

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130382.D
 Acq On : 22 Sep 2022 18:43
 Operator : CG\JU
 Sample : N4752-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-092122

Quant Time: Sep 23 02:57:50 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)

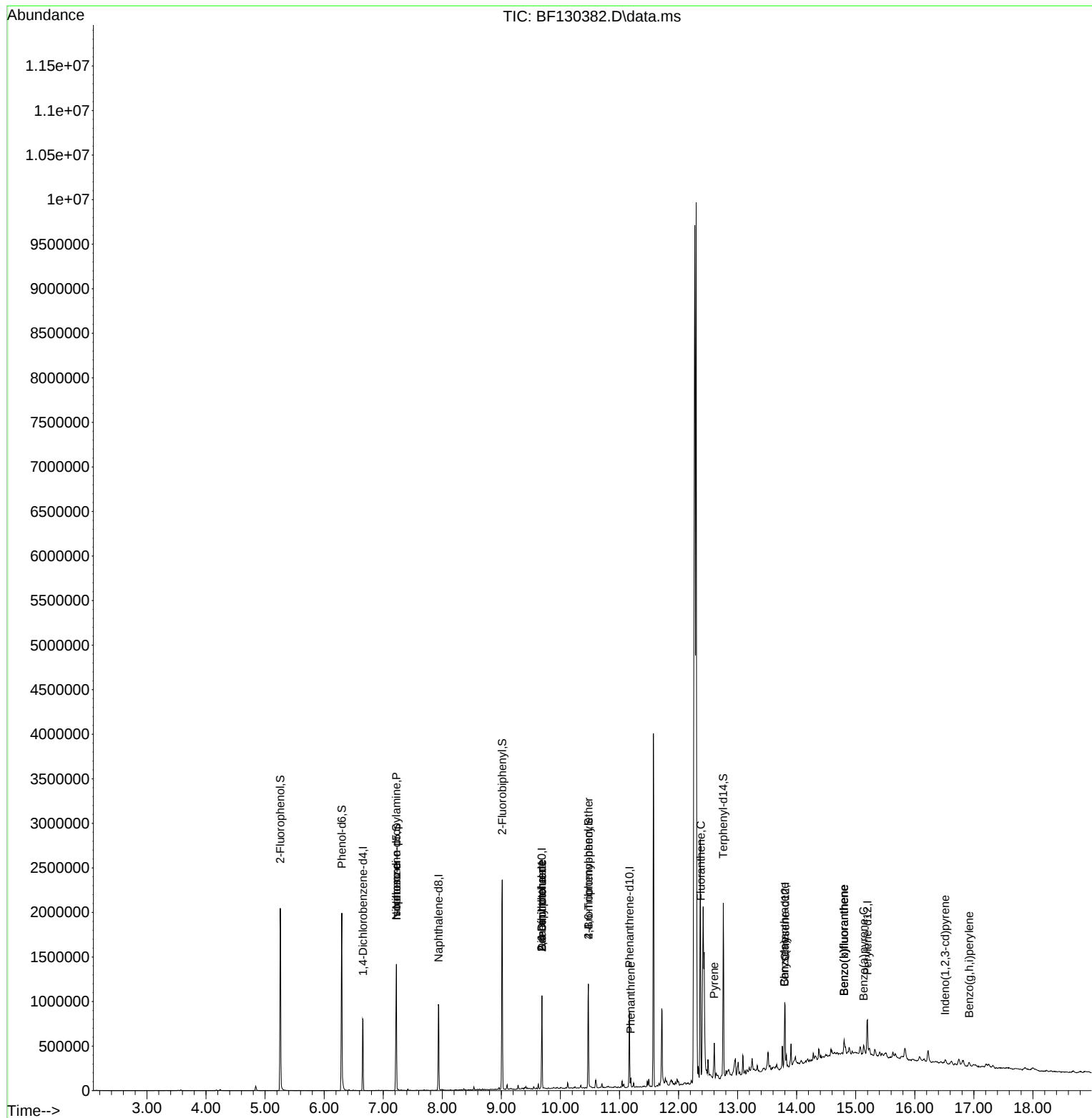
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	118831	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	429687	20.000	ng	# 0.00
39) Acenaphthene-d10	9.687	164	184502	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	278805	20.000	ng	0.00
76) Chrysene-d12	13.804	240	226142	20.000	ng	# 0.00
86) Perylene-d12	15.198	264	171016	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	575927	84.063	ng	0.00
7) Phenol-d6	6.298	99	679994	79.324	ng	0.00
23) Nitrobenzene-d5	7.222	82	423100	50.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	132962	75.210	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	681359	53.777	ng	0.00
79) Terphenyl-d14	12.757	244	615985	45.121	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	57821	9.996	ng	# 73
25) Isophorone	7.222	82	419090	30.916	ng	# 66
50) Dimethylphthalate	9.687	163	34929	2.741	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	24455	9.175	ng	# 16
57) 2,4-Dinitrotoluene	9.687	165	24455	7.179	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	8660	2.816	ng	# 1
71) Phenanthrene	11.192	178	36293	2.319	ng	97
75) Fluoranthene	12.375	202	107887	7.133	ng	89
78) Pyrene	12.604	202	108138	5.466	ng	99
81) Benzo(a)anthracene	13.792	228	60482	4.020	ng	97
83) Chrysene	13.792	228	60482	4.234	ng	95
87) Indeno(1,2,3-cd)pyrene	16.515	276	27692	2.283	ng	94
88) Benzo(b)fluoranthene	14.804	252	92277	8.267	ng	# 94
89) Benzo(k)fluoranthene	14.804	252	92277	8.404	ng	# 94
90) Benzo(a)pyrene	15.133	252	44819	5.068	ng	# 92
92) Benzo(g,h,i)perylene	16.921	276	28281	2.822	ng	# 90

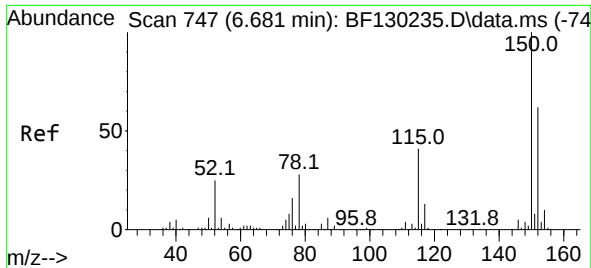
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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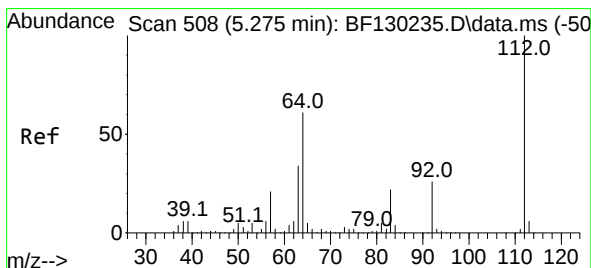
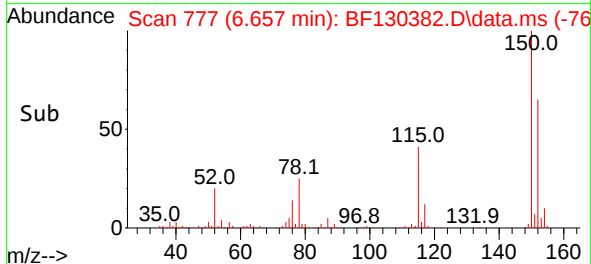
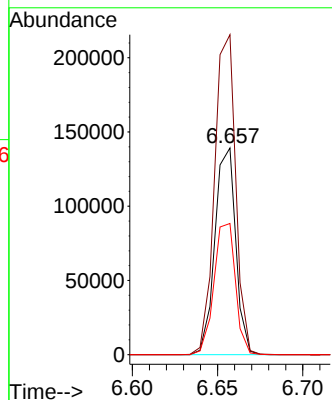
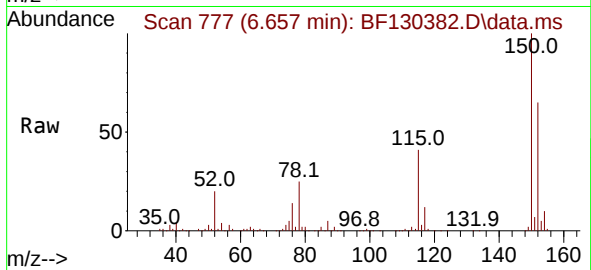




