

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130349.D
 Acq On : 20 Sep 2022 17:49
 Operator : CG\JU
 Sample : N4702-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091622

Quant Time: Sep 21 05:16:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

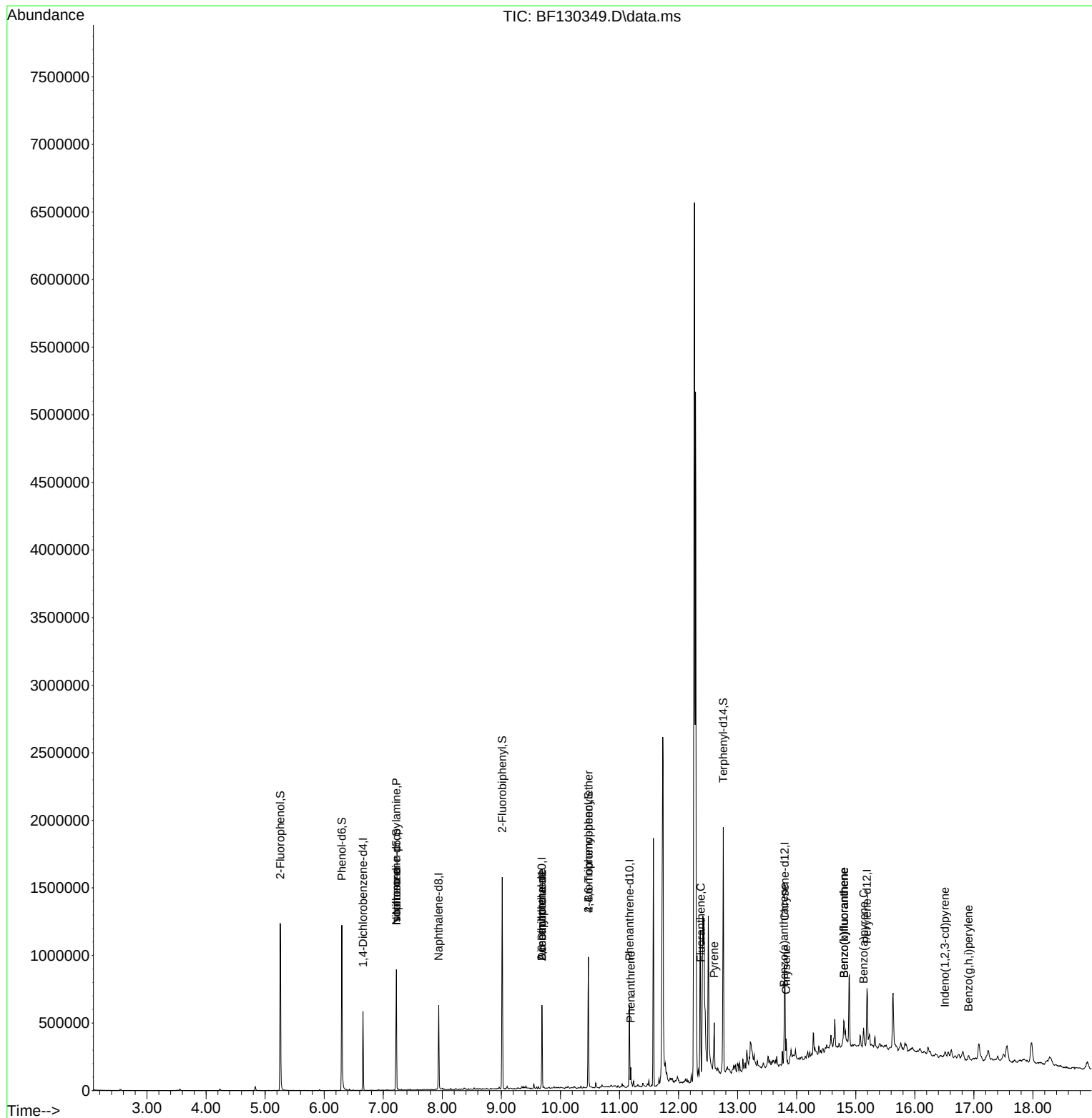
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	71303	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	236351	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	110889	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	201165	20.000	ng	0.00
76) Chrysene-d12	13.798	240	207605	20.000	ng	0.00
86) Perylene-d12	15.192	264	180479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	335455	81.600	ng	0.00
7) Phenol-d6	6.298	99	378667	73.617	ng	0.00
23) Nitrobenzene-d5	7.222	82	242790	52.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	99964	94.081	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	409221	53.739	ng	0.00
79) Terphenyl-d14	12.757	244	524288	41.833	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	33759	9.726	ng	# 75
25) Isophorone	7.222	82	241175	32.344	ng	# 66
50) Dimethylphthalate	9.686	163	21572	2.816	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	14973	9.347	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	6211	2.799	ng	# 1
71) Phenanthrene	11.192	178	49448	4.378	ng	97
75) Fluoranthene	12.374	202	98868	9.059	ng	97
78) Pyrene	12.604	202	112105	6.173	ng	99
81) Benzo(a)anthracene	13.786	228	66434	4.810	ng	94
83) Chrysene	13.821	228	72918	5.561	ng	97
87) Indeno(1,2,3-cd)pyrene	16.509	276	27840	2.175	ng	# 90
88) Benzo(b)fluoranthene	14.804	252	130983	11.119	ng	# 95
89) Benzo(k)fluoranthene	14.804	252	130983	11.304	ng	# 94
90) Benzo(a)pyrene	15.133	252	60121	6.442	ng	98
92) Benzo(g,h,i)perylene	16.909	276	28672	2.711	ng	98

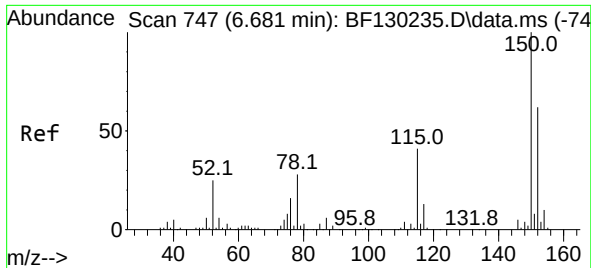
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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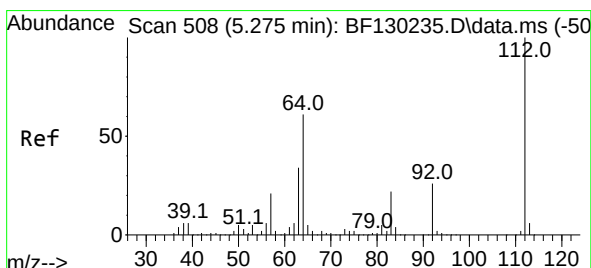
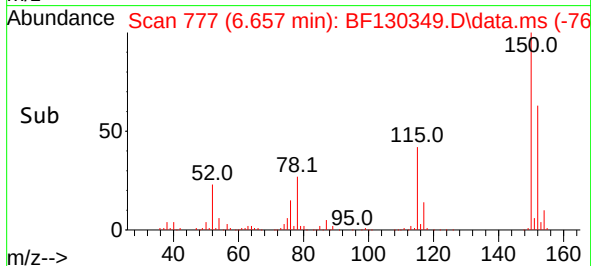
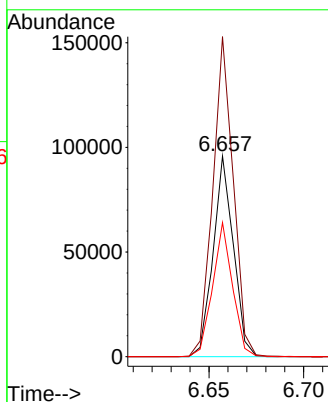
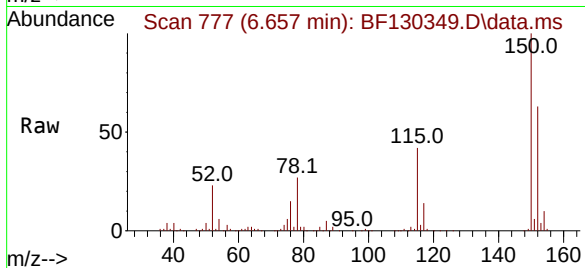




