

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134598.D
 Acq On : 03 Aug 2023 00:54
 Operator : CG\JU
 Sample : 03598-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-57-(5-7)

Quant Time: Aug 03 01:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

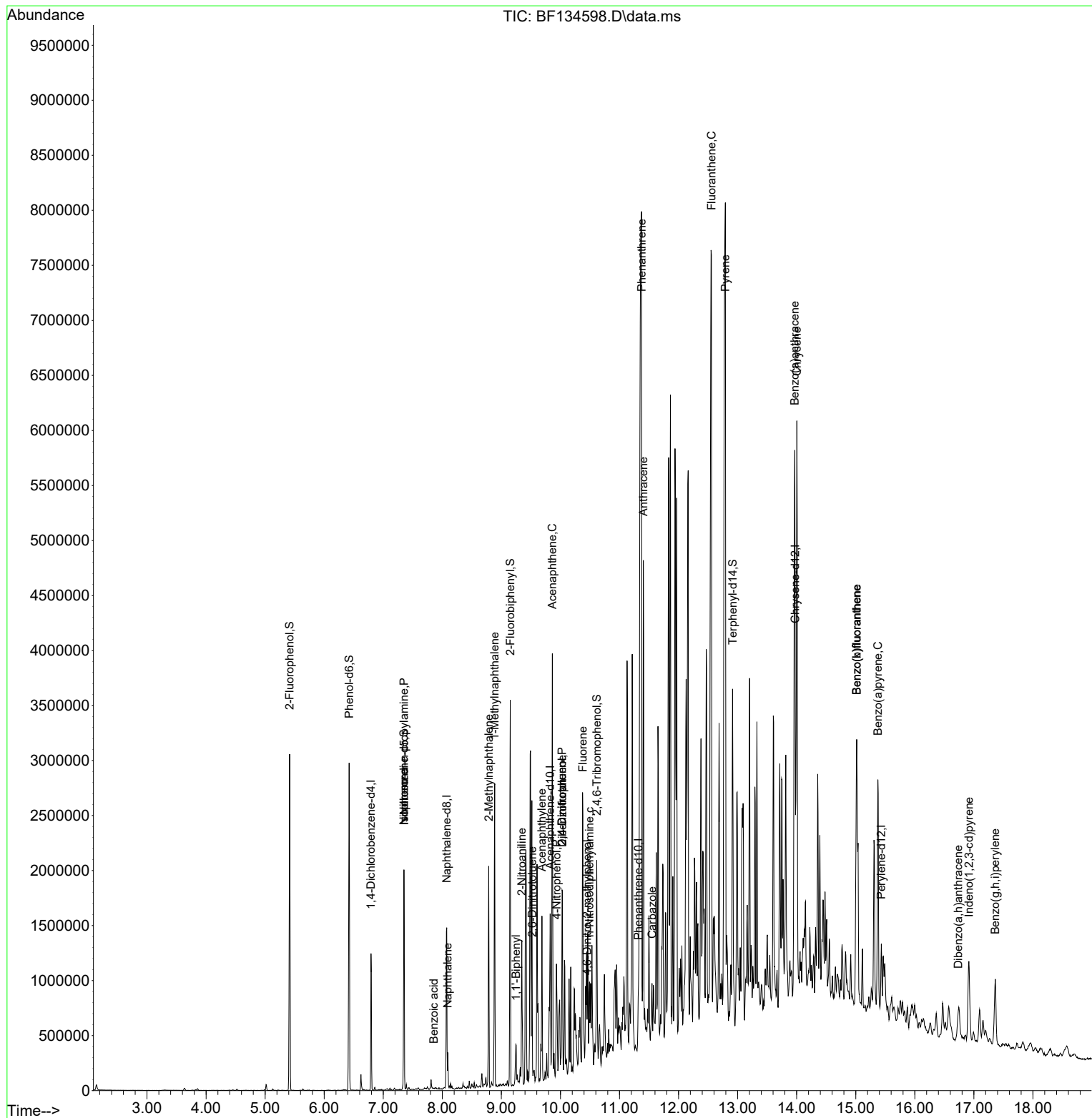
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	171659	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	635316	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	259754	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	408310	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	251860	20.000	ng	# 0.01
86) Perylene-d12	15.433	264	232722	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	795439	70.439	ng	0.00
7) Phenol-d6	6.422	99	1013092	70.181	ng	0.00
23) Nitrobenzene-d5	7.351	82	579913	57.043	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	139421	52.653	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	965945	61.830	ng	0.00
79) Terphenyl-d14	12.915	244	917986	64.253	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	1556	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.351	70	76575	8.860	ng	# 75
25) Isophorone	7.351	82	578744	26.101	ng	# 65
31) Naphthalene	8.092	128	108492	3.398	ng	98
32) Benzoic acid	7.857	122	214	7.895	ng	# 33
37) 2-Methylnaphthalene	8.786	142	483797	22.859	ng	99
38) 1-Methylnaphthalene	8.886	142	643159	32.680	ng	97
46) 1,1'-Biphenyl	9.251	154	97839	4.844	ng	97
48) 2-Nitroaniline	9.345	65	5977	4.349	ng	# 35
49) Acenaphthylene	9.686	152	111177	4.673	ng	# 66
51) 2,6-Dinitrotoluene	9.522	165	2160	3.060	ng	# 1
52) Acenaphthene	9.863	154	759304	49.249	ng	99
54) 2,4-Dinitrophenol	10.027	184	289	7.049	ng	# 1
55) Dibenzofuran	10.033	168	305352	13.913	ng	# 90
56) 4-Nitrophenol	9.933	139	24230	7.508	ng	# 12
57) 2,4-Dinitrotoluene	10.027	165	10438	5.092	ng	# 1
58) Fluorene	10.380	166	648315	40.554	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	637	9.015	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	46143	3.551	ng	# 54
71) Phenanthrene	11.374	178	7005308	323.007	ng	98
72) Anthracene	11.404	178	1714878	77.411	ng	98
73) Carbazole	11.551	167	179705	9.085	ng	99
75) Fluoranthene	12.557	202	4326069	188.836	ng	97
78) Pyrene	12.792	202	5844404	268.168	ng	93
81) Benzo(a)anthracene	13.968	228	2643846	146.805	ng	98
83) Chrysene	14.004	228	2330056	132.799	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	534522	39.053	ng	# 94
88) Benzo(b)fluoranthene	15.015	252	1969045	138.729	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	1969045	139.263	ng	# 97
90) Benzo(a)pyrene	15.374	252	1123675	84.910	ng	# 95
91) Dibenzo(a,h)anthracene	16.733	278	227054	20.527	ng	98
92) Benzo(g,h,i)perylene	17.362	276	508675	45.083	ng	# 92

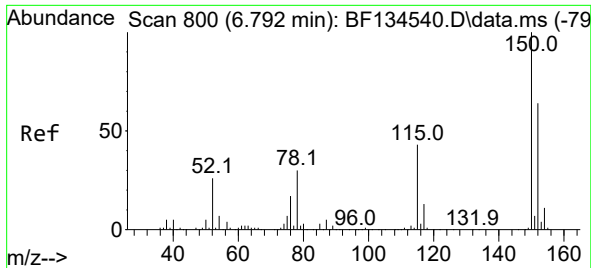
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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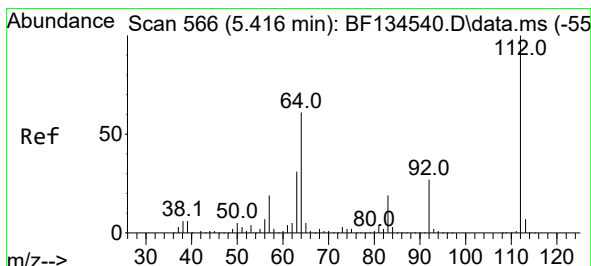
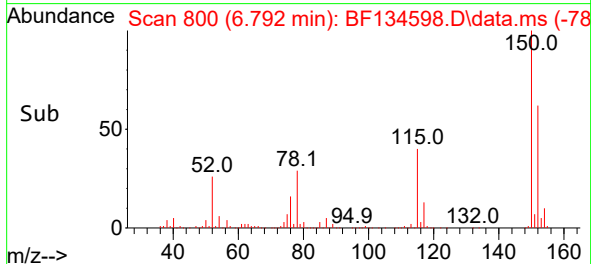
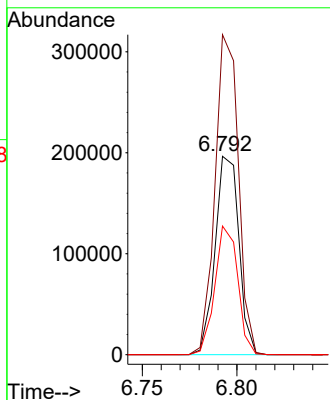
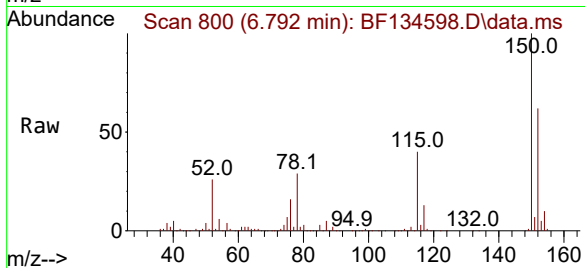




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

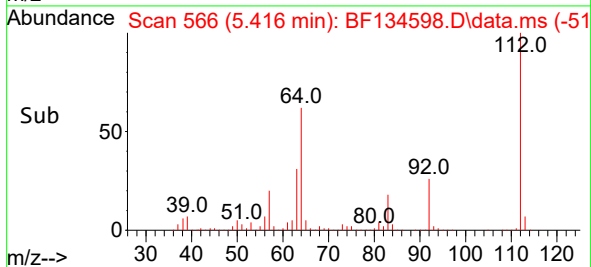
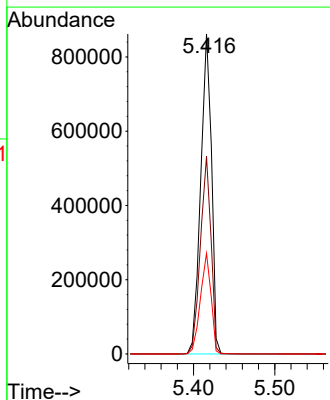
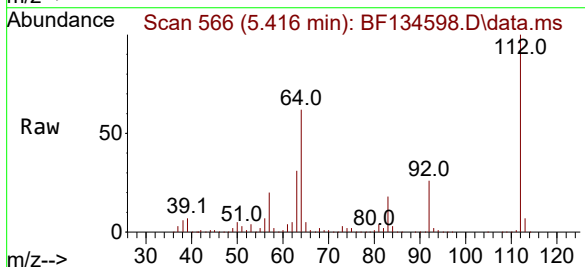
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

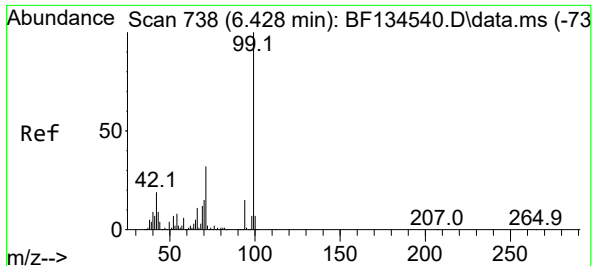
Tgt Ion:152 Resp: 171659
Ion Ratio Lower Upper
152 100
150 161.3 128.3 192.5
115 64.9 52.4 78.6



#5
2-Fluorophenol
Concen: 70.439 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:112 Resp: 795439
Ion Ratio Lower Upper
112 100
64 61.7 44.9 67.3
63 31.4 25.4 38.0

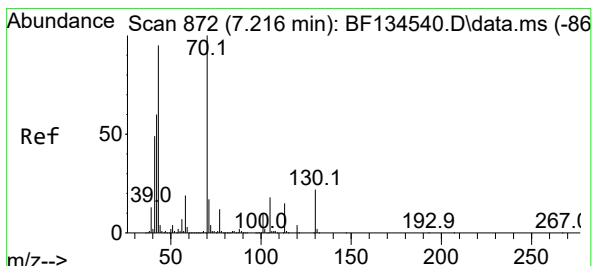
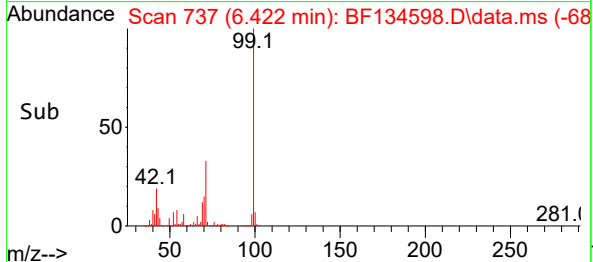
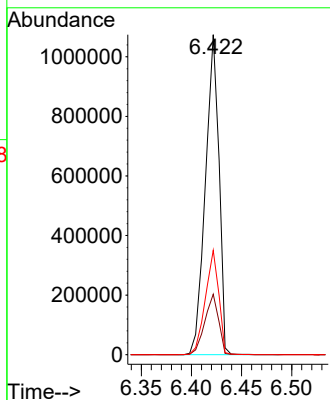
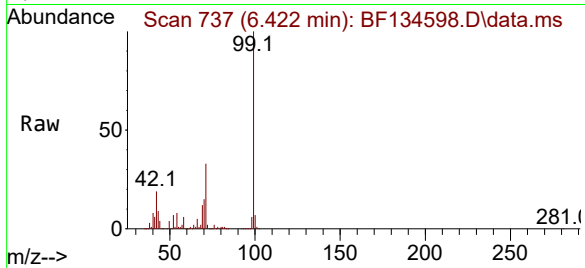




