

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135971.D
 Acq On : 26 Oct 2023 19:20
 Operator : CG\JU
 Sample : 04693-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2(10-15)

Quant Time: Oct 27 01:19:27 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	172007	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	662720	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	290408	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	429569	20.000	ng	0.00
76) Chrysene-d12	14.015	240	337057	20.000	ng	0.00
86) Perylene-d12	15.498	264	273343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1002232	89.974	ng	0.00
7) Phenol-d6	6.451	99	1216884	87.749	ng	0.00
23) Nitrobenzene-d5	7.386	82	627112	63.858	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	222612	87.576	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	963483	53.124	ng	0.00
79) Terphenyl-d14	12.951	244	649846	32.213	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	83322	10.566	ng	# 78
24) Nitrobenzene	7.386	77	2012	2.755	ng	# 33
25) Isophorone	7.386	82	627099	29.936	ng	# 64
26) 2-Nitrophenol	7.486	139	54	3.103	ng	# 34
31) Naphthalene	8.128	128	184484	5.758	ng	97
32) Benzoic acid	7.886	122	883	6.022	ng	# 9
37) 2-Methylnaphthalene	8.816	142	73161	3.451	ng	99
38) 1-Methylnaphthalene	8.916	142	59135	2.985	ng	96
48) 2-Nitroaniline	9.416	65	63	4.224	ng	# 4
50) Dimethylphthalate	9.863	163	60631	3.219	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	40986	14.296	ng	# 21
52) Acenaphthene	9.892	154	151529	9.208	ng	98
53) 3-Nitroaniline	9.892	138	222	4.605	ng	# 1
55) Dibenzofuran	10.063	168	116751	4.911	ng	97
56) 4-Nitrophenol	9.963	139	2256	6.732	ng	# 33
57) 2,4-Dinitrotoluene	10.022	165	5264	6.785	ng	# 50
58) Fluorene	10.410	166	212346	11.939	ng	100
62) 4-Nitroaniline	10.410	138	2401	5.118	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.575	198	58	6.968	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	13797	3.136	ng	# 1
71) Phenanthrene	11.386	178	2040100	93.871	ng	99
72) Anthracene	11.427	178	642658	28.880	ng	99
73) Carbazole	11.580	167	187765	9.459	ng	99
75) Fluoranthene	12.580	202	2088412	91.340	ng	98
78) Pyrene	12.810	202	2093655	73.979	ng	99
80) Butylbenzylphthalate	13.433	149	1877	3.988	ng	# 48
81) Benzo(a)anthracene	14.004	228	1184170	51.670	ng	98
83) Chrysene	14.039	228	1093867	49.006	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	315747	20.371	ng	94
88) Benzo(b)fluoranthene	15.062	252	1220476	75.026	ng	98
89) Benzo(k)fluoranthene	15.062	252	1220476	76.392	ng	98
90) Benzo(a)pyrene	15.433	252	675658	45.066	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	82402	6.215	ng	94
92) Benzo(g,h,i)perylene	17.456	276	285396	21.209	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

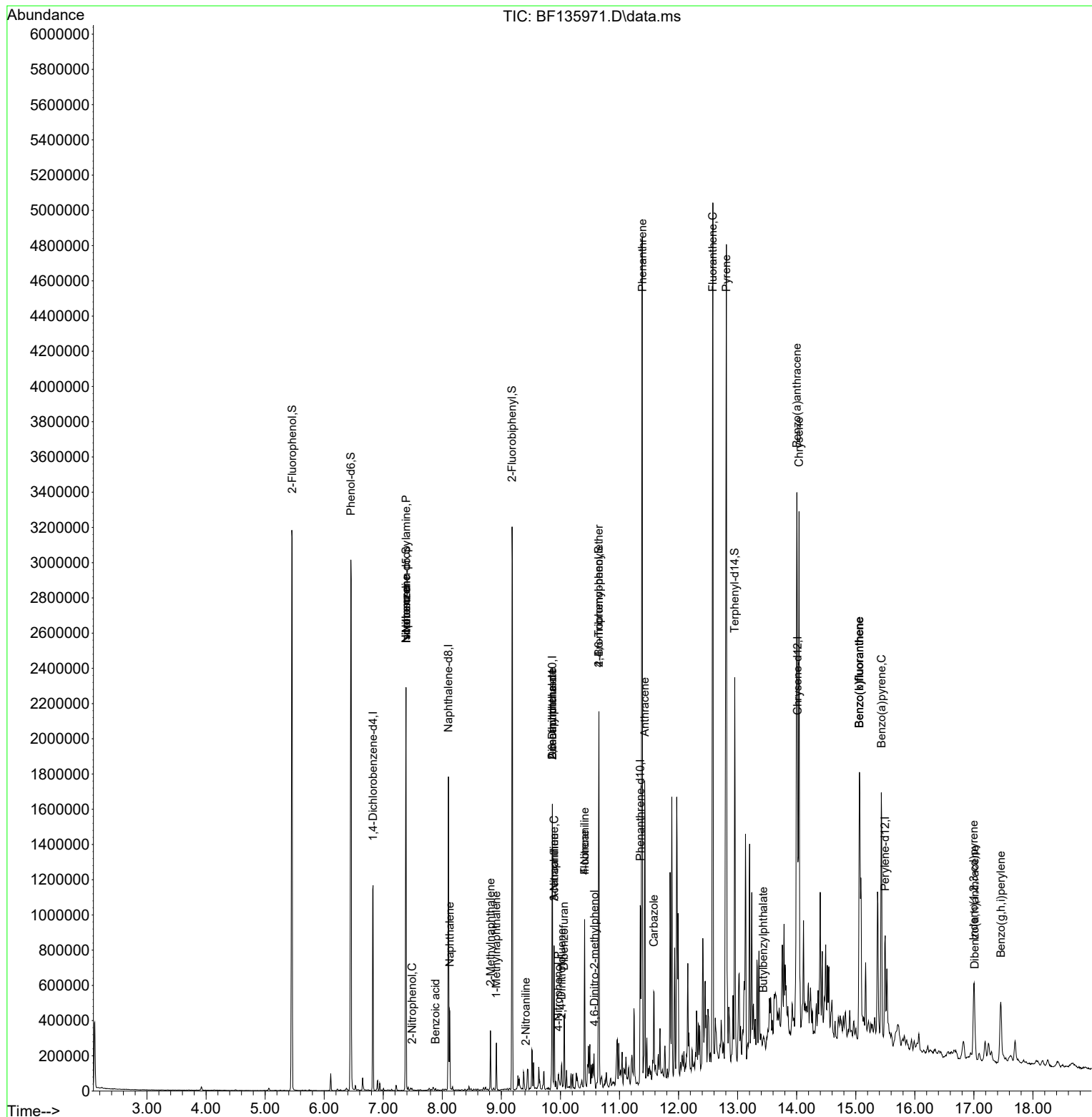
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

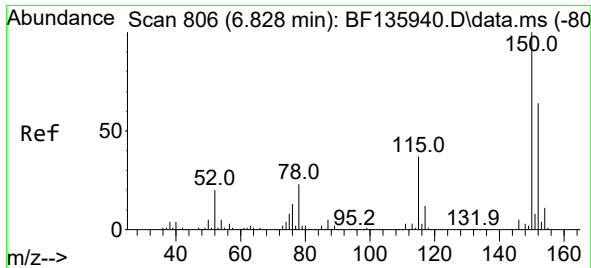
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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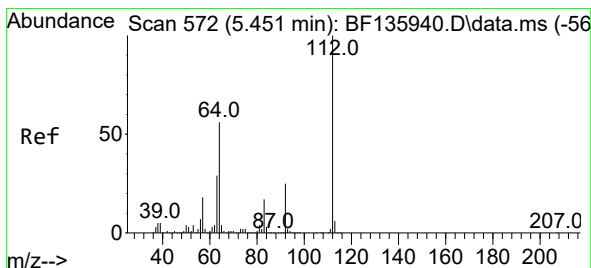
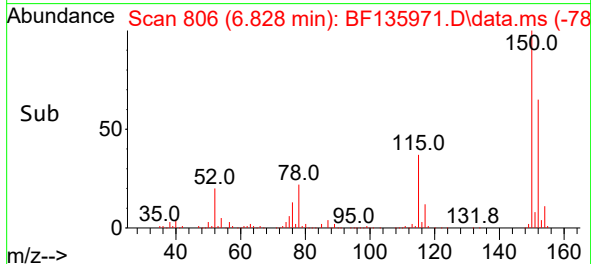
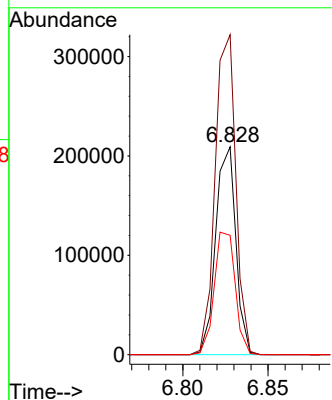
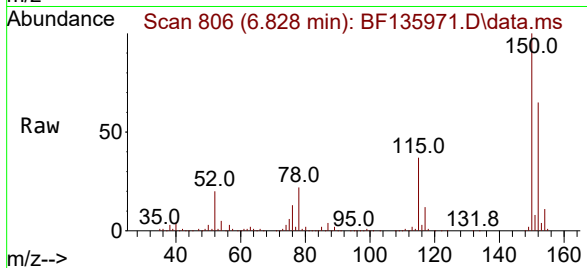




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

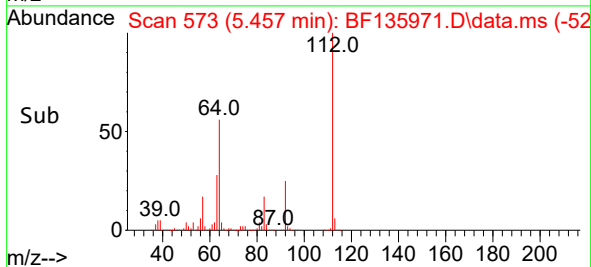
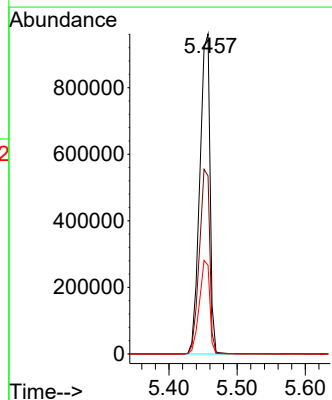
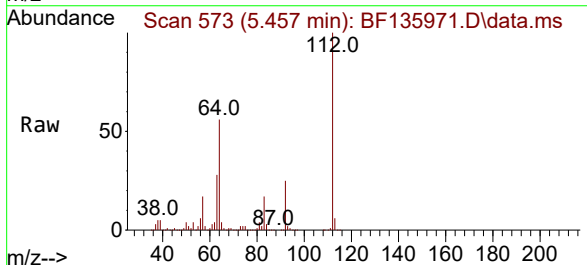
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

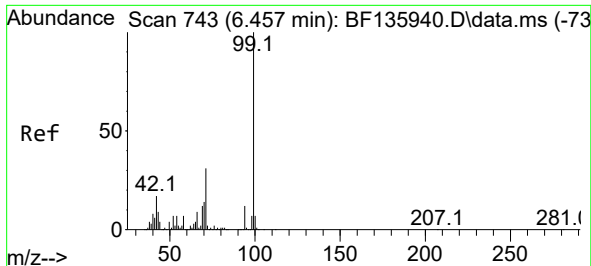
Tgt Ion:152 Resp: 172007
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 57.4 46.6 69.8



#5
2-Fluorophenol
Concen: 89.974 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:112 Resp: 1002232
Ion Ratio Lower Upper
112 100
64 55.7 45.1 67.7
63 27.8 23.0 34.4

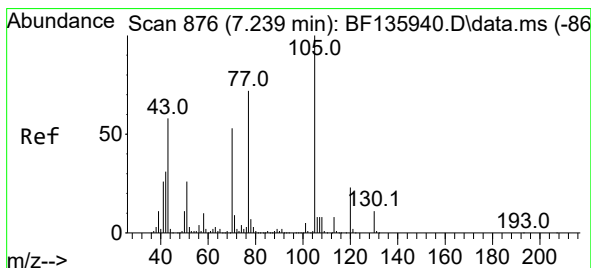
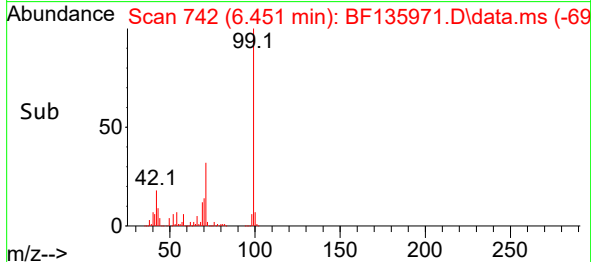
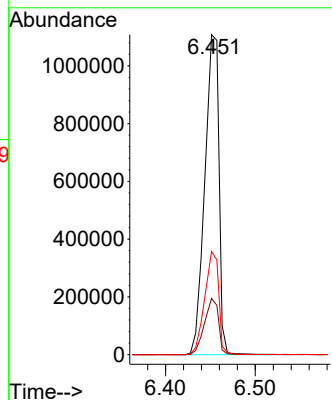
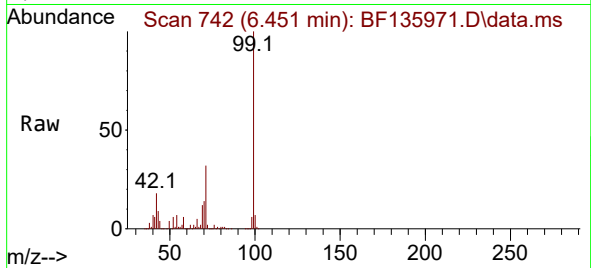




