

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131938.D
 Acq On : 06 Jan 2023 13:15
 Operator : CG\JU
 Sample : N6243-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:20:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

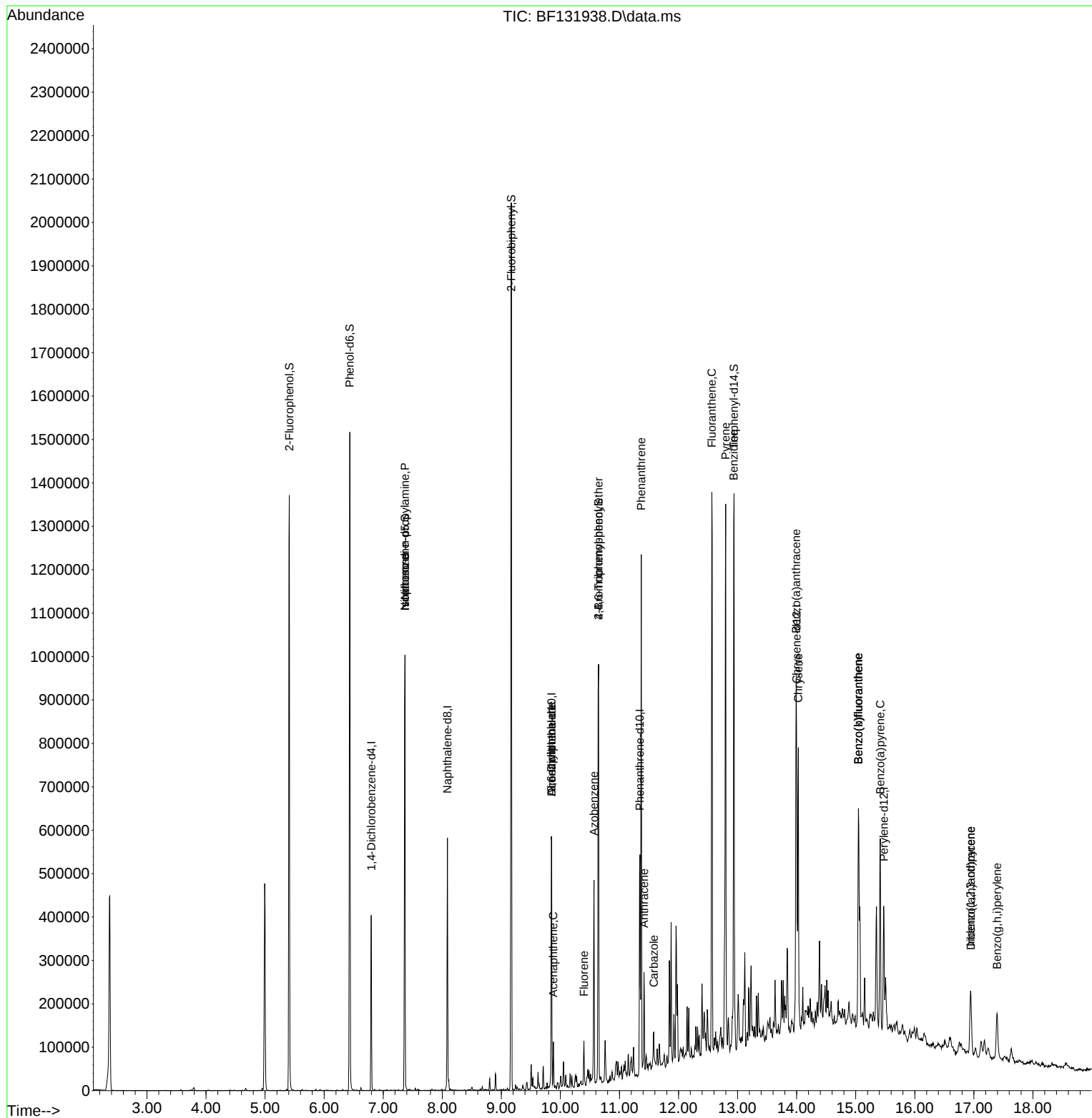
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	57201	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	208296	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	119002	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	192235	20.000	ng	0.00
76) Chrysene-d12	13.998	240	126012	20.000	ng	0.00
86) Perylene-d12	15.474	264	128622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	338376	98.034	ng	0.01
7) Phenol-d6	6.434	99	446957	98.562	ng	0.00
23) Nitrobenzene-d5	7.369	82	330024	63.258	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	101313	78.357	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	553326	63.689	ng	0.00
79) Terphenyl-d14	12.939	244	440477	59.127	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	45474	14.199	ng	# 79
25) Isophorone	7.369	82	330020	38.735	ng	# 69
50) Dimethylphthalate	9.851	163	24095	2.676	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	15770	8.092	ng	# 18
52) Acenaphthene	9.881	154	18315	2.704	ng	98
58) Fluorene	10.398	166	24216	2.842	ng	# 97
63) Azobenzene	10.569	77	77279	8.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	7088	3.181	ng	# 1
71) Phenanthrene	11.369	178	363576	34.393	ng	100
72) Anthracene	11.416	178	78359	7.577	ng	99
73) Carbazole	11.580	167	24832	2.720	ng	95
75) Fluoranthene	12.563	202	515322	41.851	ng	99
77) Benzidine	12.933	184	7834	3.783	ng	96
78) Pyrene	12.798	202	517789	49.024	ng	99
81) Benzo(a)anthracene	13.992	228	273395	29.966	ng	100
83) Chrysene	14.027	228	245997	28.693	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	95471	11.683	ng	97
88) Benzo(b)fluoranthene	15.045	252	378631	40.147	ng	98
89) Benzo(k)fluoranthene	15.045	252	378631	41.551	ng	# 98
90) Benzo(a)pyrene	15.416	252	215638	29.533	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	26668	3.984	ng	# 90
92) Benzo(g,h,i)perylene	17.392	276	89604	15.328	ng	97

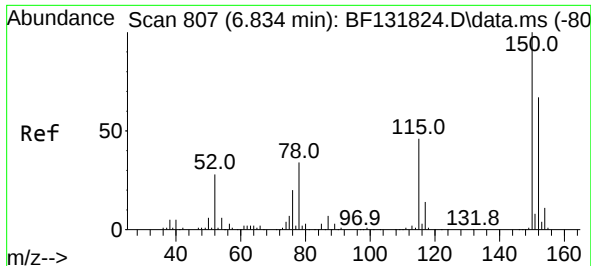
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131938.D
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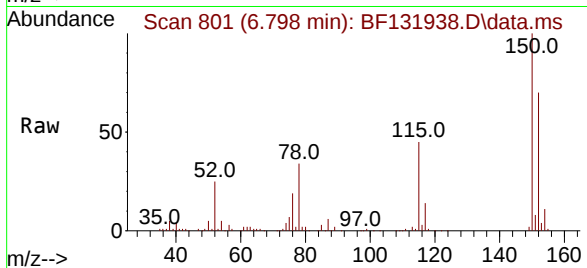
Quant Time: Jan 07 00:20:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration



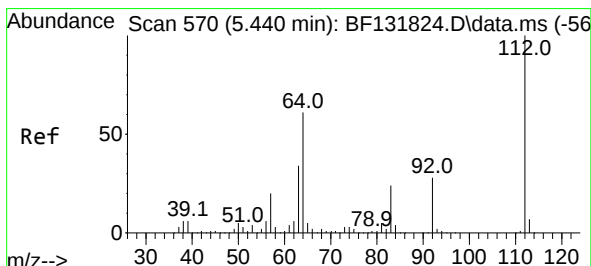
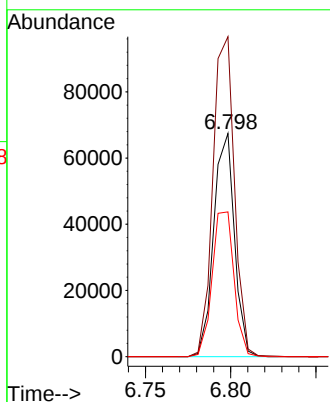
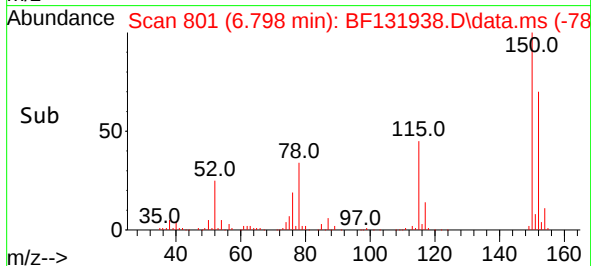


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF131938.D
 Acq: 06 Jan 2023 13:15

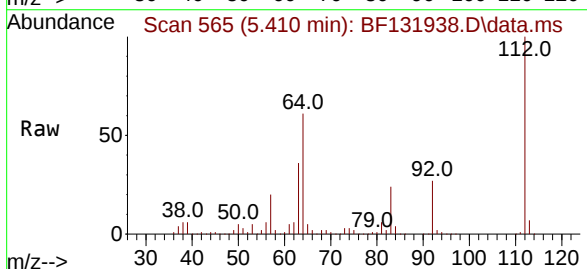
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 BNA_F
 ClientSampleId :



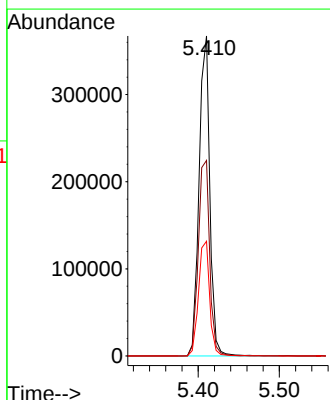
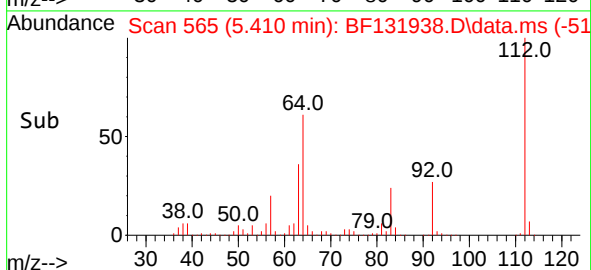
Tgt Ion:152 Resp: 57201
 Ion Ratio Lower Upper
 152 100
 150 143.3 120.0 180.0
 115 64.8 55.1 82.7

