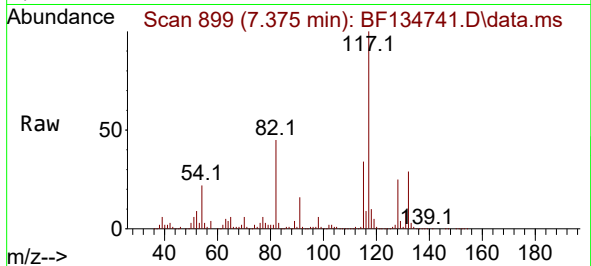




#24
Nitrobenzene
Concen: 12.227 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

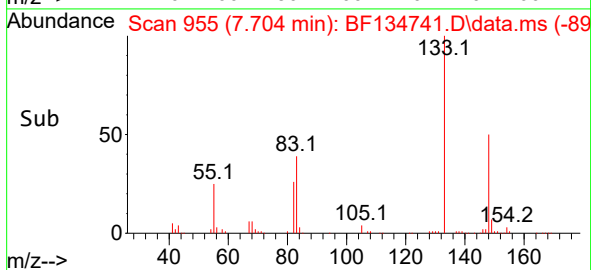
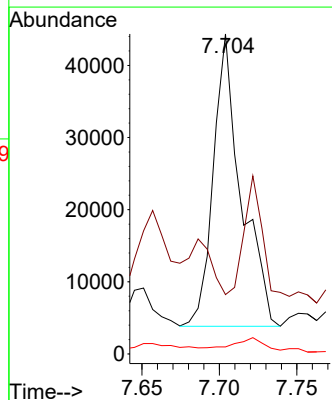
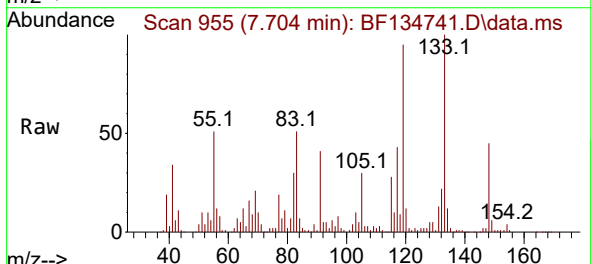
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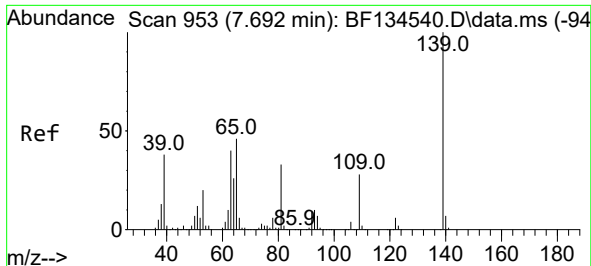
Tgt Ion: 77 Resp: 57749
Ion Ratio Lower Upper
77 100
123 4.0 35.5 53.3#
65 104.1 11.9 17.9#



#25
Isophorone
Concen: 5.304 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.076 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion: 82 Resp: 50579
Ion Ratio Lower Upper
82 100
95 18.6 6.0 9.0#
138 2.2 14.6 22.0#

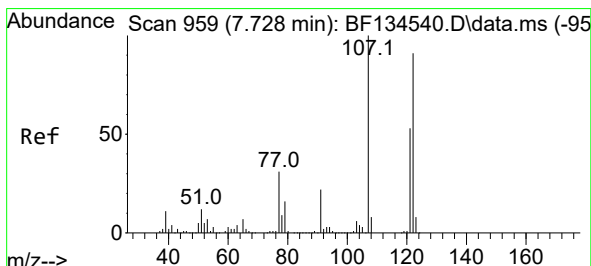
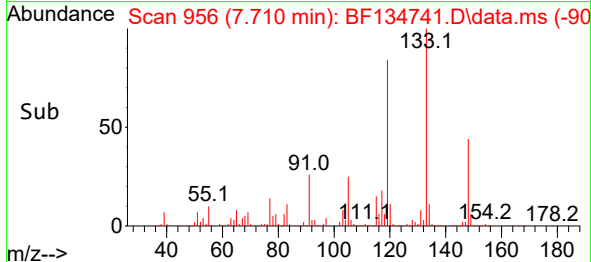
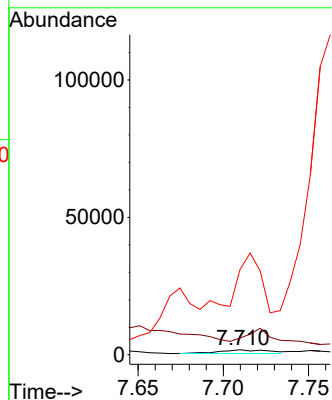
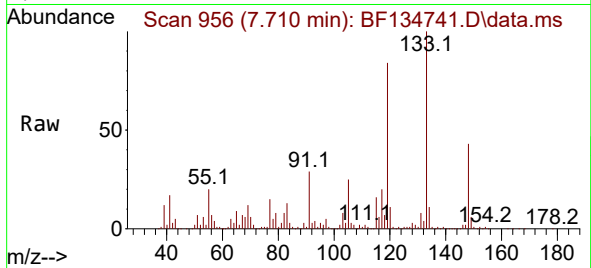




#26
2-Nitrophenol
Concen: 6.009 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

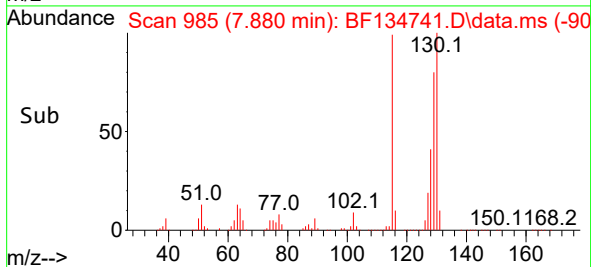
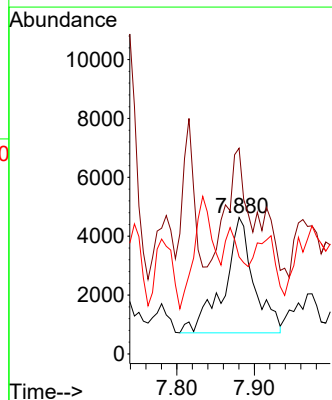
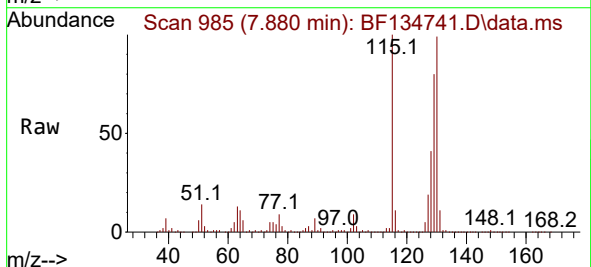
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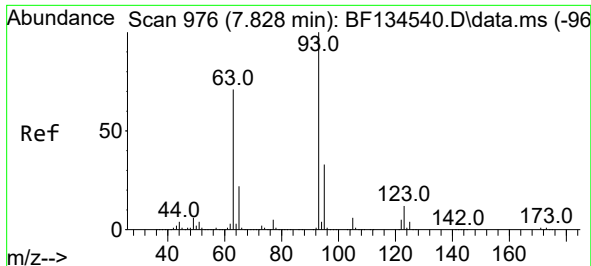
Tgt Ion:139 Resp: 2716
Ion Ratio Lower Upper
139 100
109 329.8 29.8 44.6#
65 1694.3 45.4 68.2#



#27
2,4-Dimethylphenol
Concen: 2.455 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.147 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:122 Resp: 10447
Ion Ratio Lower Upper
122 100
107 150.7 106.7 160.1
121 71.2 49.0 73.6

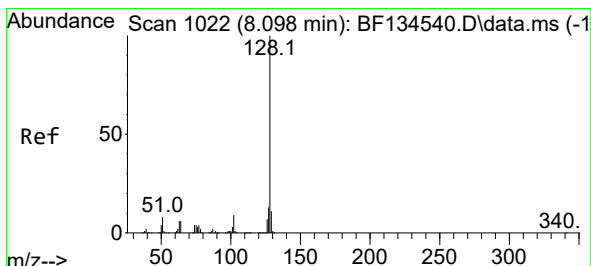
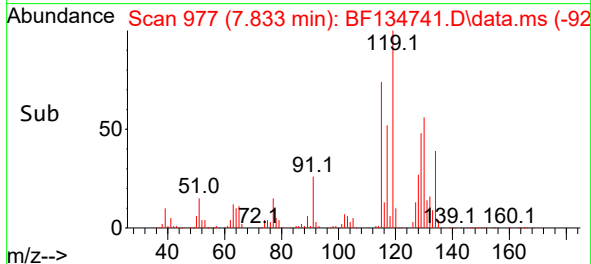
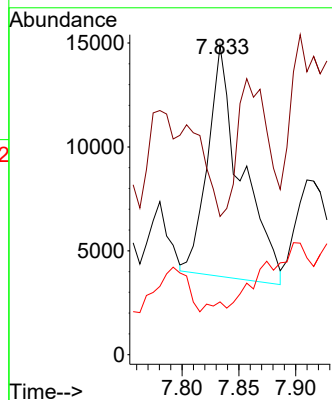
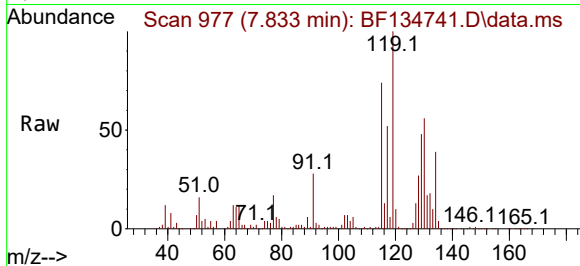




#28
bis(2-Chloroethoxy)methane
Concen: 3.997 ng
RT: 7.833 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

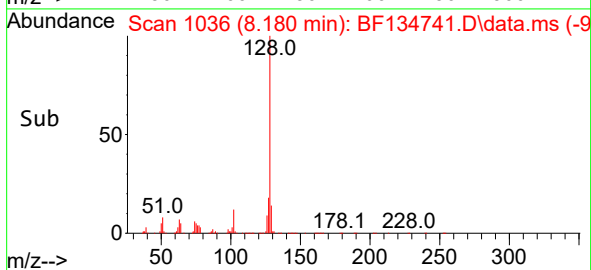
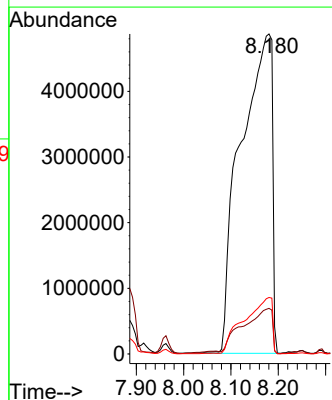
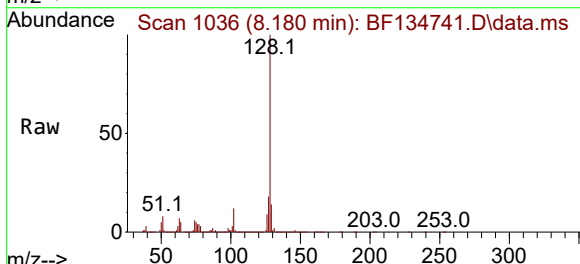
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

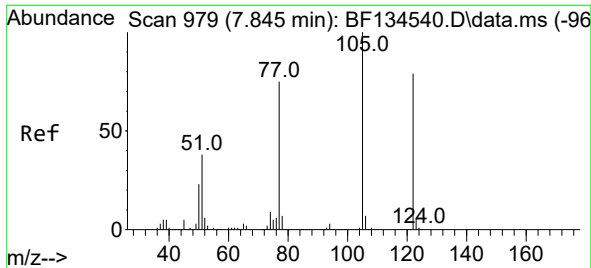
Tgt Ion: 93 Resp: 22800
Ion Ratio Lower Upper
93 100
95 44.8 26.5 39.7#
123 17.1 9.6 14.4#