#7
Phenol-d6
Concen: 87.749 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

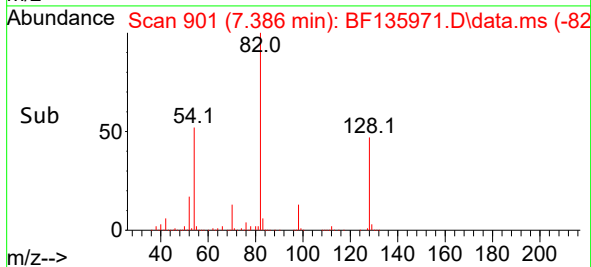
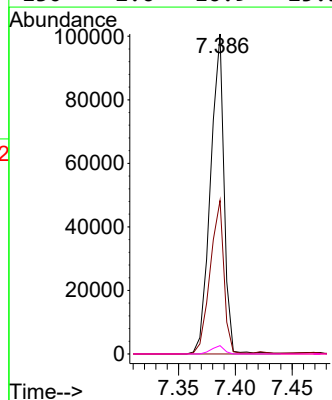
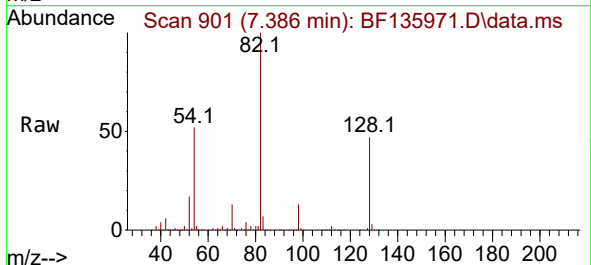
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

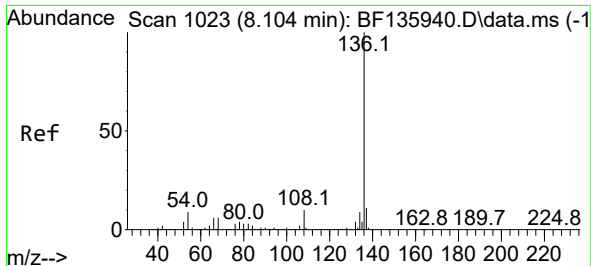
Tgt Ion: 99 Resp: 1216884
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.2 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.566 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion: 70 Resp: 83322
Ion Ratio Lower Upper
70 100
42 47.9 47.3 70.9
101 0.0 7.8 11.8#
130 2.6 16.9 25.3#

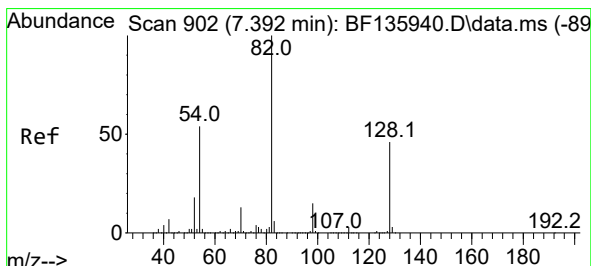
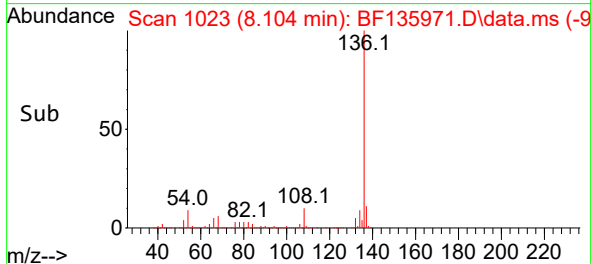
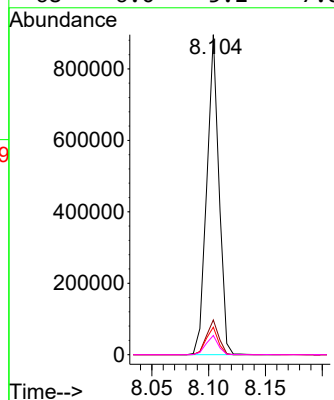
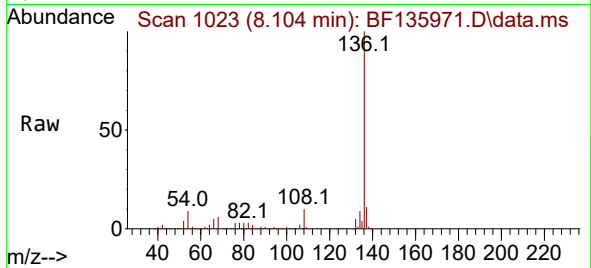




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

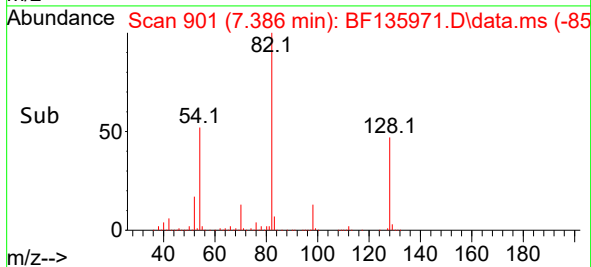
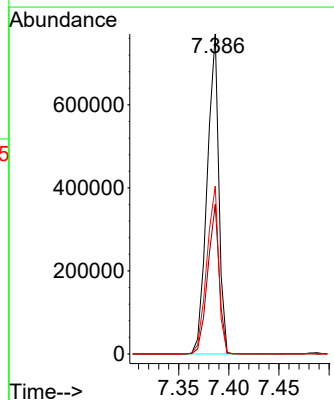
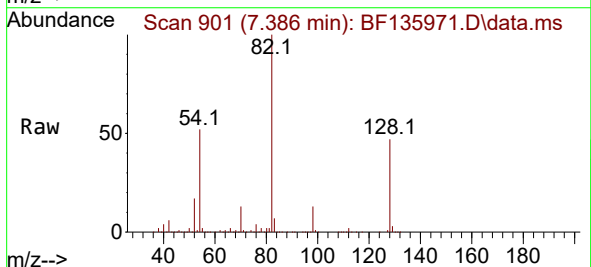
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

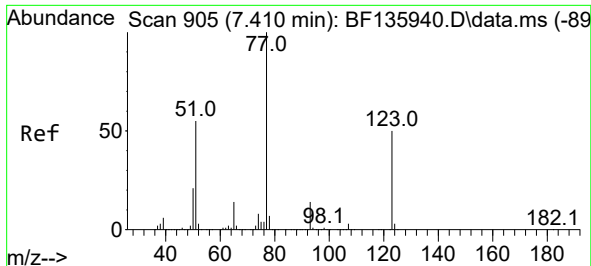
Tgt Ion:136 Resp: 662720
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.6 7.1 10.7
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 63.858 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion: 82 Resp: 627112
Ion Ratio Lower Upper
82 100
128 46.7 36.8 55.2
54 52.4 43.4 65.0

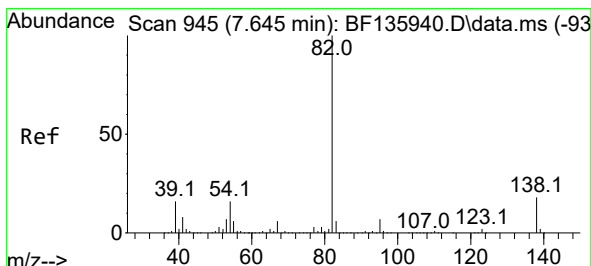
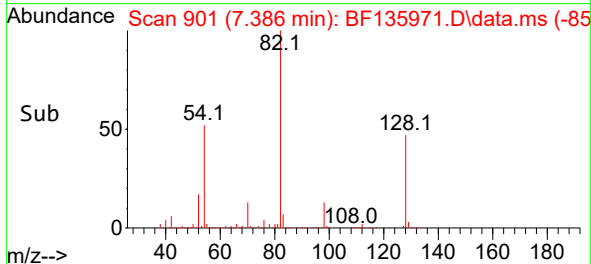
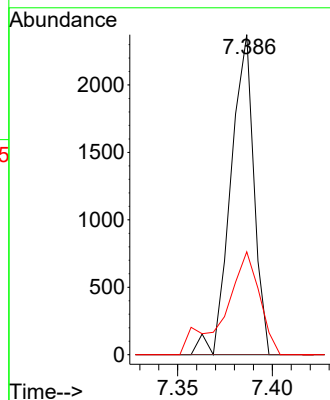
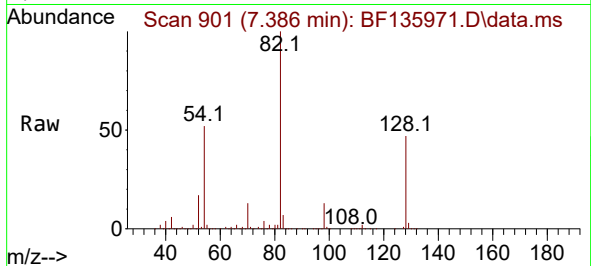




#24
Nitrobenzene
Concen: 2.755 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.024 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

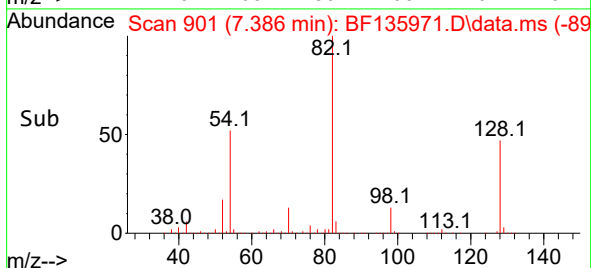
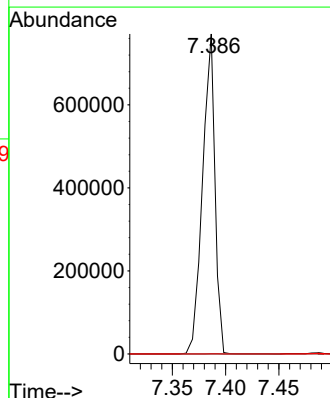
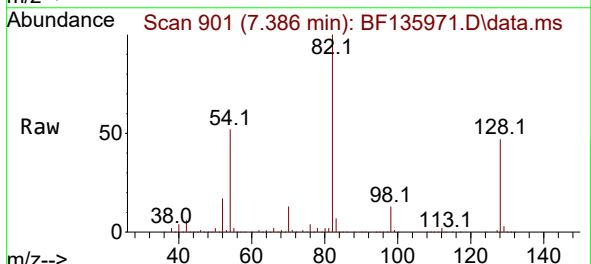
Instrument :
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ClientSampleId :
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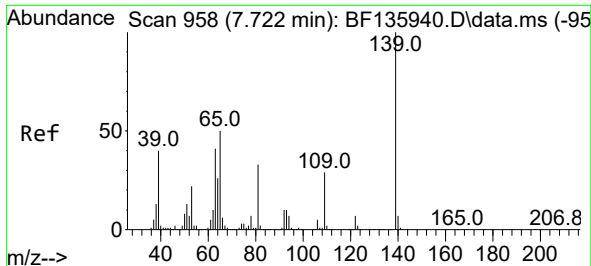
Tgt Ion: 77 Resp: 2012
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 32.2 11.0 16.4#



#25
Isophorone
Concen: 29.936 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion: 82 Resp: 627099
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

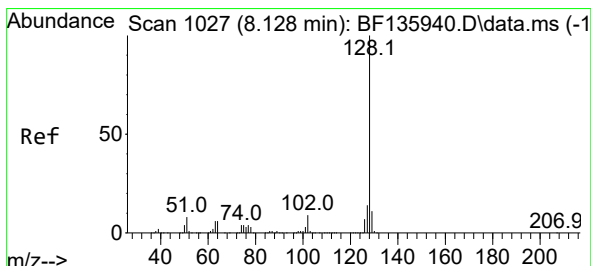
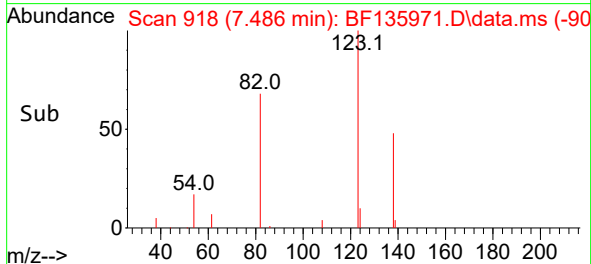
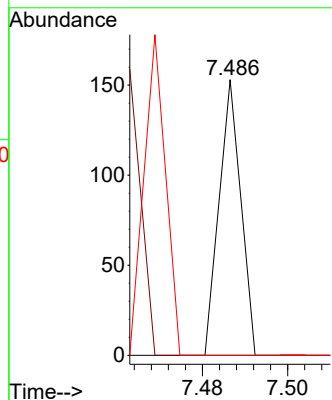
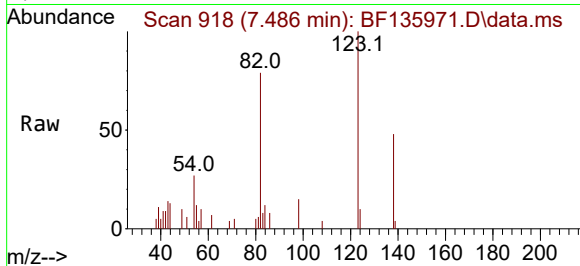




