

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132279.D
 Acq On : 02 Feb 2023 01:20
 Operator : CG\JU
 Sample : 01358-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

Quant Time: Feb 02 03:59:35 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

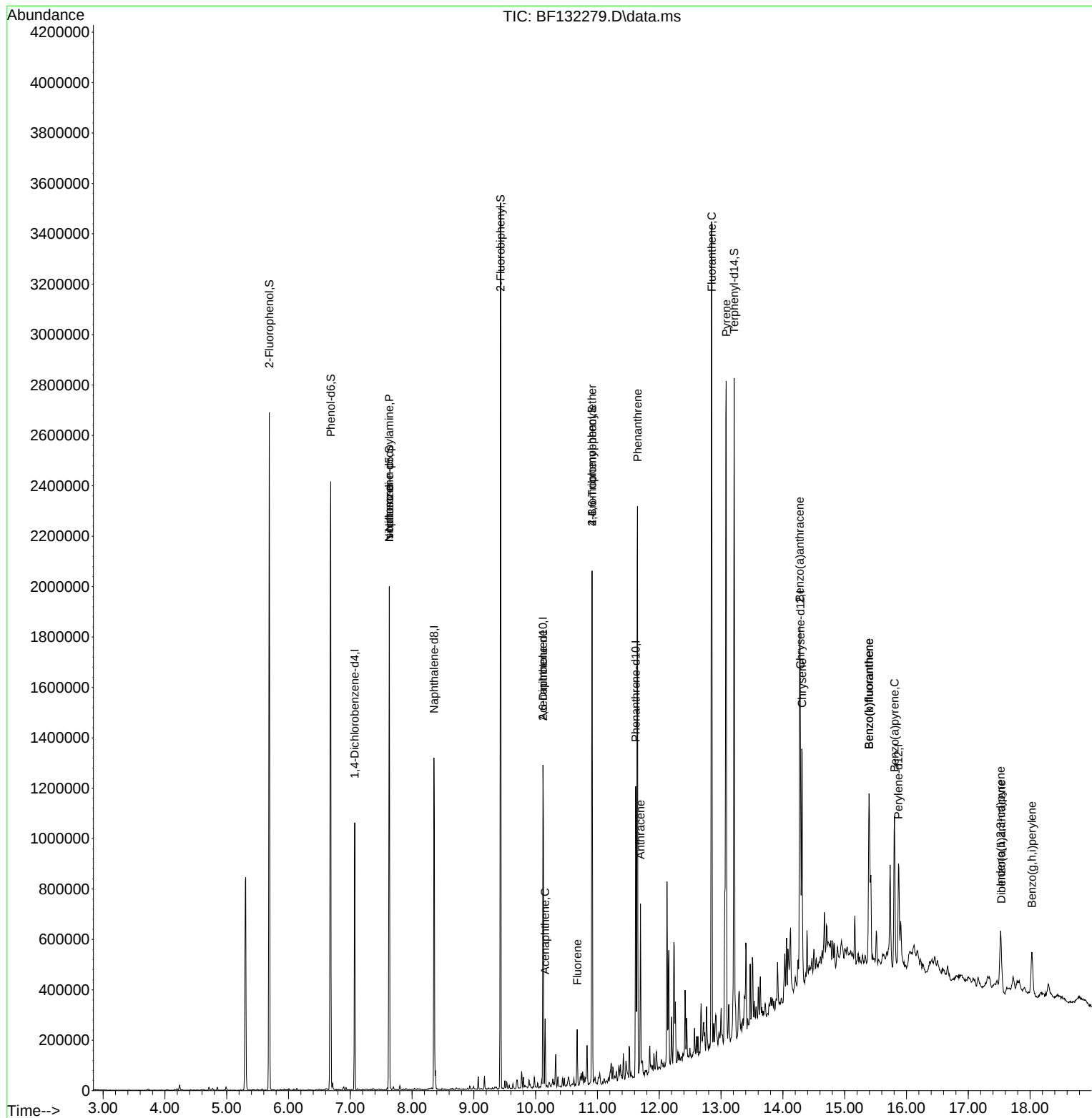
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	151307	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	550461	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	244826	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	415769	20.000	ng	0.00
76) Chrysene-d12	14.283	240	229608	20.000	ng	0.00
86) Perylene-d12	15.871	264	189952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	810026	86.052	ng	0.00
7) Phenol-d6	6.684	99	981701	84.592	ng	0.00
23) Nitrobenzene-d5	7.631	82	604058	61.065	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	218006	86.589	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	975688	61.542	ng	0.00
79) Terphenyl-d14	13.213	244	854277	71.971	ng	0.00
Target Compounds						
9) Benzaldehyde	6.619	77	596	Below Cal		Qvalue # 72
19) n-Nitroso-di-n-propyla...	7.631	70	74312	11.273	ng	# 78
25) Isophorone	7.631	82	602573	32.094	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	33466	8.750	ng	# 24
52) Acenaphthene	10.154	154	51316	3.494	ng	99
58) Fluorene	10.672	166	53661	3.378	ng	97
67) 4-Bromophenyl-phenylether	10.913	248	13434	3.155	ng	# 1
71) Phenanthrene	11.648	178	853272	39.274	ng	99
72) Anthracene	11.695	178	232631	10.521	ng	98
75) Fluoranthene	12.848	202	1257010	56.696	ng	98
78) Pyrene	13.083	202	1158633	62.739	ng	100
81) Benzo(a)anthracene	14.271	228	487648	30.366	ng	98
83) Chrysene	14.313	228	392375	26.093	ng	98
87) Indeno(1,2,3-cd)pyrene	17.524	276	168510	13.351	ng	# 93
88) Benzo(b)fluoranthene	15.395	252	555737	46.027	ng	99
89) Benzo(k)fluoranthene	15.395	252	555737	48.219	ng	99
90) Benzo(a)pyrene	15.807	252	301277	26.796	ng	98
91) Dibenzo(a,h)anthracene	17.536	278	42444	4.183	ng	# 83
92) Benzo(g,h,i)perylene	18.030	276	164317	15.674	ng	98

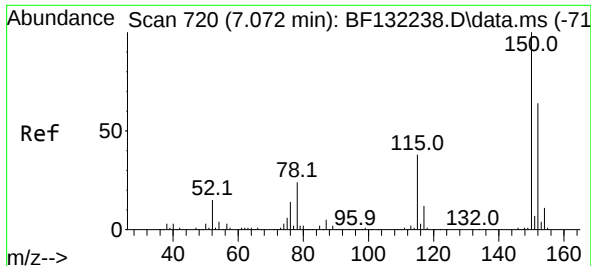
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

Quant Time: Feb 02 03:59:35 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

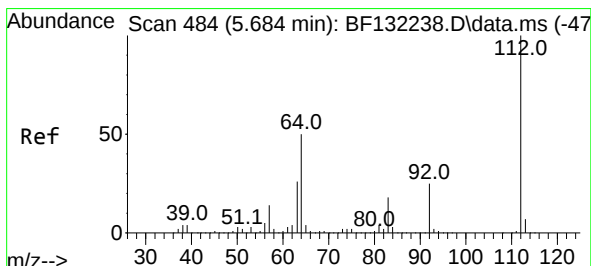
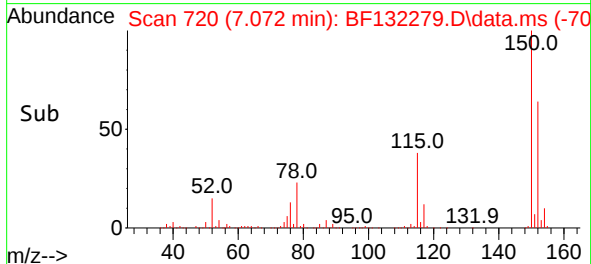
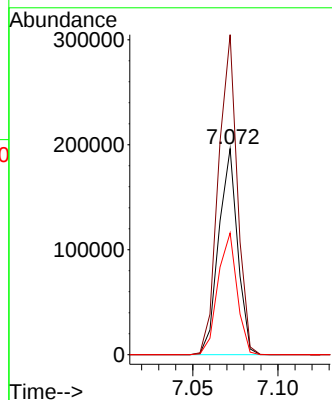
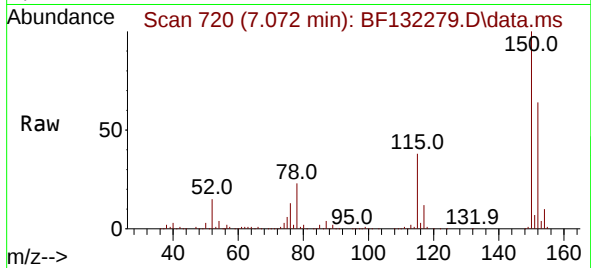




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.072 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