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130349.D
 Acq: 20 Sep 2022 17:49

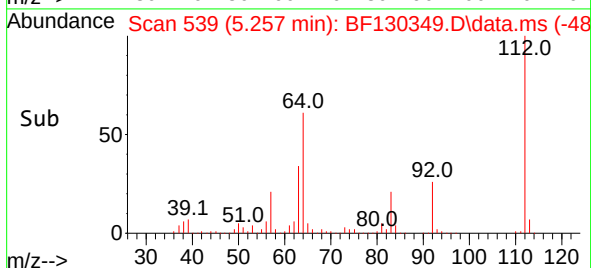
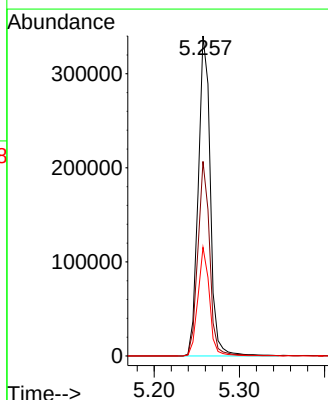
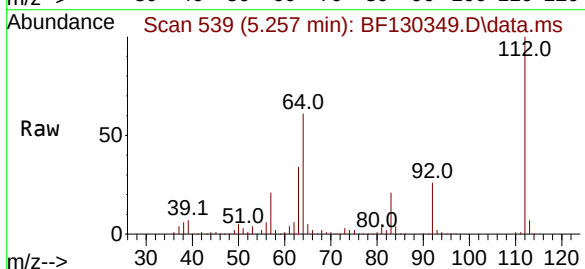
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091622

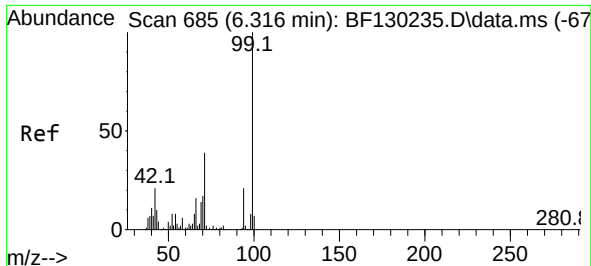
Tgt Ion:152 Resp: 71303
 Ion Ratio Lower Upper
 152 100
 150 159.5 122.8 184.2
 115 66.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 81.600 ng
 RT: 5.257 min Scan# 539
 Delta R.T. -0.000 min
 Lab File: BF130349.D
 Acq: 20 Sep 2022 17:49

Tgt Ion:112 Resp: 335455
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.4 77.0
 63 33.9 28.8 43.2

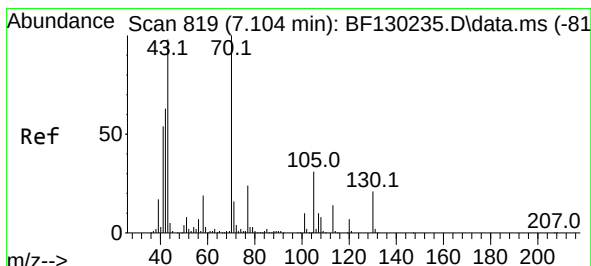
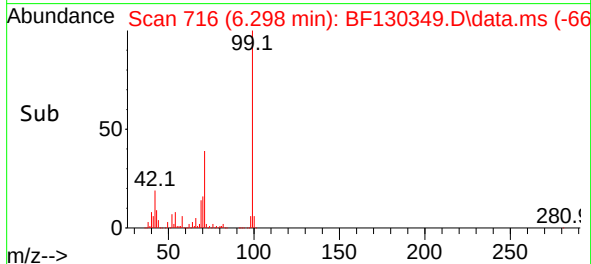
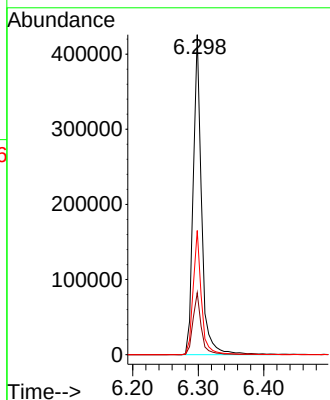
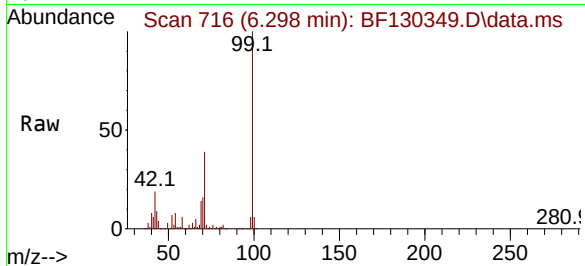




#7
Phenol-d6
Concen: 73.617 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

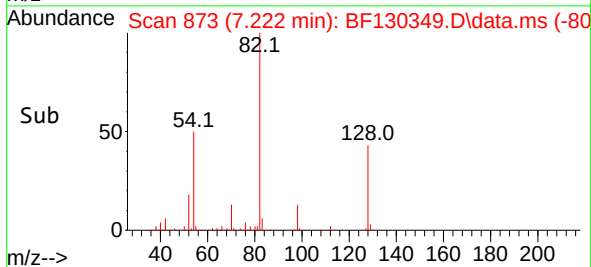
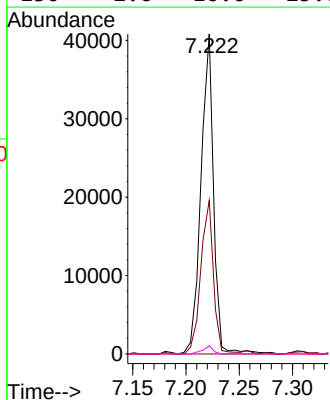
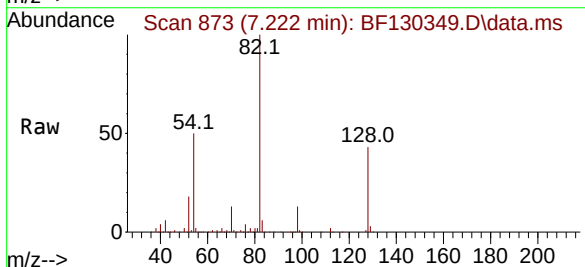
Instrument :
BNA_F
ClientSampleId :
BU-03-091622

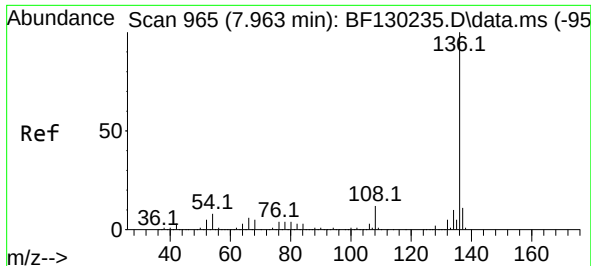
Tgt Ion: 99 Resp: 378667
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 38.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.726 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion: 70 Resp: 33759
Ion Ratio Lower Upper
70 100
42 48.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.6 16.6 25.0#

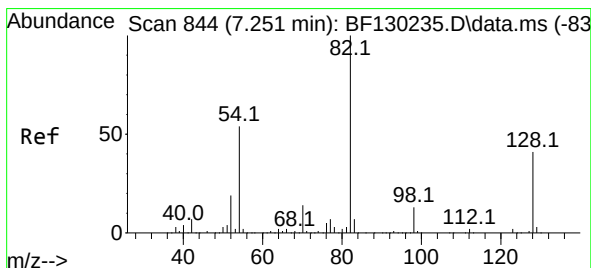
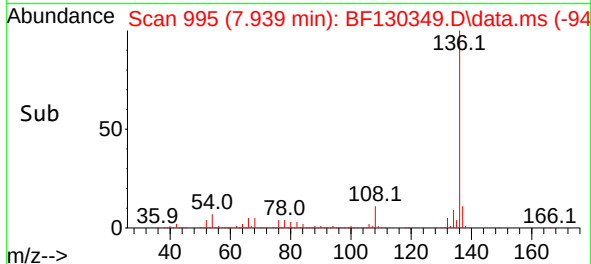
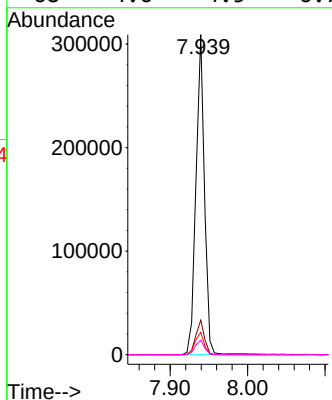
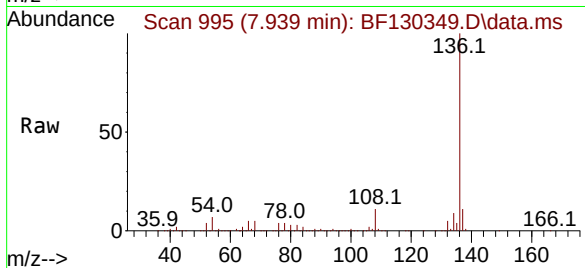