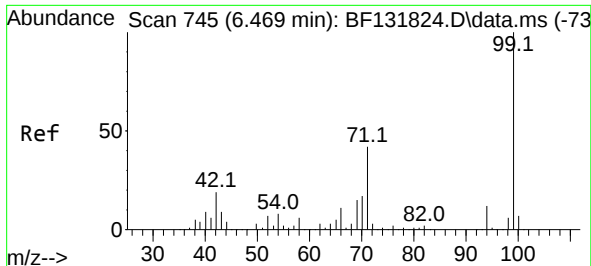


#5
 2-Fluorophenol
 Concen: 98.034 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF131938.D
 Acq: 06 Jan 2023 13:15



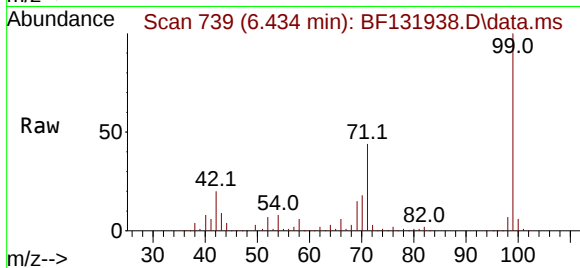
Tgt Ion:112 Resp: 338376
 Ion Ratio Lower Upper
 112 100
 64 61.1 49.2 73.8
 63 35.8 27.5 41.3



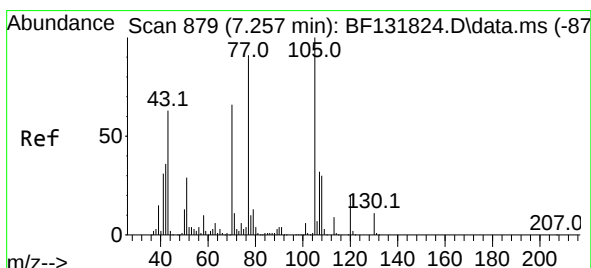
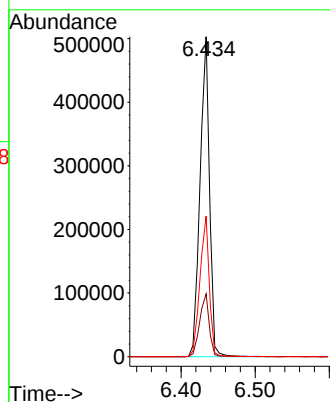
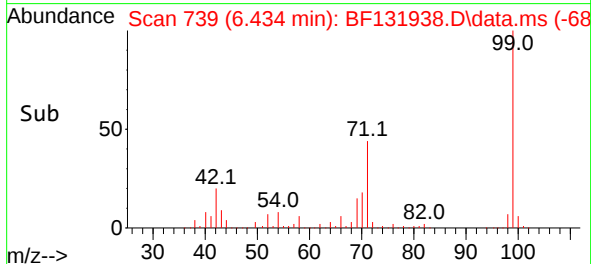


#7
Phenol-d6
Concen: 98.562 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

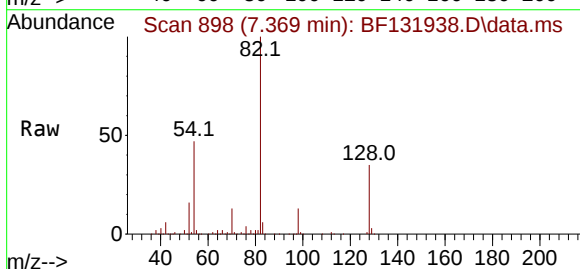
Instrument :
BNA_F
ClientSampleId :



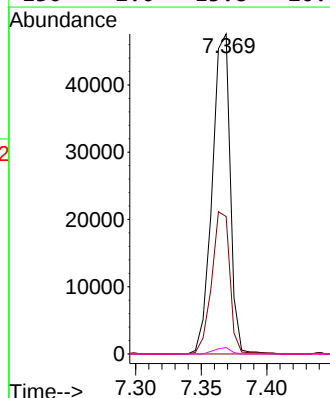
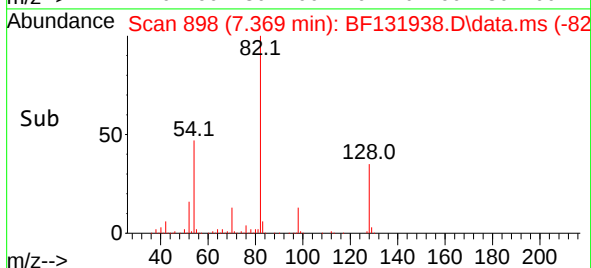
Tgt Ion: 99 Resp: 446957
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 43.9 33.5 50.3

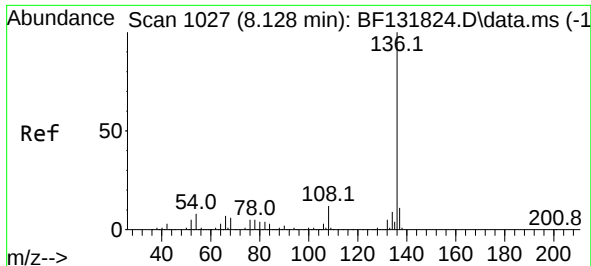


#19
n-Nitroso-di-n-propylamine
Concen: 14.199 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15



Tgt Ion: 70 Resp: 45474
Ion Ratio Lower Upper
70 100
42 43.0 43.8 65.6#
101 0.0 7.4 11.0#
130 2.0 13.8 20.6#

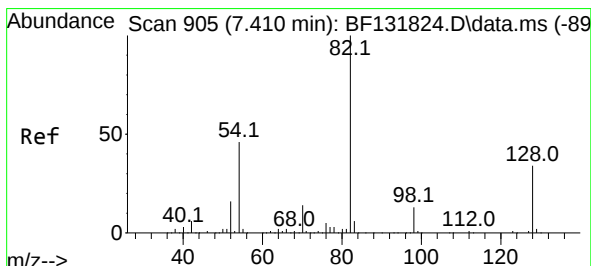
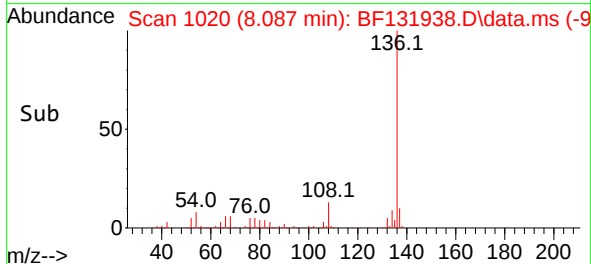
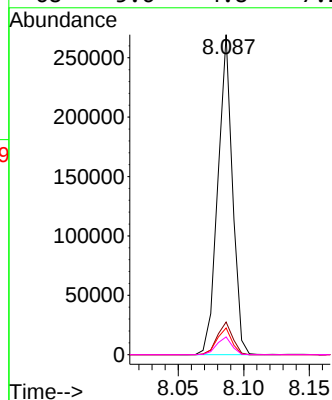
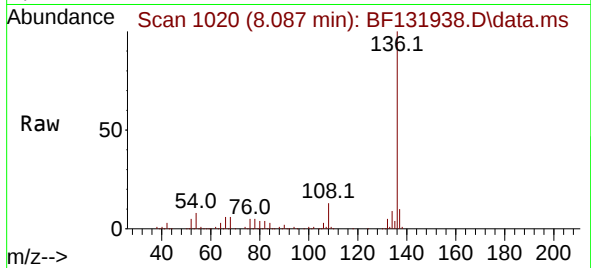




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

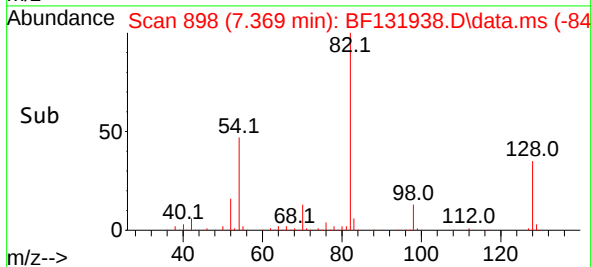
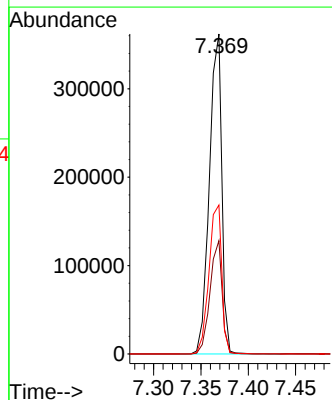
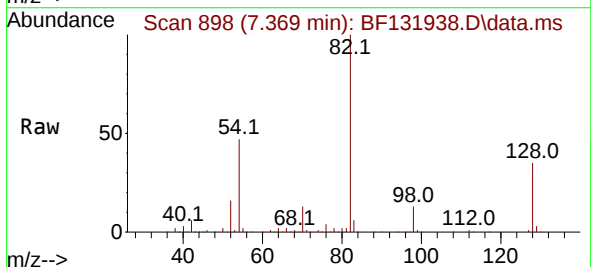
Instrument :
BNA_F
ClientSampleId :

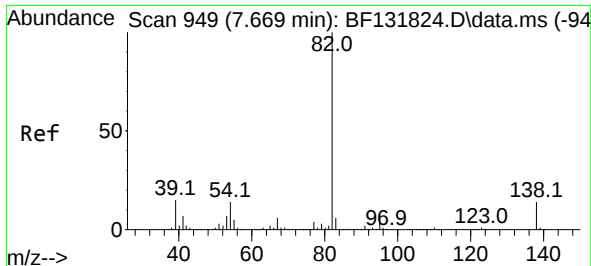
Tgt Ion:136 Resp: 208296
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 8.3 6.7 10.1
68 5.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 63.258 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Tgt Ion: 82 Resp: 330024
Ion Ratio Lower Upper
82 100
128 35.4 27.1 40.7
54 46.6 37.0 55.6