#31
Naphthalene
Concen: 1628.268 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.076 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion: 128 Resp: 22357627
Ion Ratio Lower Upper
128 100
129 14.2 8.4 12.6#
127 17.6 10.7 16.1#

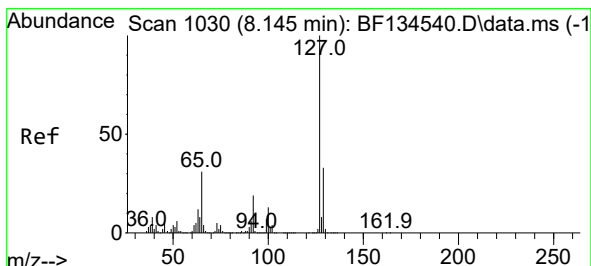
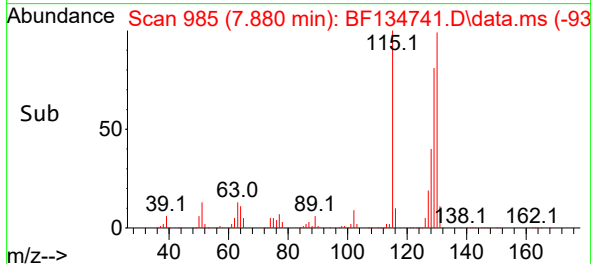
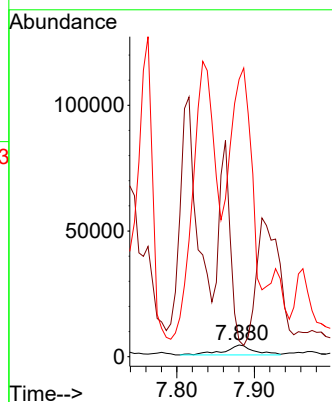
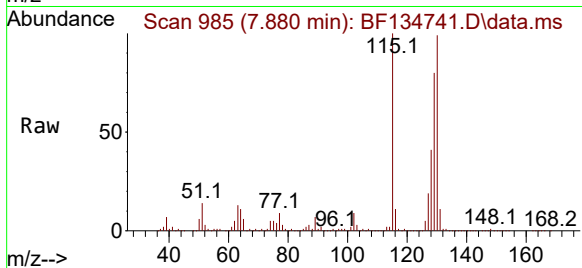




#32
Benzoic acid
Concen: 11.014 ng
RT: 7.880 min Scan# 91
Delta R.T. 0.017 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

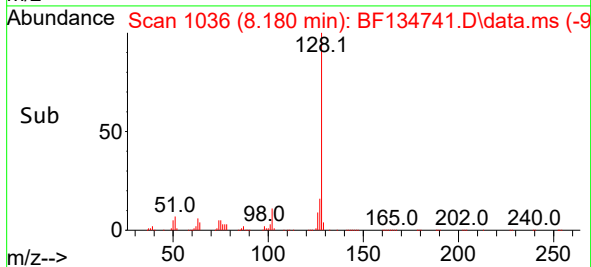
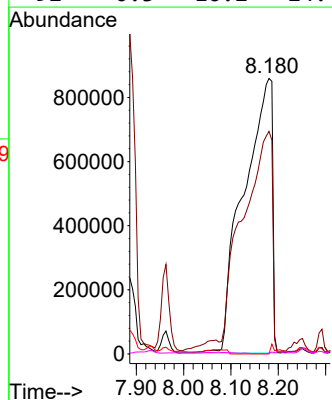
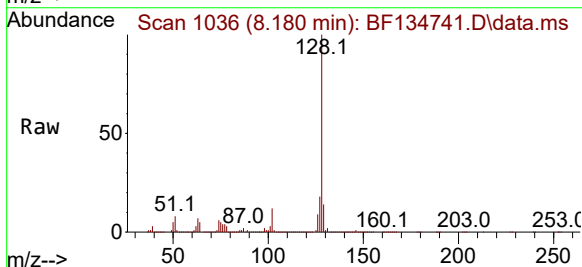
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

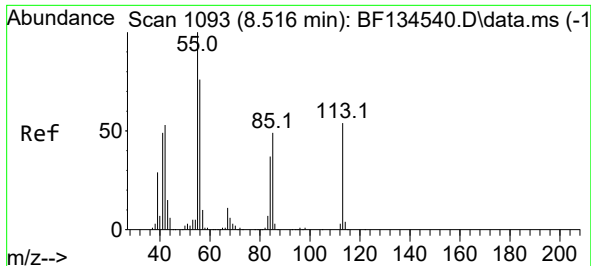
Tgt Ion:122 Resp: 10447
Ion Ratio Lower Upper
122 100
105 137.6 87.5 127.5#
77 2379.3 71.4 111.4#



#33
4-Chloroaniline
Concen: 585.143 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:127 Resp: 3579970
Ion Ratio Lower Upper
127 100
129 80.8 25.6 38.4#
65 0.0 25.4 38.0#
92 0.3 16.2 24.4#

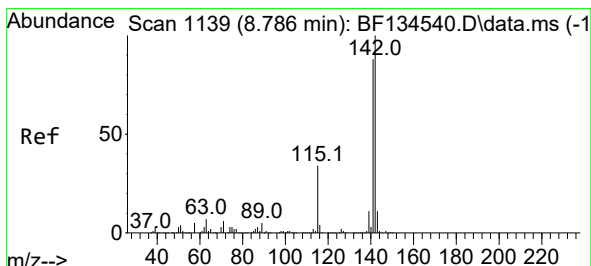
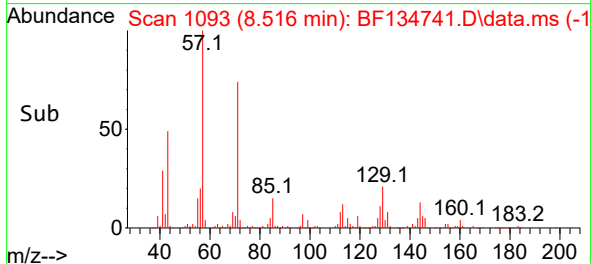
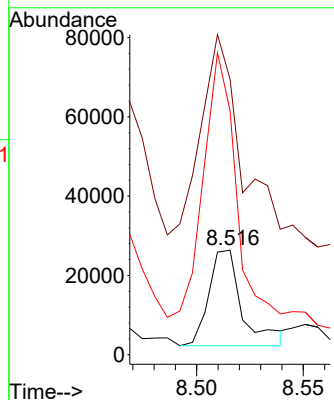
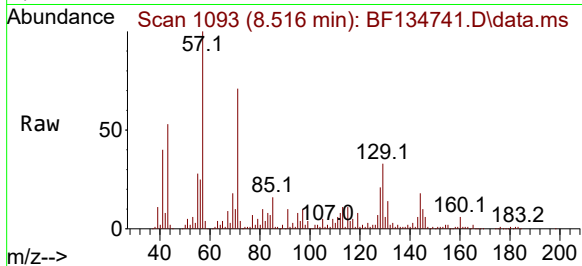




#35
 Caprolactam
 Concen: 21.155 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.018 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

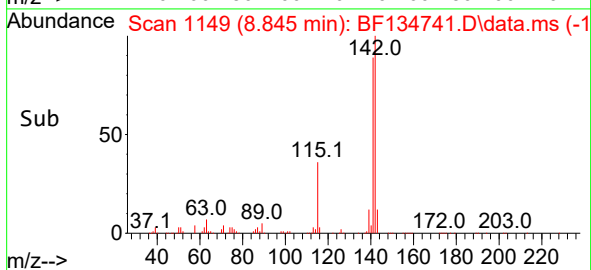
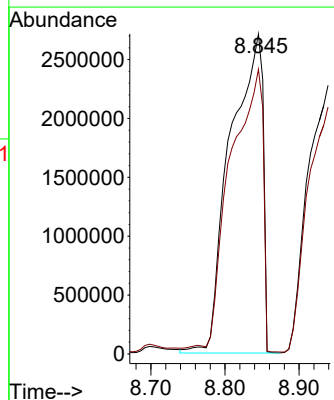
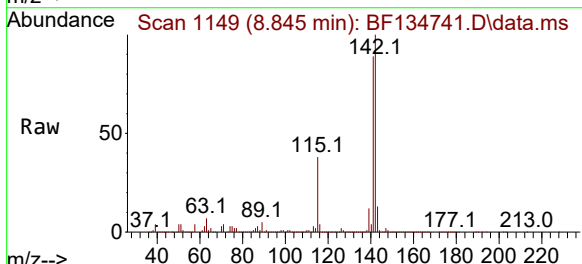
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z37-39

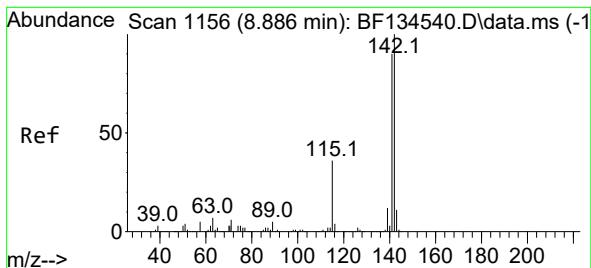
Tgt Ion:113 Resp: 26356
 Ion Ratio Lower Upper
 113 100
 55 263.5 161.5 201.5#
 56 233.2 117.8 157.8#



#37
 2-Methylnaphthalene
 Concen: 904.517 ng
 RT: 8.845 min Scan# 1149
 Delta R.T. 0.053 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

Tgt Ion:142 Resp: 8232352
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2





#38

1-Methylnaphthalene

Concen: 714.626 ng

RT: 8.945 min Scan# 1156

Delta R.T. 0.053 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Instrument :

BNA_F

ClientSampleId :

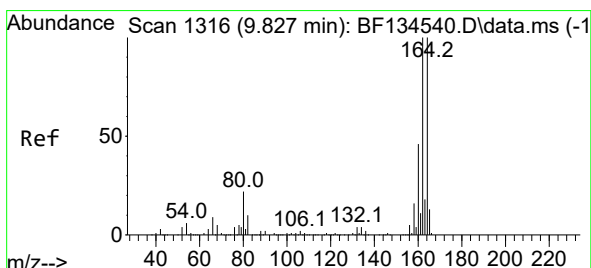
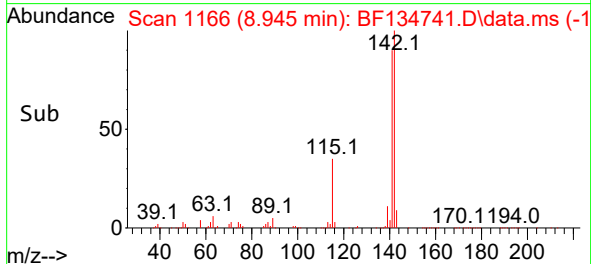
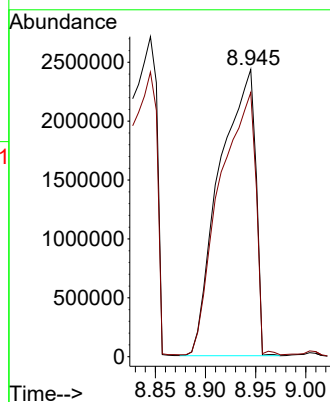
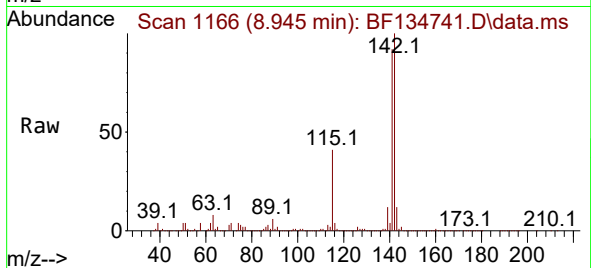
NEVINS-SB02-Z37-39

Tgt Ion:142 Resp: 6048096

Ion Ratio Lower Upper

142 100

141 92.0 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.012 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