#7
Phenol-d6
Concen: 70.181 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

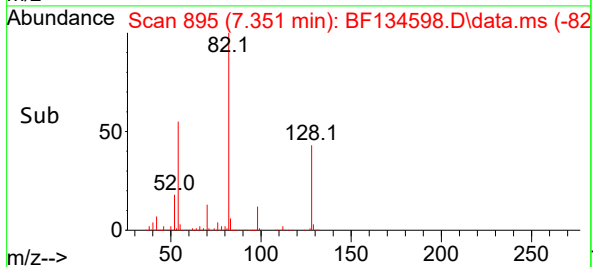
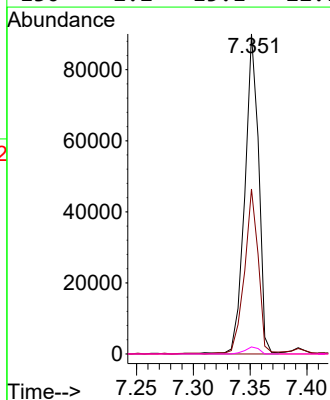
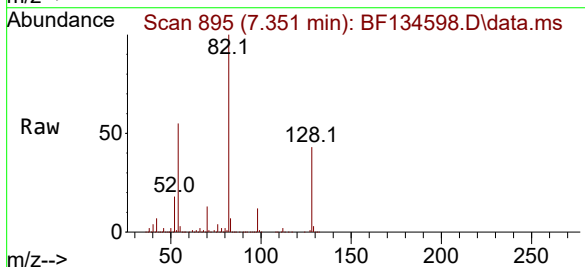
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

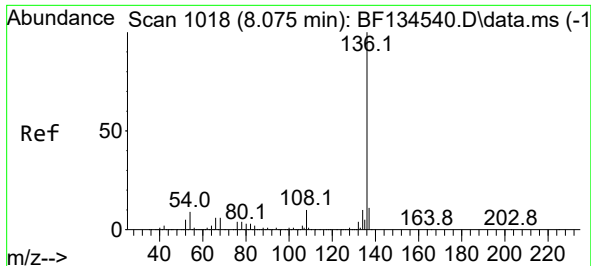
Tgt Ion: 99 Resp: 1013092
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.860 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion: 70 Resp: 76575
Ion Ratio Lower Upper
70 100
42 51.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

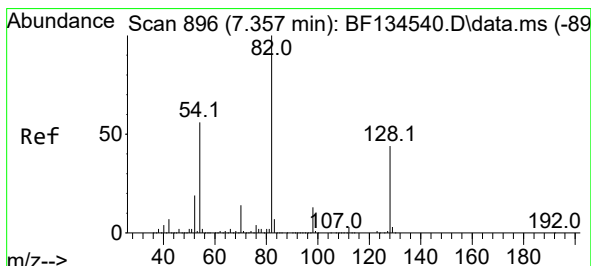
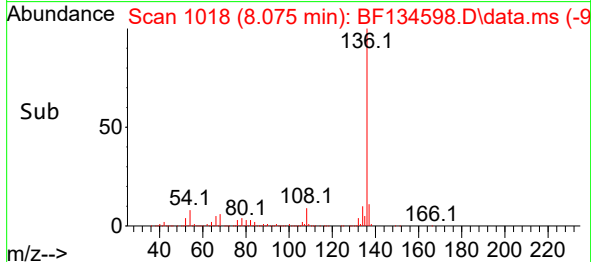
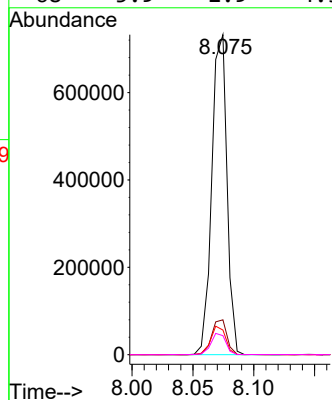
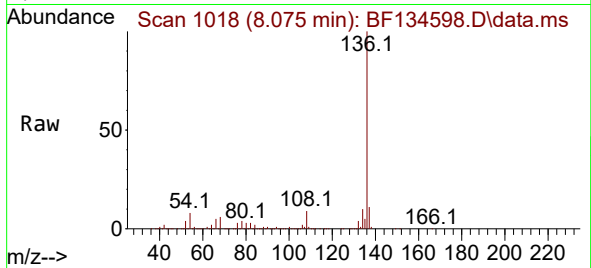




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

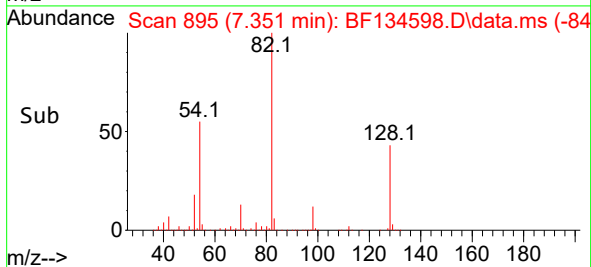
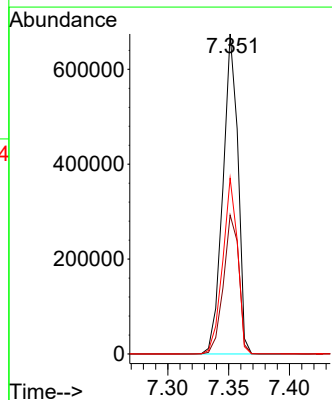
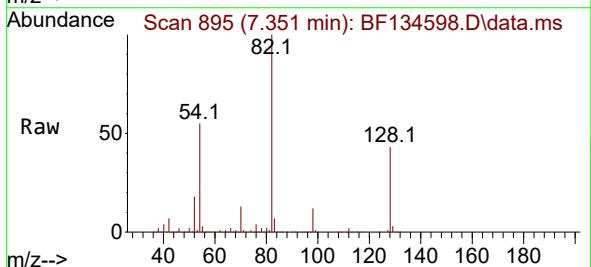
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

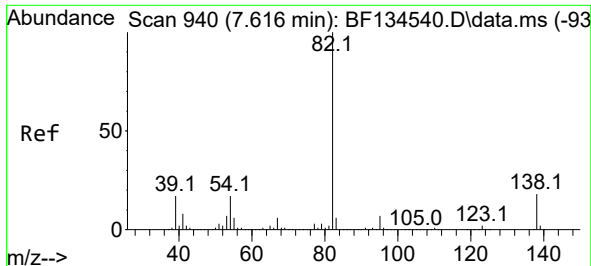
Tgt Ion:136 Resp: 635316
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 5.2 7.8
68 5.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 57.043 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion: 82 Resp: 579913
Ion Ratio Lower Upper
82 100
128 43.4 34.3 51.5
54 55.0 43.8 65.6

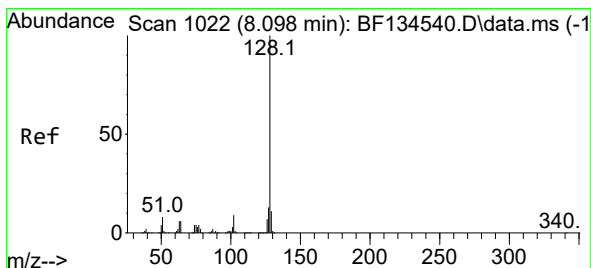
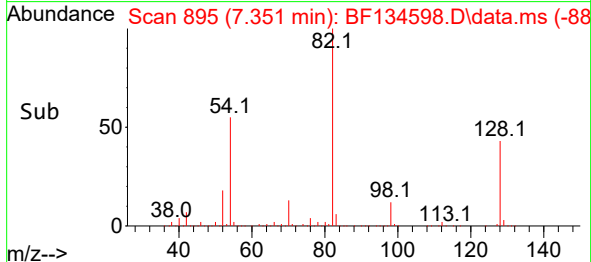
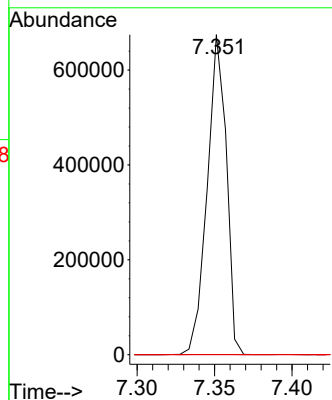
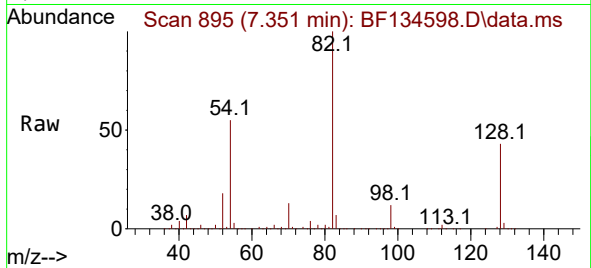




#25
Isophorone
Concen: 26.101 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

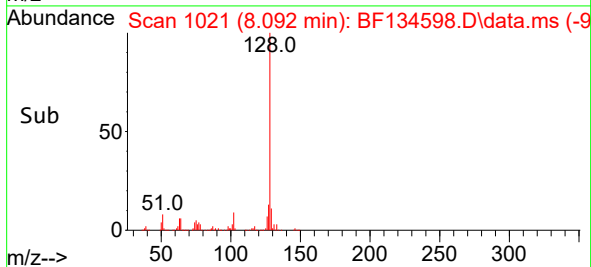
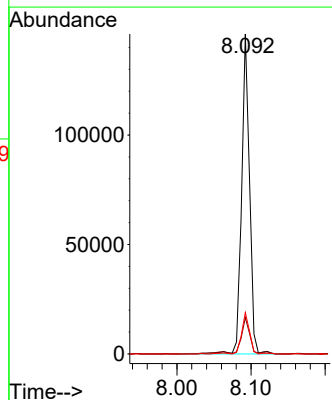
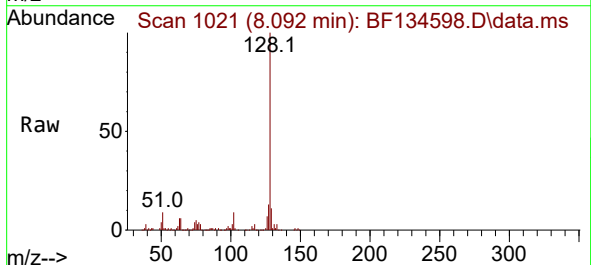
Instrument :
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ClientSampleId :
RB-57-(5-7)

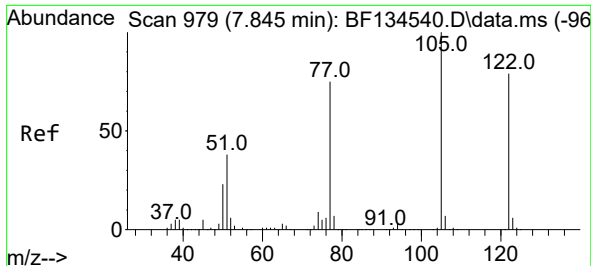
Tgt Ion: 82 Resp: 578744
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#31
Naphthalene
Concen: 3.398 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:128 Resp: 108492
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.0 10.7 16.1