#26
2-Nitrophenol
Concen: 3.103 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.236 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

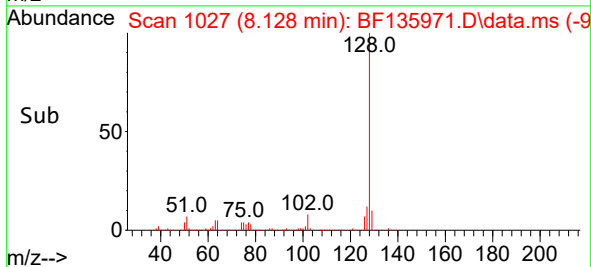
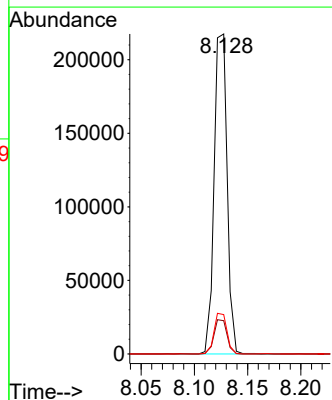
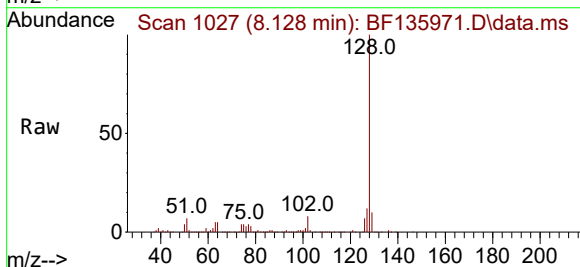
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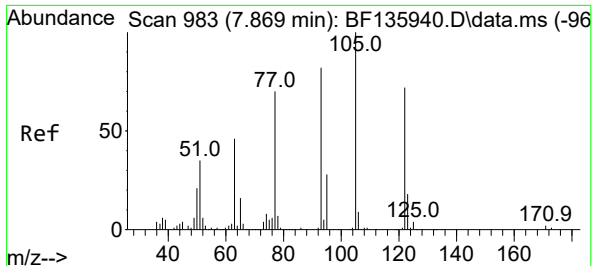
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 23.1 34.7#
65 0.0 39.8 59.8#



#31
Naphthalene
Concen: 5.758 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:128 Resp: 184484
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.3 10.9 16.3

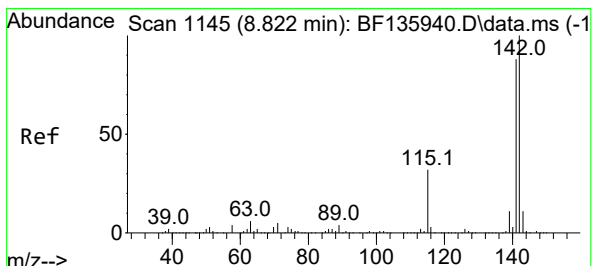
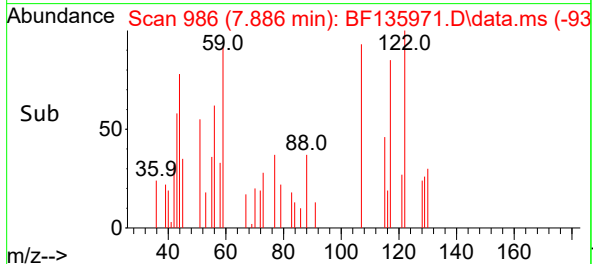
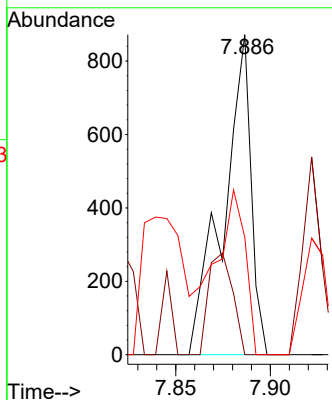
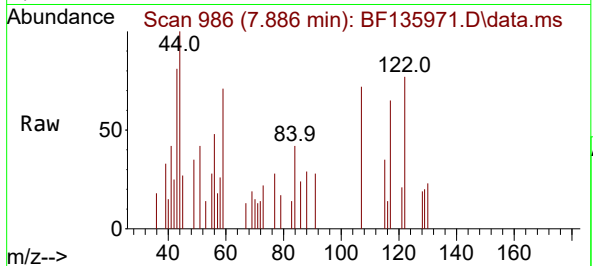




#32
Benzoic acid
Concen: 6.022 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.017 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

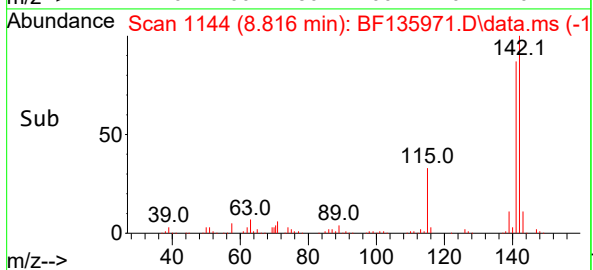
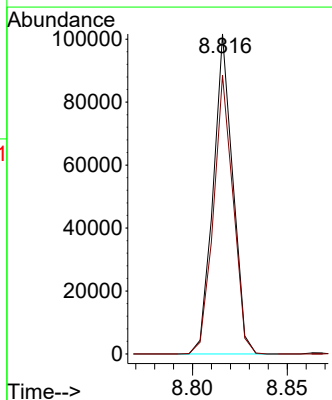
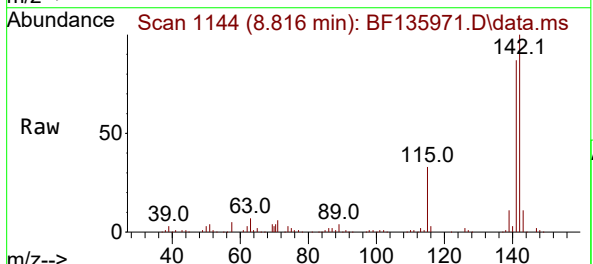
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

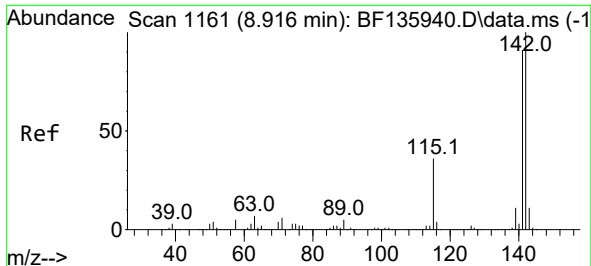
Tgt Ion:122 Resp: 883
Ion Ratio Lower Upper
122 100
105 0.0 113.1 153.1#
77 36.7 75.2 115.2#



#37
2-Methylnaphthalene
Concen: 3.451 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:142 Resp: 73161
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6

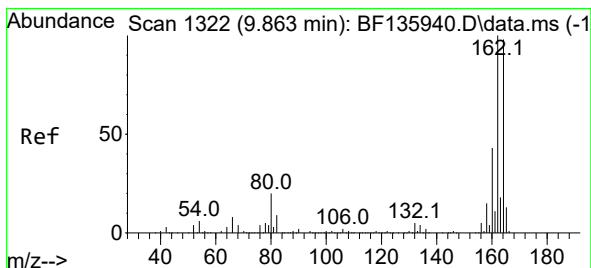
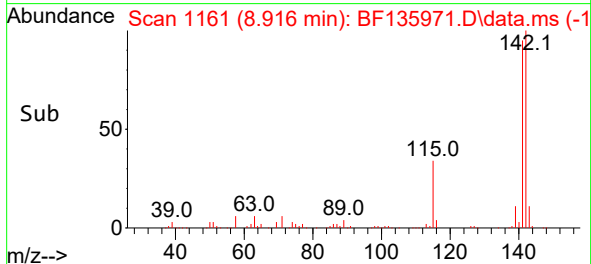
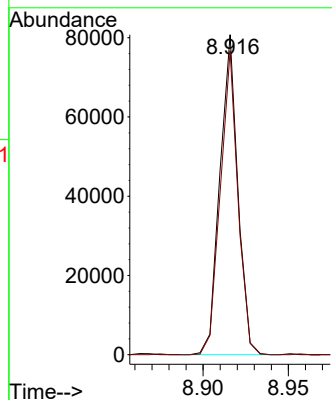
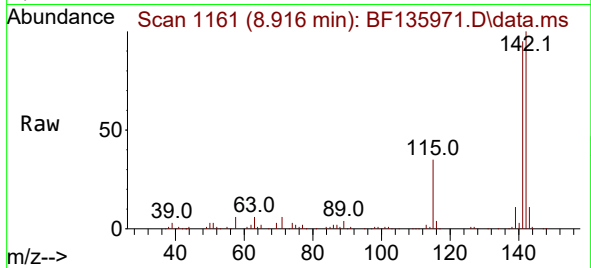




#38
1-Methylnaphthalene
Concen: 2.985 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

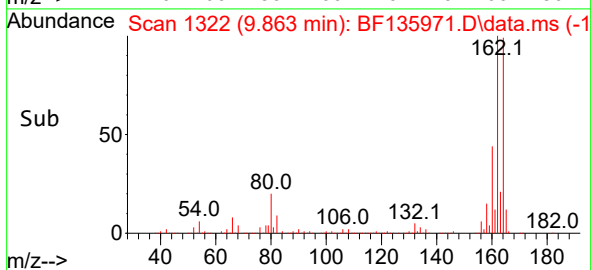
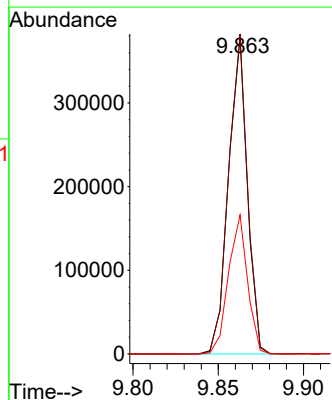
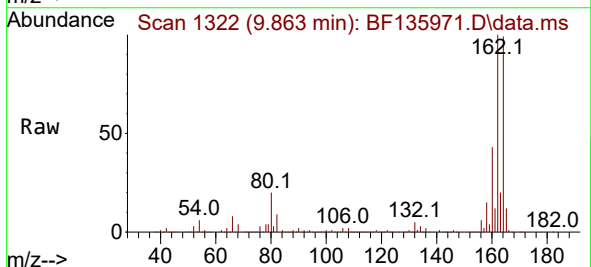
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

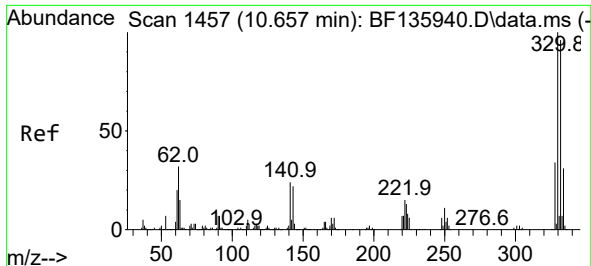
Tgt Ion:142 Resp: 59135
Ion Ratio Lower Upper
142 100
141 95.0 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:164 Resp: 290408
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 87.576 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

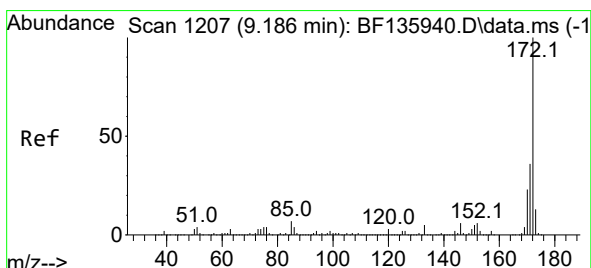
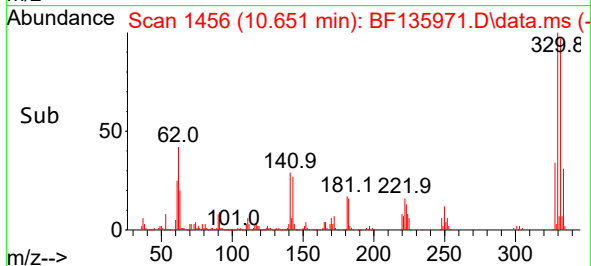
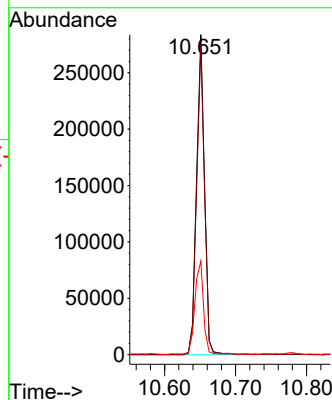
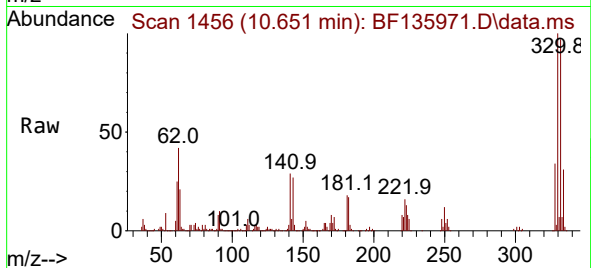
Tgt Ion:330 Resp: 222612

