

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132280.D
 Acq On : 02 Feb 2023 01:51
 Operator : CG\JU
 Sample : 01374-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-3-13123-B

Quant Time: Feb 02 03:59:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

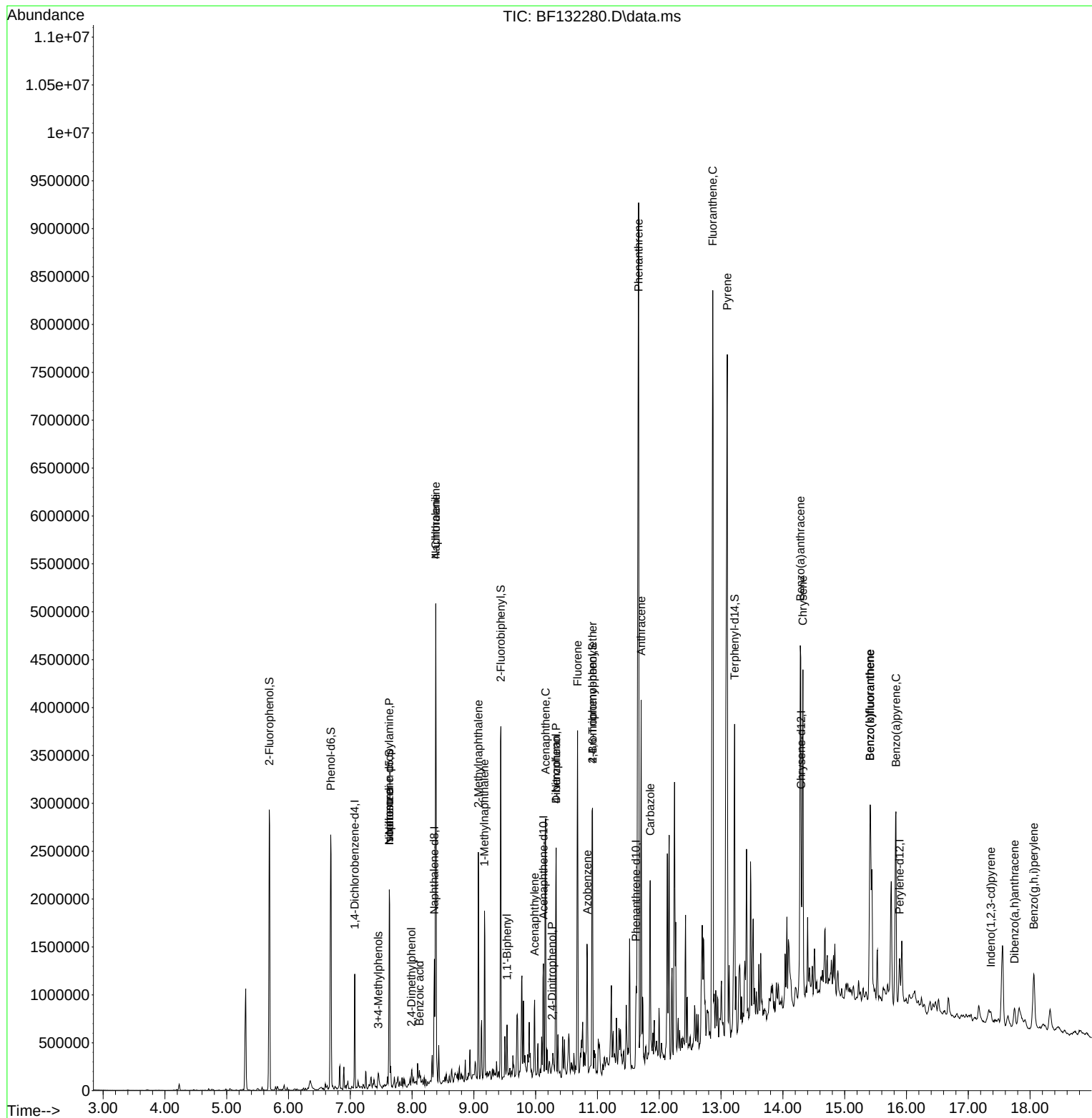
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	161192	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	557195	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	240768	20.000	ng	0.00
64) Phenanthrene-d10	11.625	188	423650	20.000	ng	0.00
76) Chrysene-d12	14.295	240	215641	20.000	ng	0.00
86) Perylene-d12	15.889	264	192734	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1041257	103.834	ng	0.00
7) Phenol-d6	6.684	99	1246742	100.842	ng	0.00
23) Nitrobenzene-d5	7.631	82	723390	72.245	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	279417	112.852	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1151967	73.885	ng	0.00
79) Terphenyl-d14	13.219	244	1061471	95.219	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.631	70	97059	13.821	ng	# 79
20) 3+4-Methylphenols	7.454	107	27793	2.395	ng	96
25) Isophorone	7.631	82	723390	38.064	ng	# 64
27) 2,4-Dimethylphenol	7.990	122	24566	2.817	ng	98
31) Naphthalene	8.384	128	2184394	79.644	ng	98
32) Benzoic acid	8.119	122	25535	3.955	ng	# 26
33) 4-Chloroaniline	8.384	127	293032	24.094	ng	# 33
37) 2-Methylnaphthalene	9.072	142	605891	32.614	ng	99
38) 1-Methylnaphthalene	9.172	142	434471	25.165	ng	99
46) 1,1'-Biphenyl	9.536	154	147377	7.940	ng	98
49) Acenaphthylene	9.984	152	254825	11.044	ng	99
52) Acenaphthene	10.160	154	579634	40.126	ng	97
54) 2,4-Dinitrophenol	10.266	184	77	4.361	ng	# 1
55) Dibenzofuran	10.331	168	859545	42.350	ng	98
56) 4-Nitrophenol	10.331	139	355763	103.644	ng	# 17
58) Fluorene	10.678	166	960175	61.470	ng	99
63) Azobenzene	10.836	77	131347	8.048	ng	# 1
67) 4-Bromophenyl-phenylether	10.919	248	16369	3.773	ng	# 1
71) Phenanthrene	11.666	178	4847884	218.983	ng	95
72) Anthracene	11.707	178	1313826	58.315	ng	99
73) Carbazole	11.854	167	730808	36.176	ng	99
75) Fluoranthene	12.866	202	4525076	200.301	ng	95
78) Pyrene	13.101	202	3945867	227.504	ng	94
81) Benzo(a)anthracene	14.283	228	1600742	106.134	ng	95
83) Chrysene	14.324	228	1330195	94.189	ng	97
87) Indeno(1,2,3-cd)pyrene	17.365	276	119045	9.296	ng	96
88) Benzo(b)fluoranthene	15.413	252	2005169	163.673	ng	98
89) Benzo(k)fluoranthene	15.413	252	2005169	171.471	ng	99
90) Benzo(a)pyrene	15.830	252	1155794	101.313	ng	97
91) Dibenzo(a,h)anthracene	17.748	278	142619	13.852	ng	95
92) Benzo(g,h,i)perylene	18.059	276	603149	56.703	ng	97

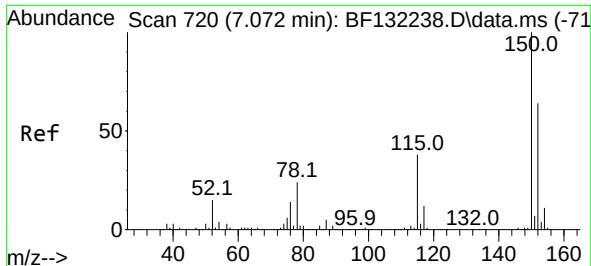
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

Quant Time: Feb 02 03:59:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

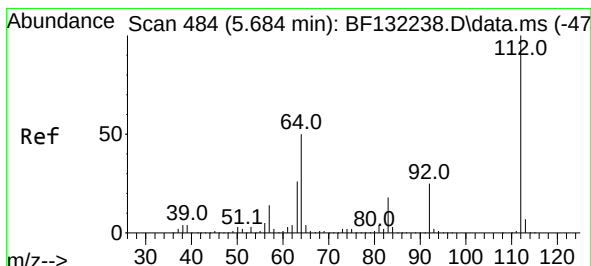
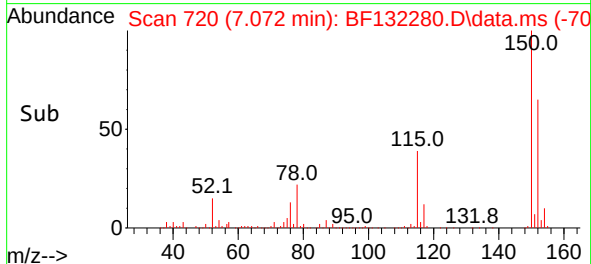
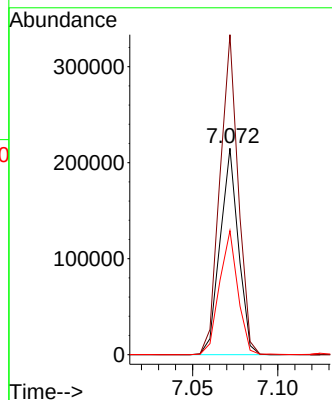
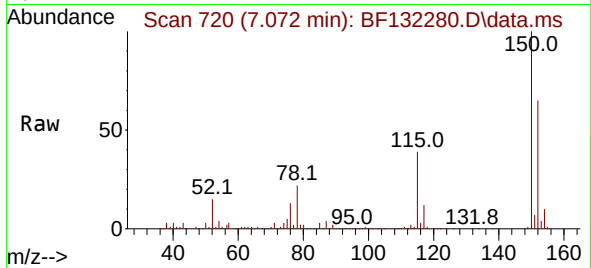




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.072 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

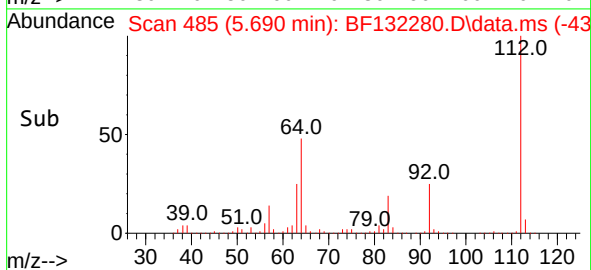
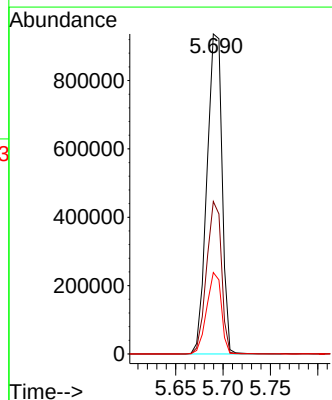
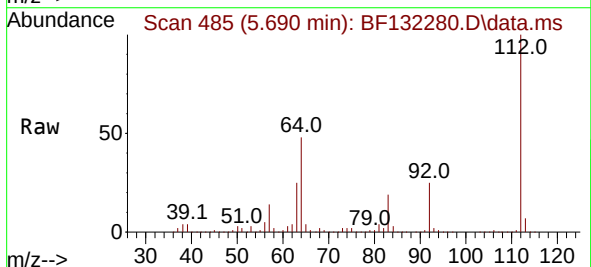
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

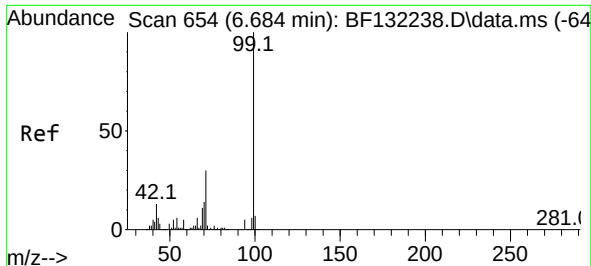
Tgt Ion:152 Resp: 161192
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 60.1 47.3 70.9



#5
2-Fluorophenol
Concen: 103.834 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:112 Resp: 1041257
Ion Ratio Lower Upper
112 100
64 47.6 40.0 60.0
63 25.4 20.5 30.7

