

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134724.D
 Acq On : 11 Aug 2023 10:23
 Operator : CG\JU
 Sample : 03954-13 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19

Quant Time: Aug 11 22:19:28 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	169913	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	652433	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	287149	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	451181	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	300184	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	285084	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	74307	6.648	ng	0.00
7) Phenol-d6	6.428	99	85001	5.949	ng	-0.01
23) Nitrobenzene-d5	7.351	82	51910	4.972	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	18218	6.224	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	117981	6.832	ng	-0.01
79) Terphenyl-d14	12.915	244	94148	5.529	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	391	Below Cal	#	1
25) Isophorone	7.351	82	49963	2.194	ng	# 65
31) Naphthalene	8.104	128	1893673	57.751	ng	98
32) Benzoic acid	7.863	122	8826	8.981	ng	# 23
33) 4-Chloroaniline	8.104	127	256422	17.551	ng	# 34
35) Caprolactam	8.792	113	11441	3.846	ng	# 1
37) 2-Methylnaphthalene	8.792	142	511778	23.547	ng	100
38) 1-Methylnaphthalene	8.892	142	343410	16.991	ng	99
46) 1,1'-Biphenyl	9.251	154	161904	7.251	ng	96
48) 2-Nitroaniline	9.416	65	2935	3.692	ng	# 27
49) Acenaphthylene	9.692	152	102142	3.884	ng	# 93
50) Dimethylphthalate	9.833	163	63137	3.226	ng	# 1
51) 2,6-Dinitrotoluene	9.527	165	1844	2.931	ng	# 86
52) Acenaphthene	9.869	154	626881	36.781	ng	99
54) 2,4-Dinitrophenol	10.127	184	461	7.167	ng	99
55) Dibenzofuran	10.039	168	783592	32.296	ng	94
56) 4-Nitrophenol	10.039	139	290658	81.468	ng	# 1
57) 2,4-Dinitrotoluene	10.033	165	2710	3.377	ng	# 1
58) Fluorene	10.386	166	816746	46.216	ng	95
62) 4-Nitroaniline	10.386	138	8946	2.092	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.704	198	1612	9.423	ng	86
71) Phenanthrene	11.369	178	4521488	188.671	ng	98
72) Anthracene	11.410	178	1487690	60.774	ng	98
73) Carbazole	11.557	167	672592	30.773	ng	99
75) Fluoranthene	12.563	202	4396141	173.661	ng	98
78) Pyrene	12.786	202	4134007	159.151	ng	94
81) Benzo(a)anthracene	13.974	228	2062215	96.075	ng	98
83) Chrysene	14.010	228	1909255	91.299	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	698659	41.670	ng	# 95
88) Benzo(b)fluoranthene	15.027	252	2467064	141.891	ng	# 96
89) Benzo(k)fluoranthene	15.027	252	2467064	142.437	ng	# 97
90) Benzo(a)pyrene	15.392	252	1326425	81.821	ng	# 93
91) Dibenzo(a,h)anthracene	16.886	278	35893	2.649	ng	92
92) Benzo(g,h,i)perylene	17.398	276	656149	47.472	ng	# 91

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Response via : Initial Calibration

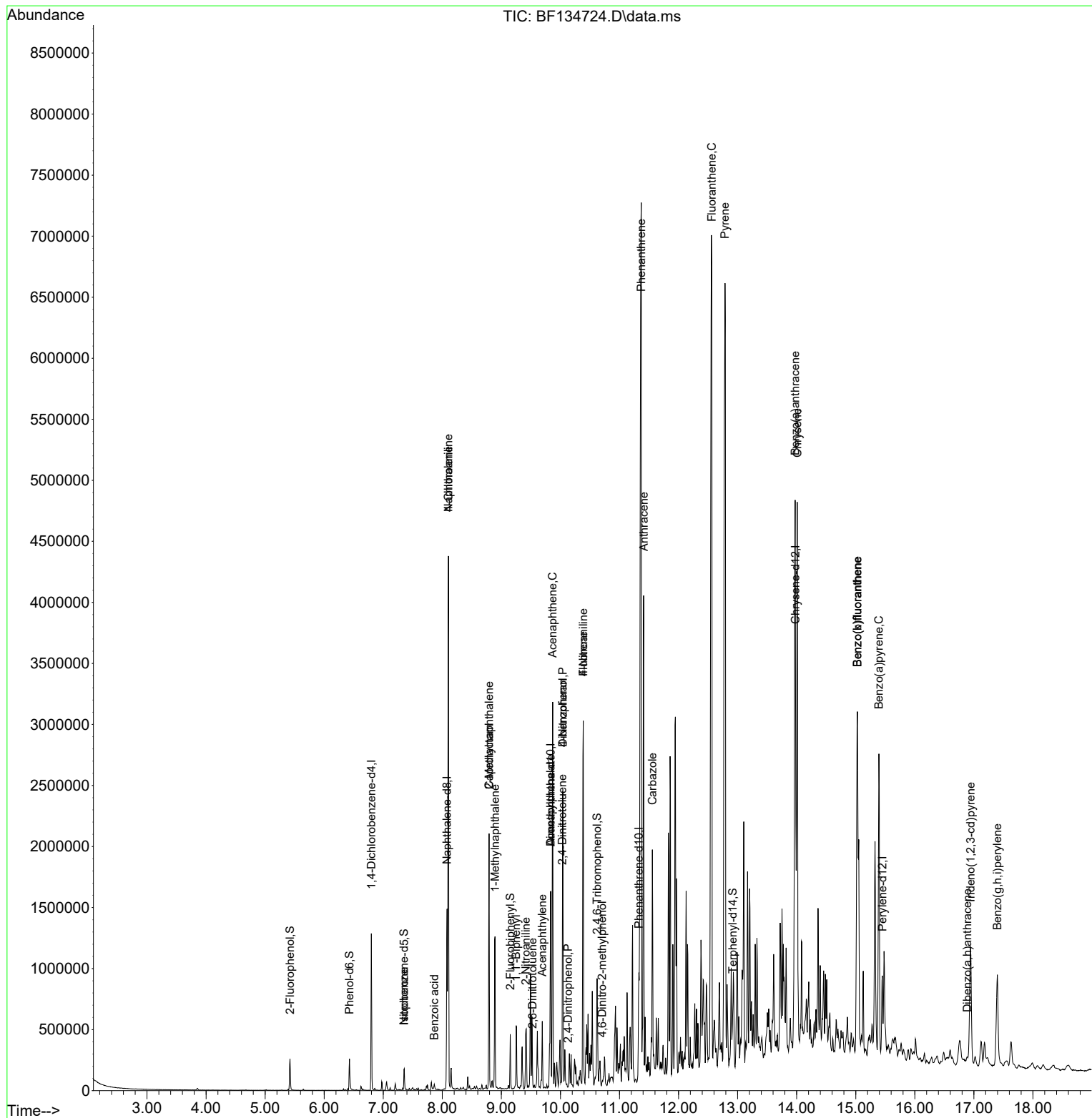
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

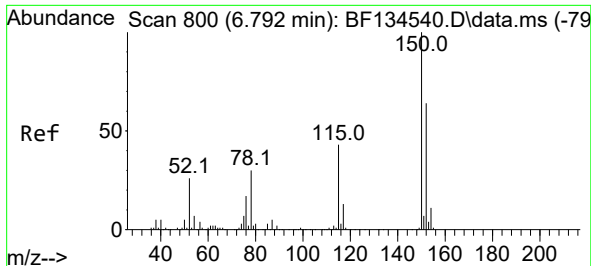
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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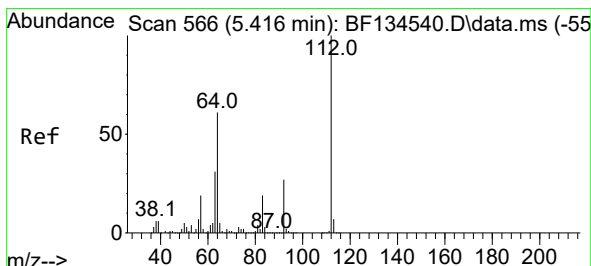
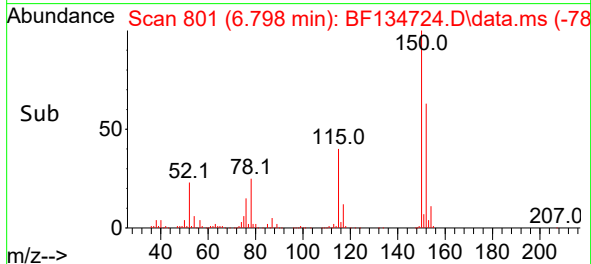
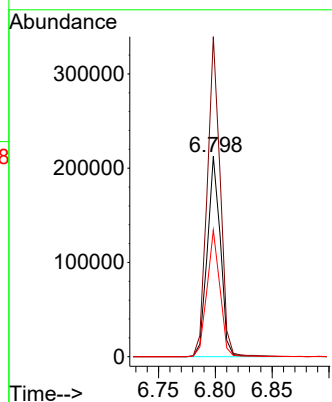
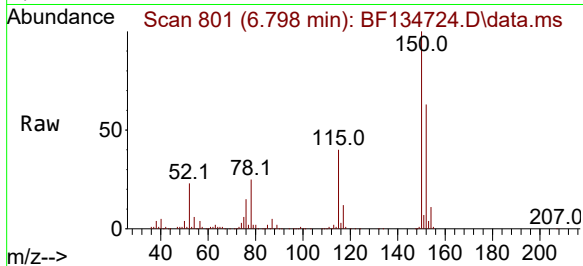




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

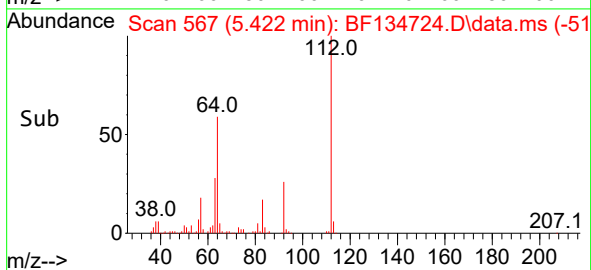
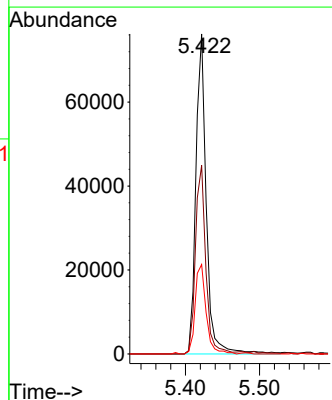
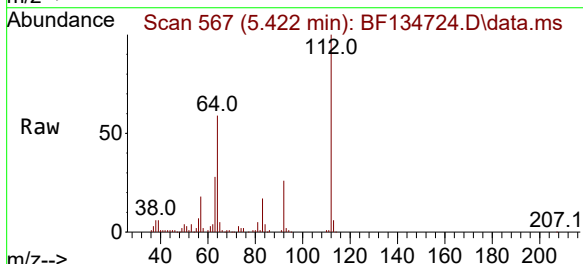
Instrument :
 BNA_F
 ClientSampleId :
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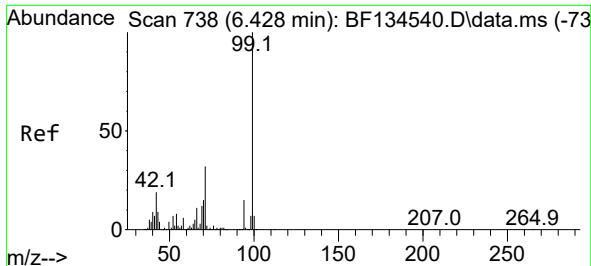
Tgt Ion:152 Resp: 169913
 Ion Ratio Lower Upper
 152 100
 150 159.8 128.3 192.5
 115 63.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 6.648 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

Tgt Ion:112 Resp: 74307
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.9 67.3
 63 27.9 25.4 38.0

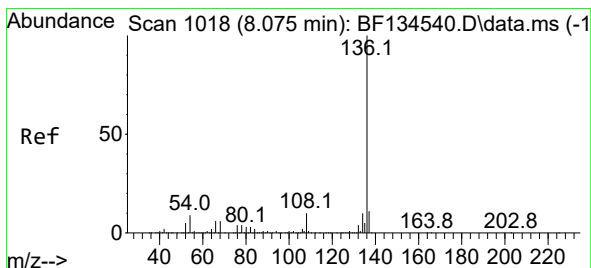
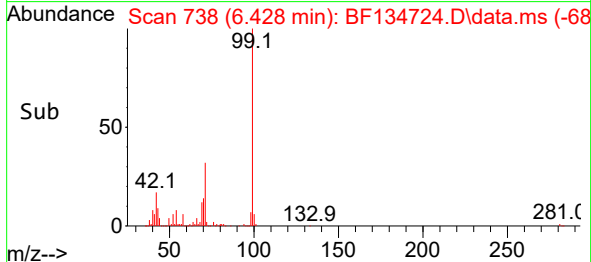
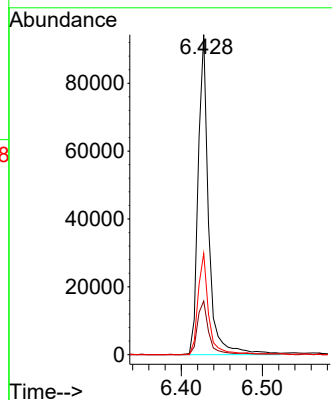
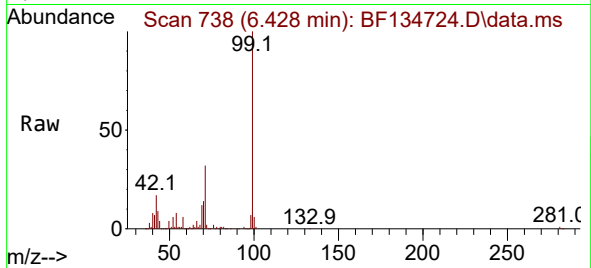