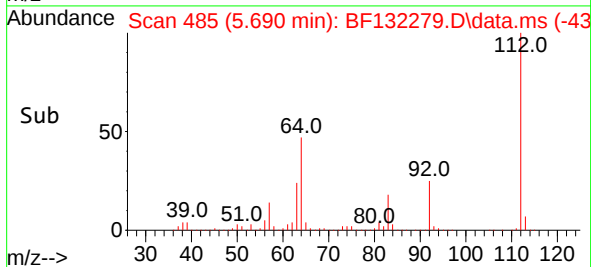
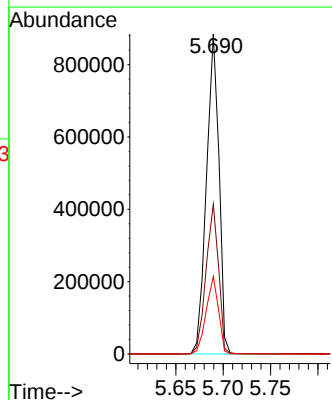
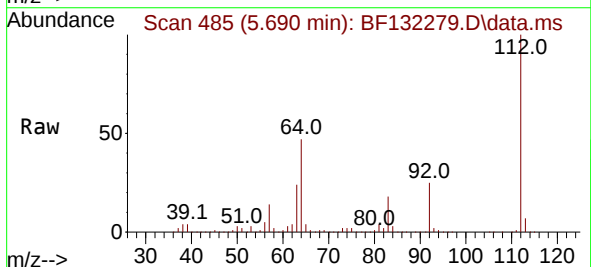
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

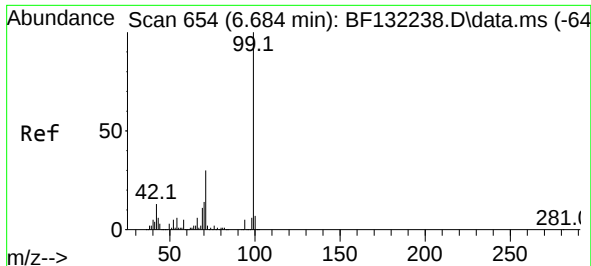
Tgt Ion:152 Resp: 151307
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 59.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 86.052 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

Tgt Ion:112 Resp: 810026
 Ion Ratio Lower Upper
 112 100
 64 46.8 40.0 60.0
 63 24.2 20.5 30.7

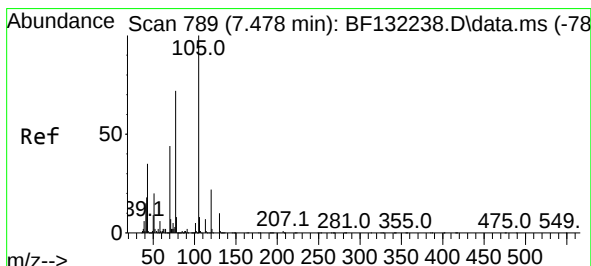
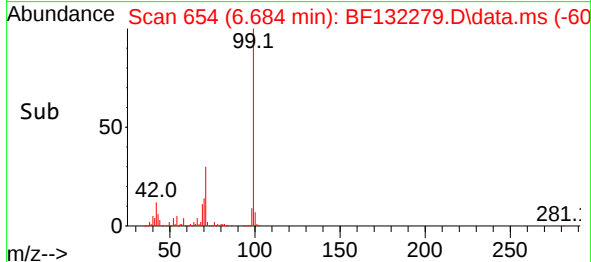
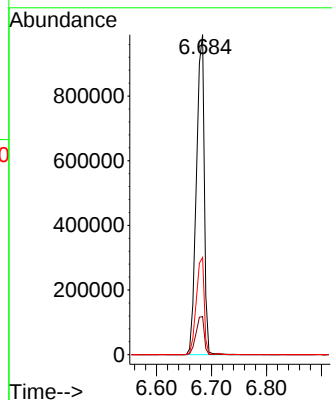
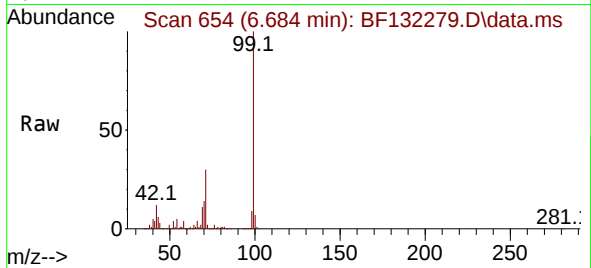




#7
Phenol-d6
Concen: 84.592 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

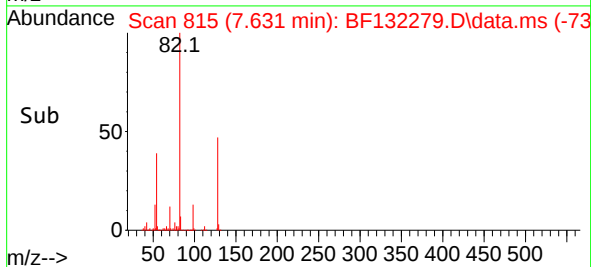
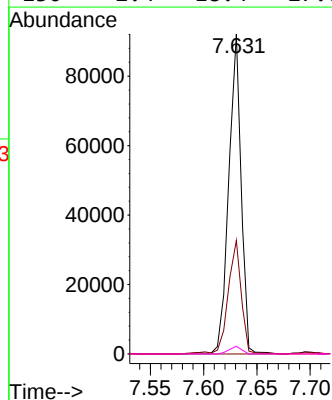
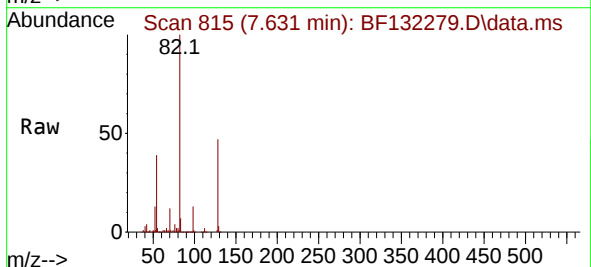
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

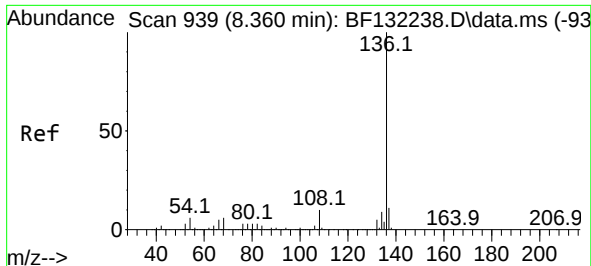
Tgt Ion: 99 Resp: 981701
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 30.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.273 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion: 70 Resp: 74312
Ion Ratio Lower Upper
70 100
42 35.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.4 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.354 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

Tgt Ion:136 Resp: 550461

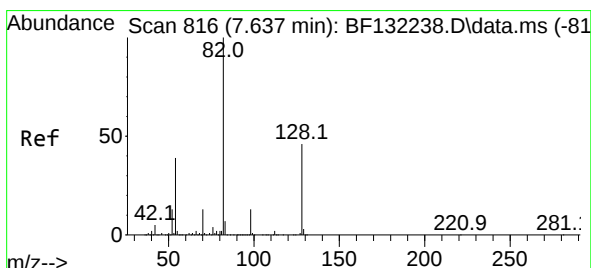
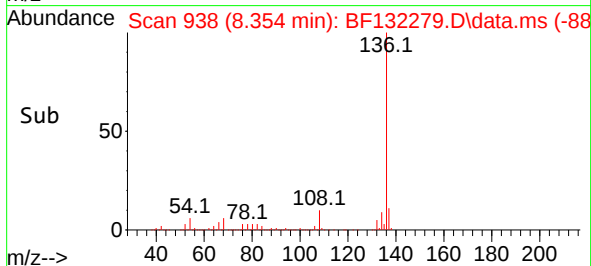
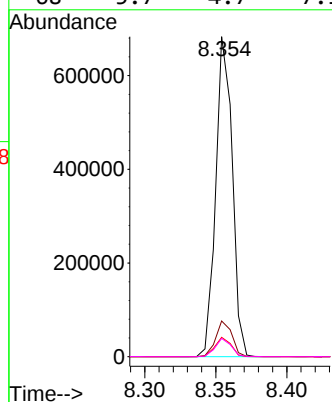
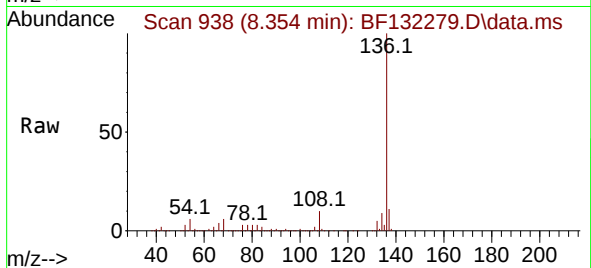
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.0 4.9 7.3