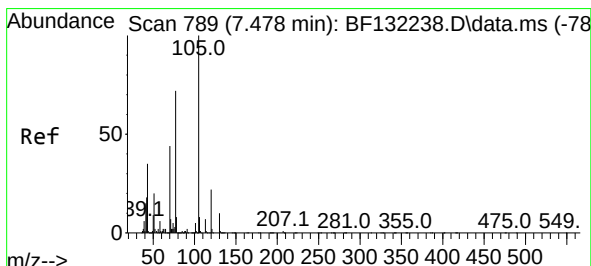
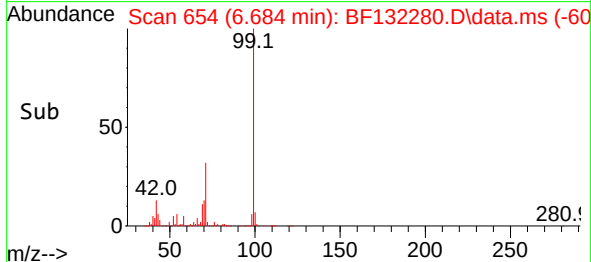
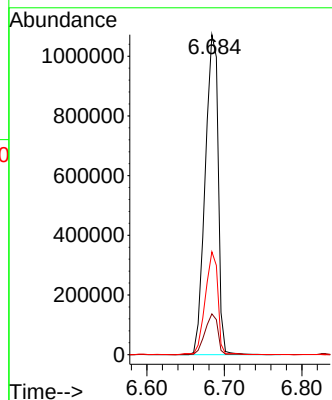
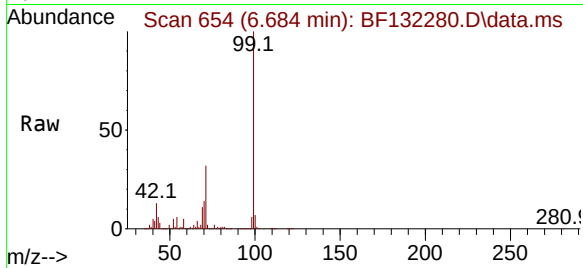




#7
Phenol-d6
Concen: 100.842 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

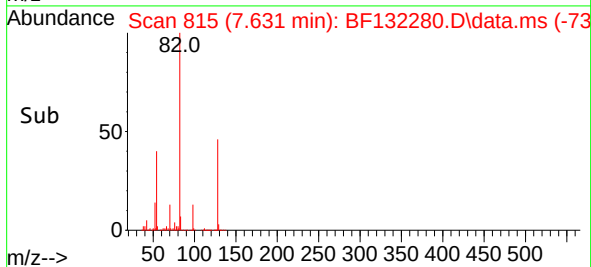
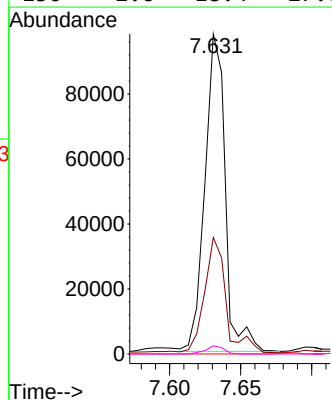
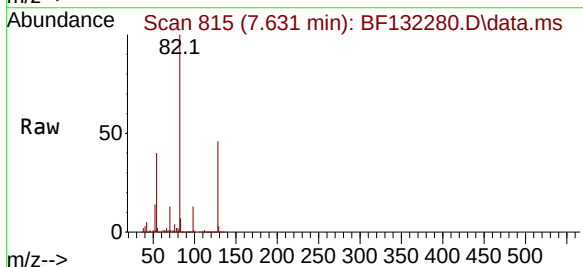
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

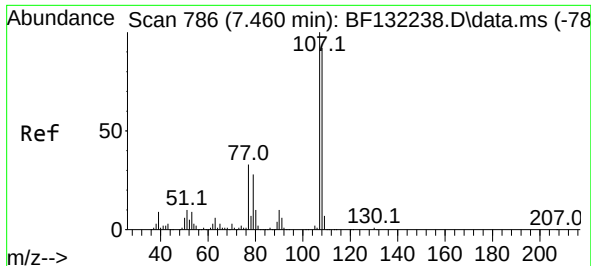
Tgt Ion: 99 Resp: 1246742
Ion Ratio Lower Upper
99 100
42 12.8 10.1 15.1
71 32.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.821 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion: 70 Resp: 97059
Ion Ratio Lower Upper
70 100
42 36.4 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#





#20

3+4-Methylphenols

Concen: 2.395 ng

RT: 7.454 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

Tgt Ion:107 Resp: 27793

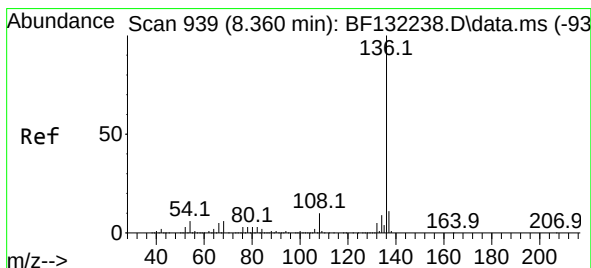
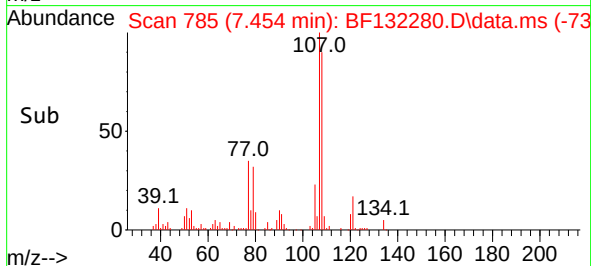
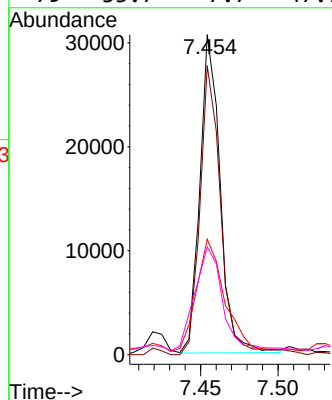
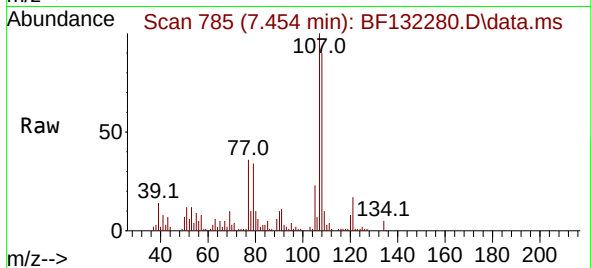
Ion Ratio Lower Upper

107 100

108 90.3 71.6 111.6

77 36.1 13.4 53.4

79 33.7 7.7 47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.360 min Scan# 939

Delta R.T. -0.000 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Tgt Ion:136 Resp: 557195

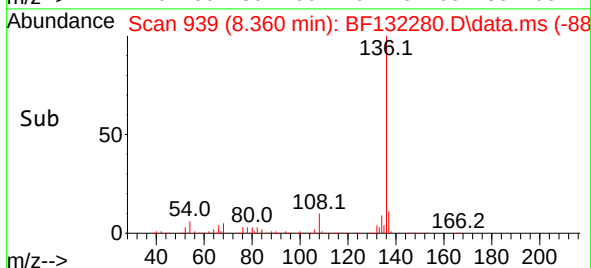
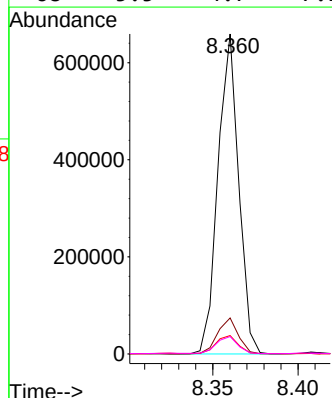
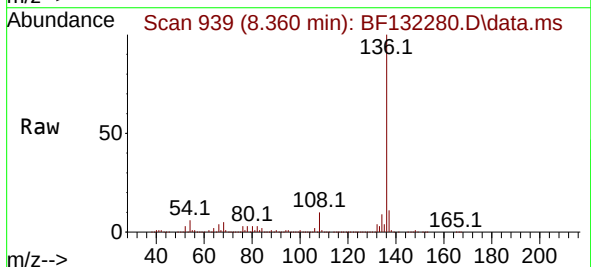
Ion Ratio Lower Upper

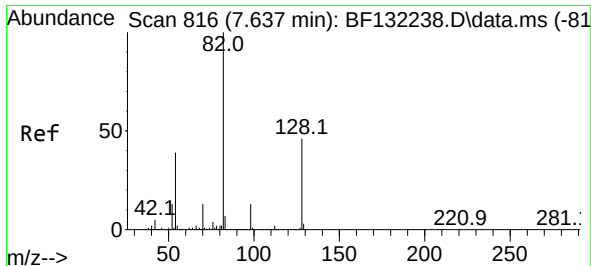
136 100

137 11.3 8.8 13.2

54 5.8 4.9 7.3

68 5.5 4.7 7.1

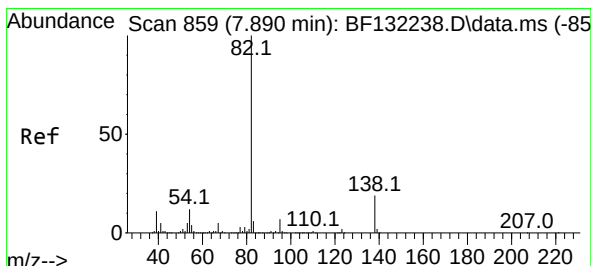
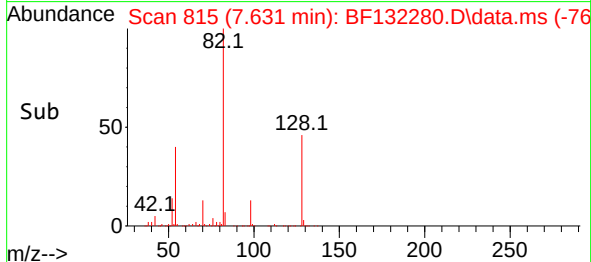
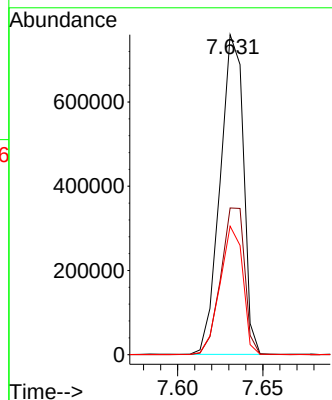
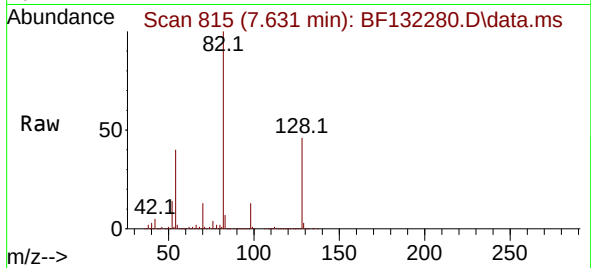




#23
Nitrobenzene-d5
Concen: 72.245 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

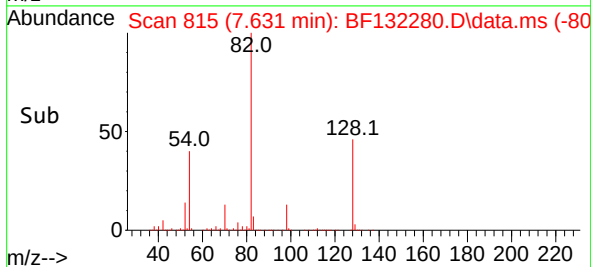
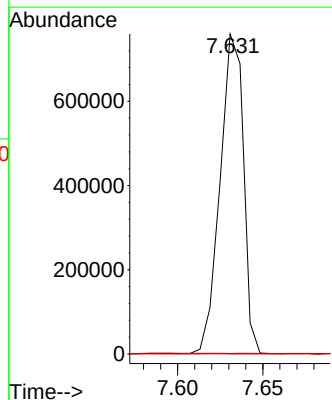
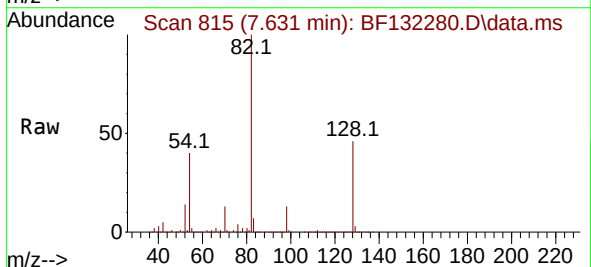
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

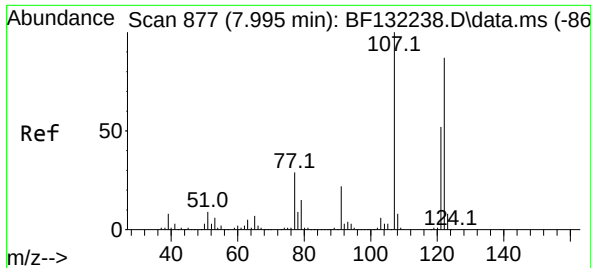
Tgt Ion: 82 Resp: 723390
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 40.1 31.5 47.3



#25
Isophorone
Concen: 38.064 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.259 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion: 82 Resp: 723390
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 15.0 22.6#