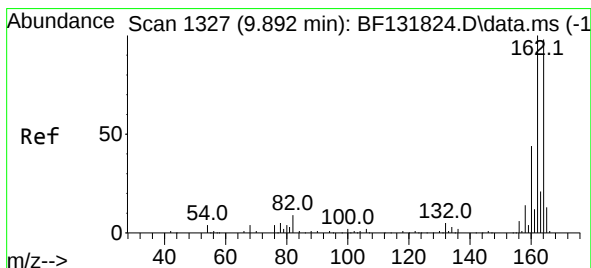
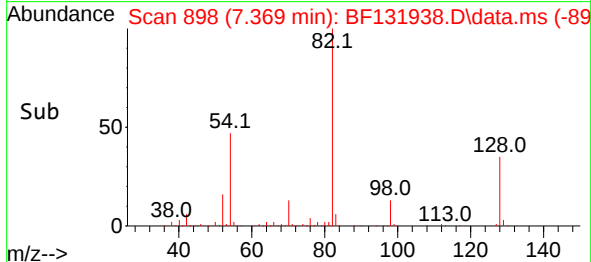
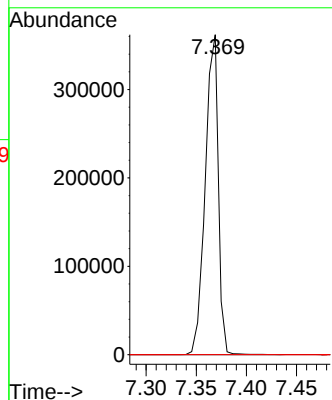
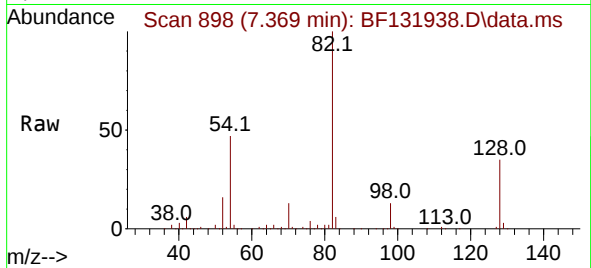




#25
Isophorone
Concen: 38.735 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

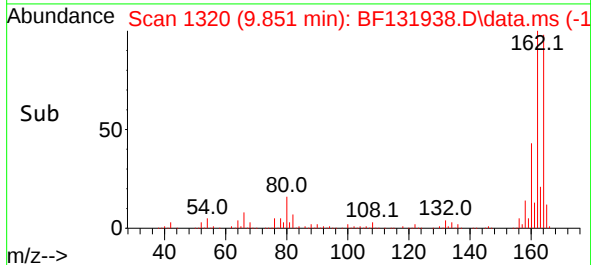
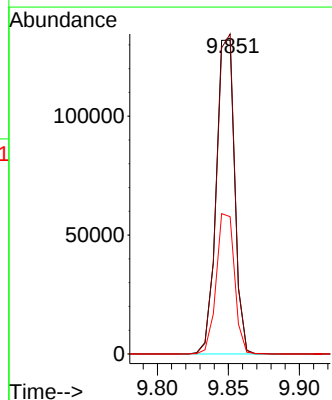
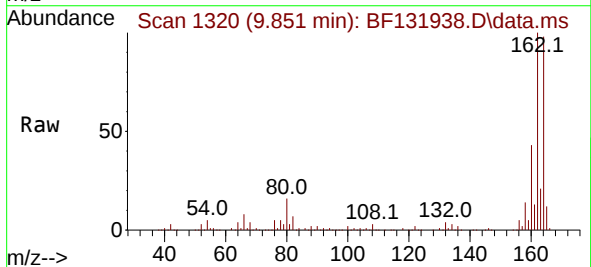
Instrument :
BNA_F
ClientSampleId :

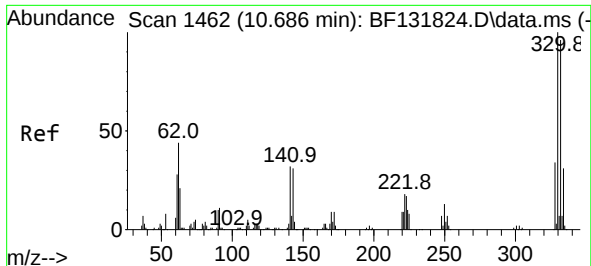
Tgt Ion: 82 Resp: 330020
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

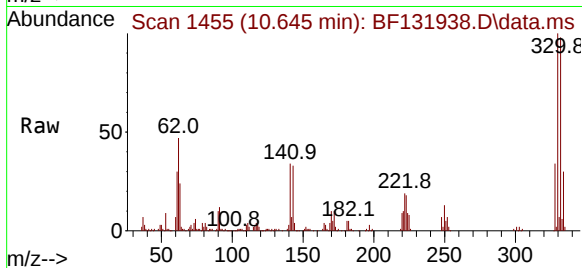
Tgt Ion:164 Resp: 119002
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 43.8 35.7 53.5



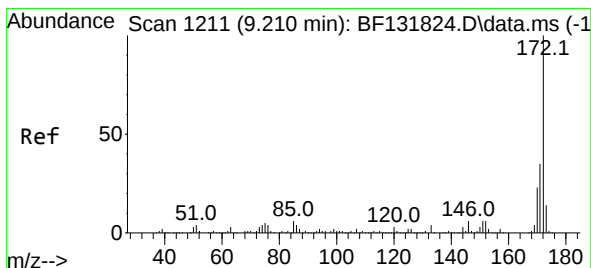
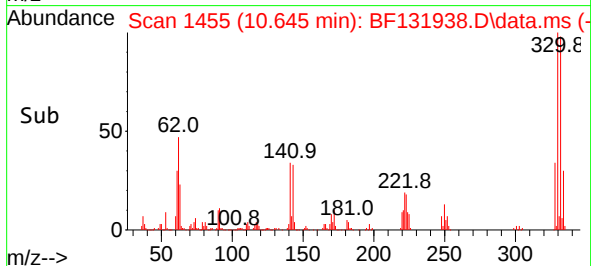
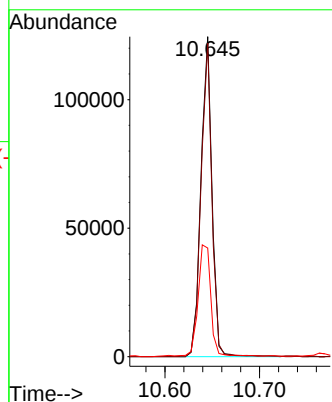


#42
2,4,6-Tribromophenol
Concen: 78.357 ng
RT: 10.645 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Instrument :
BNA_F
ClientSampleId :

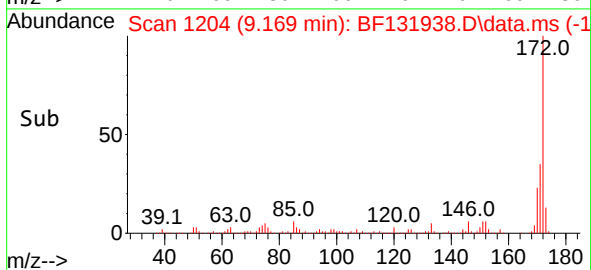
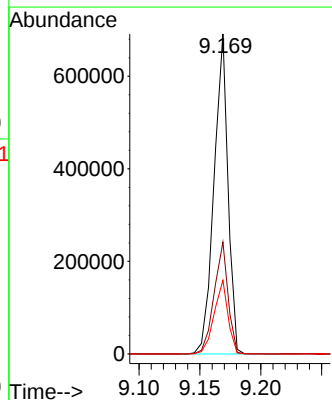
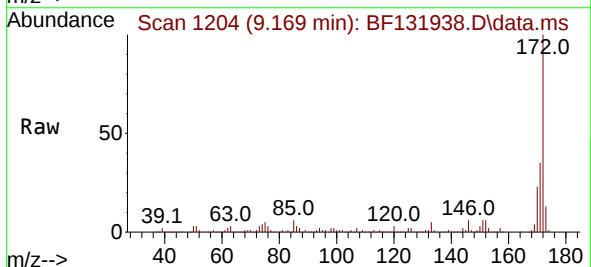


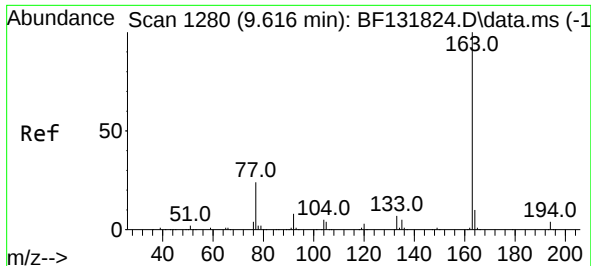
Tgt Ion:330 Resp: 101313
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 39.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 63.689 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

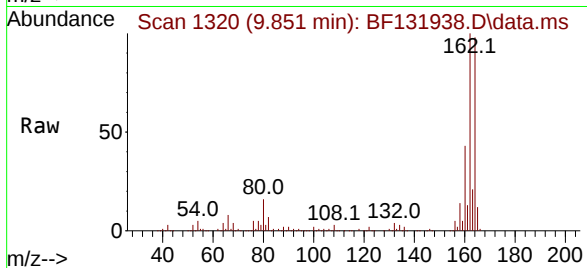
Tgt Ion:172 Resp: 553326
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.7 28.1