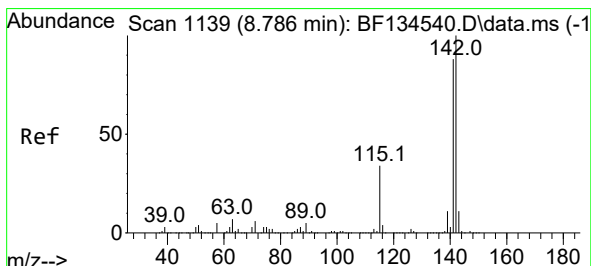
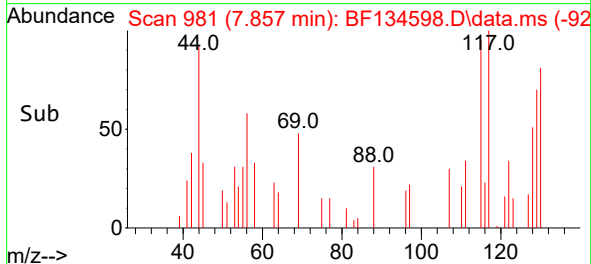
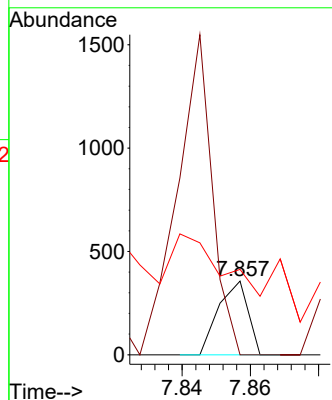
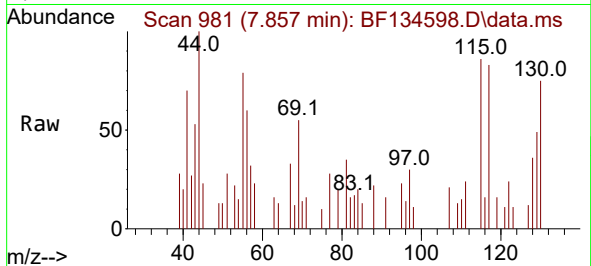




#32
Benzoic acid
Concen: 7.895 ng
RT: 7.857 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

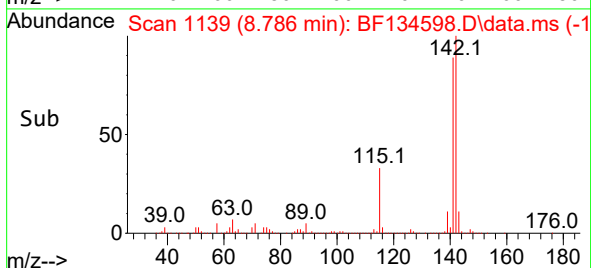
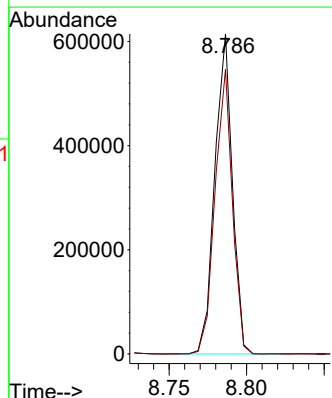
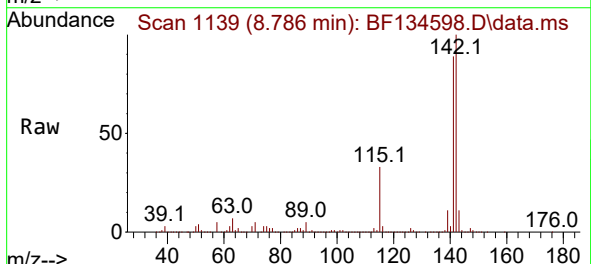
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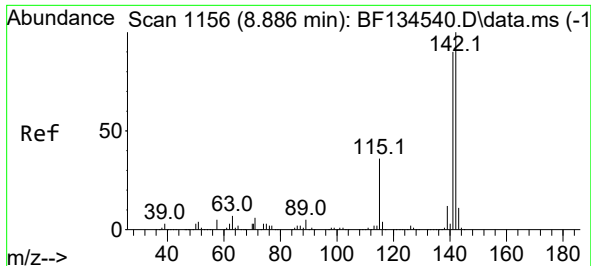
Tgt Ion:122 Resp: 214
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 115.7 71.4 111.4#



#37
2-Methylnaphthalene
Concen: 22.859 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:142 Resp: 483797
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

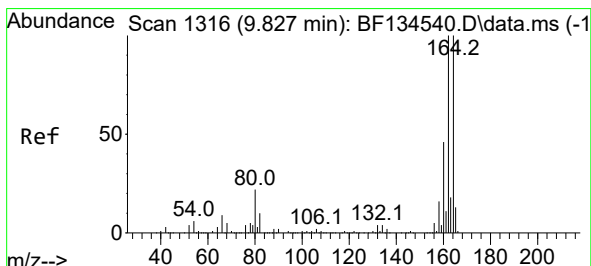
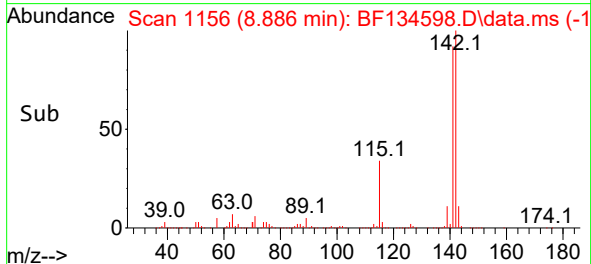
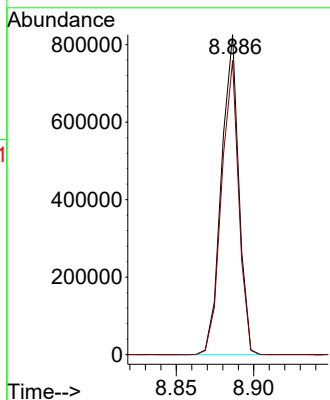
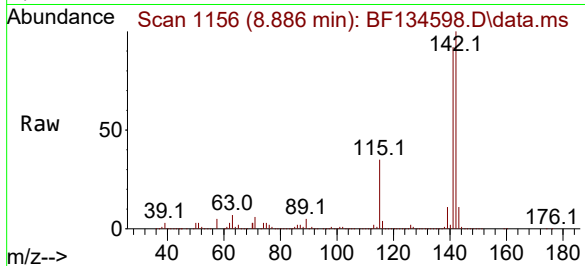




#38
1-Methylnaphthalene
Concen: 32.680 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

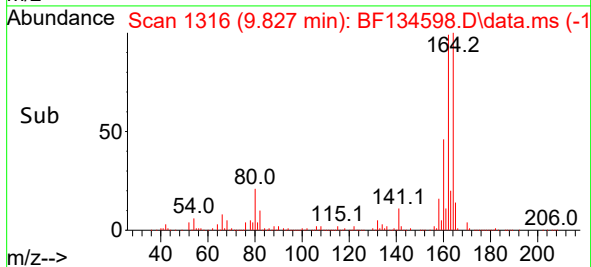
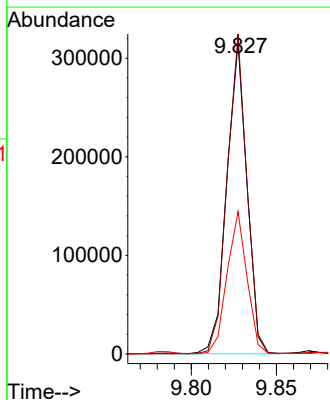
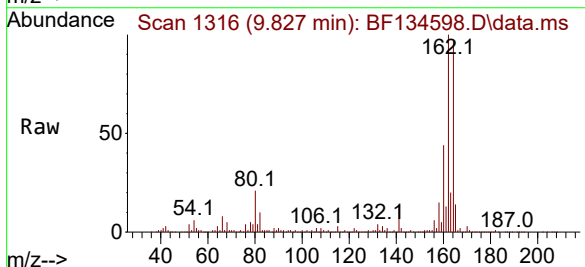
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

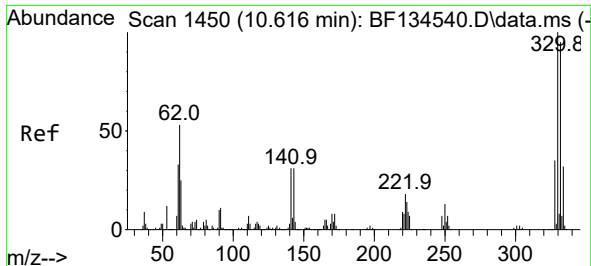
Tgt Ion:142 Resp: 643159
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:164 Resp: 259754
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.8 37.2 55.8

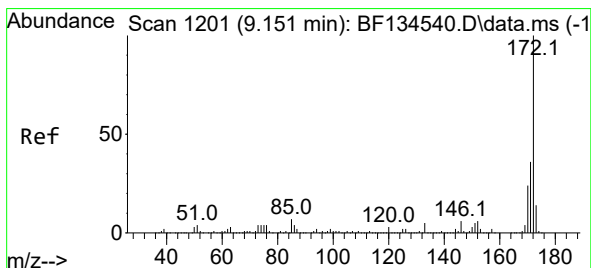
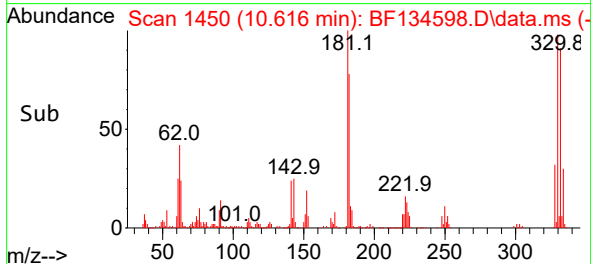
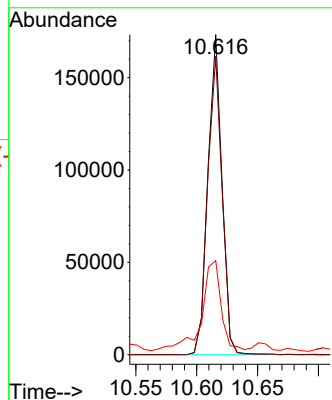
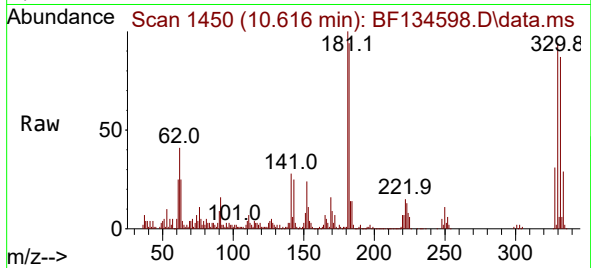




#42
2,4,6-Tribromophenol
Concen: 52.653 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

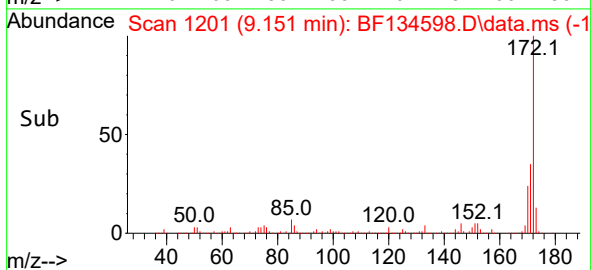
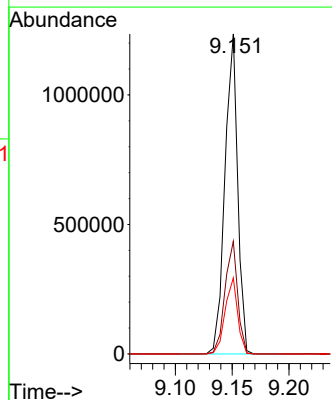
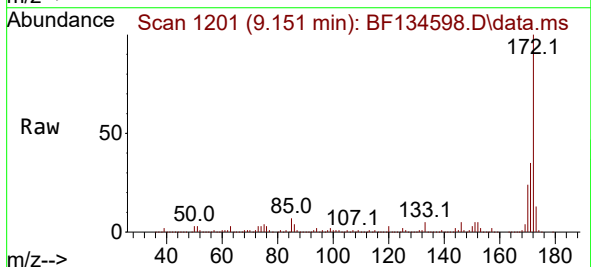
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

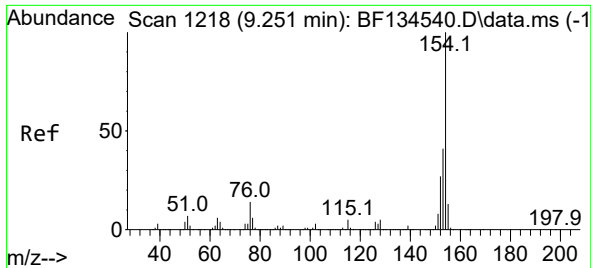
Tgt Ion: 330 Resp: 139421
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 39.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 61.830 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion: 172 Resp: 965945
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.8 18.7 28.1