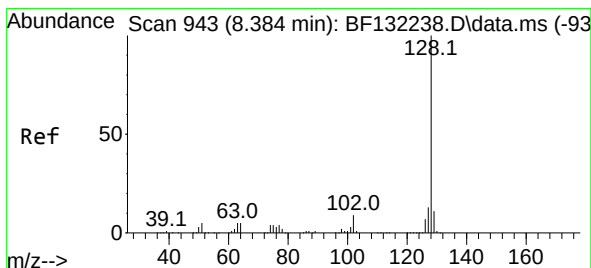
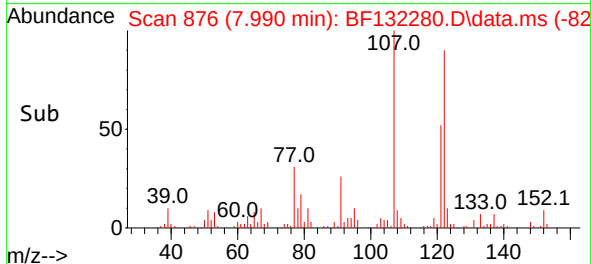
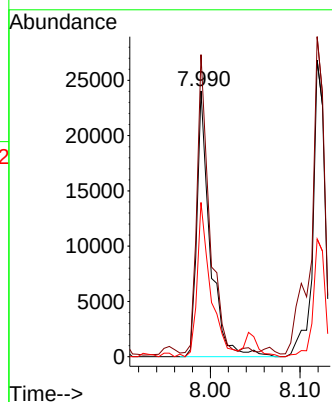
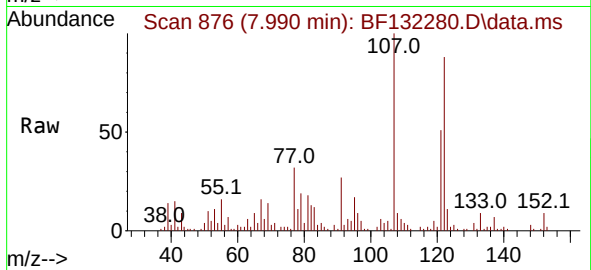




#27
2,4-Dimethylphenol
Concen: 2.817 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

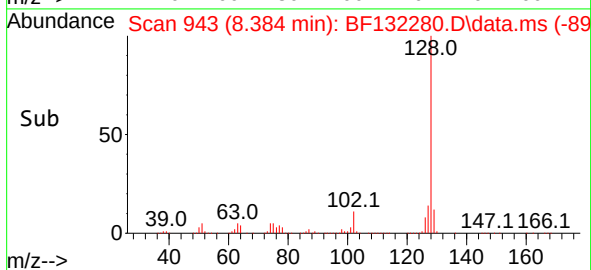
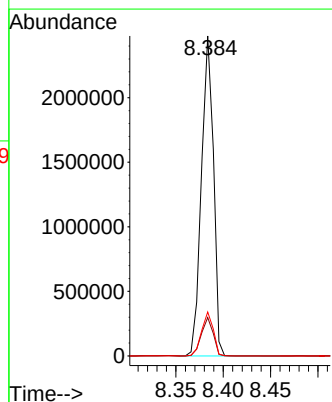
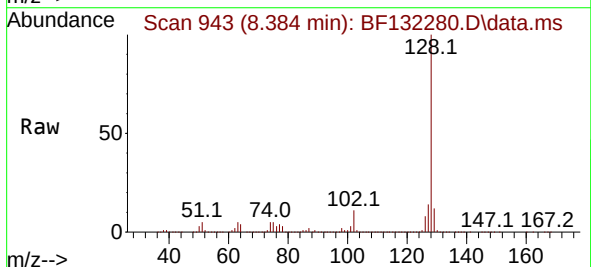
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

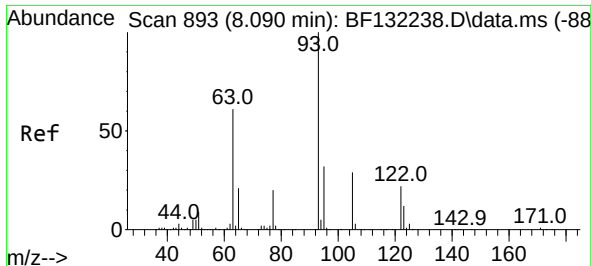
Tgt Ion:122 Resp: 24566
Ion Ratio Lower Upper
122 100
107 113.6 91.9 137.9
121 58.0 47.8 71.8



#31
Naphthalene
Concen: 79.644 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:128 Resp: 2184394
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.7 10.5 15.7

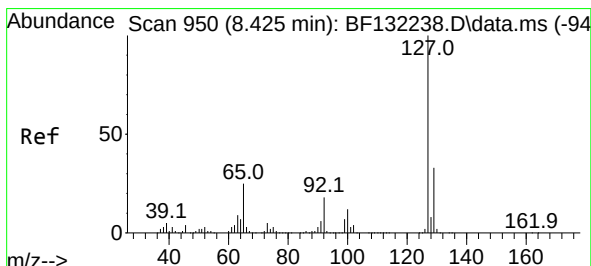
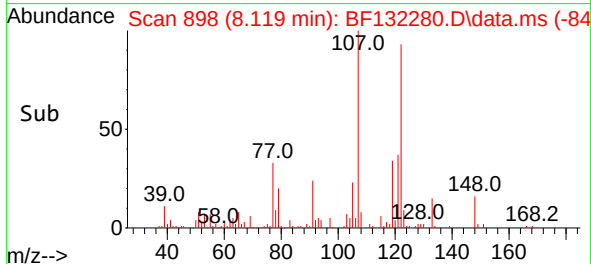
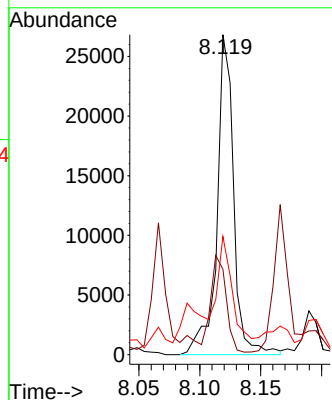
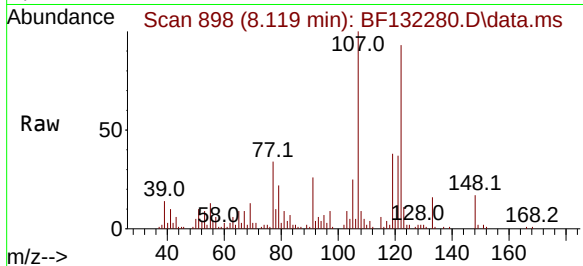




#32
Benzoic acid
Concen: 3.955 ng
RT: 8.119 min Scan# 893
Delta R.T. 0.029 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

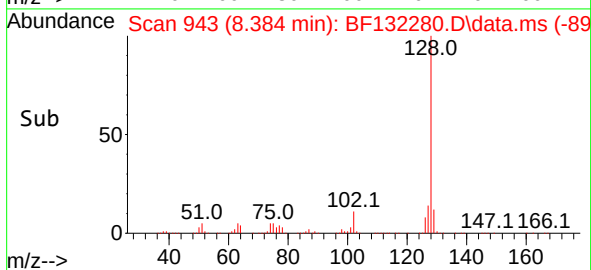
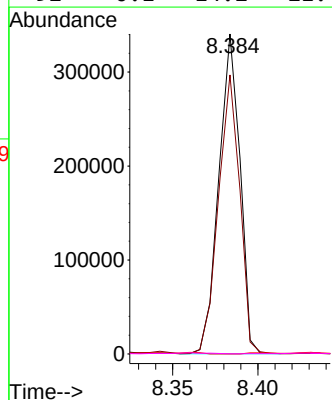
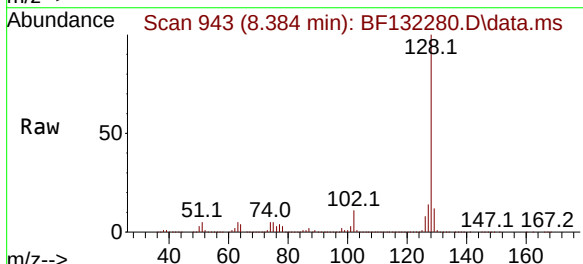
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

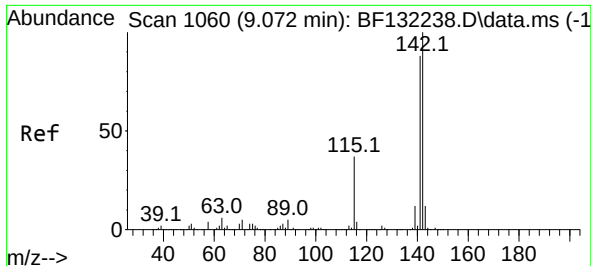
Tgt Ion:122 Resp: 25535
Ion Ratio Lower Upper
122 100
105 26.7 106.3 146.3#
77 37.0 70.6 110.6#



#33
4-Chloroaniline
Concen: 24.094 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.041 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:127 Resp: 293032
Ion Ratio Lower Upper
127 100
129 87.2 26.6 39.8#
65 0.0 20.2 30.2#
92 0.1 14.2 21.4#

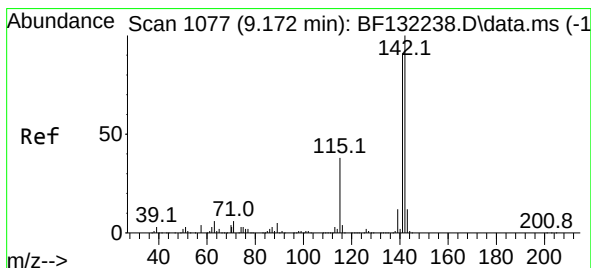
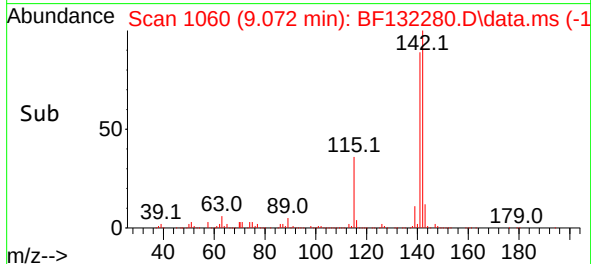
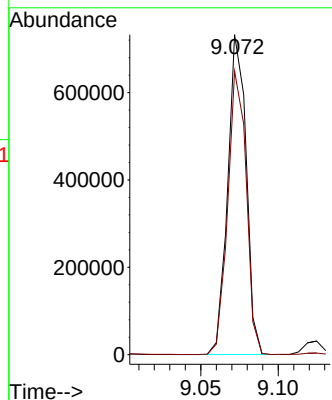
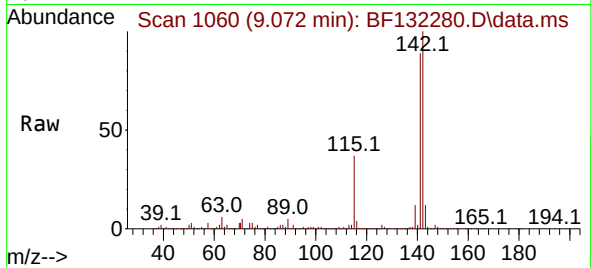




#37
2-Methylnaphthalene
Concen: 32.614 ng
RT: 9.072 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

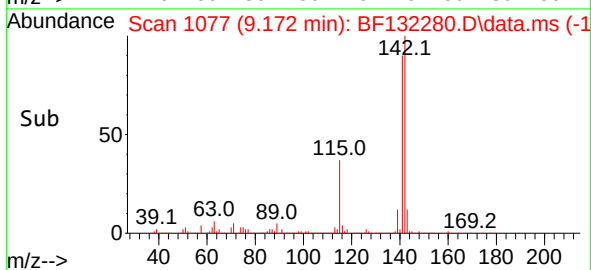
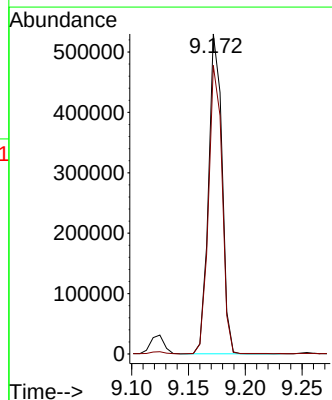
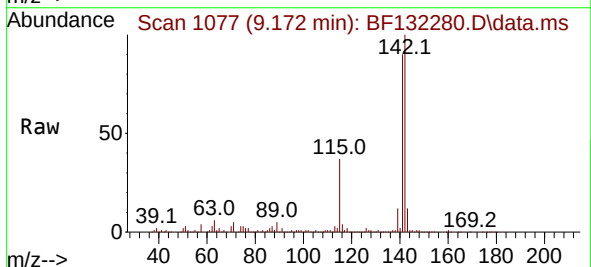
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