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

141 31.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 53.124 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

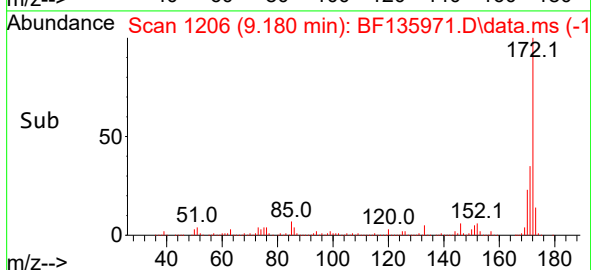
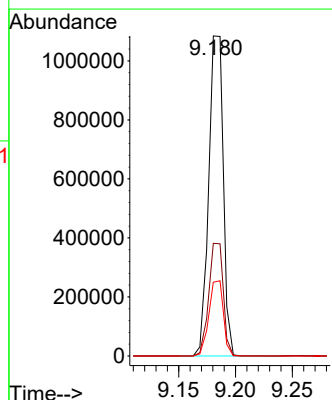
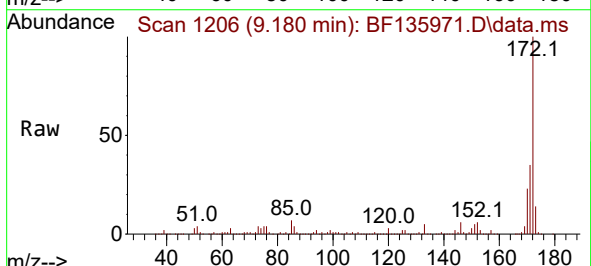
Tgt Ion:172 Resp: 963483

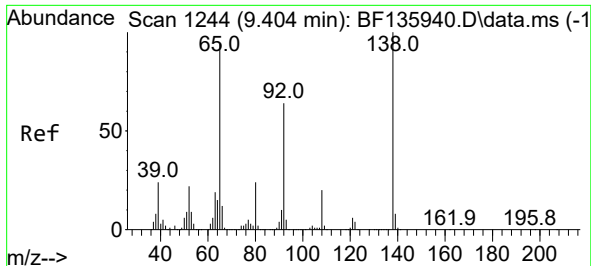
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.1 18.6 28.0

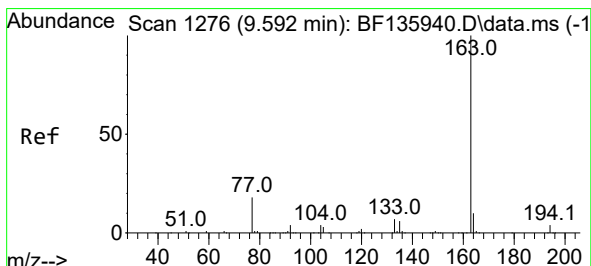
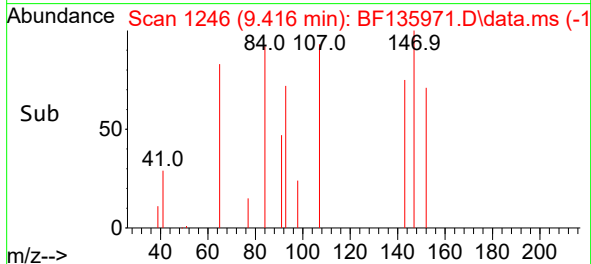
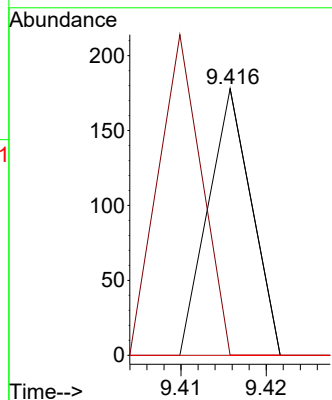
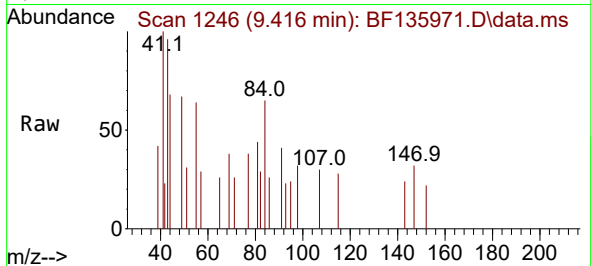




#48
2-Nitroaniline
Concen: 4.224 ng
RT: 9.416 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

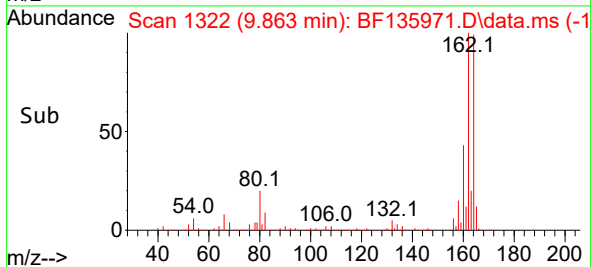
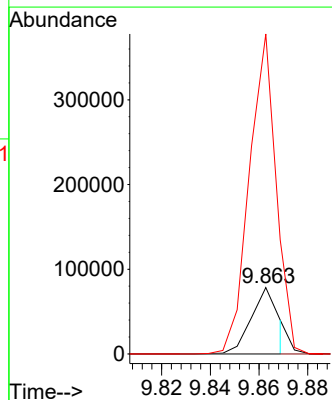
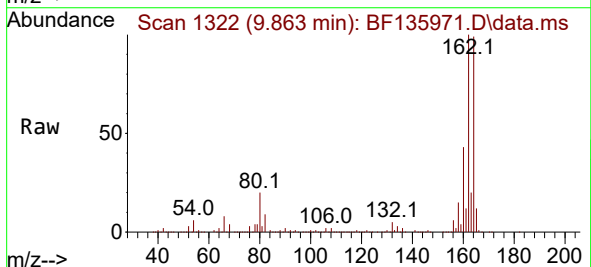
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

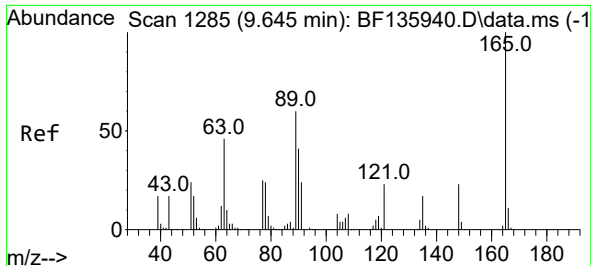
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.219 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion: 163 Resp: 60631
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 482.0 8.3 12.5#

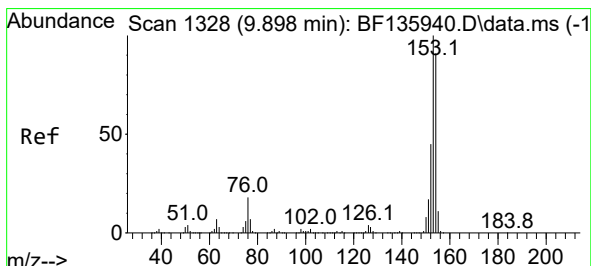
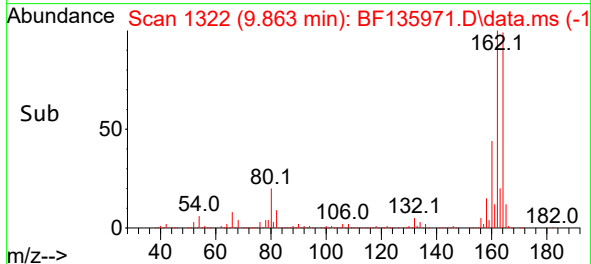
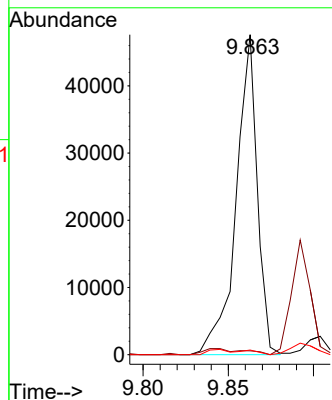
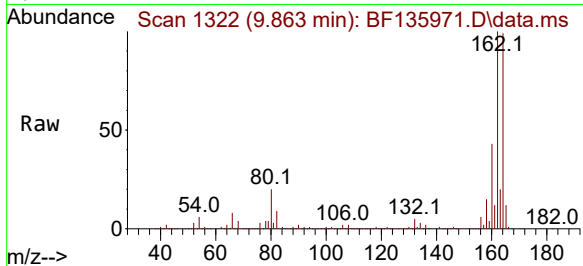




#51
2,6-Dinitrotoluene
Concen: 14.296 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

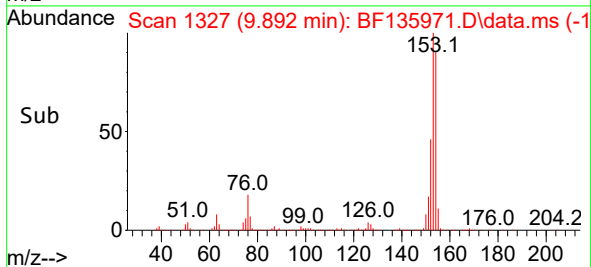
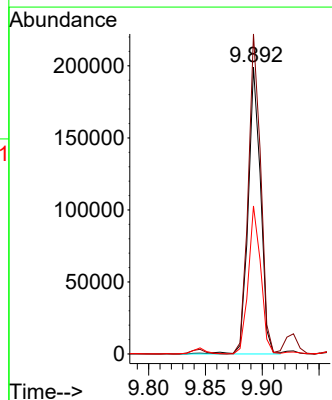
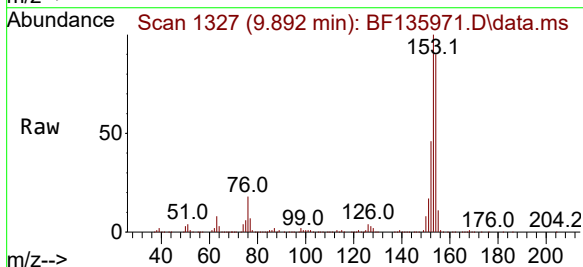
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

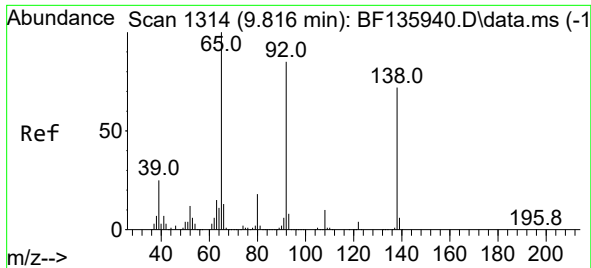
Tgt Ion:165 Resp: 40986
Ion Ratio Lower Upper
165 100
63 1.2 51.7 77.5#
89 1.5 48.3 72.5#



#52
Acenaphthene
Concen: 9.208 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:154 Resp: 151529
Ion Ratio Lower Upper
154 100
153 111.5 88.0 132.0
152 51.6 39.4 59.2

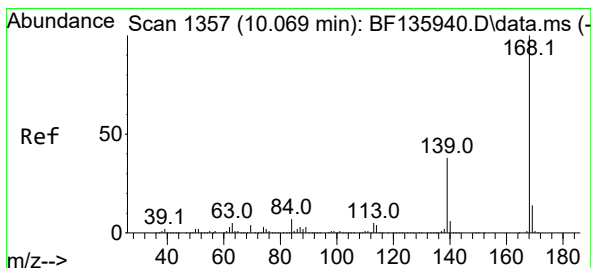
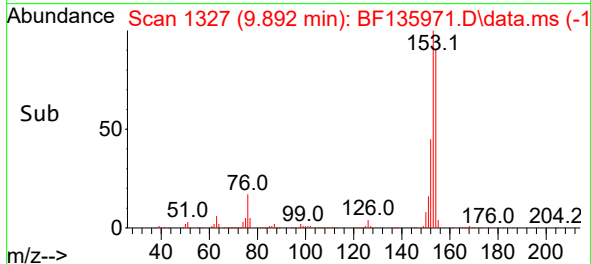
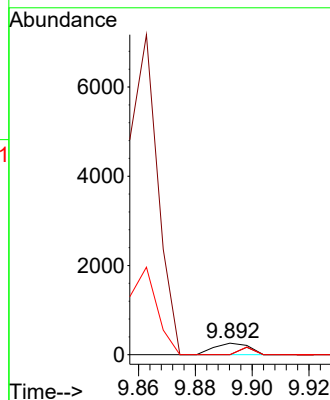
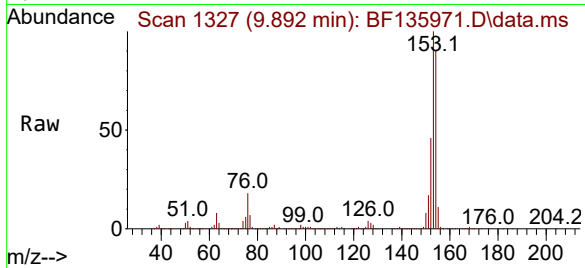




#53
3-Nitroaniline
Concen: 4.605 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

