

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135996.D
 Acq On : 27 Oct 2023 21:10
 Operator : CG\JU
 Sample : 04767-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-5)

Quant Time: Oct 27 22:36:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

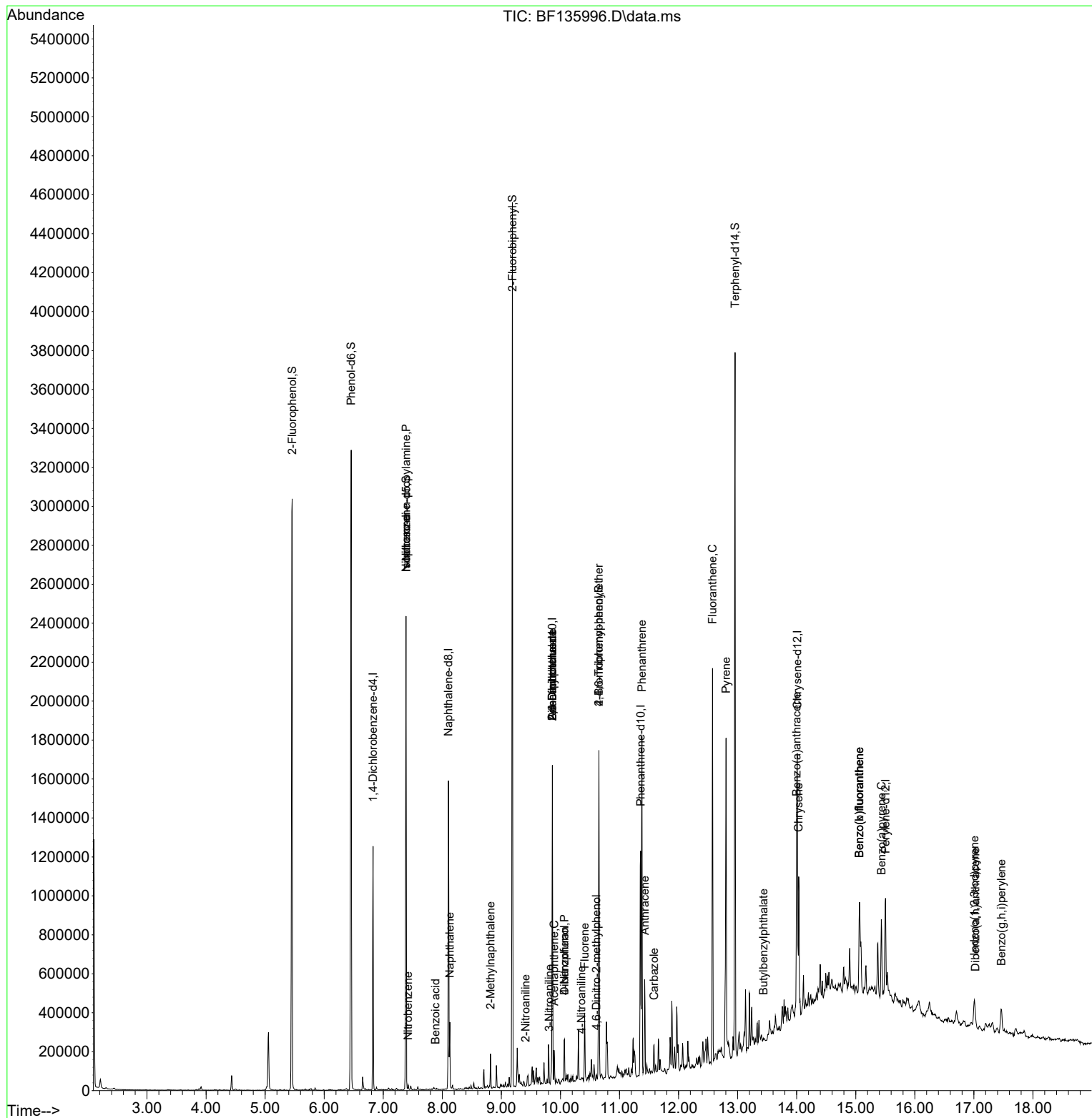
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	166443	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	617941	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	278140	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	443973	20.000	ng	0.00
76) Chrysene-d12	14.010	240	332412	20.000	ng	0.00
86) Perylene-d12	15.504	264	245431	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	935938	86.831	ng	0.00
7) Phenol-d6	6.457	99	1199277	89.370	ng	0.00
23) Nitrobenzene-d5	7.386	82	679753	72.644	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	180102	73.978	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1245604	71.709	ng	0.00
79) Terphenyl-d14	12.957	244	1218499	61.244	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	87880	11.516	ng	# 77
24) Nitrobenzene	7.422	77	75	2.589	ng	# 36
25) Isophorone	7.386	82	679045	34.765	ng	# 64
31) Naphthalene	8.128	128	125627	4.205	ng	97
32) Benzoic acid	7.886	122	376	5.853	ng	# 22
37) 2-Methylnaphthalene	8.816	142	42310	2.140	ng	96
48) 2-Nitroaniline	9.410	65	229	4.266	ng	# 31
50) Dimethylphthalate	9.863	163	57509	3.188	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	38117	14.023	ng	# 21
52) Acenaphthene	9.892	154	31974	2.029	ng	100
53) 3-Nitroaniline	9.810	138	77	4.577	ng	# 1
55) Dibenzofuran	10.069	168	68447	3.006	ng	95
56) 4-Nitrophenol	10.069	139	25165	12.565	ng	# 15
57) 2,4-Dinitrotoluene	9.863	165	38117	13.063	ng	# 26
58) Fluorene	10.410	166	84588	4.966	ng	99
62) 4-Nitroaniline	10.357	138	287	4.708	ng	92
65) 4,6-Dinitro-2-methylph...	10.610	198	67	6.974	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	11905	2.618	ng	# 1
71) Phenanthrene	11.380	178	597287	26.591	ng	99
72) Anthracene	11.427	178	171489	7.456	ng	99
73) Carbazole	11.586	167	61542	3.000	ng	100
75) Fluoranthene	12.574	202	720987	30.510	ng	99
78) Pyrene	12.804	202	649104	23.256	ng	99
80) Butylbenzylphthalate	13.439	149	1141	3.926	ng	# 66
81) Benzo(a)anthracene	13.998	228	325968	14.422	ng	96
83) Chrysene	14.033	228	286530	13.016	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	110463	7.937	ng	94
88) Benzo(b)fluoranthene	15.062	252	372083	25.474	ng	95
89) Benzo(k)fluoranthene	15.062	252	372083	25.938	ng	95
90) Benzo(a)pyrene	15.433	252	197252	14.653	ng	96
91) Dibenzo(a,h)anthracene	17.027	278	27406	2.302	ng	# 83
92) Benzo(g,h,i)perylene	17.468	276	105265	10.926	ng	98

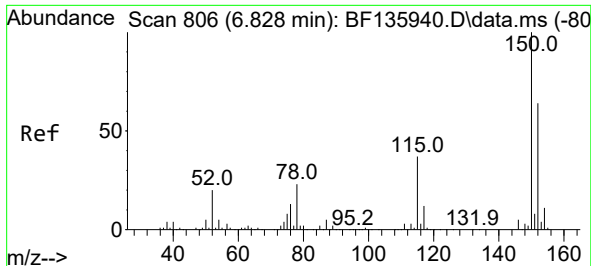
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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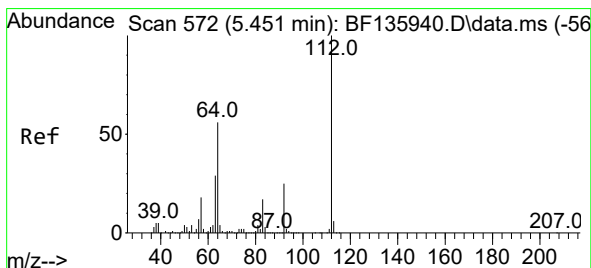
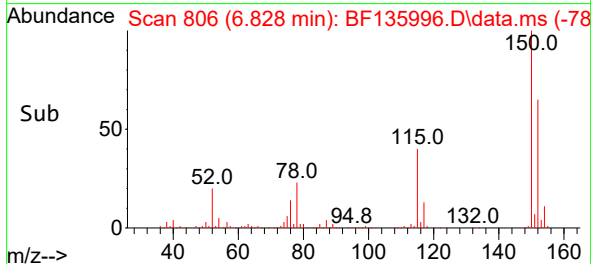
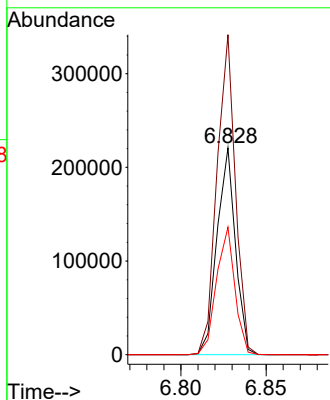
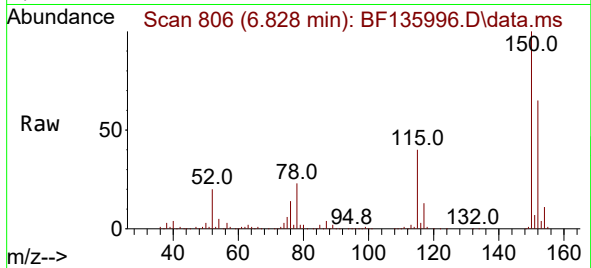




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

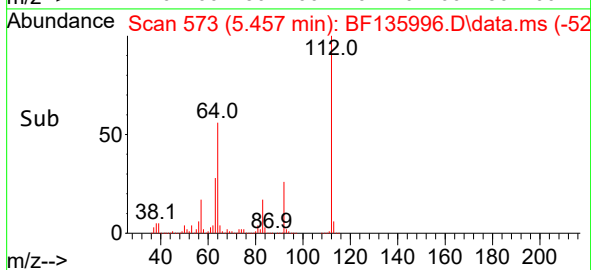
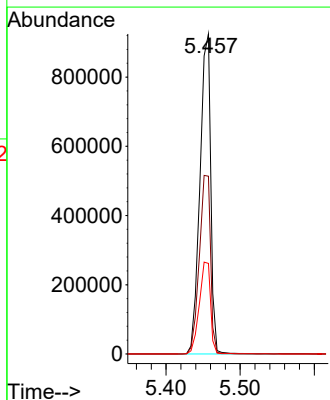
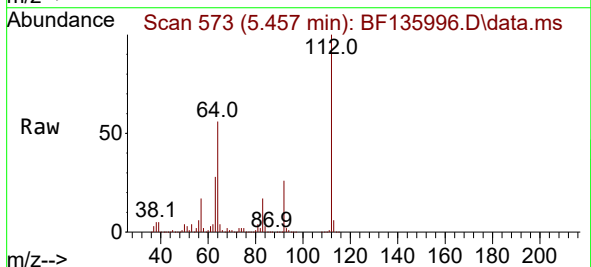
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

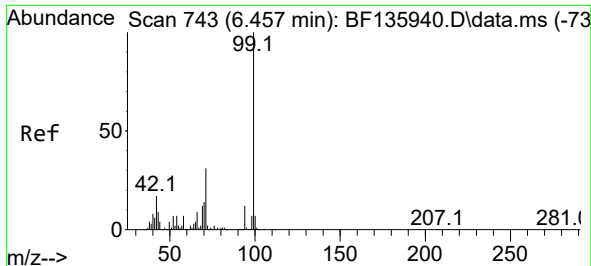
Tgt Ion:152 Resp: 166443
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.7 46.6 69.8



#5
2-Fluorophenol
Concen: 86.831 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:112 Resp: 935938
Ion Ratio Lower Upper
112 100
64 55.6 45.1 67.7
63 28.3 23.0 34.4

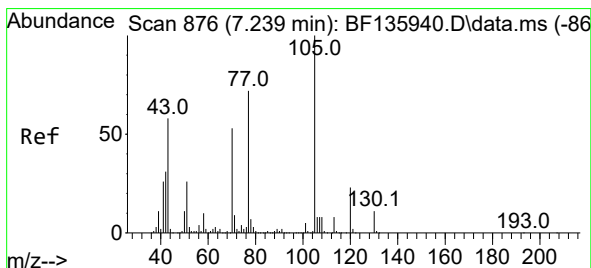
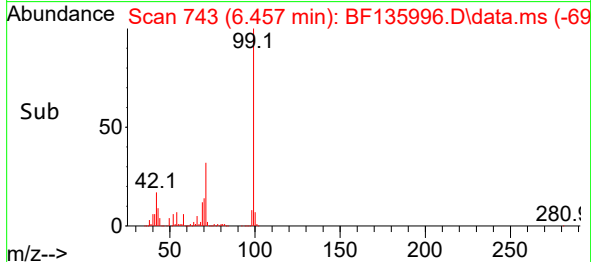
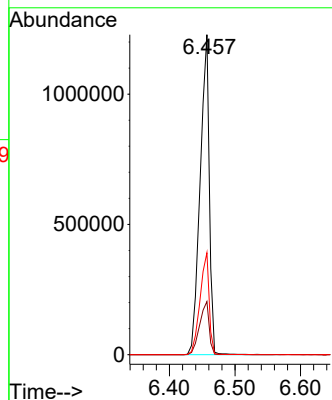
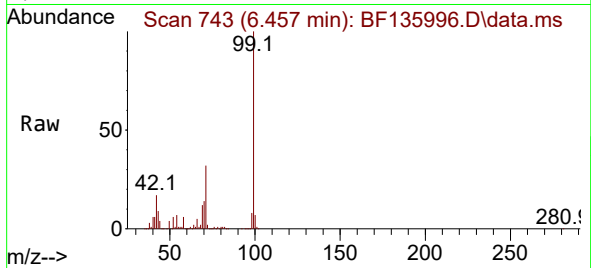