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

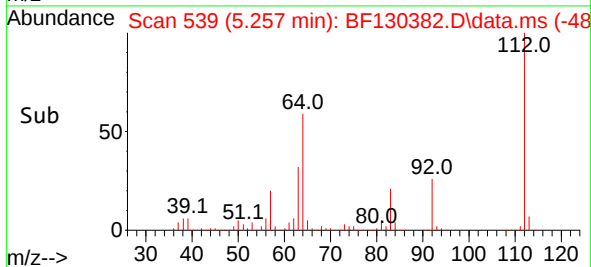
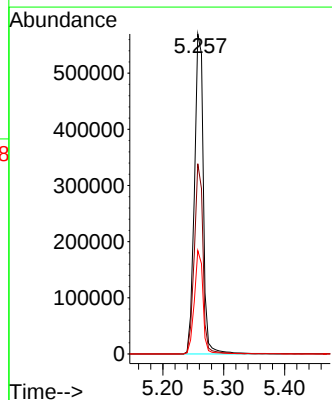
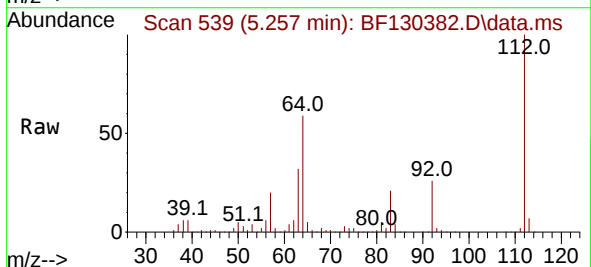
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-092122

Tgt Ion:152 Resp: 118831
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.8 184.2
 115 63.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 84.063 ng
 RT: 5.257 min Scan# 539
 Delta R.T. 0.000 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

Tgt Ion:112 Resp: 575927
 Ion Ratio Lower Upper
 112 100
 64 59.5 51.4 77.0
 63 32.3 28.8 43.2

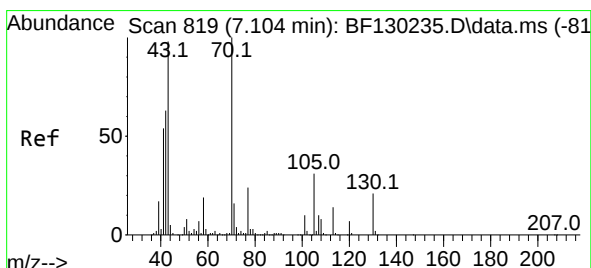
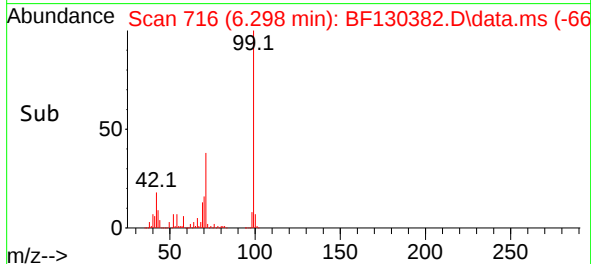
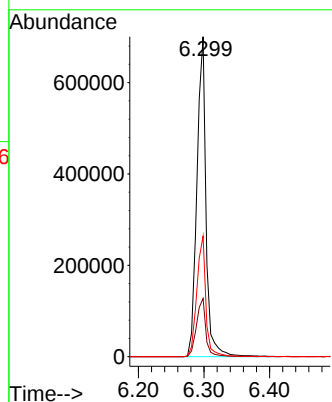
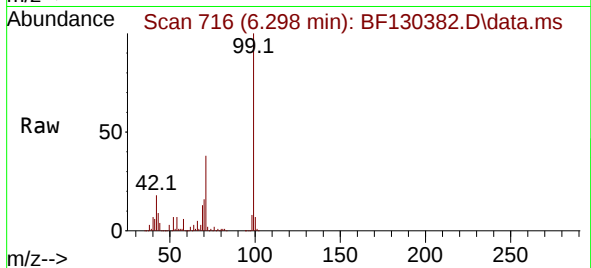




#7
Phenol-d6
Concen: 79.324 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

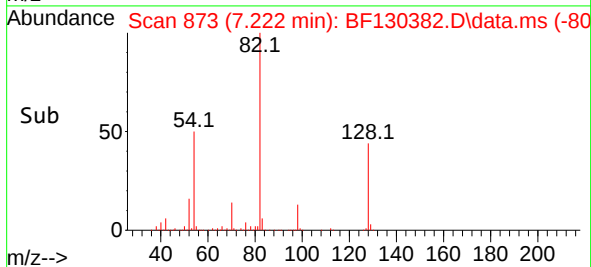
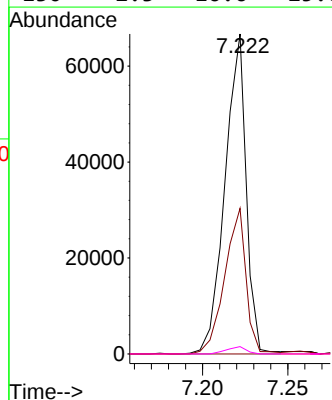
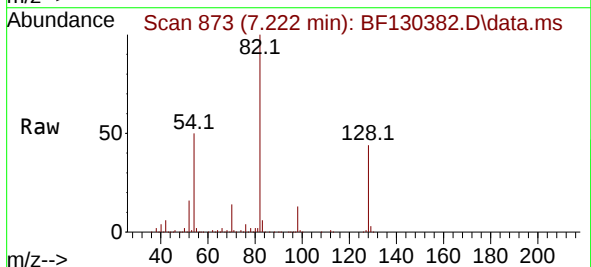
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

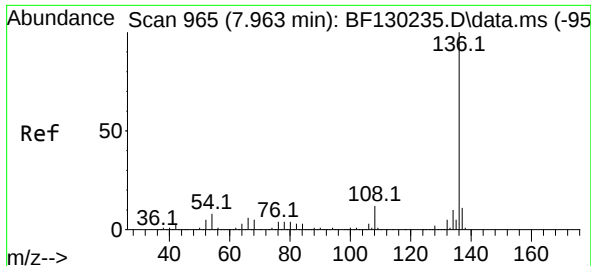
Tgt Ion: 99 Resp: 679994
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.996 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.130 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion: 70 Resp: 57821
Ion Ratio Lower Upper
70 100
42 45.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

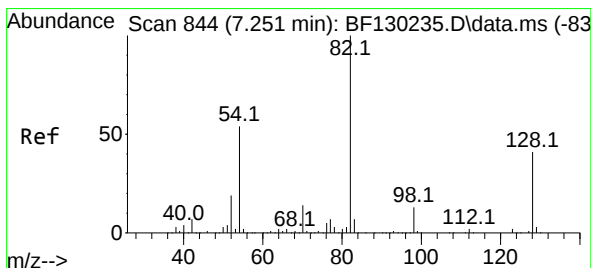
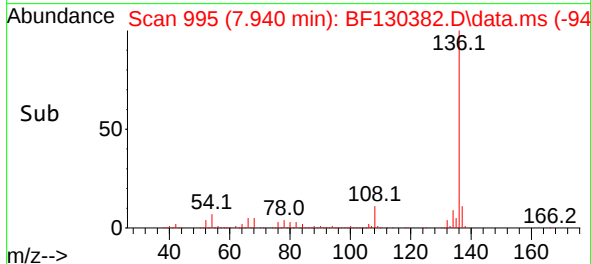
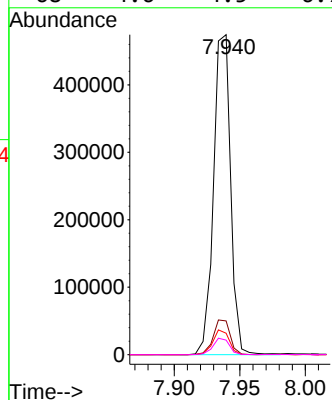
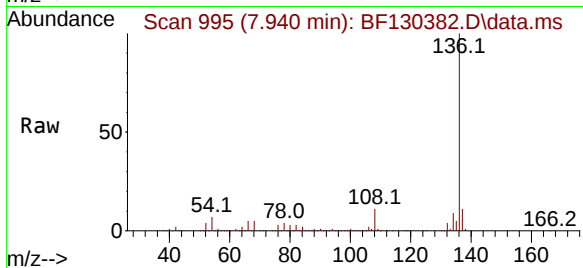