68 5.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 61.065 ng

RT: 7.631 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

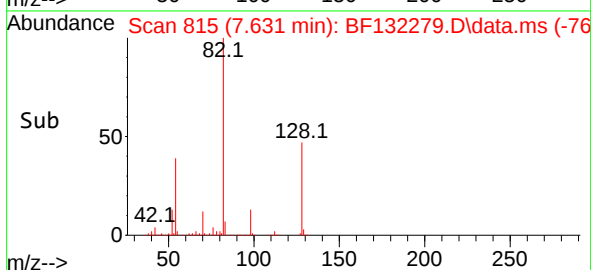
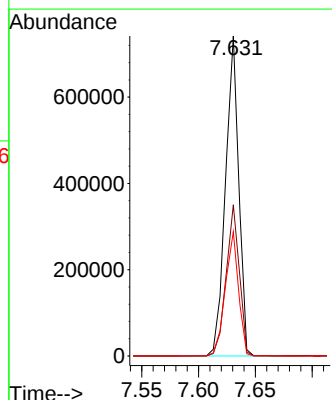
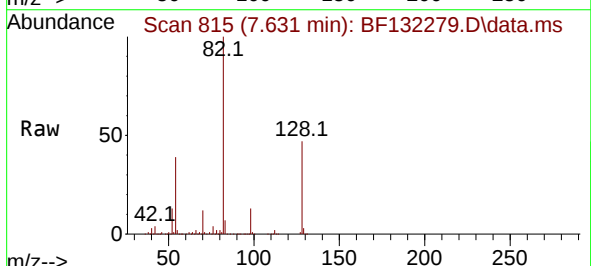
Tgt Ion: 82 Resp: 604058

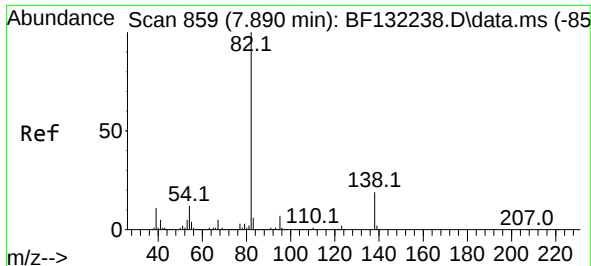
Ion Ratio Lower Upper

82 100

128 47.2 37.0 55.4

54 38.8 31.5 47.3

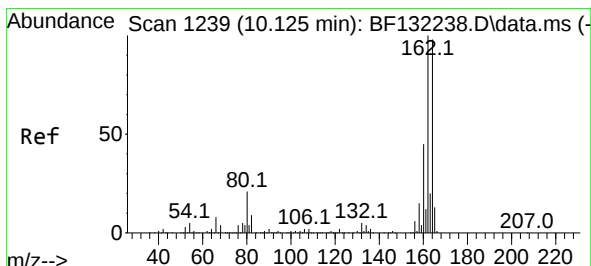
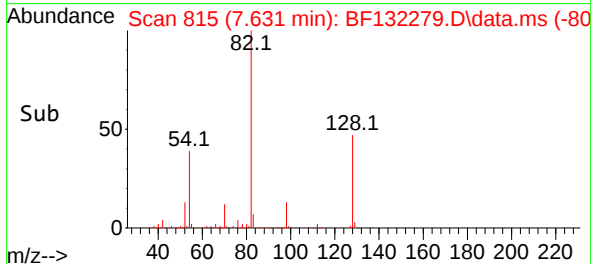
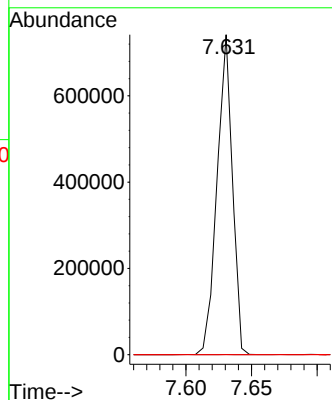
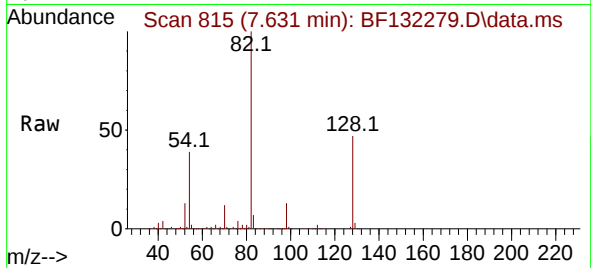




#25
Isophorone
Concen: 32.094 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

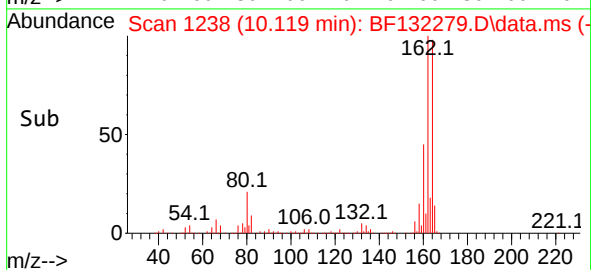
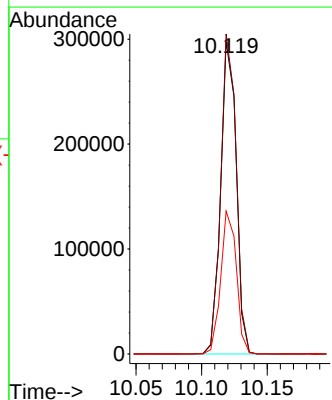
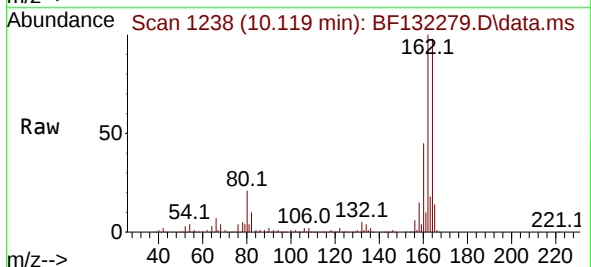
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

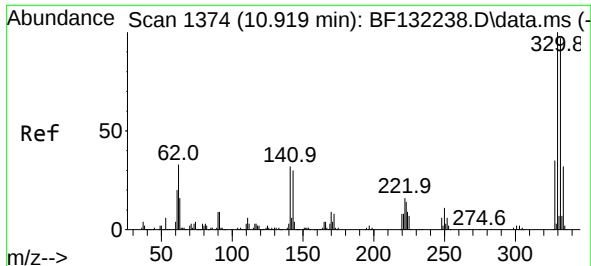
Tgt Ion: 82 Resp: 602573
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion:164 Resp: 244826
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.8 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 86.589 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

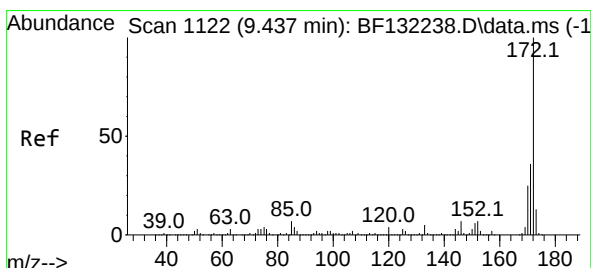
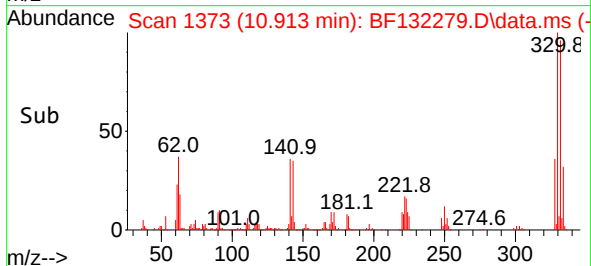
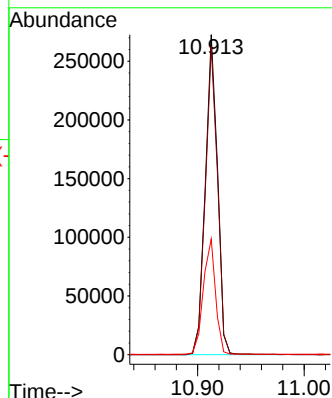
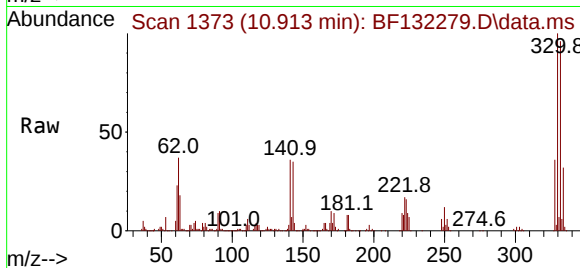
Tgt Ion:330 Resp: 218006

Ion Ratio Lower Upper

330 100

332 96.5 77.9 116.9

141 36.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 61.542 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