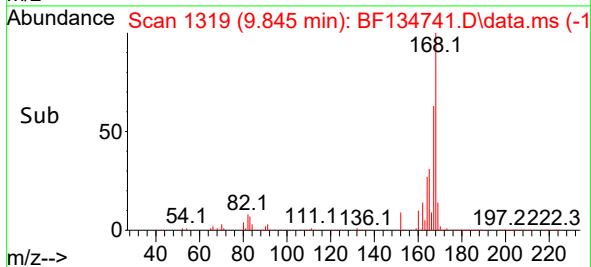
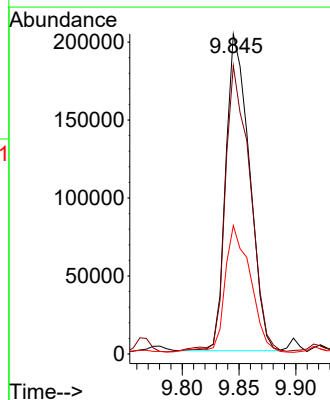
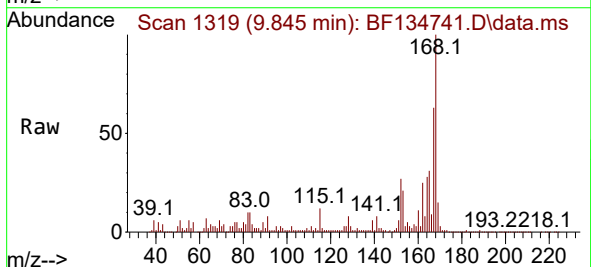
Tgt Ion:164 Resp: 294891

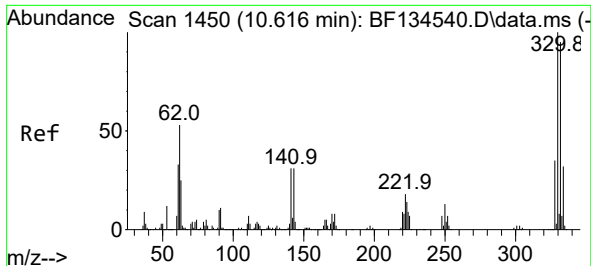
Ion Ratio Lower Upper

164 100

162 90.1 82.6 123.8

160 40.1 37.2 55.8

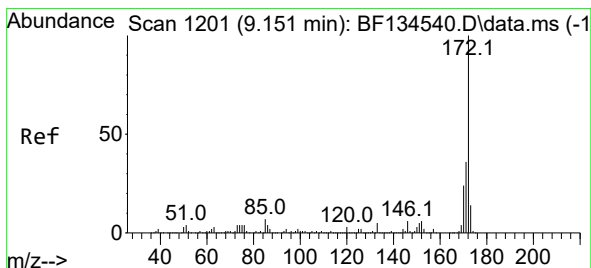
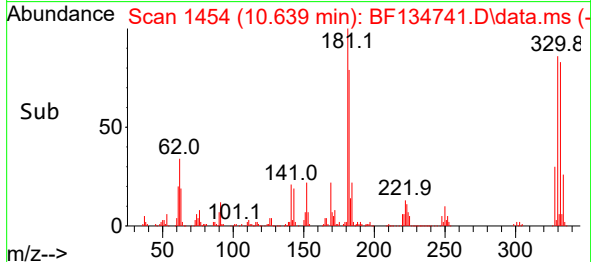
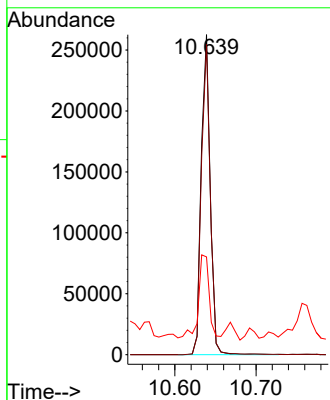
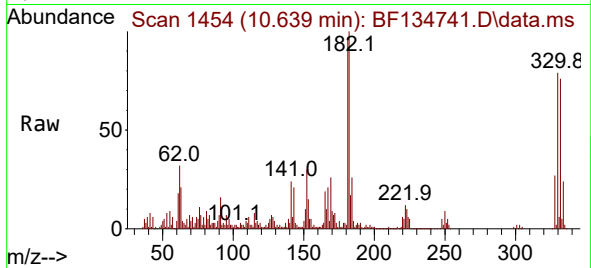




#42
2,4,6-Tribromophenol
Concen: 67.014 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

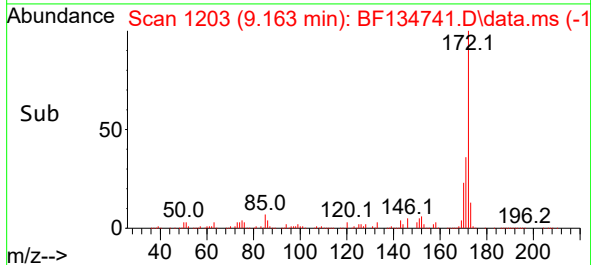
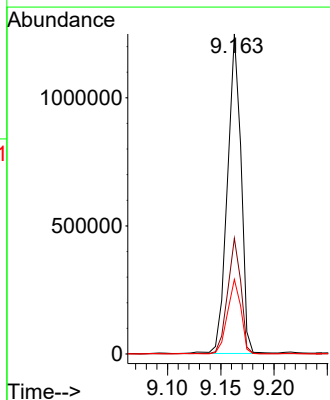
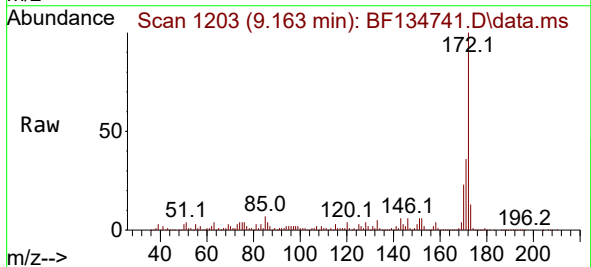
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

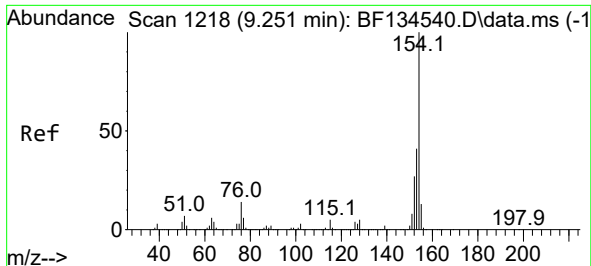
Tgt Ion:330 Resp: 201452
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 30.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.514 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:172 Resp: 1108728
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.3 18.7 28.1

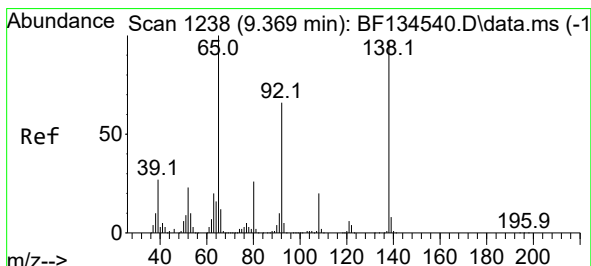
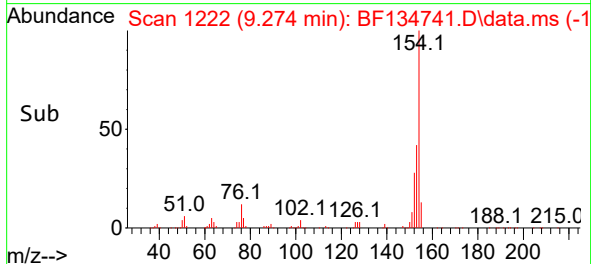
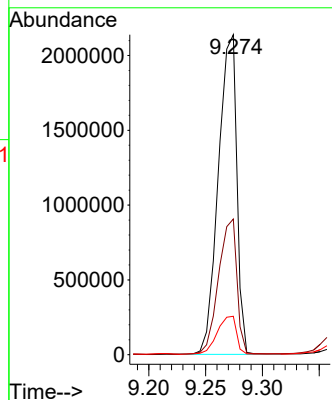
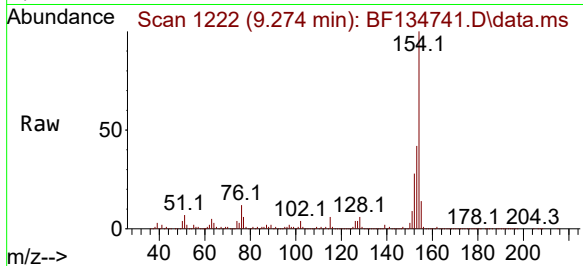




#46
1,1'-Biphenyl
Concen: 105.920 ng
RT: 9.274 min Scan# 1222
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

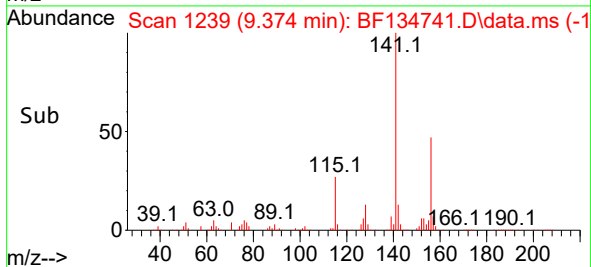
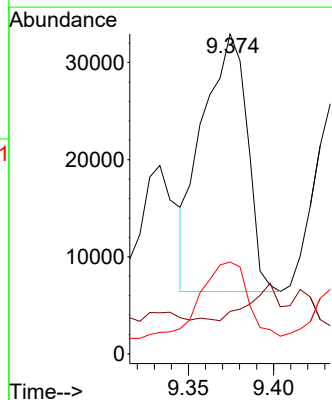
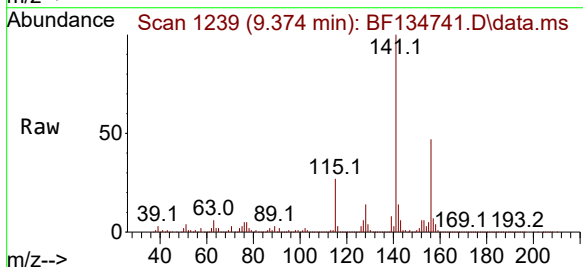
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

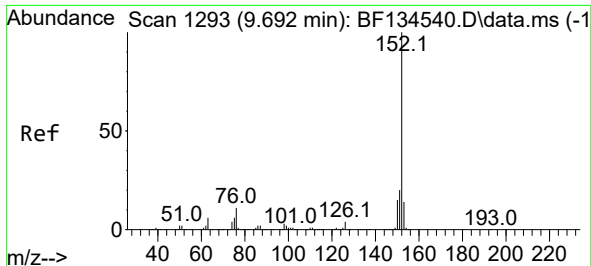
Tgt Ion:154 Resp: 2428918
Ion Ratio Lower Upper
154 100
153 42.4 20.8 60.8
76 12.0 0.0 30.2



#48
2-Nitroaniline
Concen: 11.618 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion: 65 Resp: 48476
Ion Ratio Lower Upper
65 100
92 13.3 50.7 76.1#
138 28.7 78.2 117.4#