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

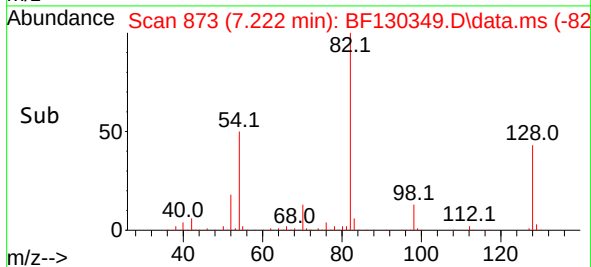
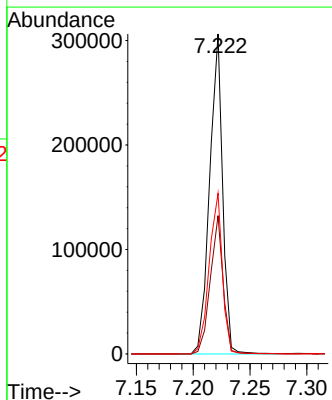
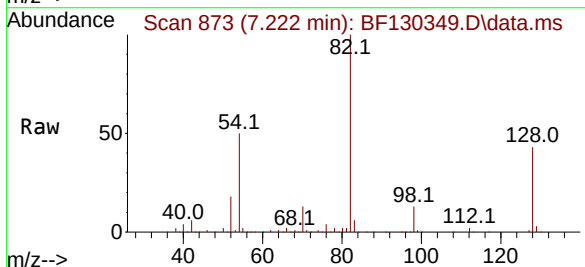
Instrument :
BNA_F
ClientSampleId :
BU-03-091622

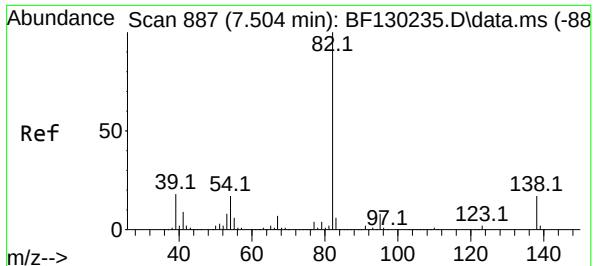
Tgt Ion:136 Resp: 236351
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.0 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 52.480 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion: 82 Resp: 242790
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.2 43.8 65.6

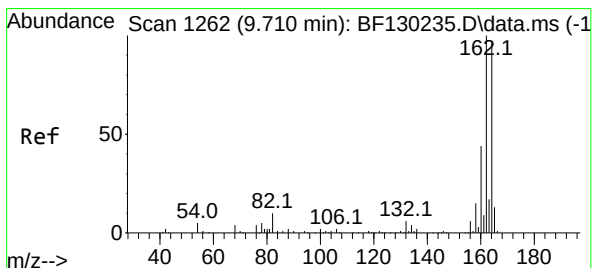
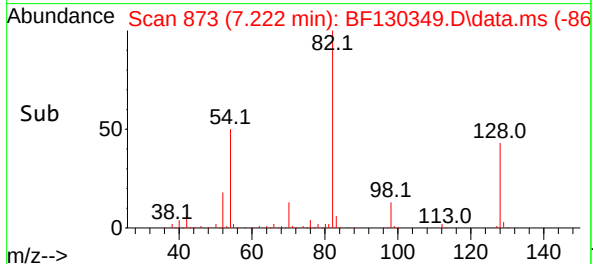
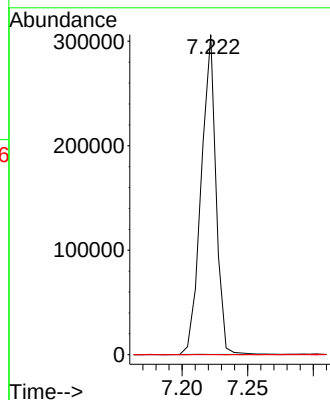
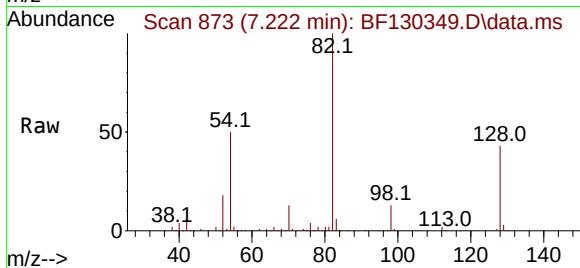




#25
Isophorone
Concen: 32.344 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

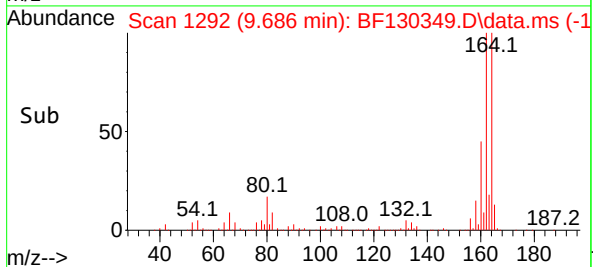
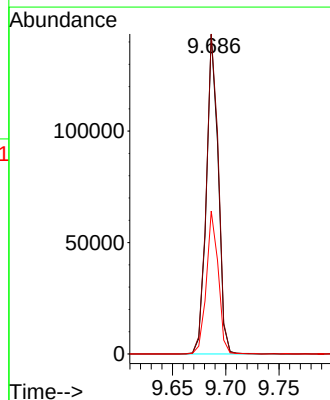
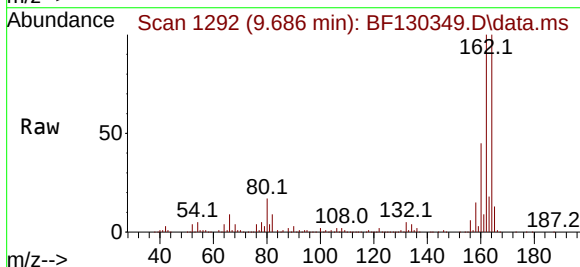
Instrument :
BNA_F
ClientSampleId :
BU-03-091622

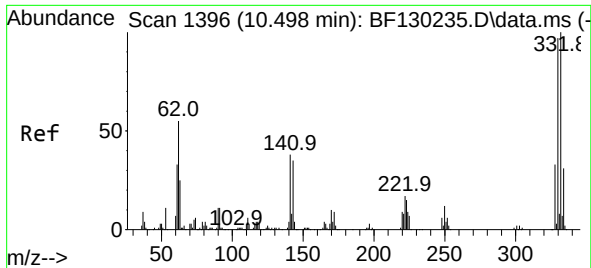
Tgt Ion: 82 Resp: 241175
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion: 164 Resp: 110889
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 94.081 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

Instrument :

BNA_F

ClientSampleId :