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

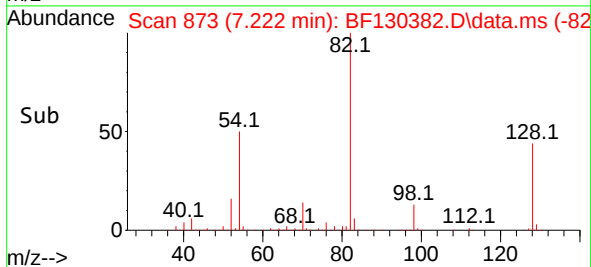
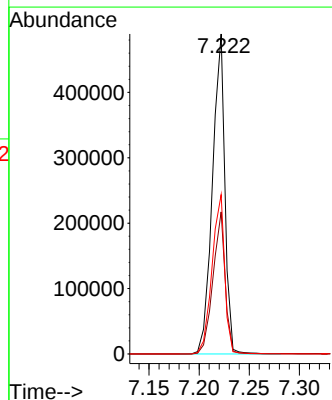
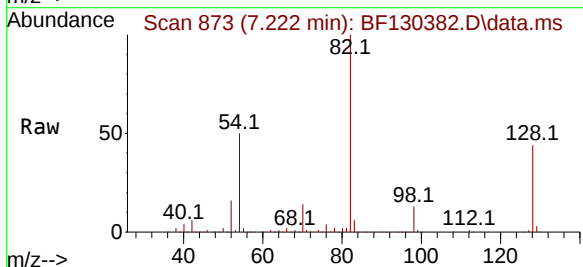
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

Tgt Ion:136 Resp: 429687
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.7 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 50.305 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion: 82 Resp: 423100
Ion Ratio Lower Upper
82 100
128 44.4 32.6 49.0
54 49.8 43.8 65.6

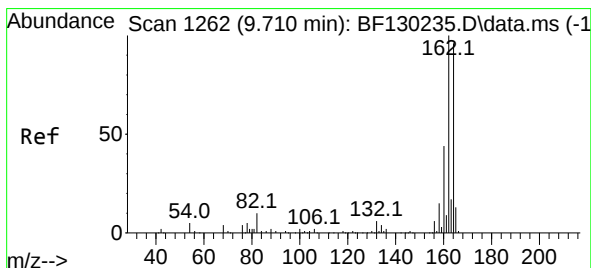
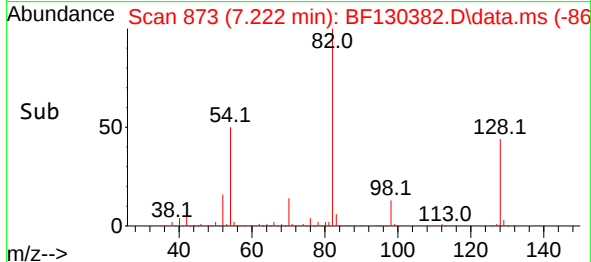
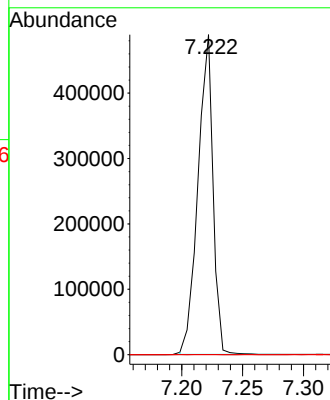
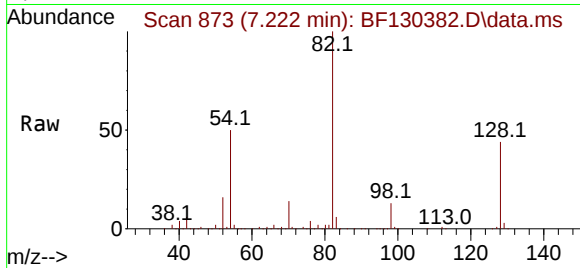




#25
Isophorone
Concen: 30.916 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

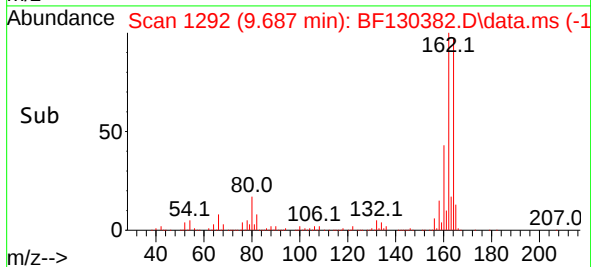
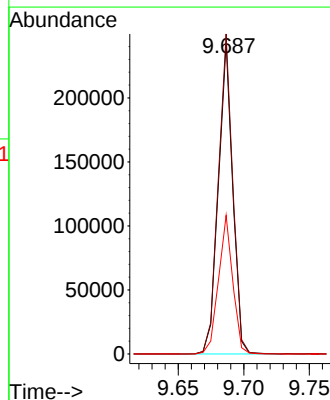
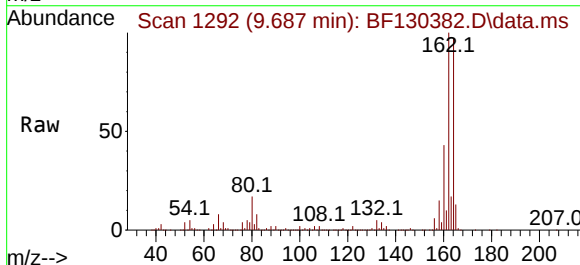
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BNA_F
ClientSampleId :
NB-07-092122

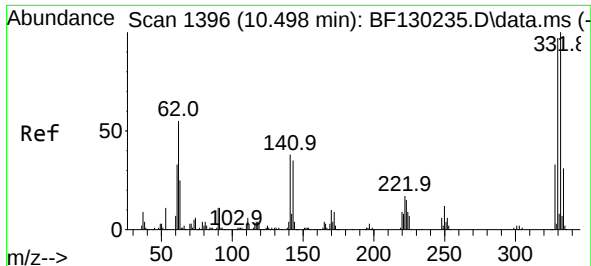
Tgt Ion: 82 Resp: 419090
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion: 164 Resp: 184502
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 75.210 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

Instrument :

BNA_F

ClientSampleId :

NB-07-092122

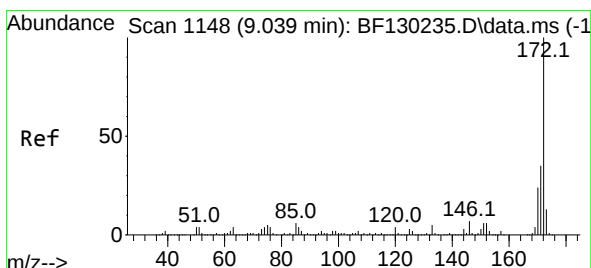
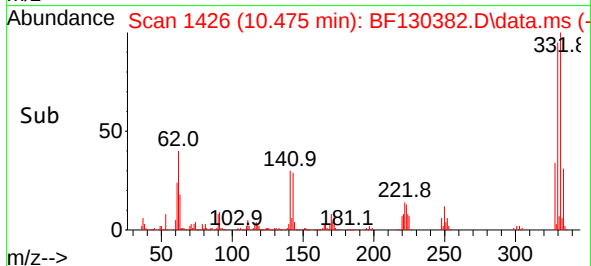
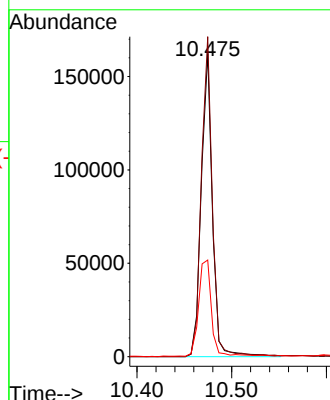
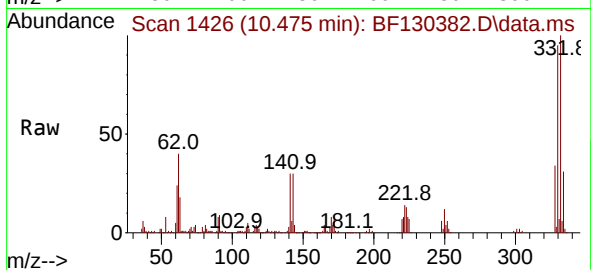
Tgt Ion:330 Resp: 132962