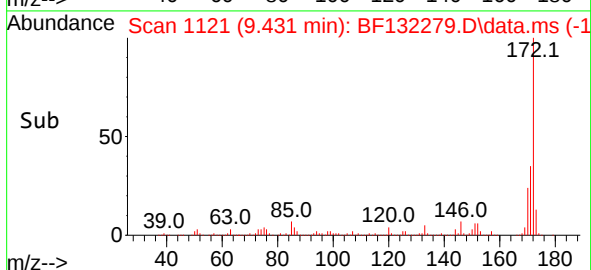
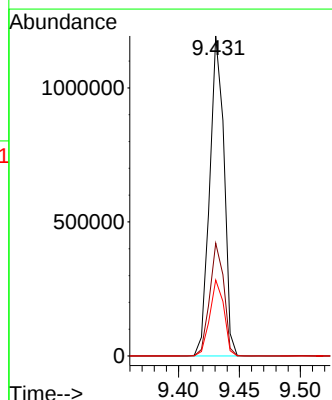
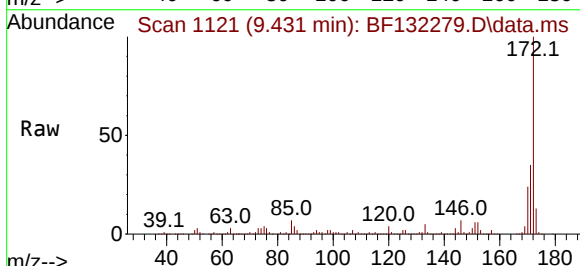
Tgt Ion:172 Resp: 975688

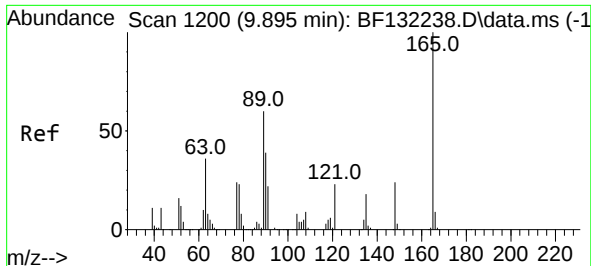
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.7 29.5

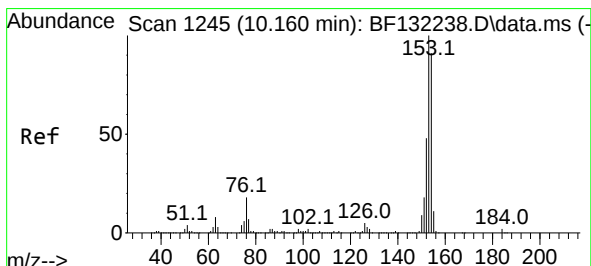
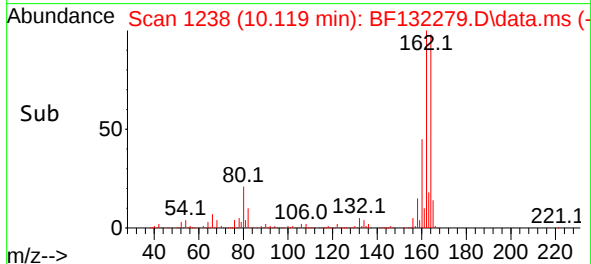
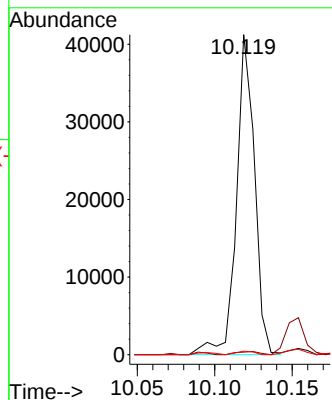
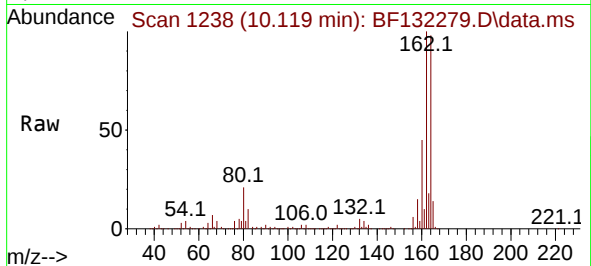




#51
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

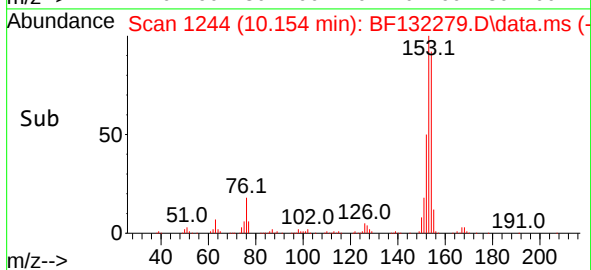
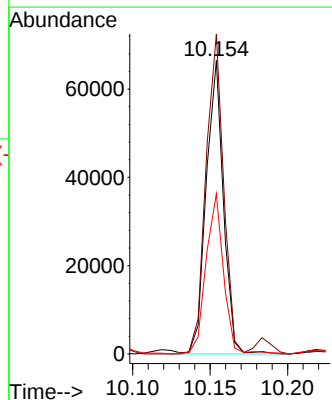
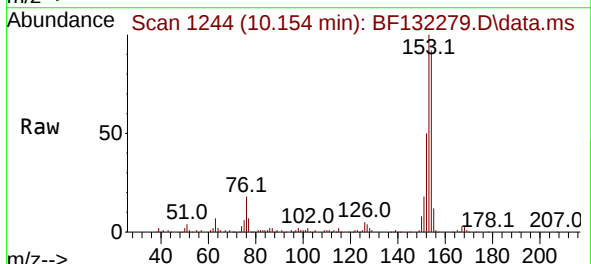
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

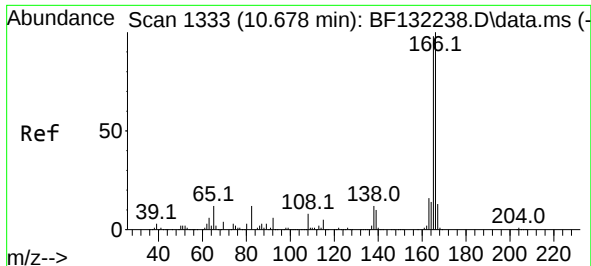
Tgt Ion:165 Resp: 33466
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.1 48.1 72.1#



#52
Acenaphthene
Concen: 3.494 ng
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion:154 Resp: 51316
Ion Ratio Lower Upper
154 100
153 109.1 88.3 132.5
152 54.6 42.7 64.1

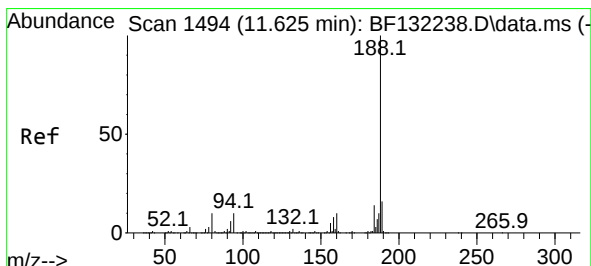
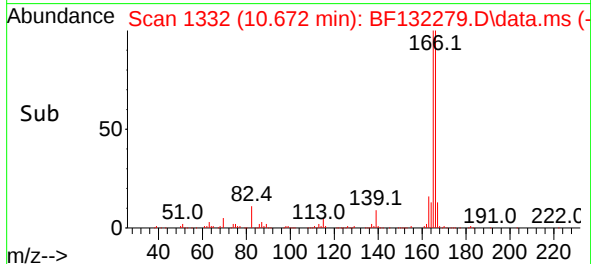
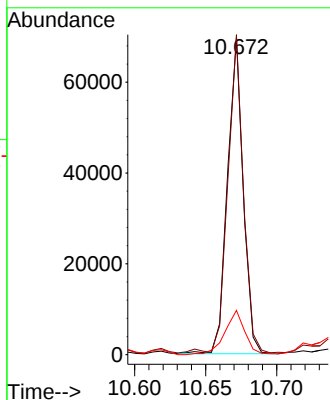
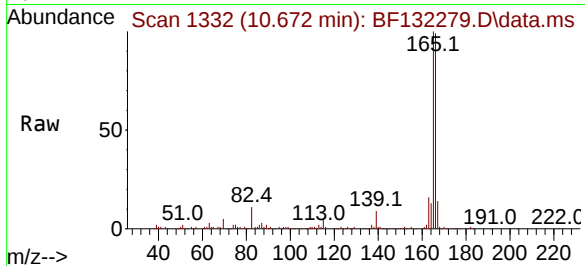




#58
Fluorene
Concen: 3.378 ng
RT: 10.672 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