BU-03-091622

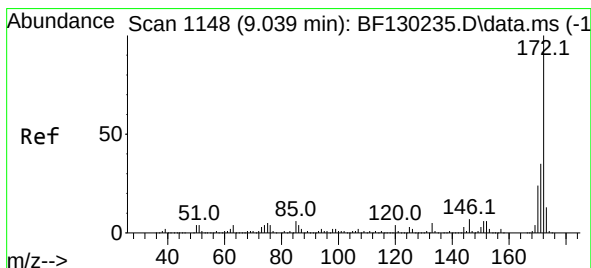
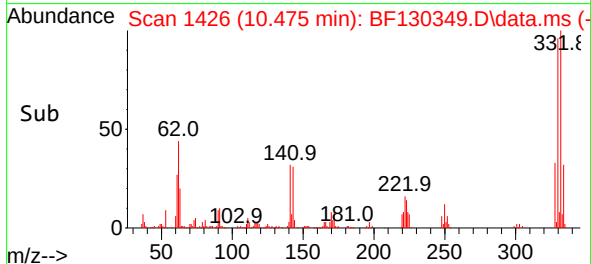
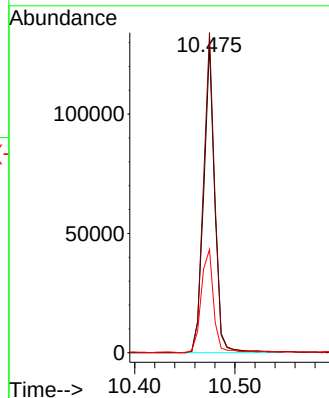
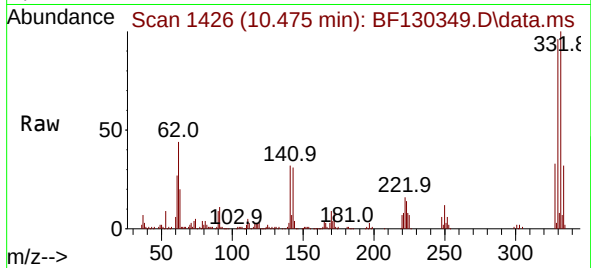
Tgt Ion:330 Resp: 99964

Ion Ratio Lower Upper

330 100

332 105.2 83.4 125.2

141 38.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 53.739 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

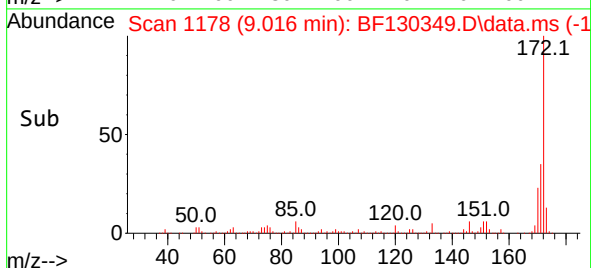
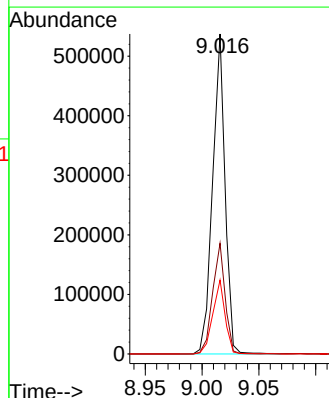
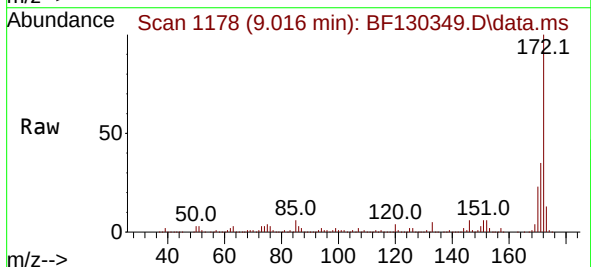
Tgt Ion:172 Resp: 409221

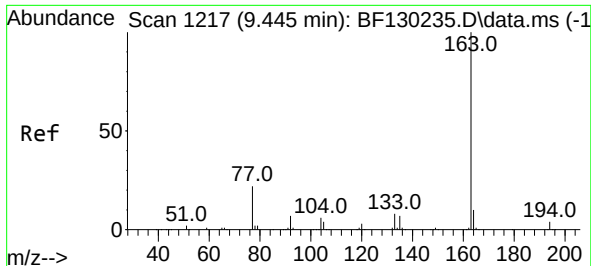
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 18.7 28.1

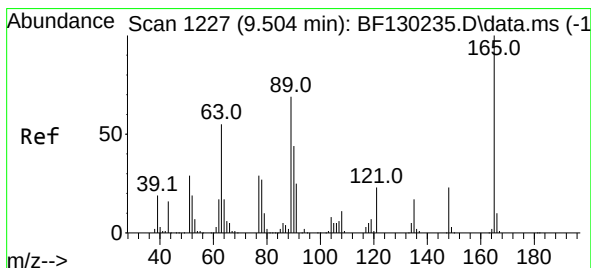
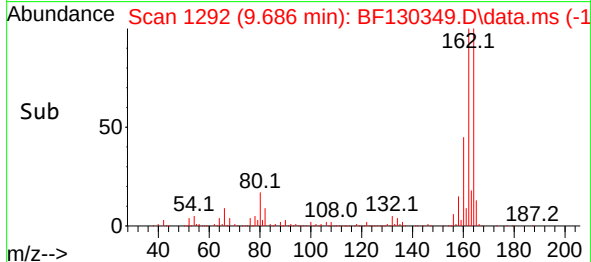
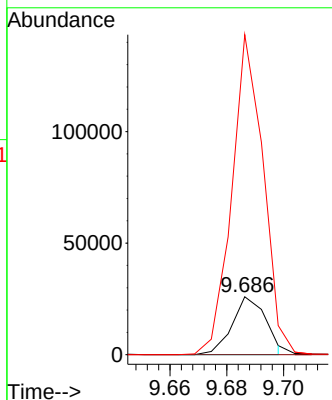
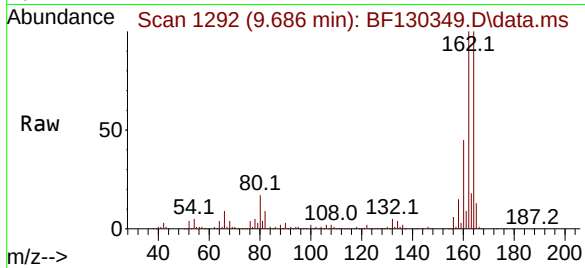




#50
Dimethylphthalate
Concen: 2.816 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

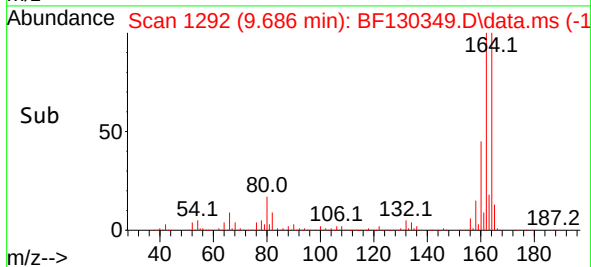
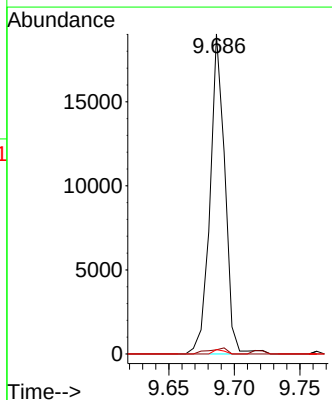
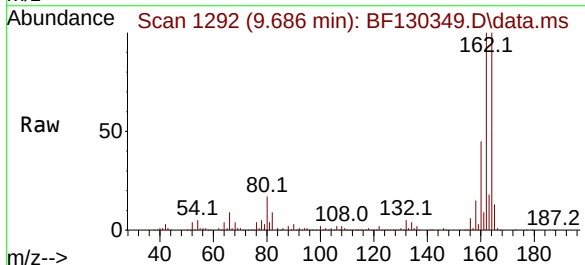
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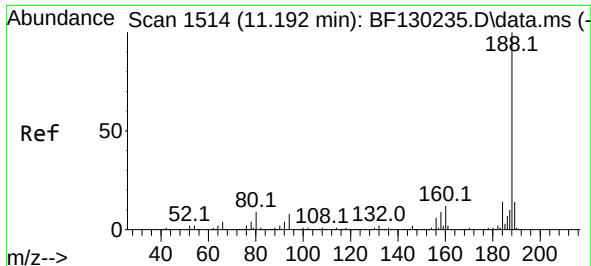
Tgt Ion:163 Resp: 21572
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 551.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.347 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