Ion Ratio Lower Upper

330 100

332 104.4 83.4 125.2

141 36.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 53.777 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

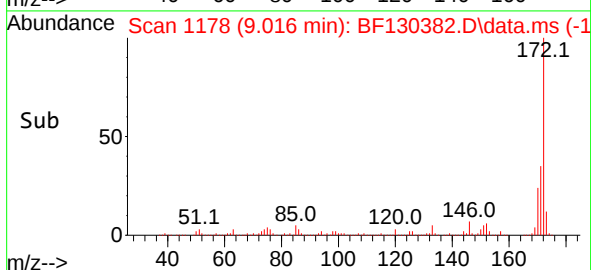
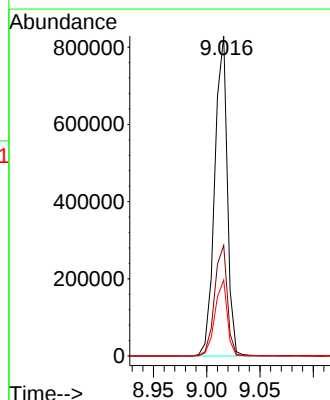
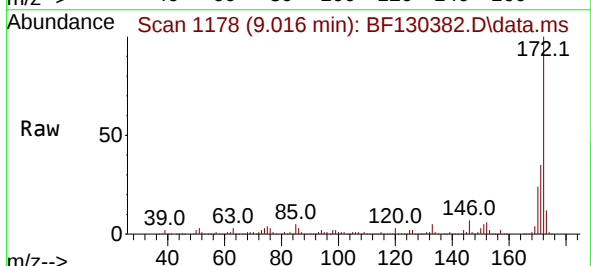
Tgt Ion:172 Resp: 681359

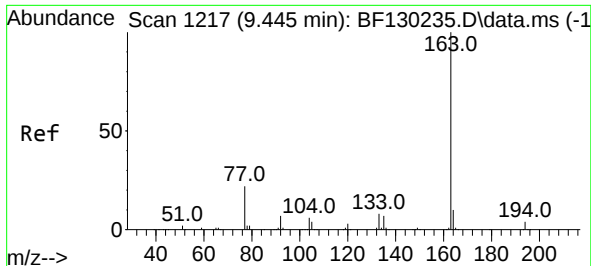
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.8 18.7 28.1

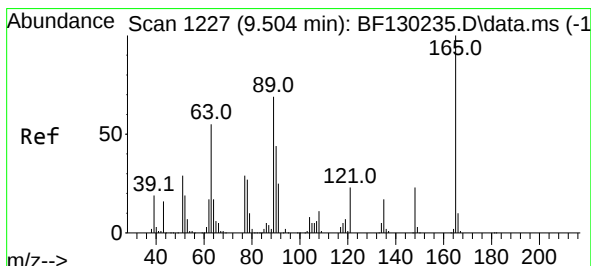
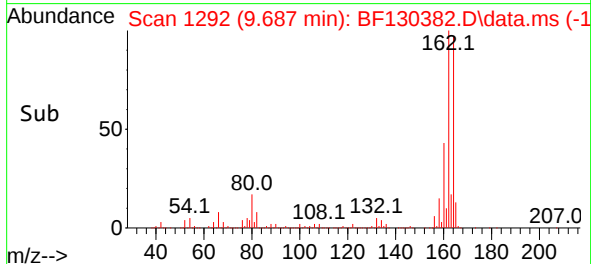
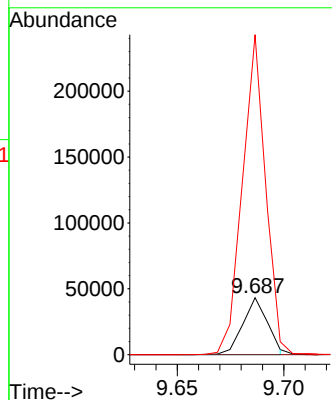
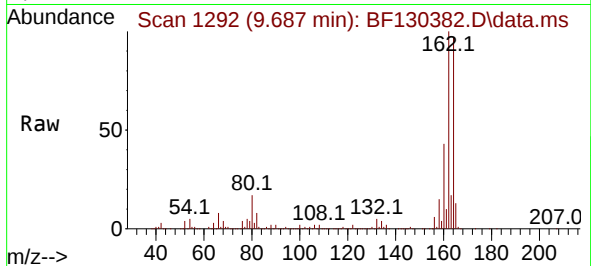




#50
 Dimethylphthalate
 Concen: 2.741 ng
 RT: 9.687 min Scan# 1217
 Delta R.T. 0.259 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

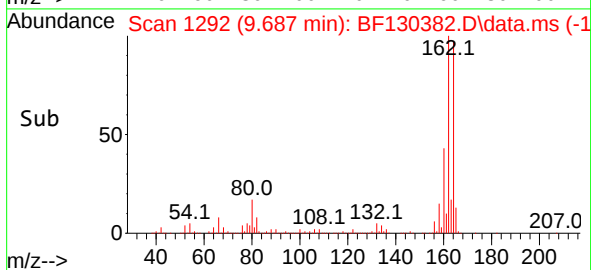
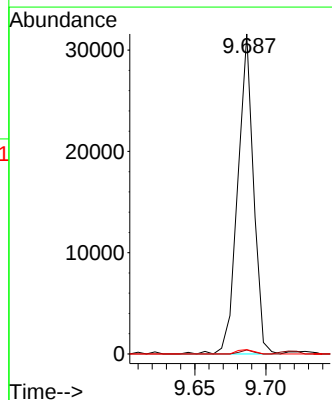
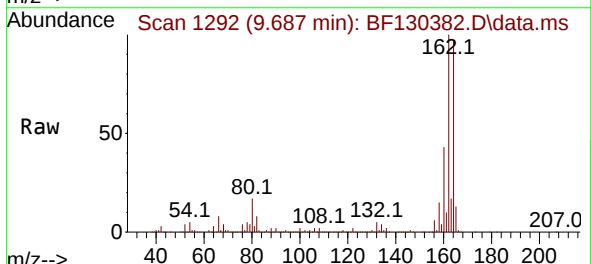
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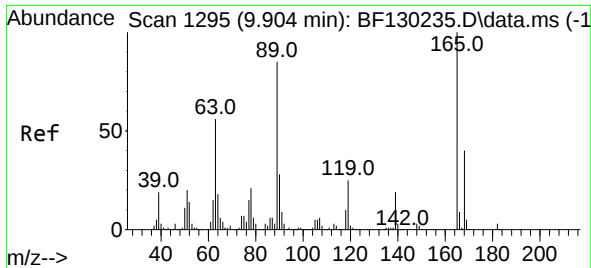
Tgt Ion:163 Resp: 34929
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.8 4.2#
 164 561.2 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 9.175 ng
 RT: 9.687 min Scan# 1292
 Delta R.T. 0.200 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

Tgt Ion:165 Resp: 24455
 Ion Ratio Lower Upper
 165 100
 63 1.2 58.8 88.2#
 89 1.3 54.5 81.7#