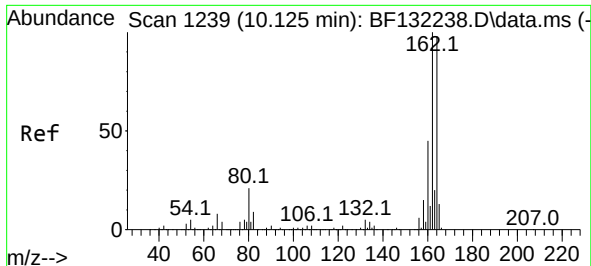
Tgt Ion:142 Resp: 605891
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1



#38
1-Methylnaphthalene
Concen: 25.165 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:142 Resp: 434471
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8

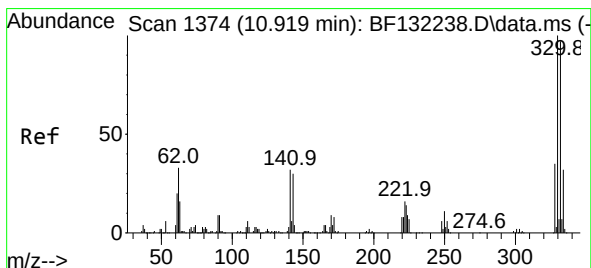
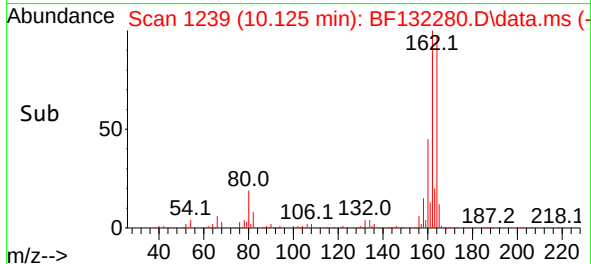
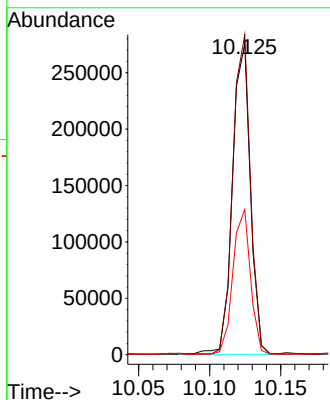
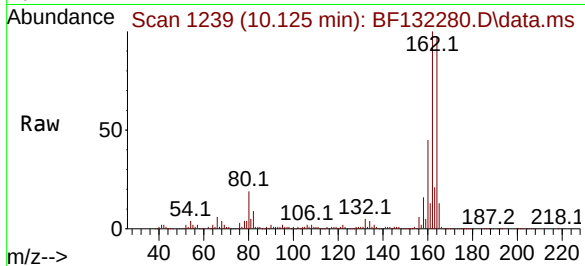




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.125 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

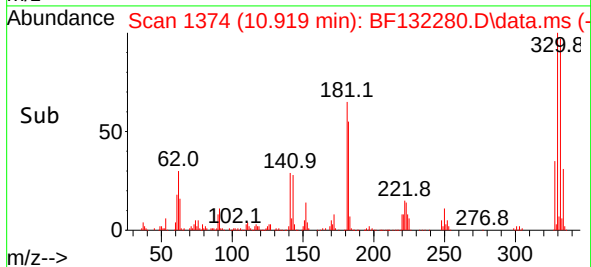
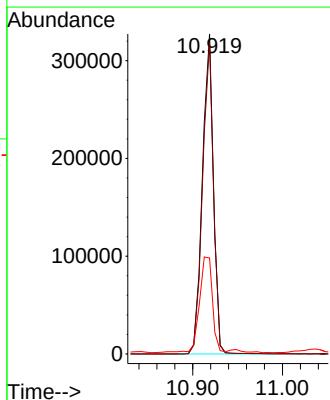
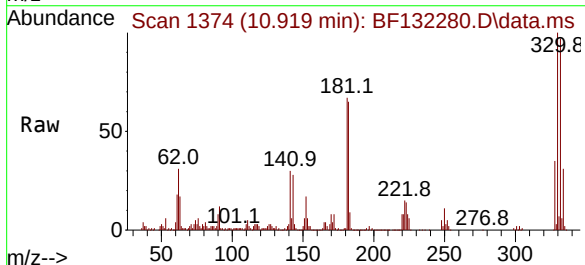
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

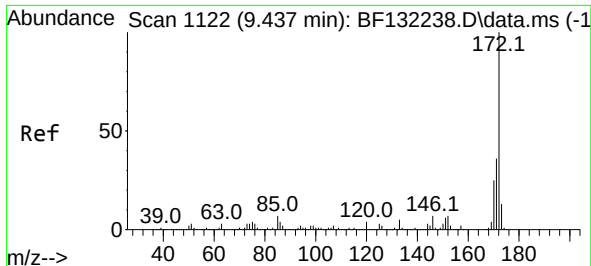
Tgt Ion:164 Resp: 240768
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 46.7 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 112.852 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:330 Resp: 279417
Ion Ratio Lower Upper
330 100
332 96.5 77.9 116.9
141 35.3 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 73.885 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

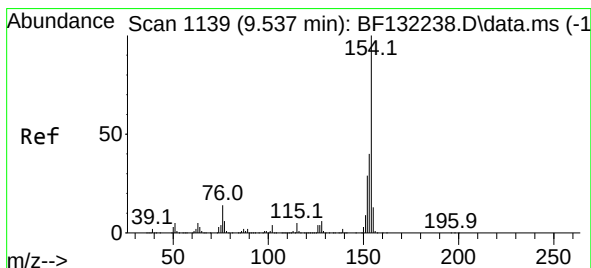
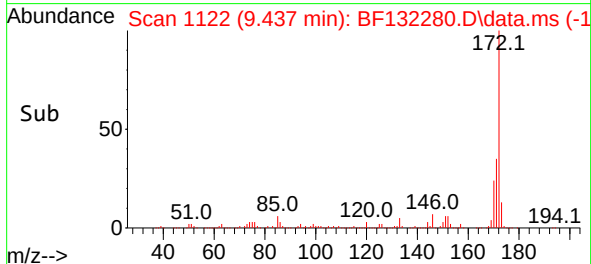
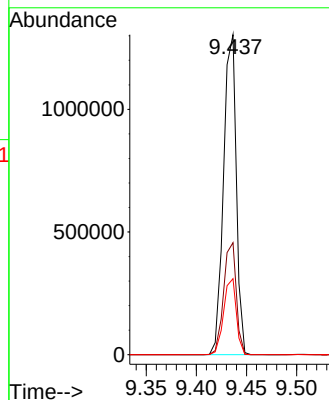
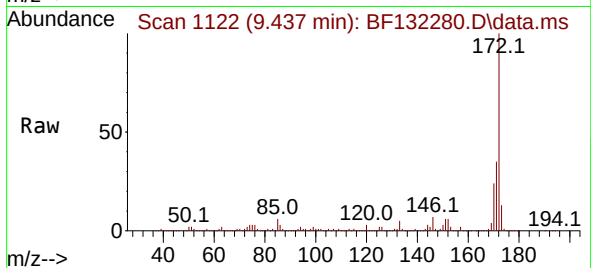
Tgt Ion:172 Resp: 1151967

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.7 19.7 29.5



#46

1,1'-Biphenyl

Concen: 7.940 ng

RT: 9.536 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

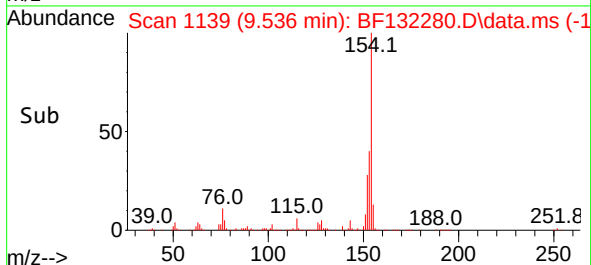
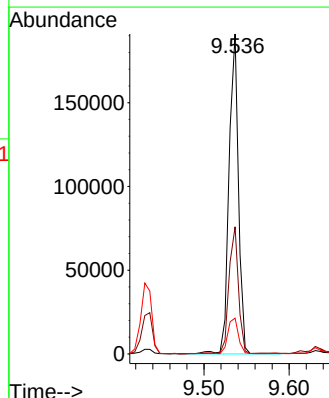
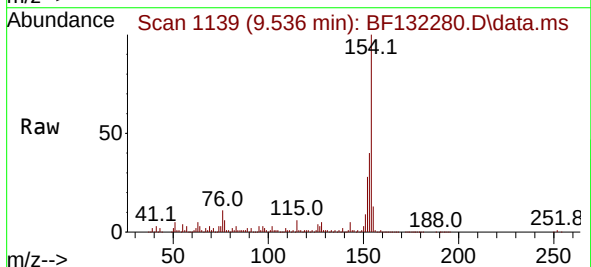
Tgt Ion:154 Resp: 147377

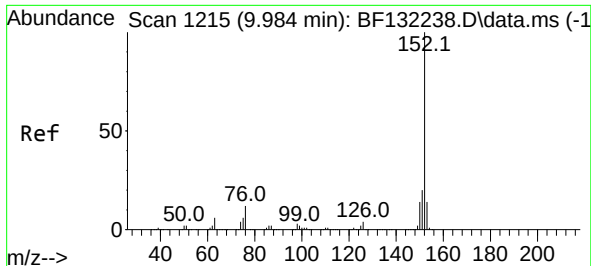
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 11.2 0.0 34.0





#49

Acenaphthylene

Concen: 11.044 ng

RT: 9.984 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

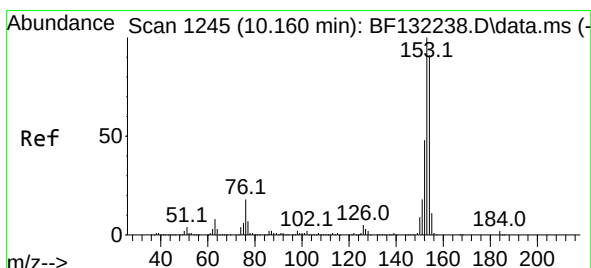
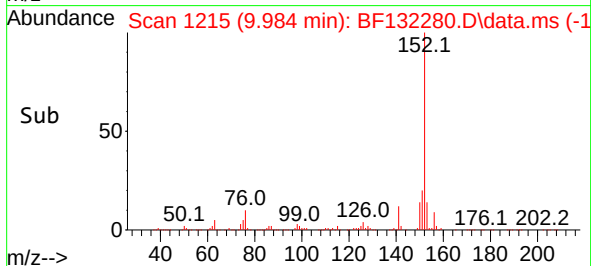
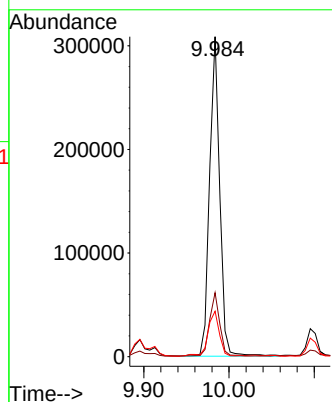
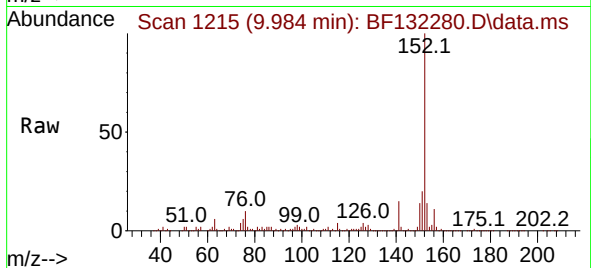
Tgt Ion:152 Resp: 254825

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 14.2 10.9 16.3



#52

Acenaphthene

Concen: 40.126 ng

RT: 10.160 min Scan# 1245

Delta R.T. -0.000 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

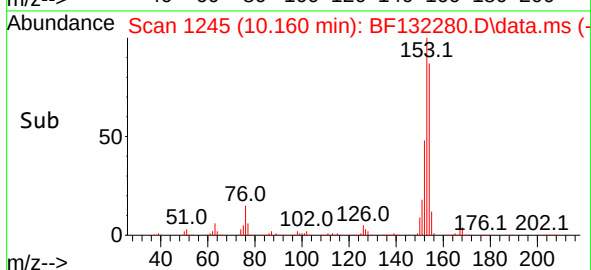
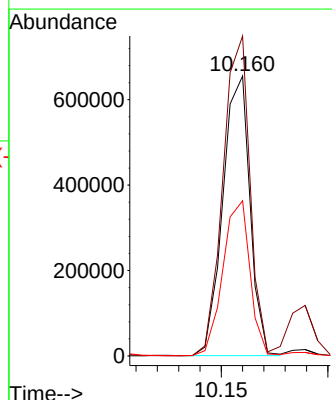
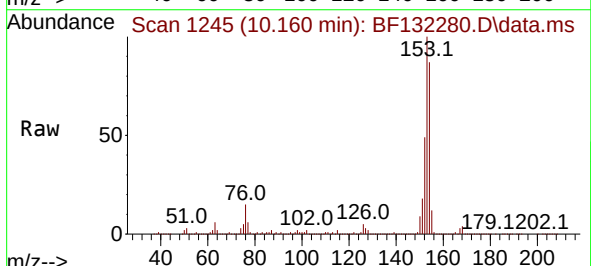
Tgt Ion:154 Resp: 579634