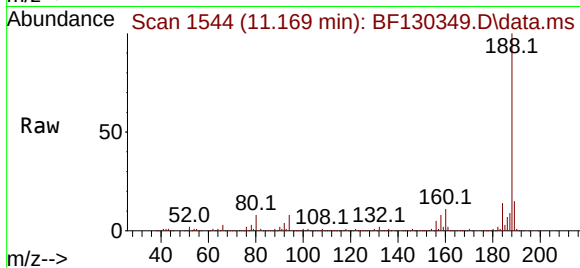
Tgt Ion:165 Resp: 14973
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#



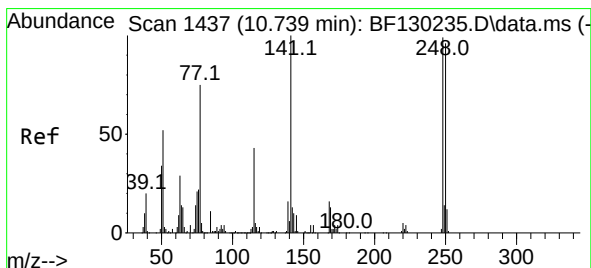
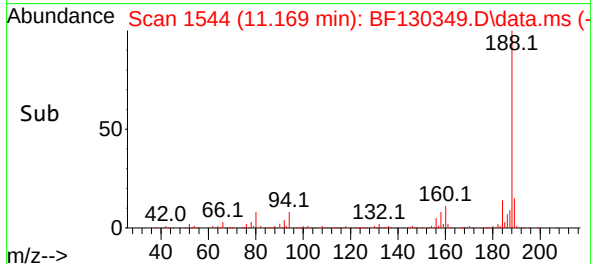
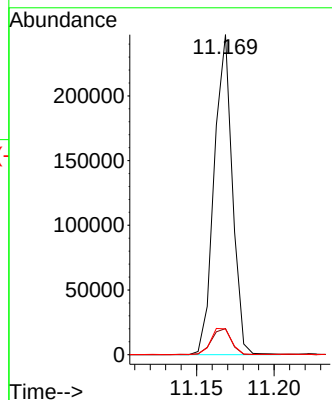


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Instrument :
BNA_F
ClientSampleId :
BU-03-091622

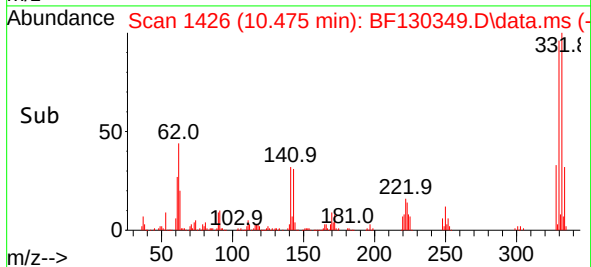
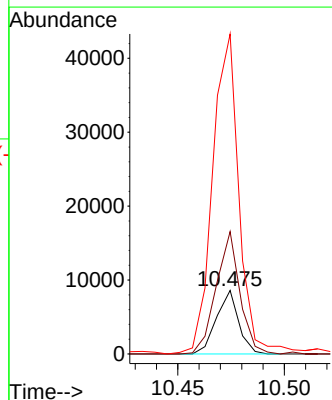
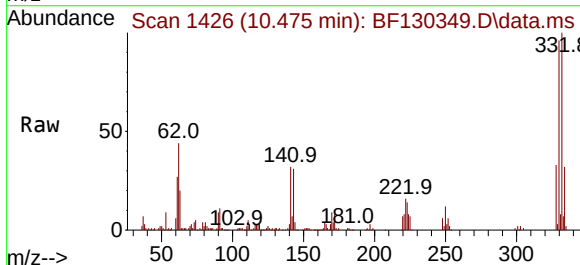


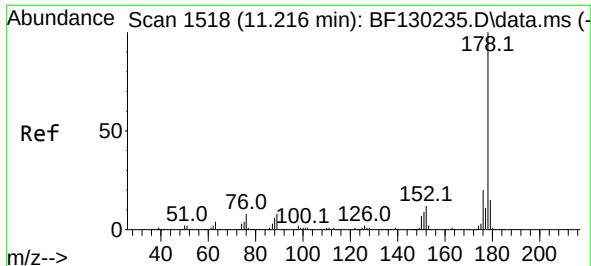
Tgt Ion:188 Resp: 201165
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.799 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion:248 Resp: 6211
Ion Ratio Lower Upper
248 100
250 192.9 80.0 120.0#
141 504.3 68.5 102.7#

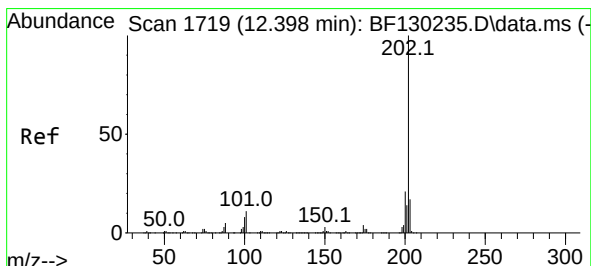
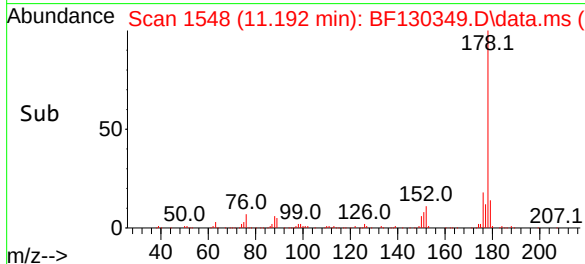
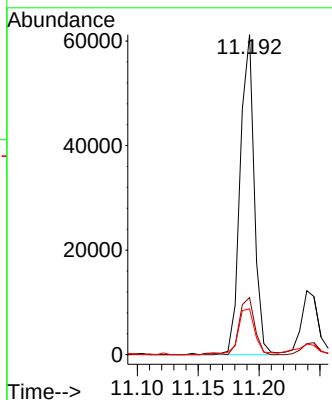
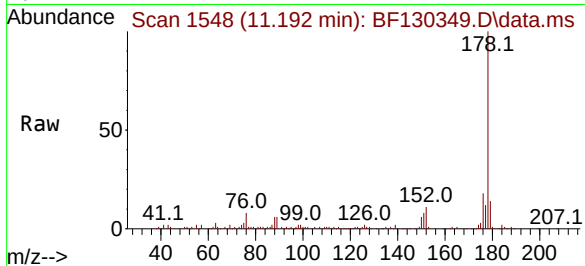




#71
Phenanthrene
Concen: 4.378 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

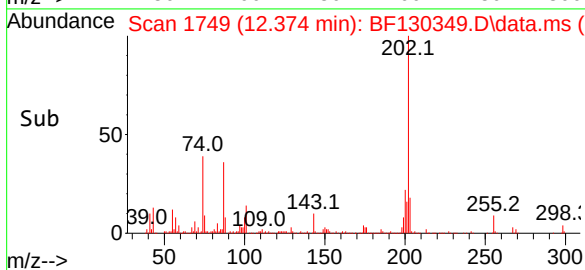
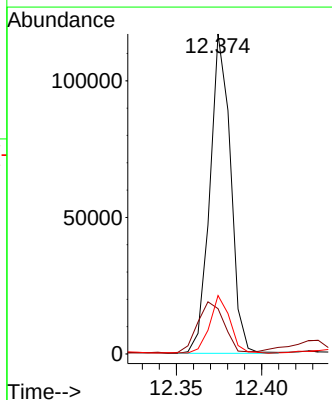
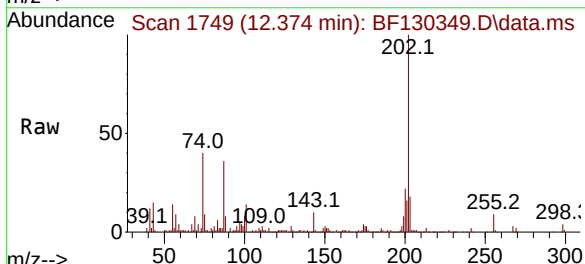
Instrument :
BNA_F
ClientSampleId :
BU-03-091622