#7
Phenol-d6
Concen: 89.370 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

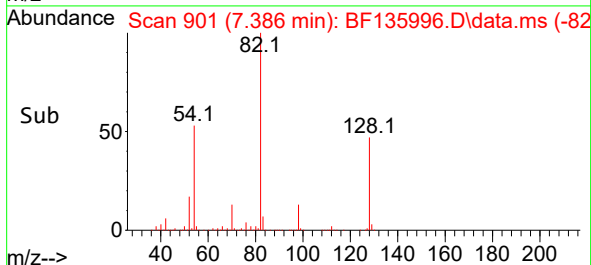
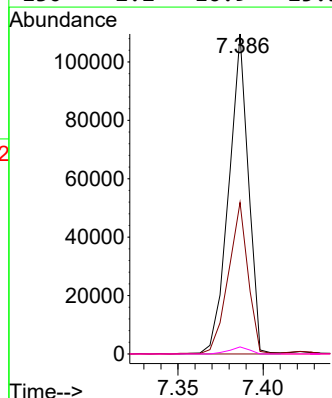
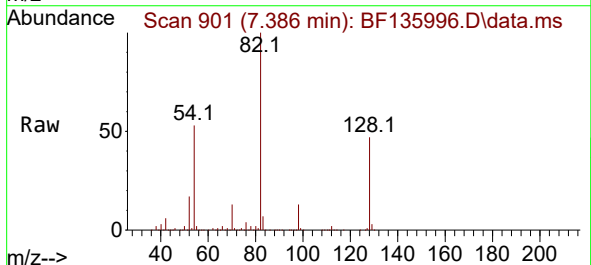
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

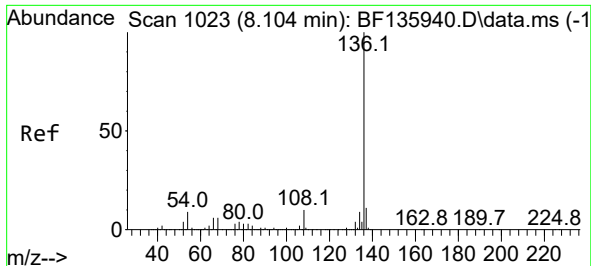
Tgt Ion: 99 Resp: 1199277
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.8
71 31.9 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.516 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion: 70 Resp: 87880
Ion Ratio Lower Upper
70 100
42 47.4 47.3 70.9
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#



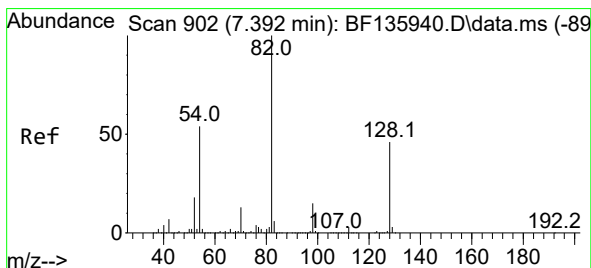
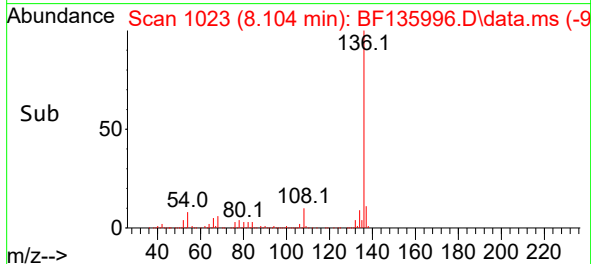
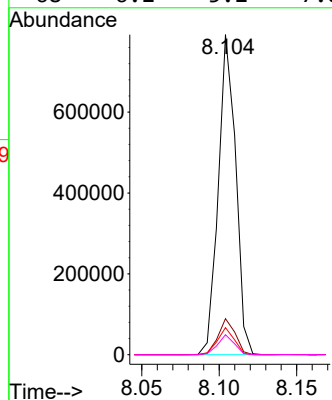
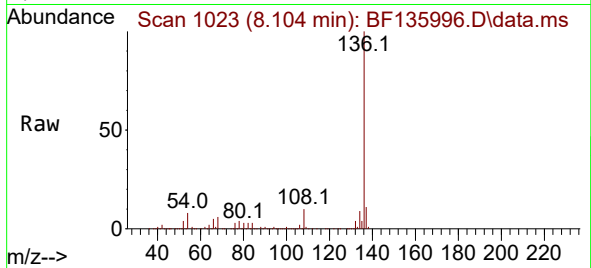


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

Tgt Ion:136 Resp: 617941

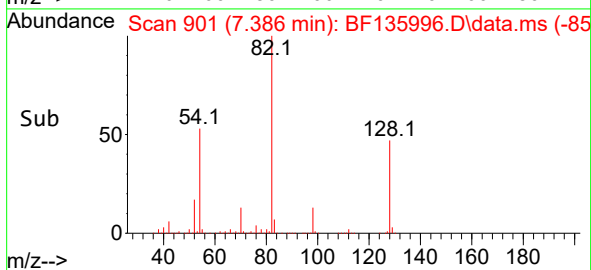
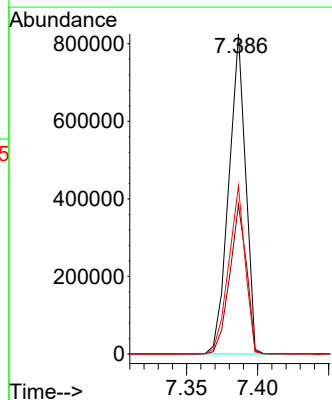
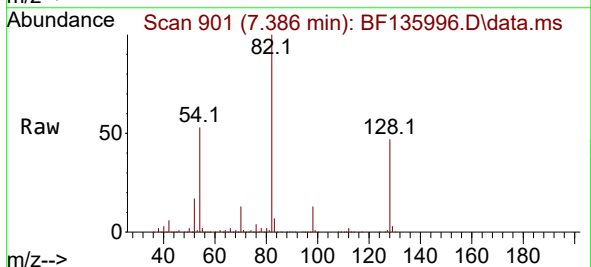
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	7.1	10.7
68	6.2	5.2	7.8

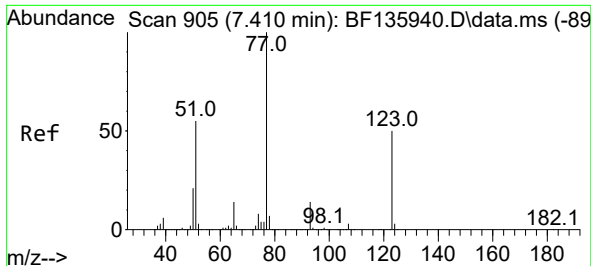


#23
Nitrobenzene-d5
Concen: 72.644 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion: 82 Resp: 679753

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.8	55.2
54	52.5	43.4	65.0

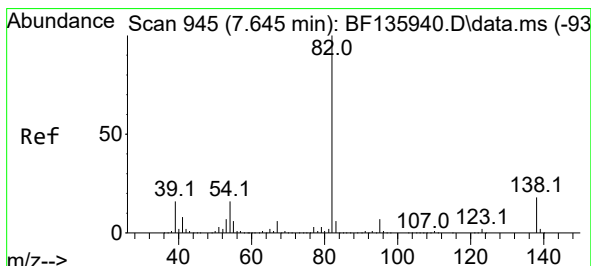
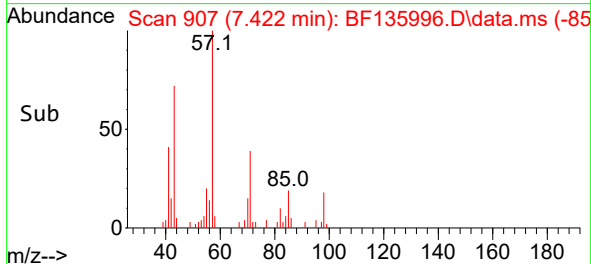
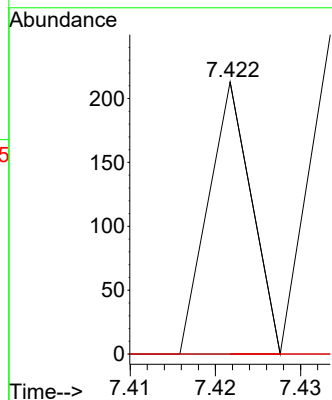
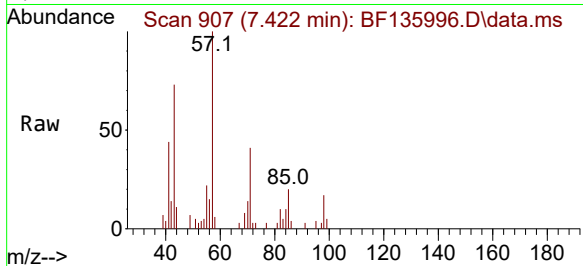




#24
Nitrobenzene
Concen: 2.589 ng
RT: 7.422 min Scan# 901
Delta R.T. 0.012 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

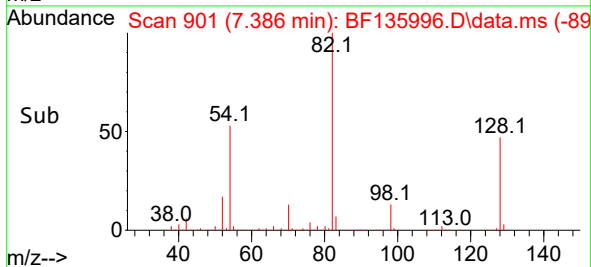
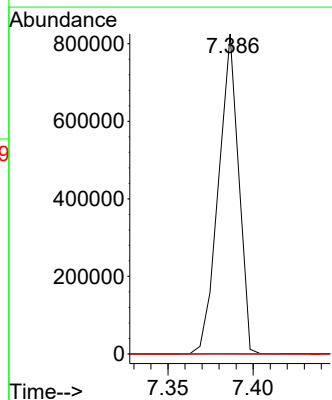
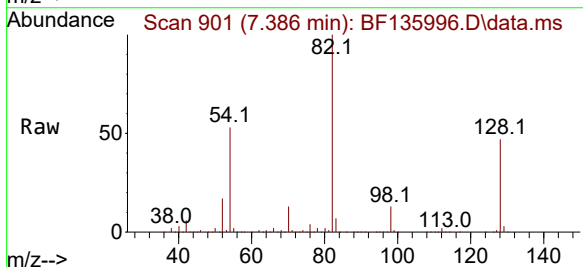
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ClientSampleId :
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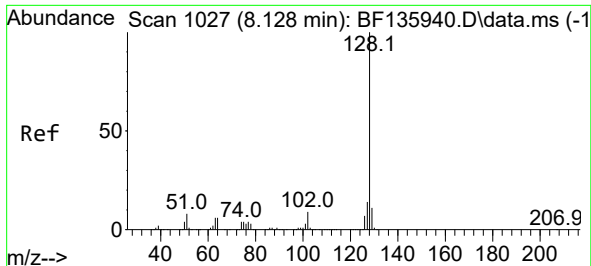
Tgt Ion: 77 Resp: 75
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 0.0 11.0 16.4#



#25
Isophorone
Concen: 34.765 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion: 82 Resp: 679045
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