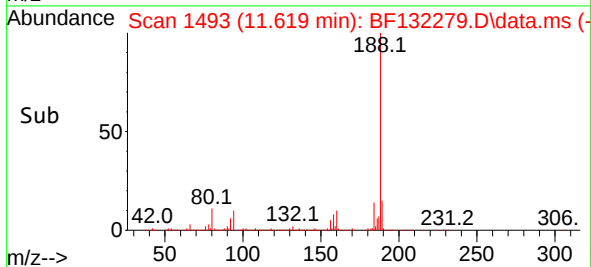
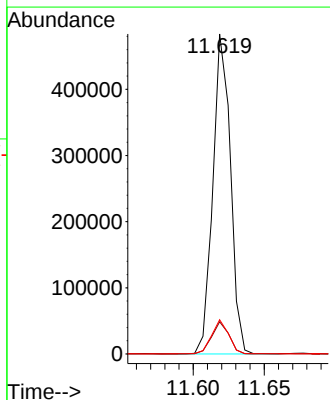
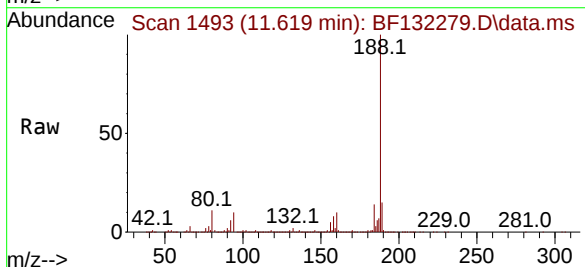
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

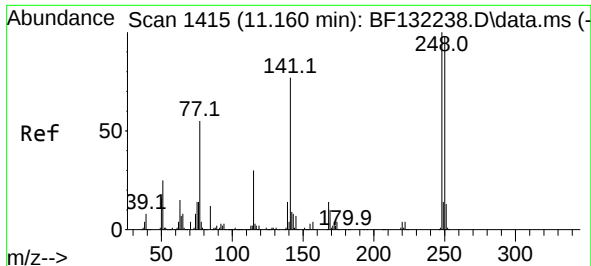
Tgt Ion:166 Resp: 53661
Ion Ratio Lower Upper
166 100
165 100.9 78.0 117.0
167 14.0 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion:188 Resp: 415769
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.7 8.3 12.5

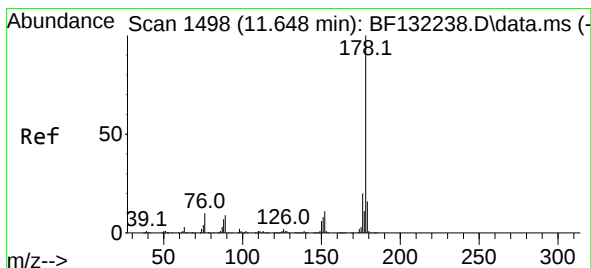
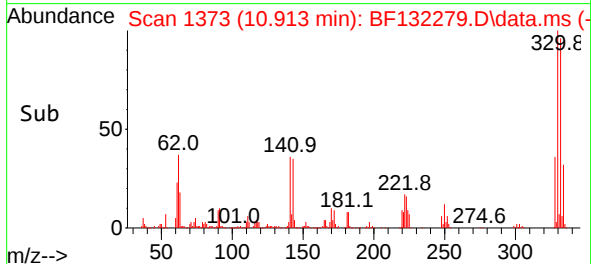
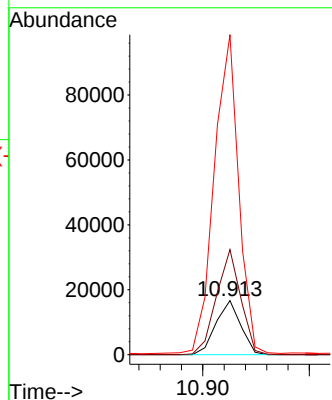
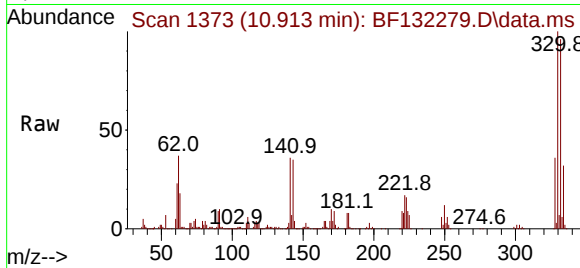




#67
4-Bromophenyl-phenylether
Concen: 3.155 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

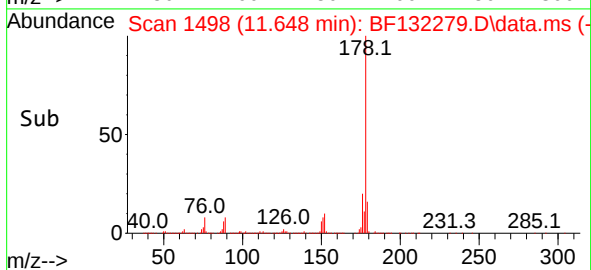
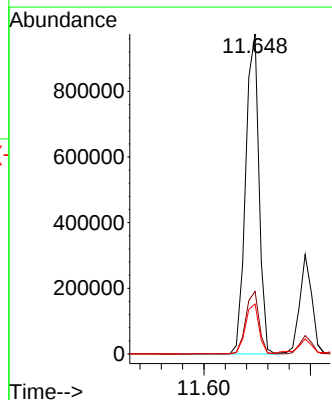
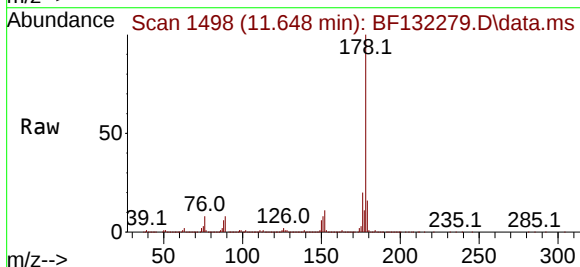
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

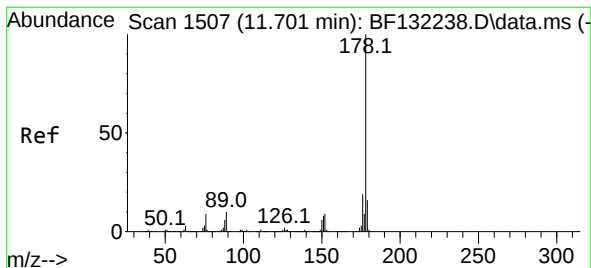
Tgt Ion:248 Resp: 13434
Ion Ratio Lower Upper
248 100
250 194.6 78.6 117.8#
141 591.9 61.6 92.4#



#71
Phenanthrene
Concen: 39.274 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion:178 Resp: 853272
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.6 12.8 19.2





#72

Anthracene

Concen: 10.521 ng

RT: 11.695 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

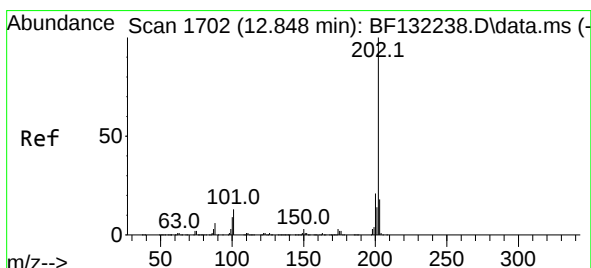
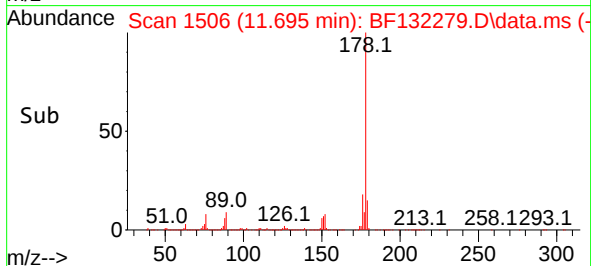
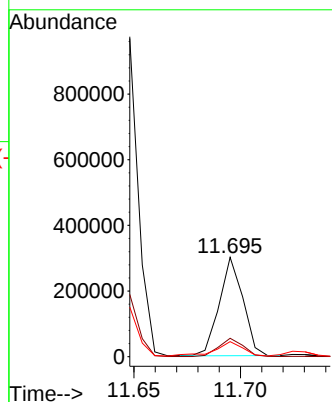
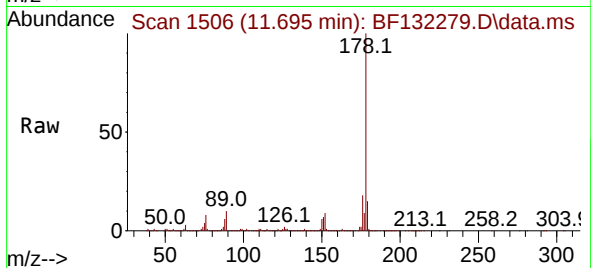
Tgt Ion:178 Resp: 232631