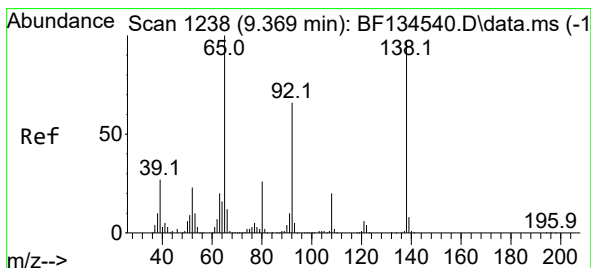
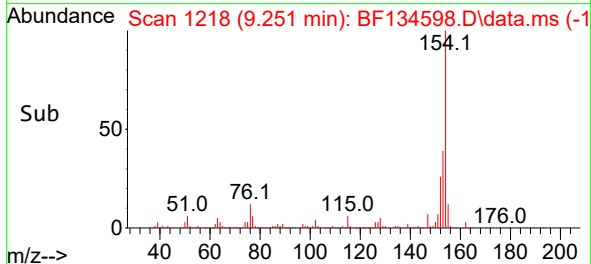
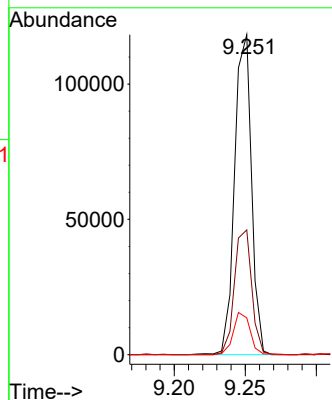
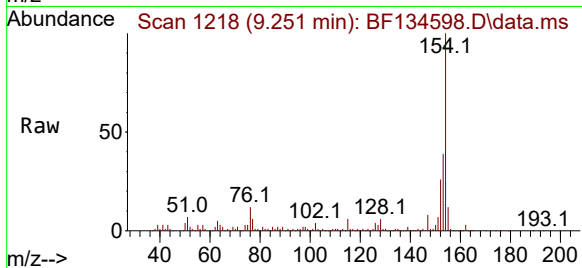




#46
1,1'-Biphenyl
Concen: 4.844 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

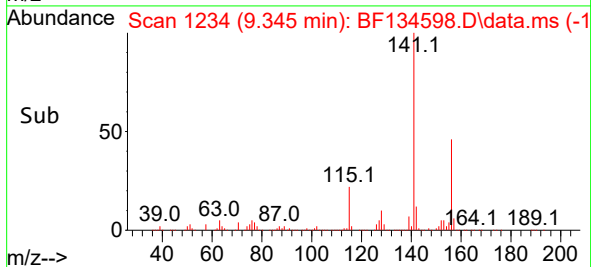
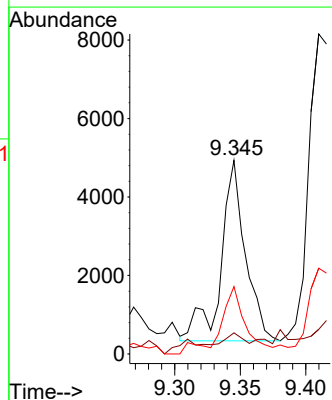
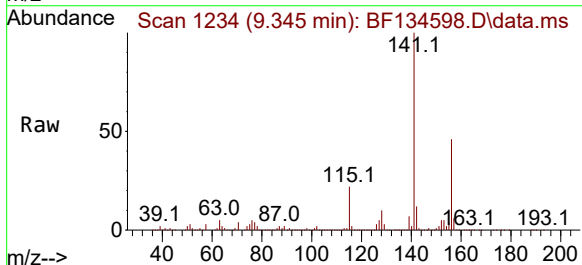
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

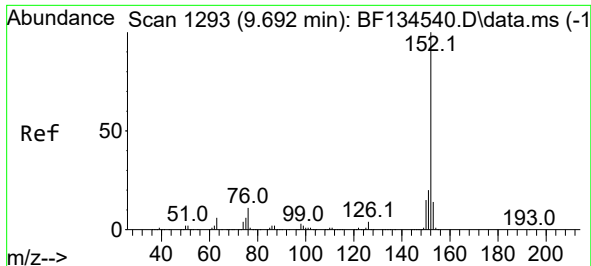
Tgt Ion:154 Resp: 97839
Ion Ratio Lower Upper
154 100
153 39.0 20.8 60.8
76 11.5 0.0 30.2



#48
2-Nitroaniline
Concen: 4.349 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.024 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion: 65 Resp: 5977
Ion Ratio Lower Upper
65 100
92 10.9 50.7 76.1#
138 34.8 78.2 117.4#





#49

Acenaphthylene

Concen: 4.673 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

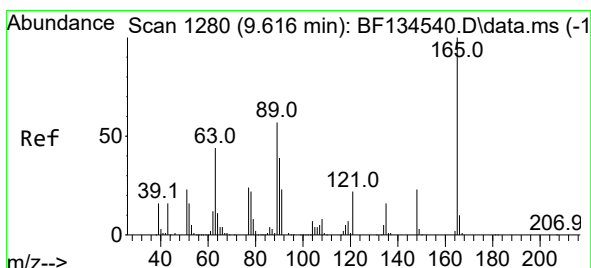
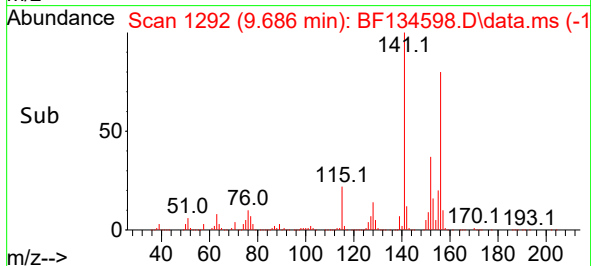
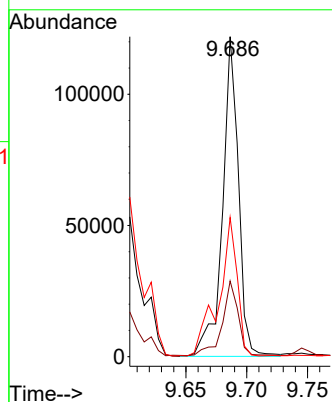
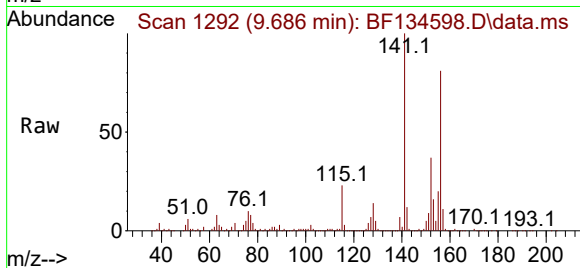
Tgt Ion:152 Resp: 111177

Ion Ratio Lower Upper

152 100

151 23.7 16.4 24.6

153 43.5 10.9 16.3#



#51

2,6-Dinitrotoluene

Concen: 3.060 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.094 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

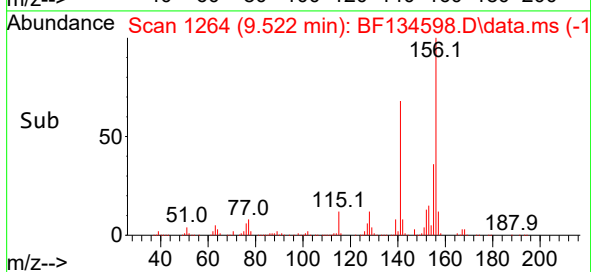
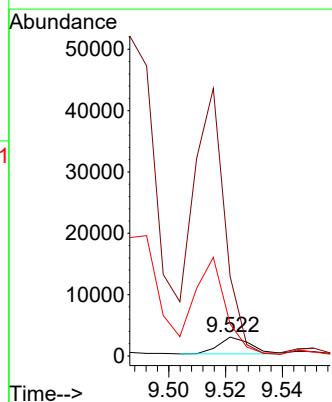
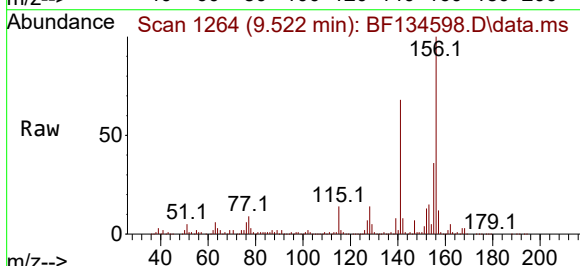
Tgt Ion:165 Resp: 2160

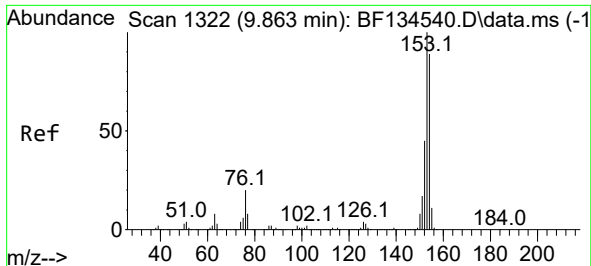
Ion Ratio Lower Upper

165 100

63 422.1 57.8 86.6#

89 170.1 51.8 77.8#

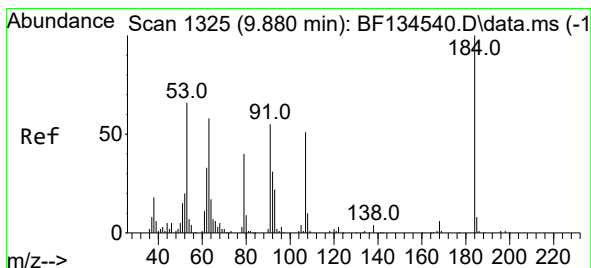
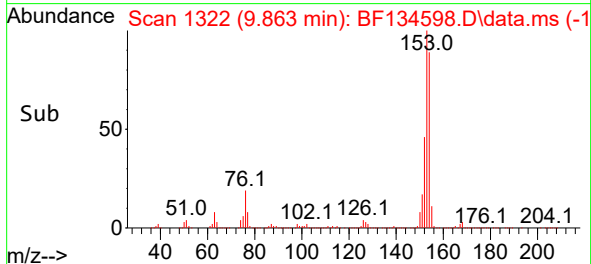
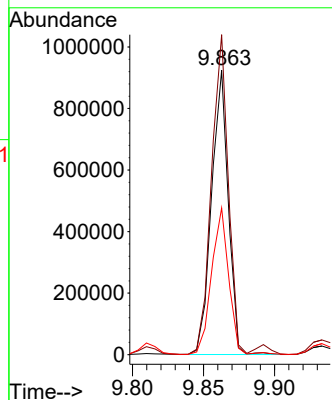
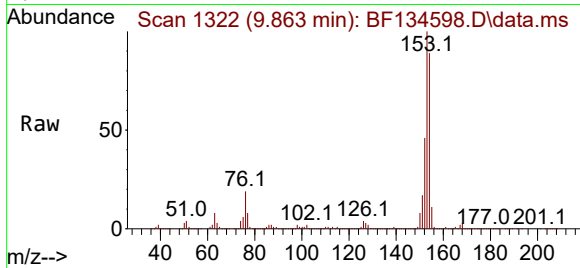




#52
Acenaphthene
Concen: 49.249 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

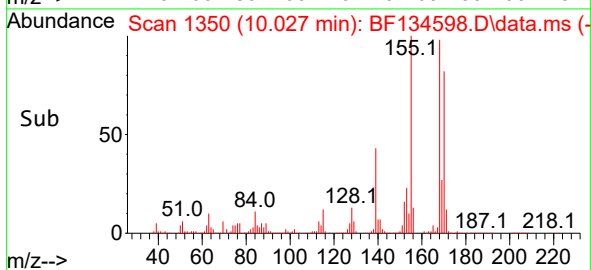
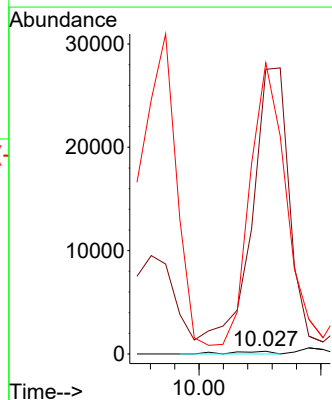
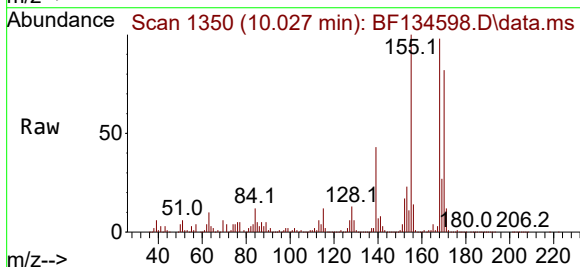
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

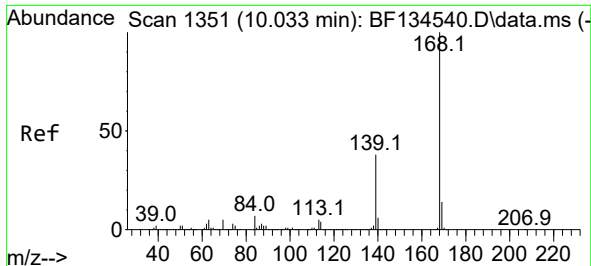
Tgt Ion:154 Resp: 759304
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 51.6 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.049 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.147 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:184 Resp: 289
Ion Ratio Lower Upper
184 100
63 10239.4 57.1 85.7#
154 10477.3 59.1 88.7#