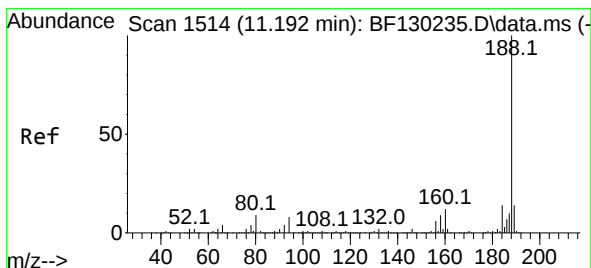
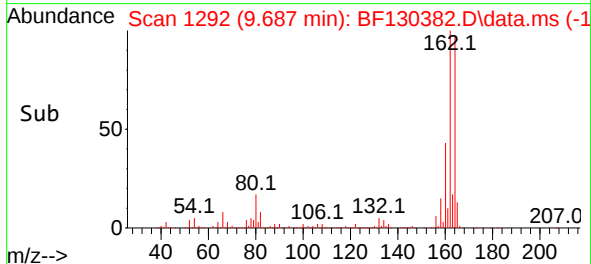
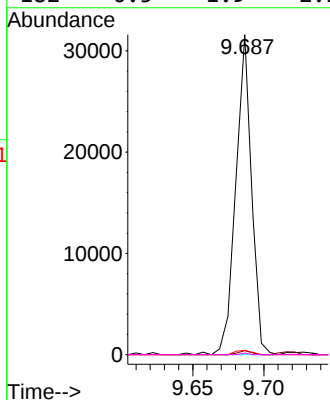
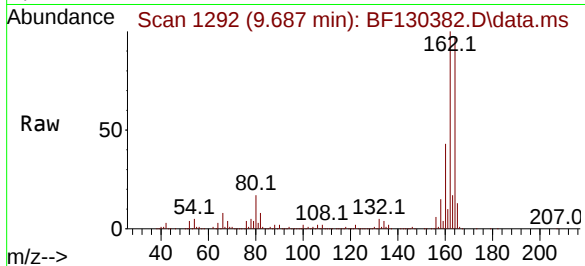




#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

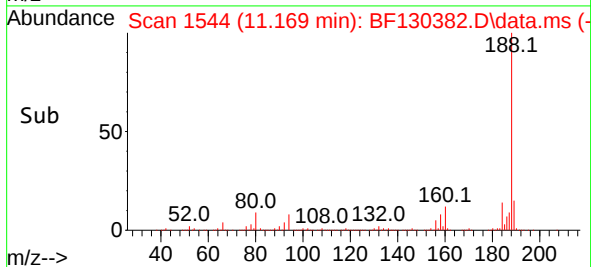
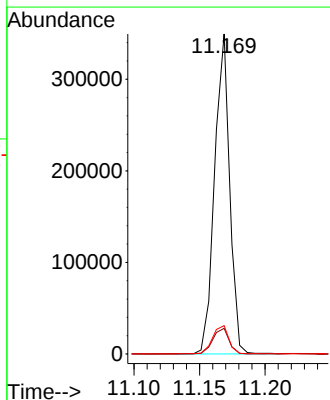
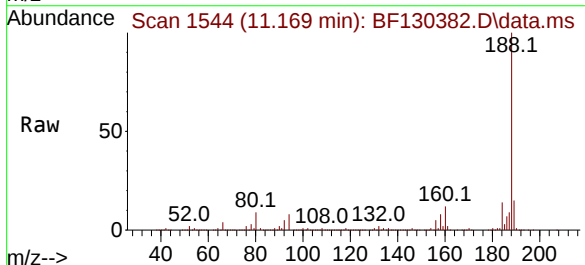
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

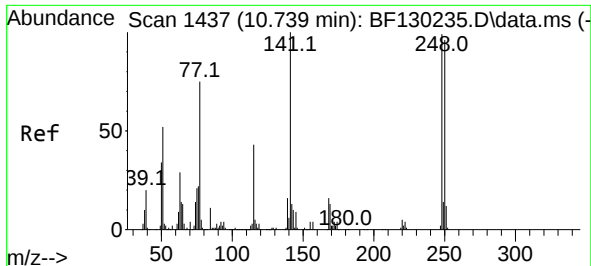
Tgt Ion:165 Resp: 24455
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.3 69.0 103.4#
182 0.5 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion:188 Resp: 278805
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.9 7.9 11.9

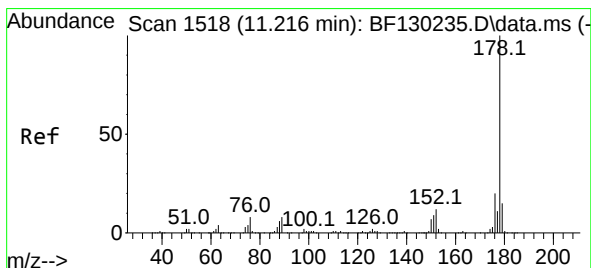
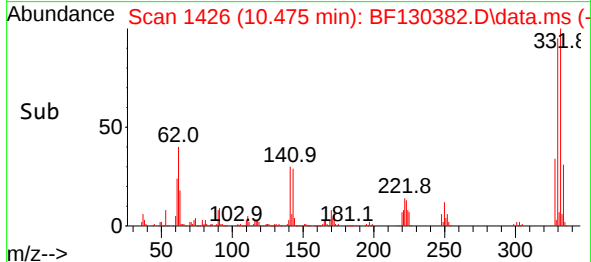
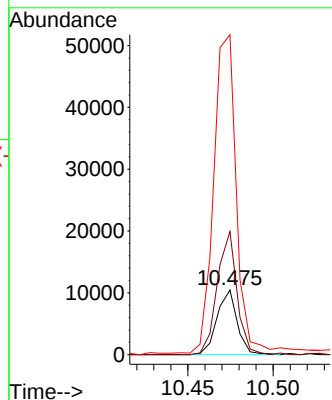
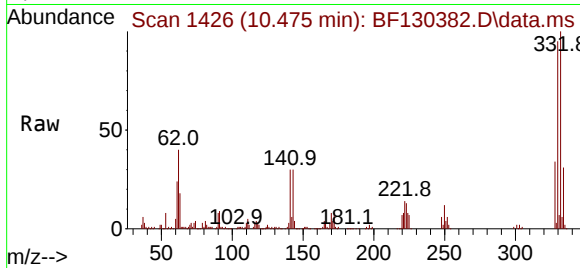




#67
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

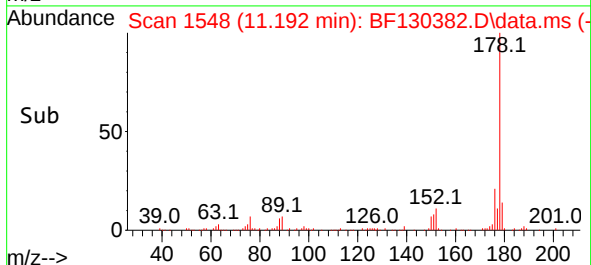
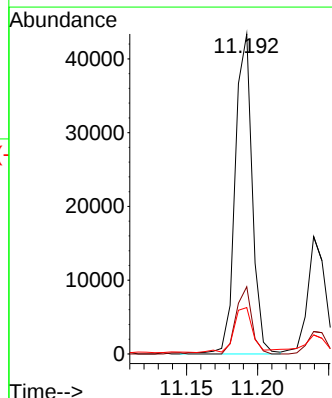
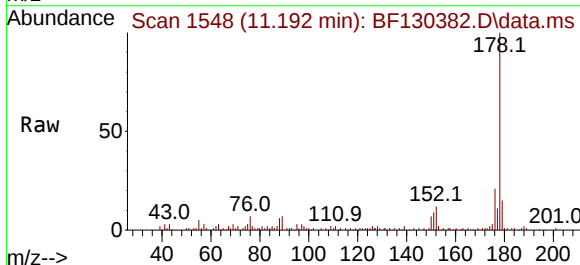
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

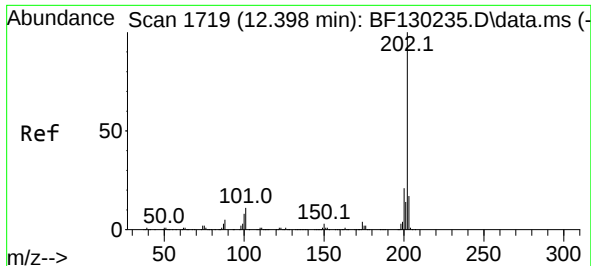
Tgt Ion:248 Resp: 8660
Ion Ratio Lower Upper
248 100
250 190.4 80.0 120.0#
141 494.4 68.5 102.7#



#71
Phenanthrene
Concen: 2.319 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion:178 Resp: 36293
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.0
179 14.5 12.4 18.6