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.2 12.8 19.2



#75

Fluoranthene

Concen: 56.696 ng

RT: 12.848 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

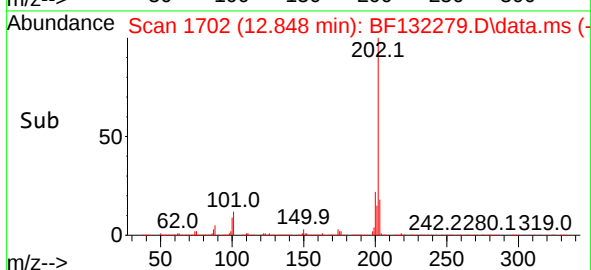
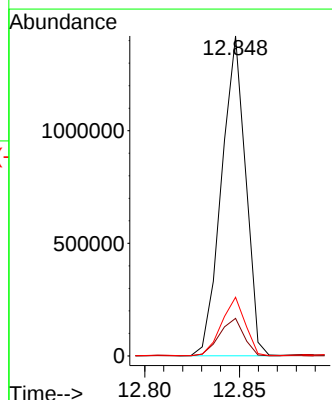
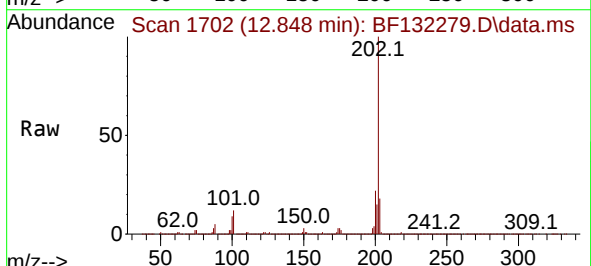
Tgt Ion:202 Resp: 1257010

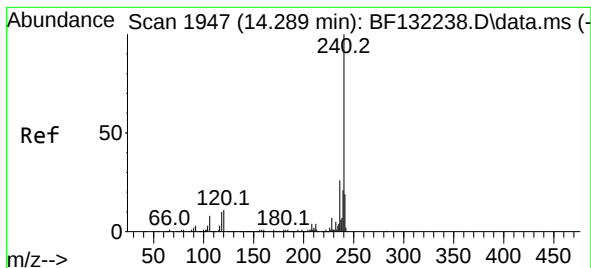
Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.7

203 18.4 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.283 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

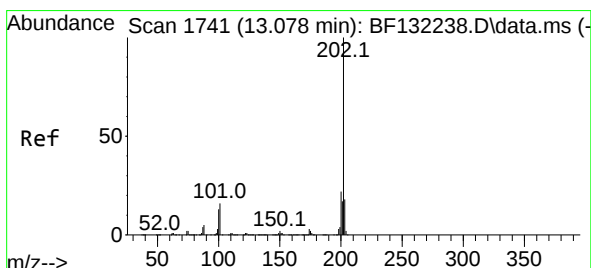
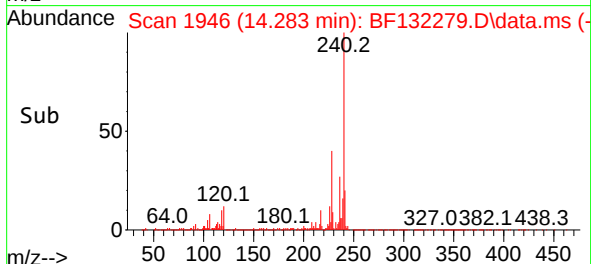
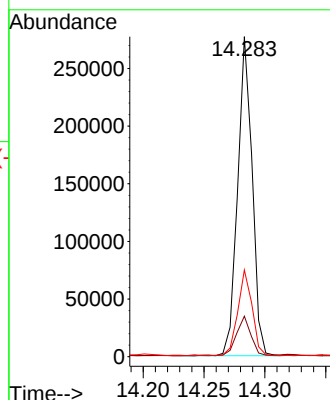
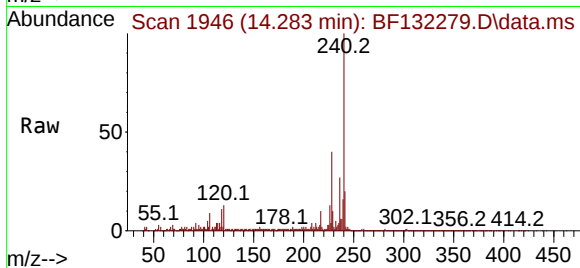
Tgt Ion:240 Resp: 229608

Ion Ratio Lower Upper

240 100

120 12.6 8.8 13.2

236 27.1 21.0 31.6



#78

Pyrene

Concen: 62.739 ng

RT: 13.083 min Scan# 1742

Delta R.T. 0.006 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

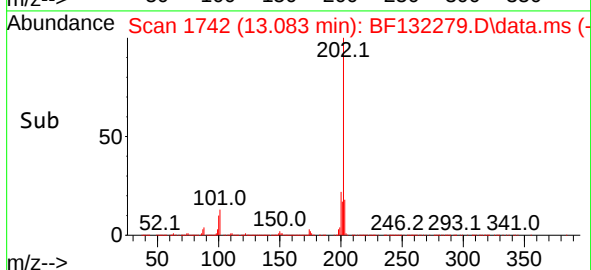
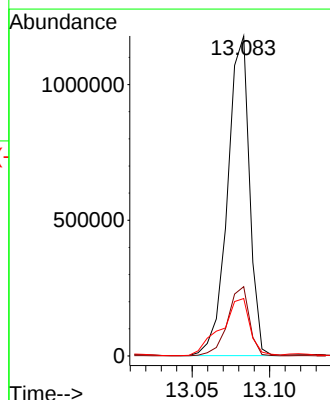
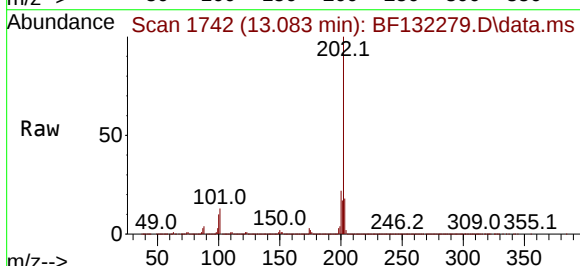
Tgt Ion:202 Resp: 1158633

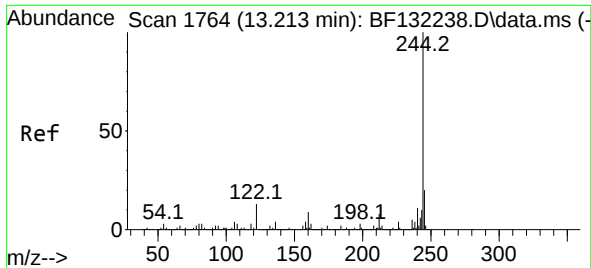
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 17.9 14.4 21.6

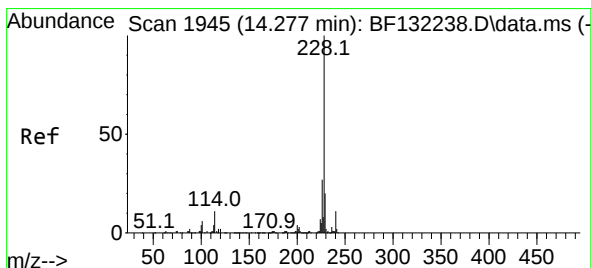
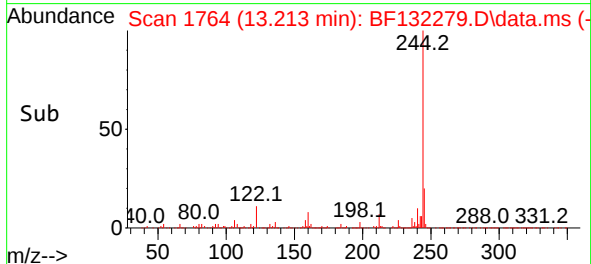
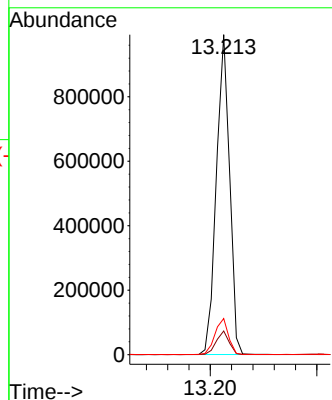
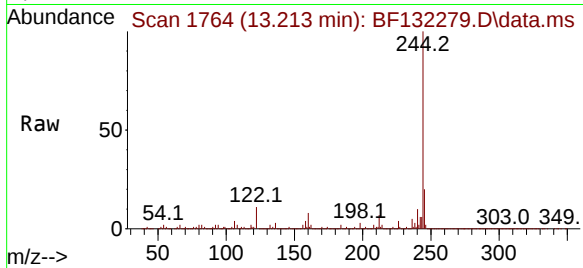




#79
 Terphenyl-d14
 Concen: 71.971 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