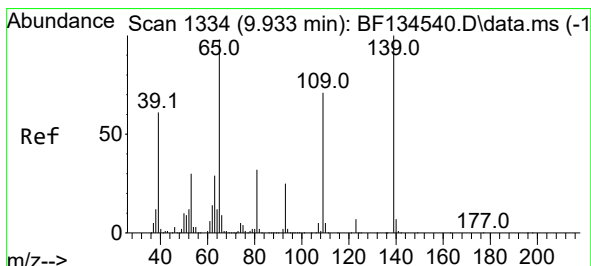
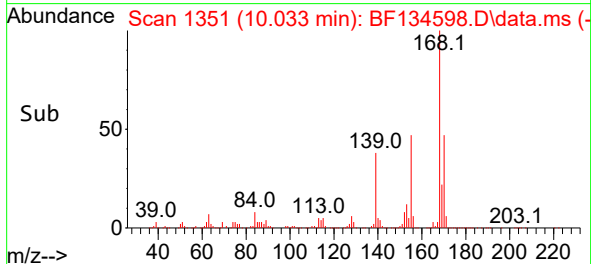
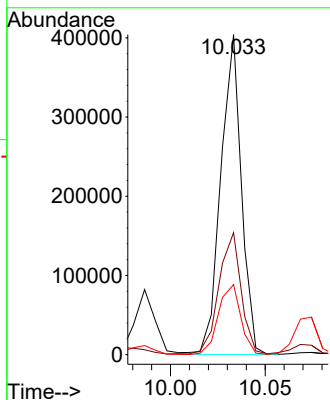
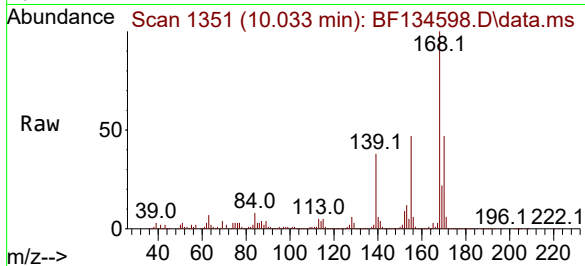




#55
Dibenzofuran
Concen: 13.913 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

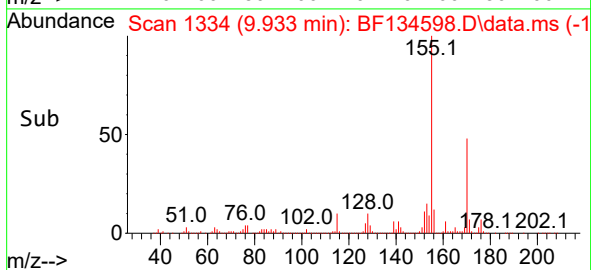
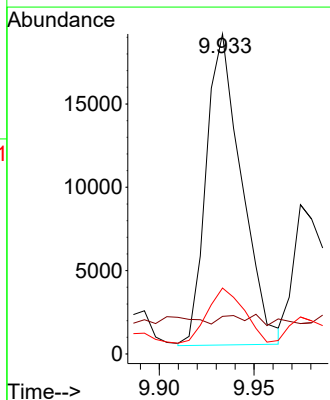
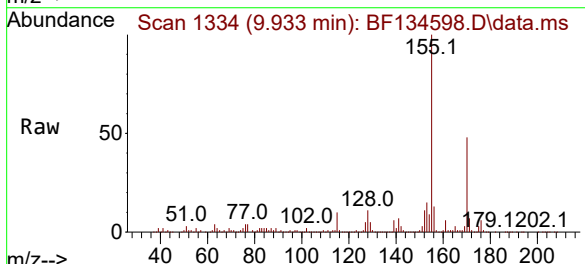
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

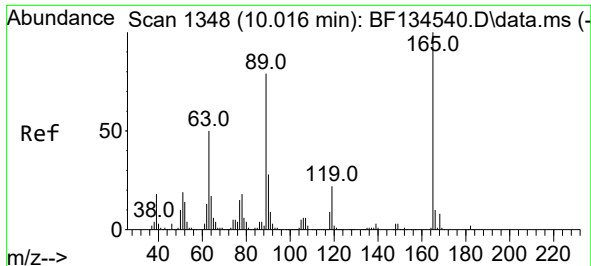
Tgt Ion:168 Resp: 305352
Ion Ratio Lower Upper
168 100
139 38.2 33.4 50.2
169 21.9 10.6 15.8#



#56
4-Nitrophenol
Concen: 7.508 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:139 Resp: 24230
Ion Ratio Lower Upper
139 100
109 11.7 76.9 116.9#
65 20.6 98.5 138.5#





#57

2,4-Dinitrotoluene

Concen: 5.092 ng

RT: 10.027 min Scan# 1

Delta R.T. 0.011 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

Tgt Ion:165 Resp: 10438

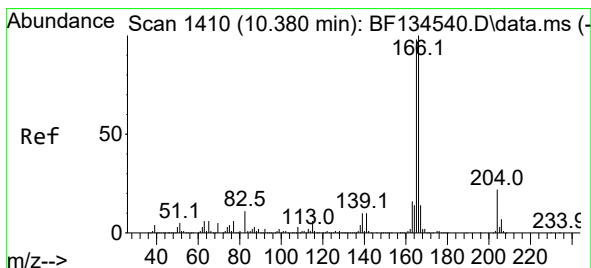
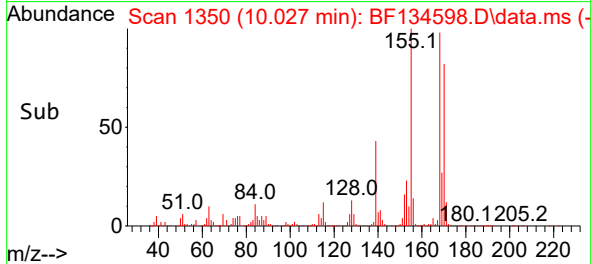
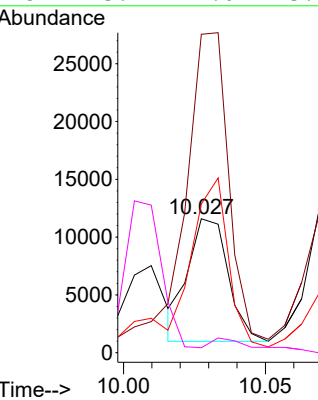
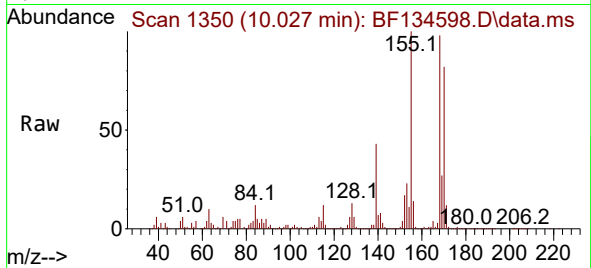
Ion Ratio Lower Upper

165 100

63 237.8 48.9 73.3#

89 111.1 61.7 92.5#

182 3.7 2.0 3.0#



#58

Fluorene

Concen: 40.554 ng

RT: 10.380 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

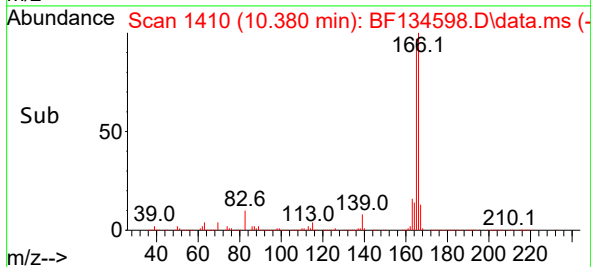
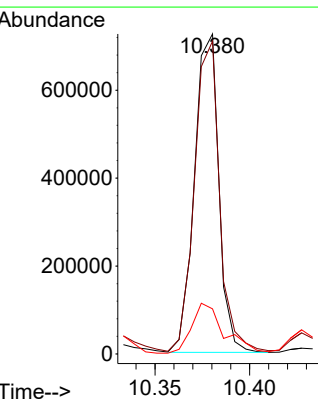
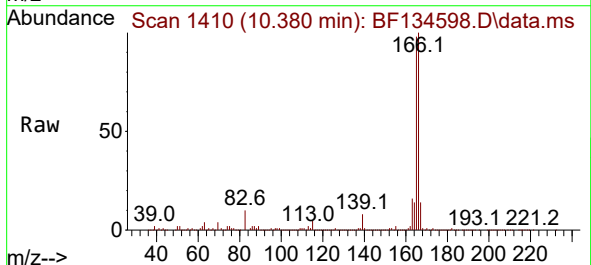
Tgt Ion:166 Resp: 648315

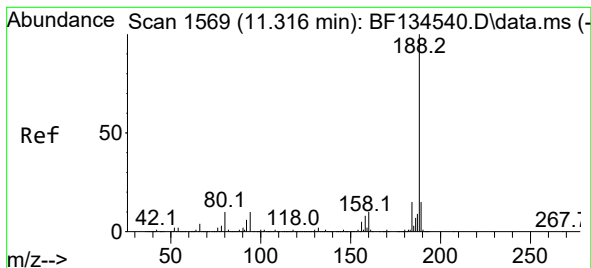
Ion Ratio Lower Upper

166 100

165 97.7 74.5 111.7

167 14.1 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

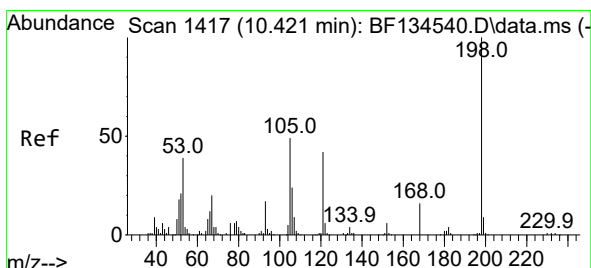
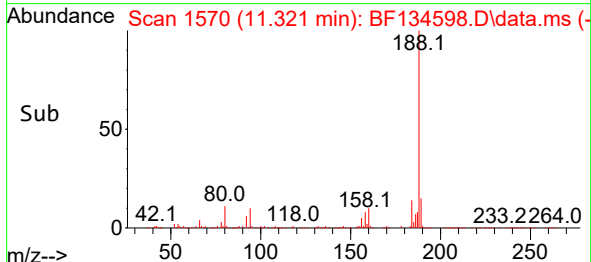
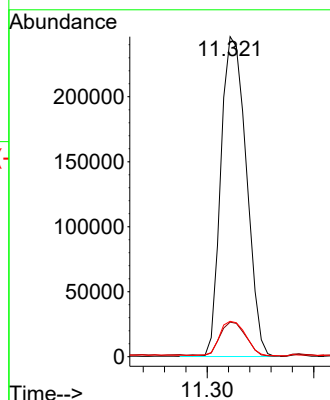
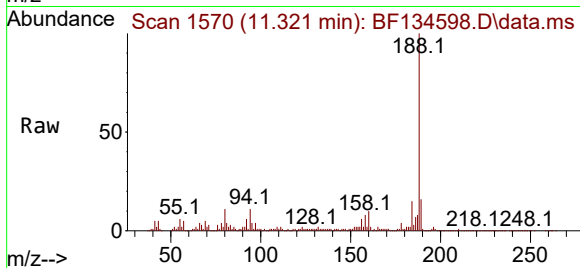
Tgt Ion:188 Resp: 408310

Ion Ratio Lower Upper

188 100

94 10.8 5.1 7.7#

80 11.0 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 9.015 ng

RT: 10.451 min Scan# 1422

Delta R.T. 0.030 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

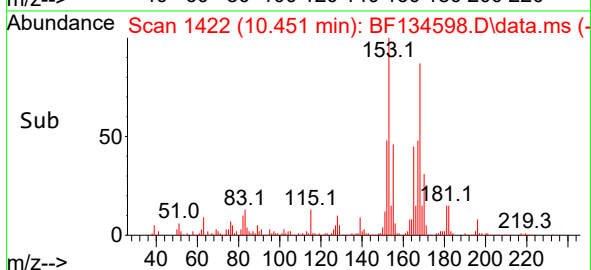
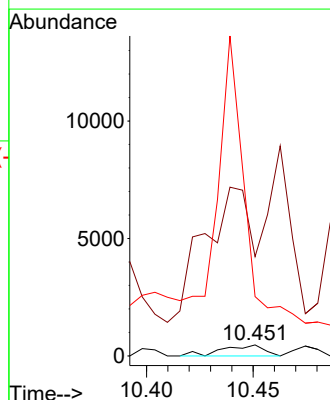
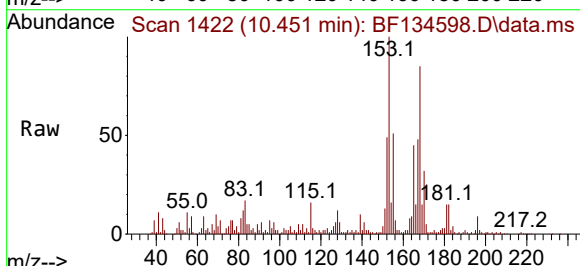
Tgt Ion:198 Resp: 637