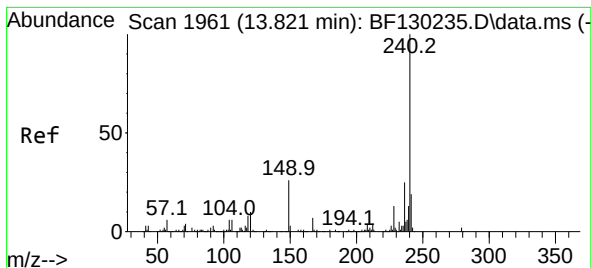
Tgt Ion:178 Resp: 49448
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 14.3 12.4 18.6



#75
Fluoranthene
Concen: 9.059 ng
RT: 12.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion:202 Resp: 98868
Ion Ratio Lower Upper
202 100
101 14.2 0.0 31.8
203 18.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

Instrument :

BNA_F

ClientSampleId :

BU-03-091622

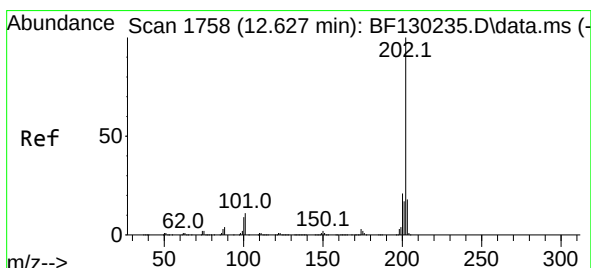
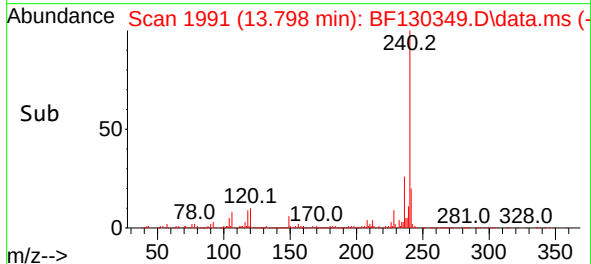
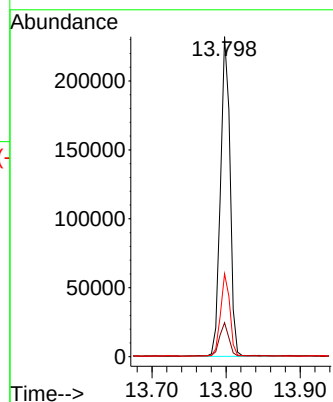
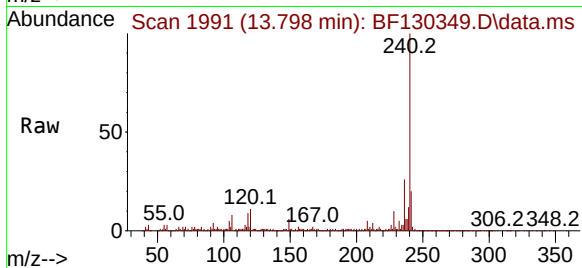
Tgt Ion:240 Resp: 207605

Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

236 25.9 20.9 31.3



#78

Pyrene

Concen: 6.173 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

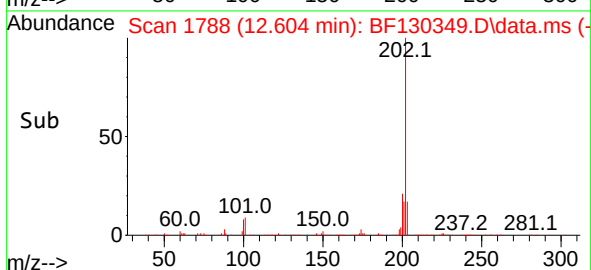
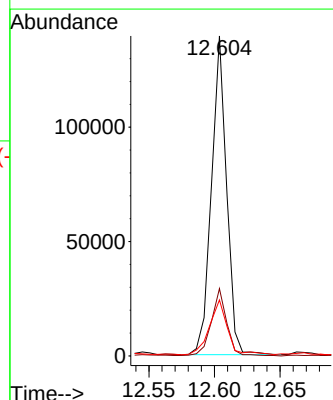
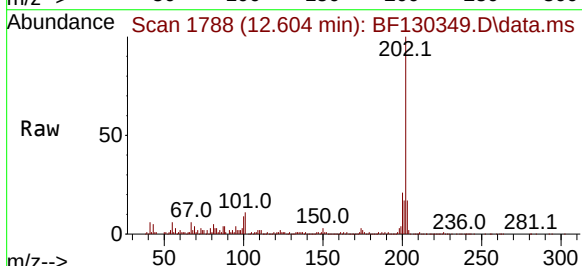
Tgt Ion:202 Resp: 112105

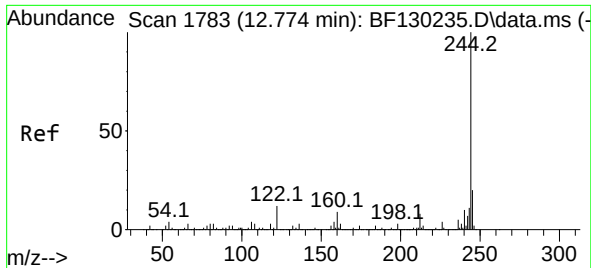
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.5 14.3 21.5

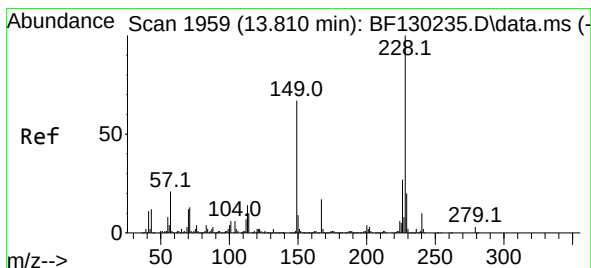
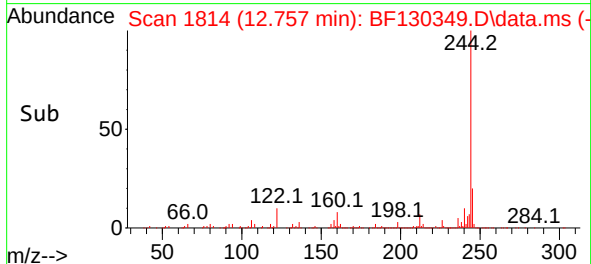
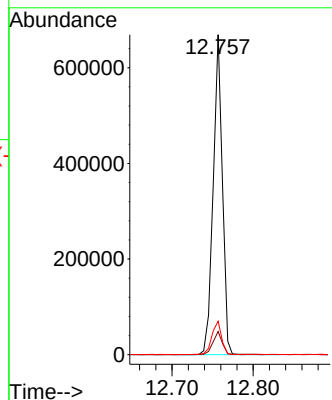
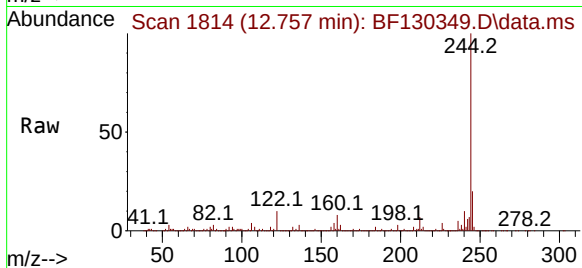




#79
 Terphenyl-d14
 Concen: 41.833 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130349.D
 Acq: 20 Sep 2022 17:49