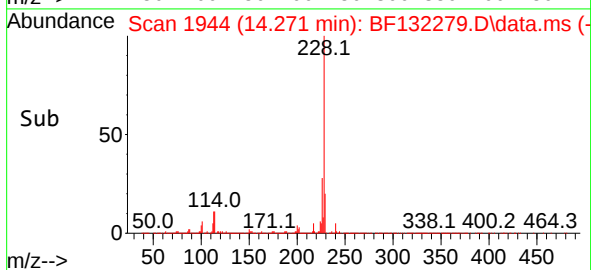
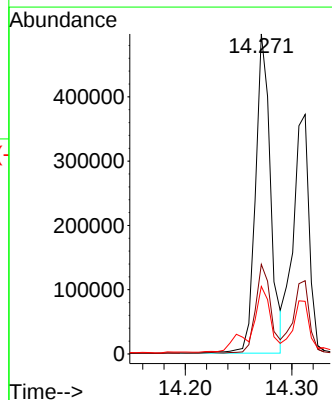
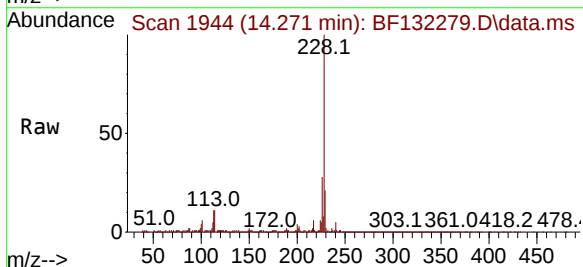
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

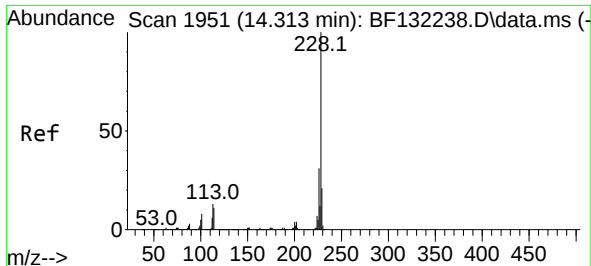
Tgt Ion:244 Resp: 854277
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 11.3 10.5 15.7



#81
 Benzo(a)anthracene
 Concen: 30.366 ng
 RT: 14.271 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

Tgt Ion:228 Resp: 487648
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.0 33.0
 229 21.1 15.8 23.6

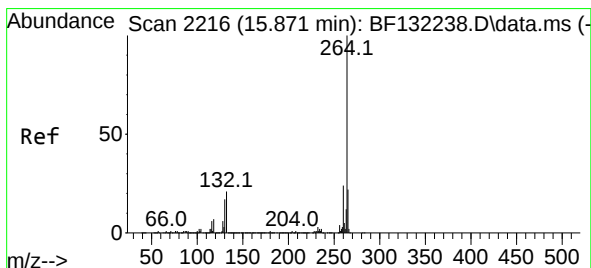
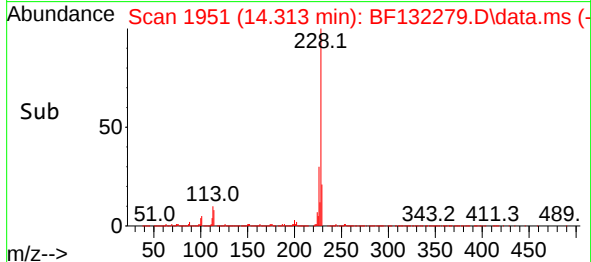
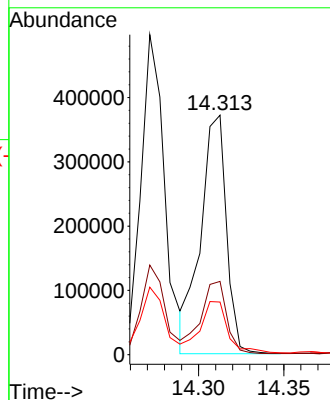
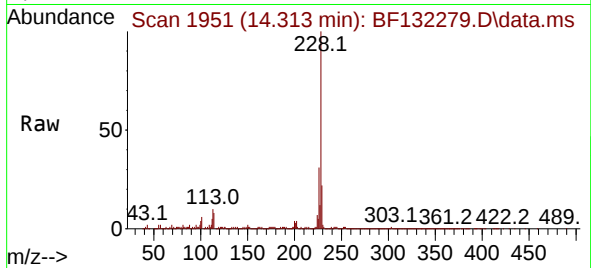




#83
Chrysene
Concen: 26.093 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

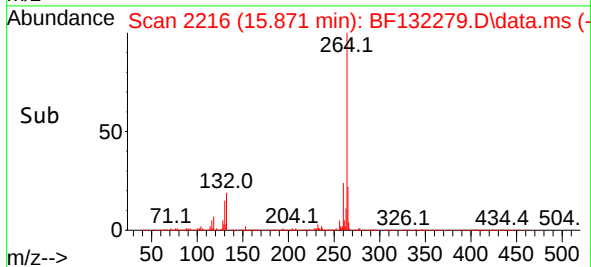
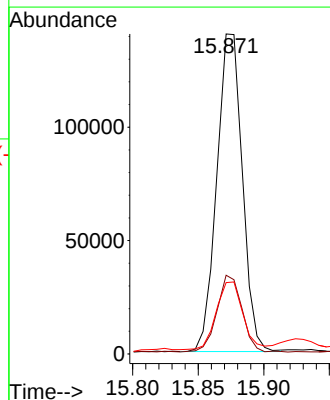
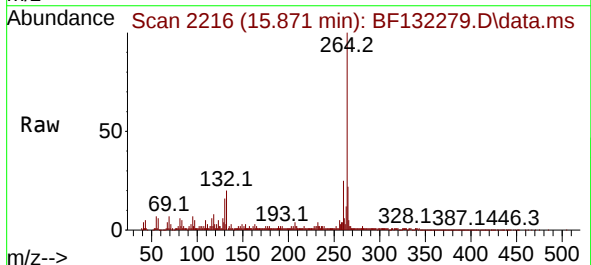
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

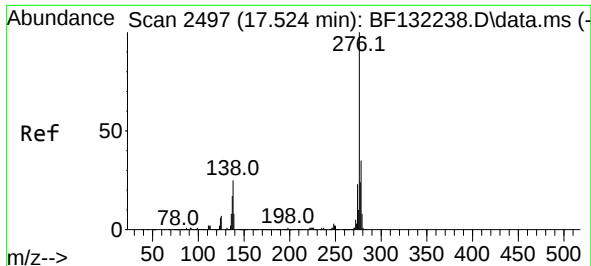
Tgt Ion:228 Resp: 392375
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.0 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.871 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF132279.D
Acq: 02 Feb 2023 01:20

Tgt Ion:264 Resp: 189952
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 22.3 17.4 26.2

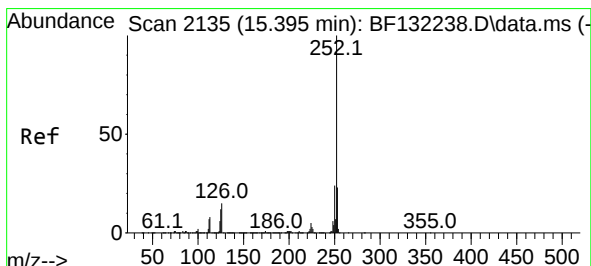
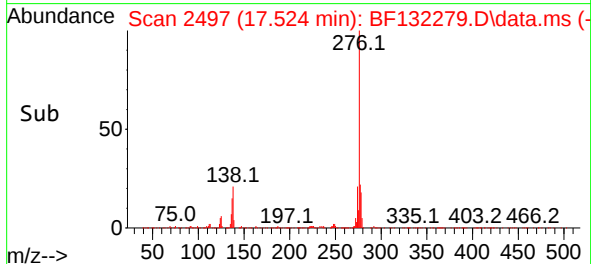
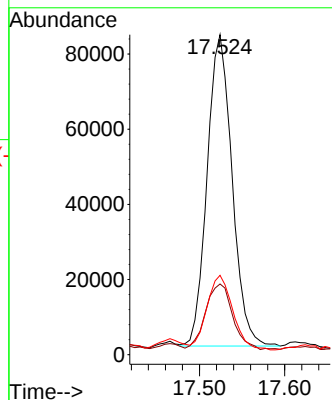
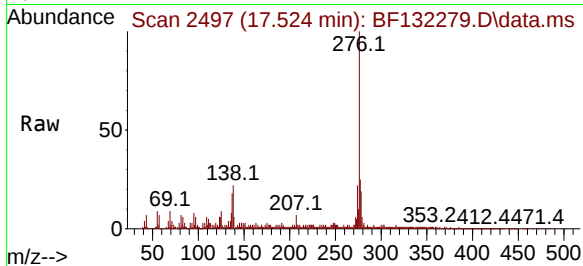




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 13.351 ng
 RT: 17.524 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