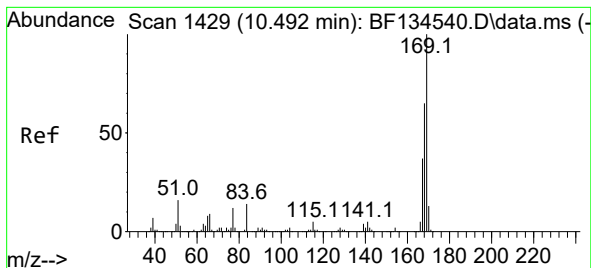
Ion Ratio Lower Upper

198 100

51 898.3 38.6 78.6#

105 536.9 27.9 67.9#

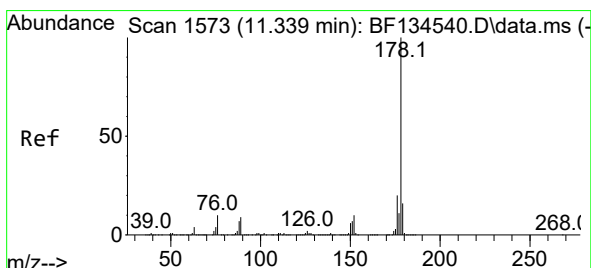
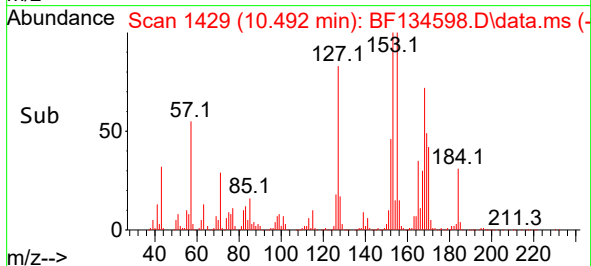
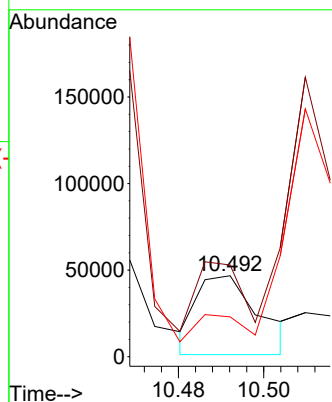
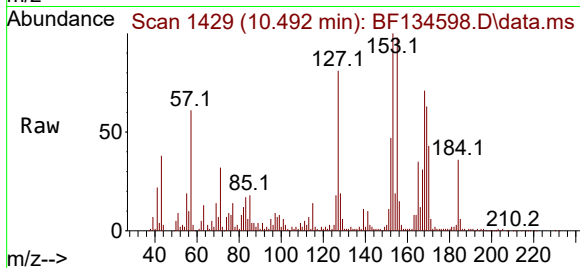




#66
 n-Nitrosodiphenylamine
 Concen: 3.551 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. 0.000 min
 Lab File: BF134598.D
 Acq: 03 Aug 2023 00:54

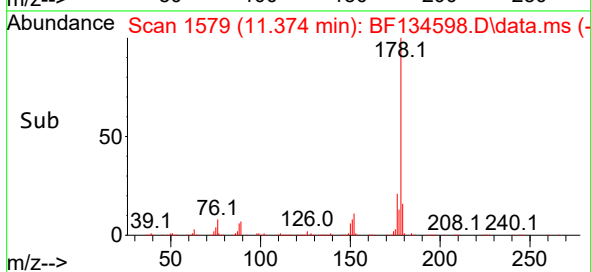
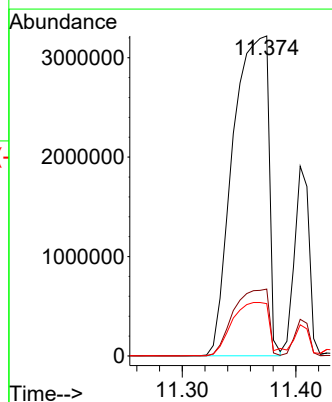
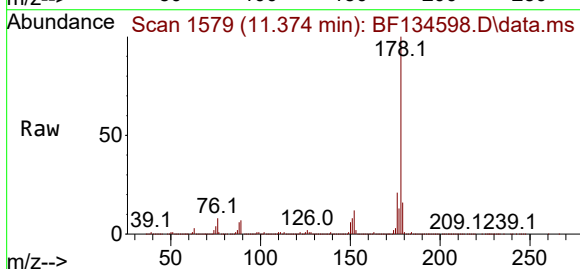
Instrument :
 BNA_F
 ClientSampleId :
 RB-57-(5-7)

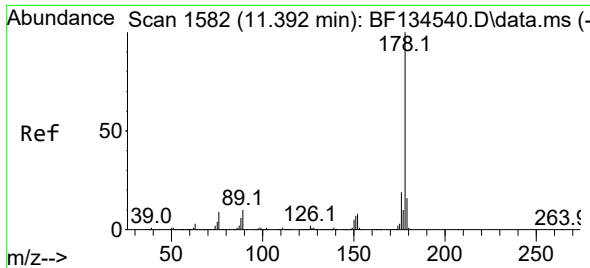
Tgt Ion:169 Resp: 46143
 Ion Ratio Lower Upper
 169 100
 168 113.4 52.6 78.8#
 167 49.3 29.8 44.8#



#71
 Phenanthrene
 Concen: 323.007 ng
 RT: 11.374 min Scan# 1579
 Delta R.T. 0.035 min
 Lab File: BF134598.D
 Acq: 03 Aug 2023 00:54

Tgt Ion:178 Resp: 7005308
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.6
 179 16.4 12.7 19.1

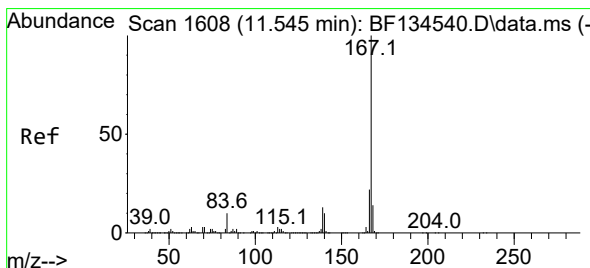
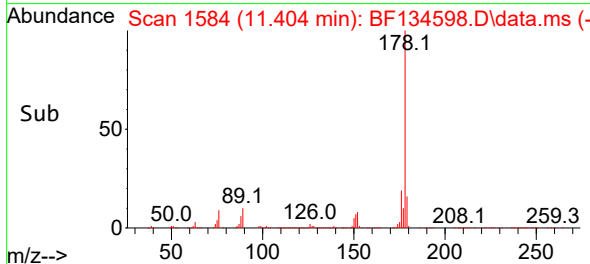
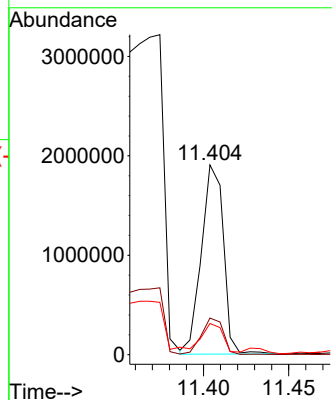
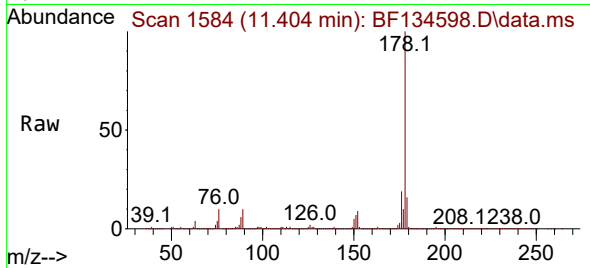




#72
 Anthracene
 Concen: 77.411 ng
 RT: 11.404 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF134598.D
 Acq: 03 Aug 2023 00:54

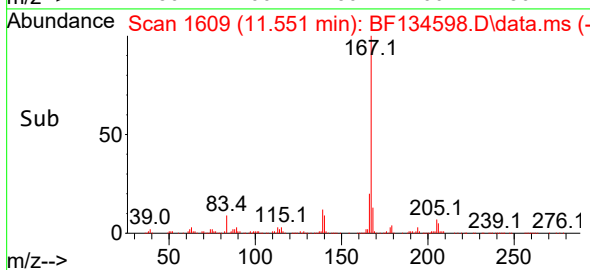
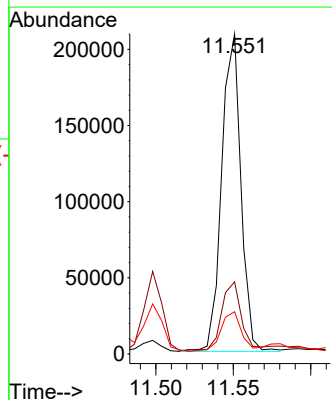
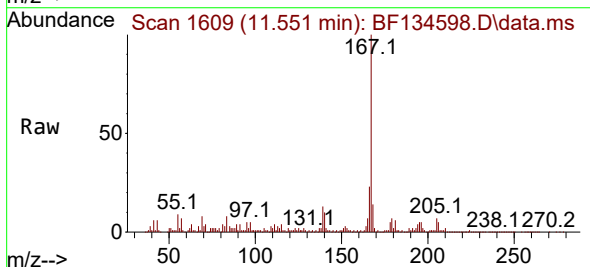
Instrument :
 BNA_F
 ClientSampleId :
 RB-57-(5-7)

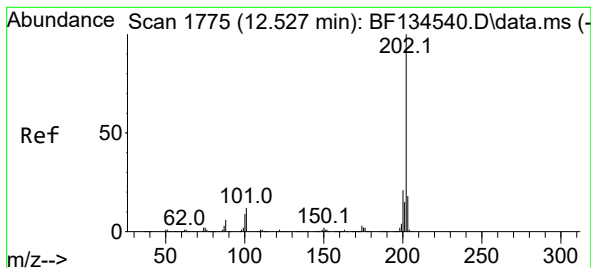
Tgt Ion:178 Resp: 1714878
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 21.8
 179 16.4 12.3 18.5



#73
 Carbazole
 Concen: 9.085 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF134598.D
 Acq: 03 Aug 2023 00:54

Tgt Ion:167 Resp: 179705
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.2 11.0 16.4





#75

Fluoranthene

Concen: 188.836 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

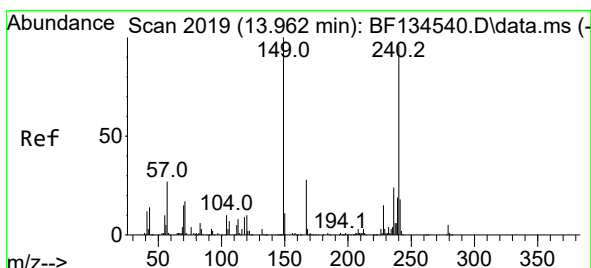
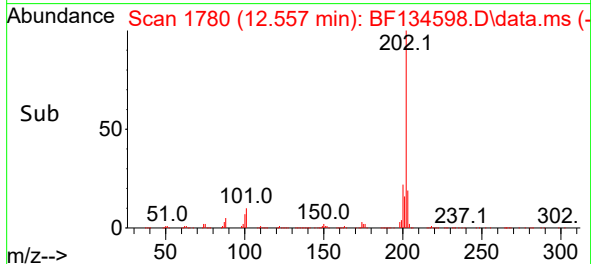
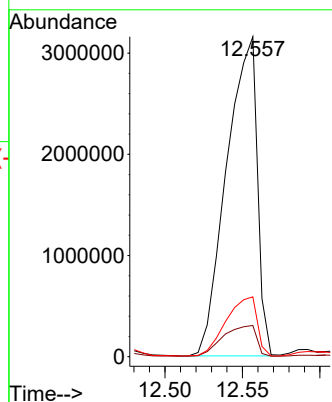
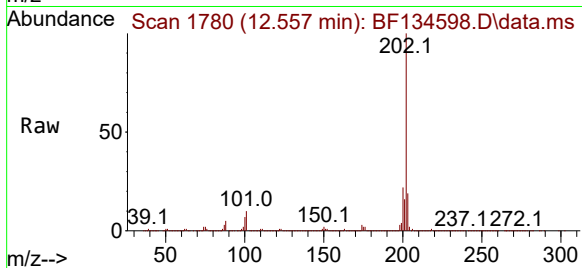
Tgt Ion:202 Resp: 4326069