#7
Phenol-d6
Concen: 5.949 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

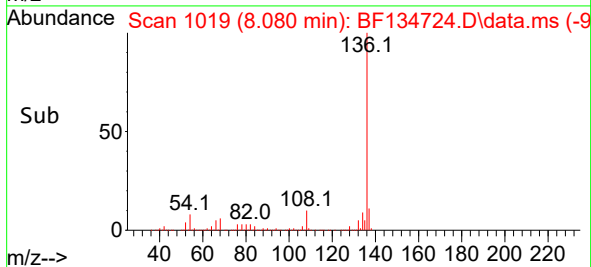
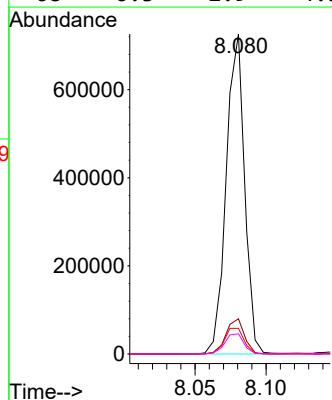
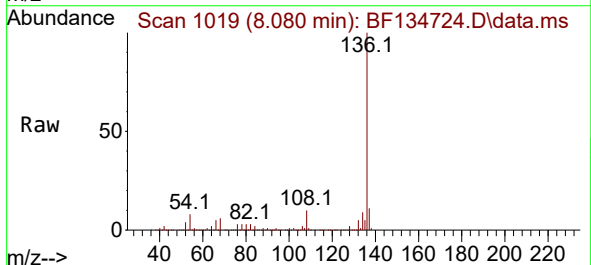
Instrument :
BNA_F
ClientSampleId :
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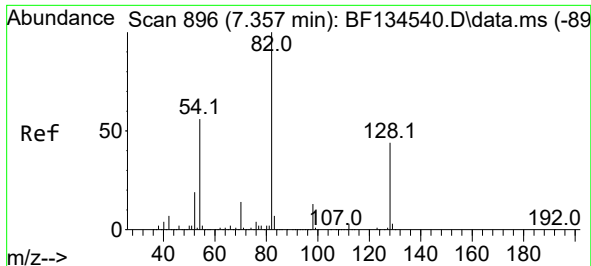
Tgt Ion: 99 Resp: 85001
Ion Ratio Lower Upper
99 100
42 16.7 18.7 28.1#
71 31.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion: 136 Resp: 652433
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 4.972 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

WC-19

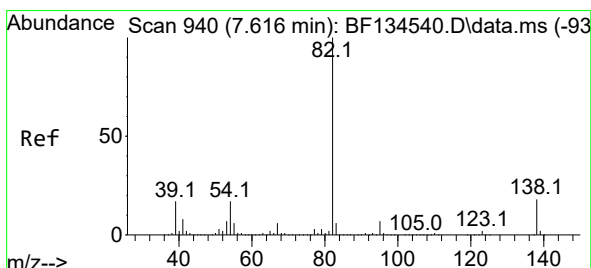
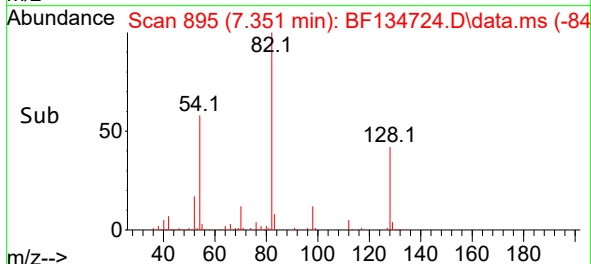
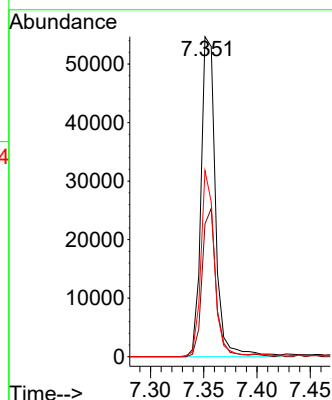
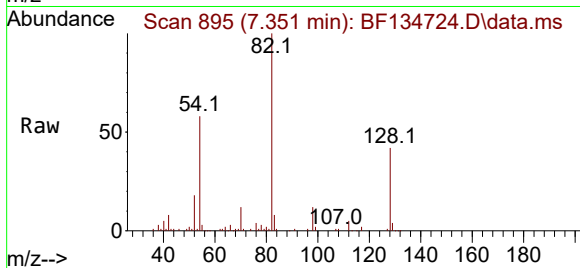
Tgt Ion: 82 Resp: 51910

Ion Ratio Lower Upper

82 100

128 41.5 34.3 51.5

54 58.1 43.8 65.6



#25

Isophorone

Concen: 2.194 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.277 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

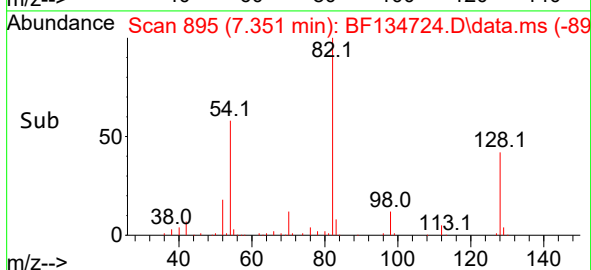
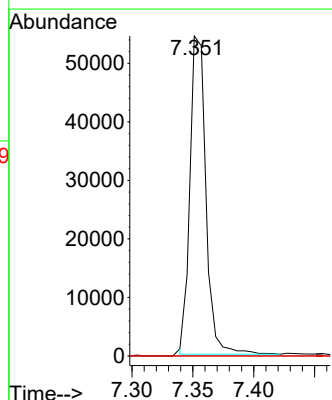
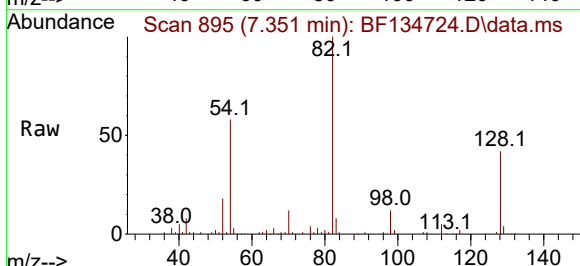
Tgt Ion: 82 Resp: 49963

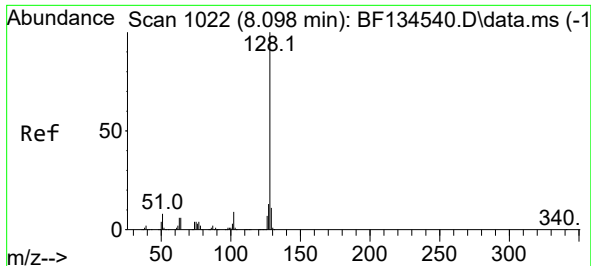
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#

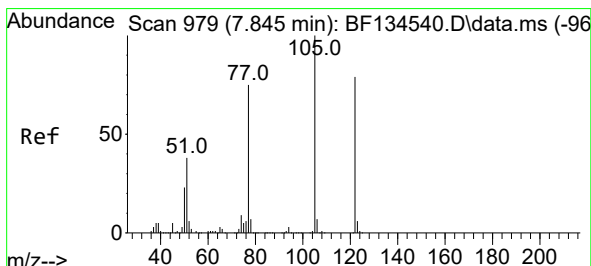
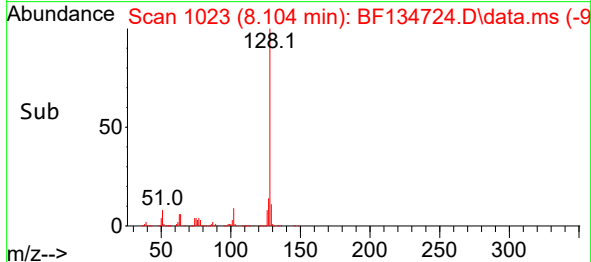
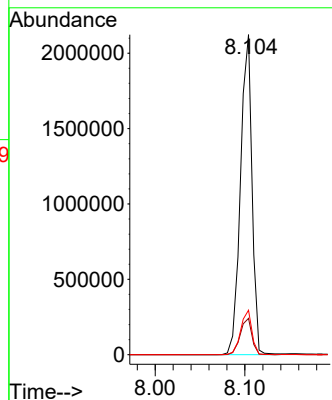
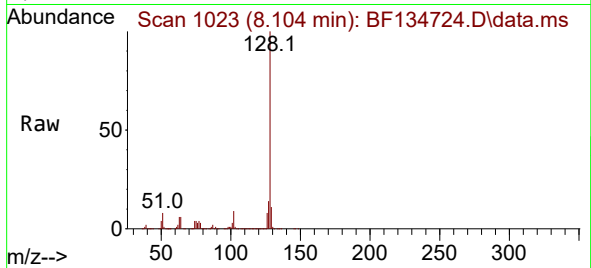




#31
Naphthalene
Concen: 57.751 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

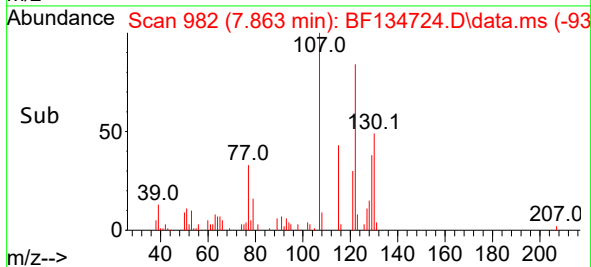
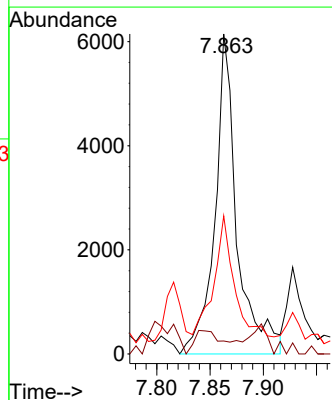
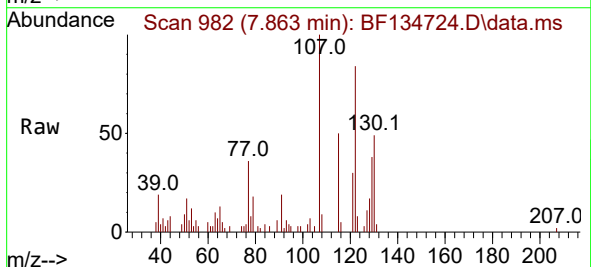
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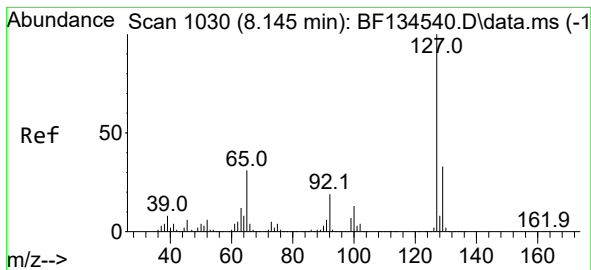
Tgt Ion:128 Resp: 1893673
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 8.981 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:122 Resp: 8826
Ion Ratio Lower Upper
122 100
105 4.1 87.5 127.5#
77 43.2 71.4 111.4#

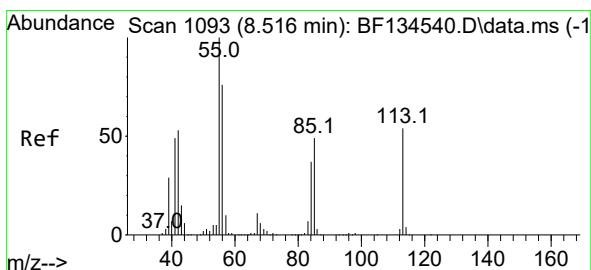
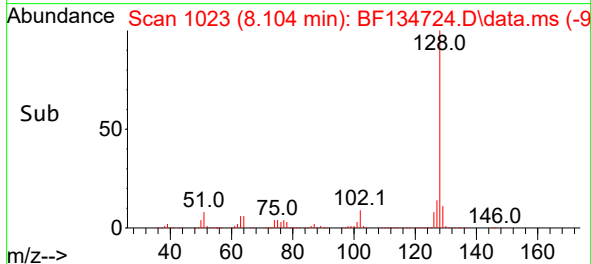
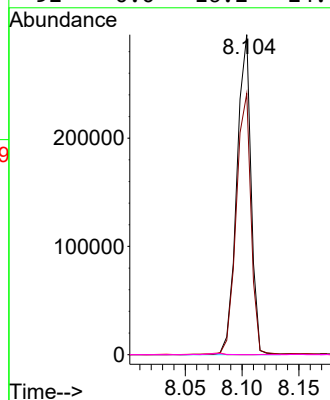
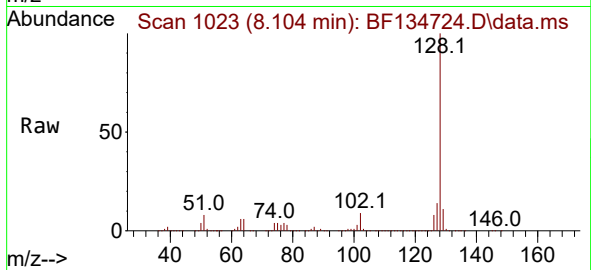