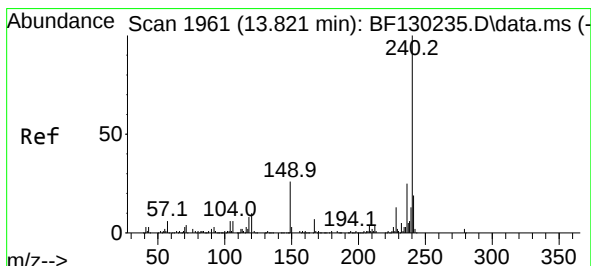
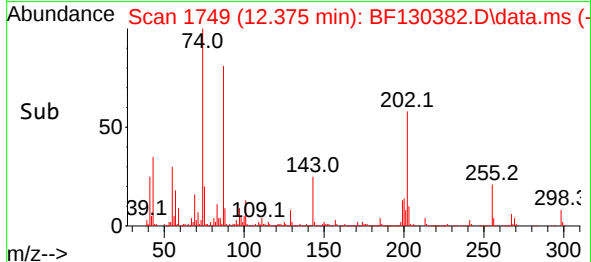
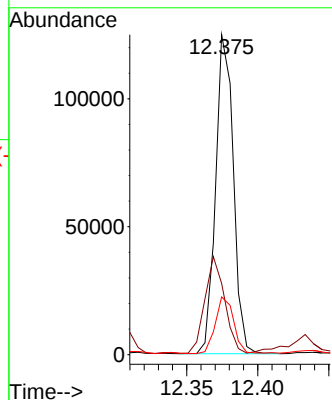
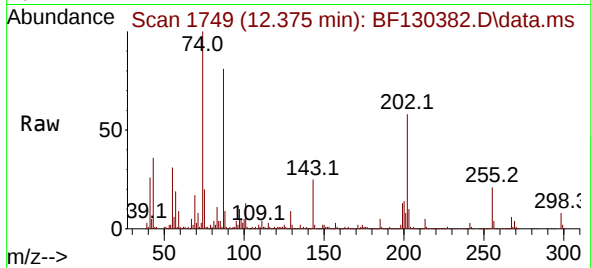




#75
Fluoranthene
Concen: 7.133 ng
RT: 12.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

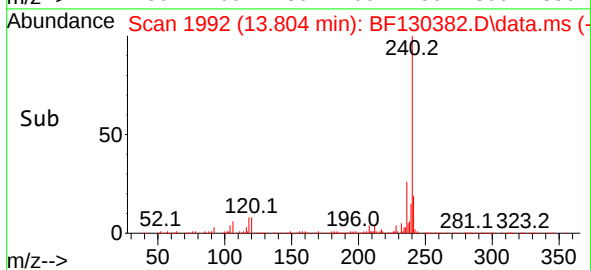
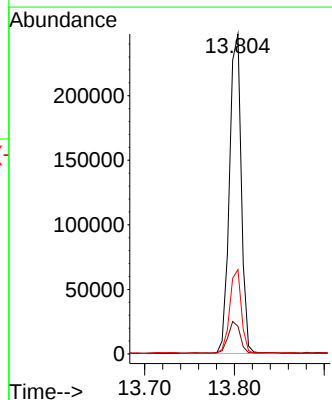
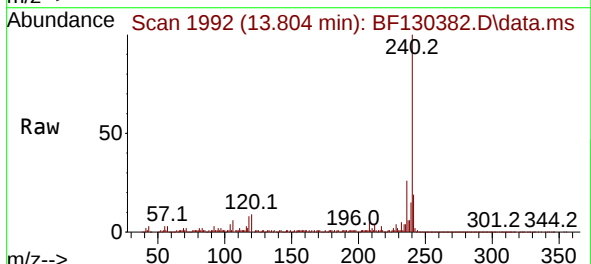
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

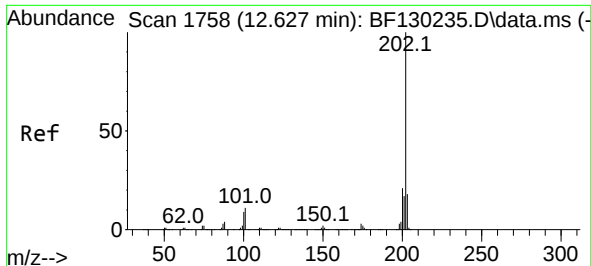
Tgt Ion:202 Resp: 107887
Ion Ratio Lower Upper
202 100
101 22.2 0.0 31.8
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion:240 Resp: 226142
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 26.4 20.9 31.3

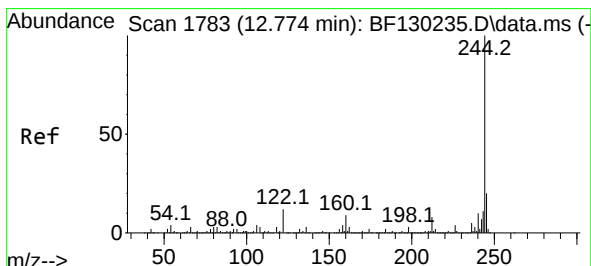
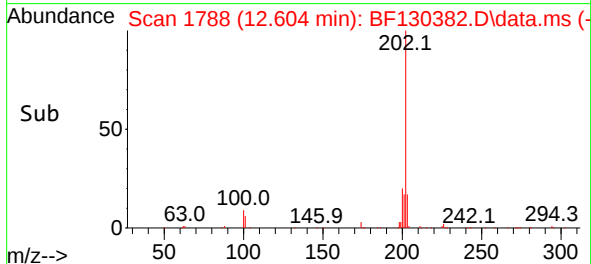
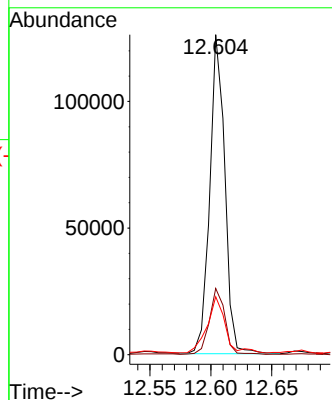
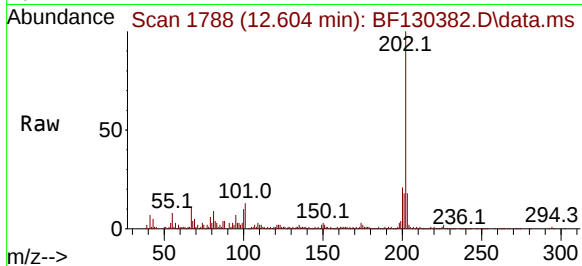




#78
 Pyrene
 Concen: 5.466 ng
 RT: 12.604 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

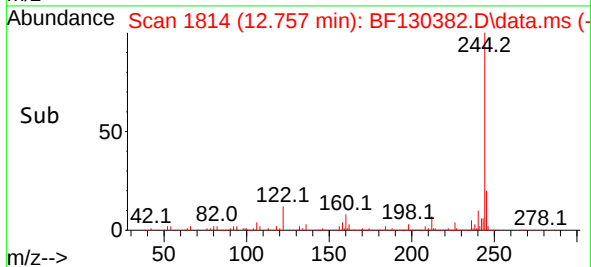
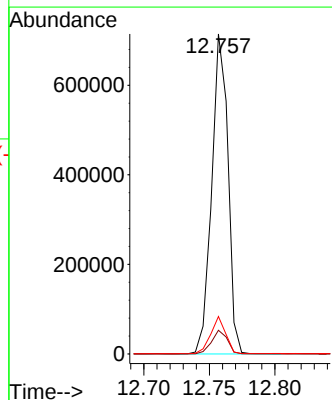
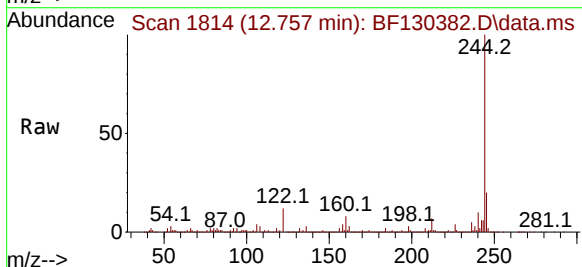
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-092122

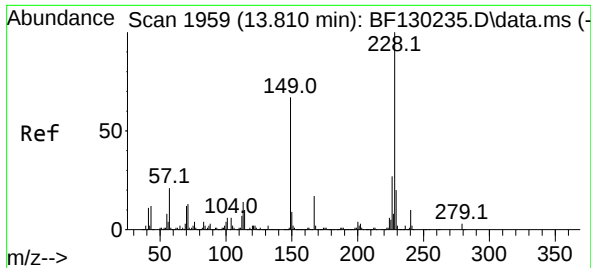
Tgt Ion:202 Resp: 108138
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.2 25.8
 203 18.1 14.3 21.5