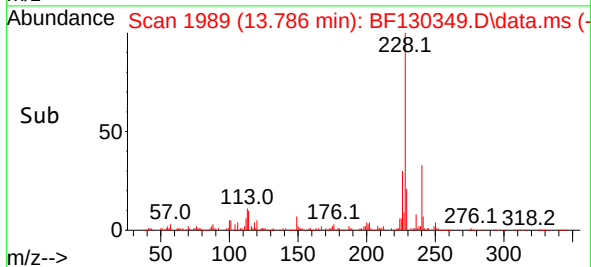
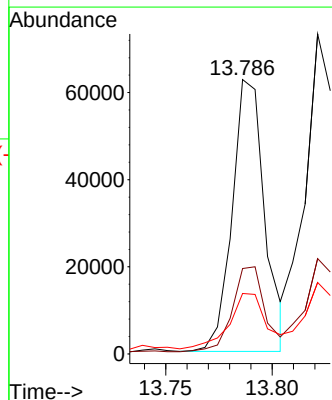
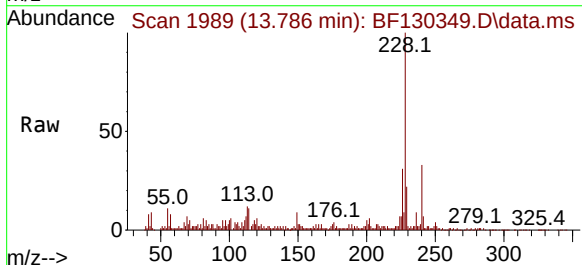
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091622

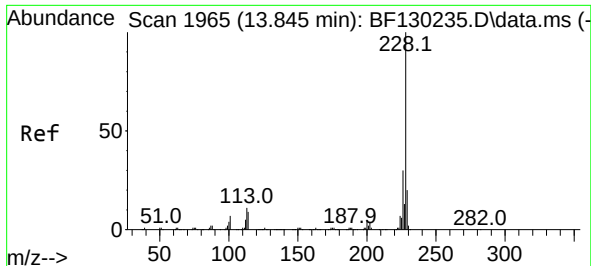
Tgt Ion:244 Resp: 524288
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.5 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 4.810 ng
 RT: 13.786 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: BF130349.D
 Acq: 20 Sep 2022 17:49

Tgt Ion:228 Resp: 66434
 Ion Ratio Lower Upper
 228 100
 226 31.1 21.9 32.9
 229 22.0 16.1 24.1

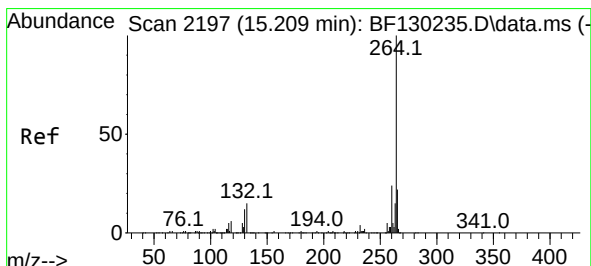
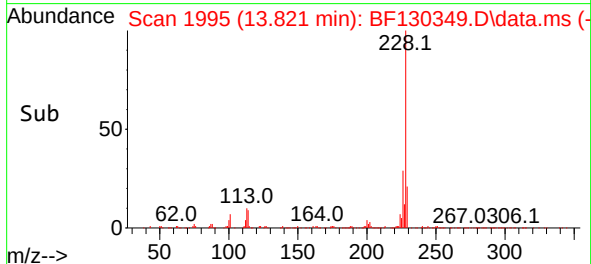
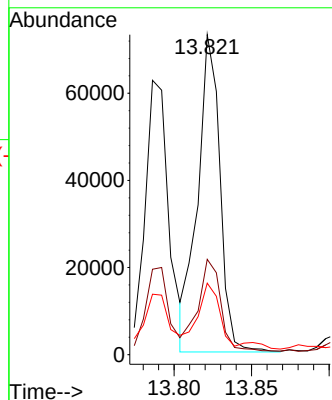
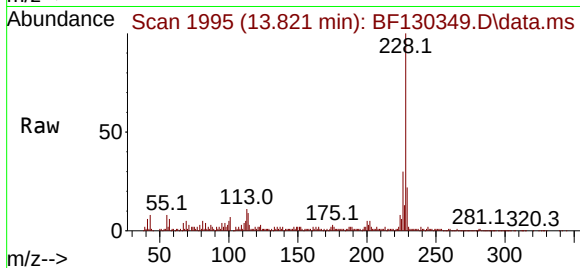




#83
Chrysene
Concen: 5.561 ng
RT: 13.821 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

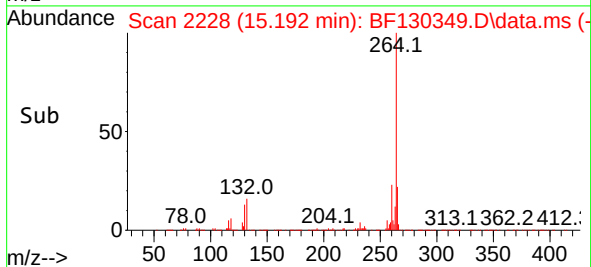
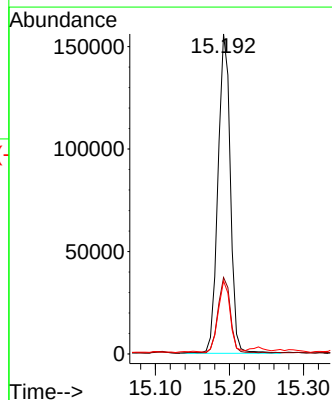
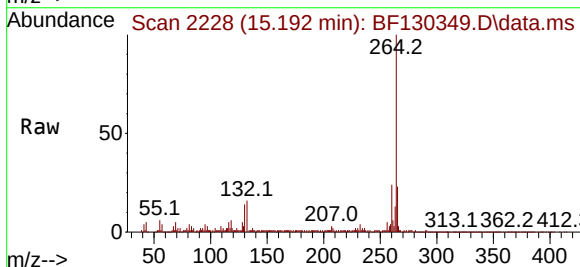
Instrument :
BNA_F
ClientSampleId :
BU-03-091622

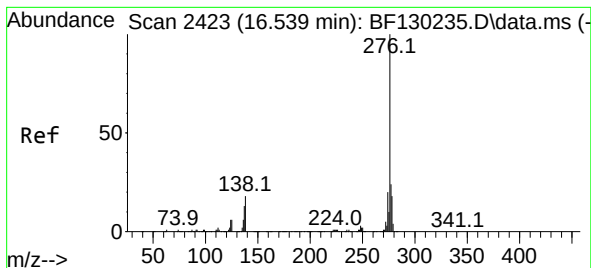
Tgt Ion:228 Resp: 72918
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 22.3 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF130349.D
Acq: 20 Sep 2022 17:49

Tgt Ion:264 Resp: 180479
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.175 ng

RT: 16.509 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

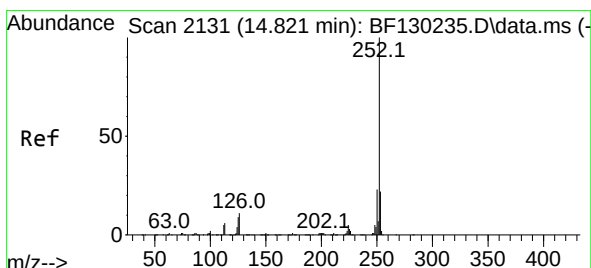
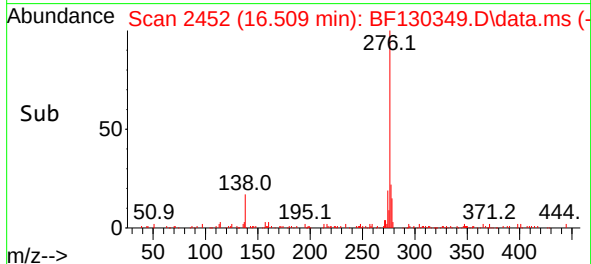
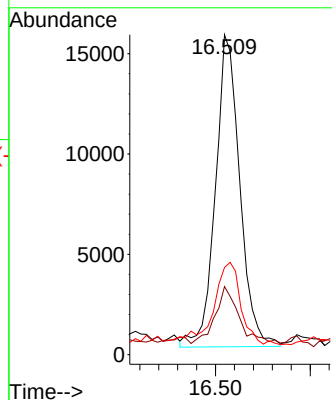
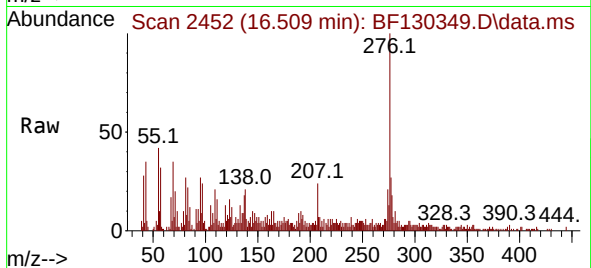
Instrument :