#33
4-Chloroaniline
Concen: 17.551 ng
RT: 8.104 min Scan# 1140
Delta R.T. -0.047 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

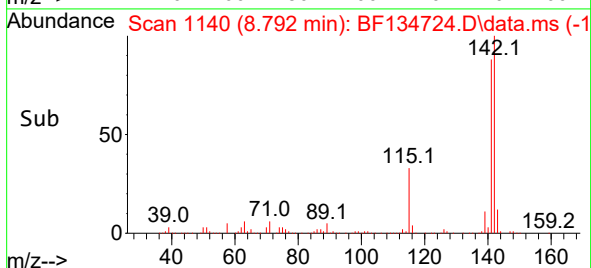
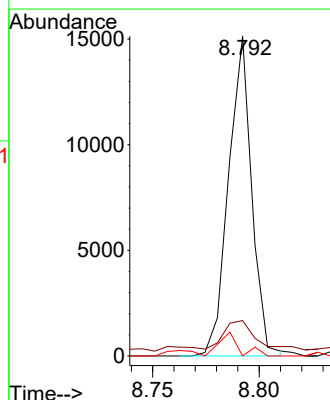
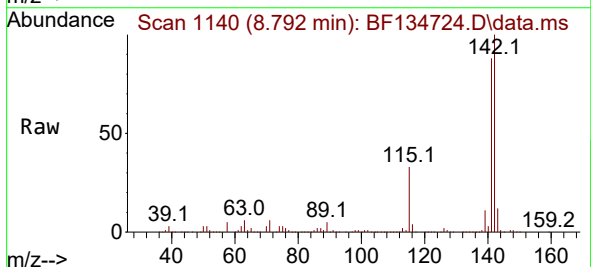
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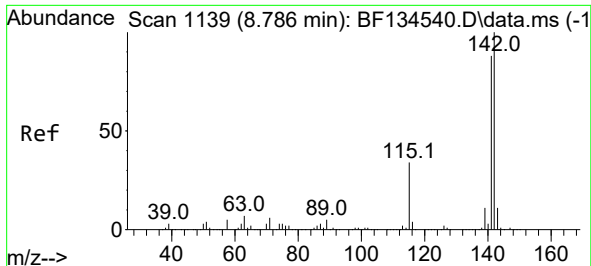
Tgt Ion:127 Resp: 256422
Ion Ratio Lower Upper
127 100
129 81.6 25.6 38.4#
65 0.0 25.4 38.0#
92 0.0 16.2 24.4#



#35
Caprolactam
Concen: 3.846 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.259 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:113 Resp: 11441
Ion Ratio Lower Upper
113 100
55 11.1 161.5 201.5#
56 0.0 117.8 157.8#

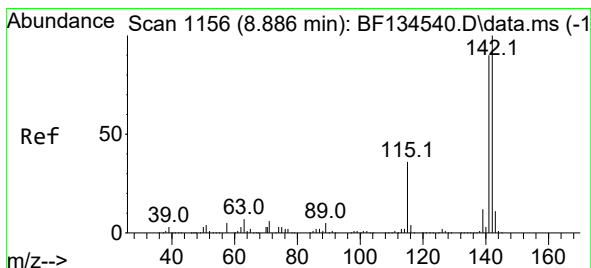
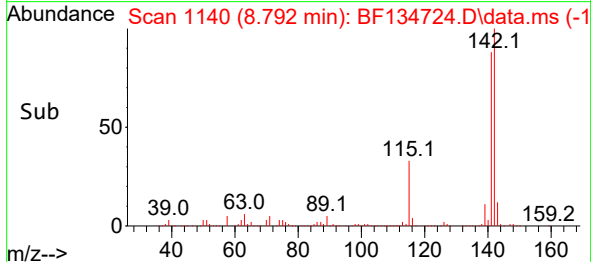
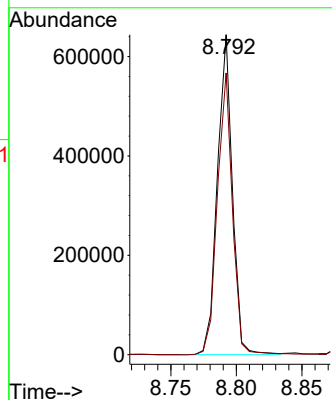
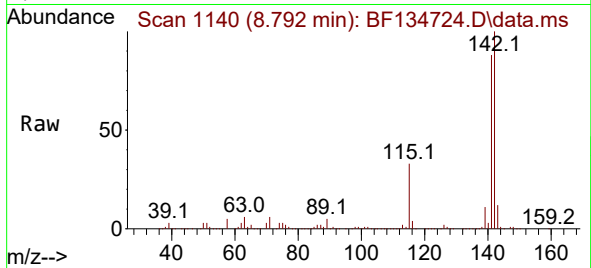




#37
2-Methylnaphthalene
Concen: 23.547 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

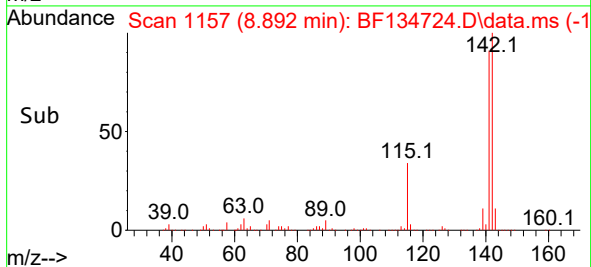
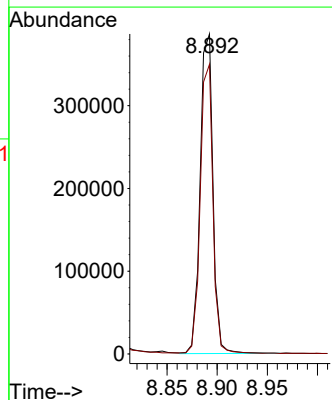
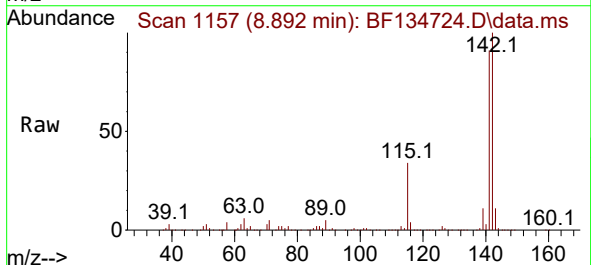
Instrument :
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ClientSampleId :
WC-19

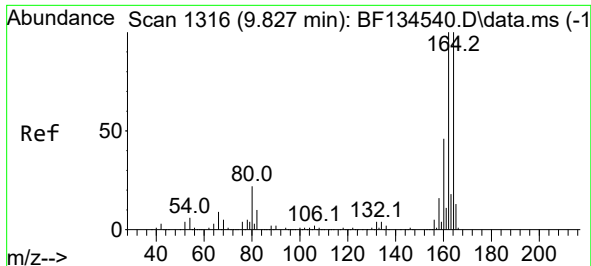
Tgt Ion:142 Resp: 511778
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2



#38
1-Methylnaphthalene
Concen: 16.991 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:142 Resp: 343410
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2

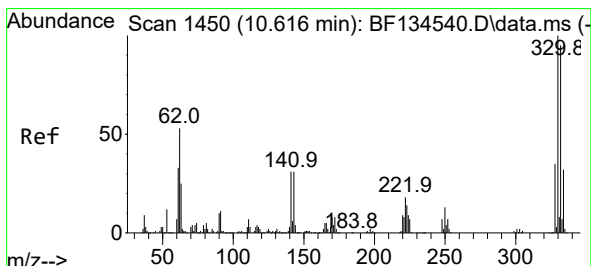
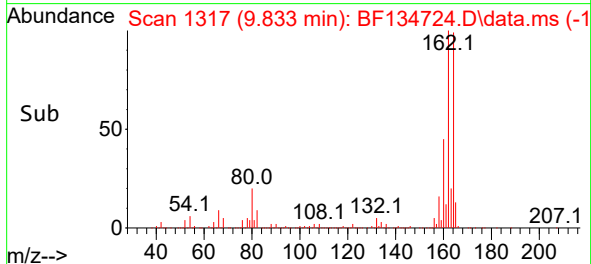
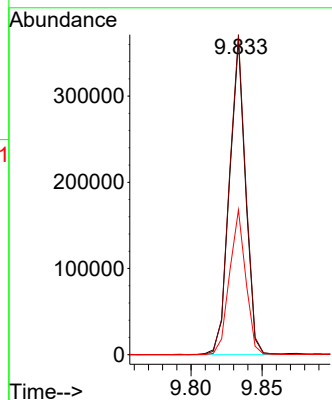
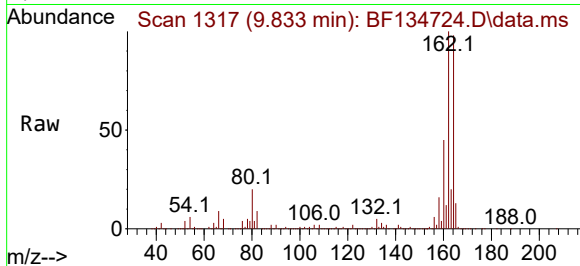




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

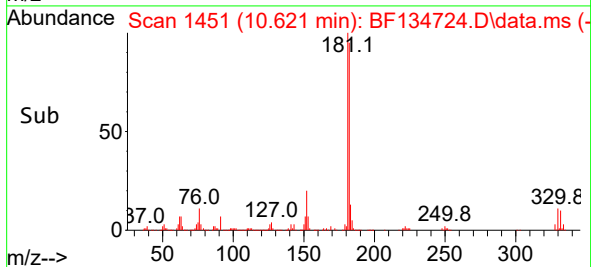
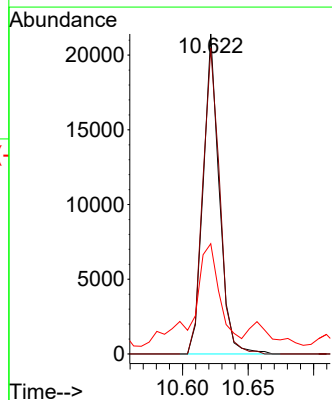
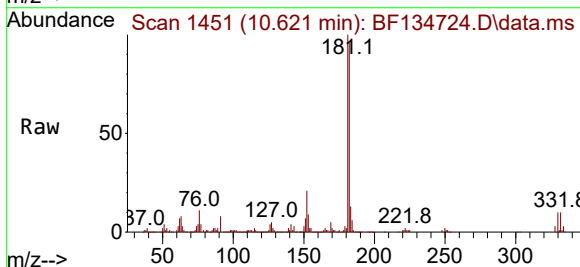
Instrument :
BNA_F
ClientSampleId :
WC-19

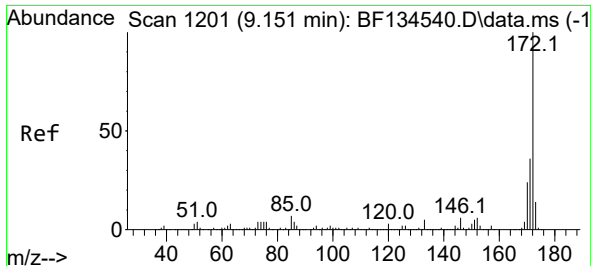
Tgt Ion:164 Resp: 287149
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 6.224 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:330 Resp: 18218
Ion Ratio Lower Upper
330 100
332 100.9 78.8 118.2
141 53.5 25.4 38.2#

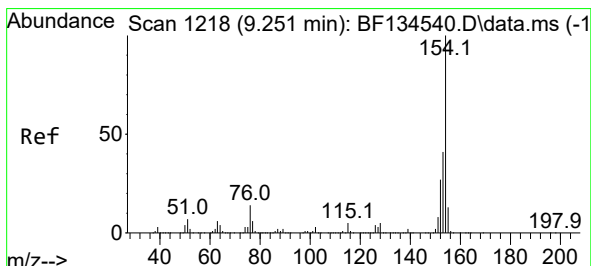
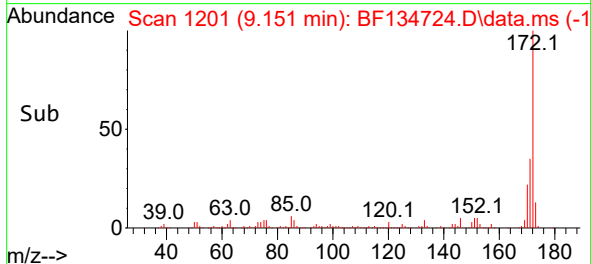
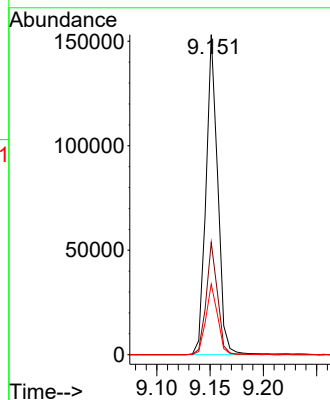
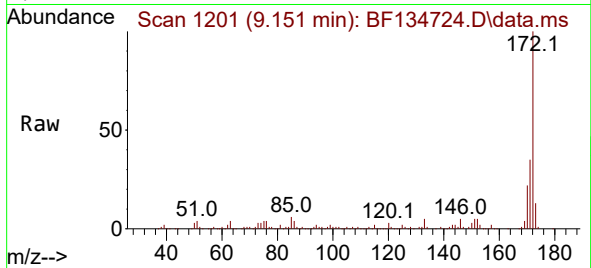