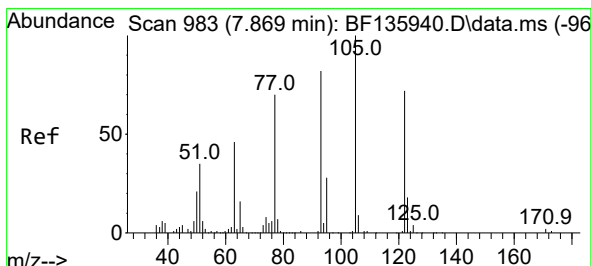
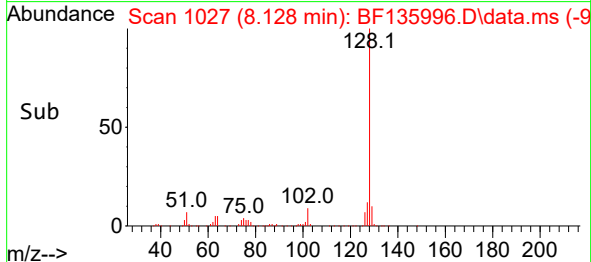
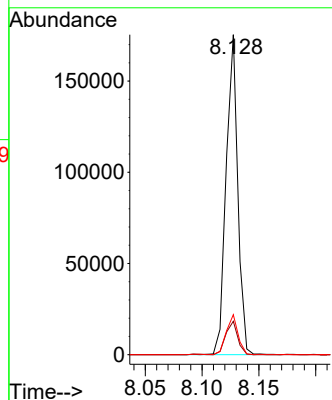
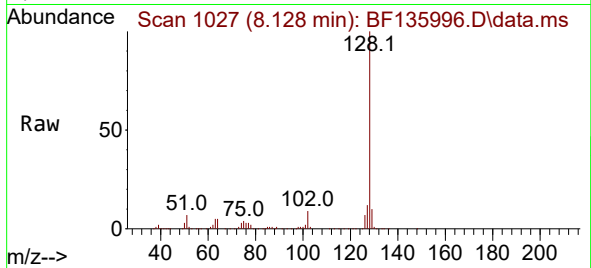




#31
Naphthalene
Concen: 4.205 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

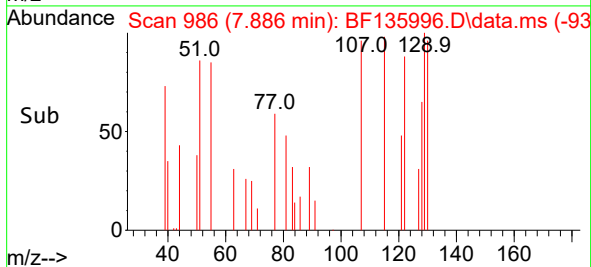
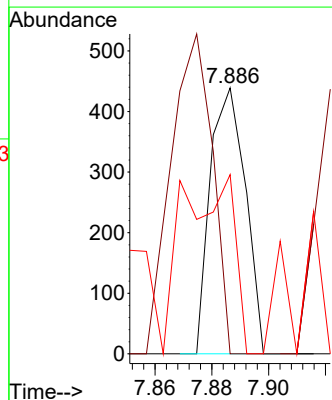
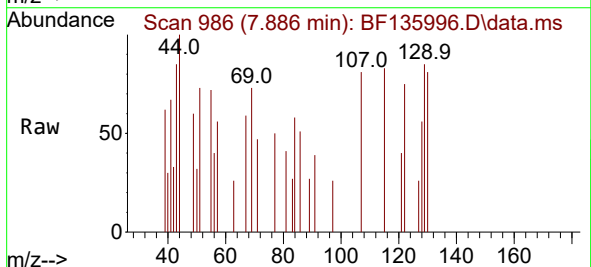
Instrument :
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ClientSampleId :
C-1(0-5)

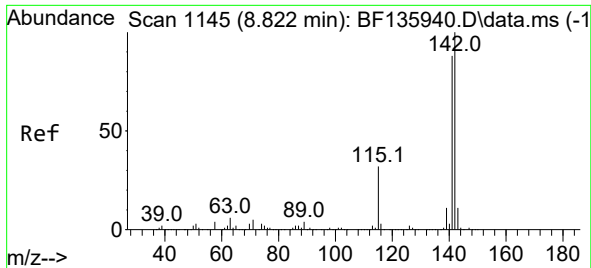
Tgt Ion:128 Resp: 125627
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.5 10.9 16.3



#32
Benzoic acid
Concen: 5.853 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:122 Resp: 376
Ion Ratio Lower Upper
122 100
105 0.0 113.1 153.1#
77 67.4 75.2 115.2#

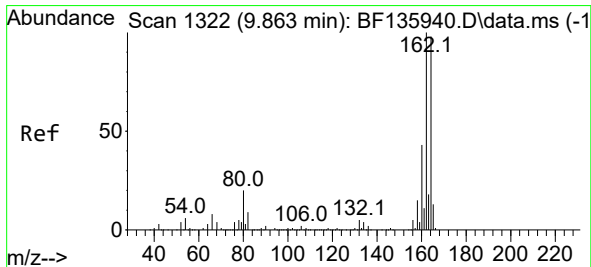
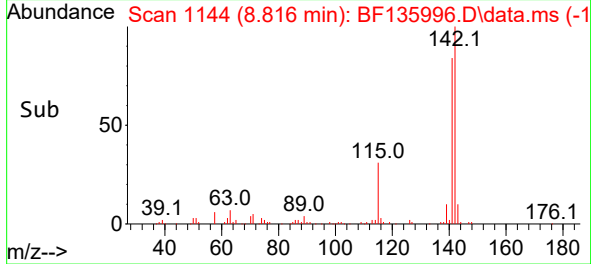
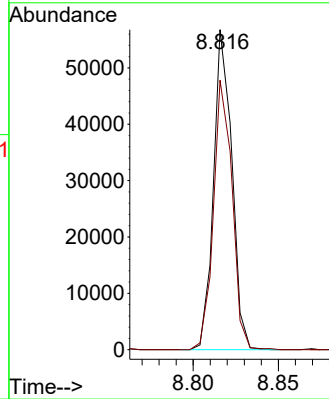
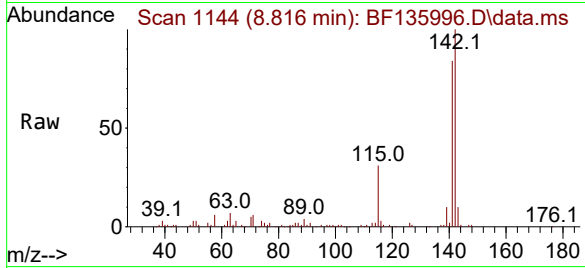




#37
2-Methylnaphthalene
Concen: 2.140 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

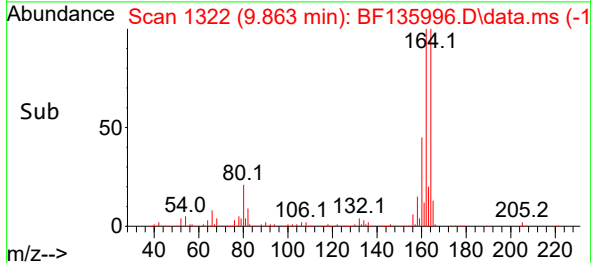
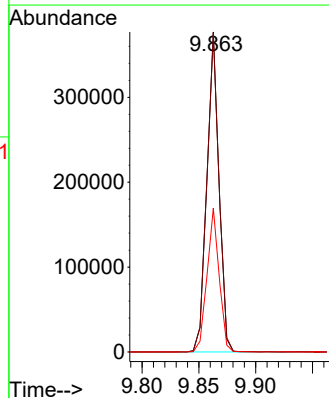
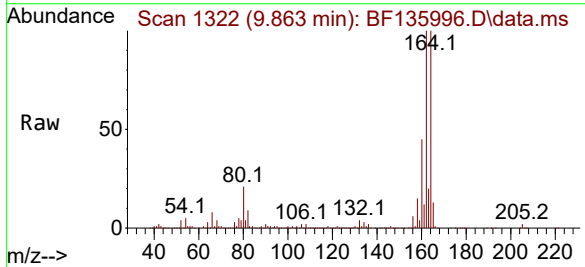
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

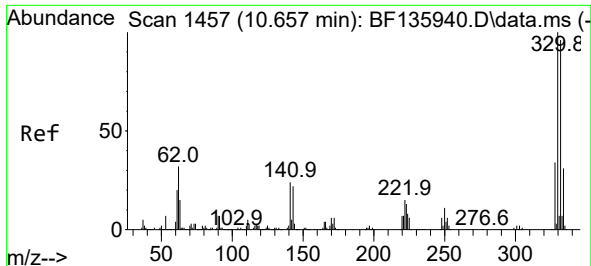
Tgt Ion:142 Resp: 42310
Ion Ratio Lower Upper
142 100
141 84.2 70.4 105.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:164 Resp: 278140
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 73.978 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

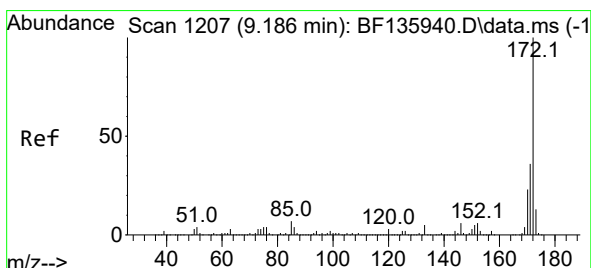
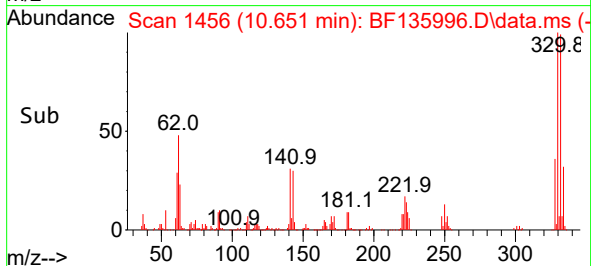
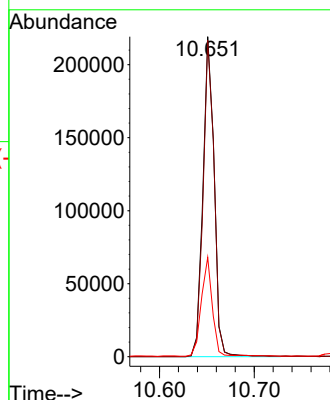
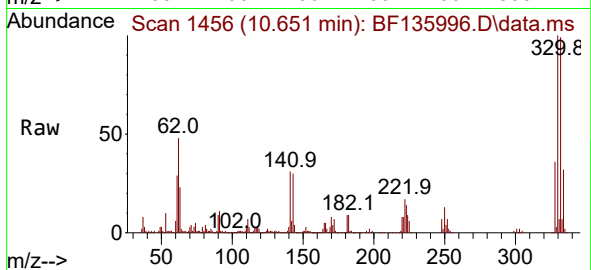
Tgt Ion:330 Resp: 180102

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 71.709 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

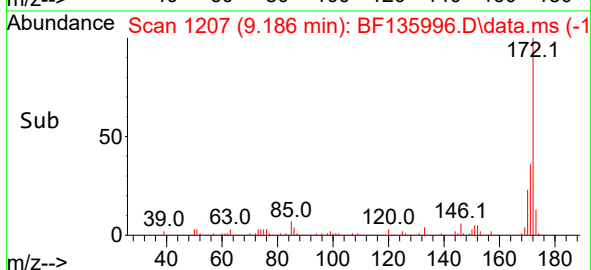
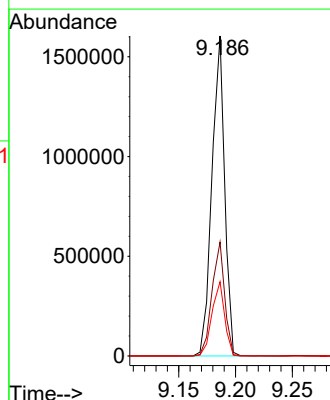
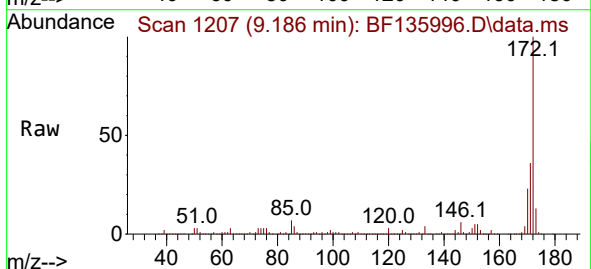
Tgt Ion:172 Resp: 1245604

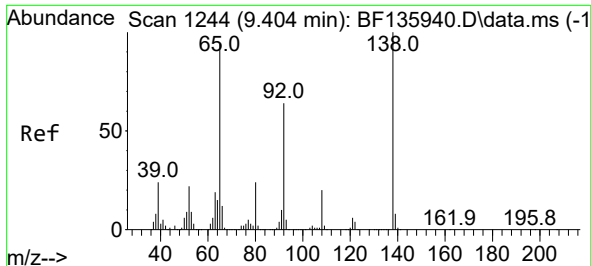
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.2 18.6 28.0