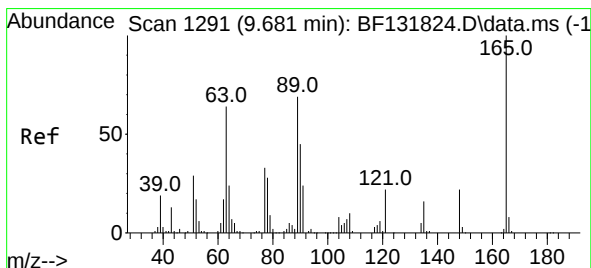
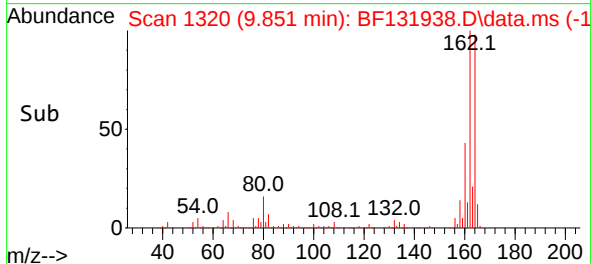
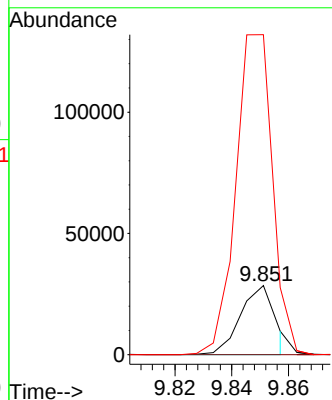


#50
Dimethylphthalate
Concen: 2.676 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.271 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Instrument :
BNA_F
ClientSampleId :

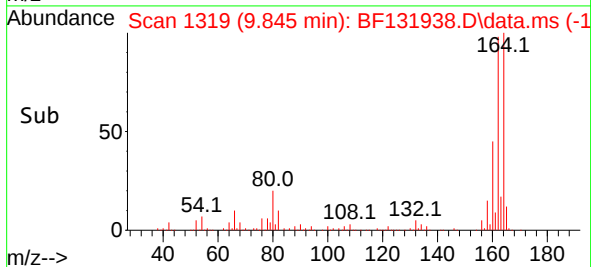
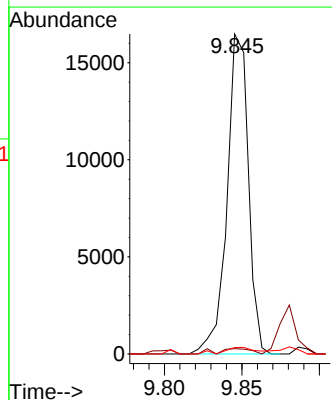
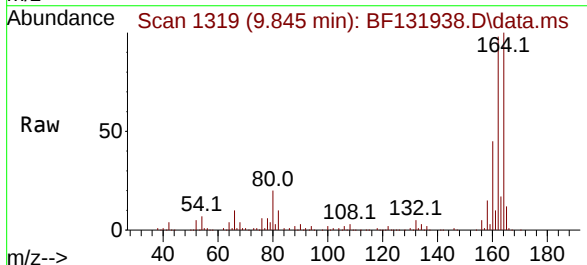


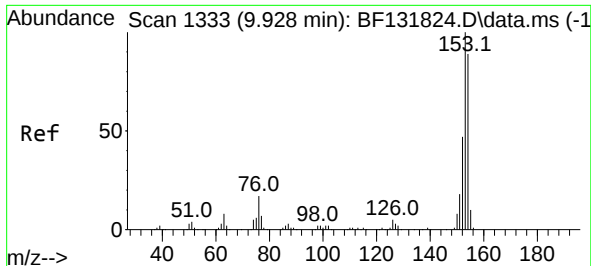
Tgt Ion:163 Resp: 24095
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 462.3 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.092 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.200 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

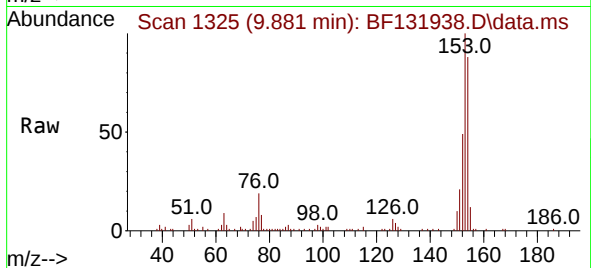
Tgt Ion:165 Resp: 15770
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 2.0 55.0 82.4#



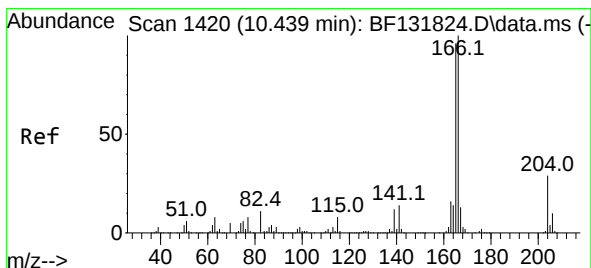
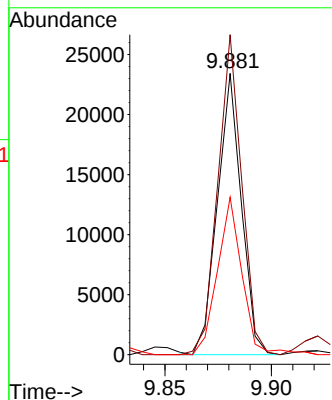
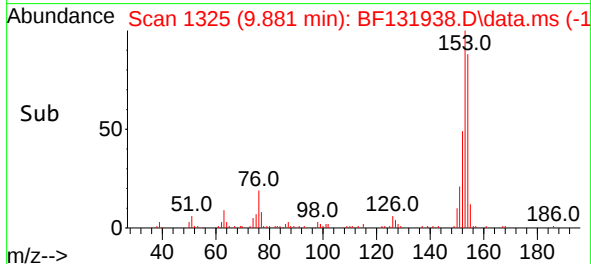


#52
Acenaphthene
Concen: 2.704 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

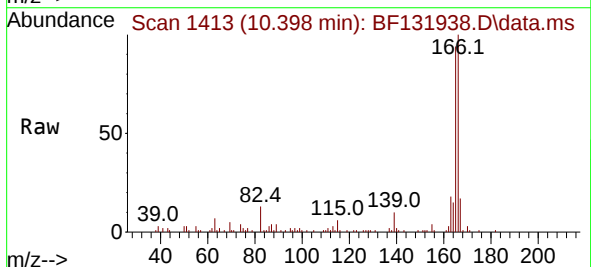
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BNA_F
ClientSampleId :



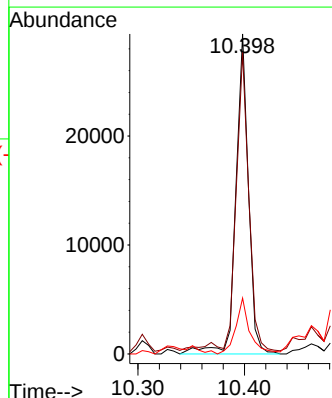
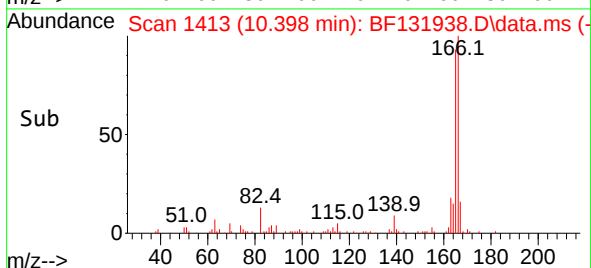
Tgt Ion:154 Resp: 18315
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.2
152 56.0 42.5 63.7

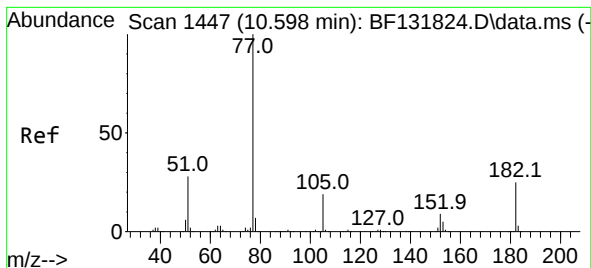


#58
Fluorene
Concen: 2.842 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15



Tgt Ion:166 Resp: 24216
Ion Ratio Lower Upper
166 100
165 94.1 77.0 115.4
167 17.4 10.4 15.6#





#63

Azobenzene

Concen: 8.036 ng

RT: 10.569 min Scan# 1447

Delta R.T. 0.012 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 77279

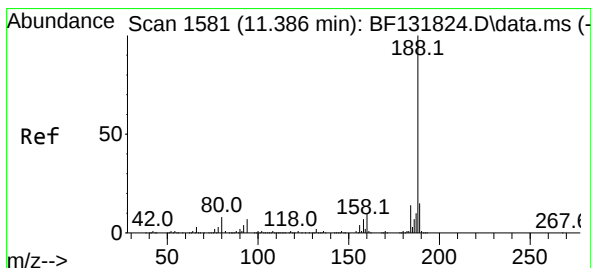
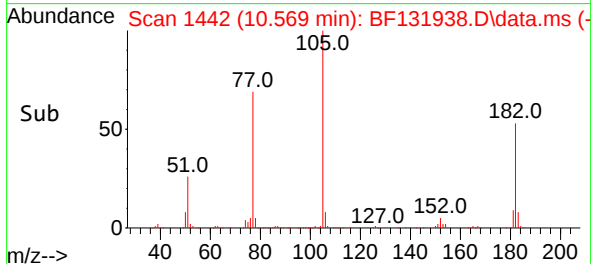
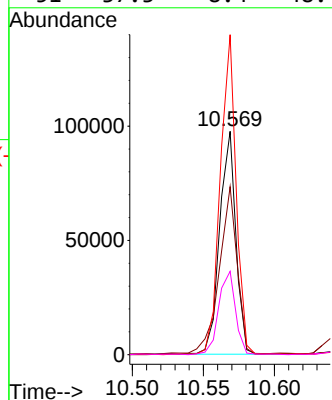
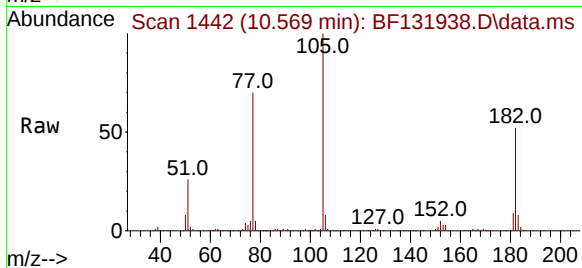
Ion Ratio Lower Upper