#79
 Terphenyl-d14
 Concen: 45.121 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130382.D
 Acq: 22 Sep 2022 18:43

Tgt Ion:244 Resp: 615985
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.7 8.5 12.7

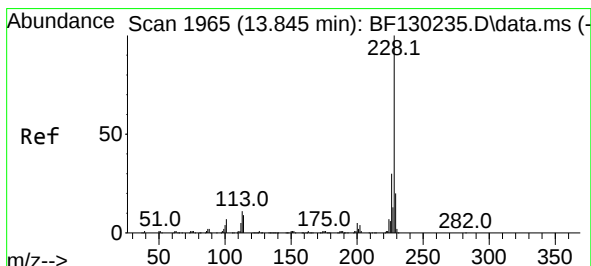
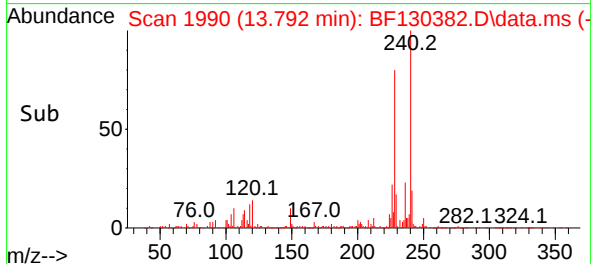
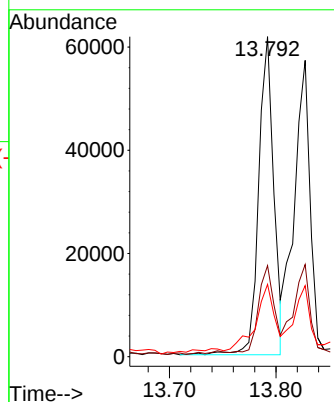
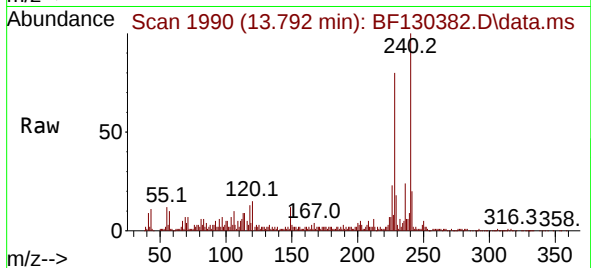




#81
Benzo(a)anthracene
Concen: 4.020 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

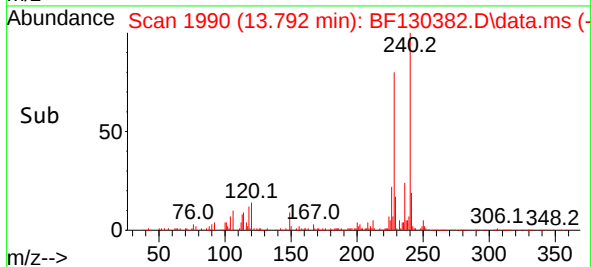
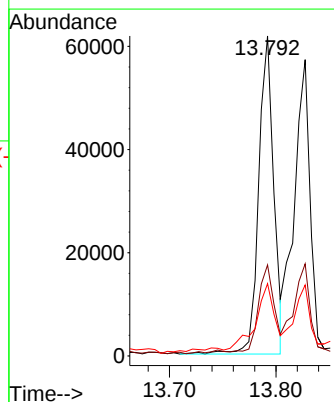
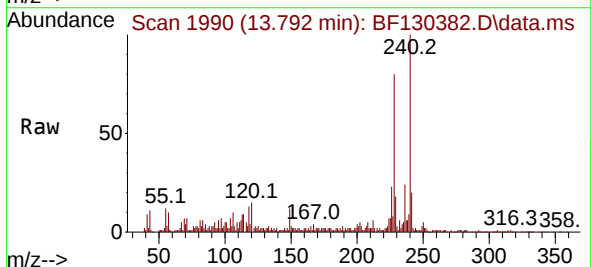
Instrument :
BNA_F
ClientSampleId :
NB-07-092122

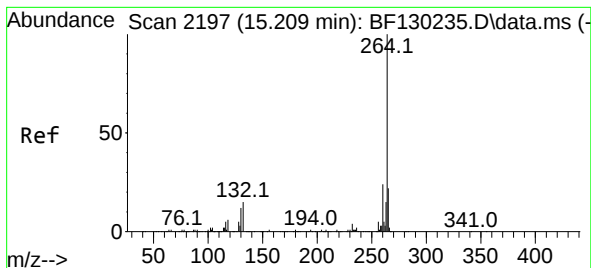
Tgt Ion:228 Resp: 60482
Ion Ratio Lower Upper
228 100
226 28.4 21.9 32.9
229 22.6 16.1 24.1



#83
Chrysene
Concen: 4.234 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.035 min
Lab File: BF130382.D
Acq: 22 Sep 2022 18:43

Tgt Ion:228 Resp: 60482
Ion Ratio Lower Upper
228 100
226 28.4 23.8 35.8
229 22.6 15.3 22.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.198 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

Instrument :

BNA_F

ClientSampleId :

NB-07-092122

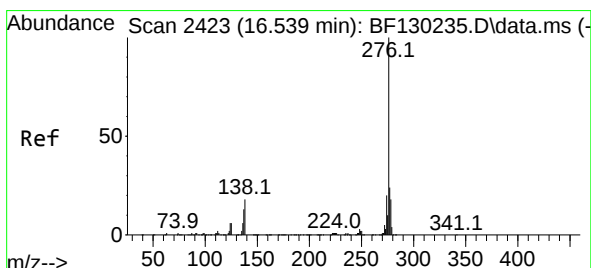
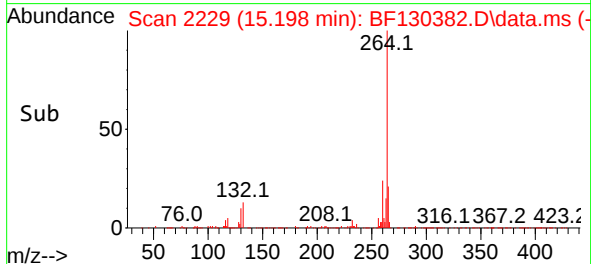
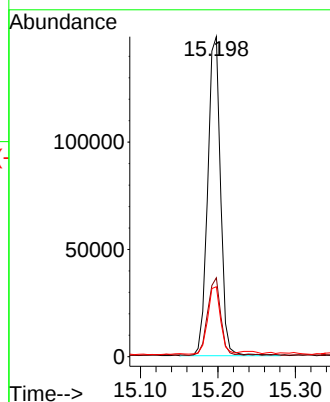
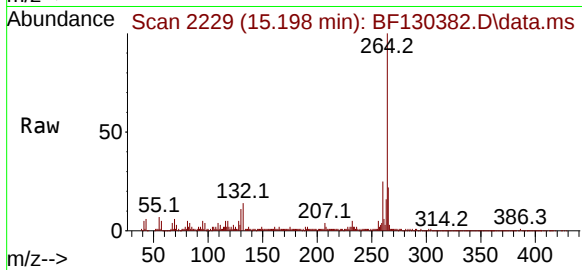
Tgt Ion:264 Resp: 171016

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.9 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.283 ng

RT: 16.515 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

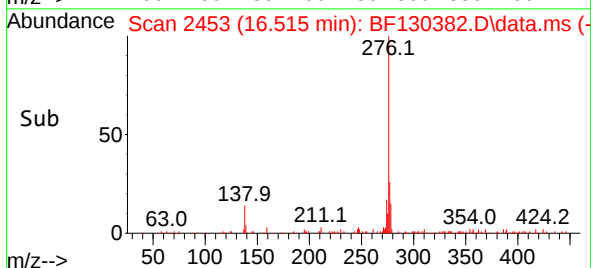
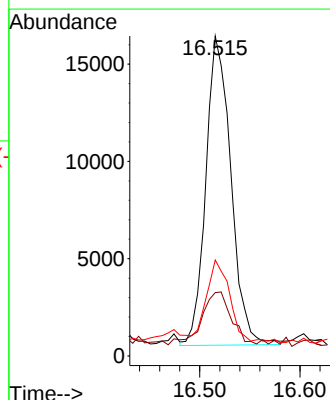
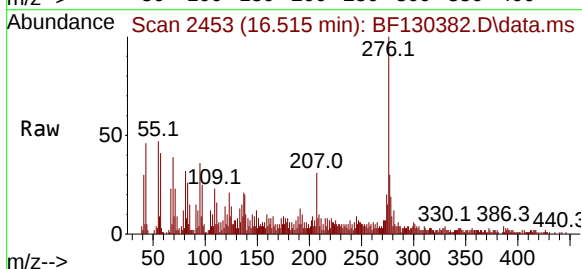
Tgt Ion:276 Resp: 27692