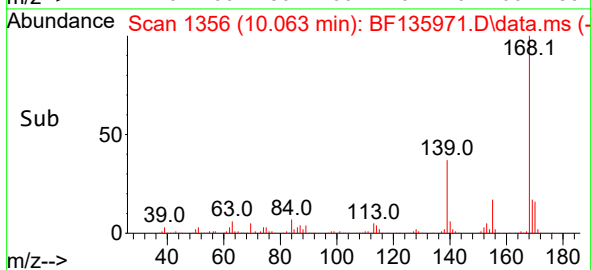
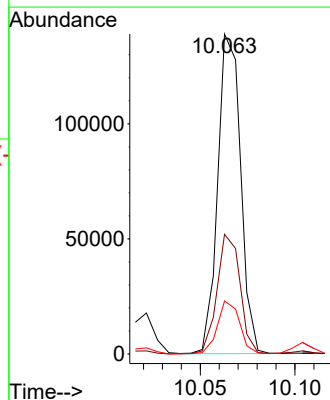
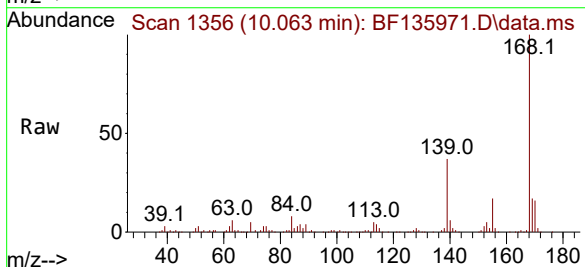
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

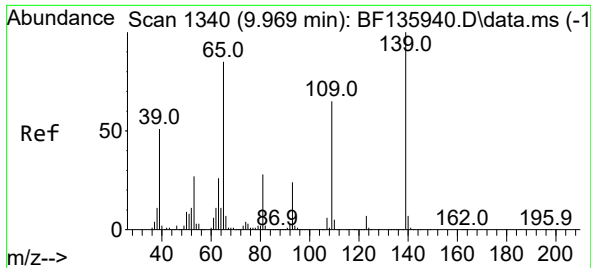
Tgt Ion:138 Resp: 222
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 95.0 142.6#



#55
Dibenzofuran
Concen: 4.911 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:168 Resp: 116751
Ion Ratio Lower Upper
168 100
139 37.4 30.7 46.1
169 16.6 11.1 16.7

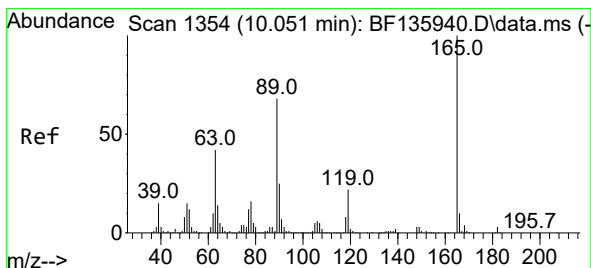
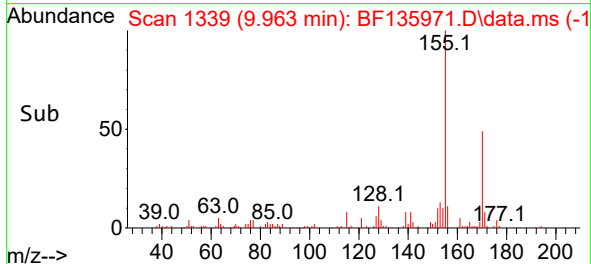
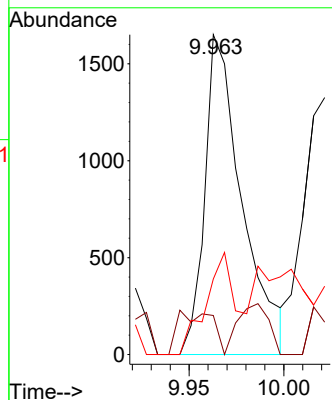
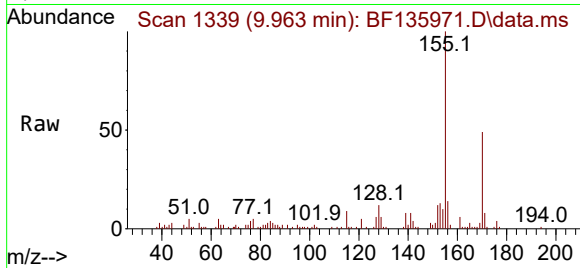




#56
4-Nitrophenol
Concen: 6.732 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

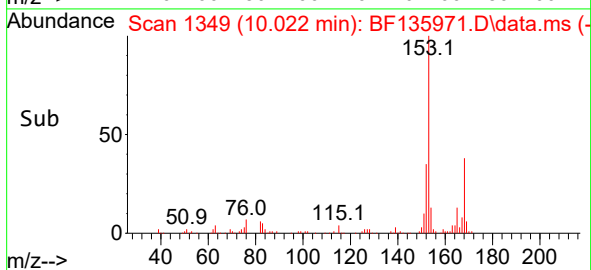
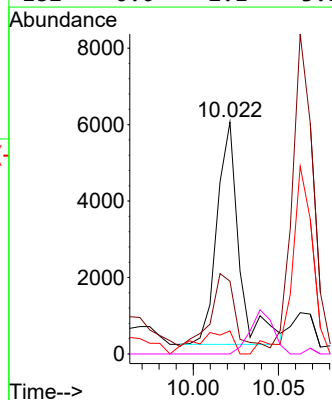
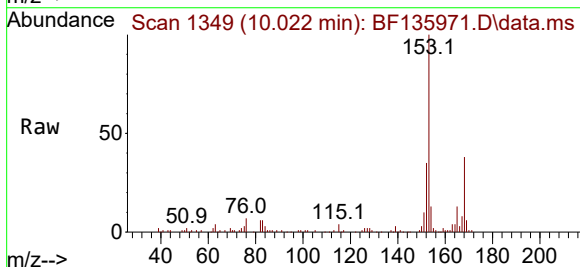
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

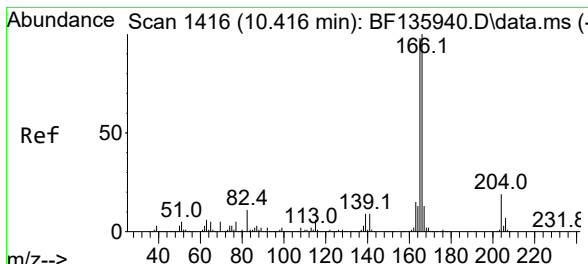
Tgt Ion:139 Resp: 2256
Ion Ratio Lower Upper
139 100
109 12.2 45.2 85.2#
65 23.6 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:165 Resp: 5264
Ion Ratio Lower Upper
165 100
63 31.4 33.7 50.5#
89 9.9 54.6 81.8#
182 0.0 2.1 3.1#

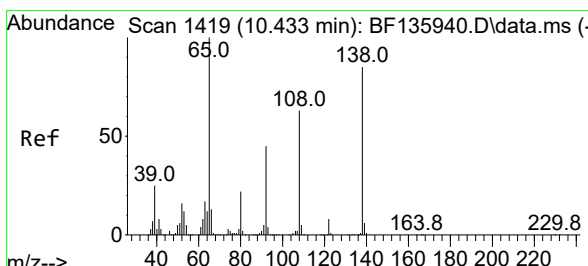
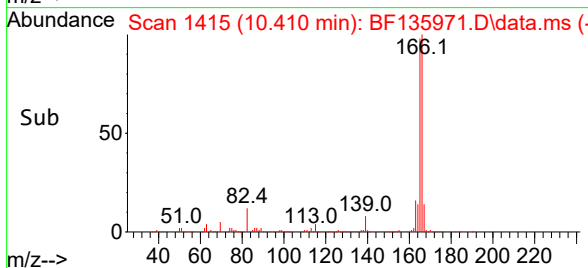
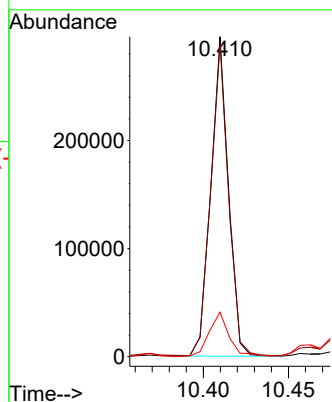
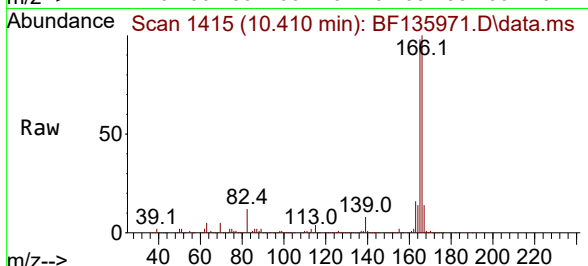




#58
 Fluorene
 Concen: 11.939 ng
 RT: 10.410 min Scan# 1416
 Delta R.T. -0.006 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

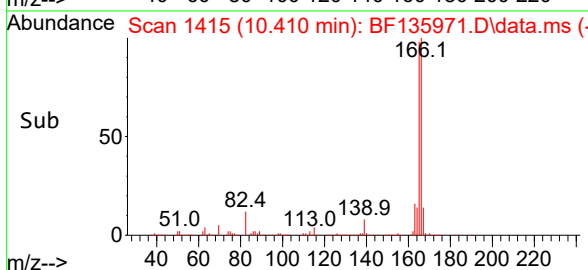
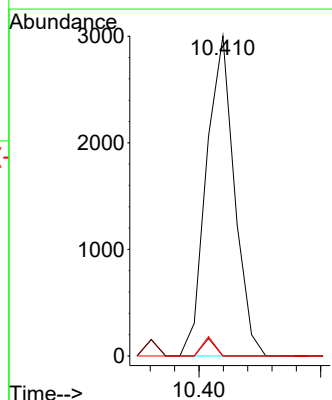
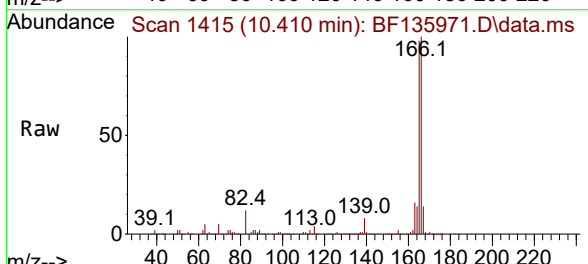
Instrument :
 BNA_F
 ClientSampleId :
 S-2(10-15)

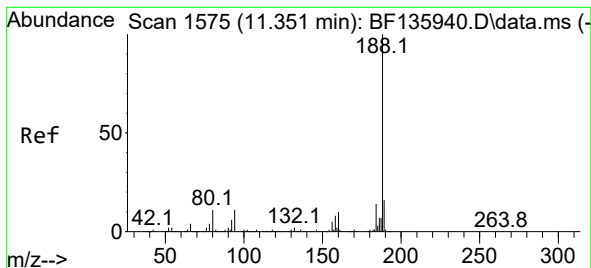
Tgt Ion:166 Resp: 212346
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.0 117.0
 167 13.9 10.6 16.0



#62
 4-Nitroaniline
 Concen: 5.118 ng
 RT: 10.410 min Scan# 1415
 Delta R.T. -0.023 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

Tgt Ion:138 Resp: 2401
 Ion Ratio Lower Upper
 138 100
 92 0.0 32.9 72.9#
 108 0.0 53.5 93.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

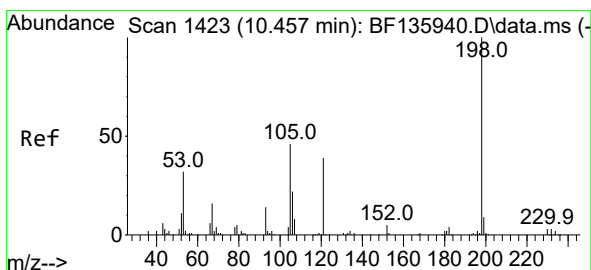
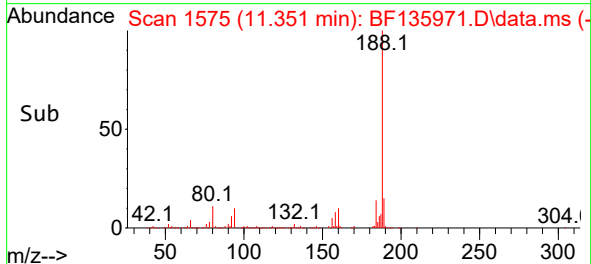
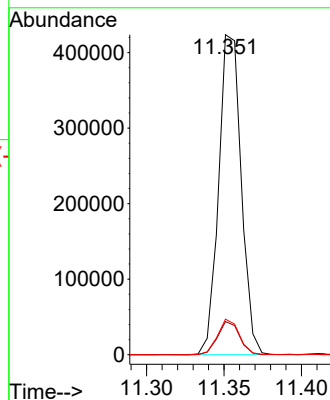
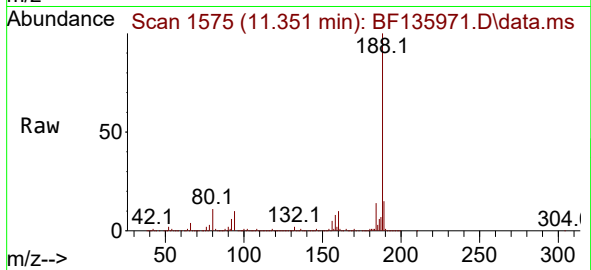
Tgt Ion:188 Resp: 429569

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 11.1 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 6.968 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.117 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