77 100

182 75.2 5.0 45.0#

105 143.2 0.0 39.4#

51 37.3 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

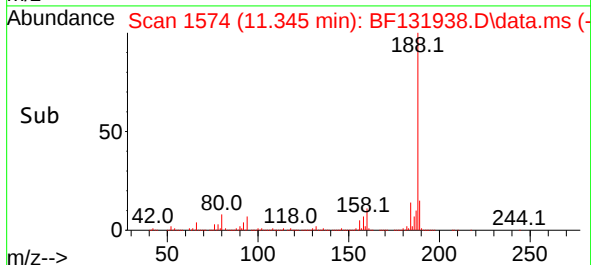
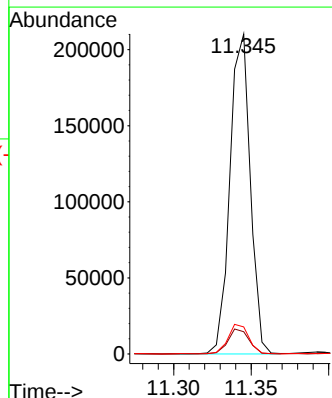
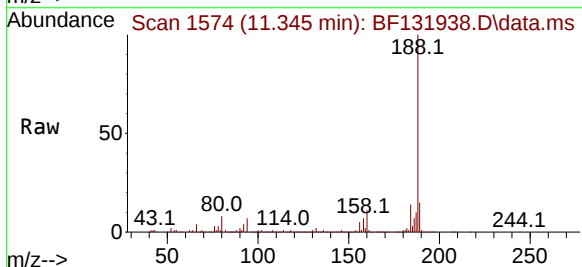
Tgt Ion: 188 Resp: 192235

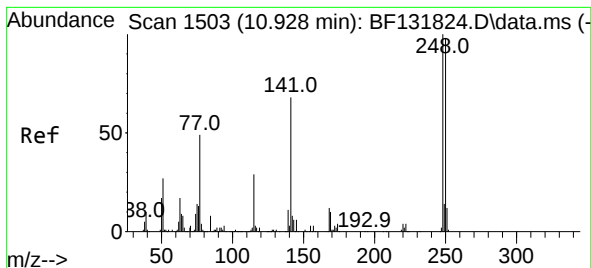
Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 8.5 6.7 10.1

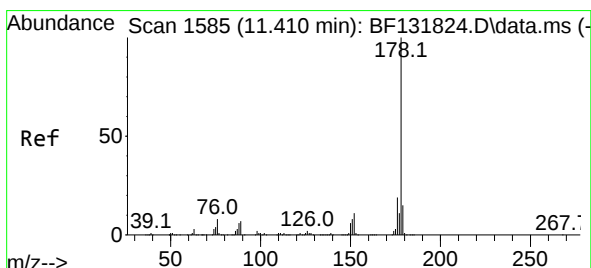
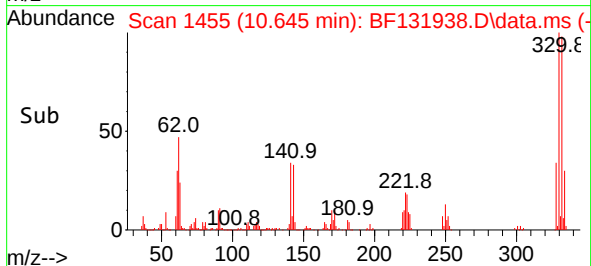
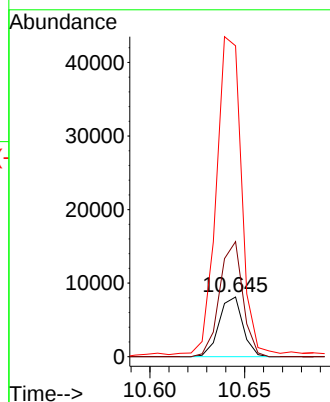
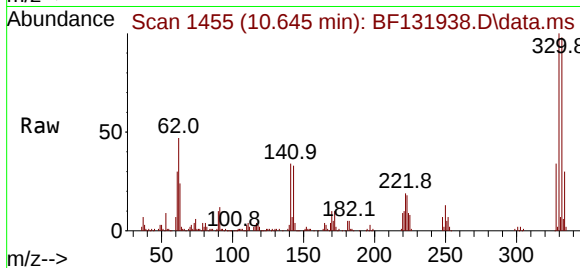




#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

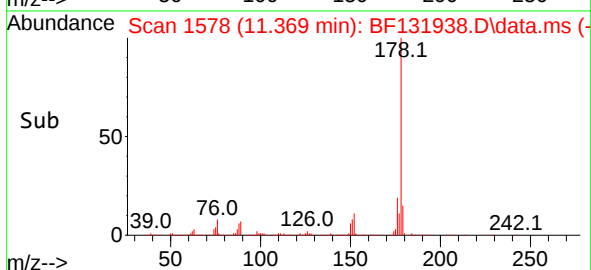
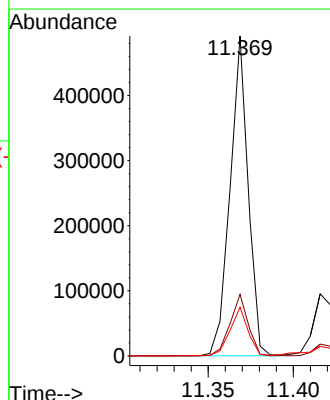
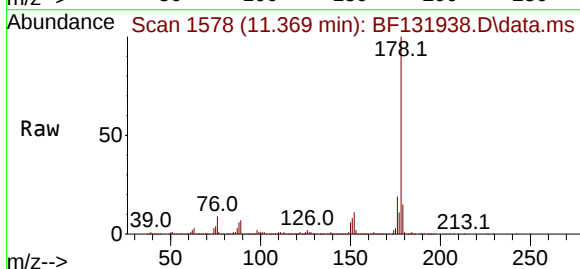
Instrument :
BNA_F
ClientSampleId :

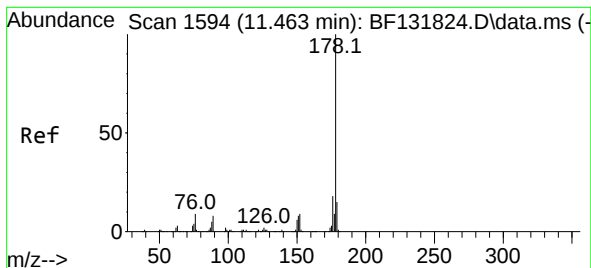
Tgt Ion:248 Resp: 7088
Ion Ratio Lower Upper
248 100
250 192.5 78.0 117.0#
141 520.5 54.8 82.2#



#71
Phenanthrene
Concen: 34.393 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Tgt Ion:178 Resp: 363576
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.3 12.2 18.4





#72

Anthracene

Concen: 7.577 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

Instrument :

BNA_F

ClientSampleId :

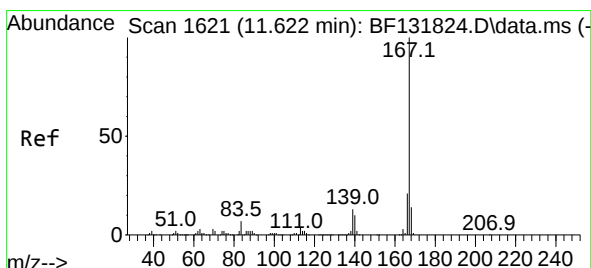
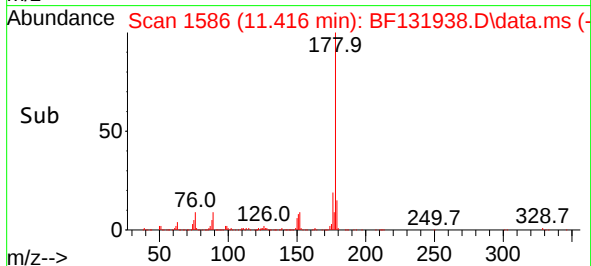
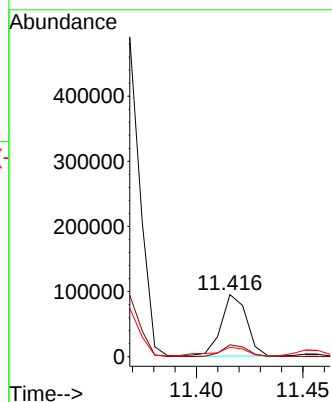
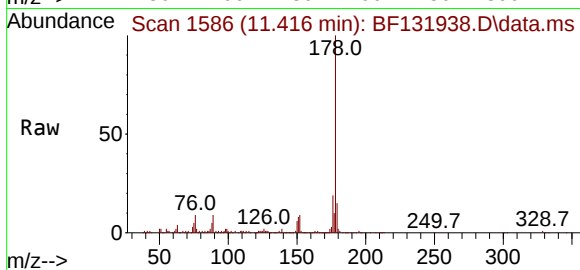
Tgt Ion:178 Resp: 78359

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.2 12.2 18.2



#73

Carbazole

Concen: 2.720 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

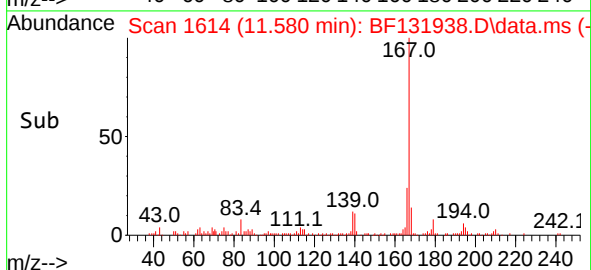
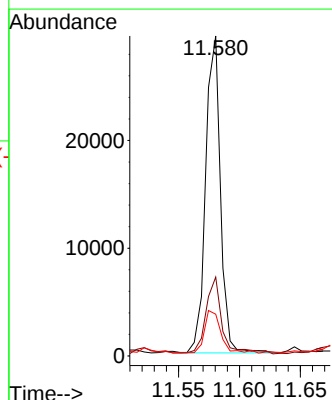
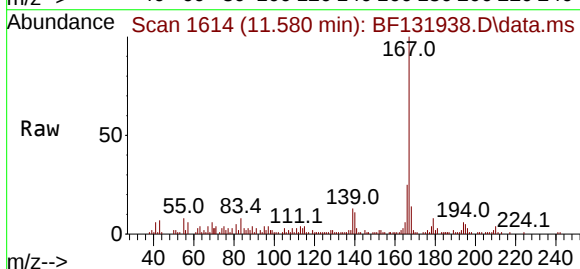
Tgt Ion:167 Resp: 24832

