

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134576.D
 Acq On : 02 Aug 2023 12:58
 Operator : CG\JU
 Sample : 03686-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-0-2-20230719

Quant Time: Aug 02 13:22:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

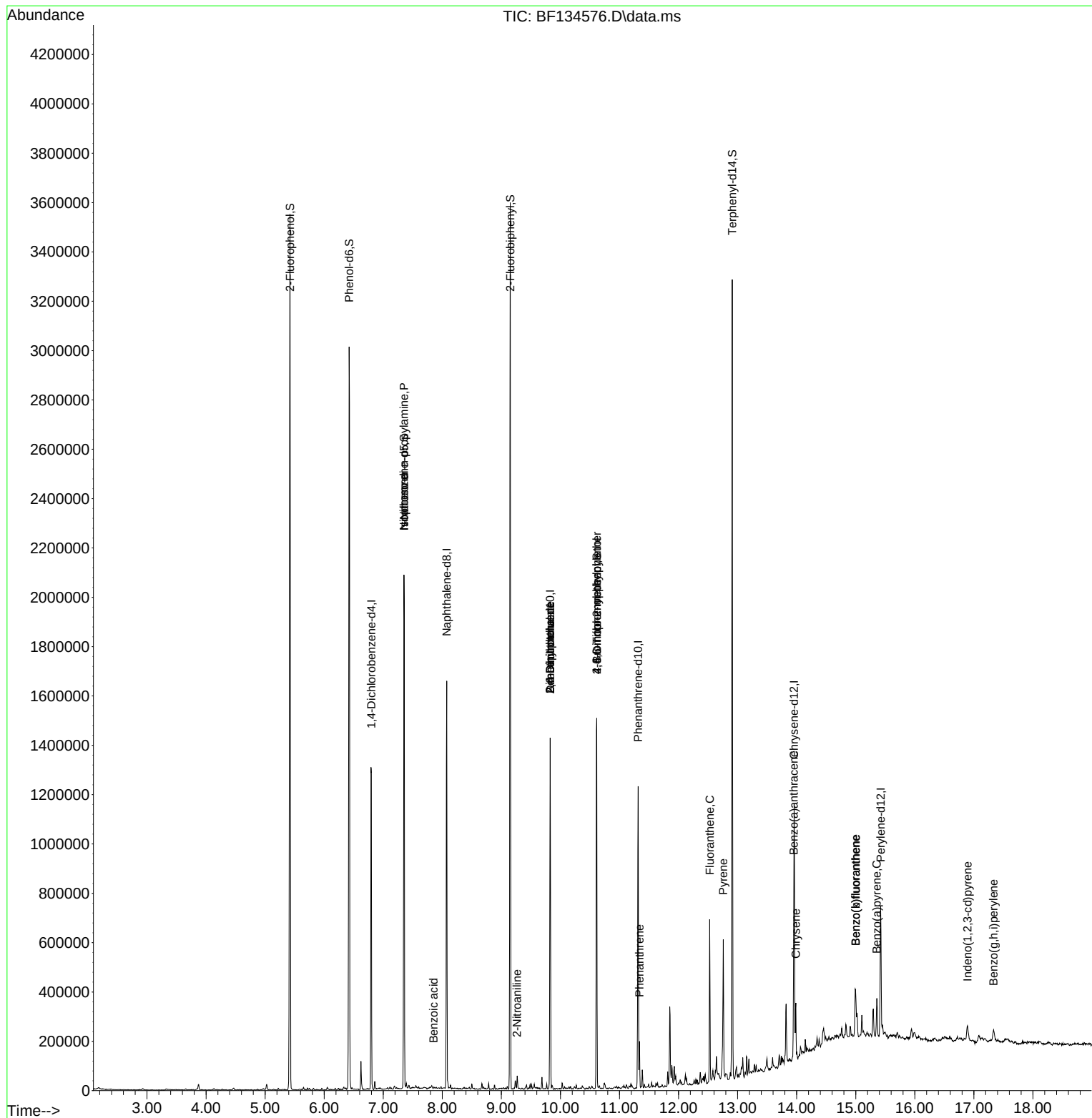
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	187494	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	654453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	244396	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	422517	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	290201	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	238882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	919153	74.520	ng	0.00
7) Phenol-d6	6.422	99	1132628	71.835	ng	0.00
23) Nitrobenzene-d5	7.351	82	641353	61.242	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	173438	69.615	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1006846	68.499	ng	0.00
79) Terphenyl-d14	12.910	244	1030220	62.582	ng	0.00
Target Compounds						
9) Benzaldehyde	6.351	77	1309	Below Cal		Qvalue # 75
19) n-Nitroso-di-n-propyla...	7.351	70	85169	9.022	ng	# 76
25) Isophorone	7.351	82	640222	28.029	ng	# 65
32) Benzoic acid	7.851	122	72	7.876	ng	# 45
48) 2-Nitroaniline	9.263	65	656	3.304	ng	# 8
50) Dimethylphthalate	9.828	163	50569	3.036	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	32416	11.500	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	32416	10.247	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	554	8.965	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	11037	2.386	ng	# 1
71) Phenanthrene	11.339	178	66288	2.954	ng	97
75) Fluoranthene	12.527	202	228740	9.649	ng	97
78) Pyrene	12.757	202	205040	8.165	ng	98
81) Benzo(a)anthracene	13.951	228	102322	4.931	ng	93
83) Chrysene	13.986	228	92486	4.575	ng	96
87) Indeno(1,2,3-cd)pyrene	16.892	276	47890	3.409	ng	# 94
88) Benzo(b)fluoranthene	14.998	252	148997	10.227	ng	# 94
89) Benzo(k)fluoranthene	14.998	252	148997	10.266	ng	# 96
90) Benzo(a)pyrene	15.357	252	74765	5.504	ng	# 94
92) Benzo(g,h,i)perylene	17.333	276	41975	3.624	ng	# 83