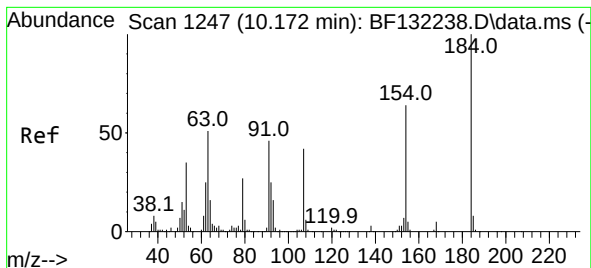
Ion Ratio Lower Upper

154 100

153 114.3 88.3 132.5

152 55.5 42.7 64.1

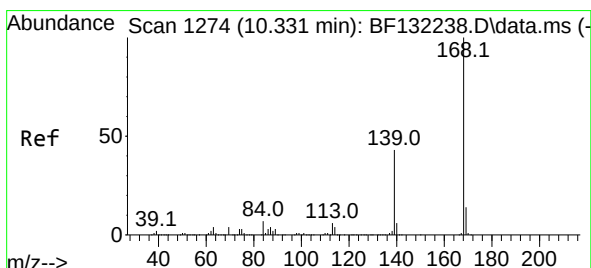
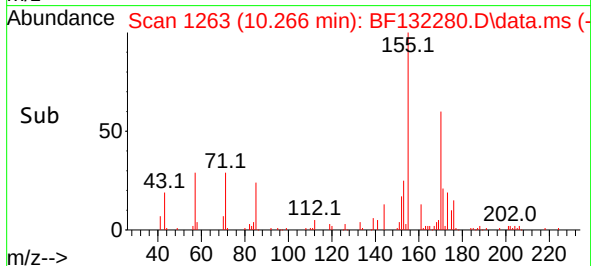
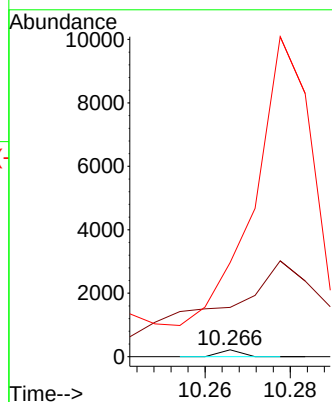
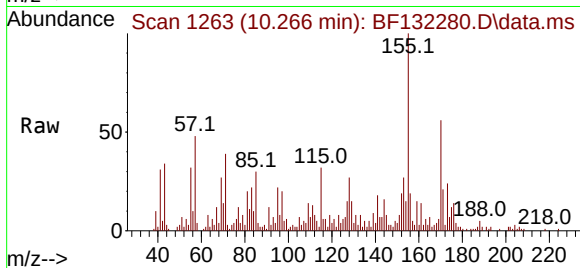




#54
2,4-Dinitrophenol
Concen: 4.361 ng
RT: 10.266 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

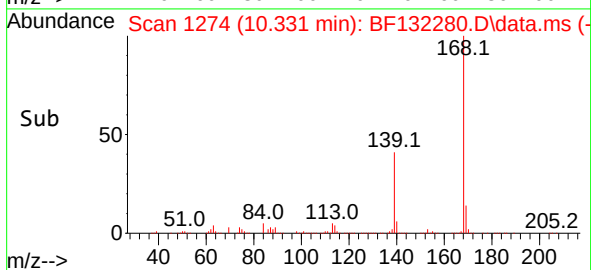
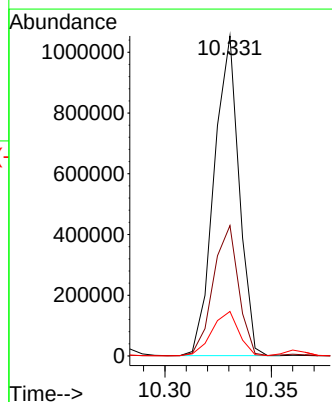
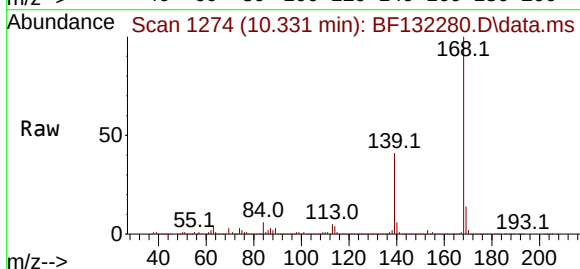
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

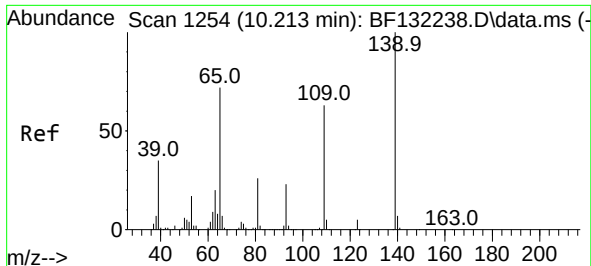
Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 711.9 41.6 62.4#
154 1361.5 57.0 85.6#



#55
Dibenzofuran
Concen: 42.350 ng
RT: 10.331 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:168 Resp: 859545
Ion Ratio Lower Upper
168 100
139 40.7 34.2 51.4
169 13.9 11.2 16.8

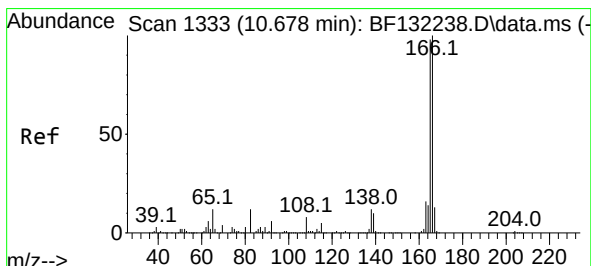
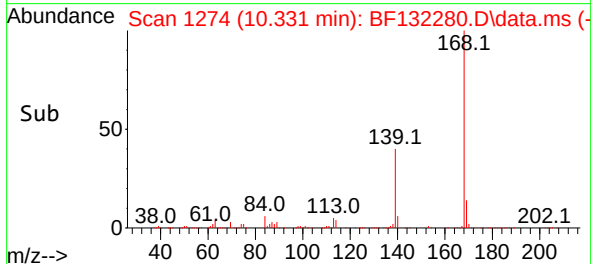
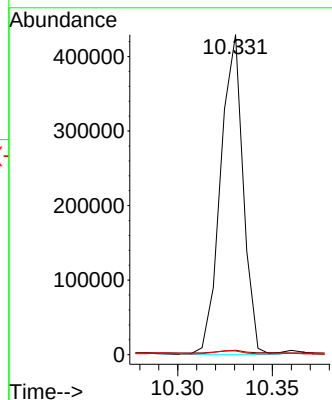
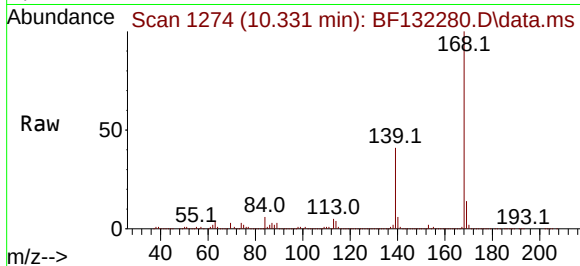




#56
4-Nitrophenol
Concen: 103.644 ng
RT: 10.331 min Scan# 1274
Delta R.T. 0.118 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

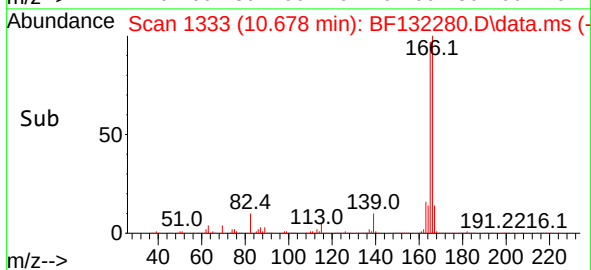
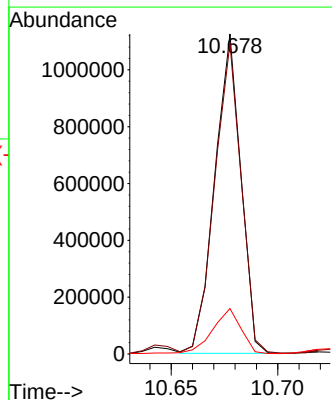
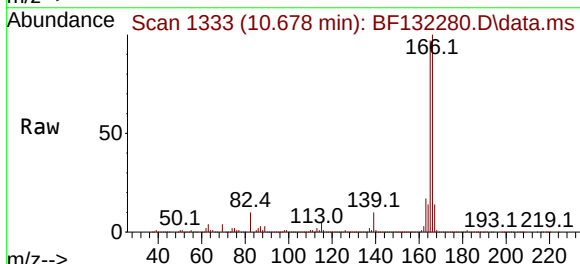
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

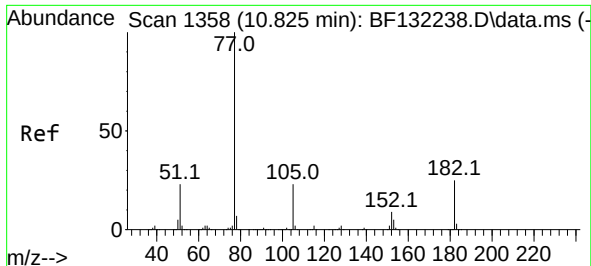
Tgt Ion:139 Resp: 355763
Ion Ratio Lower Upper
139 100
109 1.4 43.3 83.3#
65 1.2 52.3 92.3#



#58
Fluorene
Concen: 61.470 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:166 Resp: 960175
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 14.2 10.8 16.2

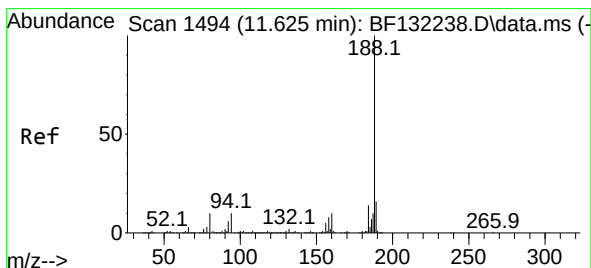
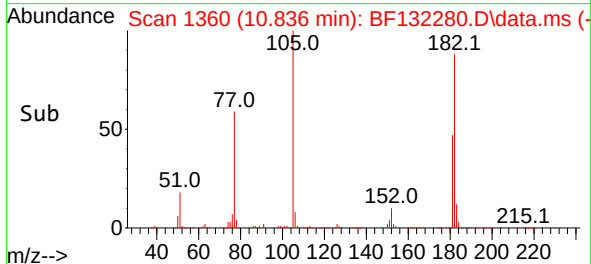
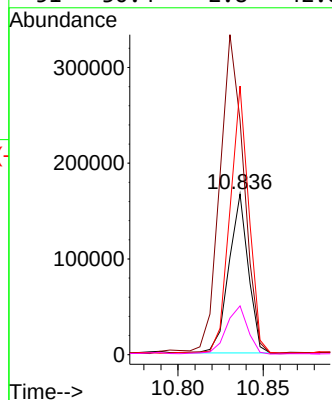
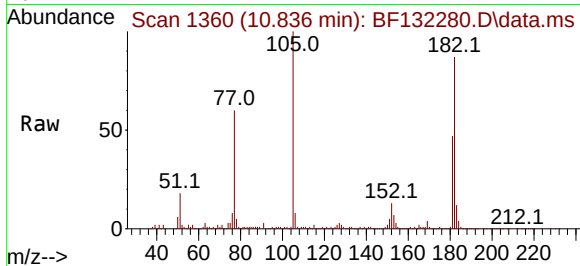




#63
Azobenzene
Concen: 8.048 ng
RT: 10.836 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

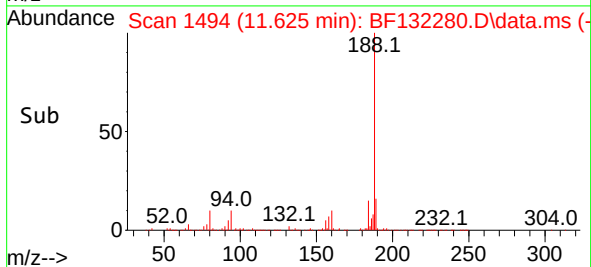
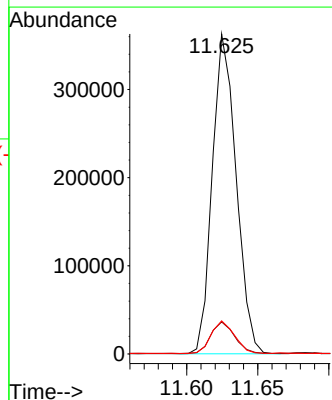
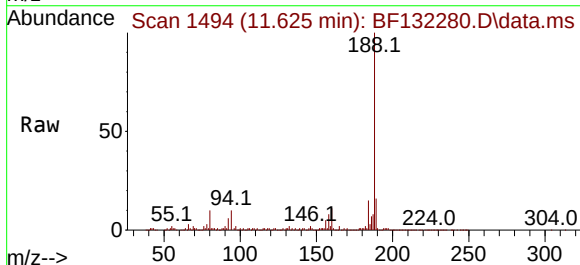
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