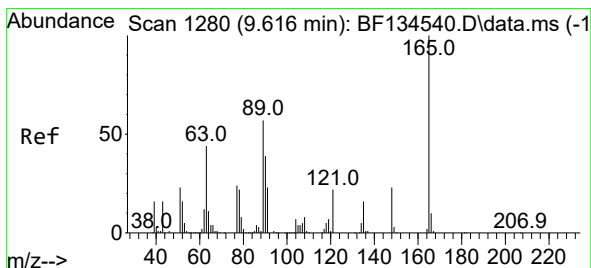
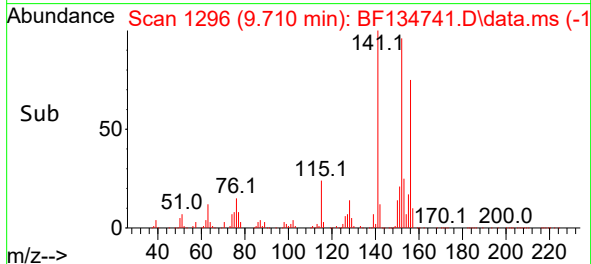
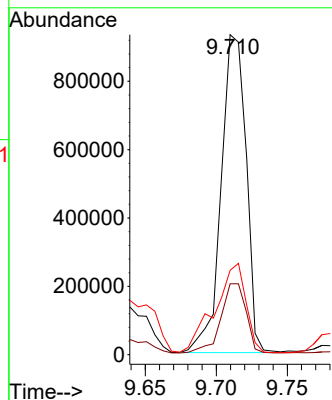
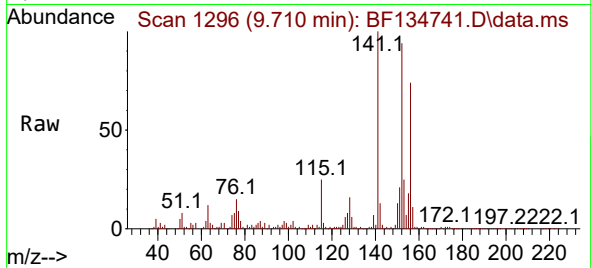




#49
Acenaphthylene
Concen: 42.181 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

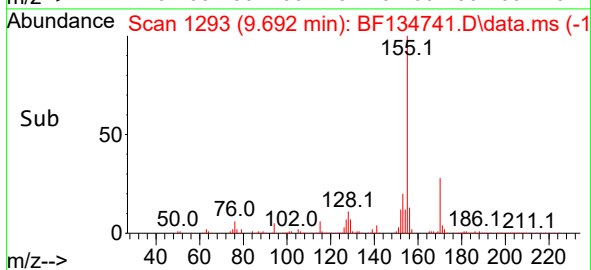
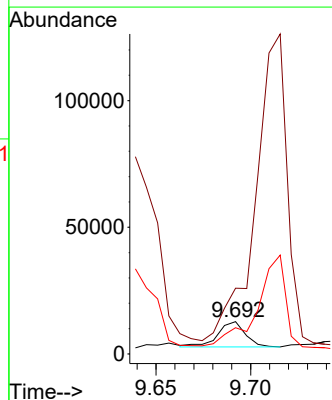
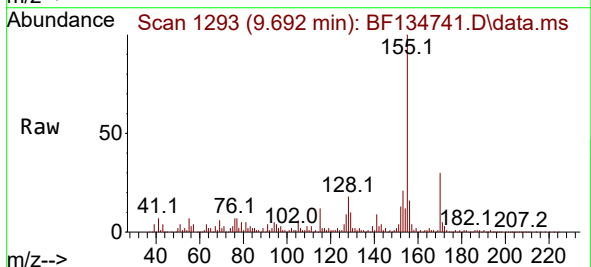
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

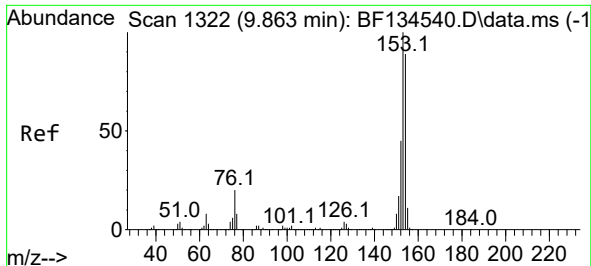
Tgt Ion:152 Resp: 1139292
Ion Ratio Lower Upper
152 100
151 22.2 16.4 24.6
153 26.3 10.9 16.3#



#51
2,6-Dinitrotoluene
Concen: 4.821 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.065 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:165 Resp: 10100
Ion Ratio Lower Upper
165 100
63 203.1 57.8 86.6#
89 81.1 51.8 77.8#

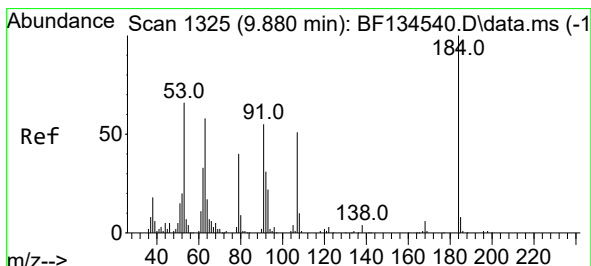
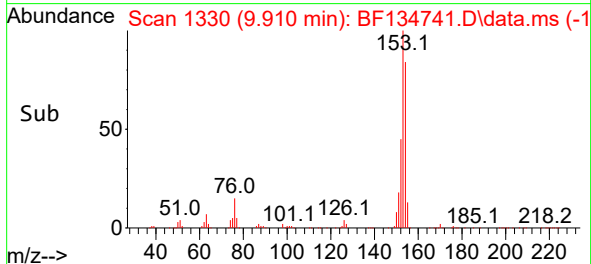
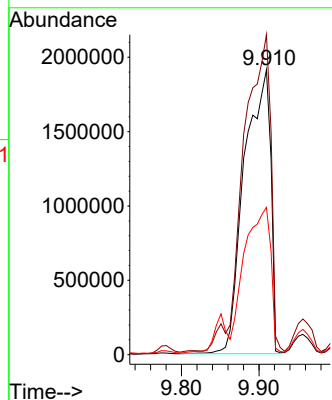
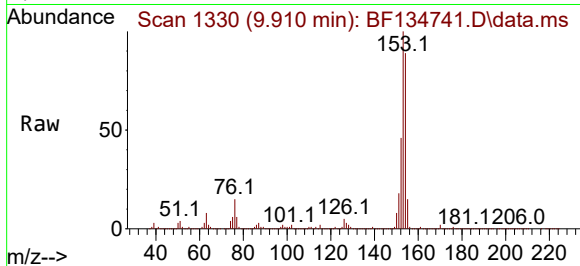




#52
Acenaphthene
Concen: 254.446 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.035 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

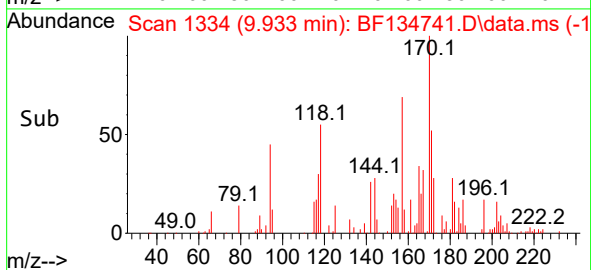
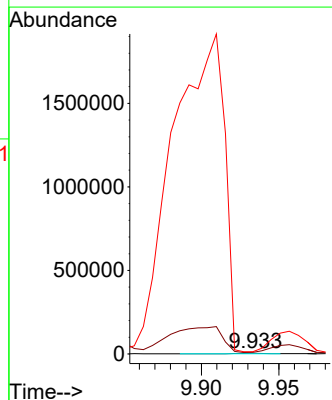
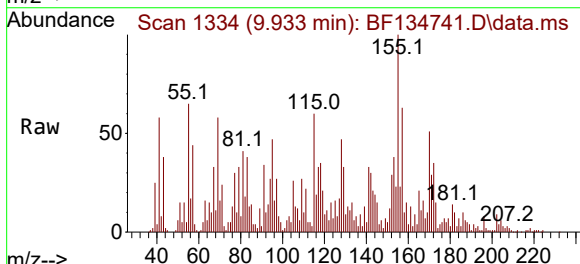
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

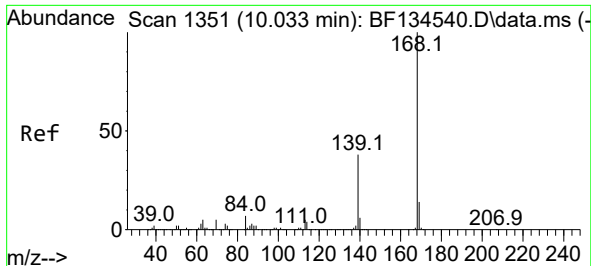
Tgt Ion:154 Resp: 4453638
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 51.7 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 10.260 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.035 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:184 Resp: 4337
Ion Ratio Lower Upper
184 100
63 230.9 57.1 85.7#
154 336.2 59.1 88.7#

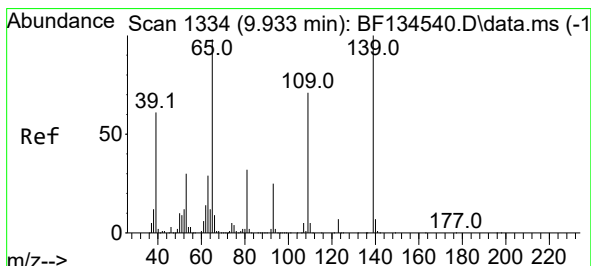
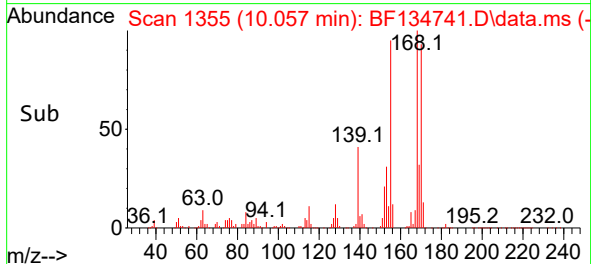
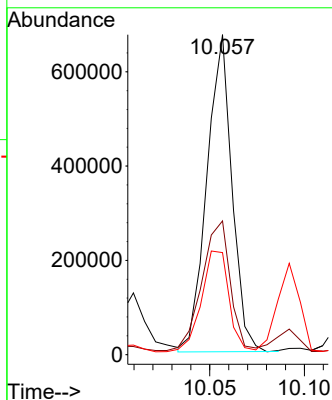
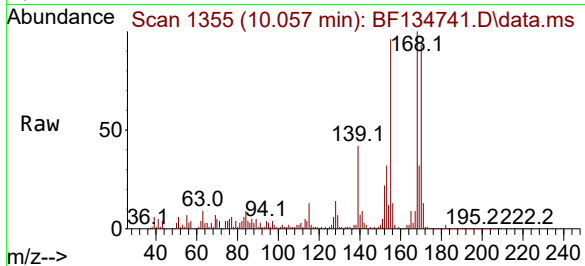




#55
Dibenzenofuran
Concen: 24.847 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

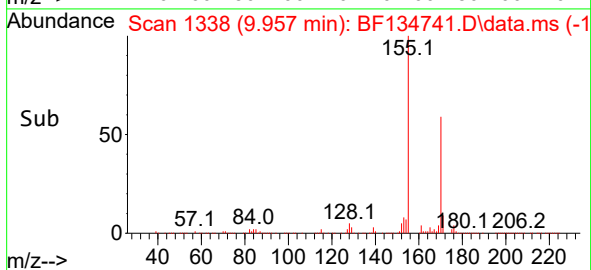
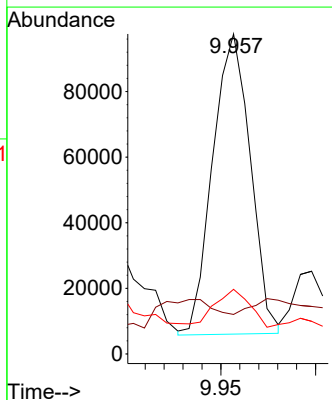
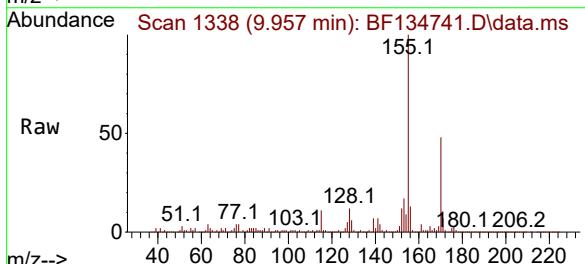
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