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.5

203 18.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

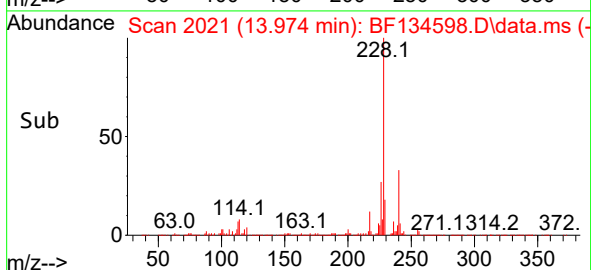
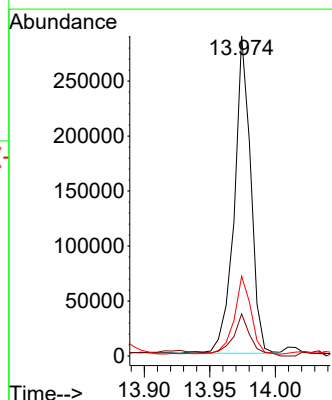
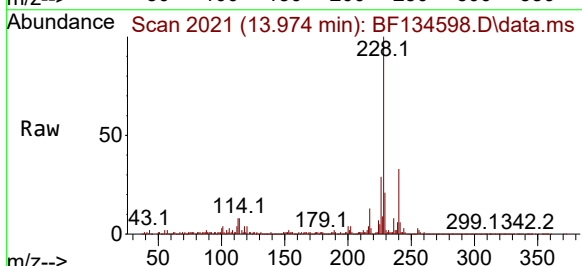
Tgt Ion:240 Resp: 251860

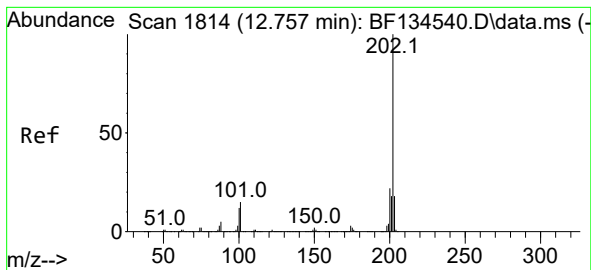
Ion Ratio Lower Upper

240 100

120 13.2 6.6 10.0#

236 24.9 20.2 30.2





#78

Pyrene

Concen: 268.168 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.035 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

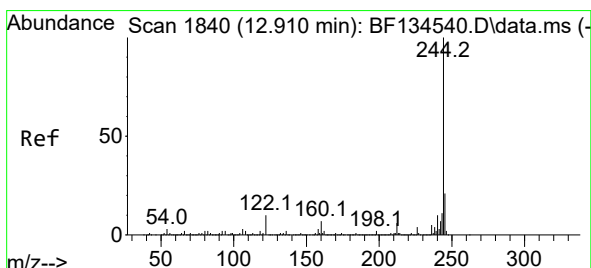
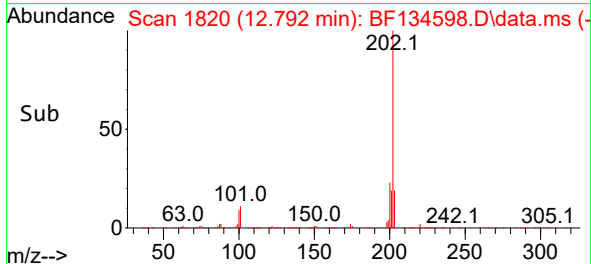
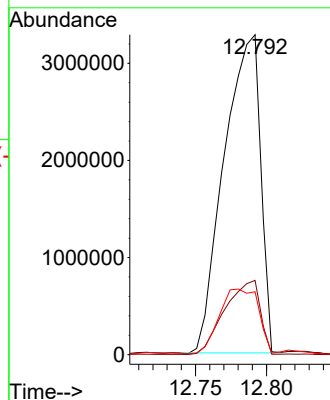
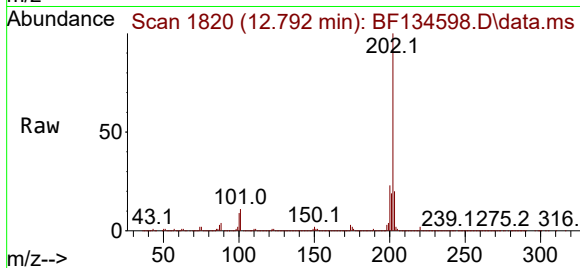
Tgt Ion:202 Resp: 5844404

Ion Ratio Lower Upper

202 100

200 23.2 15.8 23.8

203 19.7 13.5 20.3



#79

Terphenyl-d14

Concen: 64.253 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

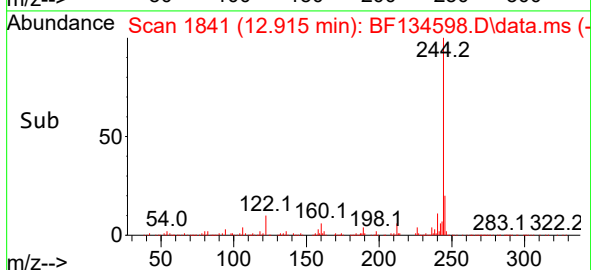
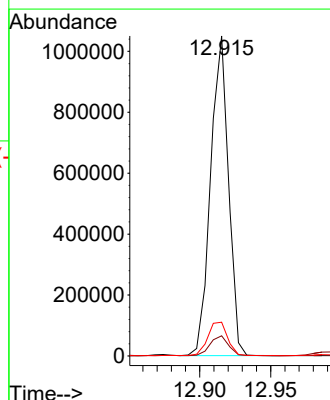
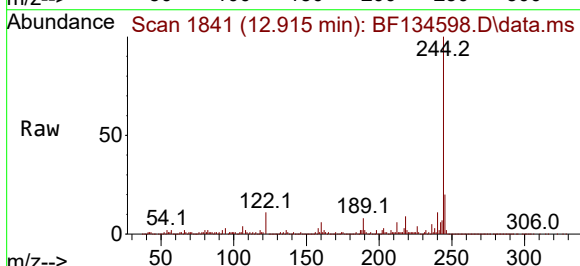
Tgt Ion:244 Resp: 917986

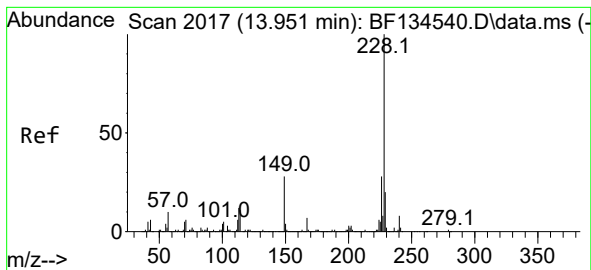
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 10.5 8.0 12.0





#81

Benzo(a)anthracene

Concen: 146.805 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

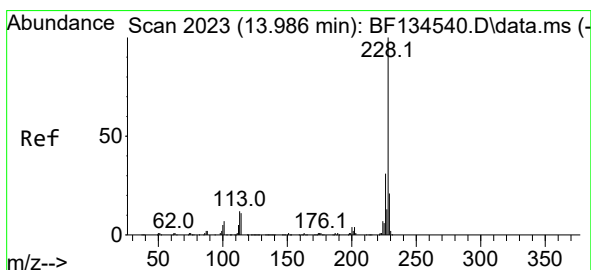
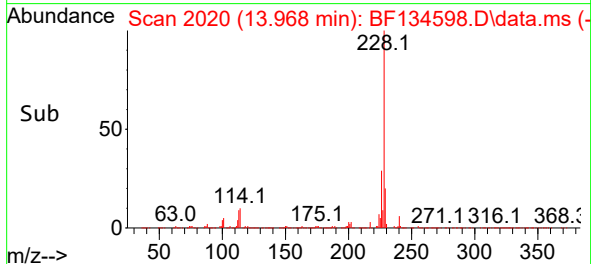
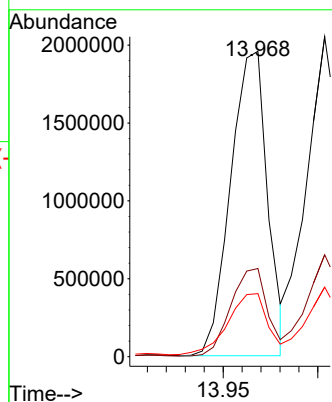
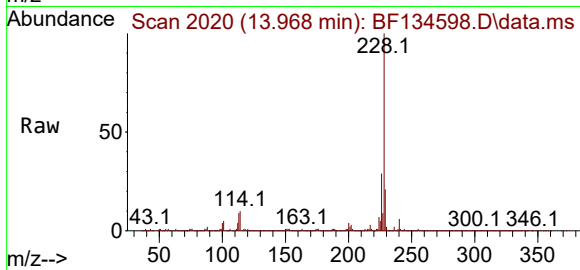
Tgt Ion:228 Resp: 2643846

Ion Ratio Lower Upper

228 100

226 28.9 22.3 33.5

229 20.7 15.8 23.6



#83

Chrysene

Concen: 132.799 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.018 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

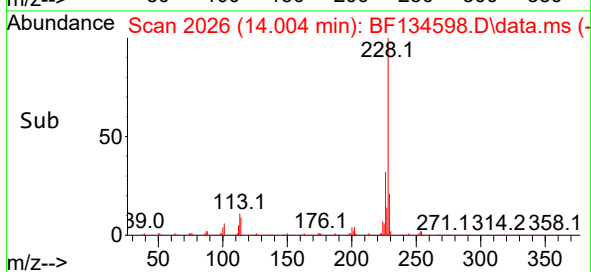
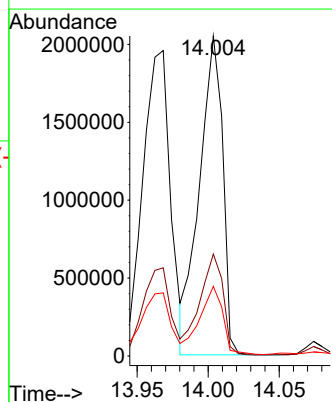
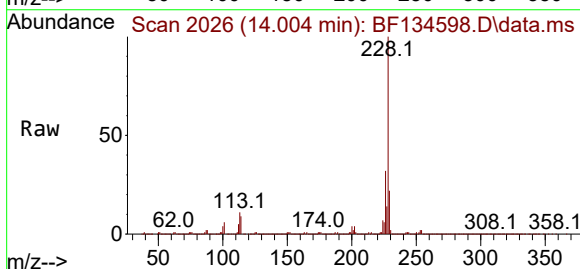
Tgt Ion:228 Resp: 2330056

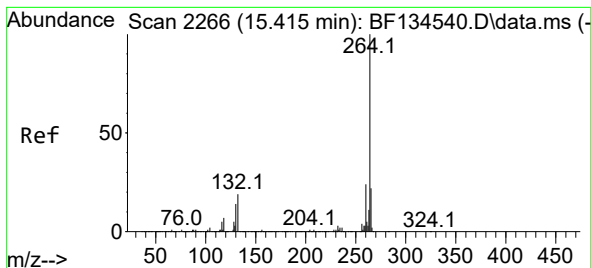
Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

229 21.8 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

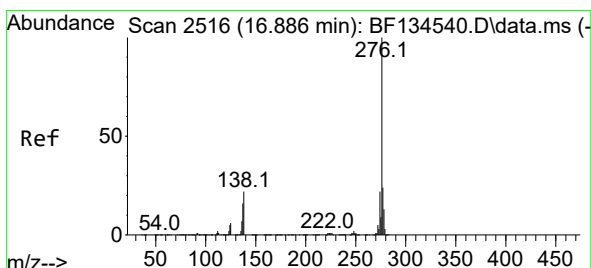
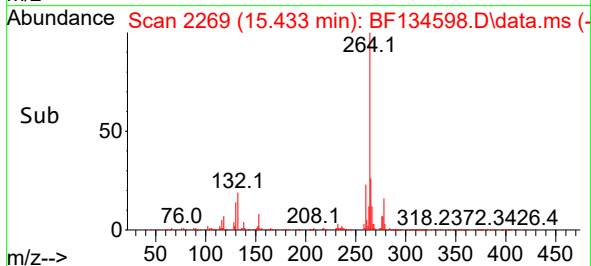
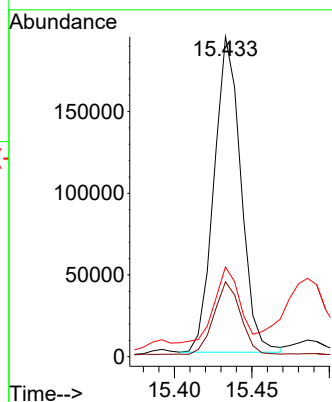
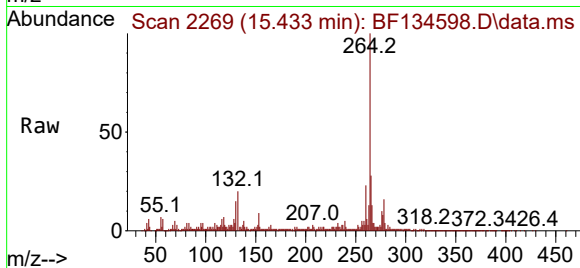
Tgt Ion:264 Resp: 232722