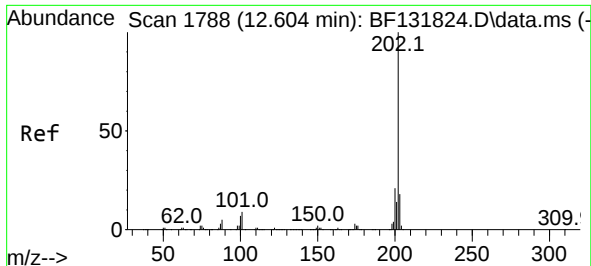
Ion Ratio Lower Upper

167 100

166 24.7 16.6 24.8

139 13.0 10.6 15.8

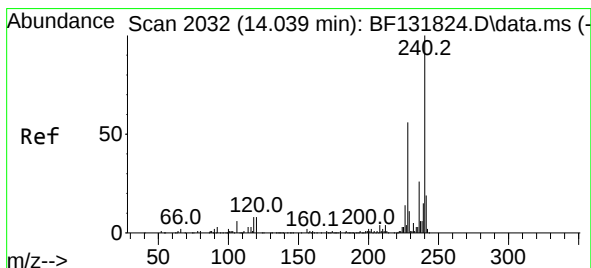
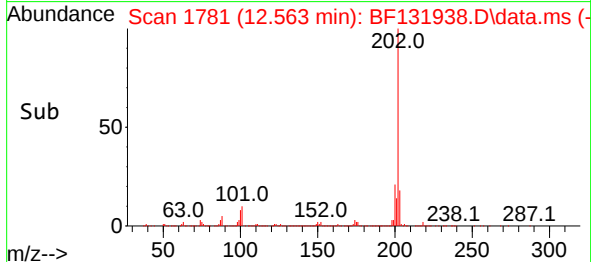
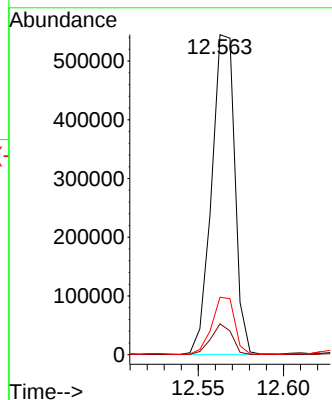
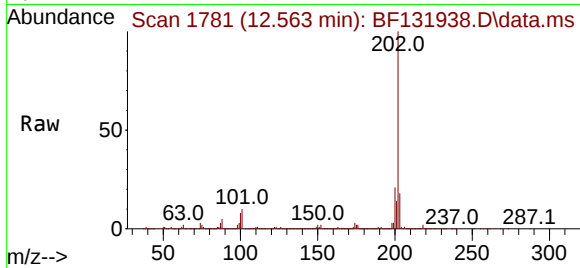




#75
Fluoranthene
Concen: 41.851 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

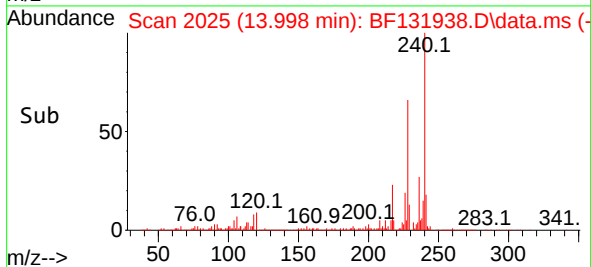
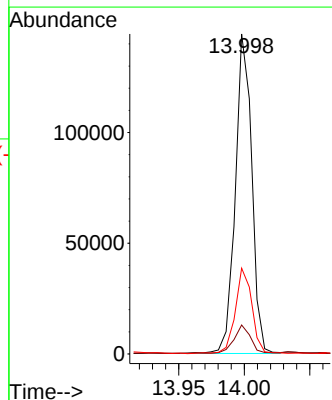
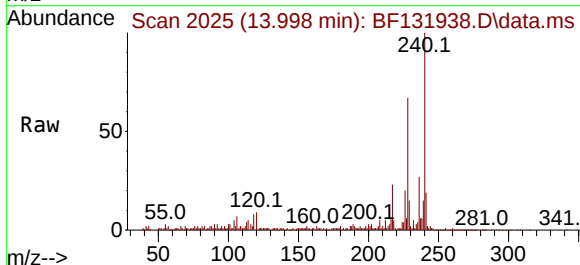
Instrument :
BNA_F
ClientSampleId :

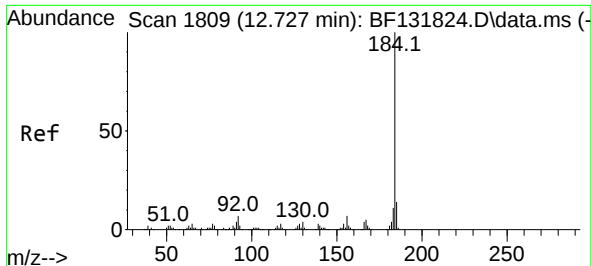
Tgt Ion:202 Resp: 515322
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.6
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

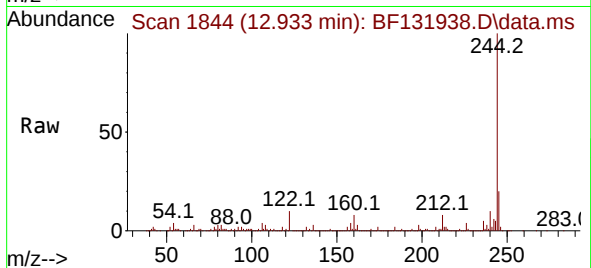
Tgt Ion:240 Resp: 126012
Ion Ratio Lower Upper
240 100
120 9.1 6.7 10.1
236 26.8 20.6 31.0



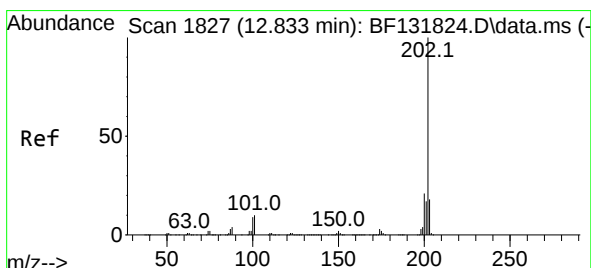
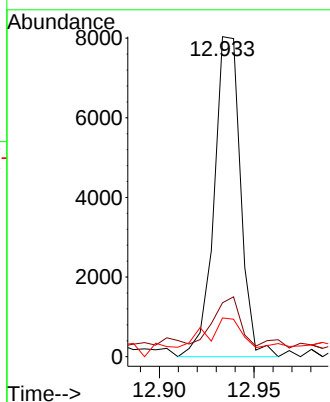
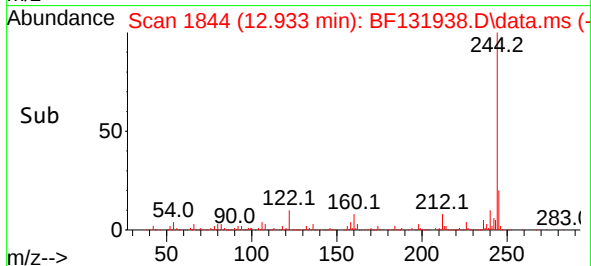


#77
Benzidine
Concen: 3.783 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.247 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

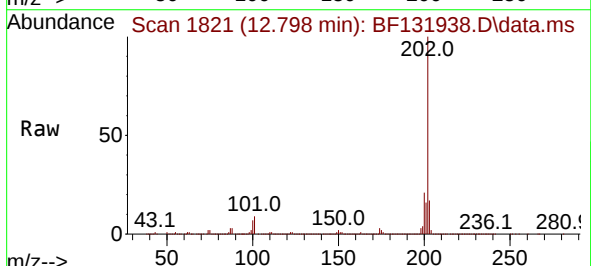
Instrument :
BNA_F
ClientSampleId :



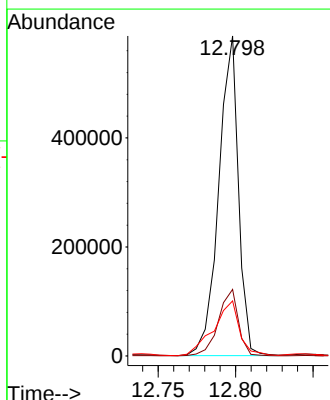
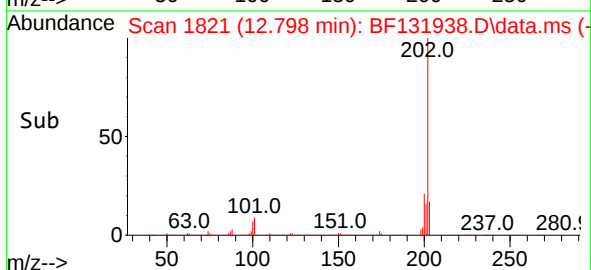
Tgt Ion:184 Resp: 7834
Ion Ratio Lower Upper
184 100
185 16.9 11.6 17.4
183 12.1 9.0 13.4

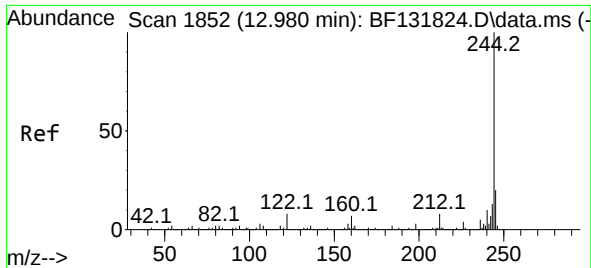


#78
Pyrene
Concen: 49.024 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15