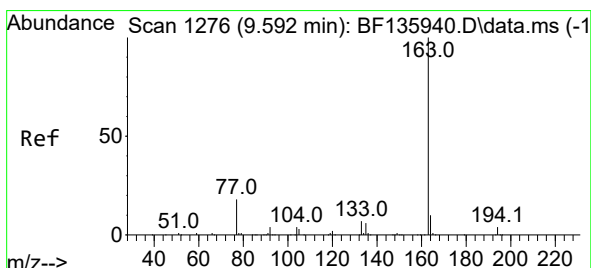
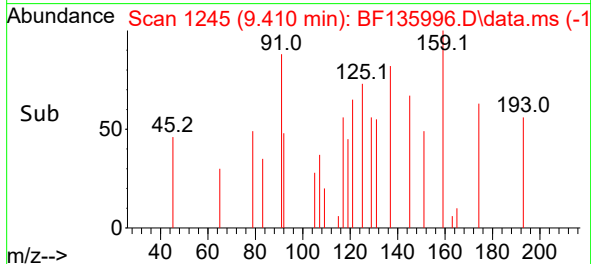
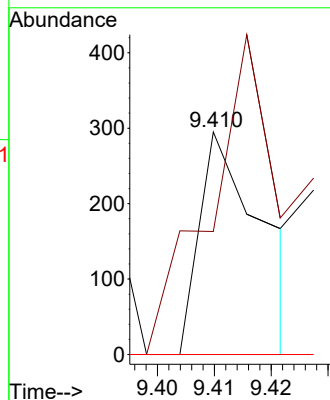
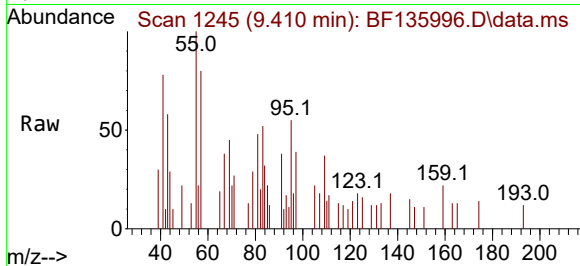




#48
2-Nitroaniline
Concen: 4.266 ng
RT: 9.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

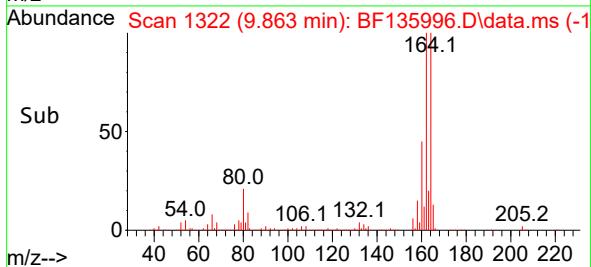
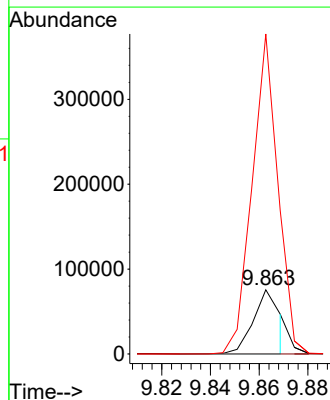
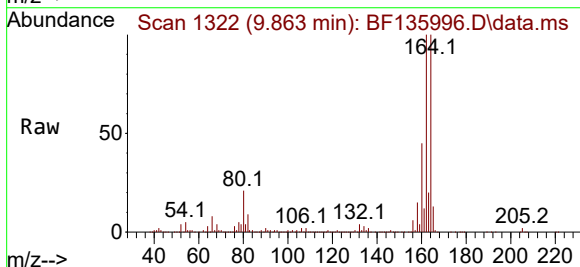
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

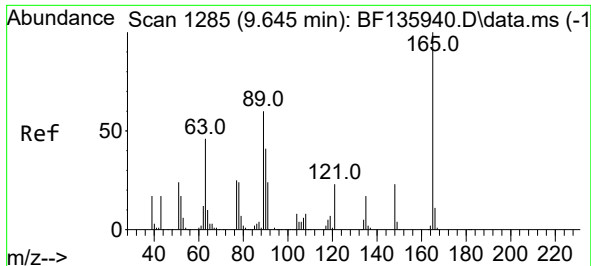
Tgt Ion: 65 Resp: 229
Ion Ratio Lower Upper
65 100
92 55.3 54.9 82.3
138 0.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.188 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:163 Resp: 57509
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 498.5 8.3 12.5#

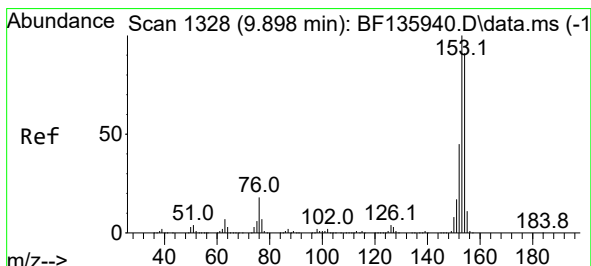
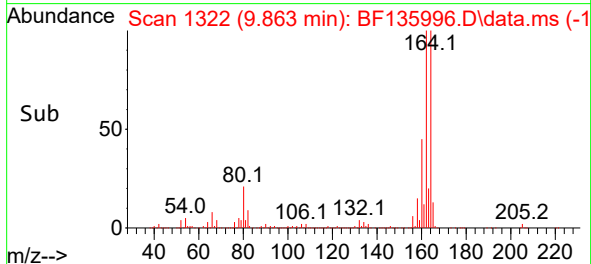
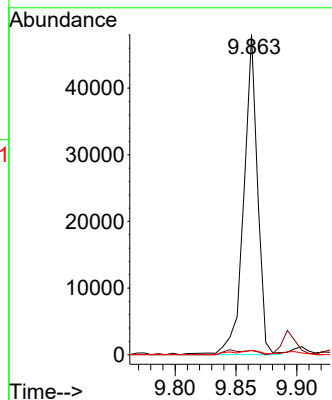
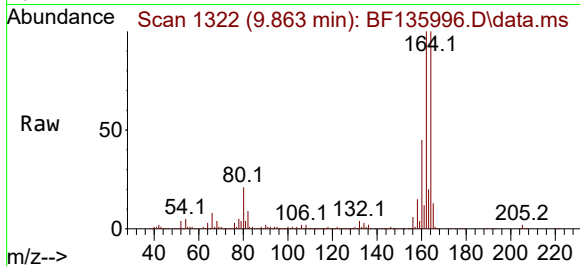




#51
2,6-Dinitrotoluene
Concen: 14.023 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

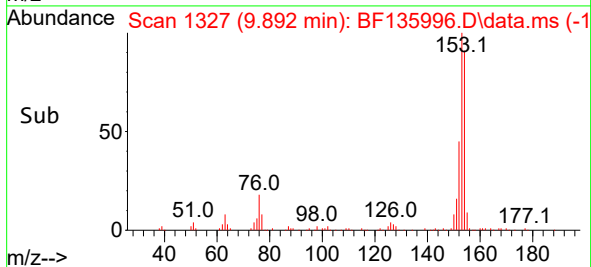
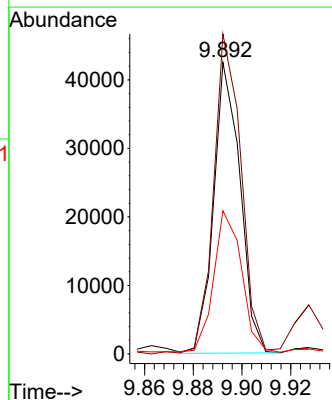
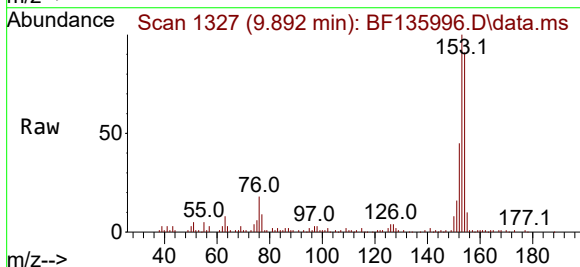
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

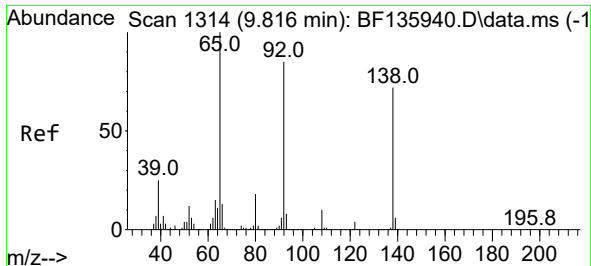
Tgt Ion:165 Resp: 38117
Ion Ratio Lower Upper
165 100
63 1.4 51.7 77.5#
89 1.3 48.3 72.5#



#52
Acenaphthene
Concen: 2.029 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:154 Resp: 31974
Ion Ratio Lower Upper
154 100
153 109.8 88.0 132.0
152 49.1 39.4 59.2

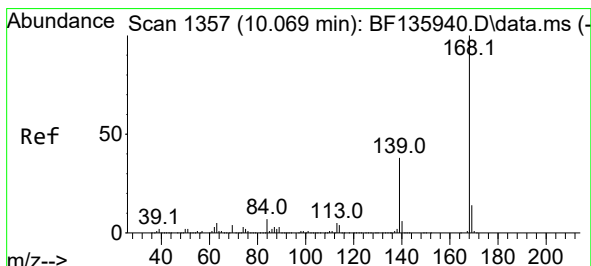
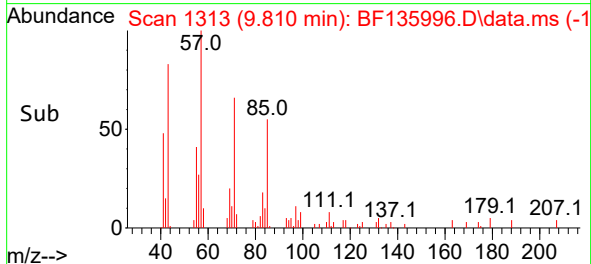
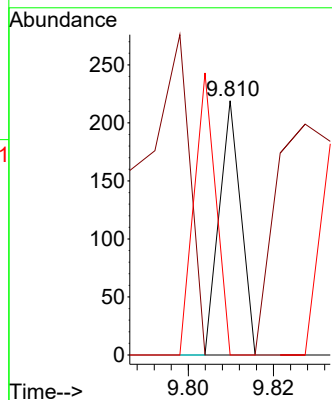
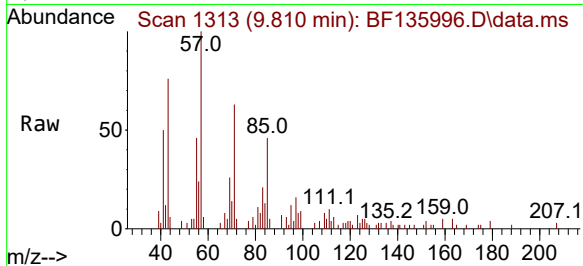




#53
3-Nitroaniline
Concen: 4.577 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

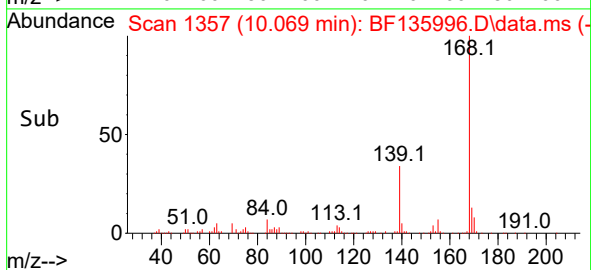
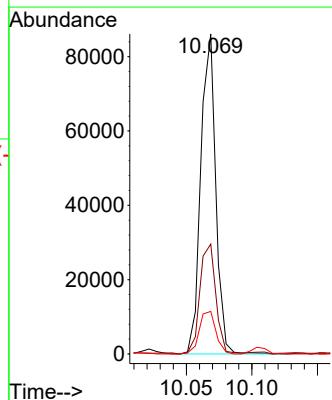
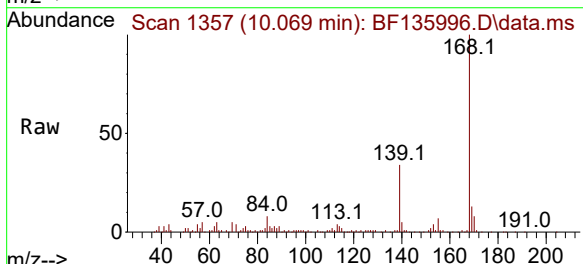
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

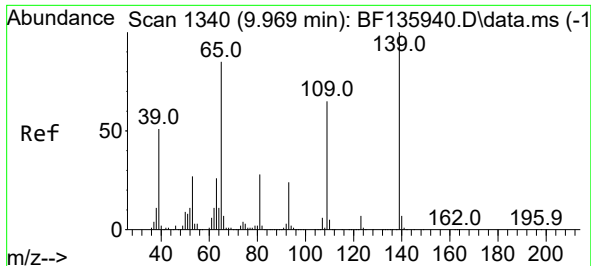
Tgt Ion:138 Resp: 77
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 95.0 142.6#



#55
Dibenzofuran
Concen: 3.006 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:168 Resp: 68447
Ion Ratio Lower Upper
168 100
139 34.4 30.7 46.1
169 13.3 11.1 16.7