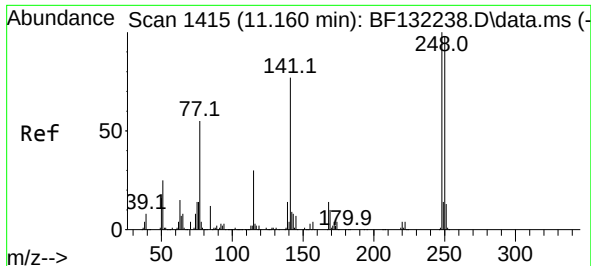
Tgt Ion: 77 Resp: 131347
Ion Ratio Lower Upper
77 100
182 146.0 4.5 44.5#
105 167.3 2.7 42.7#
51 30.4 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.625 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion: 188 Resp: 423650
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.3 8.3 12.5

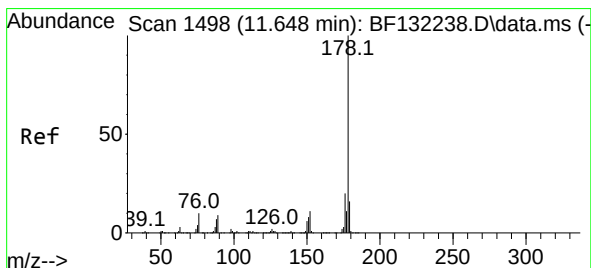
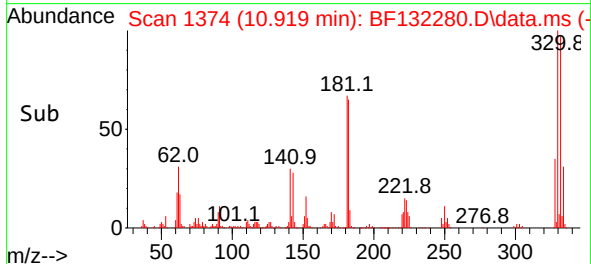
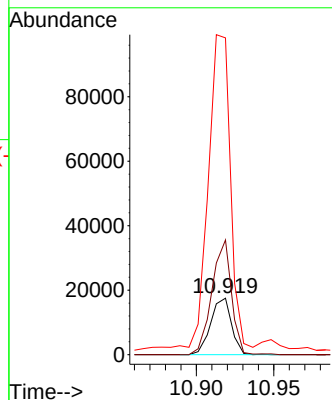
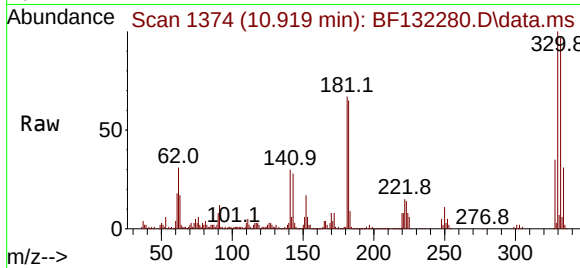




#67
4-Bromophenyl-phenylether
Concen: 3.773 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

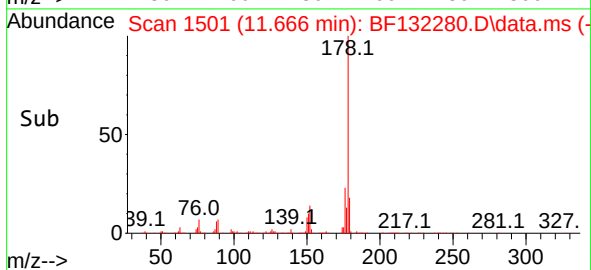
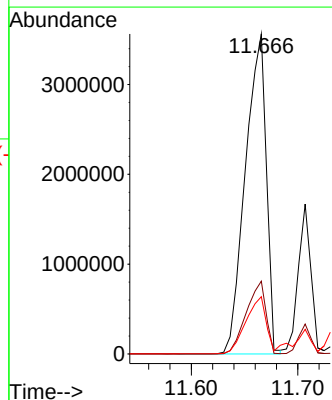
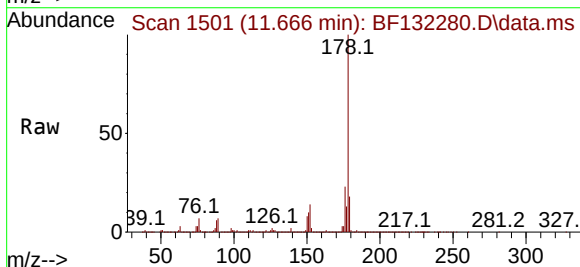
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

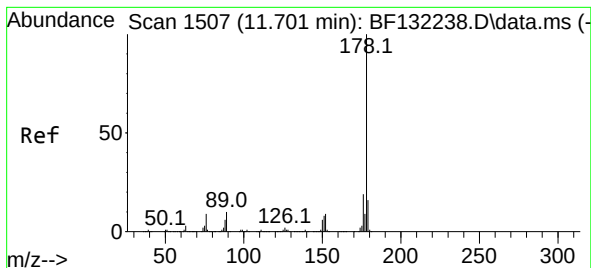
Tgt Ion:248 Resp: 16369
Ion Ratio Lower Upper
248 100
250 203.1 78.6 117.8#
141 560.9 61.6 92.4#



#71
Phenanthrene
Concen: 218.983 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.018 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:178 Resp: 4847884
Ion Ratio Lower Upper
178 100
176 22.8 16.2 24.4
179 17.9 12.8 19.2





#72

Anthracene

Concen: 58.315 ng

RT: 11.707 min Scan# 1507

Delta R.T. 0.006 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

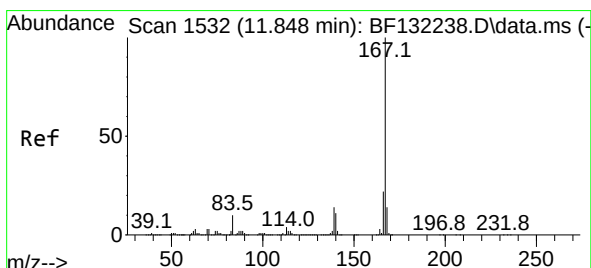
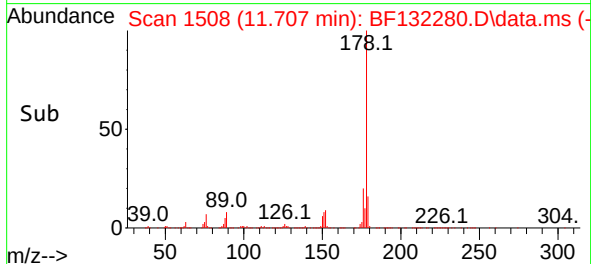
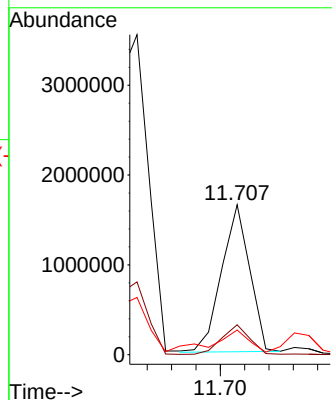
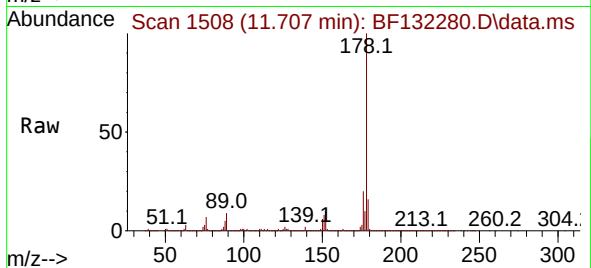
Tgt Ion:178 Resp: 1313826

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 16.4 12.8 19.2



#73

Carbazole

Concen: 36.176 ng

RT: 11.854 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

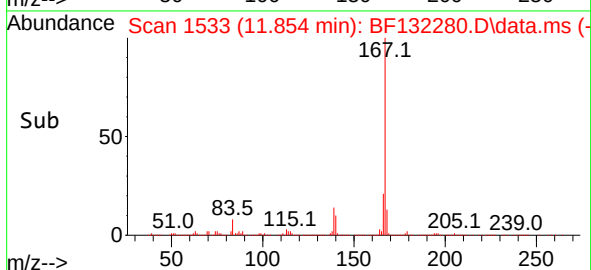
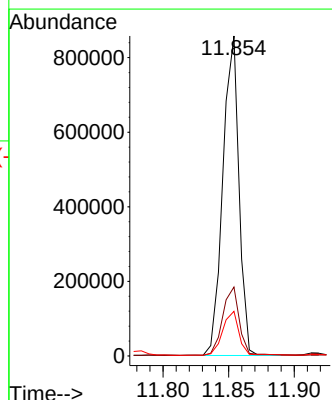
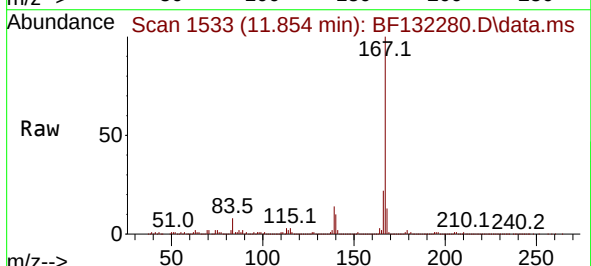
Tgt Ion:167 Resp: 730808

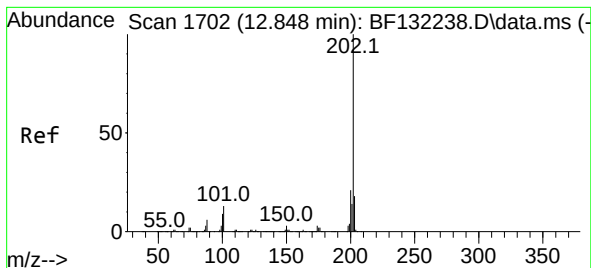
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 13.9 11.4 17.2





#75

Fluoranthene

Concen: 200.301 ng

RT: 12.866 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

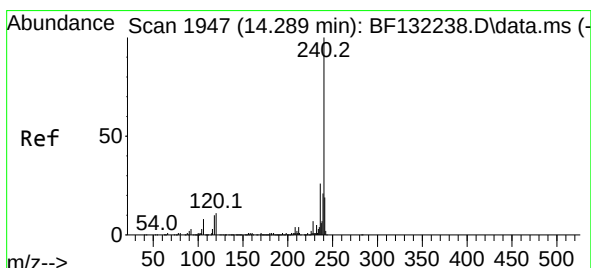
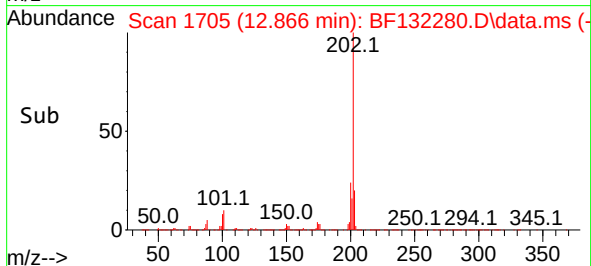
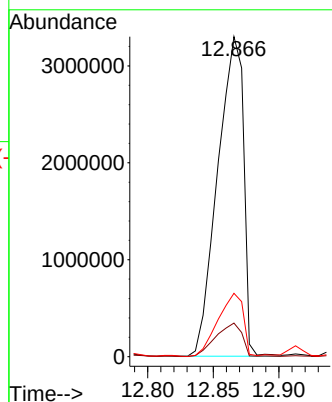
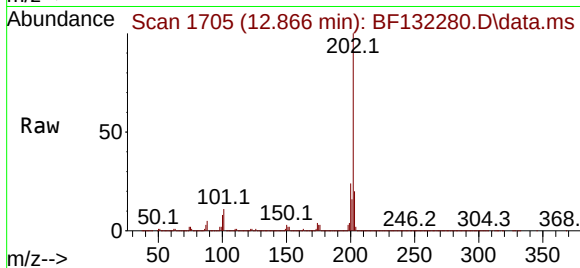
Tgt Ion:202 Resp: 4525076