BNA_F

ClientSampleId :

BU-03-091622

Tgt Ion:276	Resp:	27840
Ion Ratio	Lower	Upper
276	100	
138	17.6	18.5 27.7#
277	30.1	20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 11.119 ng

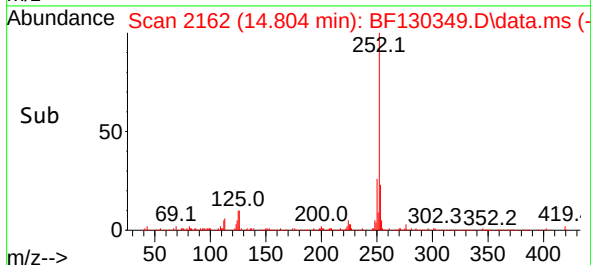
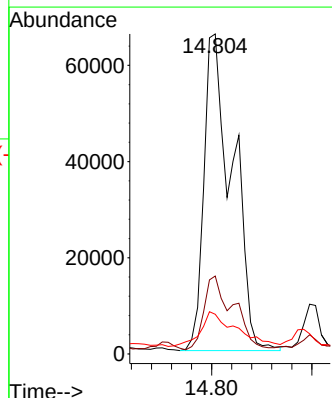
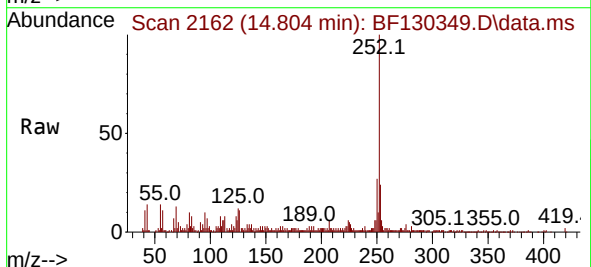
RT: 14.804 min Scan# 2162

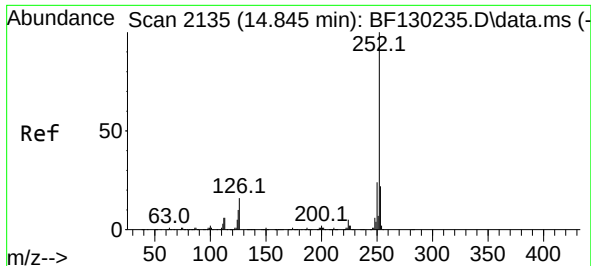
Delta R.T. 0.006 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

Tgt Ion:252	Resp:	130983
Ion Ratio	Lower	Upper
252	100	
253	24.4	17.7 26.5
125	12.4	8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 11.304 ng

RT: 14.804 min Scan# 2135

Delta R.T. -0.024 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

Instrument :

BNA_F

ClientSampleId :

BU-03-091622

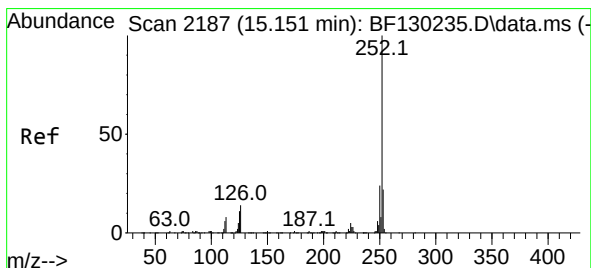
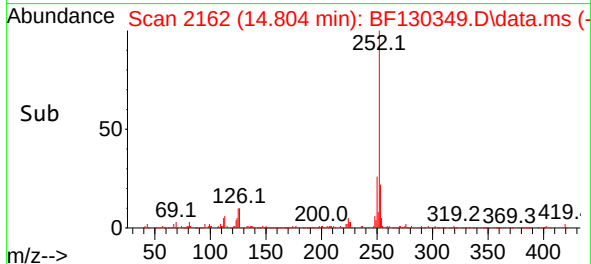
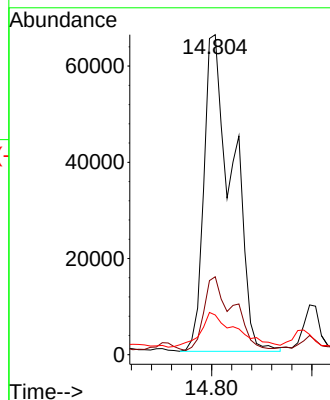
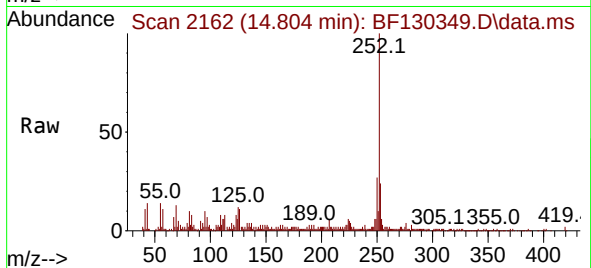
Tgt Ion:252 Resp: 130983

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 12.4 7.9 11.9#



#90

Benzo(a)pyrene

Concen: 6.442 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF130349.D

Acq: 20 Sep 2022 17:49

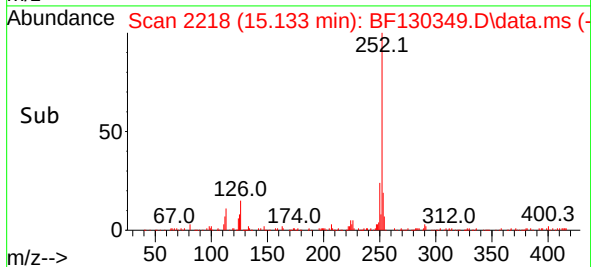
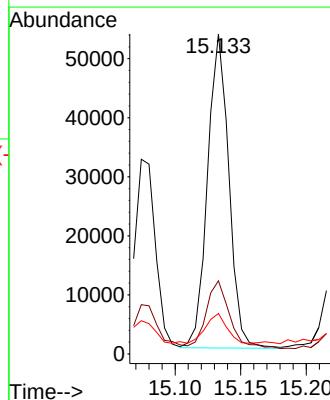
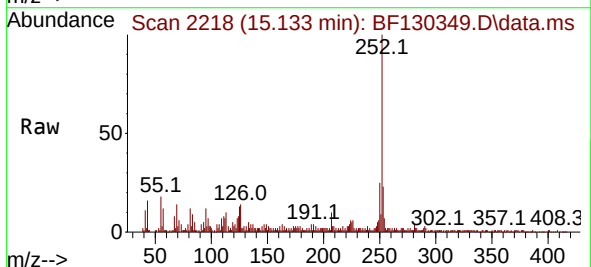
Tgt Ion:252 Resp: 60121

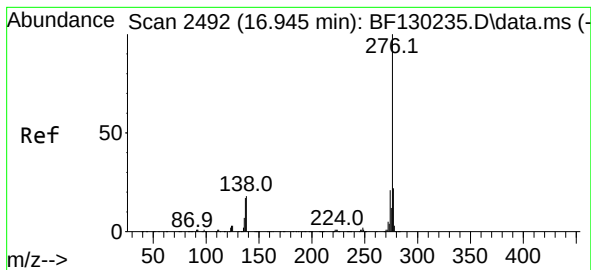
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 12.6 9.0 13.6





#92

Benzo(g,h,i)perylene

Concen: 2.711 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130349.D

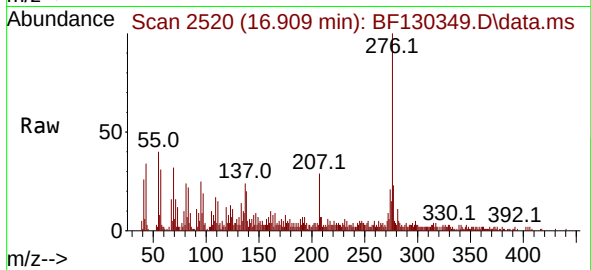
Acq: 20 Sep 2022 17:49

Instrument :

BNA_F

ClientSampleId :

BU-03-091622



Tgt Ion:276 Resp: 28672

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 20.3 14.6 21.8