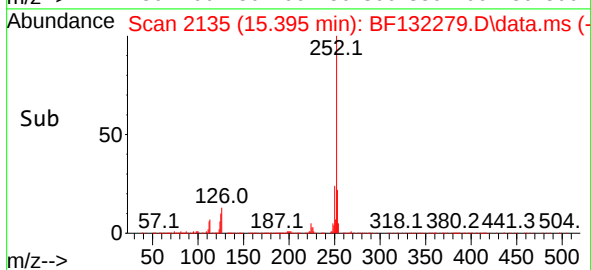
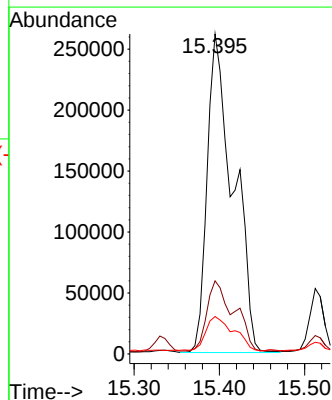
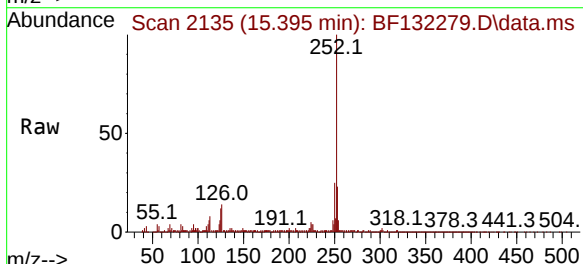
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

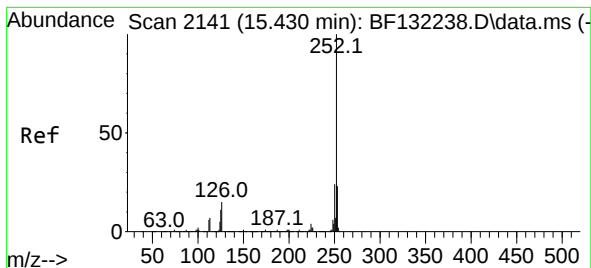
Tgt Ion:276 Resp: 168510
 Ion Ratio Lower Upper
 276 100
 138 22.3 23.3 34.9#
 277 24.7 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 46.027 ng
 RT: 15.395 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: BF132279.D
 Acq: 02 Feb 2023 01:20

Tgt Ion:252 Resp: 555737
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.1 27.1
 125 11.7 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.219 ng

RT: 15.395 min Scan# 2141

Delta R.T. -0.035 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNF_F

ClientSampleId :

JPP-11-012723

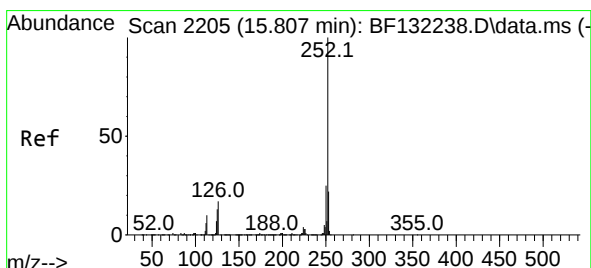
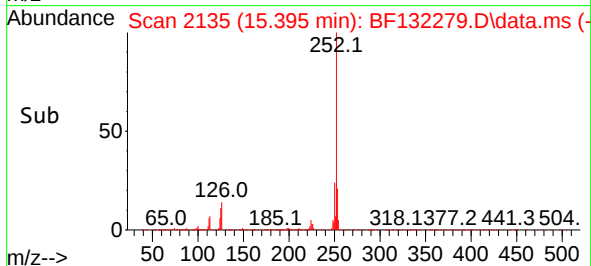
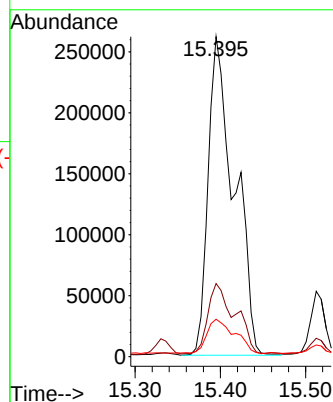
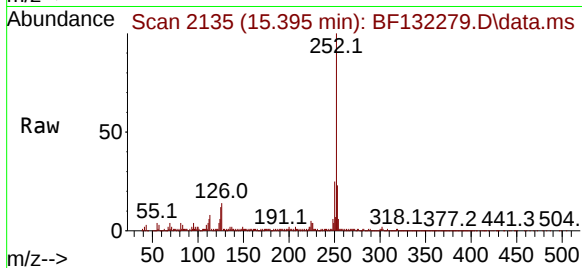
Tgt Ion:252 Resp: 555737

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 11.7 9.0 13.6



#90

Benzo(a)pyrene

Concen: 26.796 ng

RT: 15.807 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

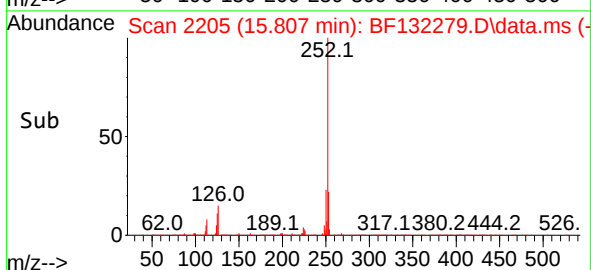
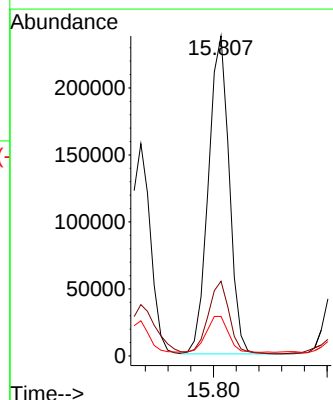
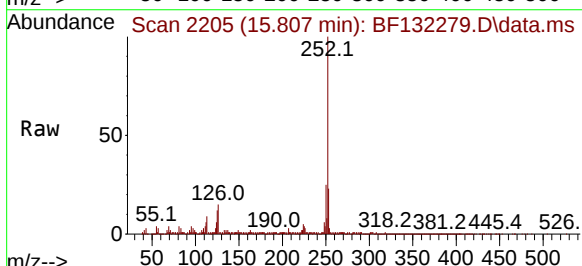
Tgt Ion:252 Resp: 301277

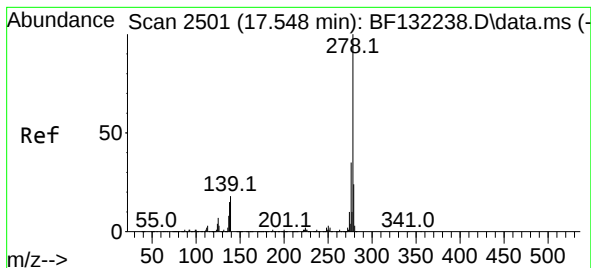
Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 12.3 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 4.183 ng

RT: 17.536 min Scan# 2499

Delta R.T. -0.012 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

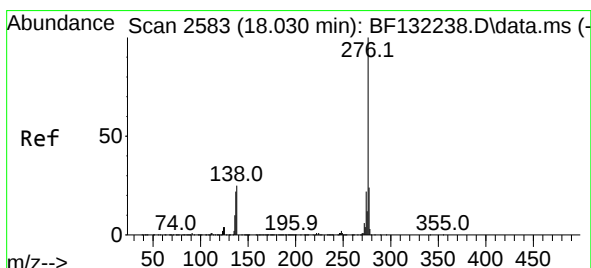
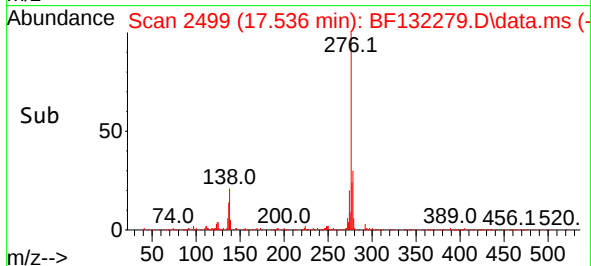
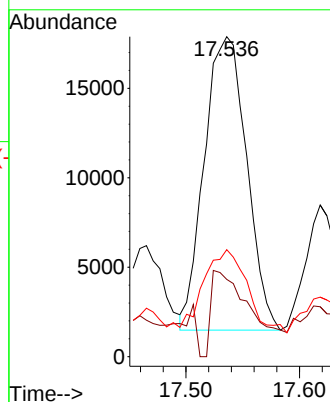
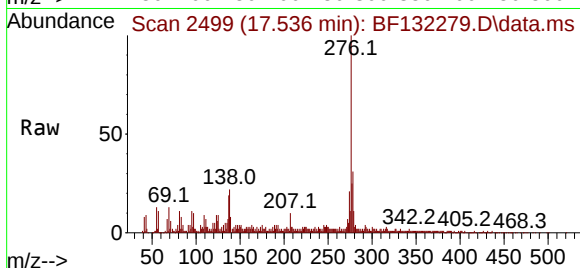
Tgt Ion:278 Resp: 42444

Ion Ratio Lower Upper

278 100

139 24.2 14.2 21.2#

279 33.4 19.6 29.4#



#92

Benzo(g,h,i)perylene

Concen: 15.674 ng

RT: 18.030 min Scan# 2583

Delta R.T. -0.000 min

Lab File: BF132279.D

Acq: 02 Feb 2023 01:20

Tgt Ion:276 Resp: 164317

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 23.8 20.3 30.5