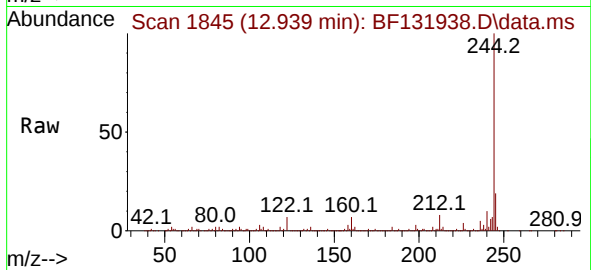
Tgt Ion:202 Resp: 517789
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.2 14.4 21.6



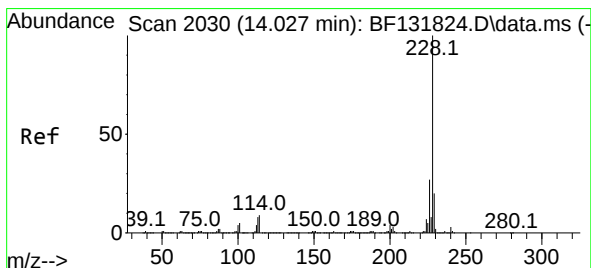
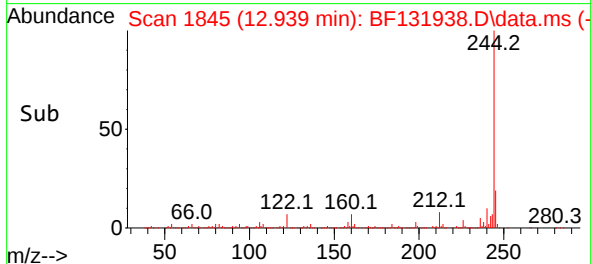
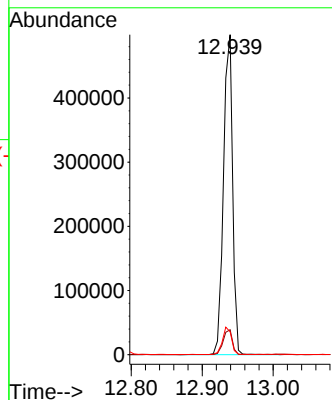


#79
 Terphenyl-d14
 Concen: 59.127 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF131938.D
 Acq: 06 Jan 2023 13:15

Instrument :
 BNA_F
 ClientSampleId :

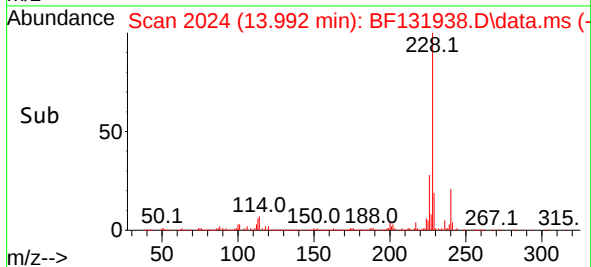
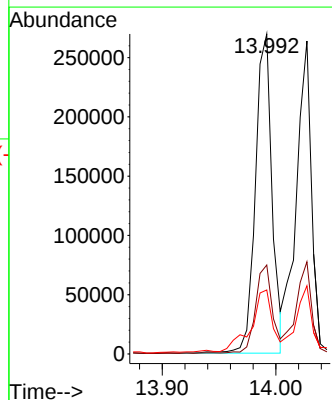
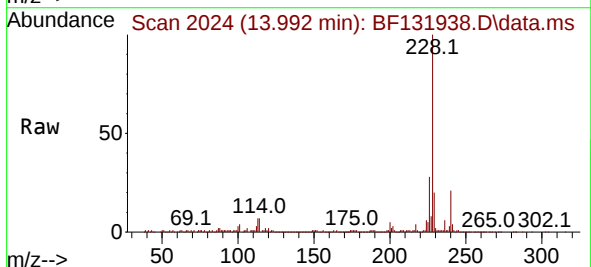


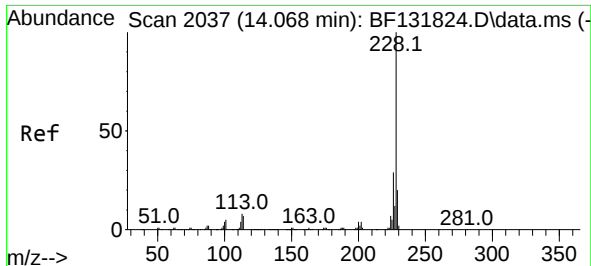
Tgt Ion:244 Resp: 440477
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.1 6.4 9.6



#81
 Benzo(a)anthracene
 Concen: 29.966 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. 0.006 min
 Lab File: BF131938.D
 Acq: 06 Jan 2023 13:15

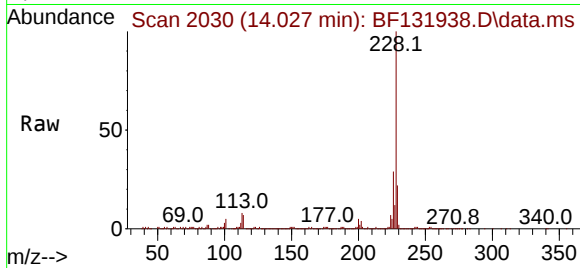
Tgt Ion:228 Resp: 273395
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.0 33.0
 229 20.0 16.0 24.0



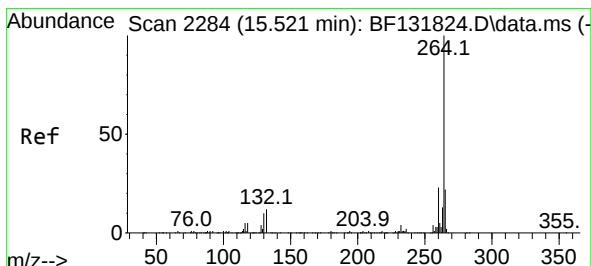
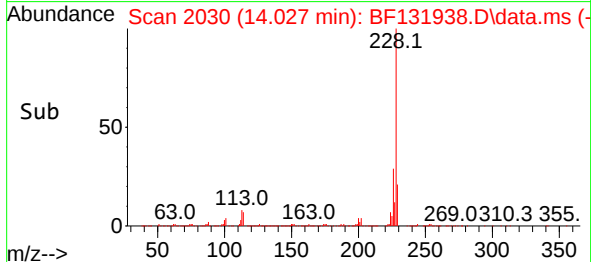
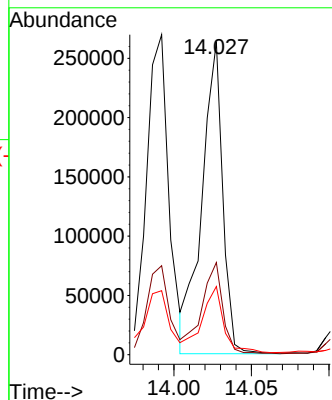


#83
Chrysene
Concen: 28.693 ng
RT: 14.027 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Instrument :
BNA_F
ClientSampleId :

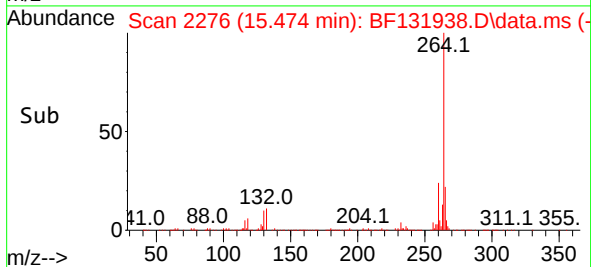
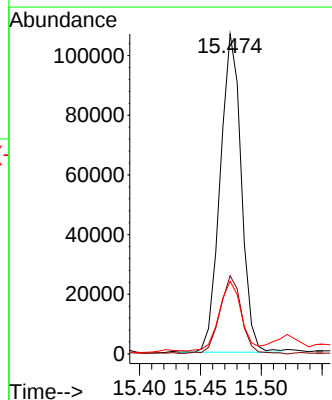
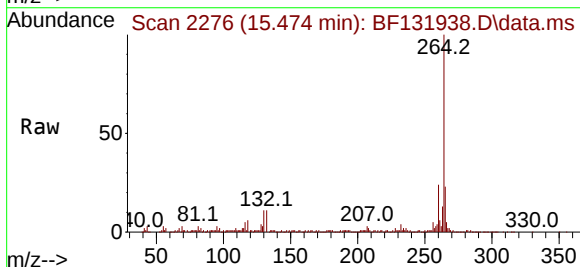


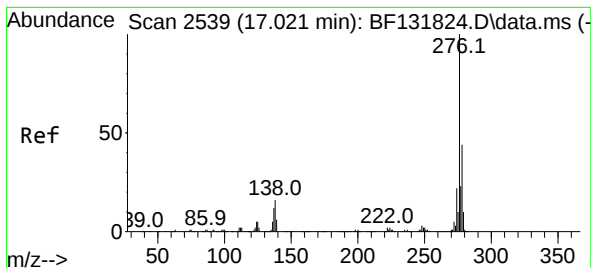
Tgt Ion:228 Resp: 245997
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 21.8 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Tgt Ion:264 Resp: 128622
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.683 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

Instrument :

BNA_F

ClientSampleId :

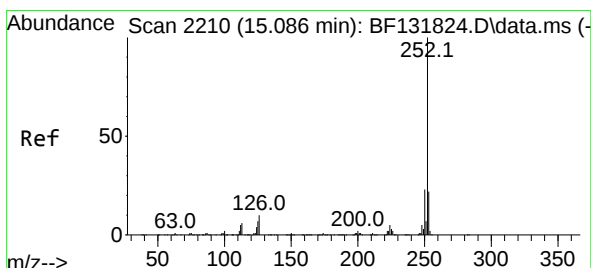
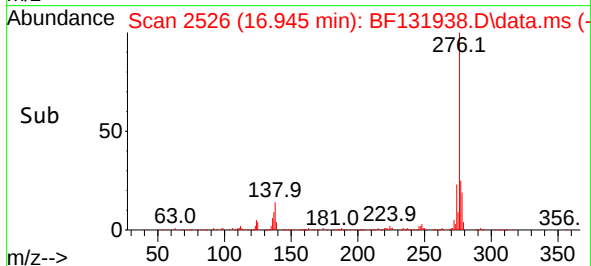
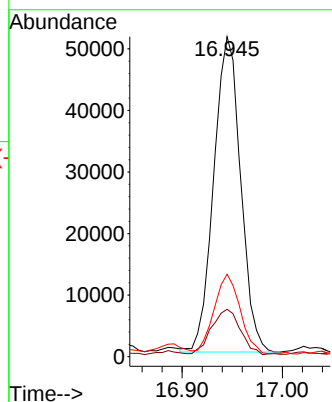
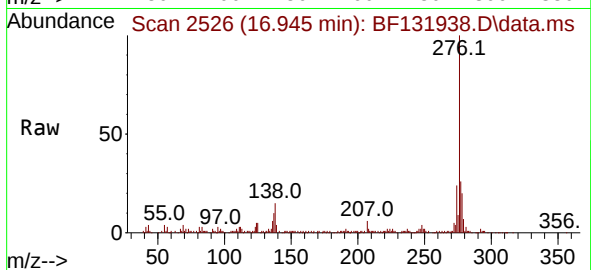
Tgt Ion:276 Resp: 95471