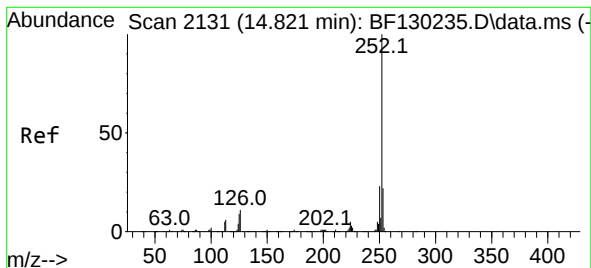
Ion Ratio Lower Upper

276 100

138 20.0 18.5 27.7

277 22.6 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 8.267 ng

RT: 14.804 min Scan# 2162

Delta R.T. 0.006 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

Instrument :

BNA_F

ClientSampleId :

NB-07-092122

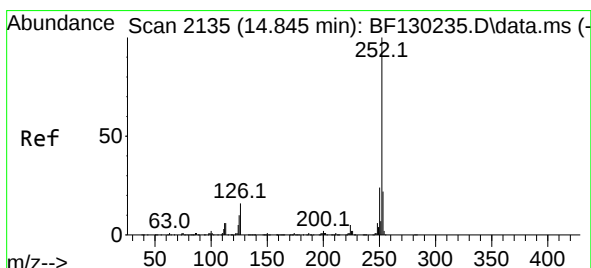
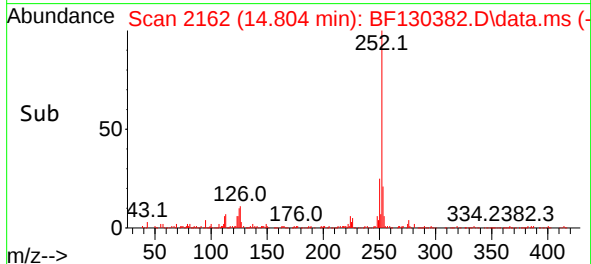
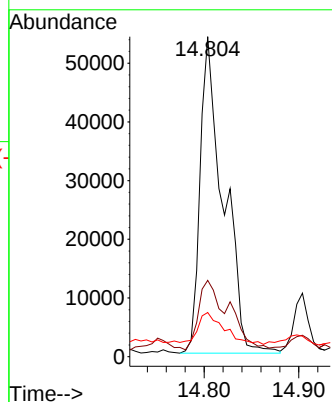
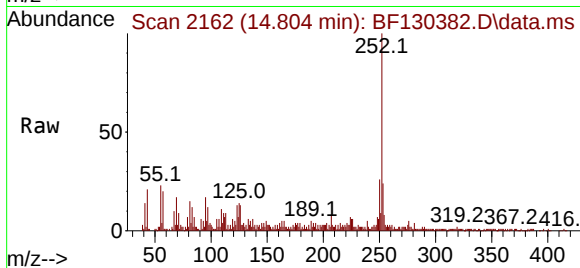
Tgt Ion:252 Resp: 92277

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 13.8 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 8.404 ng

RT: 14.804 min Scan# 2162

Delta R.T. -0.023 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

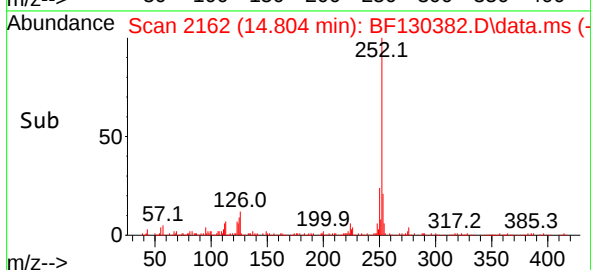
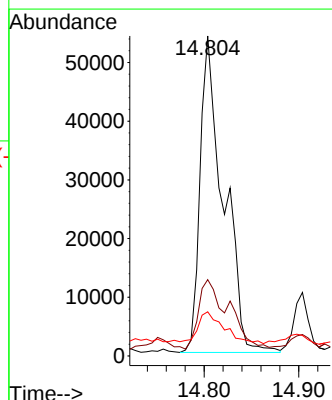
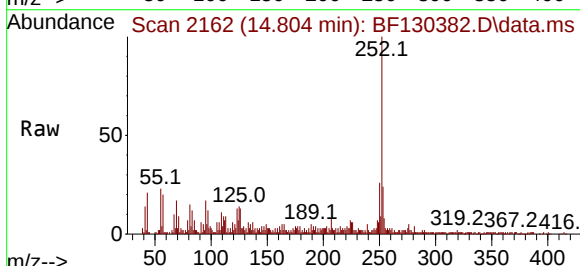
Tgt Ion:252 Resp: 92277

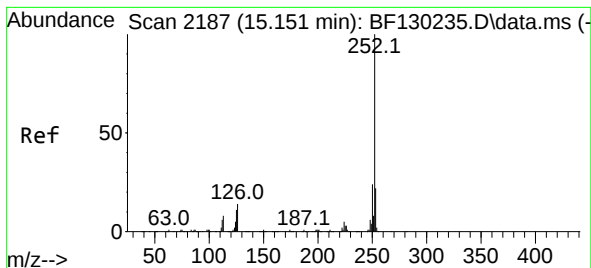
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 13.8 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 5.068 ng

RT: 15.133 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

Instrument :

BNA_F

ClientSampleId :

NB-07-092122

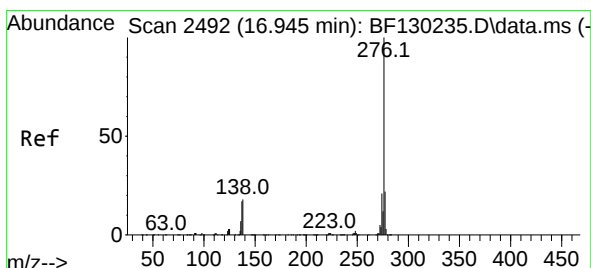
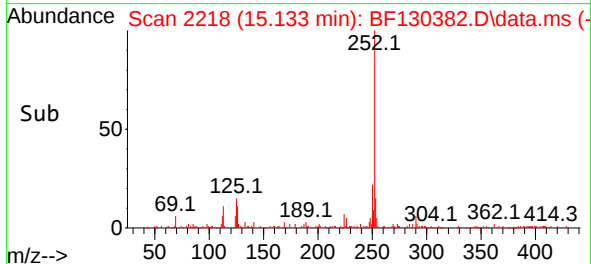
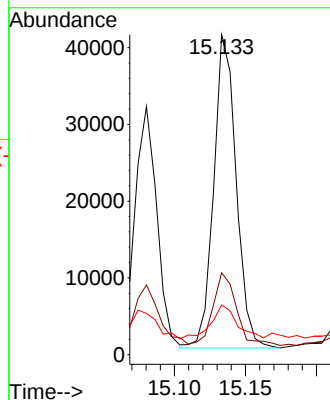
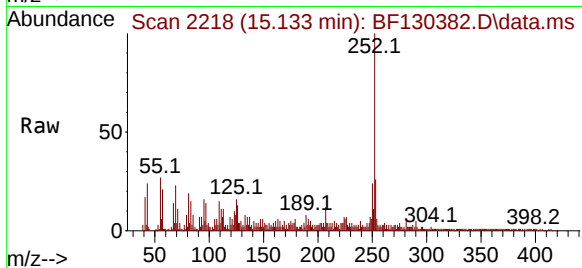
Tgt Ion:252 Resp: 44819

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.6

125 15.6 9.0 13.6#



#92

Benzo(g,h,i)perylene

Concen: 2.822 ng

RT: 16.921 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF130382.D

Acq: 22 Sep 2022 18:43

Tgt Ion:276 Resp: 28281

Ion Ratio Lower Upper

276 100

277 29.1 18.6 27.8#

138 20.9 14.6 21.8