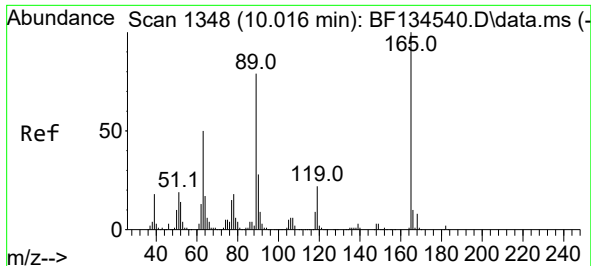
Tgt Ion:168 Resp: 619099
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.2
169 31.9 10.6 15.8#



#56
4-Nitrophenol
Concen: 34.513 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:139 Resp: 126454
Ion Ratio Lower Upper
139 100
109 12.3 76.9 116.9#
65 20.2 98.5 138.5#

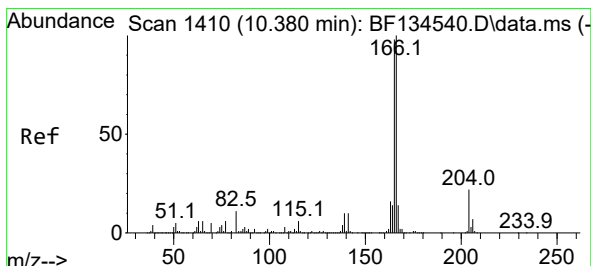
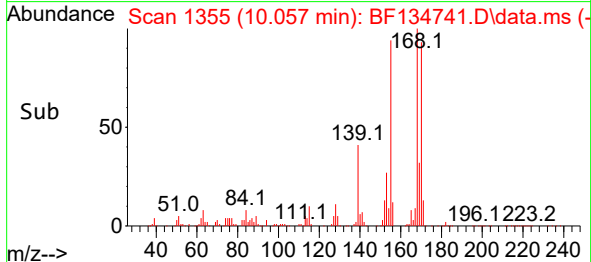
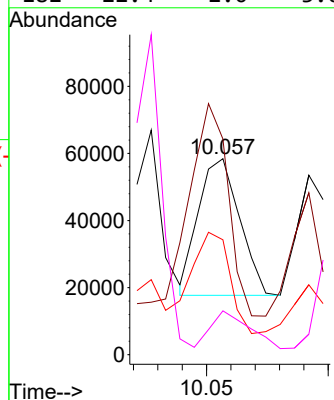
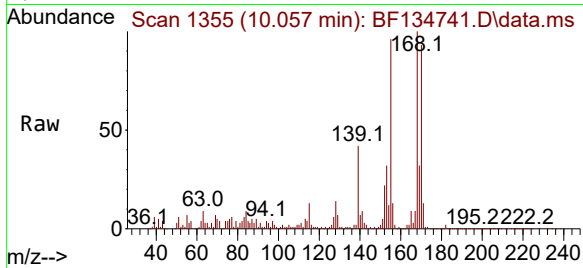




#57
2,4-Dinitrotoluene
Concen: 11.921 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

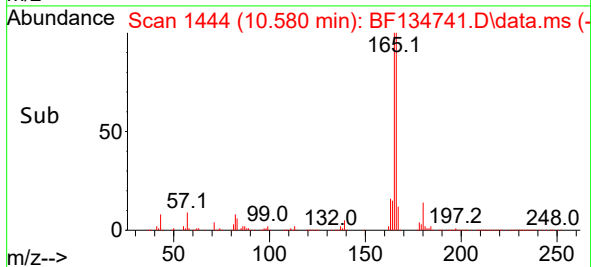
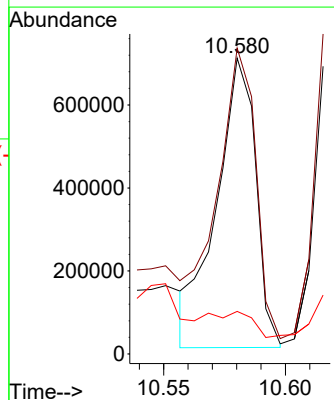
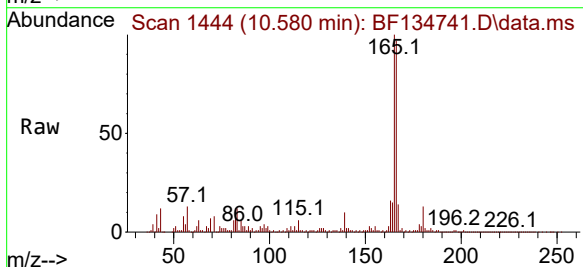
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

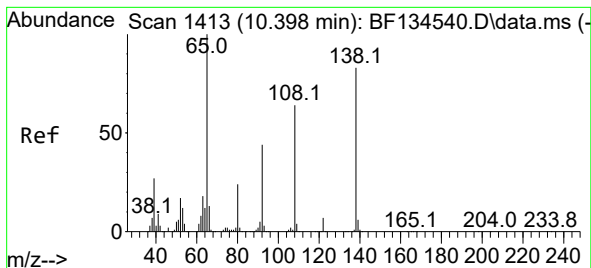
Tgt Ion:165 Resp: 47963
Ion Ratio Lower Upper
165 100
63 110.1 48.9 73.3#
89 58.6 61.7 92.5#
182 22.4 2.0 3.0#



#58
Fluorene
Concen: 42.981 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.194 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:166 Resp: 780069
Ion Ratio Lower Upper
166 100
165 103.4 74.5 111.7
167 14.4 10.6 16.0

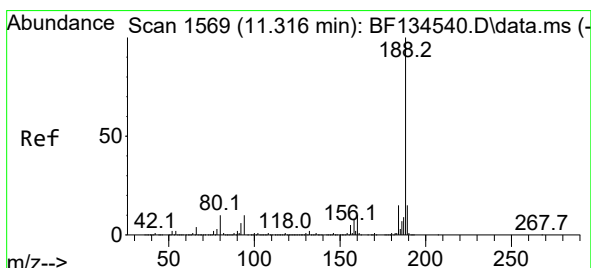
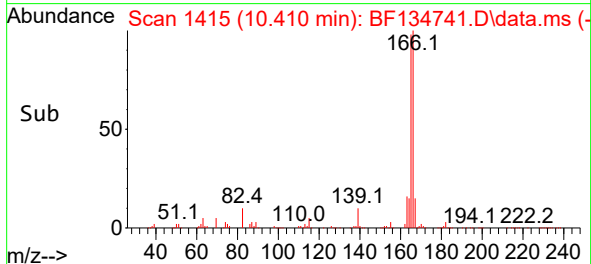
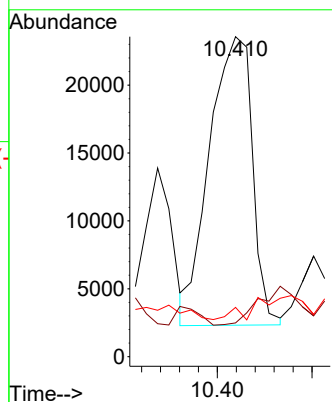
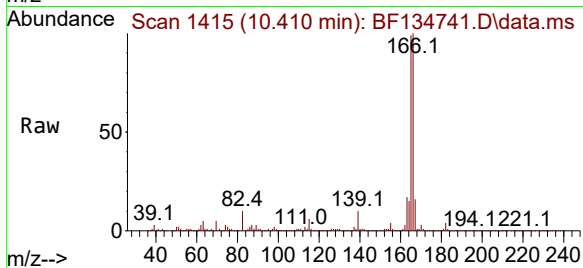




#62
4-Nitroaniline
Concen: 7.607 ng
RT: 10.410 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

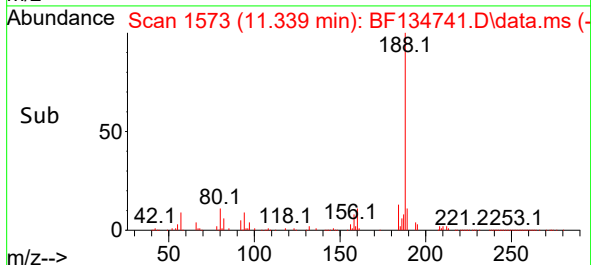
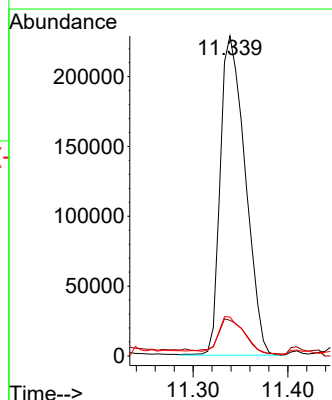
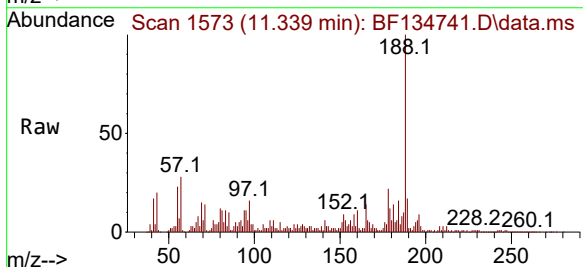
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

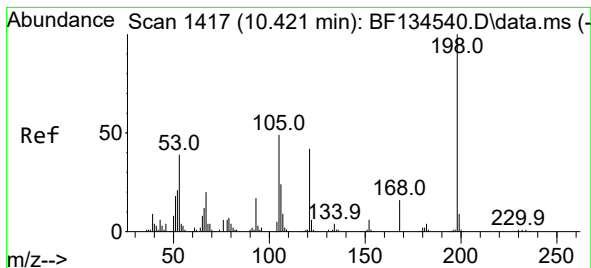
Tgt Ion:138 Resp: 33400
Ion Ratio Lower Upper
138 100
92 10.6 27.0 67.0#
108 15.4 70.4 110.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.017 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:188 Resp: 418028
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 12.1 6.6 9.8#

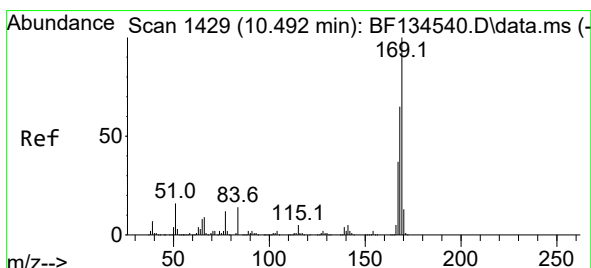
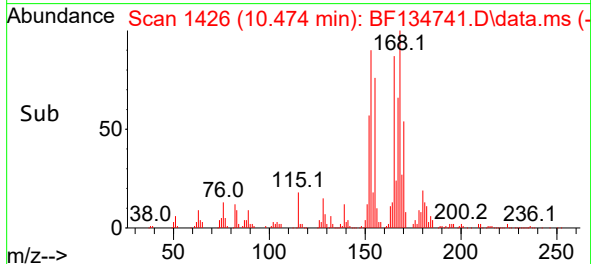
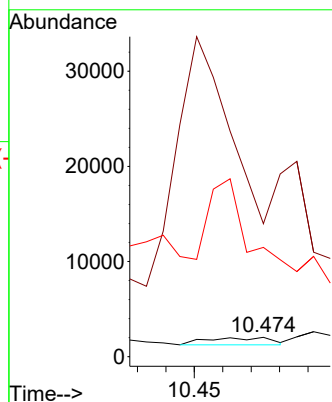
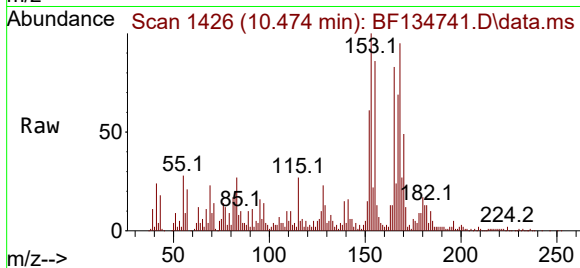




#65
4,6-Dinitro-2-methylphenol
Concen: 9.263 ng
RT: 10.474 min Scan# 1417
Delta R.T. 0.035 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