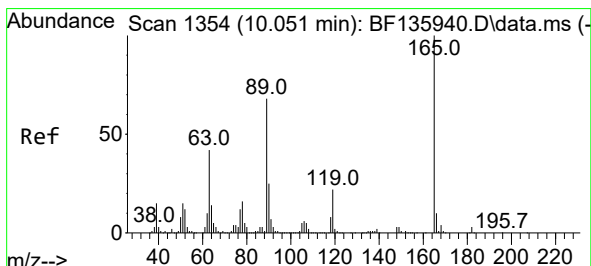
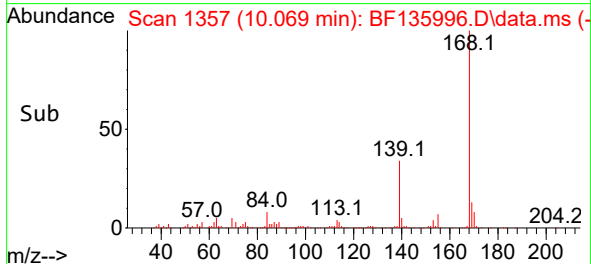
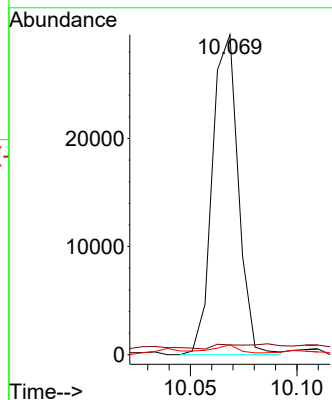
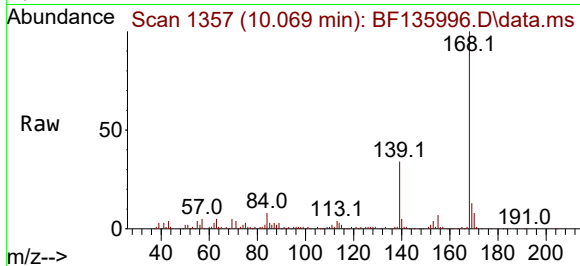




#56
4-Nitrophenol
Concen: 12.565 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

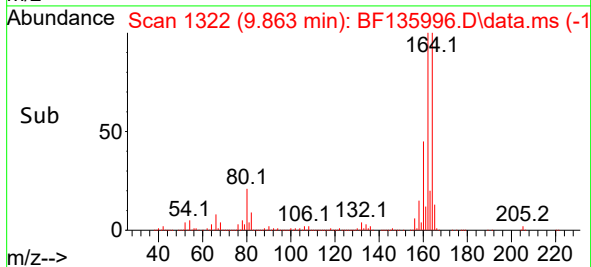
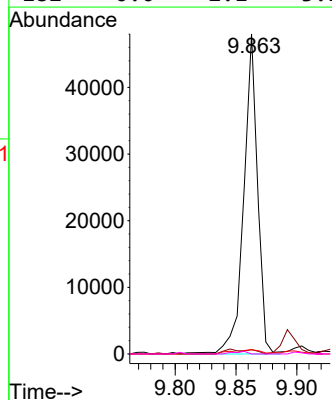
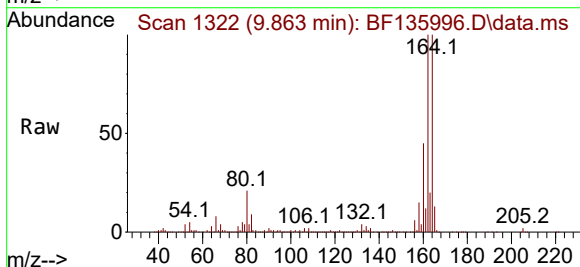
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

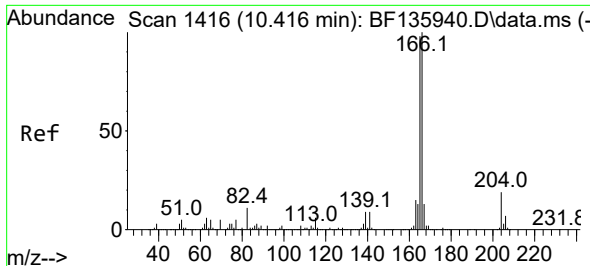
Tgt Ion:139 Resp: 25165
Ion Ratio Lower Upper
139 100
109 3.0 45.2 85.2#
65 3.1 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 13.063 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:165 Resp: 38117
Ion Ratio Lower Upper
165 100
63 1.4 33.7 50.5#
89 1.3 54.6 81.8#
182 0.0 2.1 3.1#

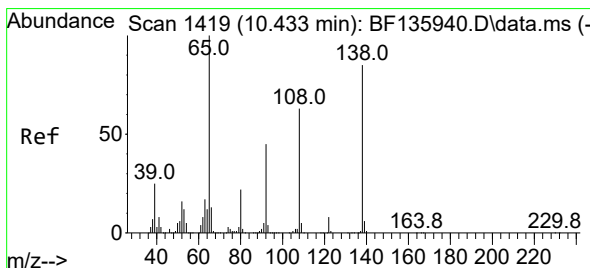
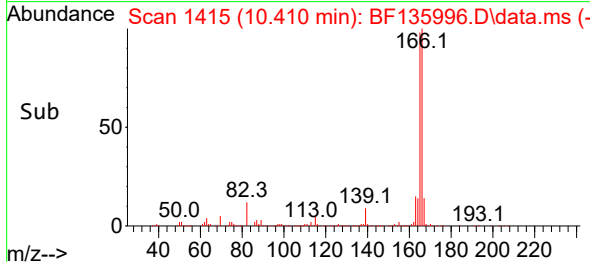
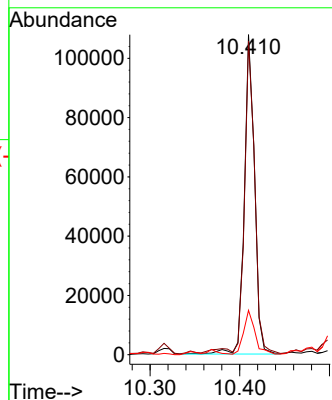
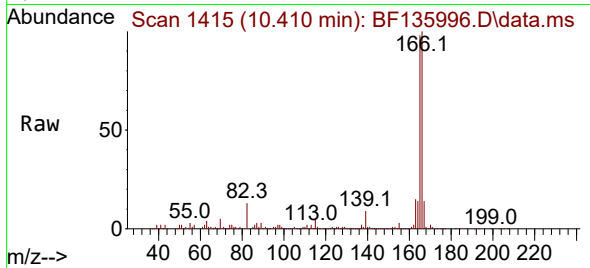




#58
 Fluorene
 Concen: 4.966 ng
 RT: 10.410 min Scan# 1416
 Delta R.T. -0.006 min
 Lab File: BF135996.D
 Acq: 27 Oct 2023 21:10

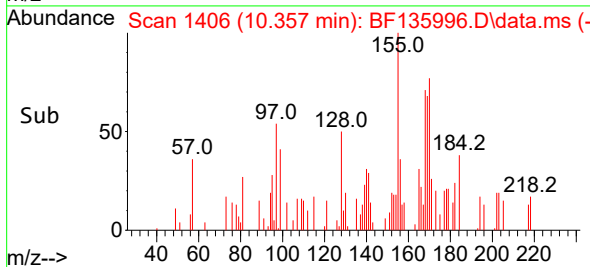
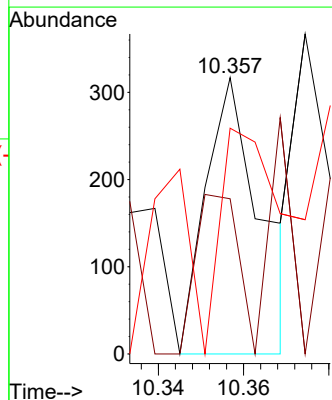
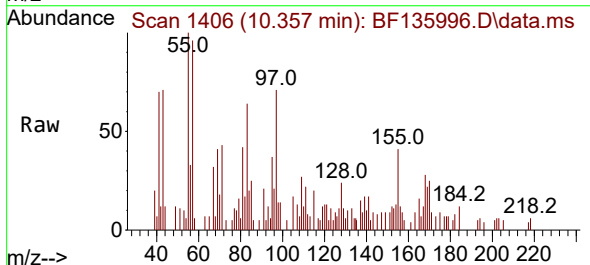
Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-5)

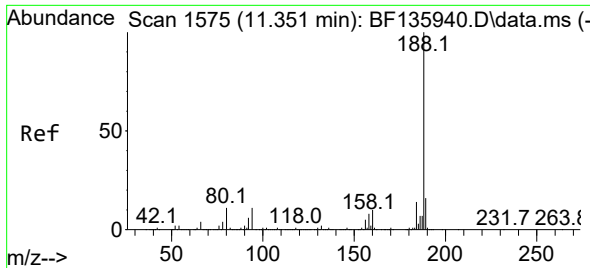
Tgt Ion:166 Resp: 84588
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.0 117.0
 167 13.8 10.6 16.0



#62
 4-Nitroaniline
 Concen: 4.708 ng
 RT: 10.357 min Scan# 1406
 Delta R.T. -0.076 min
 Lab File: BF135996.D
 Acq: 27 Oct 2023 21:10

Tgt Ion:138 Resp: 287
 Ion Ratio Lower Upper
 138 100
 92 56.2 32.9 72.9
 108 81.7 53.5 93.5

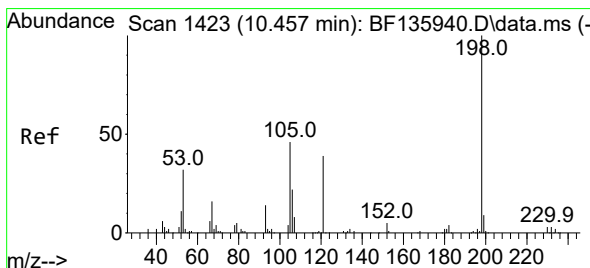
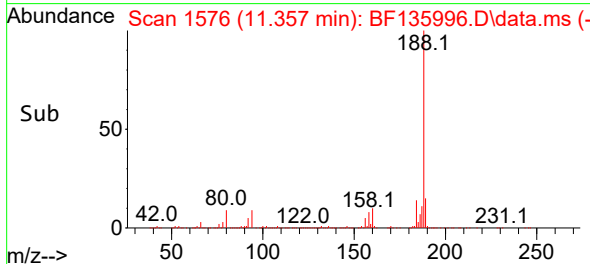
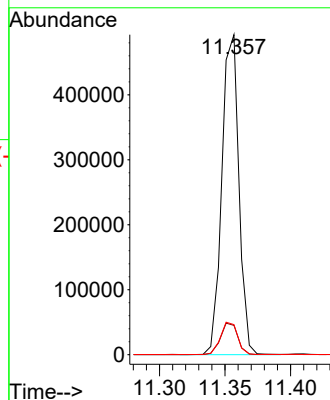
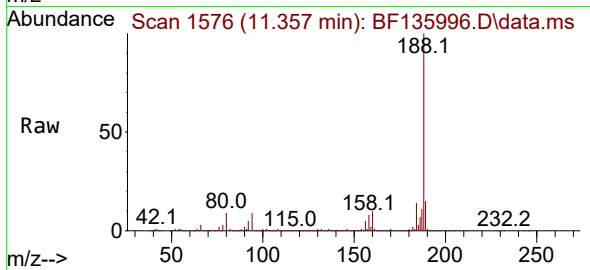




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

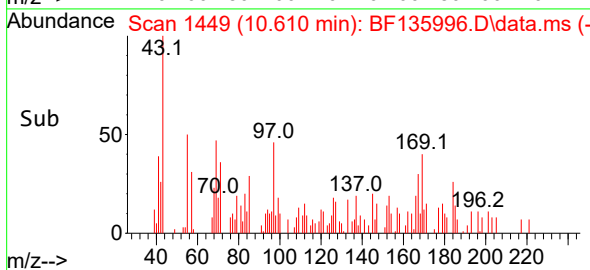
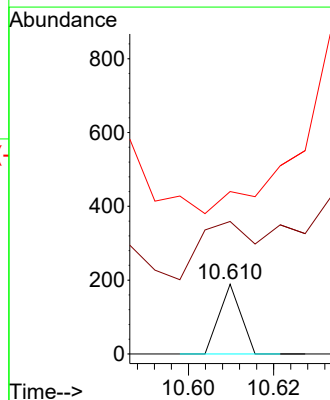
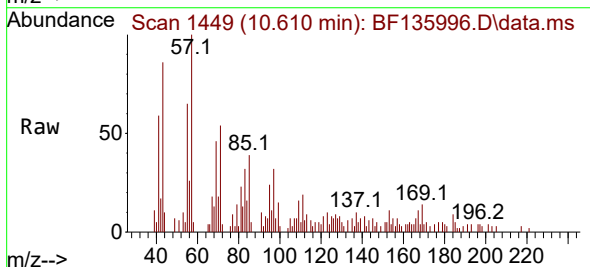
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