#45
2-Fluorobiphenyl
Concen: 6.832 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

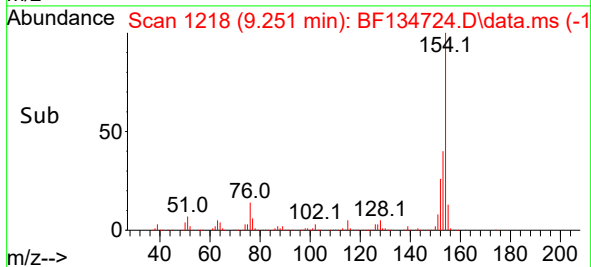
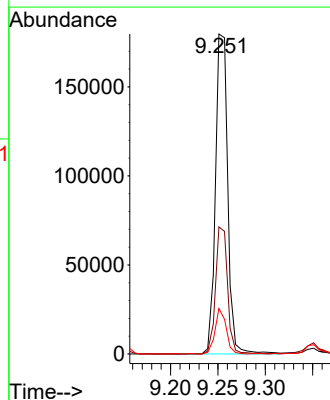
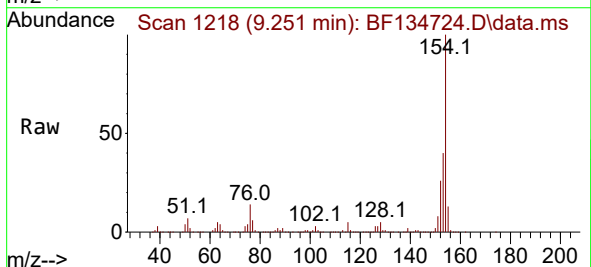
Instrument :
BNA_F
ClientSampleId :
WC-19

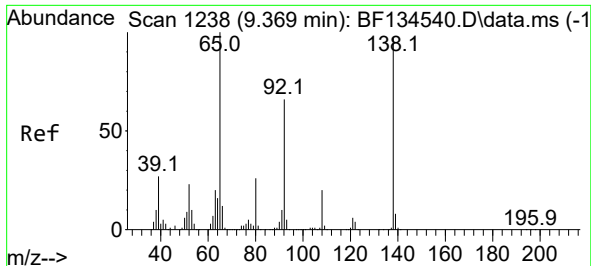
Tgt Ion:172 Resp: 117981
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 7.251 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:154 Resp: 161904
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 14.2 0.0 30.2





#48

2-Nitroaniline

Concen: 3.692 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.035 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

WC-19

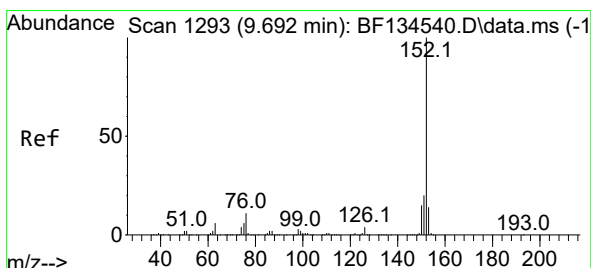
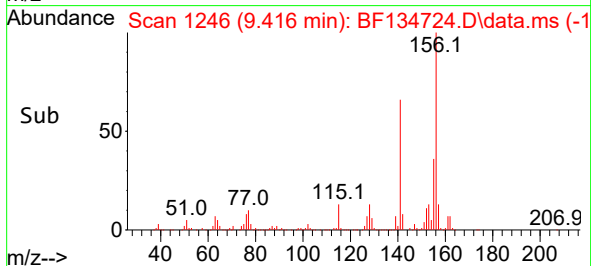
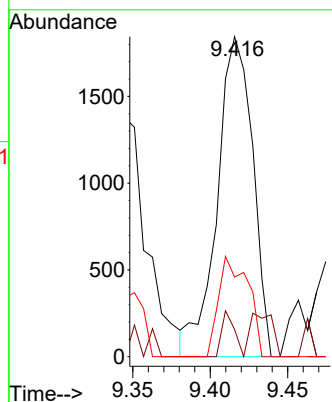
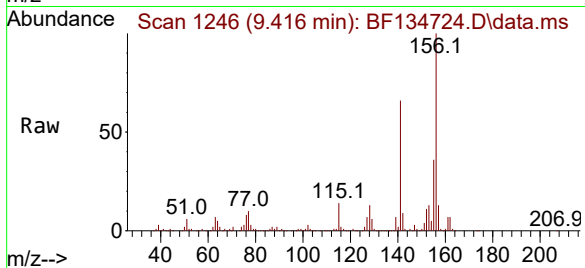
Tgt Ion: 65 Resp: 2935

Ion Ratio Lower Upper

65 100

92 8.5 50.7 76.1#

138 24.9 78.2 117.4#



#49

Acenaphthylene

Concen: 3.884 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

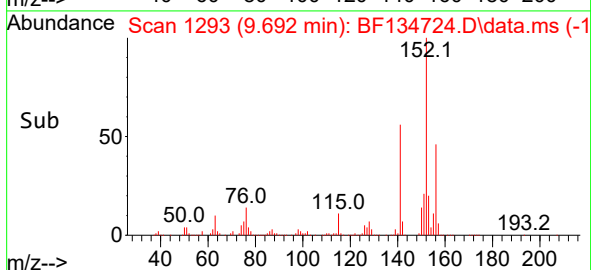
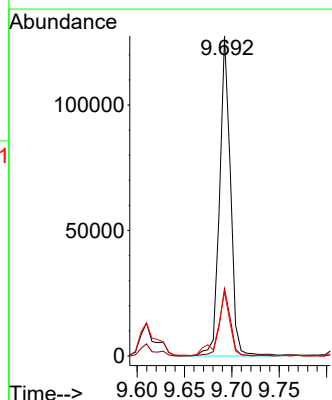
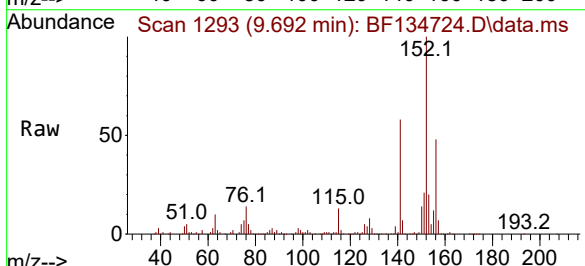
Tgt Ion: 152 Resp: 102142

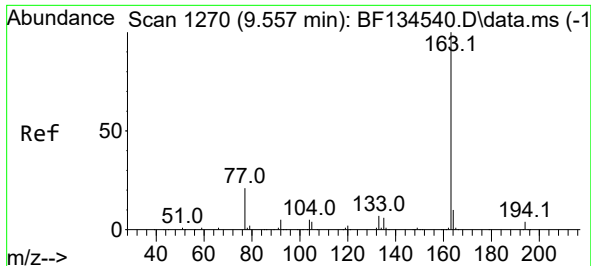
Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

153 20.0 10.9 16.3#

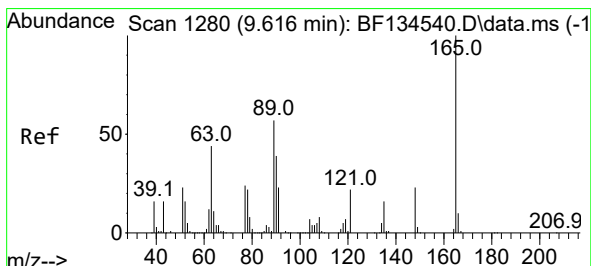
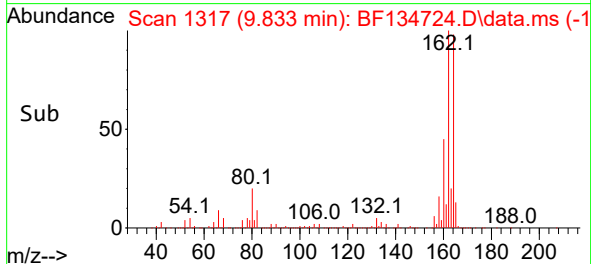
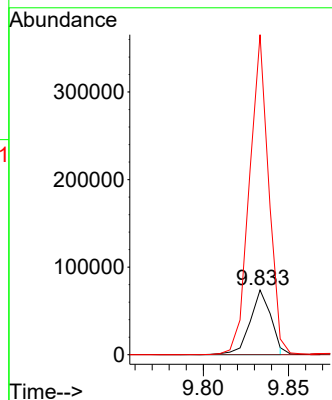
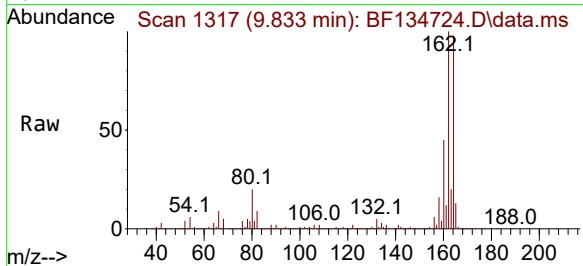




#50
 Dimethylphthalate
 Concen: 3.226 ng
 RT: 9.833 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

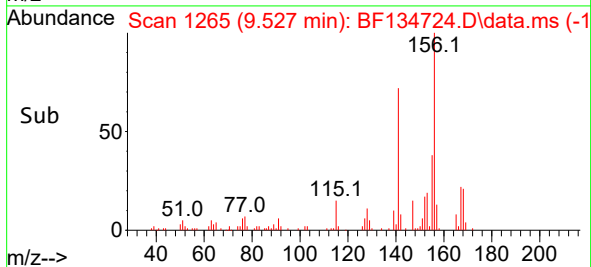
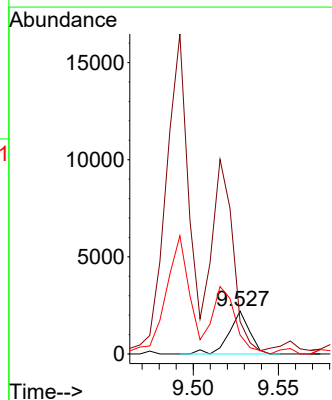
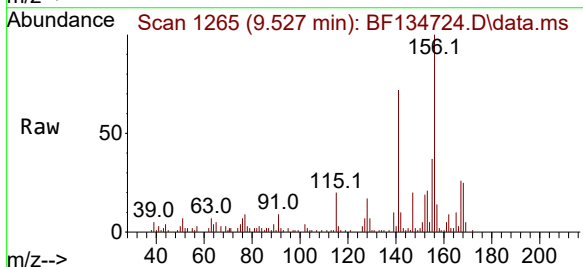
Instrument :
 BNA_F
 ClientSampleId :
 WC-19

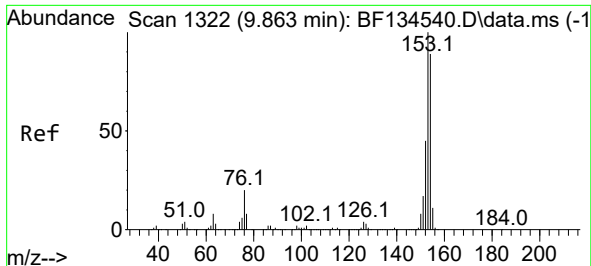
Tgt Ion:163 Resp: 63137
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 494.4 7.5 11.3#



#51
 2,6-Dinitrotoluene
 Concen: 2.931 ng
 RT: 9.527 min Scan# 1265
 Delta R.T. -0.100 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

Tgt Ion:165 Resp: 1844
 Ion Ratio Lower Upper
 165 100
 63 75.7 57.8 86.6
 89 44.5 51.8 77.8#

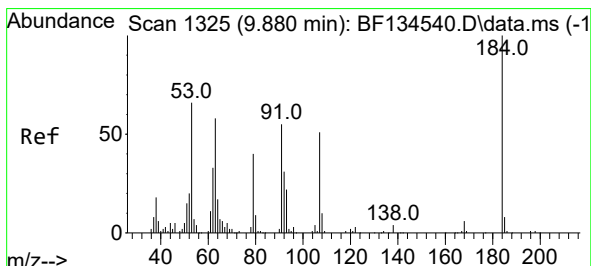
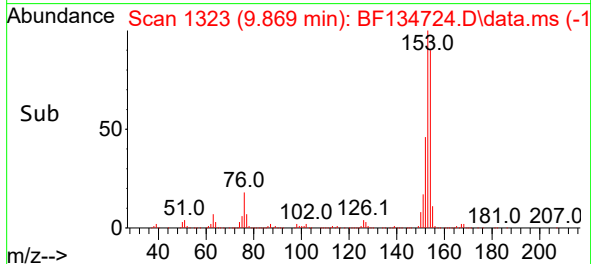
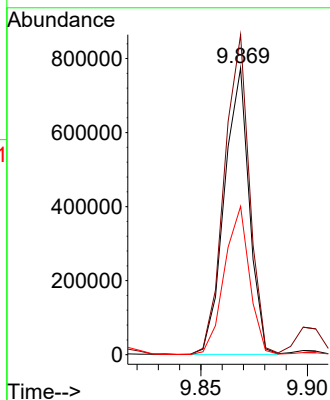
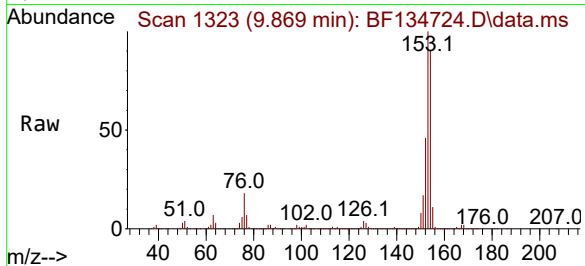