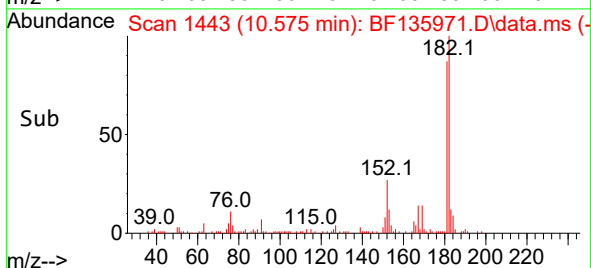
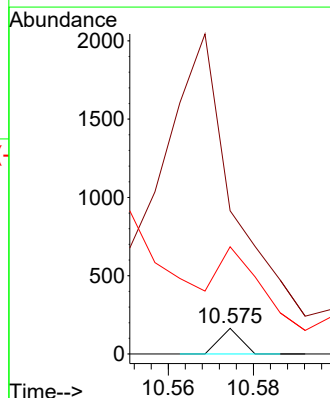
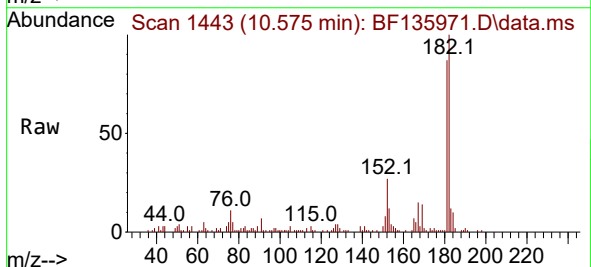
Tgt Ion:198 Resp: 58

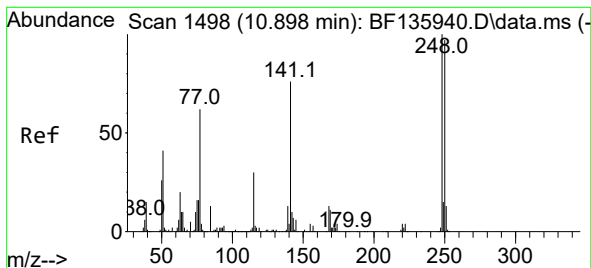
Ion Ratio Lower Upper

198 100

51 557.9 28.7 68.7#

105 417.7 27.2 67.2#

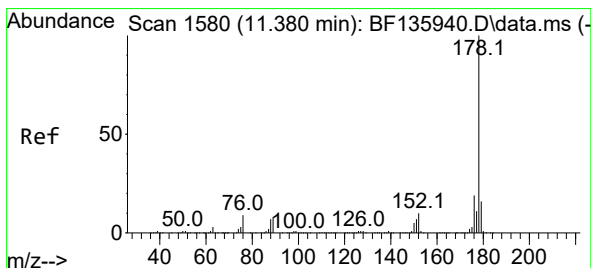
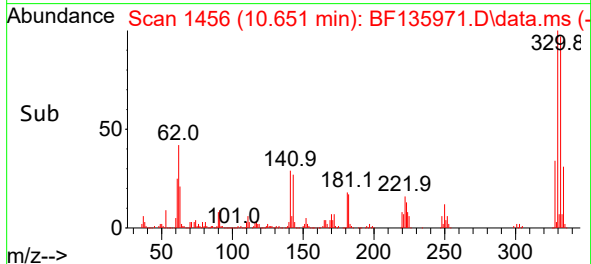
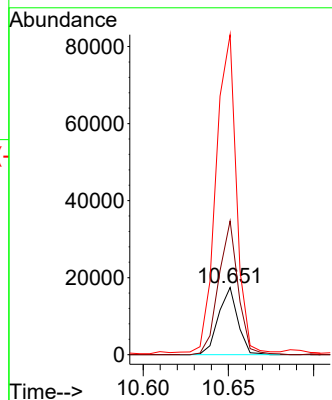
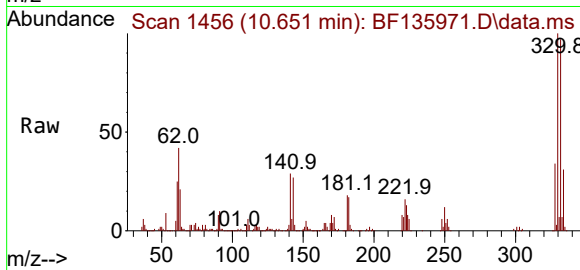




#67
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 10.651 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

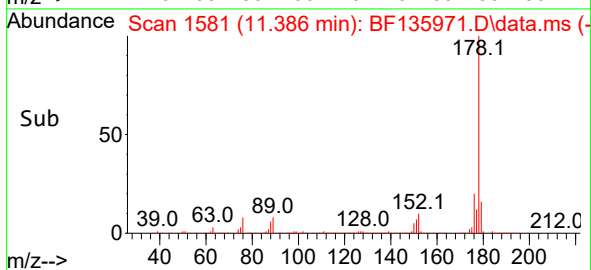
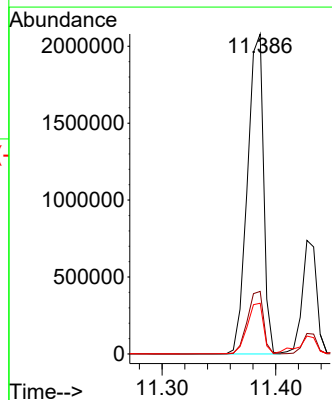
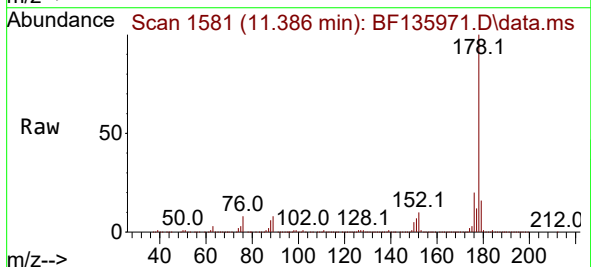
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

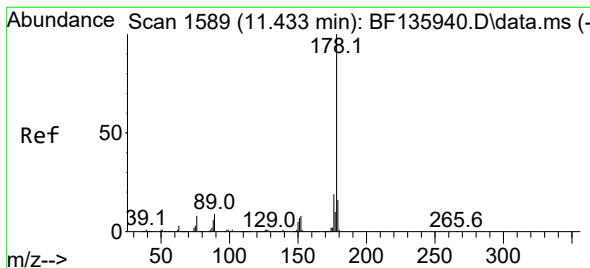
Tgt Ion:248 Resp: 13797
Ion Ratio Lower Upper
248 100
250 198.9 77.9 116.9#
141 475.8 60.8 91.2#



#71
Phenanthrene
Concen: 93.871 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:178 Resp: 2040100
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.5 18.7





#72

Anthracene

Concen: 28.880 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

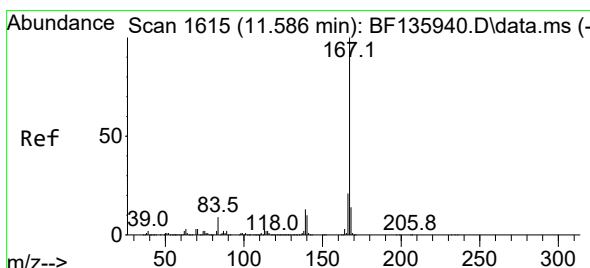
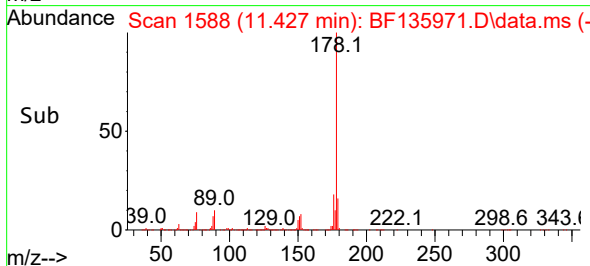
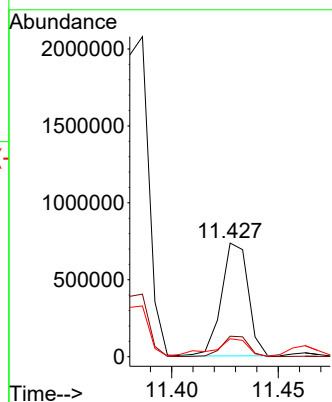
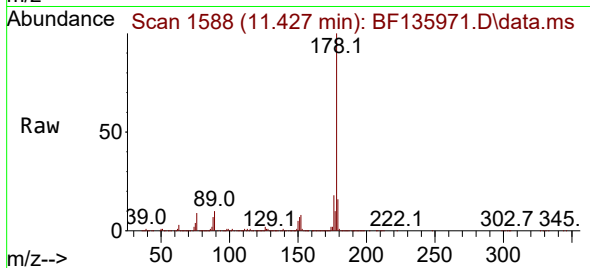
Tgt Ion:178 Resp: 642658

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

179 15.8 12.5 18.7



#73

Carbazole

Concen: 9.459 ng

RT: 11.580 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

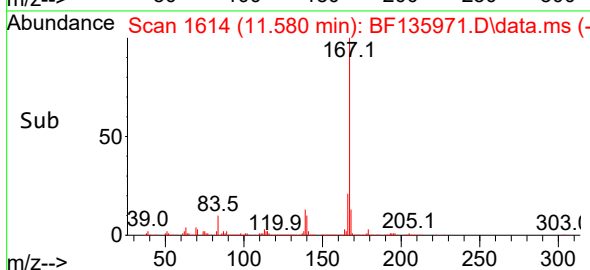
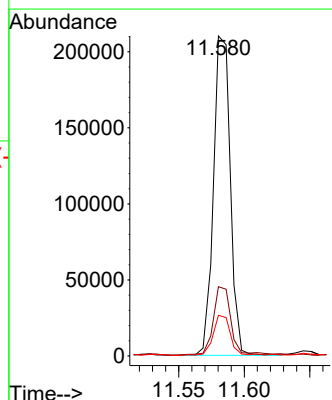
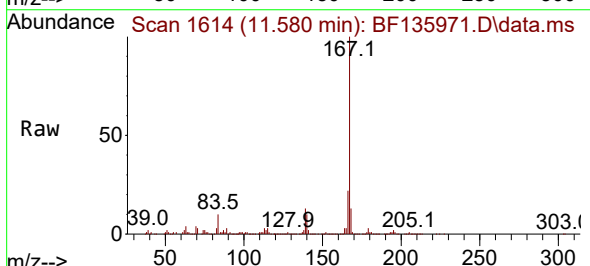
Tgt Ion:167 Resp: 187765

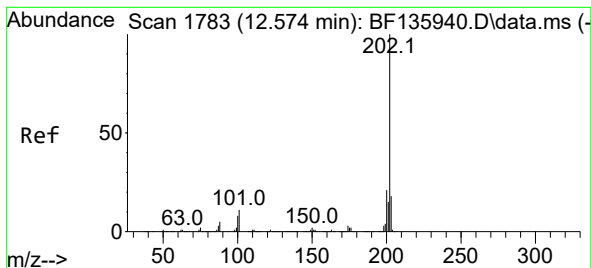
Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.7 10.4 15.6





#75

Fluoranthene

Concen: 91.340 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

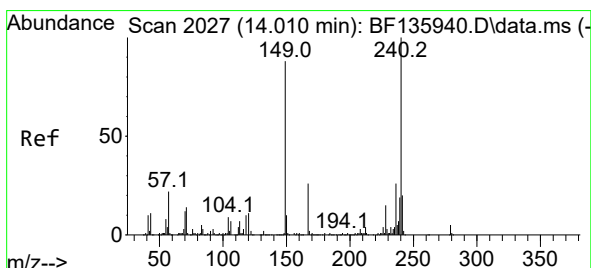
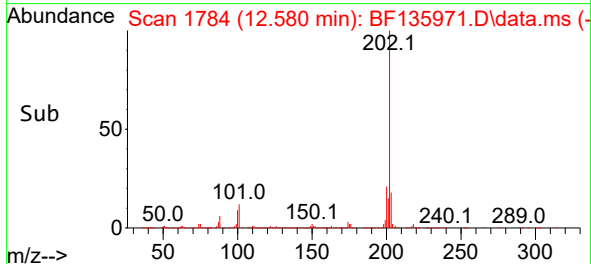
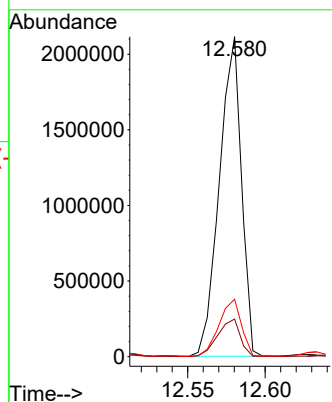
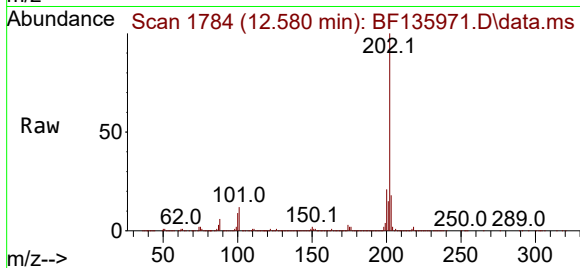
Tgt Ion:202 Resp: 2088412