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.7

203 19.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

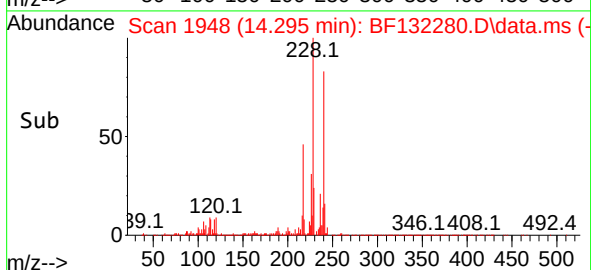
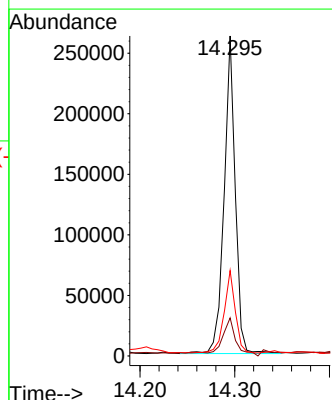
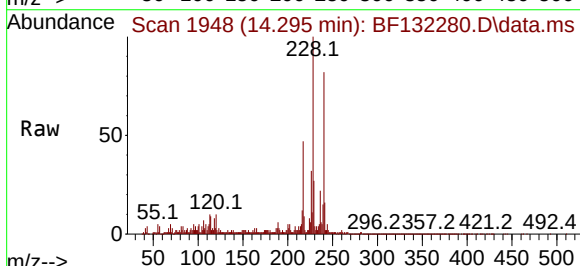
Tgt Ion:240 Resp: 215641

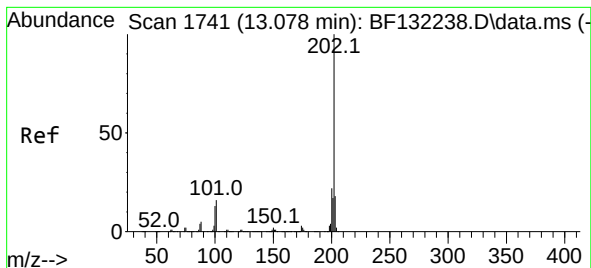
Ion Ratio Lower Upper

240 100

120 11.9 8.8 13.2

236 26.7 21.0 31.6





#78

Pyrene

Concen: 227.504 ng

RT: 13.101 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

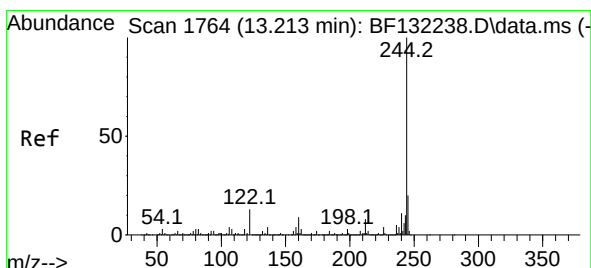
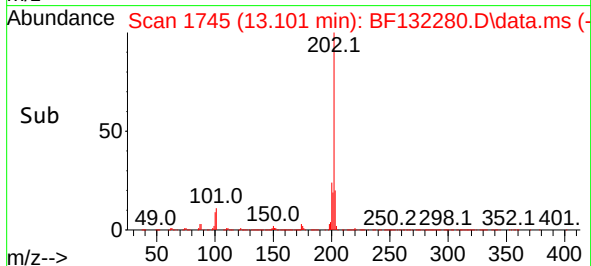
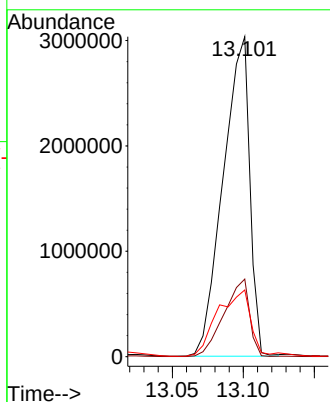
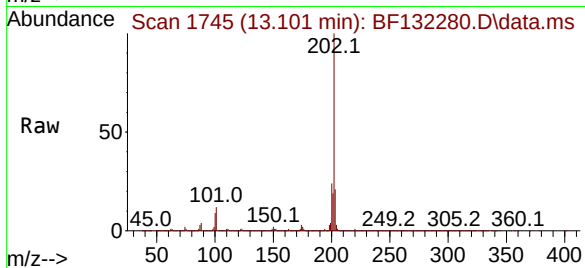
Tgt Ion:202 Resp: 3945867

Ion Ratio Lower Upper

202 100

200 24.3 17.3 25.9

203 20.8 14.4 21.6



#79

Terphenyl-d14

Concen: 95.219 ng

RT: 13.219 min Scan# 1765

Delta R.T. 0.006 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

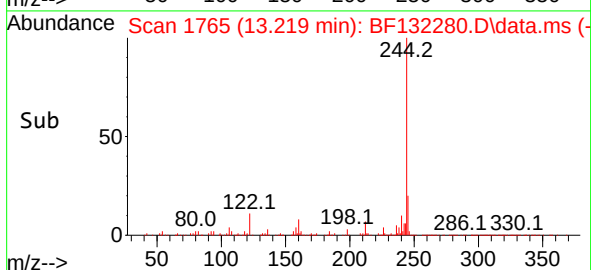
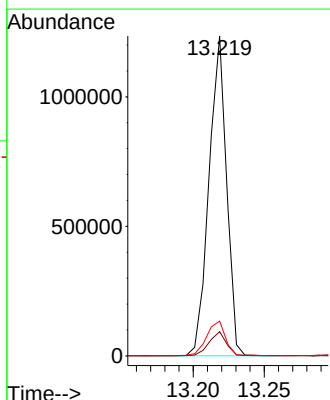
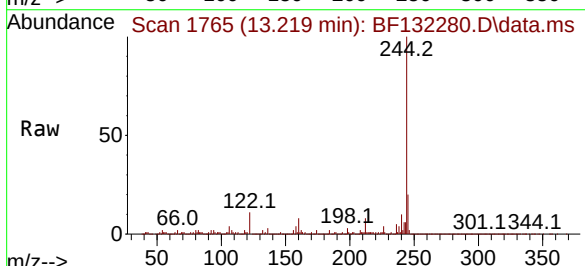
Tgt Ion:244 Resp: 1061471

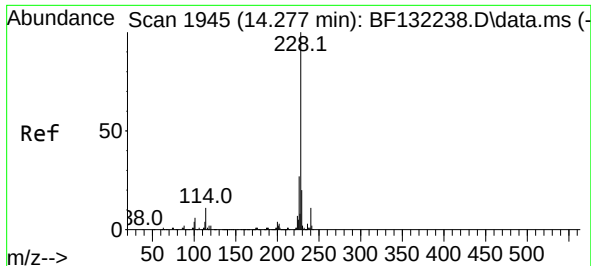
Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 10.9 10.5 15.7

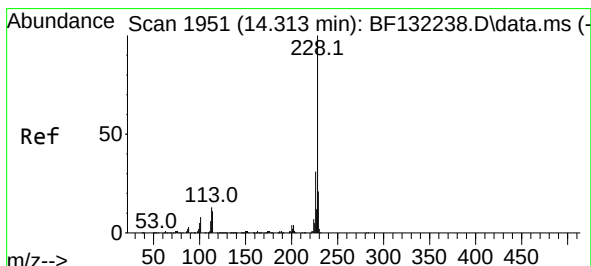
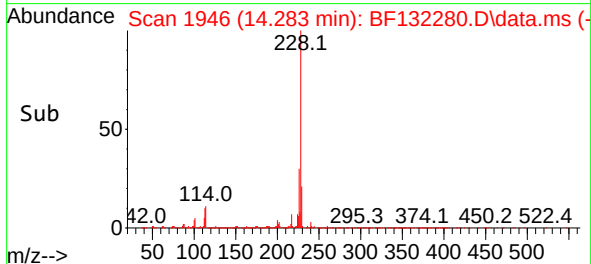
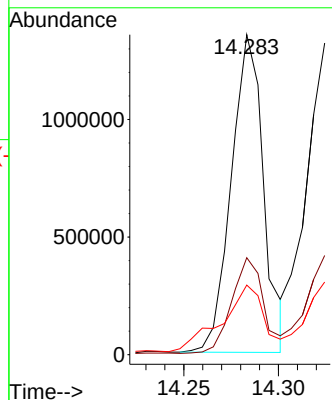
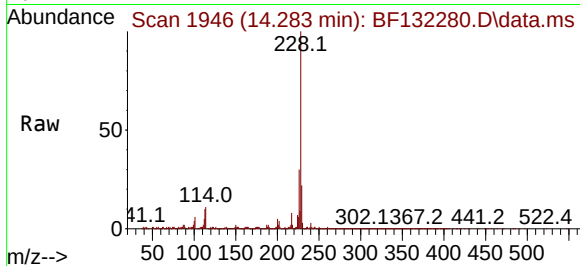




#81
Benzo(a)anthracene
Concen: 106.134 ng
RT: 14.283 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

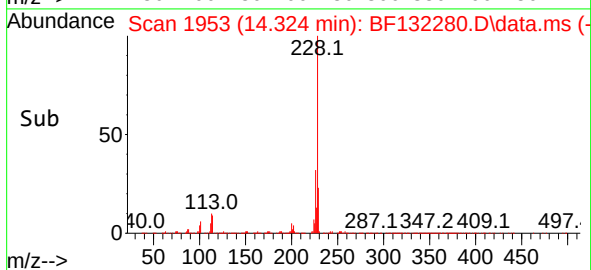
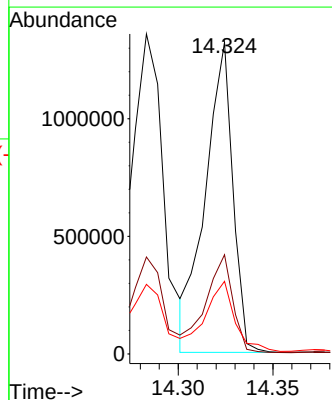
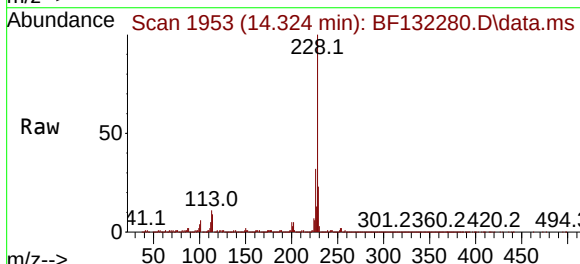
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

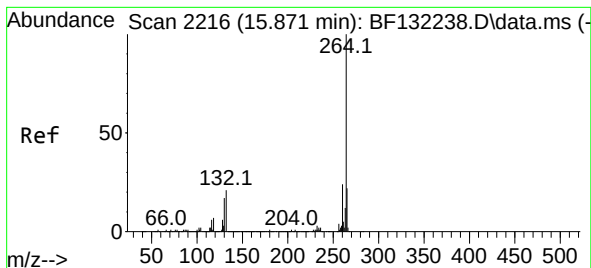
Tgt Ion:228 Resp: 1600742
Ion Ratio Lower Upper
228 100
226 30.3 22.0 33.0
229 21.7 15.8 23.6



#83
Chrysene
Concen: 94.189 ng
RT: 14.324 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:228 Resp: 1330195
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.3 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.889 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

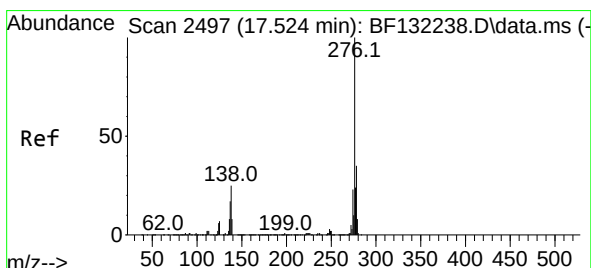
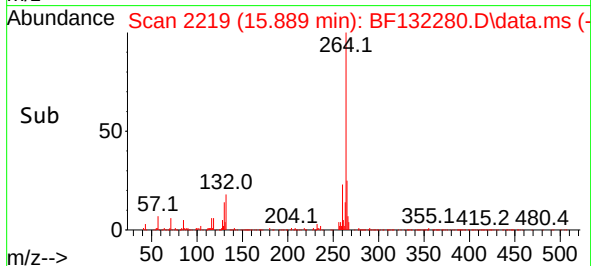
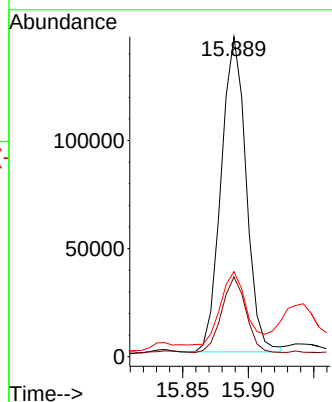
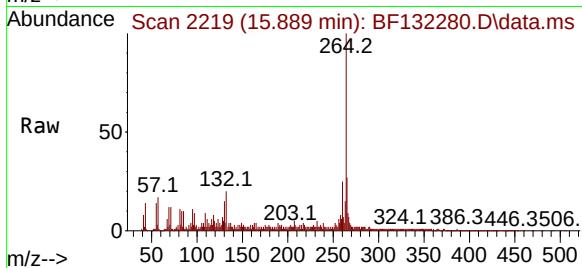
Tgt Ion:264 Resp: 192734