#52
Acenaphthene
Concen: 36.781 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

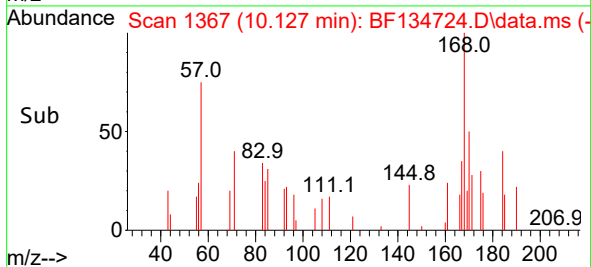
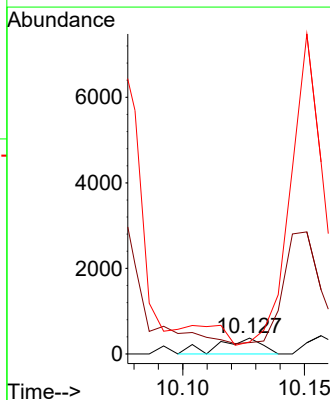
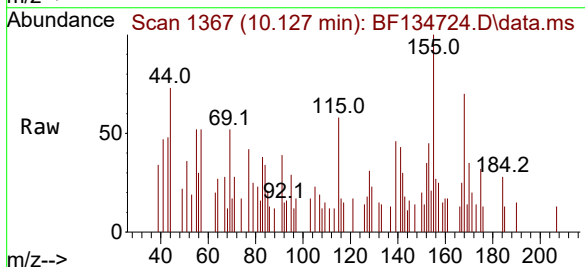
Instrument :
BNA_F
ClientSampleId :
WC-19

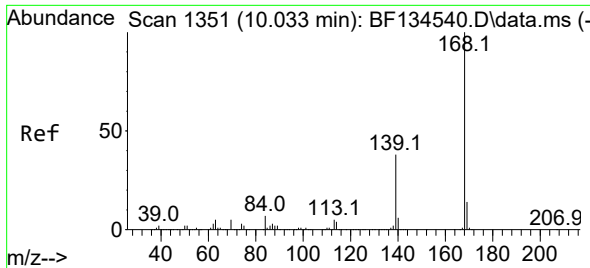
Tgt Ion:154 Resp: 626881
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 51.7 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.167 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.229 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:184 Resp: 461
Ion Ratio Lower Upper
184 100
63 72.0 57.1 85.7
154 75.5 59.1 88.7

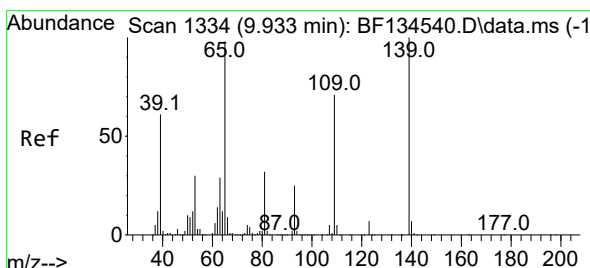
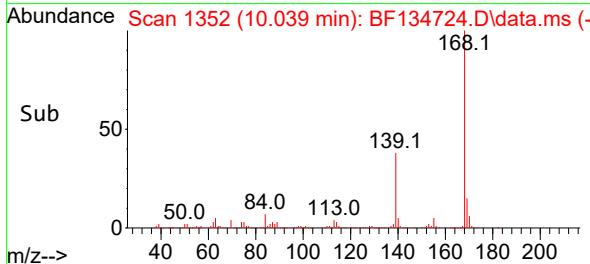
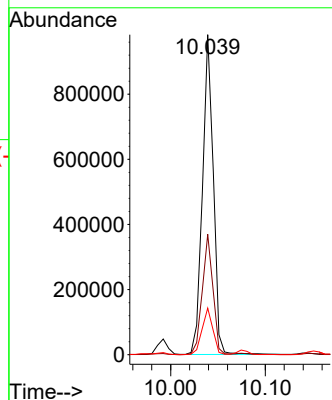
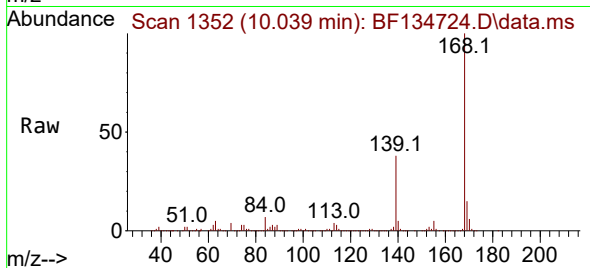




#55
Dibenzenofuran
Concen: 32.296 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

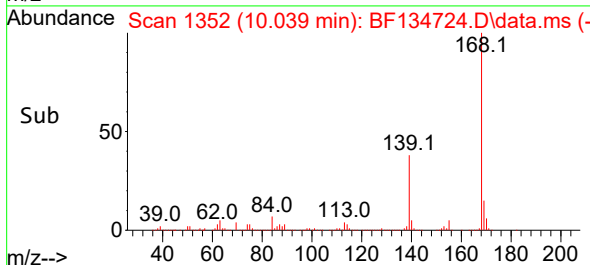
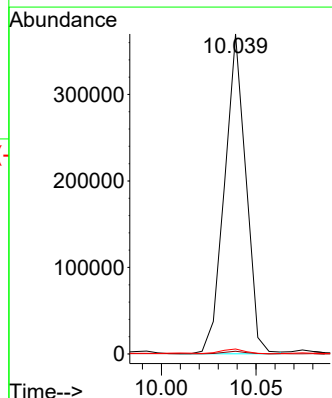
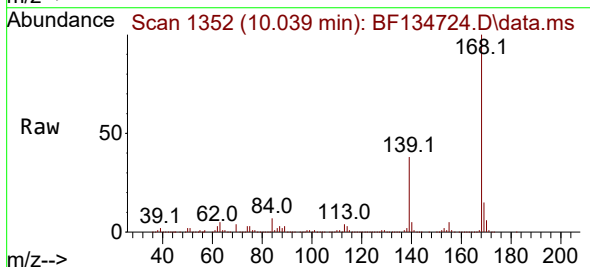
Instrument :
BNA_F
ClientSampleId :
WC-19

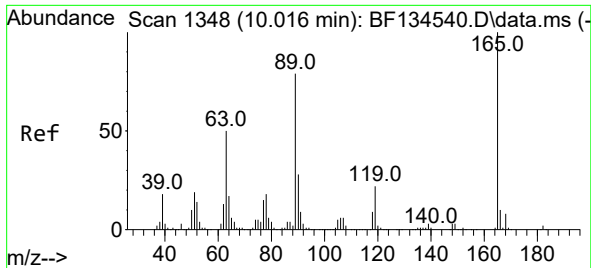
Tgt Ion:168 Resp: 783592
Ion Ratio Lower Upper
168 100
139 37.6 33.4 50.2
169 14.6 10.6 15.8



#56
4-Nitrophenol
Concen: 81.468 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.088 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:139 Resp: 290658
Ion Ratio Lower Upper
139 100
109 0.9 76.9 116.9#
65 1.6 98.5 138.5#

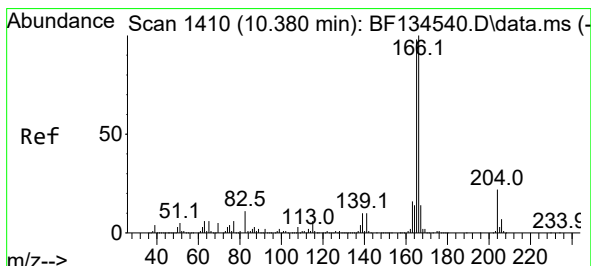
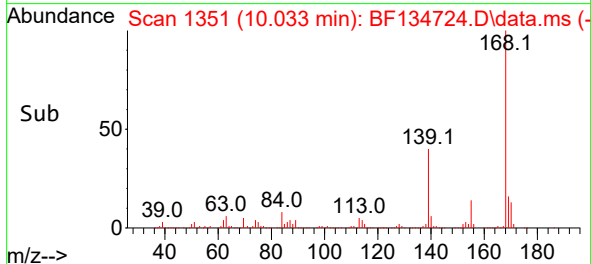
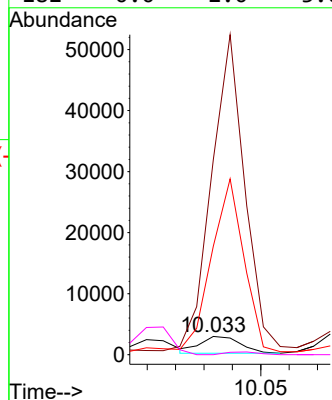
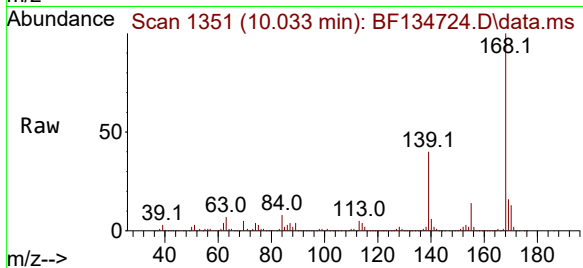




#57
2,4-Dinitrotoluene
Concen: 3.377 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

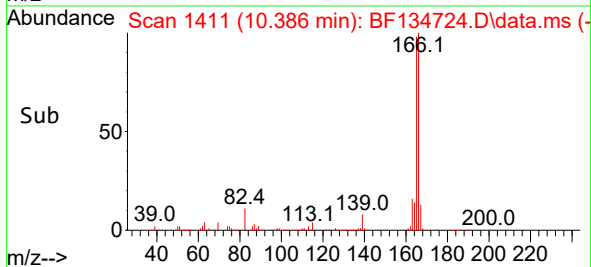
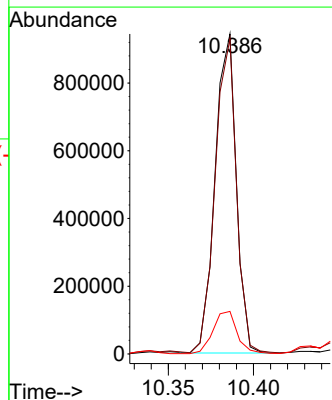
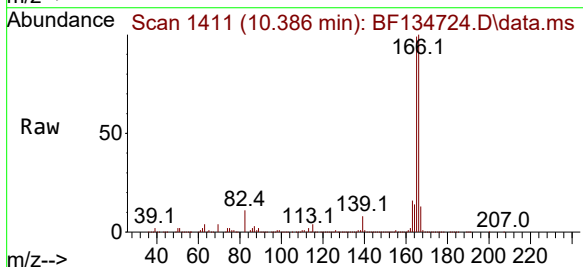
Instrument :
BNA_F
ClientSampleId :
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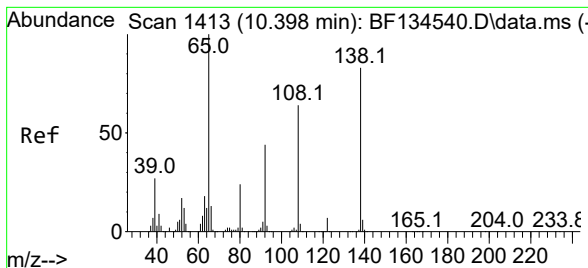
Tgt Ion:165 Resp: 2710
Ion Ratio Lower Upper
165 100
63 1070.1 48.9 73.3#
89 595.2 61.7 92.5#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 46.216 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:166 Resp: 816746
Ion Ratio Lower Upper
166 100
165 98.5 74.5 111.7
167 13.3 10.6 16.0

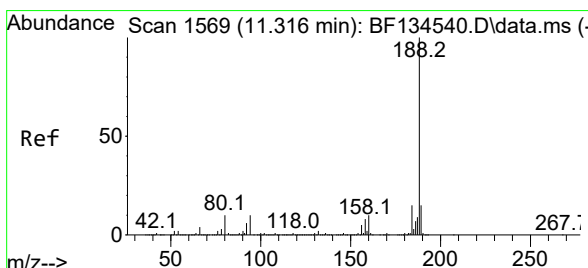
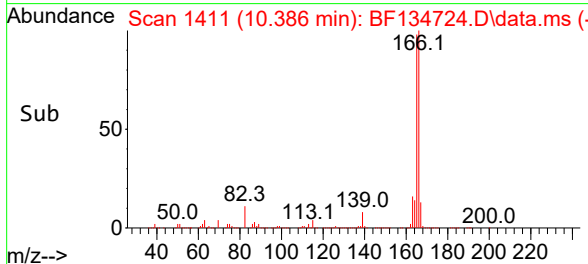
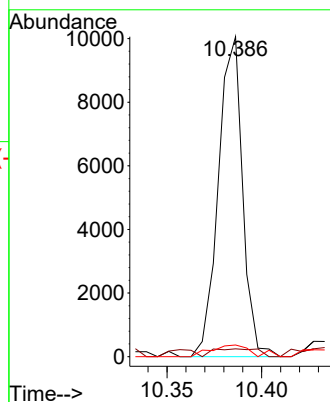
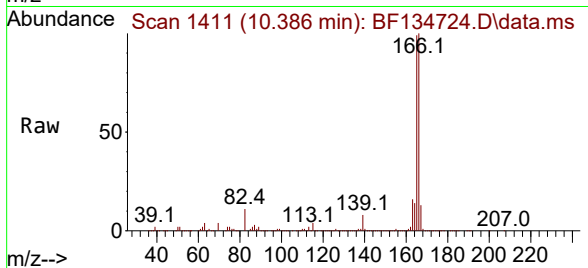