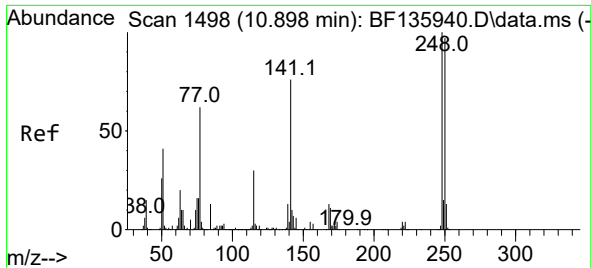
Tgt Ion:188 Resp: 443973
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 9.4 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.974 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.153 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 189.9 28.7 68.7#
105 232.8 27.2 67.2#

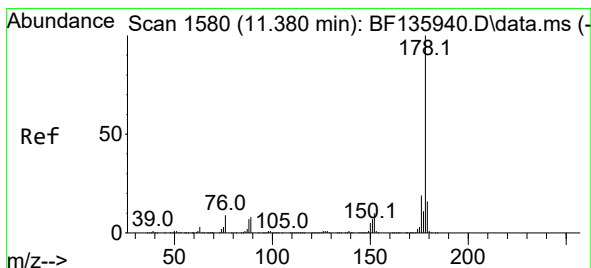
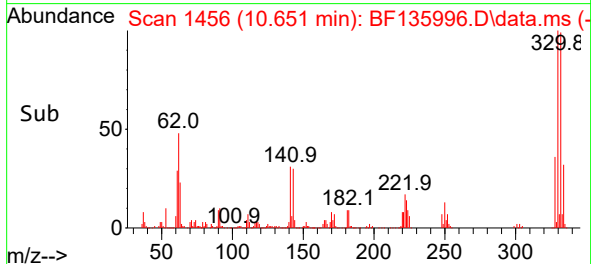
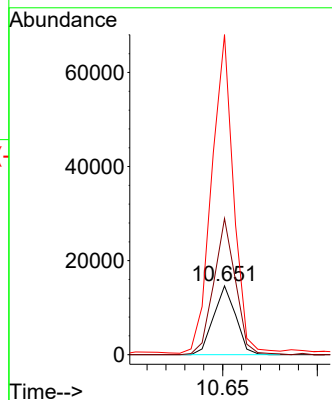
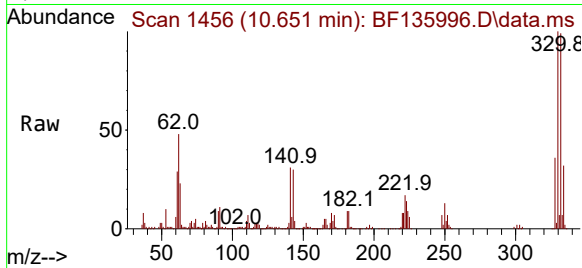




#67
4-Bromophenyl-phenylether
Concen: 2.618 ng
RT: 10.651 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

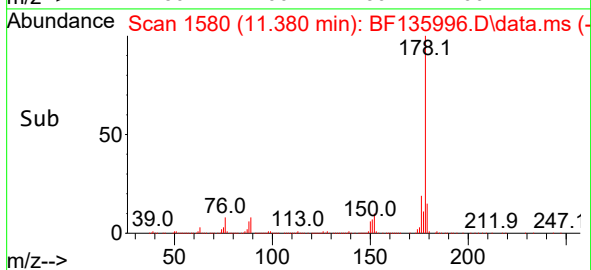
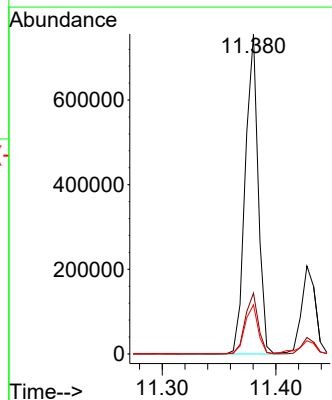
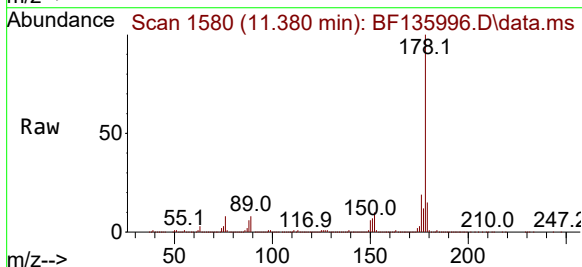
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

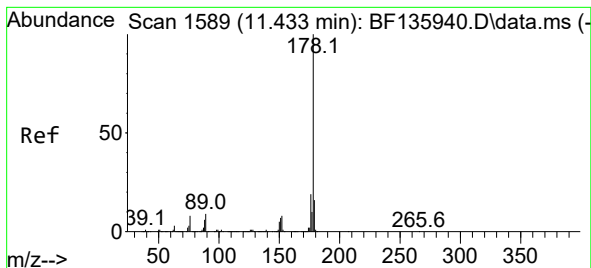
Tgt Ion:248 Resp: 11905
Ion Ratio Lower Upper
248 100
250 198.1 77.9 116.9#
141 465.4 60.8 91.2#



#71
Phenanthrene
Concen: 26.591 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:178 Resp: 597287
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.5 18.7





#72

Anthracene

Concen: 7.456 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

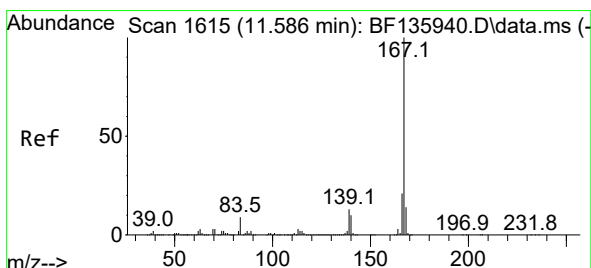
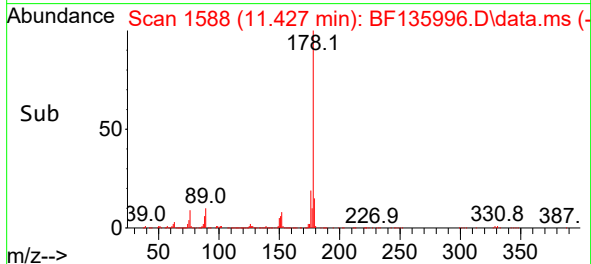
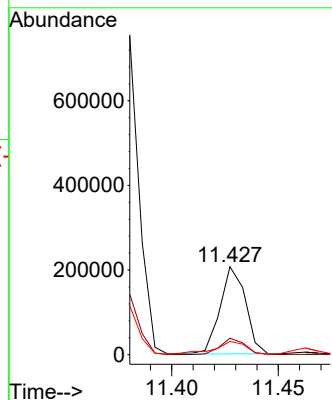
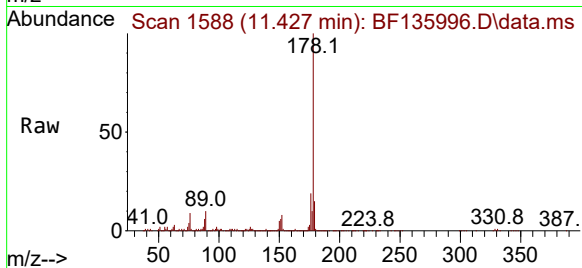
Tgt Ion:178 Resp: 171489

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.2 12.5 18.7



#73

Carbazole

Concen: 3.000 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

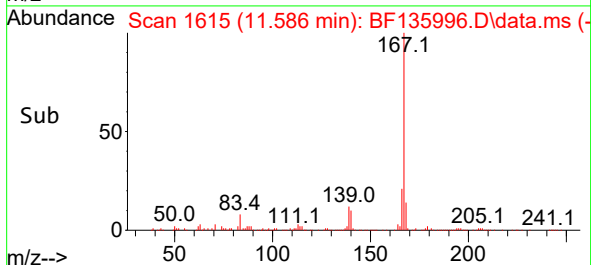
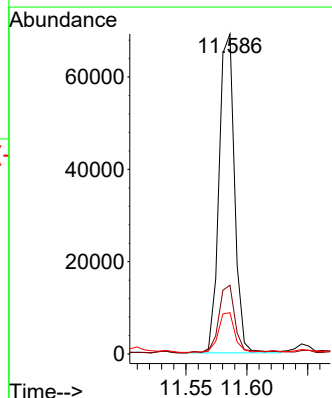
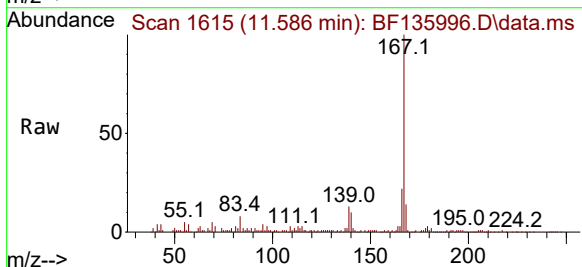
Tgt Ion:167 Resp: 61542

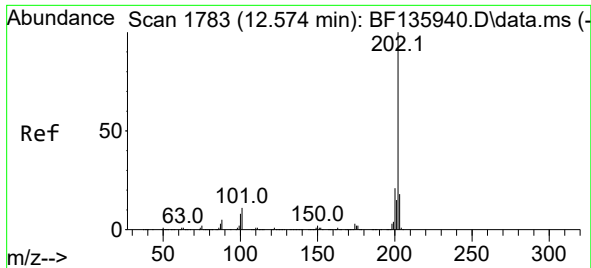
Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.9 10.4 15.6

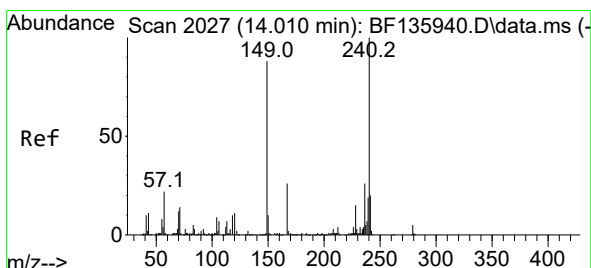
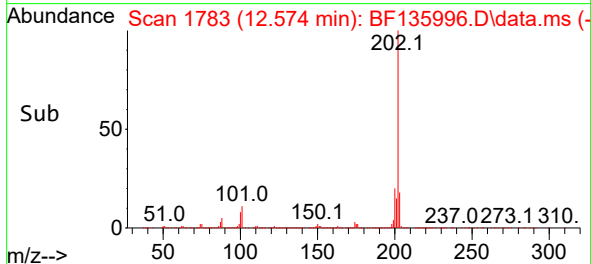
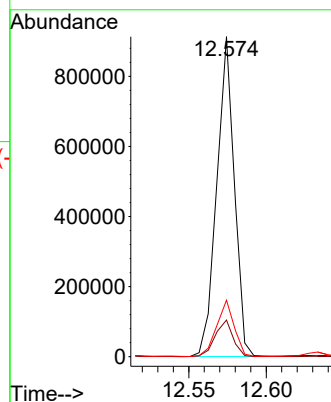
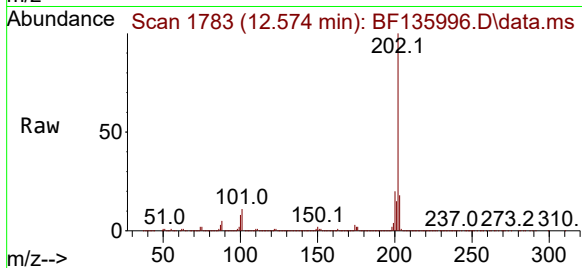




#75
Fluoranthene
Concen: 30.510 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

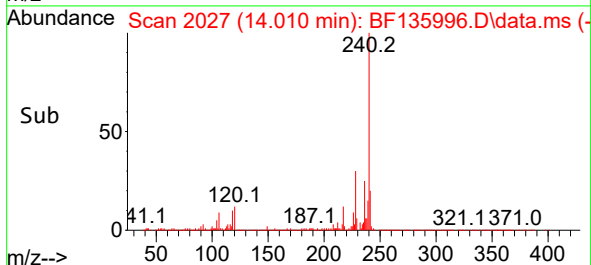
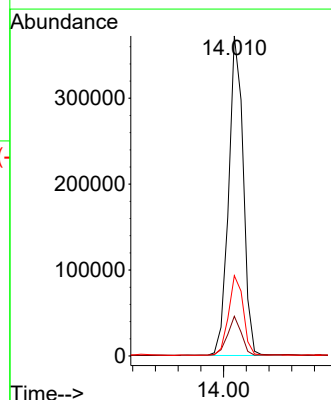
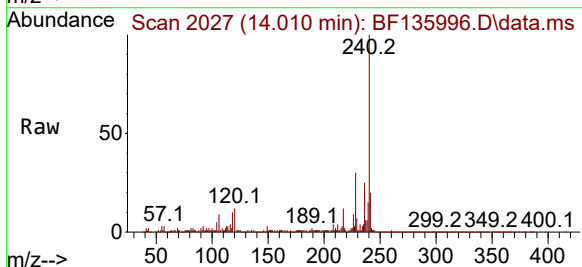
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