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 26.6 17.4 26.2#



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.296 ng

RT: 17.365 min Scan# 2470

Delta R.T. -0.159 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

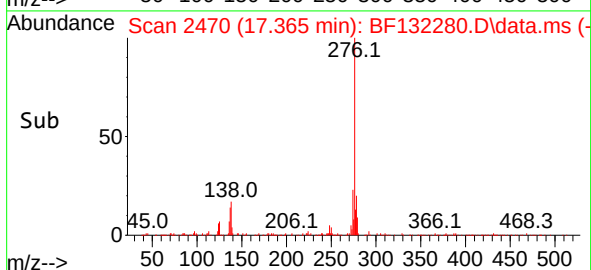
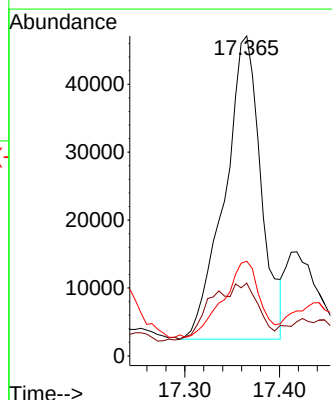
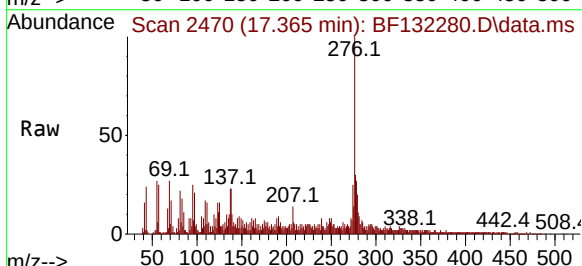
Tgt Ion:276 Resp: 119045

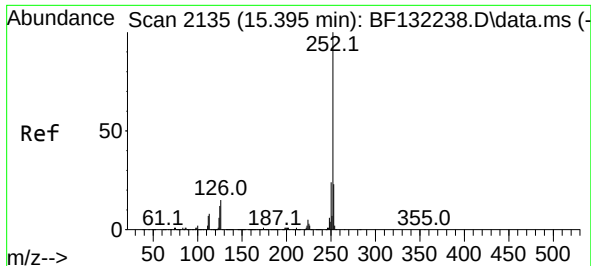
Ion Ratio Lower Upper

276 100

138 25.2 23.3 34.9

277 25.0 20.0 30.0

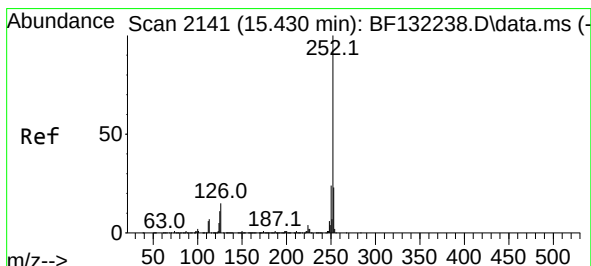
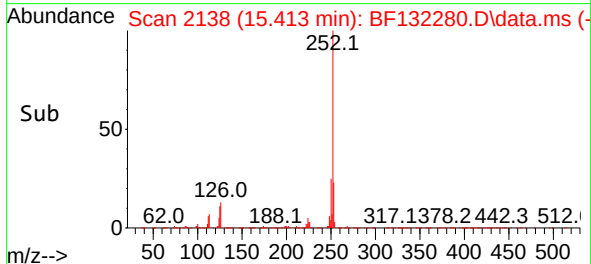
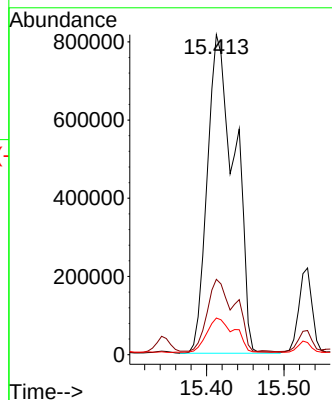
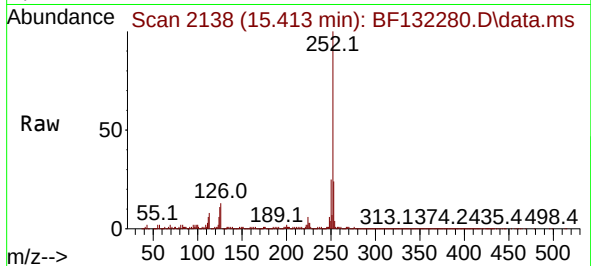




#88
Benzo(b)fluoranthene
Concen: 163.673 ng
RT: 15.413 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

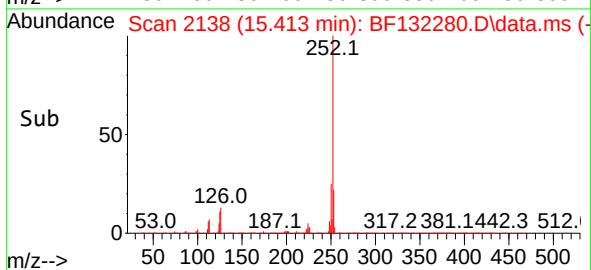
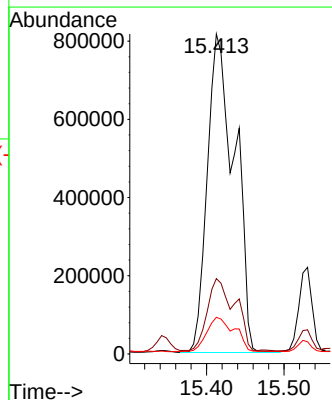
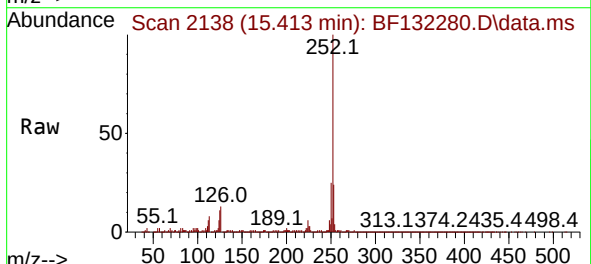
Instrument :
BNA_F
ClientSampleId :
JC-3-13123-B

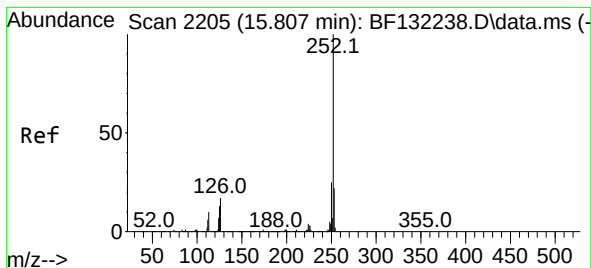
Tgt Ion:252 Resp: 2005169
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 11.4 9.6 14.4



#89
Benzo(k)fluoranthene
Concen: 171.471 ng
RT: 15.413 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BF132280.D
Acq: 02 Feb 2023 01:51

Tgt Ion:252 Resp: 2005169
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 11.4 9.0 13.6





#90

Benzo(a)pyrene

Concen: 101.313 ng

RT: 15.830 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B

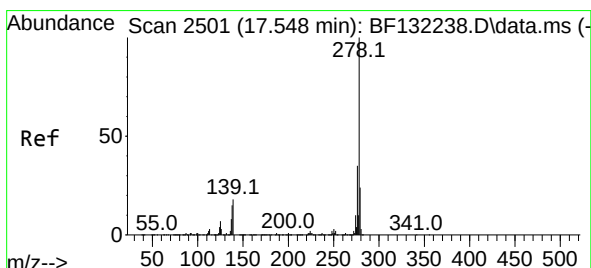
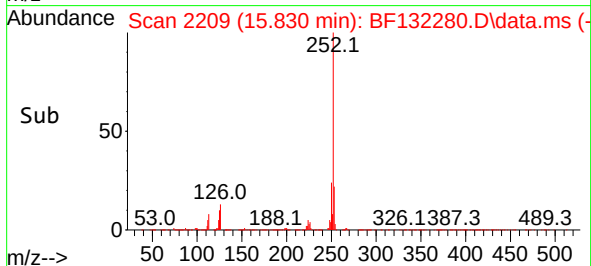
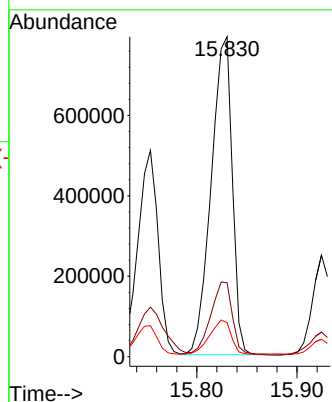
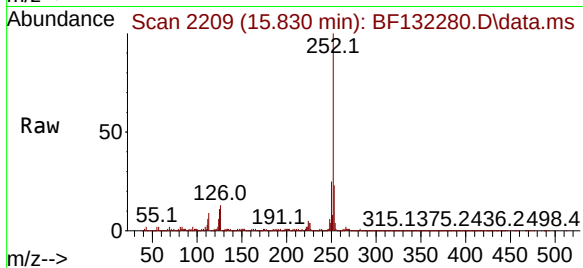
Tgt Ion:252 Resp: 1155794

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 10.7 10.2 15.4



#91

Dibenzo(a,h)anthracene

Concen: 13.852 ng

RT: 17.748 min Scan# 2535

Delta R.T. 0.200 min

Lab File: BF132280.D

Acq: 02 Feb 2023 01:51

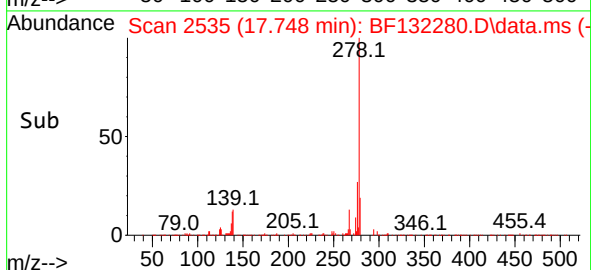
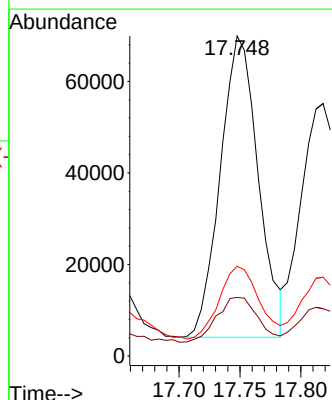
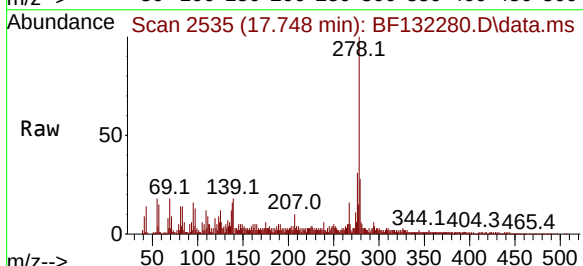
Tgt Ion:278 Resp: 142619

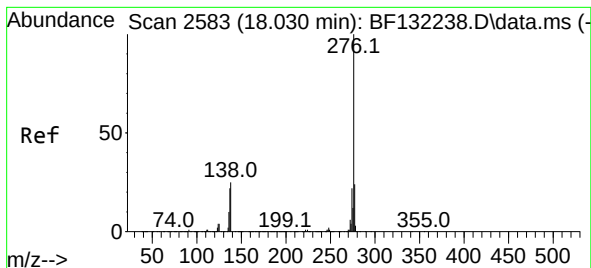
Ion Ratio Lower Upper

278 100

139 18.3 14.2 21.2

279 28.0 19.6 29.4





#92

Benzo(g,h,i)perylene

Concen: 56.703 ng

RT: 18.059 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF132280.D

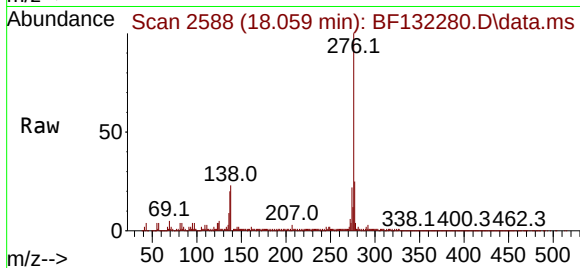
Acq: 02 Feb 2023 01:51

Instrument :

BNA_F

ClientSampleId :

JC-3-13123-B



Tgt Ion:276 Resp: 603149

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 22.9 20.3 30.5