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 28.1 15.8 23.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 39.053 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.029 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

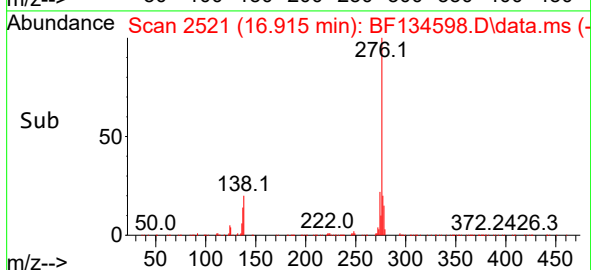
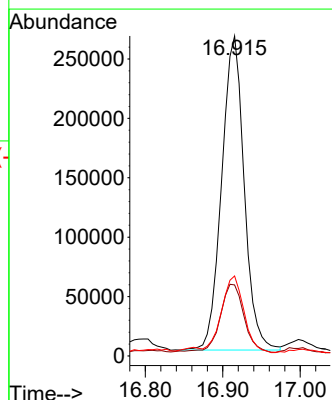
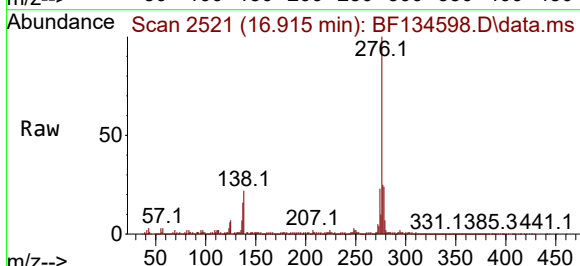
Tgt Ion:276 Resp: 534522

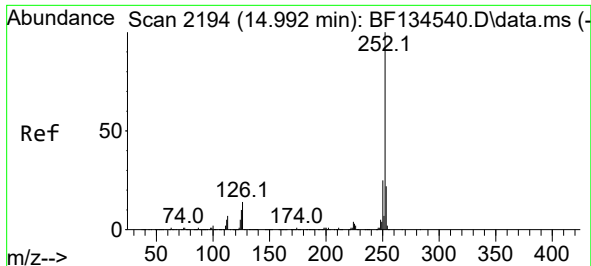
Ion Ratio Lower Upper

276 100

138 23.0 14.2 21.4#

277 24.3 19.9 29.9

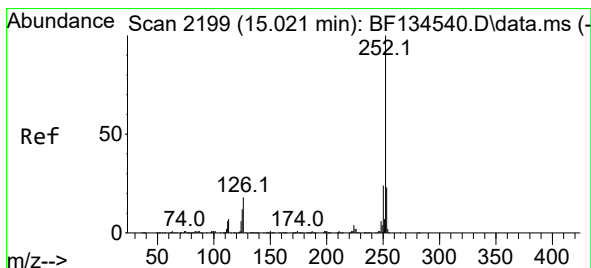
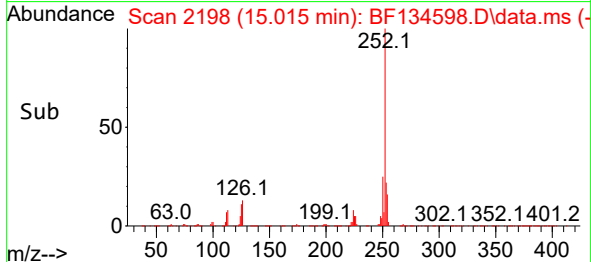
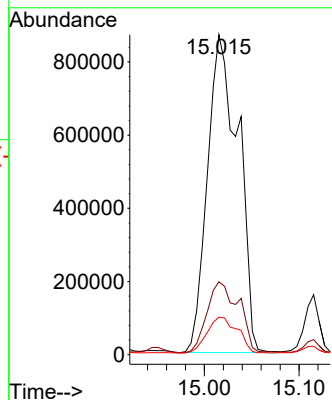
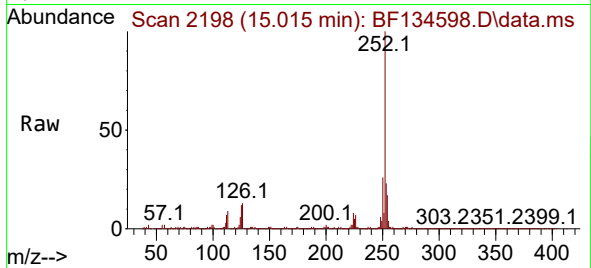




#88
Benzo(b)fluoranthene
Concen: 138.729 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.024 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

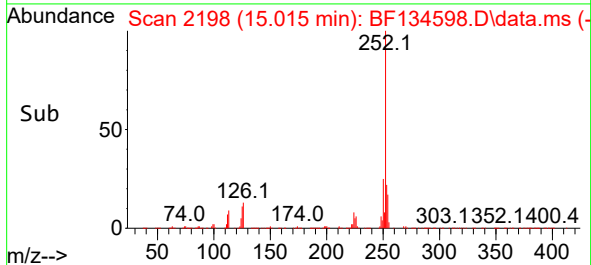
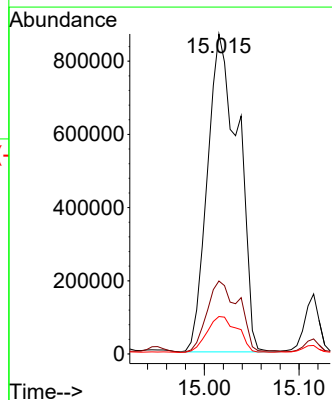
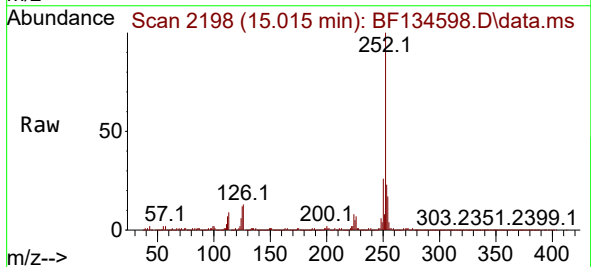
Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

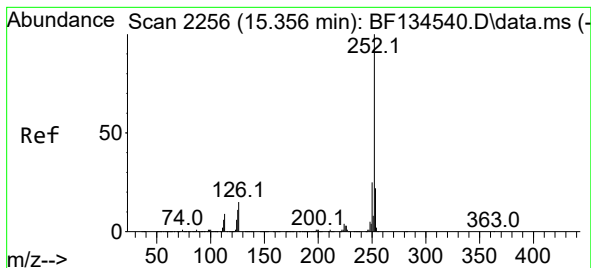
Tgt Ion:252 Resp: 1969045
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.7 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 139.263 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF134598.D
Acq: 03 Aug 2023 00:54

Tgt Ion:252 Resp: 1969045
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 11.7 6.3 9.5#





#90

Benzo(a)pyrene

Concen: 84.910 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

Instrument :

BNA_F

ClientSampleId :

RB-57-(5-7)

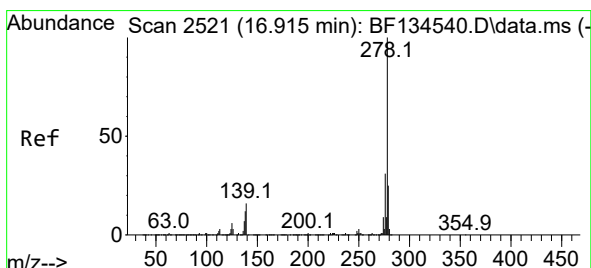
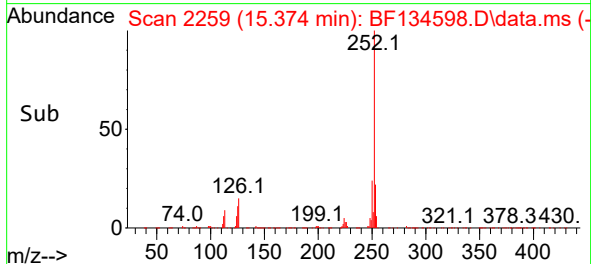
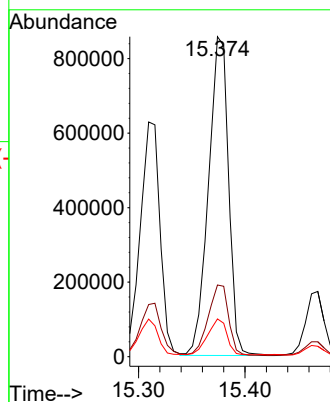
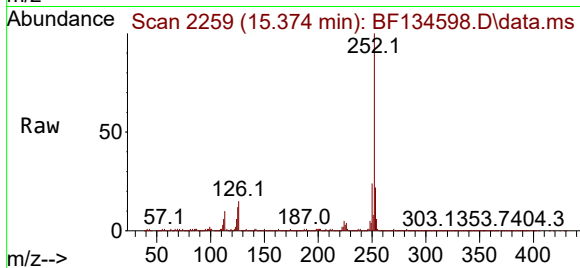
Tgt Ion:252 Resp: 1123675

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 11.8 6.2 9.4#



#91

Dibenzo(a,h)anthracene

Concen: 20.527 ng

RT: 16.733 min Scan# 2490

Delta R.T. -0.182 min

Lab File: BF134598.D

Acq: 03 Aug 2023 00:54

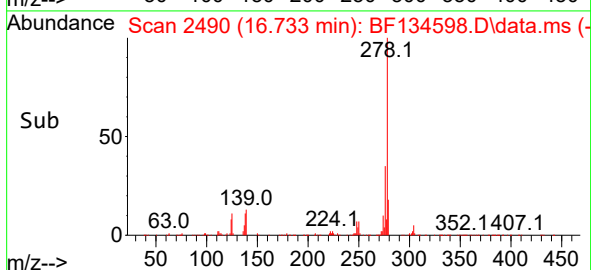
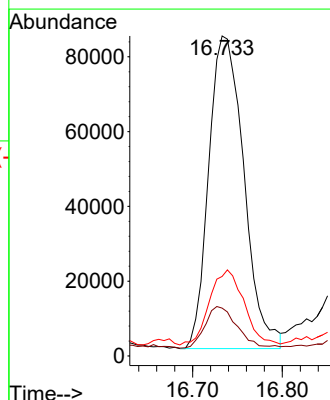
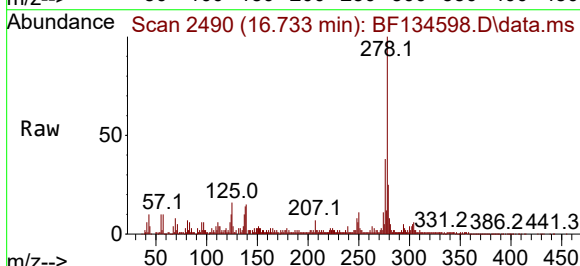
Tgt Ion:278 Resp: 227054

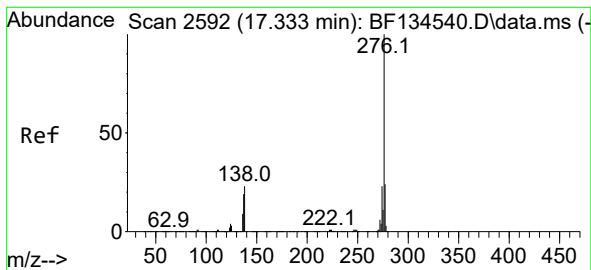
Ion Ratio Lower Upper

278 100

139 14.9 10.0 15.0

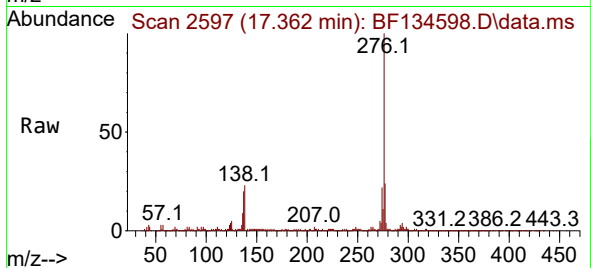
279 24.9 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 45.083 ng
 RT: 17.362 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF134598.D
 Acq: 03 Aug 2023 00:54

Instrument :
 BNA_F
 ClientSampleId :
 RB-57-(5-7)



Tgt Ion:	276	Resp:	508675
Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	23.4	12.2	18.2#