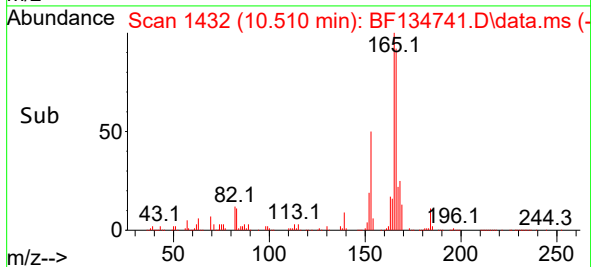
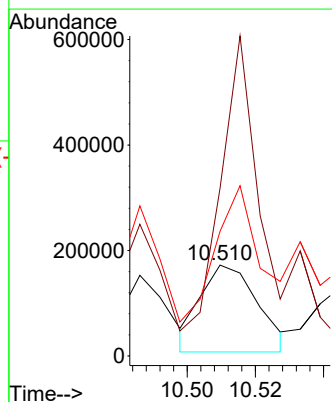
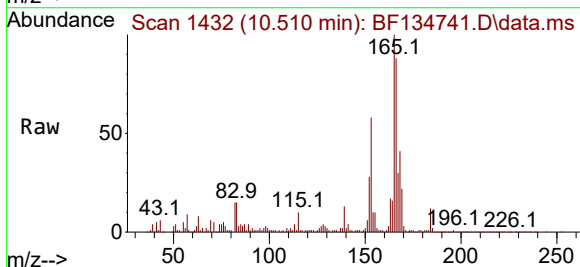
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

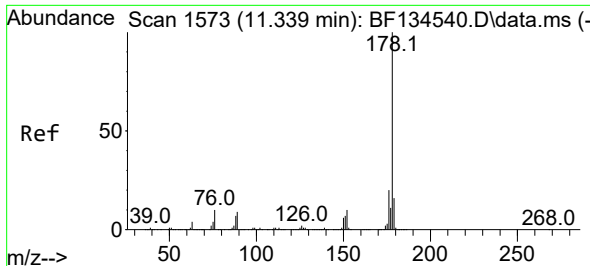
Tgt Ion:198 Resp: 1165
Ion Ratio Lower Upper
198 100
51 686.4 38.6 78.6#
105 564.1 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 14.339 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:169 Resp: 190787
Ion Ratio Lower Upper
169 100
168 184.4 52.6 78.8#
167 137.2 29.8 44.8#

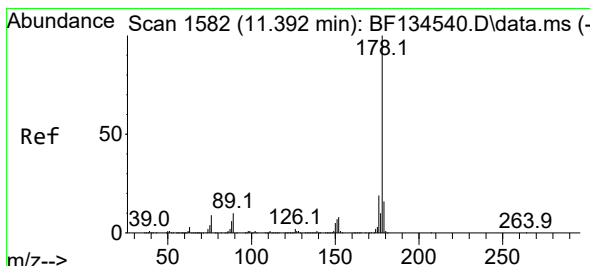
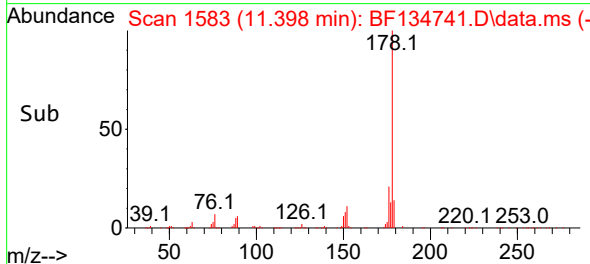
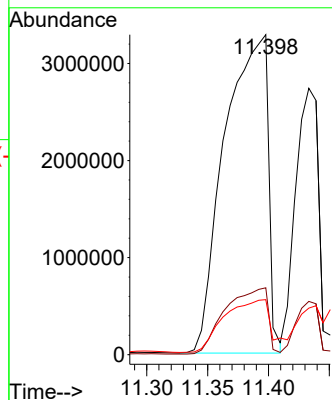
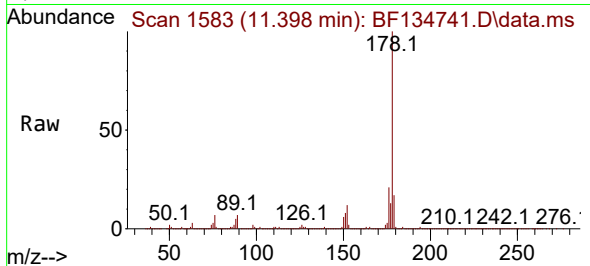




#71
Phenanthrene
Concen: 365.500 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.047 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

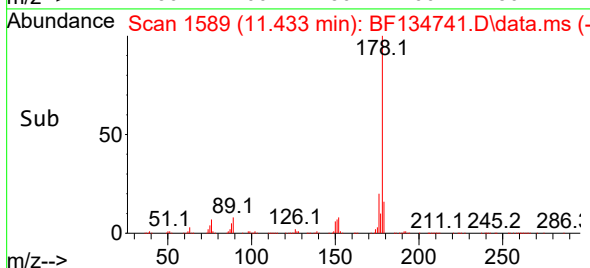
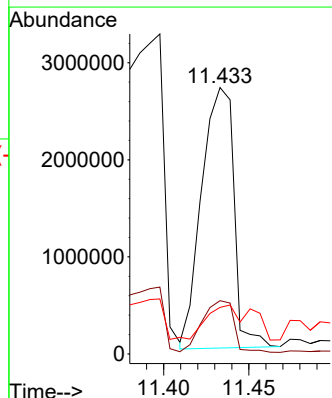
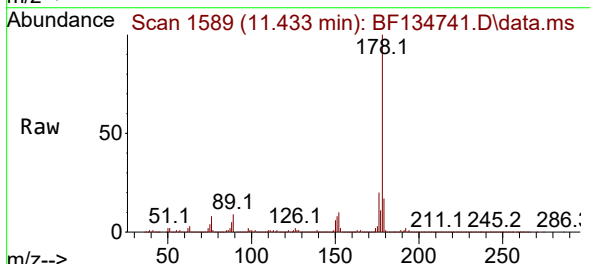
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

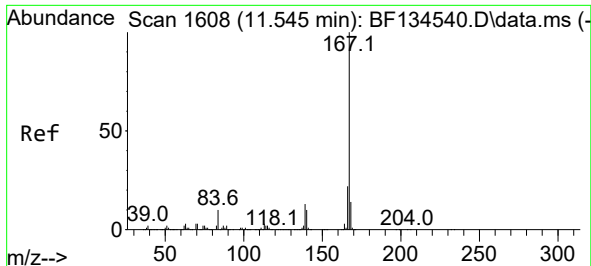
Tgt Ion:178 Resp: 8115539
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 17.2 12.7 19.1



#72
Anthracene
Concen: 155.909 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:178 Resp: 3536050
Ion Ratio Lower Upper
178 100
176 20.0 14.6 21.8
179 17.5 12.3 18.5

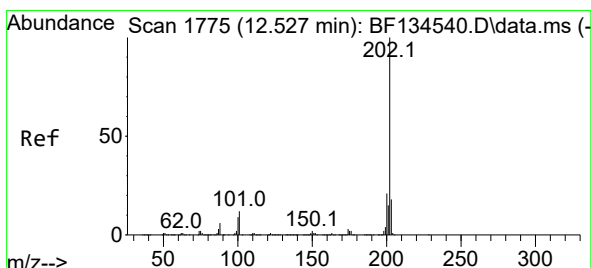
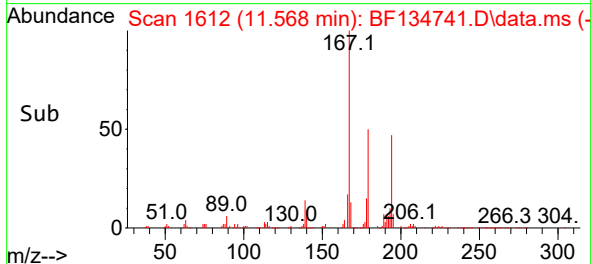
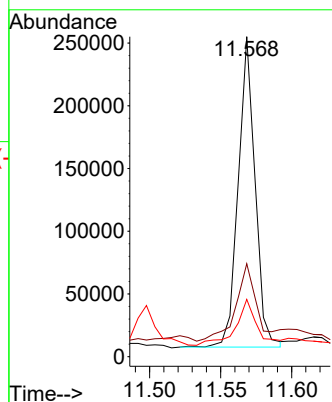
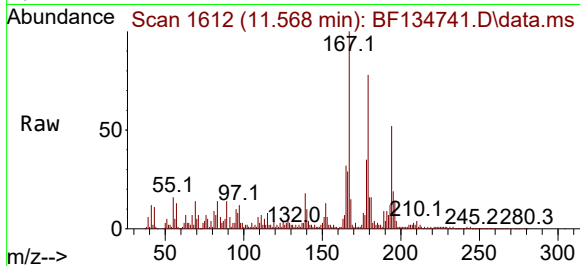




#73
 Carbazole
 Concen: 10.109 ng
 RT: 11.568 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

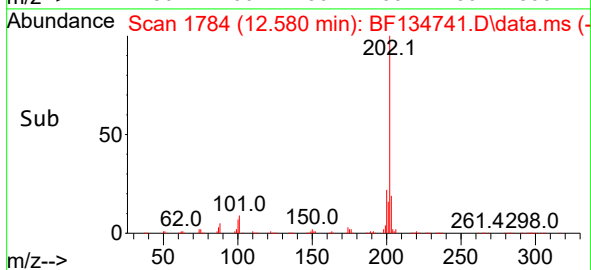
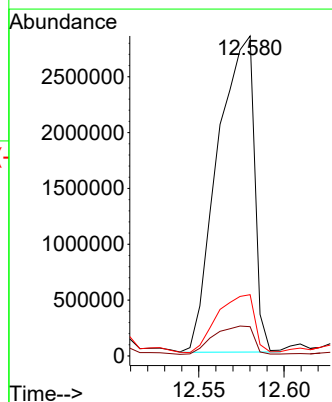
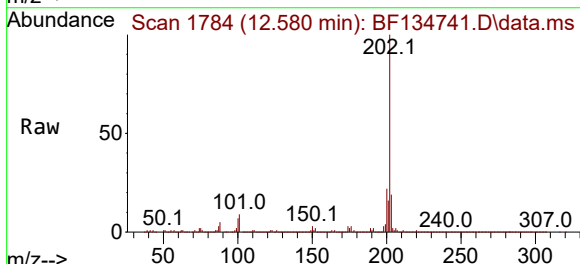
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z37-39

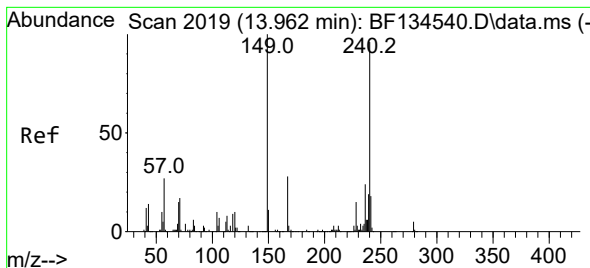
Tgt Ion:167 Resp: 204712
 Ion Ratio Lower Upper
 167 100
 166 29.0 17.5 26.3#
 139 17.9 11.0 16.4#



#75
 Fluoranthene
 Concen: 180.508 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.041 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

Tgt Ion:202 Resp: 4233698
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 28.5
 203 19.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z37-39