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.6

203 17.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

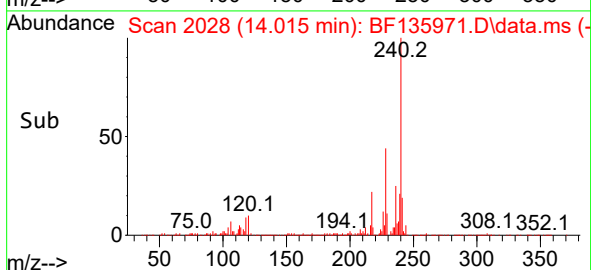
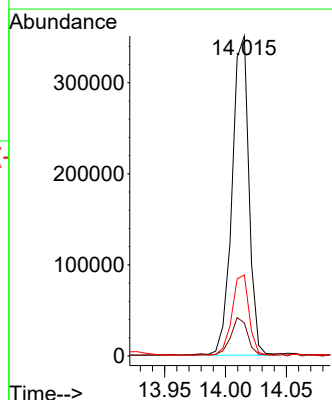
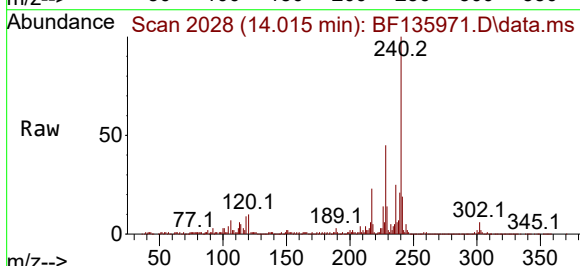
Tgt Ion:240 Resp: 337057

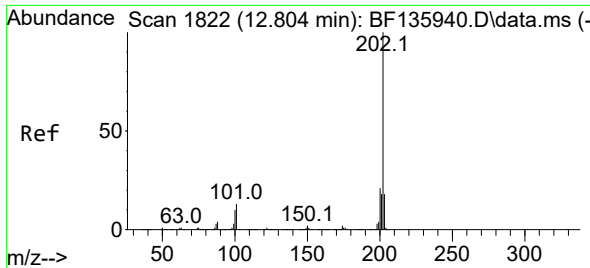
Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 25.3 20.6 30.8



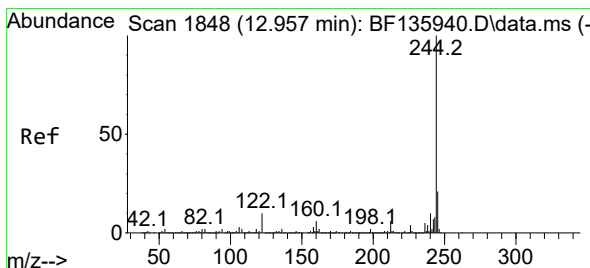
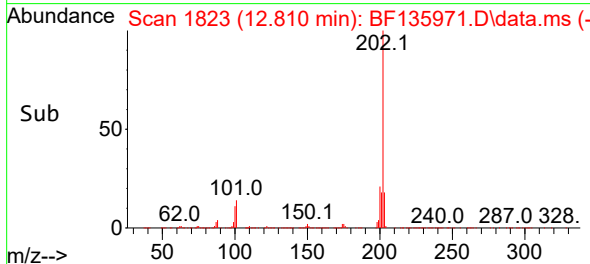
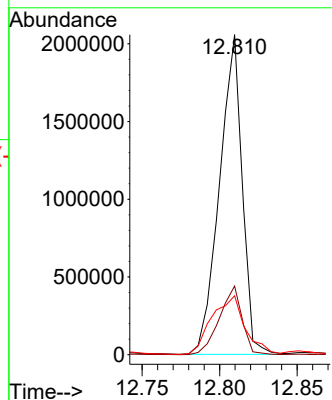
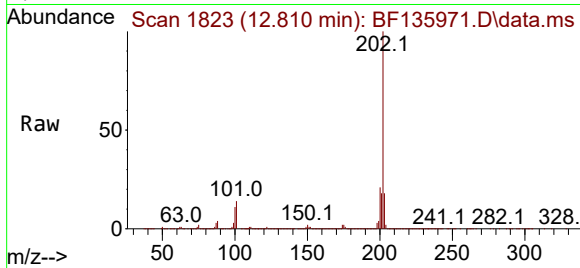


#78
 Pyrene
 Concen: 73.979 ng
 RT: 12.810 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

Instrument :
 BNA_F
 ClientSampleId :
 S-2(10-15)

Tgt Ion:202 Resp: 2093655

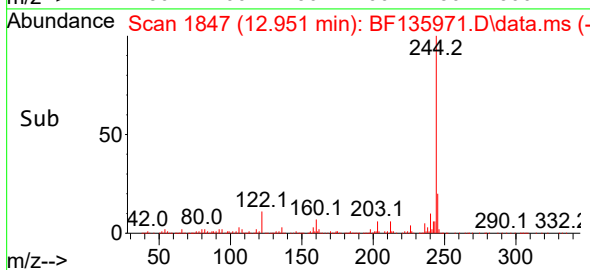
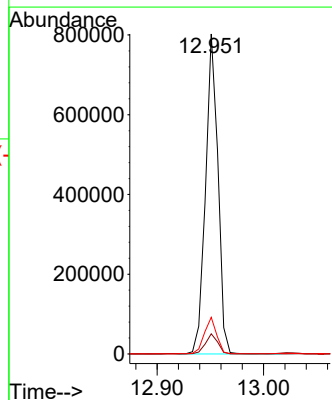
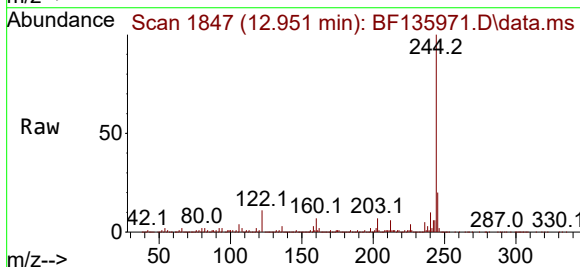
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	18.4	14.5	21.7

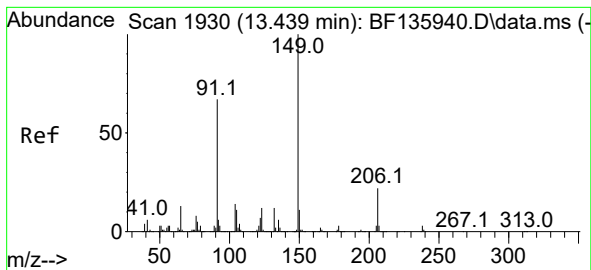


#79
 Terphenyl-d14
 Concen: 32.213 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

Tgt Ion:244 Resp: 649846

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	11.5	8.0	12.0





#80

Butylbenzylphthalate

Concen: 3.988 ng

RT: 13.433 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

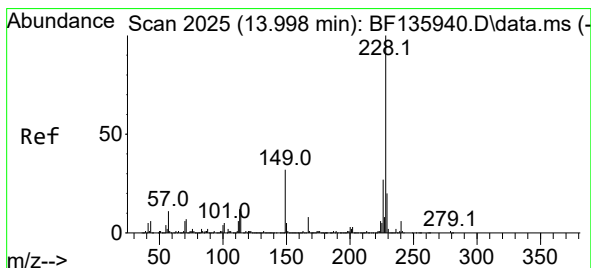
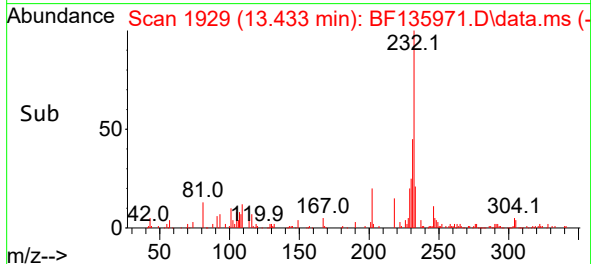
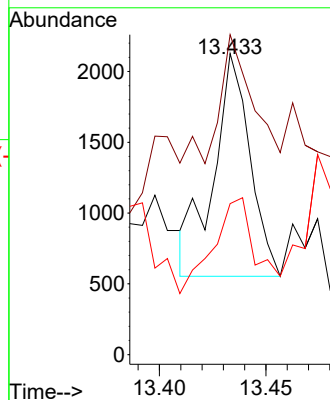
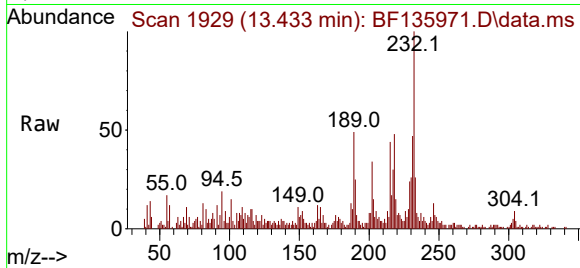
Tgt Ion:149 Resp: 1877

Ion Ratio Lower Upper

149 100

91 106.3 53.4 80.0#

206 50.2 17.5 26.3#



#81

Benzo(a)anthracene

Concen: 51.670 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

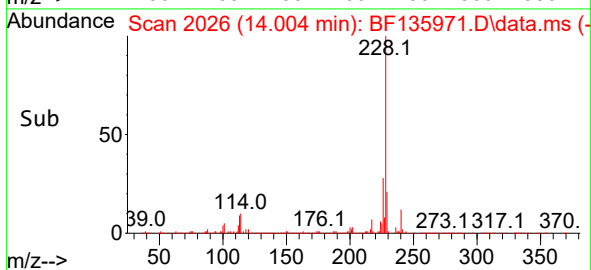
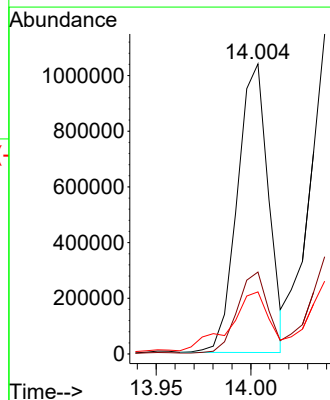
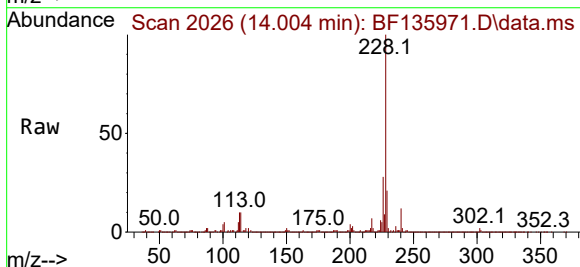
Tgt Ion:228 Resp: 1184170

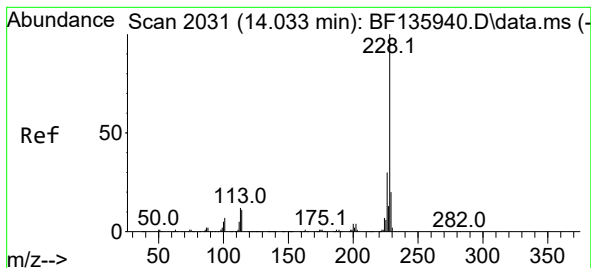
Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

229 21.4 16.2 24.4





#83

Chrysene

Concen: 49.006 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

Instrument :

BNA_F

ClientSampleId :

S-2(10-15)

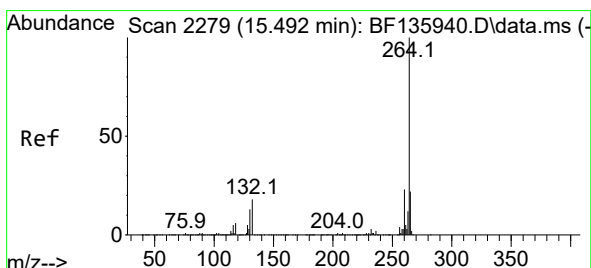
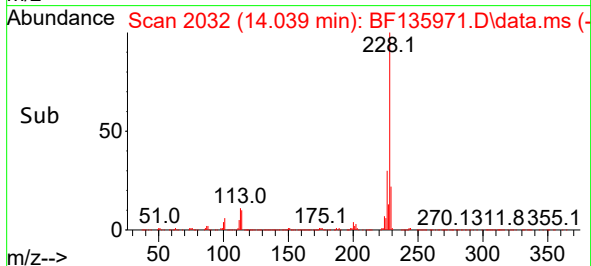
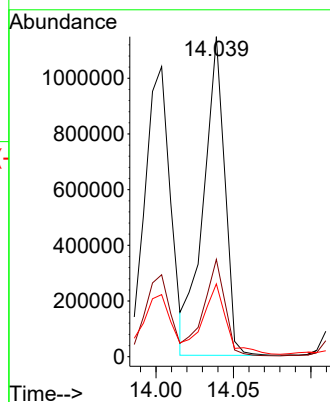
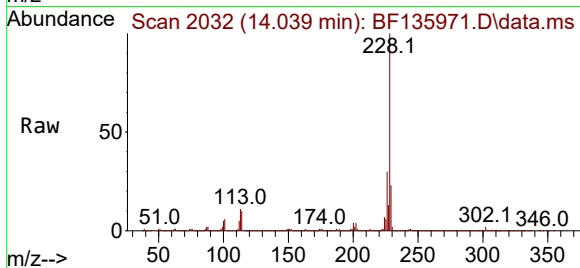
Tgt Ion:228 Resp: 1093867

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 22.7 16.2 24.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF135971.D