#62
4-Nitroaniline
Concen: 2.092 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

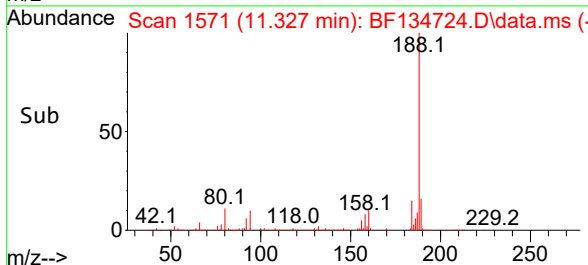
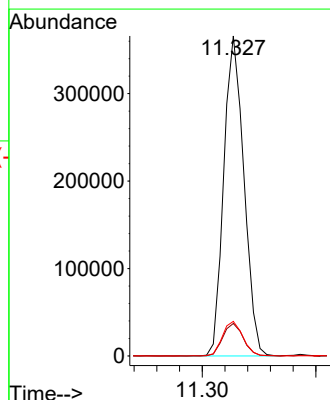
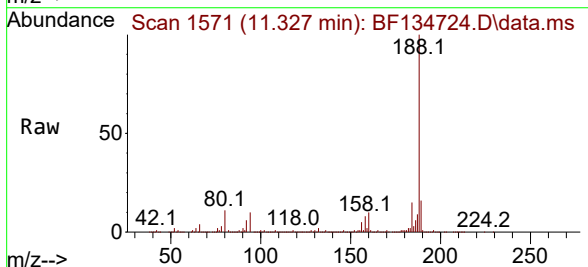
Instrument :
BNA_F
ClientSampleId :
WC-19

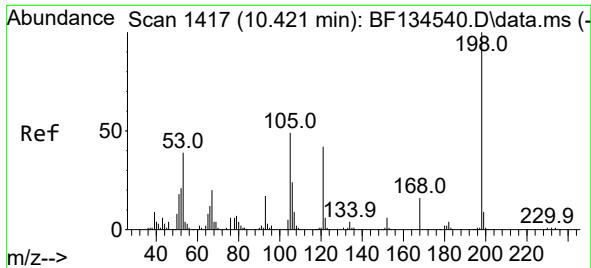
Tgt Ion:138 Resp: 8946
Ion Ratio Lower Upper
138 100
92 2.5 27.0 67.0#
108 3.6 70.4 110.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:188 Resp: 451181
Ion Ratio Lower Upper
188 100
94 10.1 5.1 7.7#
80 10.8 6.6 9.8#

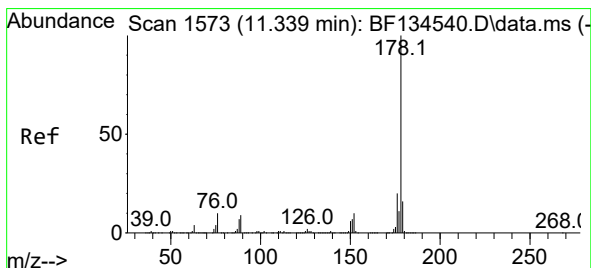
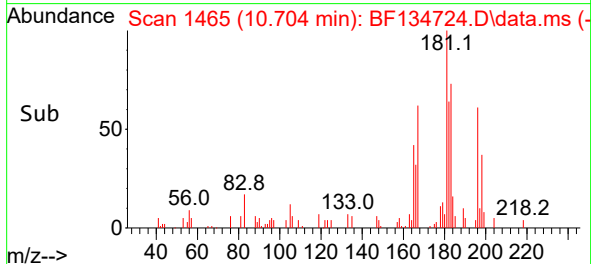
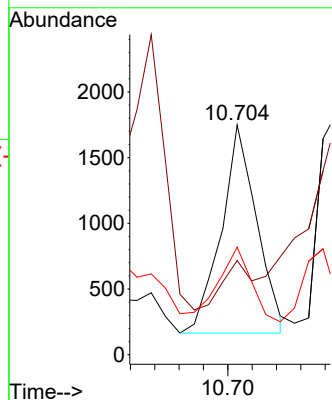
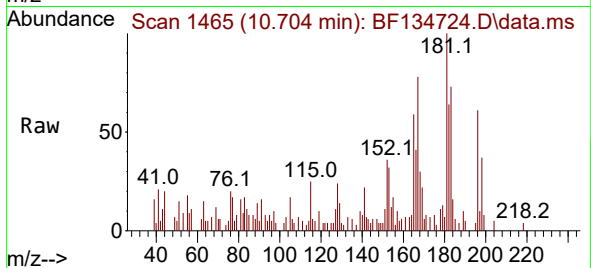




#65
4,6-Dinitro-2-methylphenol
Concen: 9.423 ng
RT: 10.704 min Scan# 1417
Delta R.T. 0.265 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

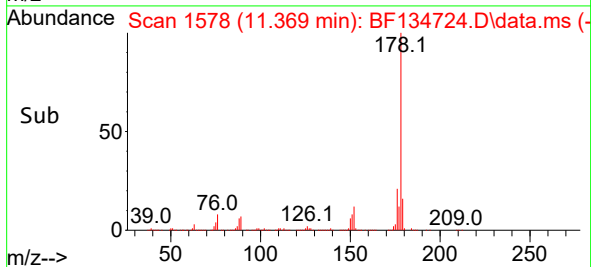
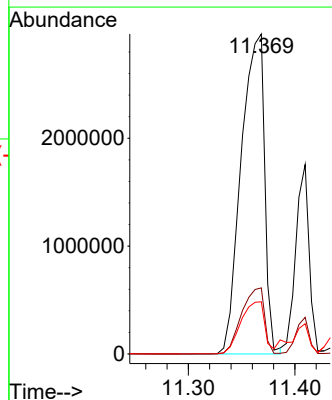
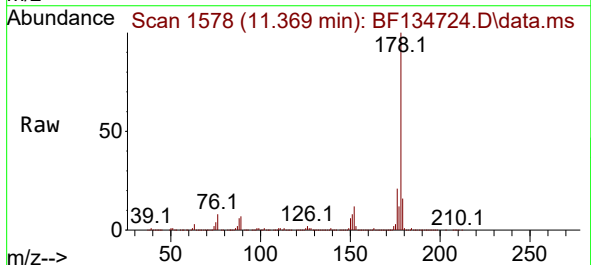
Instrument :
BNA_F
ClientSampleId :
WC-19

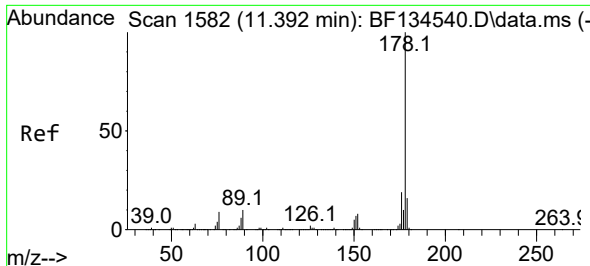
Tgt Ion:198 Resp: 1612
Ion Ratio Lower Upper
198 100
51 40.9 38.6 78.6
105 46.8 27.9 67.9



#71
Phenanthrene
Concen: 188.671 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:178 Resp: 4521488
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.3 12.7 19.1

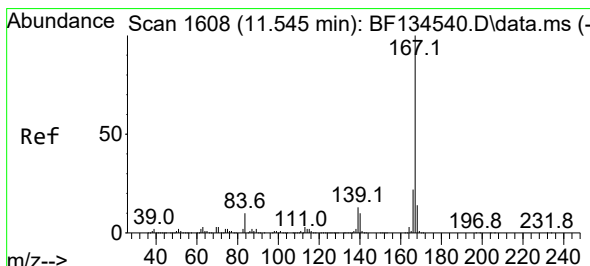
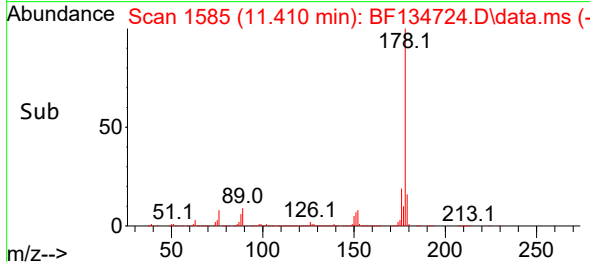
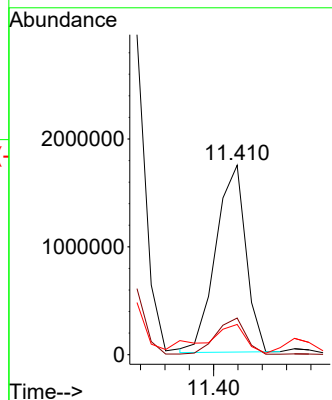
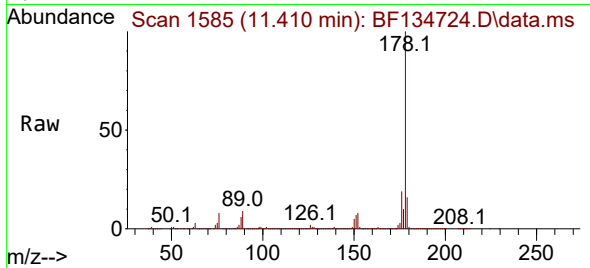




#72
 Anthracene
 Concen: 60.774 ng
 RT: 11.410 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

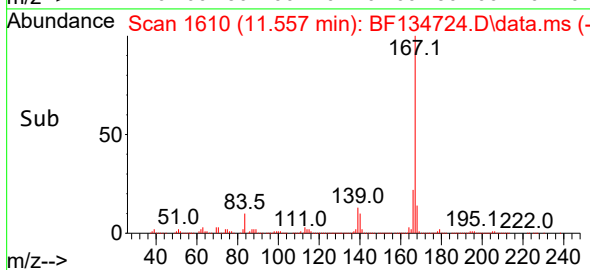
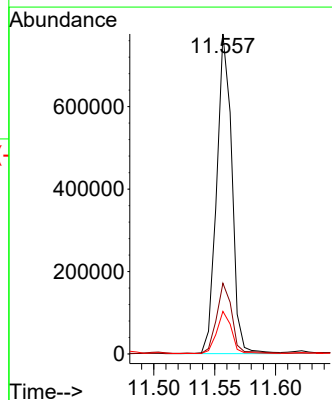
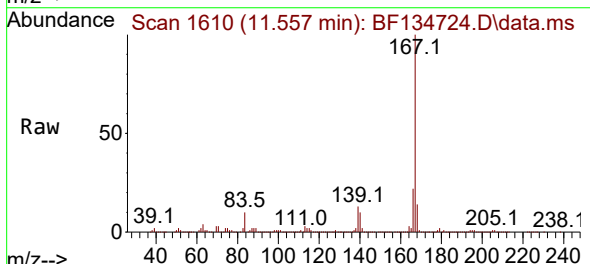
Instrument :
 BNA_F
 ClientSampleId :
 WC-19

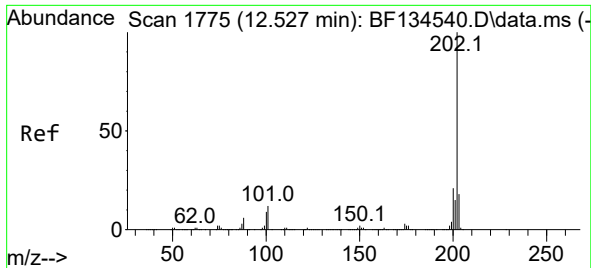
Tgt Ion:178 Resp: 1487690
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 21.8
 179 15.9 12.3 18.5



#73
 Carbazole
 Concen: 30.773 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF134724.D
 Acq: 11 Aug 2023 10:23

Tgt Ion:167 Resp: 672592
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.3 11.0 16.4