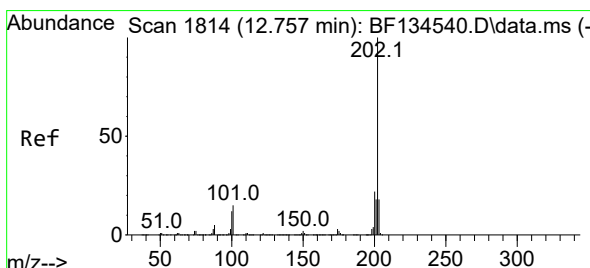
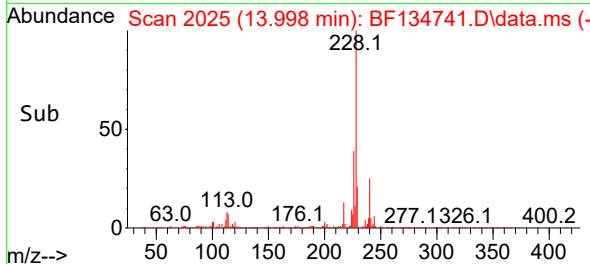
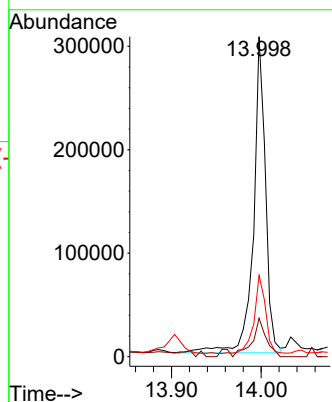
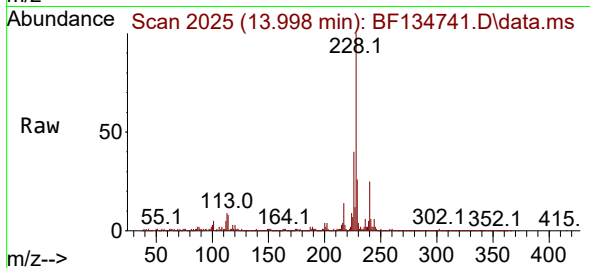
Tgt Ion:240 Resp: 284446

Ion Ratio Lower Upper

240 100

120 12.0 6.6 10.0#

236 25.4 20.2 30.2



#78

Pyrene

Concen: 95.343 ng

RT: 12.662 min Scan# 1798

Delta R.T. -0.106 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

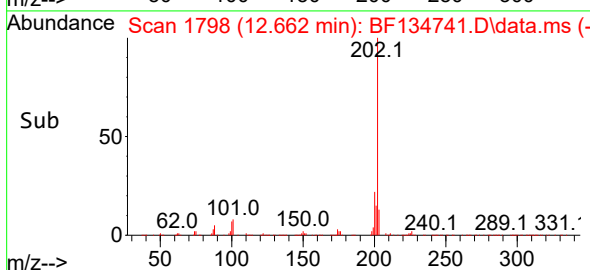
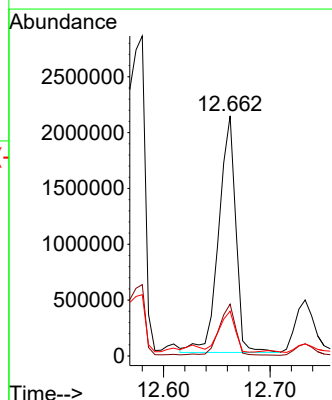
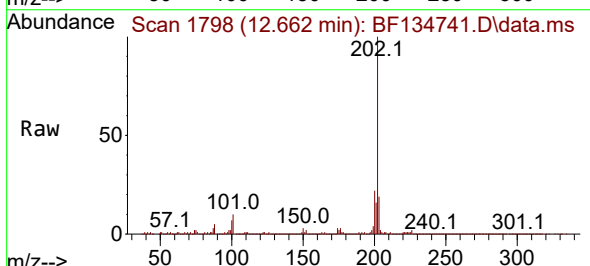
Tgt Ion:202 Resp: 2346729

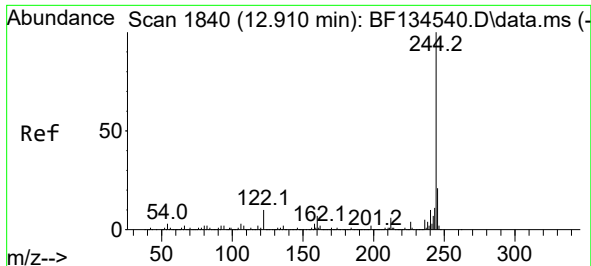
Ion Ratio Lower Upper

202 100

200 21.6 15.8 23.8

203 18.7 13.5 20.3

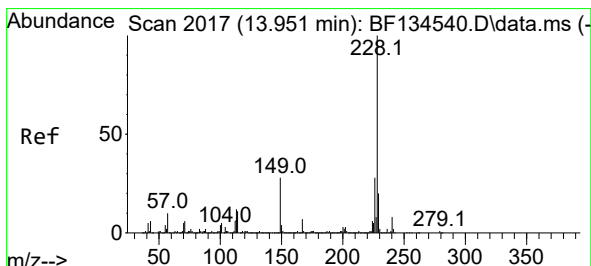
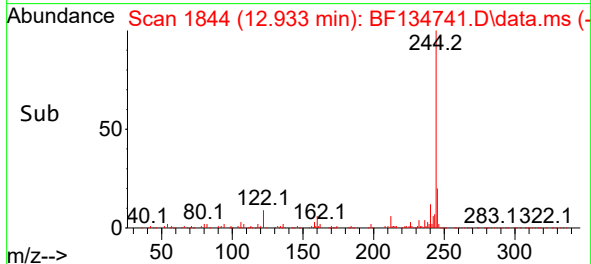
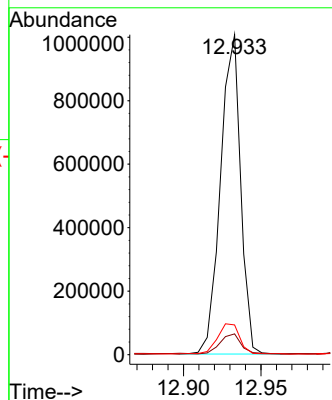
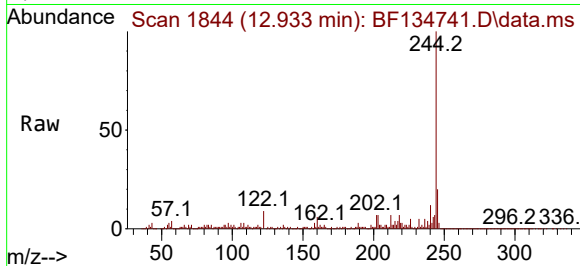




#79
 Terphenyl-d14
 Concen: 56.167 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.012 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

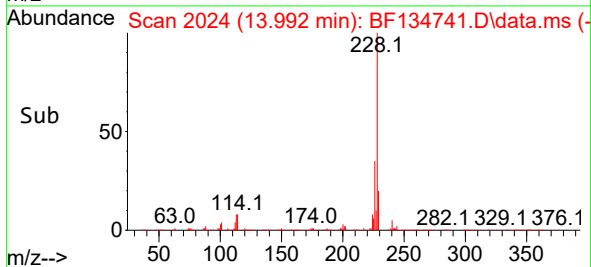
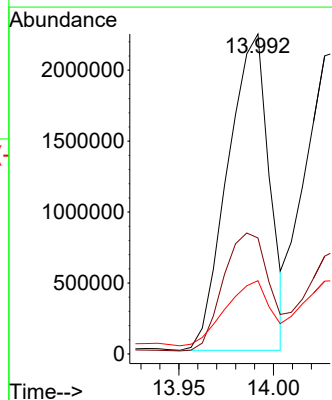
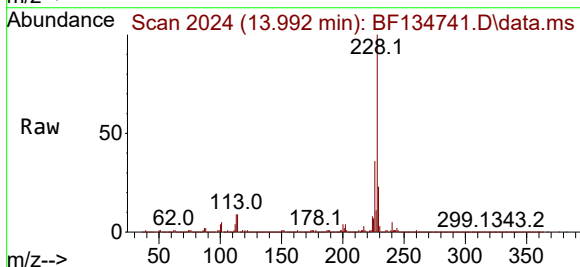
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB02-Z37-39

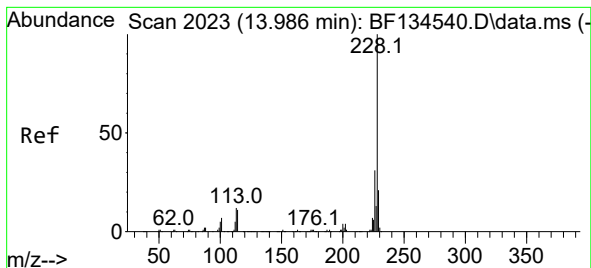
Tgt Ion:244 Resp: 906281
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.3 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 167.828 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. 0.029 min
 Lab File: BF134741.D
 Acq: 11 Aug 2023 19:46

Tgt Ion:228 Resp: 3413489
 Ion Ratio Lower Upper
 228 100
 226 36.3 22.3 33.5#
 229 22.9 15.8 23.6





#83

Chrysene

Concen: 172.261 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z37-39

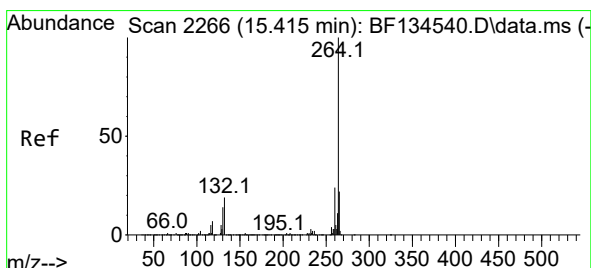
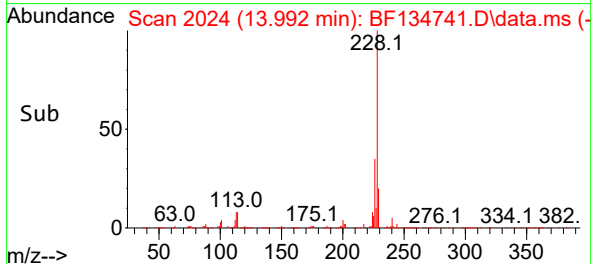
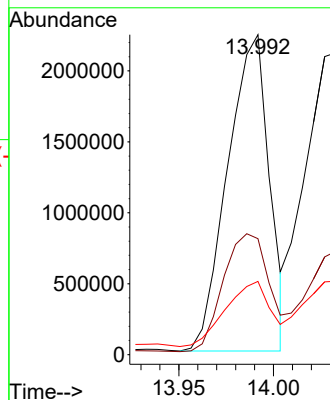
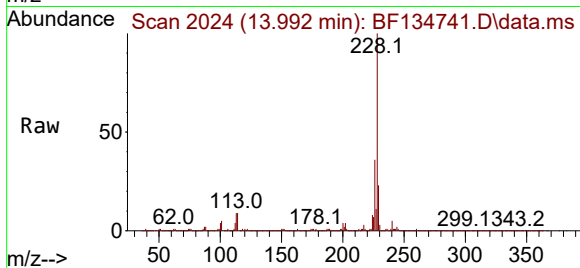
Tgt Ion:228 Resp: 3413489

Ion Ratio Lower Upper

228 100

226 36.3 24.5 36.7

229 22.9 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.023 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

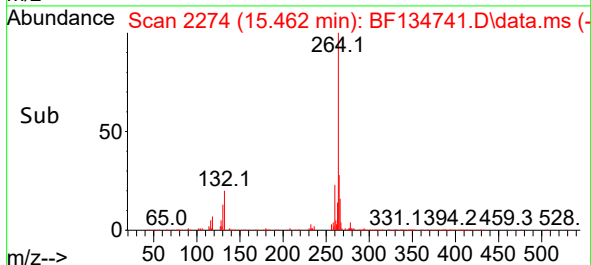
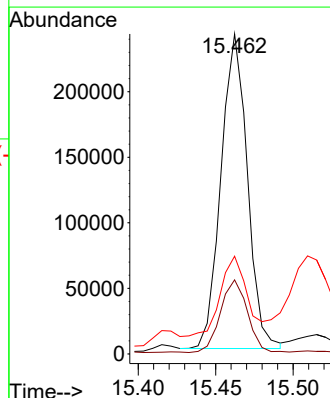
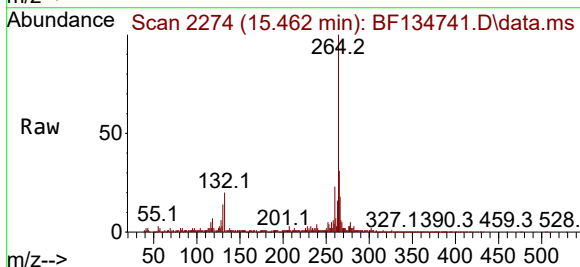
Tgt Ion:264 Resp: 283464