Ion Ratio Lower Upper

276 100

138 15.1 14.5 21.7

277 24.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 40.147 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

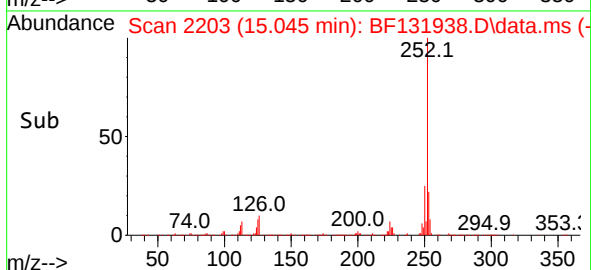
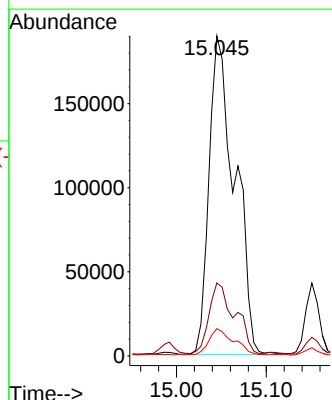
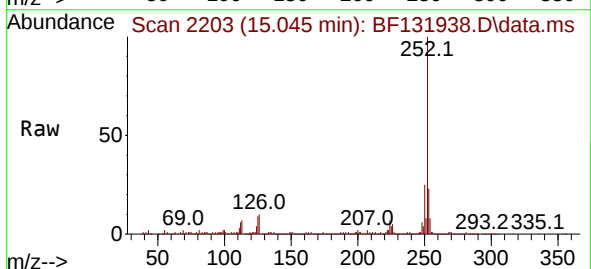
Tgt Ion:252 Resp: 378631

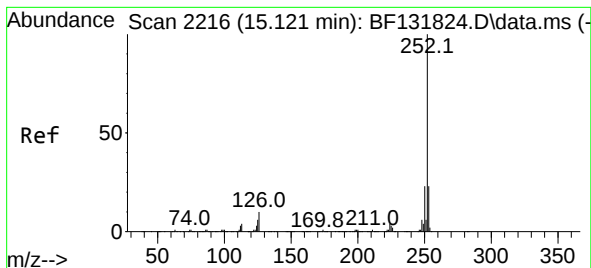
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 8.5 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 41.551 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

Instrument :

BNA_F

ClientSampleId :

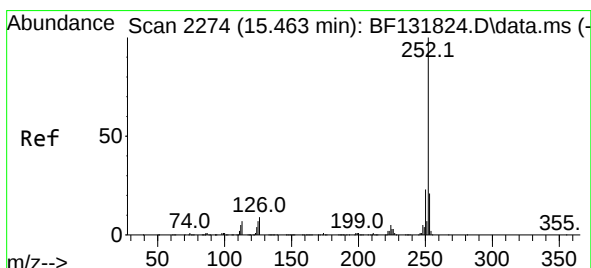
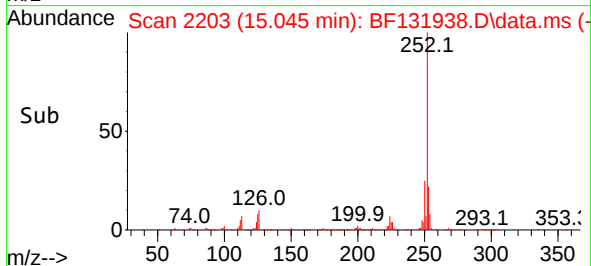
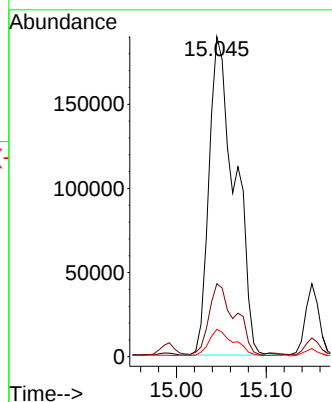
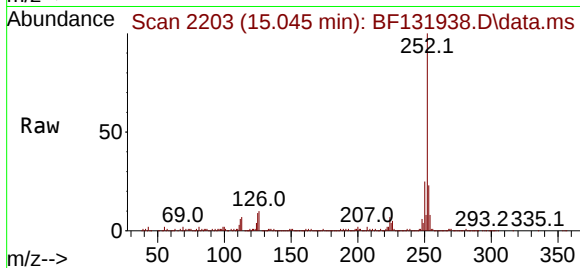
Tgt Ion:252 Resp: 378631

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 8.5 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 29.533 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF131938.D

Acq: 06 Jan 2023 13:15

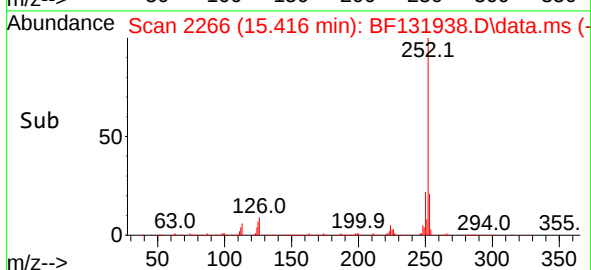
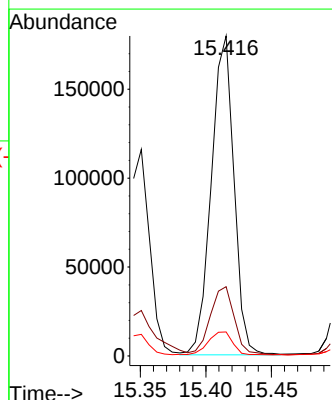
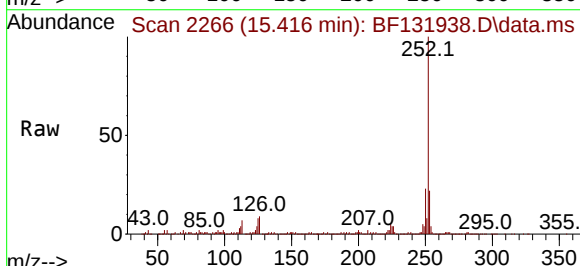
Tgt Ion:252 Resp: 215638

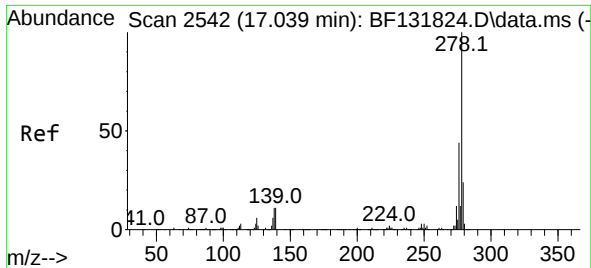
Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

125 7.5 5.8 8.8

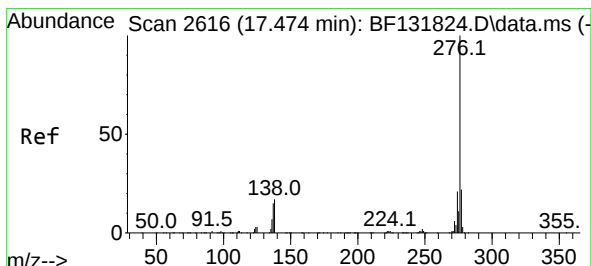
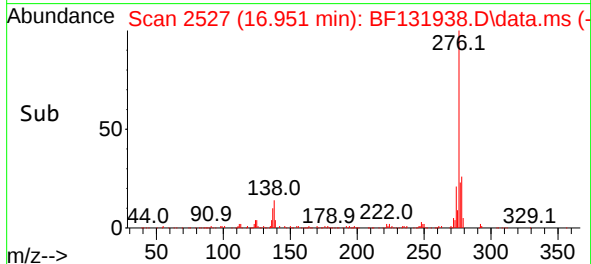
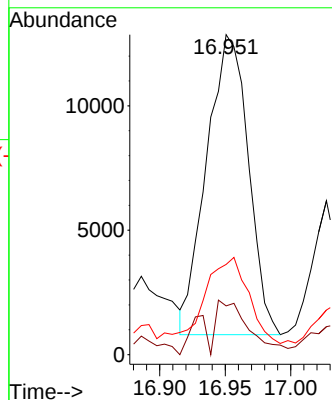
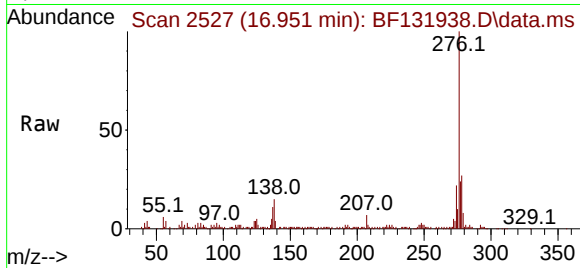




#91
Dibenzo(a,h)anthracene
Concen: 3.984 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 26668
Ion Ratio Lower Upper
278 100
139 15.2 8.6 12.8#
279 28.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 15.328 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF131938.D
Acq: 06 Jan 2023 13:15

Tgt Ion:276 Resp: 89604
Ion Ratio Lower Upper
276 100
277 24.0 17.9 26.9
138 16.5 13.7 20.5