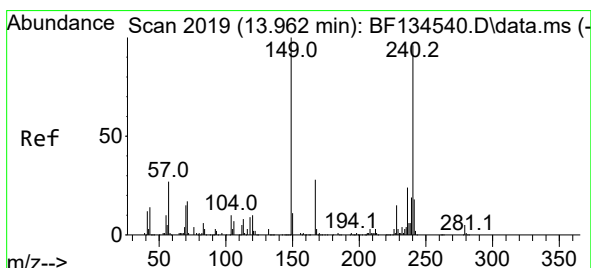
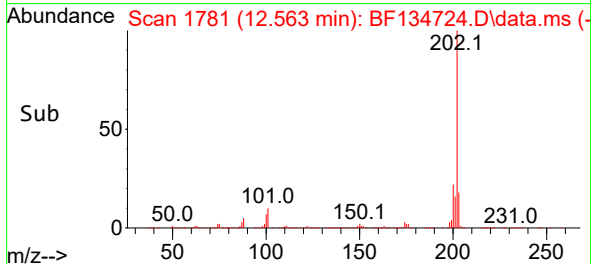
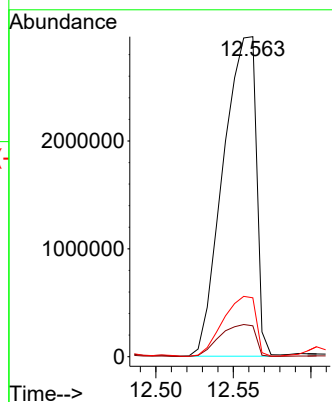
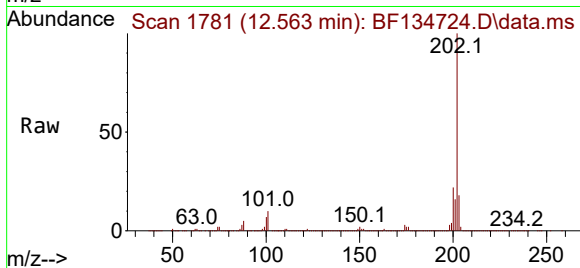




#75
Fluoranthene
Concen: 173.661 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

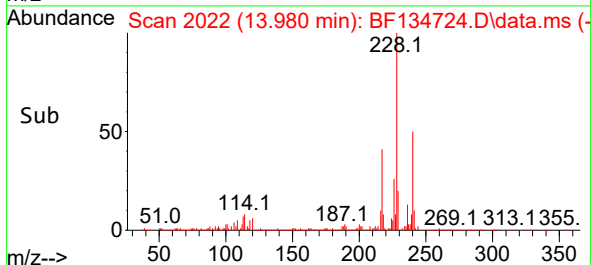
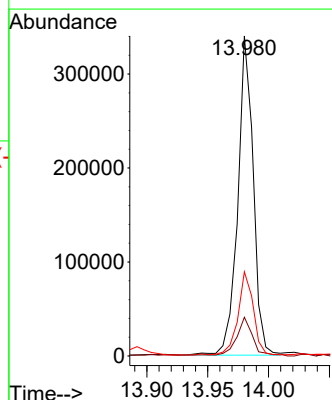
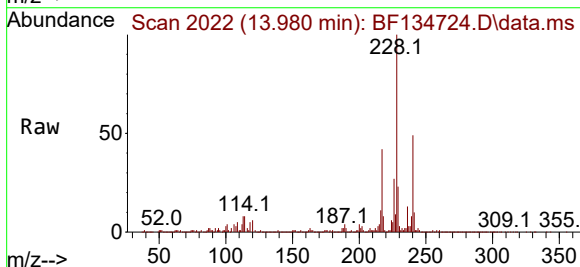
Instrument :
BNA_F
ClientSampleId :
WC-19

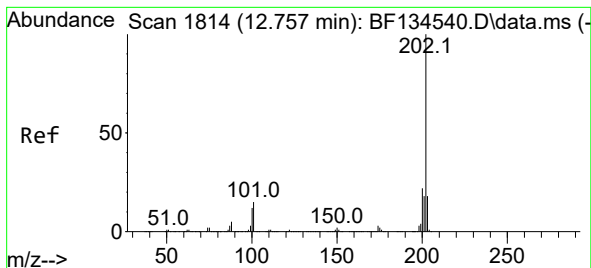
Tgt Ion:202 Resp: 4396141
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.5
203 18.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:240 Resp: 300184
Ion Ratio Lower Upper
240 100
120 12.1 6.6 10.0#
236 26.3 20.2 30.2





#78

Pyrene

Concen: 159.151 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.018 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

WC-19

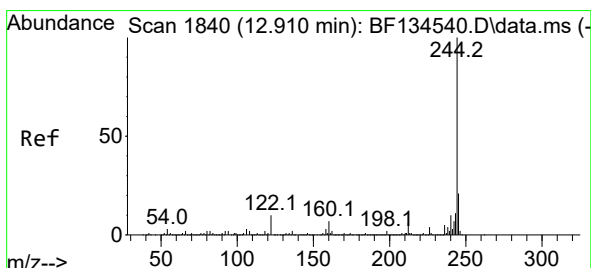
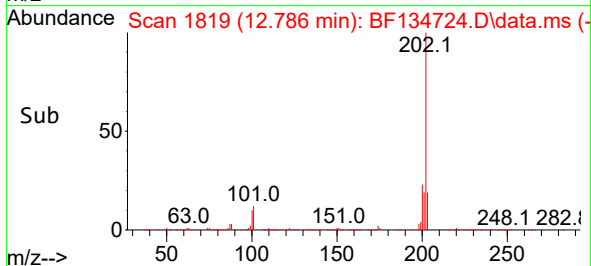
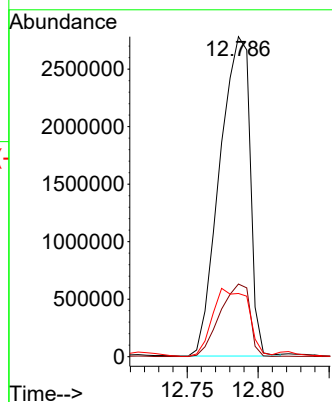
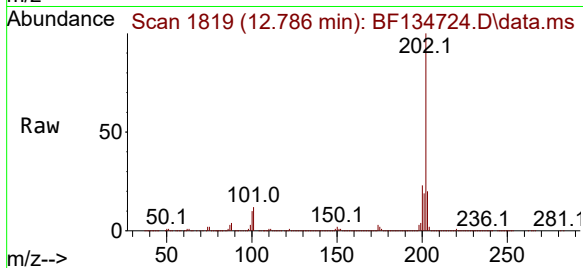
Tgt Ion:202 Resp: 4134007

Ion Ratio Lower Upper

202 100

200 22.7 15.8 23.8

203 19.8 13.5 20.3



#79

Terphenyl-d14

Concen: 5.529 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

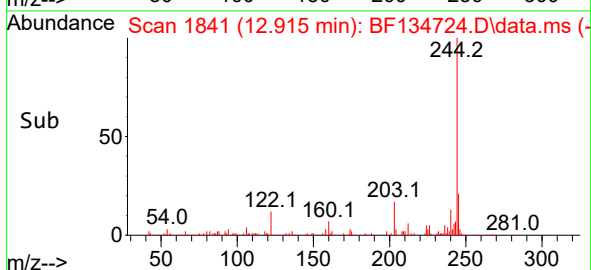
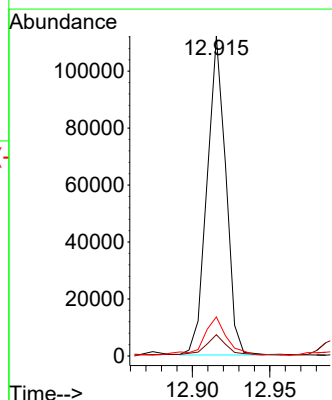
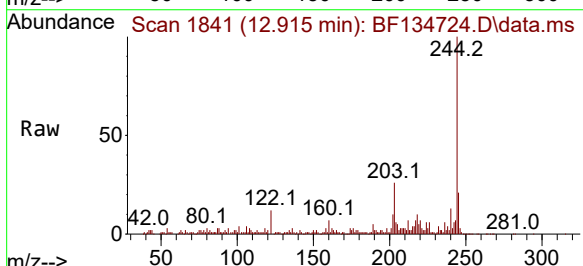
Tgt Ion:244 Resp: 94148

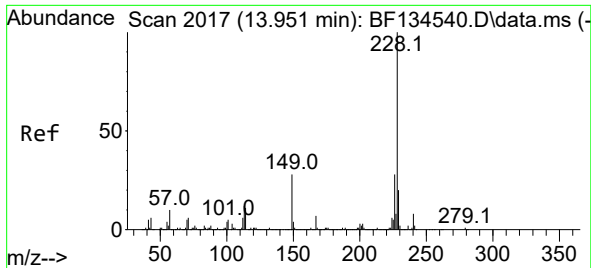
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 12.2 8.0 12.0#

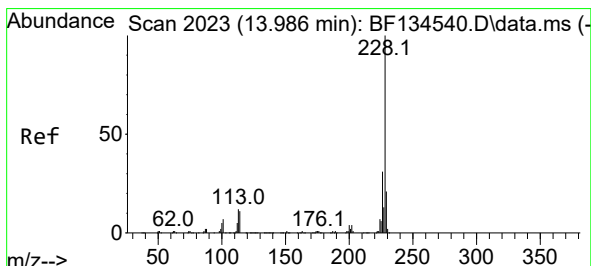
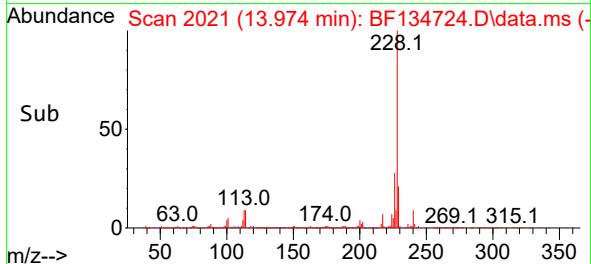
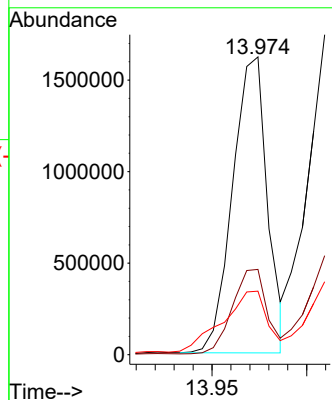
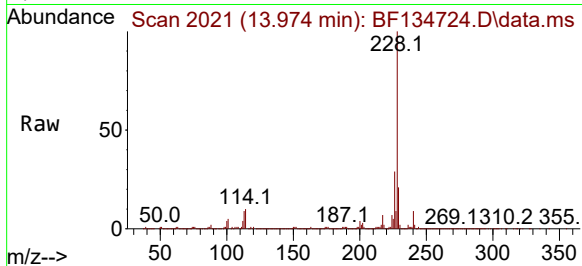




#81
Benzo(a)anthracene
Concen: 96.075 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

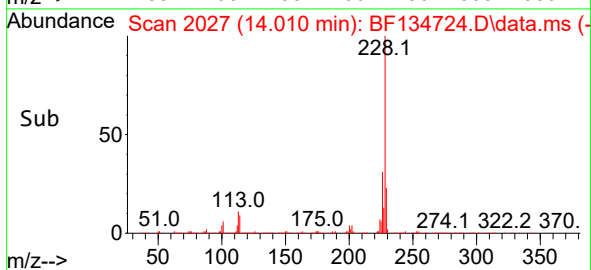
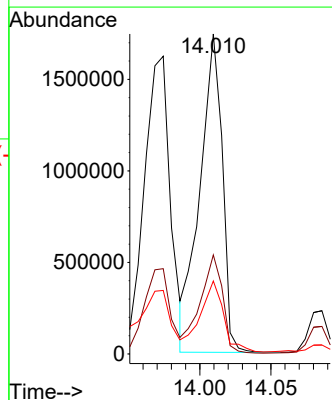
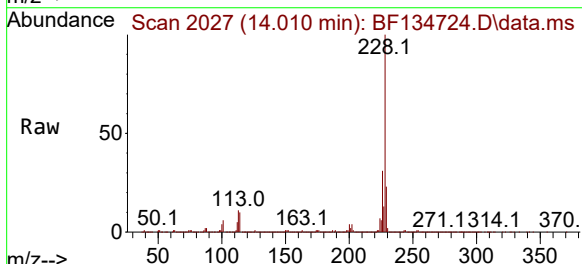
Instrument :
BNA_F
ClientSampleId :
WC-19

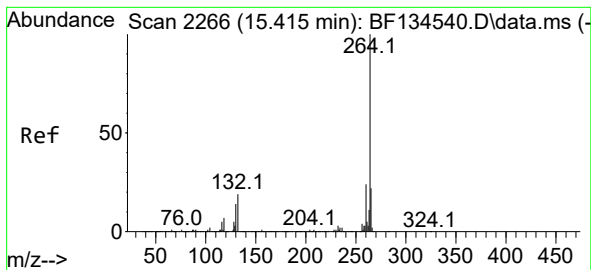
Tgt Ion:228 Resp: 2062215
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 21.3 15.8 23.6



#83
Chrysene
Concen: 91.299 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:228 Resp: 1909255
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.8 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