Acq: 26 Oct 2023 19:20

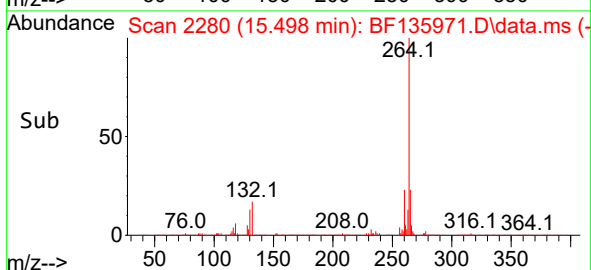
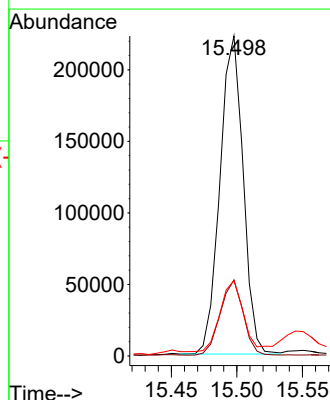
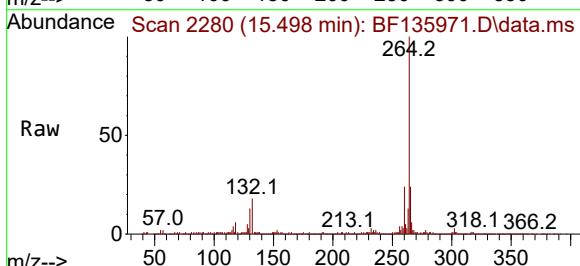
Tgt Ion:264 Resp: 273343

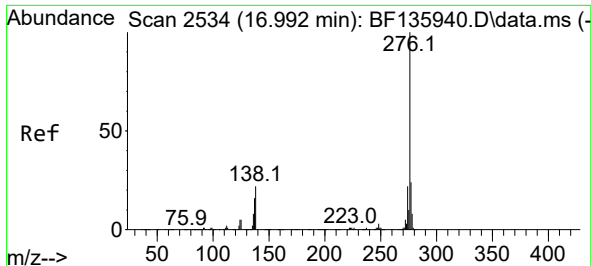
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 23.6 17.3 25.9

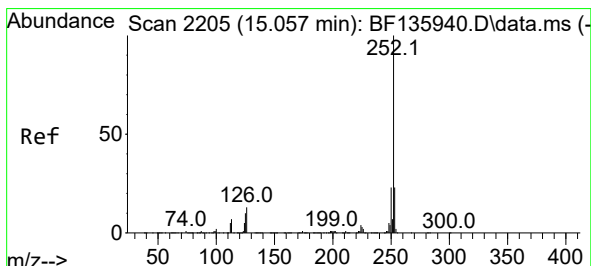
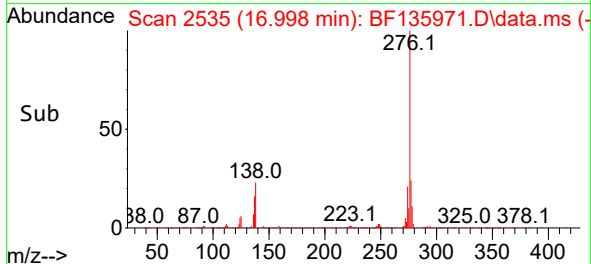
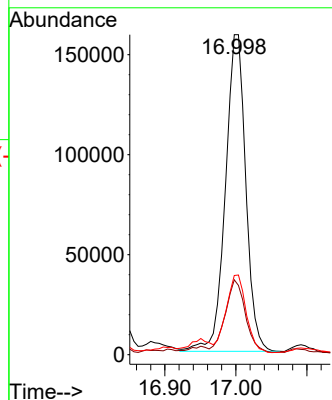
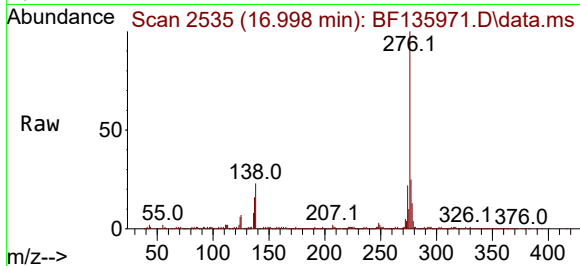




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 20.371 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

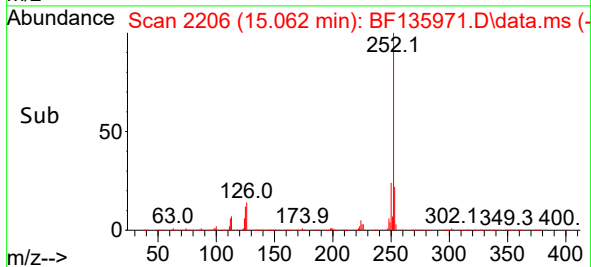
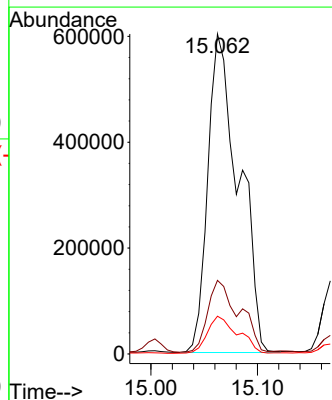
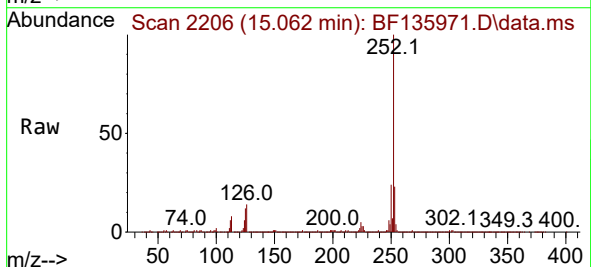
Instrument :
 BNA_F
 ClientSampleId :
 S-2(10-15)

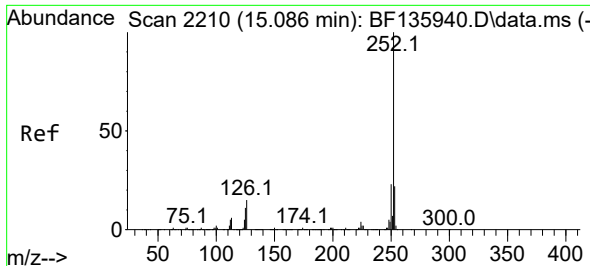
Tgt Ion:276 Resp: 315747
 Ion Ratio Lower Upper
 276 100
 138 22.4 21.8 32.6
 277 24.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 75.026 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.006 min
 Lab File: BF135971.D
 Acq: 26 Oct 2023 19:20

Tgt Ion:252 Resp: 1220476
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 11.8 8.2 12.4

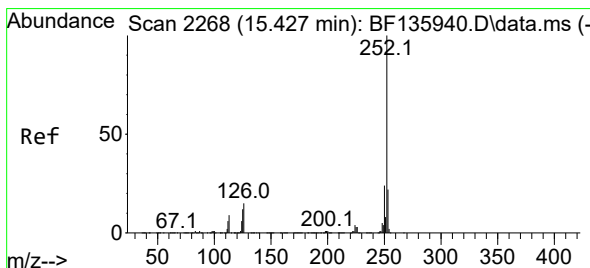
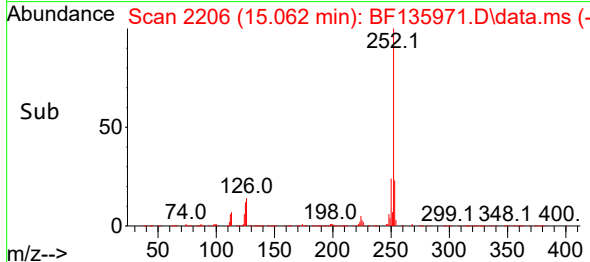
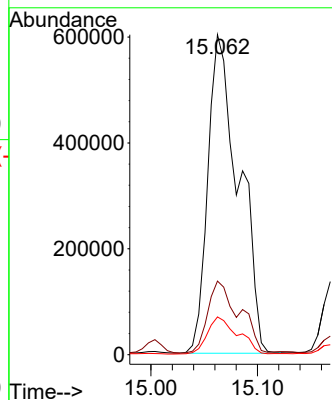
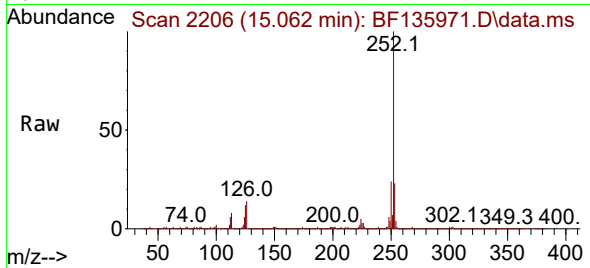




#89
Benzo(k)fluoranthene
Concen: 76.392 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

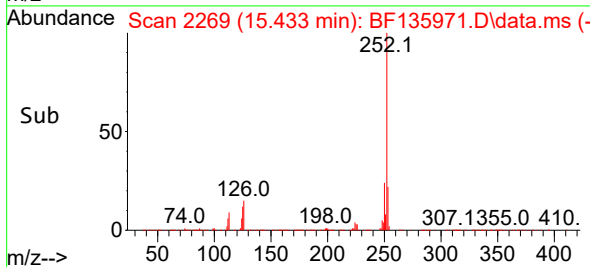
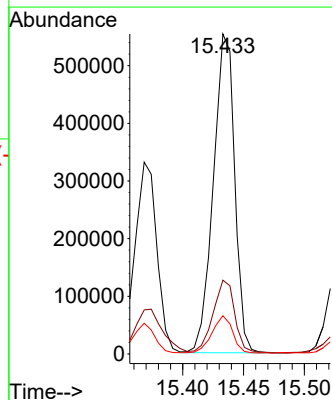
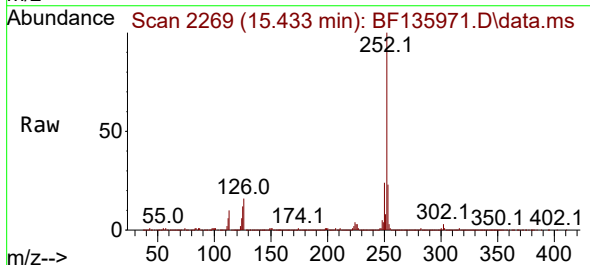
Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

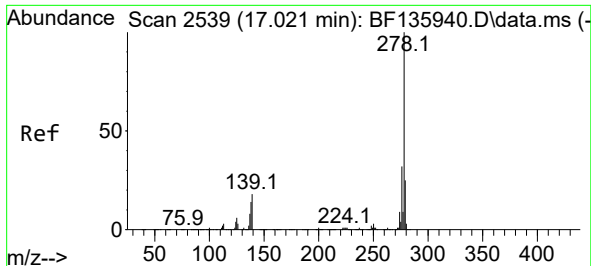
Tgt Ion:252 Resp: 1220476
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.8 8.5 12.7



#90
Benzo(a)pyrene
Concen: 45.066 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:252 Resp: 675658
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.0 9.6 14.4

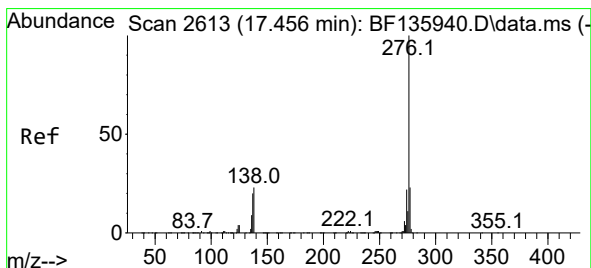
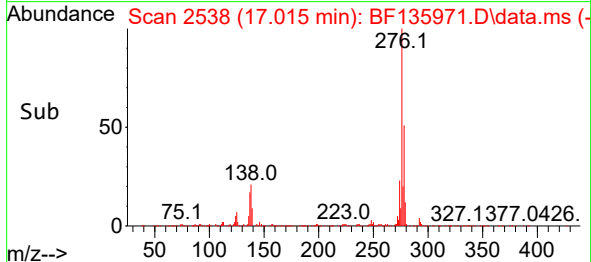
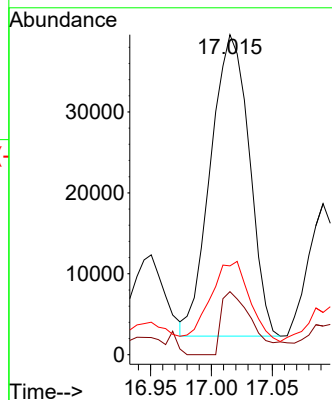
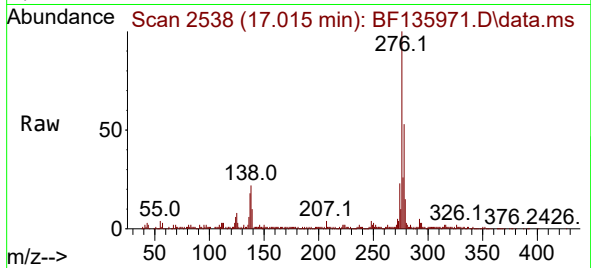




#91
Dibenzo(a,h)anthracene
Concen: 6.215 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Instrument :
BNA_F
ClientSampleId :
S-2(10-15)

Tgt Ion:278 Resp: 82402
Ion Ratio Lower Upper
278 100
139 19.7 14.0 21.0
279 27.7 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 21.209 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135971.D
Acq: 26 Oct 2023 19:20

Tgt Ion:276 Resp: 285396
Ion Ratio Lower Upper
276 100
277 24.9 18.6 28.0
138 22.3 18.4 27.6