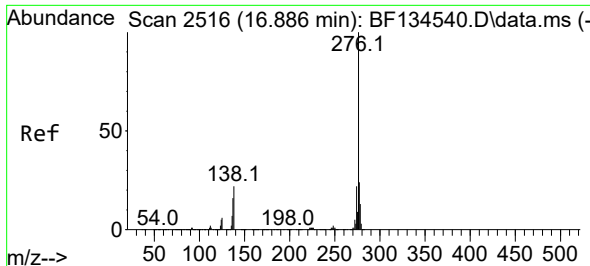
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 30.6 15.8 23.8#

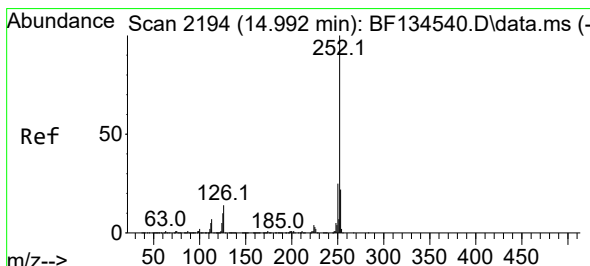
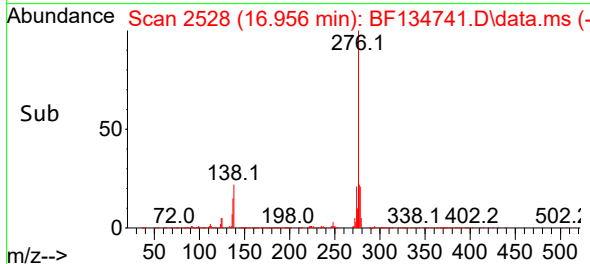
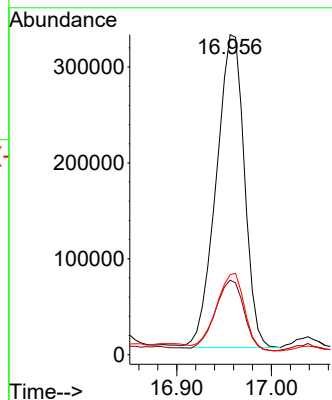
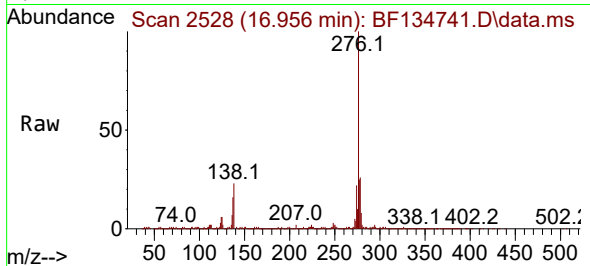




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.415 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

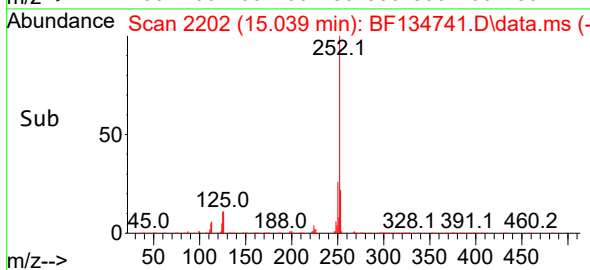
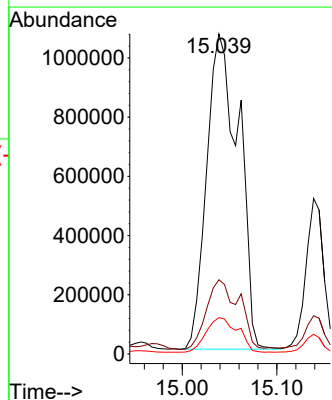
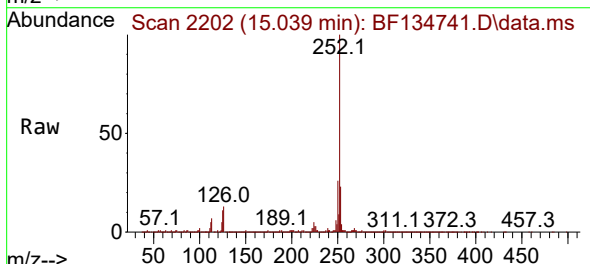
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

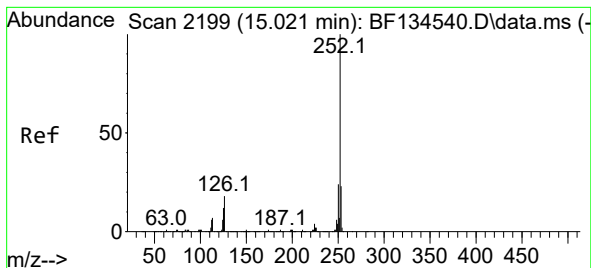
Tgt Ion:276 Resp: 673774
Ion Ratio Lower Upper
276 100
138 23.4 14.2 21.4#
277 25.3 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 145.312 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.029 min
Lab File: BF134741.D
Acq: 11 Aug 2023 19:46

Tgt Ion:252 Resp: 2512189
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 11.3 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 145.882 ng

RT: 15.039 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z37-39

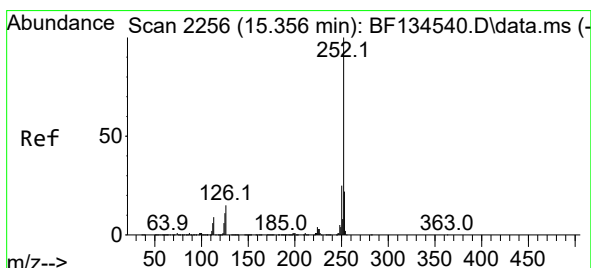
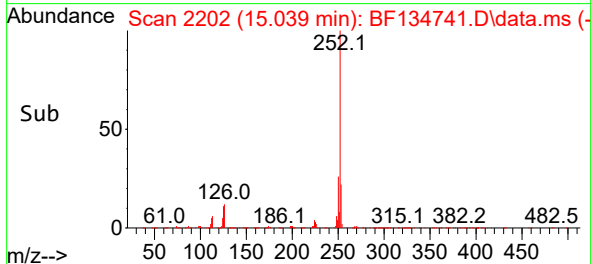
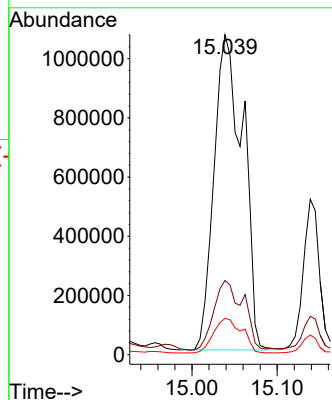
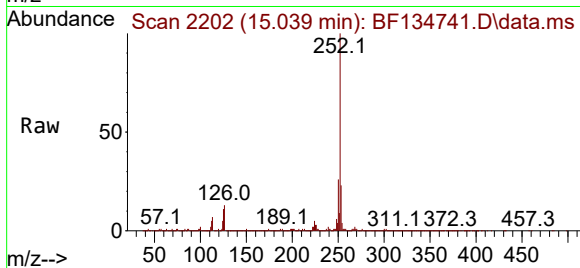
Tgt Ion:252 Resp: 2512371

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 11.3 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 129.078 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.029 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

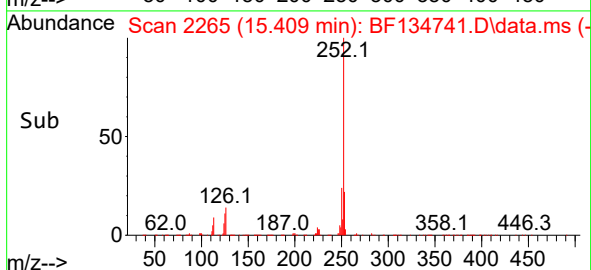
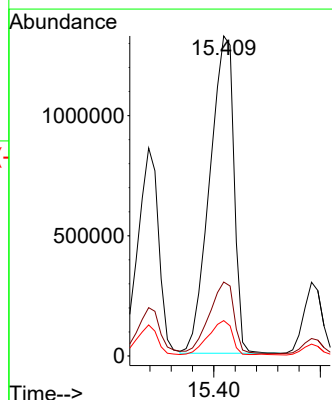
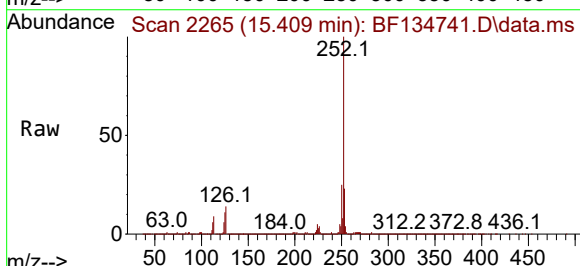
Tgt Ion:252 Resp: 2080632

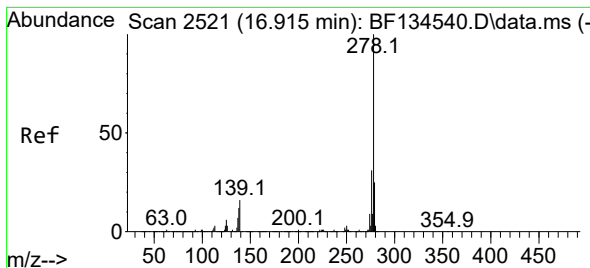
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 11.1 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 16.018 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB02-Z37-39

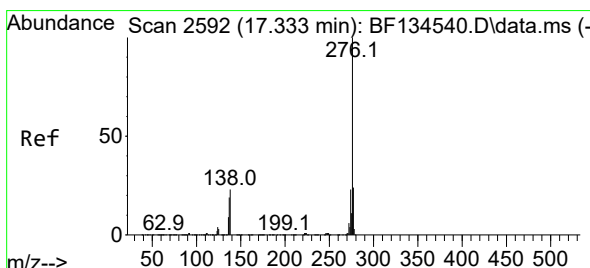
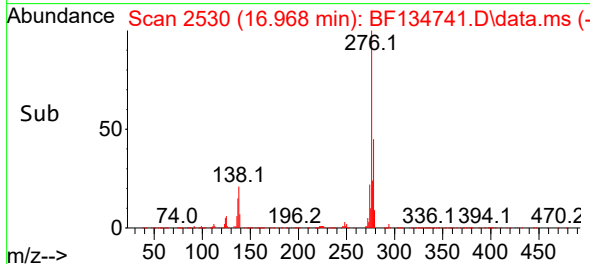
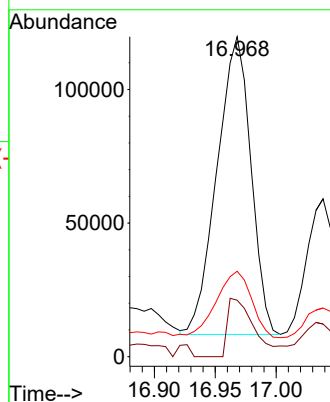
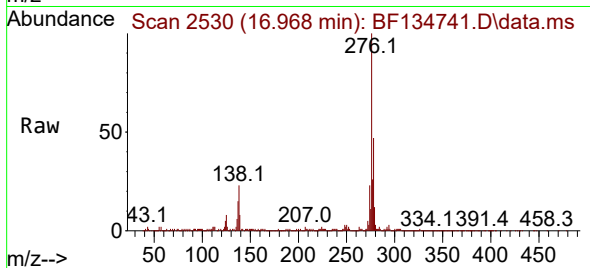
Tgt Ion:278 Resp: 215811

Ion Ratio Lower Upper

278 100

139 17.6 10.0 15.0#

279 26.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 52.542 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.041 min

Lab File: BF134741.D

Acq: 11 Aug 2023 19:46

Tgt Ion:276 Resp: 722102

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 22.9 12.2 18.2#