WC-19

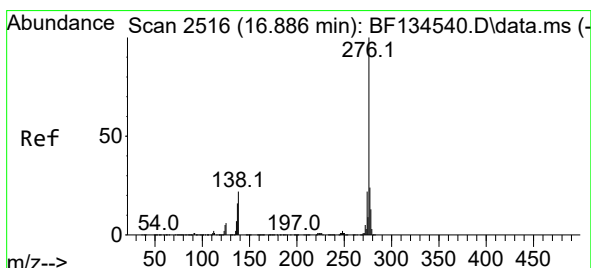
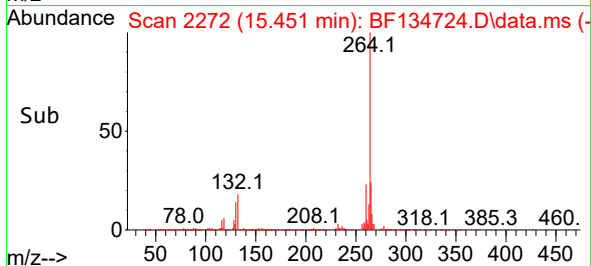
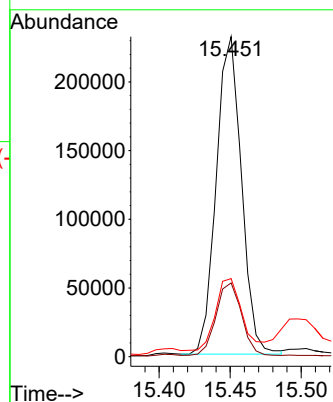
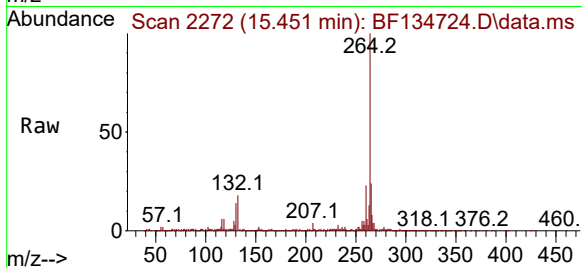
Tgt Ion:264 Resp: 285084

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 24.4 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.670 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.018 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

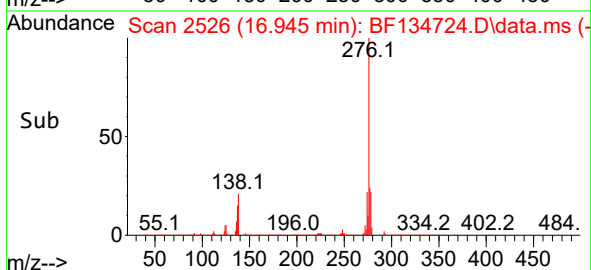
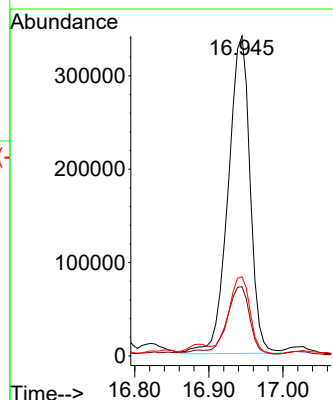
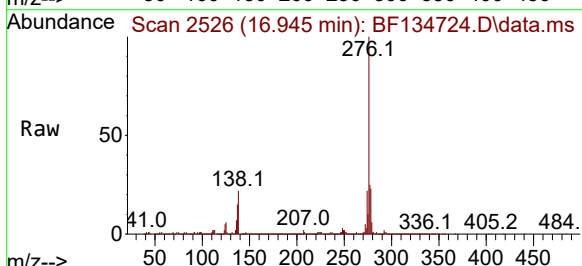
Tgt Ion:276 Resp: 698659

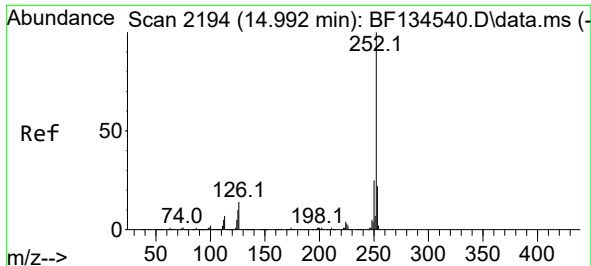
Ion Ratio Lower Upper

276 100

138 22.6 14.2 21.4#

277 24.2 19.9 29.9

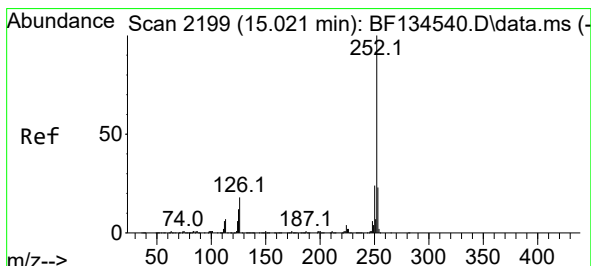
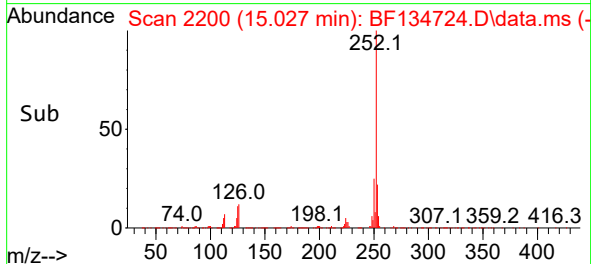
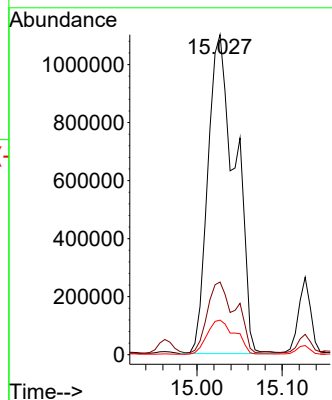
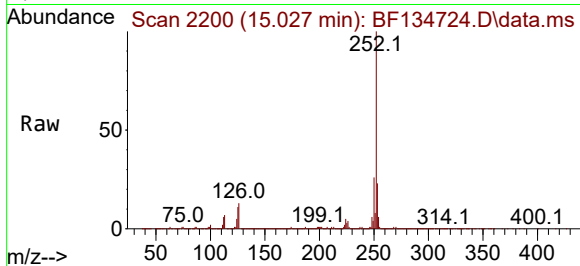




#88
Benzo(b)fluoranthene
Concen: 141.891 ng
RT: 15.027 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

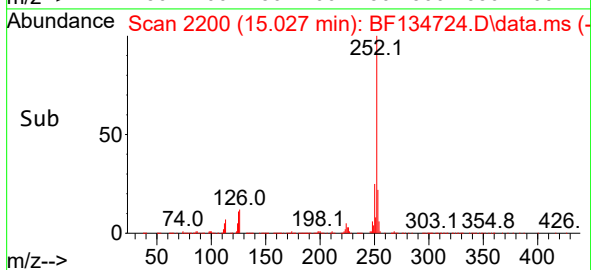
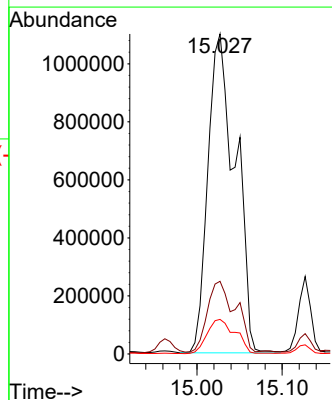
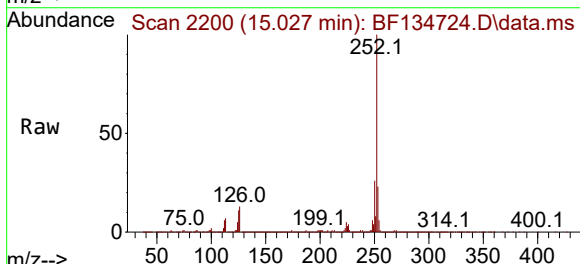
Instrument :
BNA_F
ClientSampleId :
WC-19

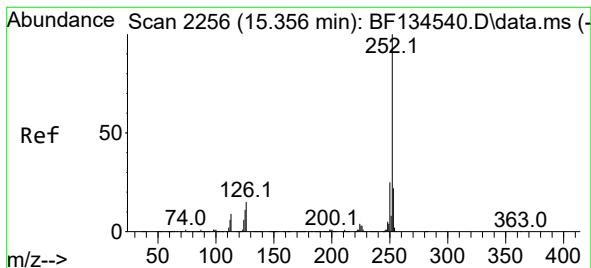
Tgt Ion:252 Resp: 2467064
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.8 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 142.437 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Tgt Ion:252 Resp: 2467064
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.8 6.3 9.5#





#90

Benzo(a)pyrene

Concen: 81.821 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

WC-19

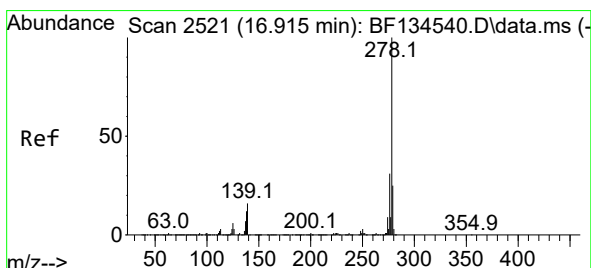
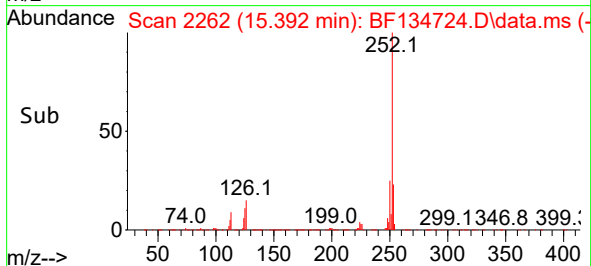
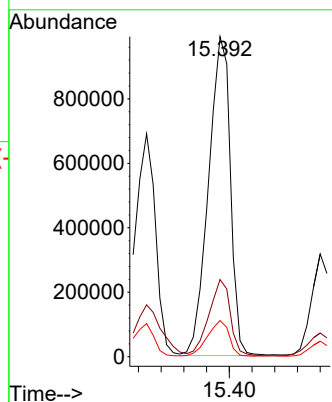
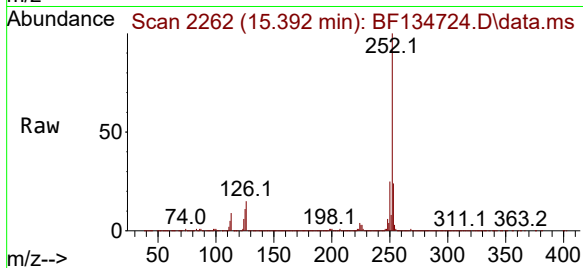
Tgt Ion:252 Resp: 1326425

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.4

125 11.3 6.2 9.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.649 ng

RT: 16.886 min Scan# 2516

Delta R.T. -0.065 min

Lab File: BF134724.D

Acq: 11 Aug 2023 10:23

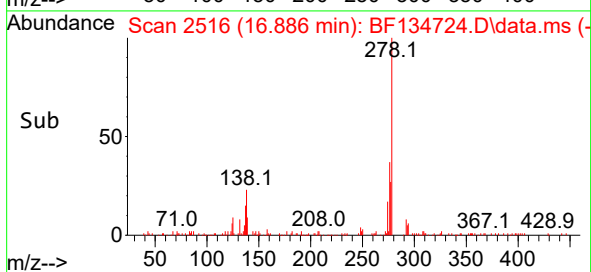
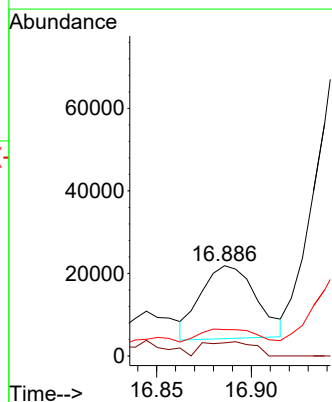
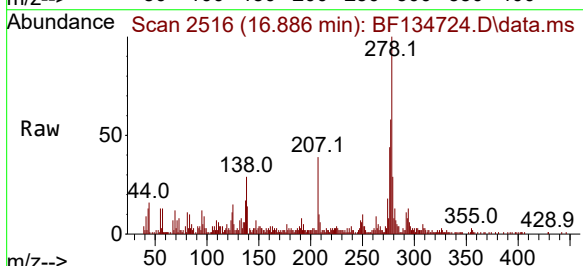
Tgt Ion:278 Resp: 35893

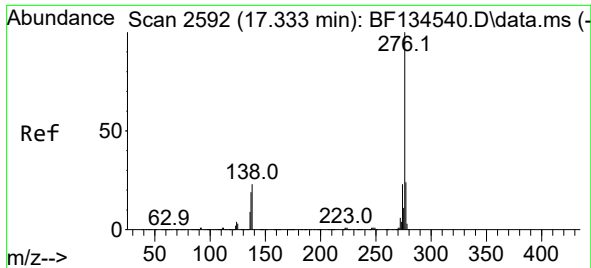
Ion Ratio Lower Upper

278 100

139 14.5 10.0 15.0

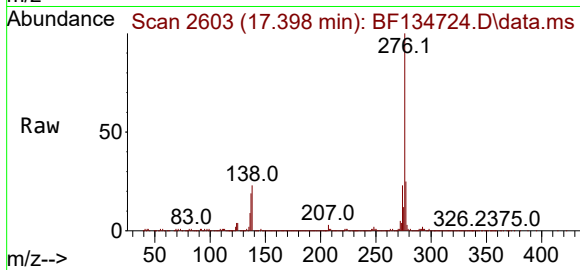
279 29.3 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 47.472 ng
RT: 17.398 min Scan# 20
Delta R.T. 0.023 min
Lab File: BF134724.D
Acq: 11 Aug 2023 10:23

Instrument :
BNA_F
ClientSampleId :
WC-19



Tgt Ion:276 Resp: 656149
Ion Ratio Lower Upper
276 100
277 25.3 19.0 28.6
138 23.1 12.2 18.2#