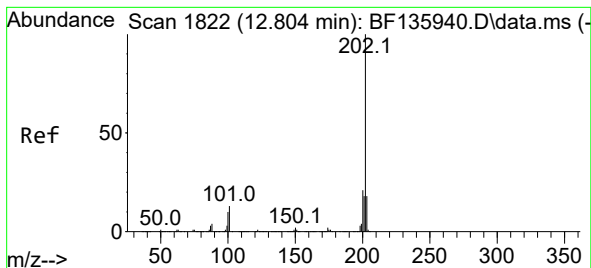
Tgt Ion:202 Resp: 720987
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.6
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:240 Resp: 332412
Ion Ratio Lower Upper
240 100
120 12.4 8.6 13.0
236 25.1 20.6 30.8





#78

Pyrene

Concen: 23.256 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

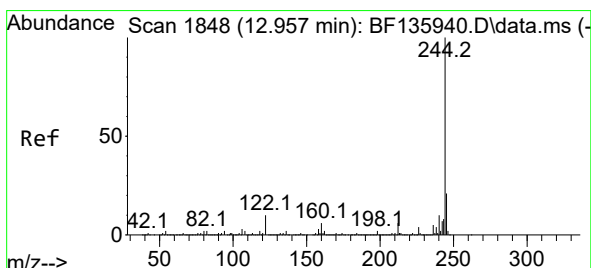
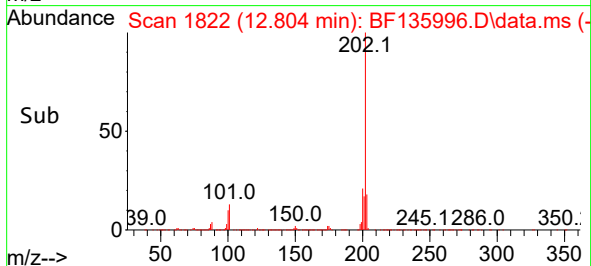
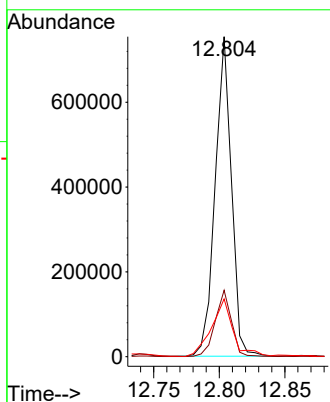
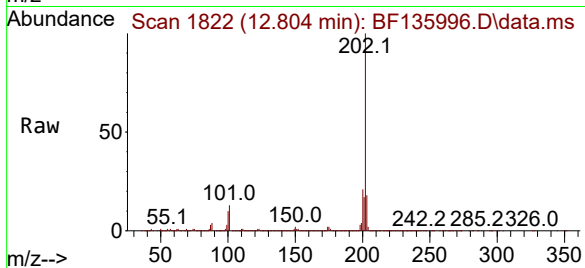
Tgt Ion:202 Resp: 649104

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 18.1 14.5 21.7



#79

Terphenyl-d14

Concen: 61.244 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

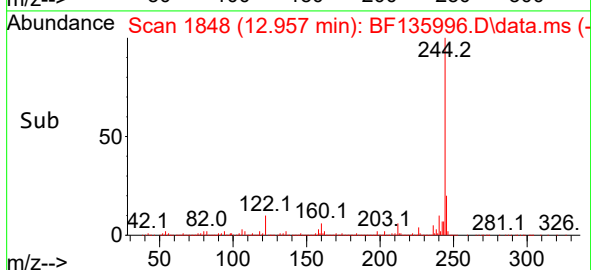
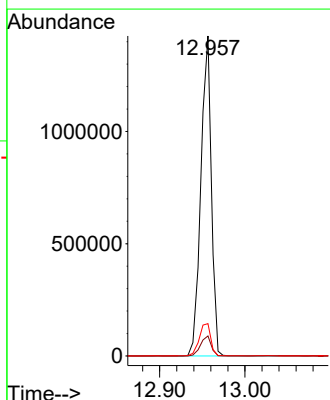
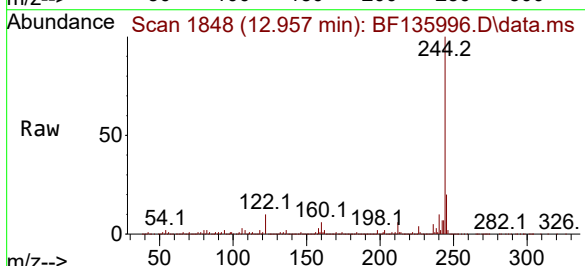
Tgt Ion:244 Resp: 1218499

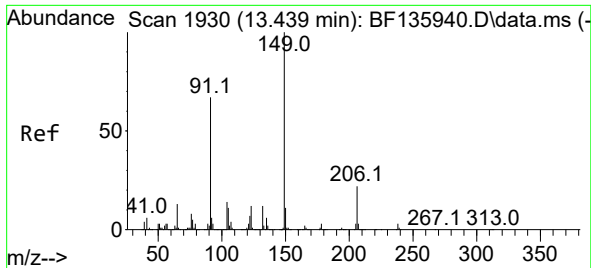
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 10.1 8.0 12.0

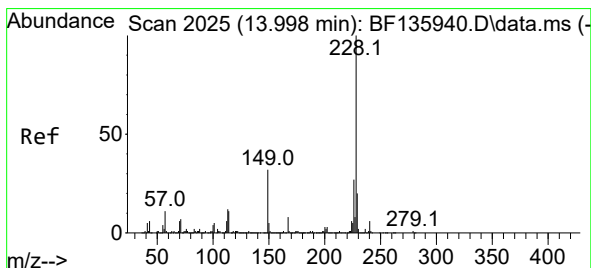
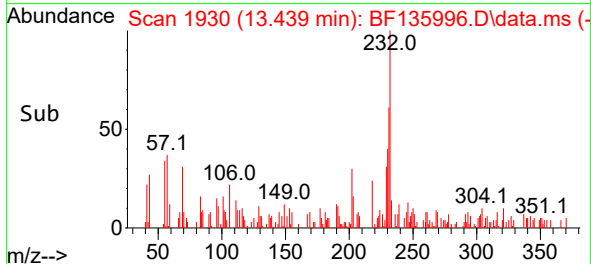
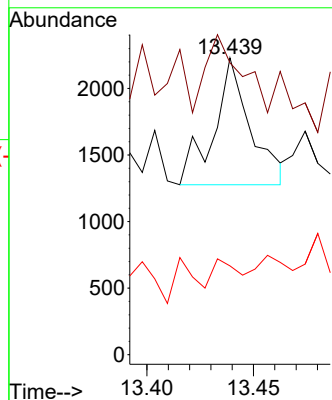
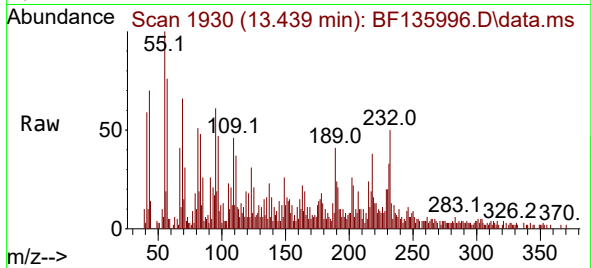




#80
Butylbenzylphthalate
Concen: 3.926 ng
RT: 13.439 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

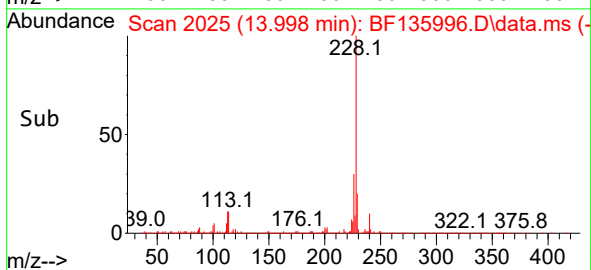
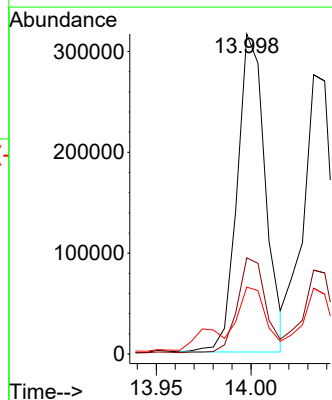
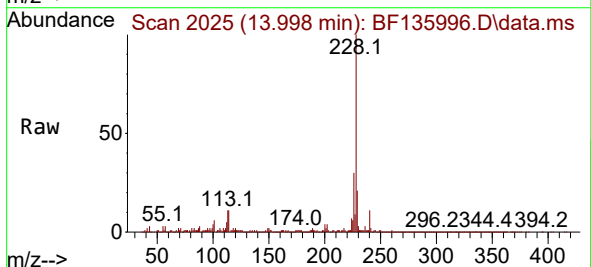
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

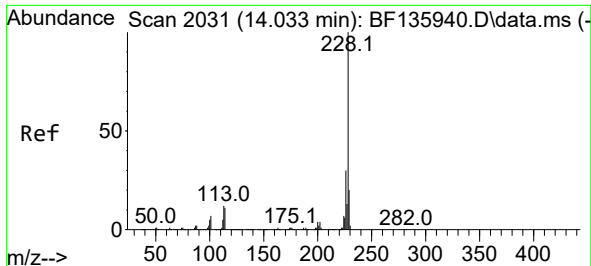
Tgt Ion:149 Resp: 1141
Ion Ratio Lower Upper
149 100
91 98.3 53.4 80.0#
206 29.9 17.5 26.3#



#81
Benzo(a)anthracene
Concen: 14.422 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:228 Resp: 325968
Ion Ratio Lower Upper
228 100
226 30.1 21.8 32.6
229 20.9 16.2 24.4

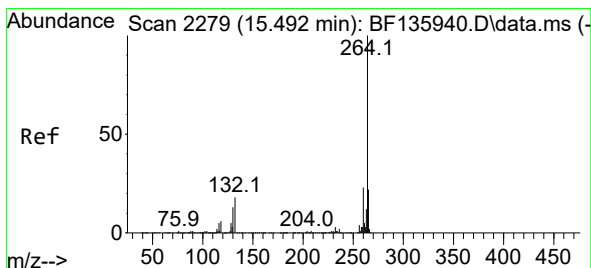
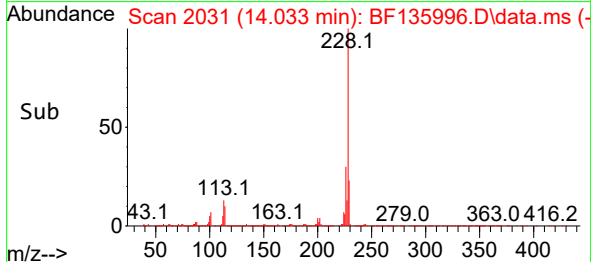
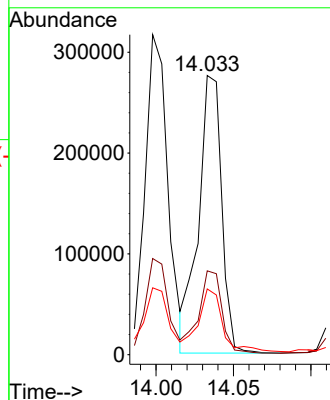
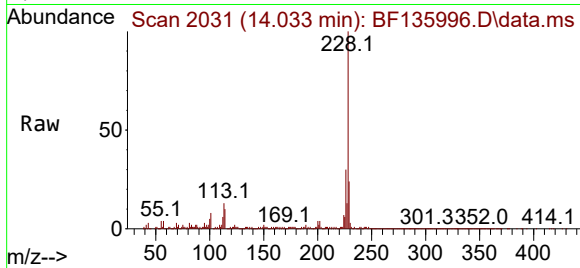




#83
Chrysene
Concen: 13.016 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

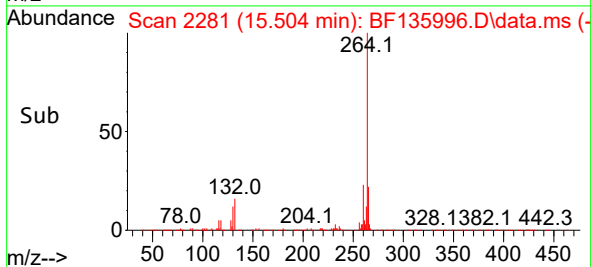
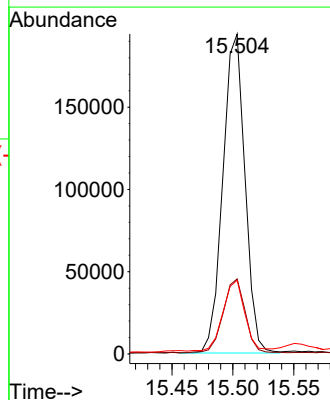
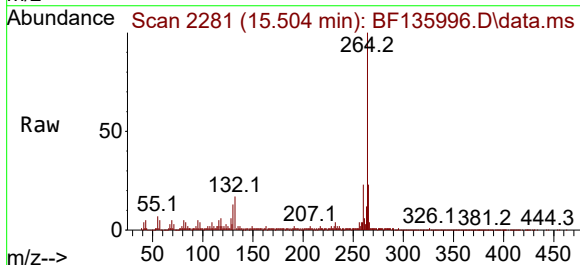
Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

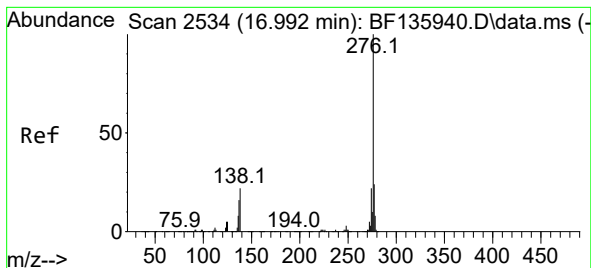
Tgt Ion:228 Resp: 286530
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 23.5 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF135996.D
Acq: 27 Oct 2023 21:10

Tgt Ion:264 Resp: 245431
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 23.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.937 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

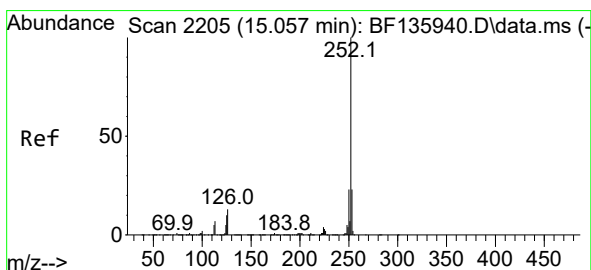
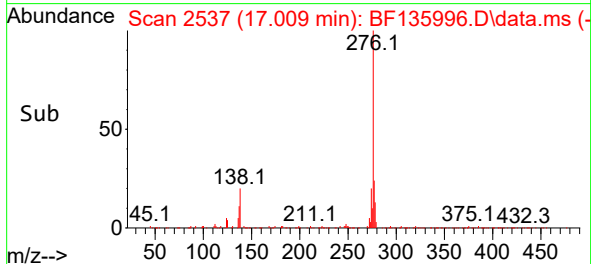
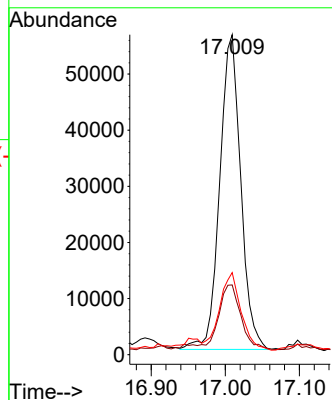
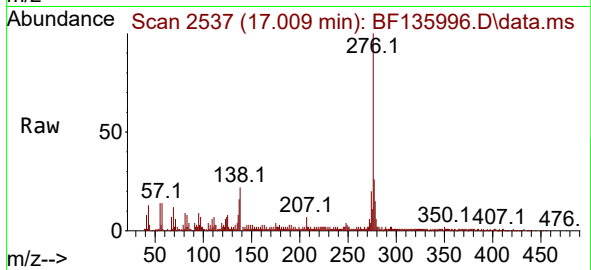
Tgt Ion:276 Resp: 110463

Ion Ratio Lower Upper

276 100

138 21.8 21.8 32.6

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 25.474 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

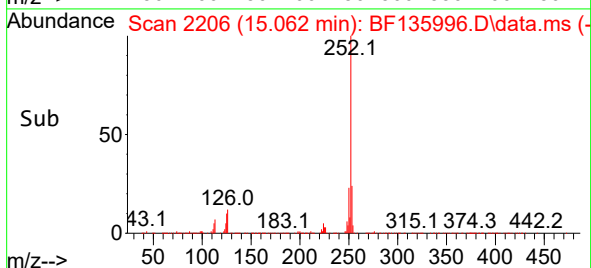
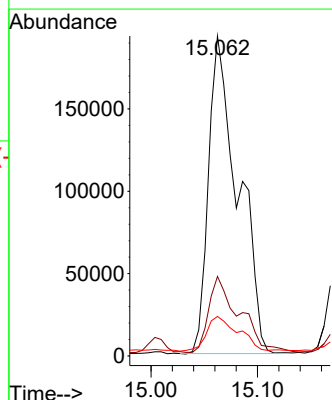
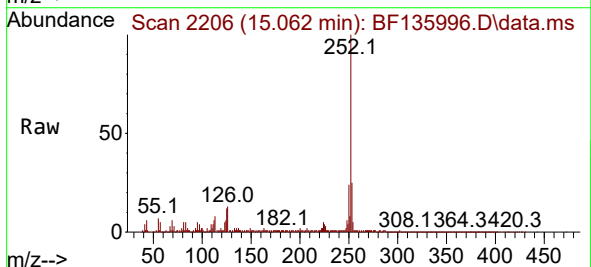
Tgt Ion:252 Resp: 372083

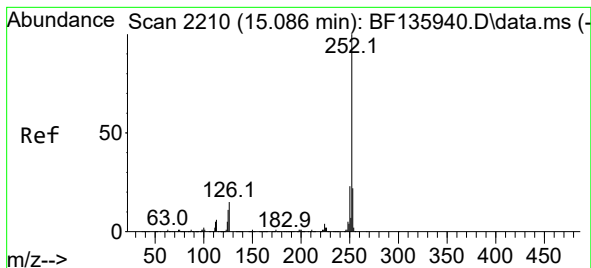
Ion Ratio Lower Upper

252 100

253 24.8 18.0 27.0

125 12.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 25.938 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

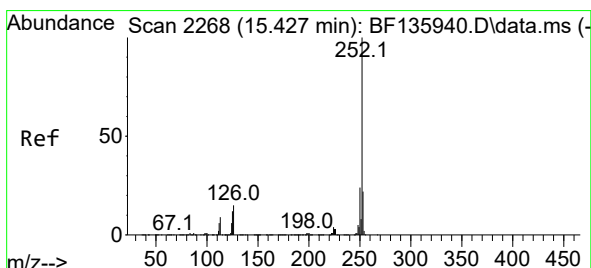
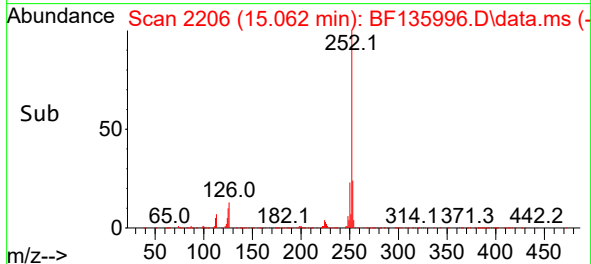
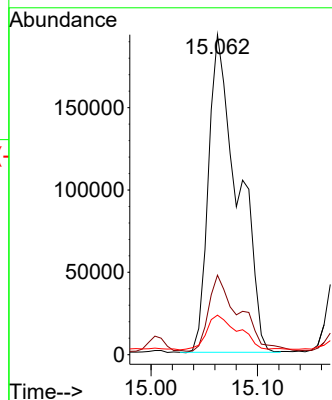
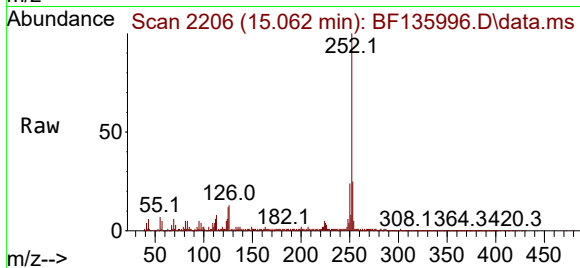
Tgt Ion:252 Resp: 372083

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 12.3 8.5 12.7



#90

Benzo(a)pyrene

Concen: 14.653 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

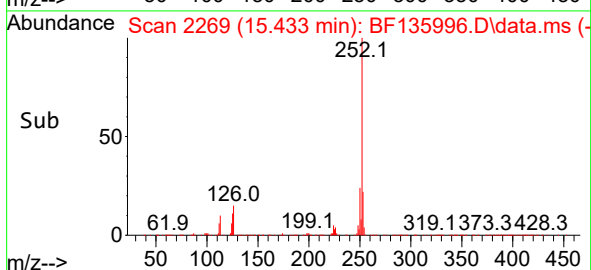
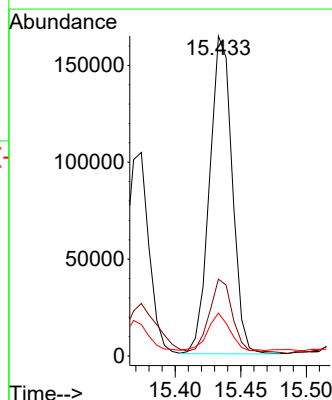
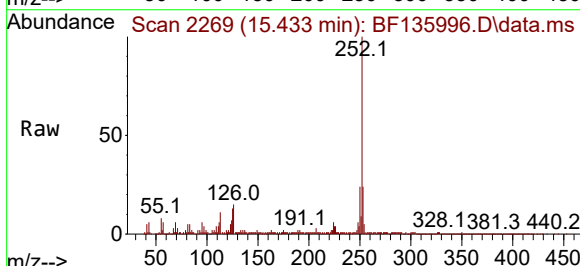
Tgt Ion:252 Resp: 197252

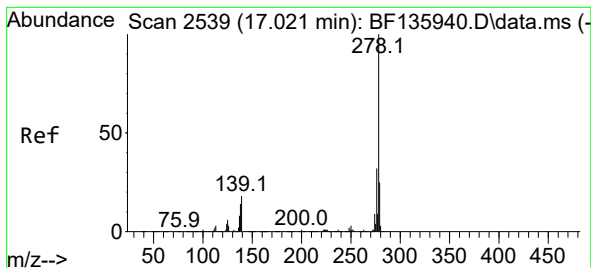
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 13.4 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 2.302 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Instrument :

BNA_F

ClientSampleId :

C-1(0-5)

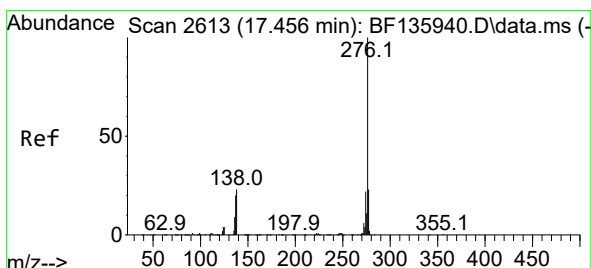
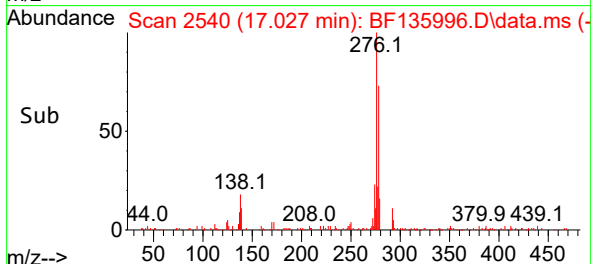
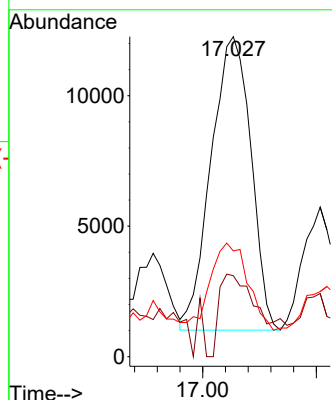
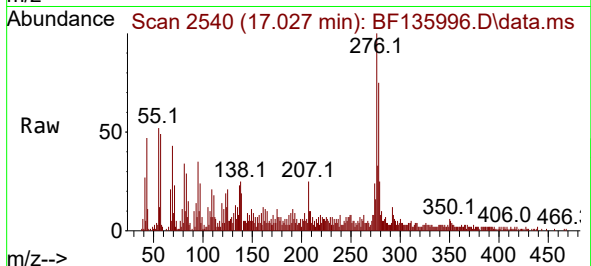
Tgt Ion:278 Resp: 27406

Ion Ratio Lower Upper

278 100

139 25.3 14.0 21.0#

279 33.1 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 10.926 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.012 min

Lab File: BF135996.D

Acq: 27 Oct 2023 21:10

Tgt Ion:276 Resp: 105265

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 22.1 18.4 27.6