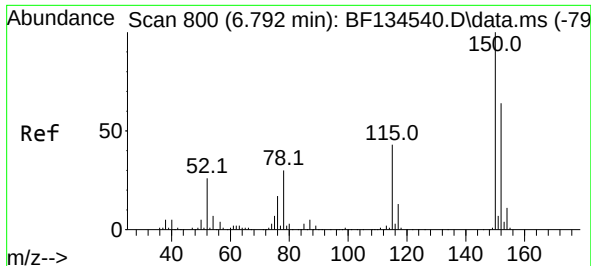
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134576.D
Acq On : 02 Aug 2023 12:58
Operator : CG\JU
Sample : 03686-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

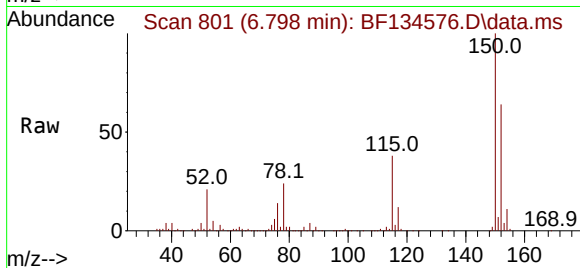
Quant Time: Aug 02 13:22:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration



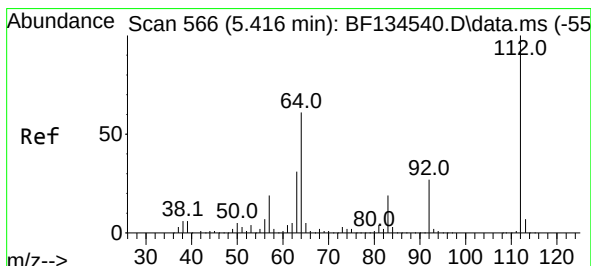
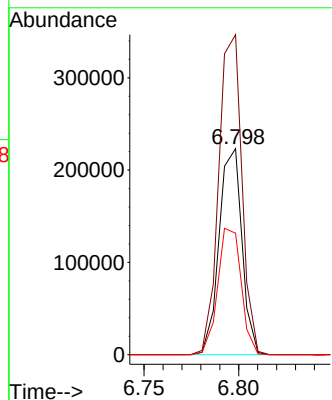
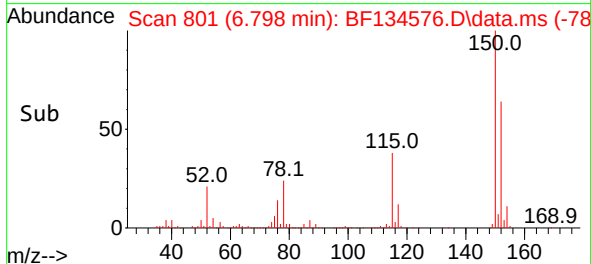


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

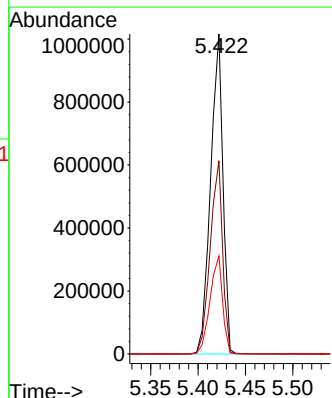
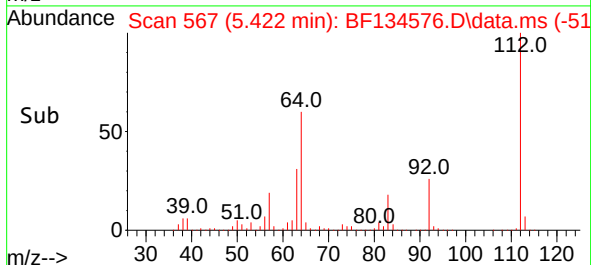
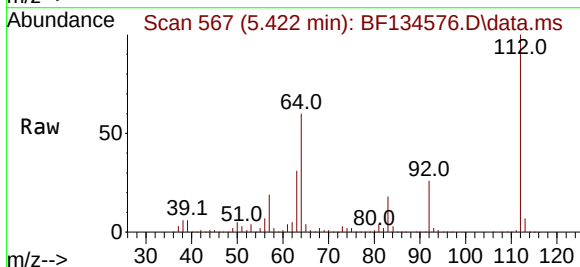


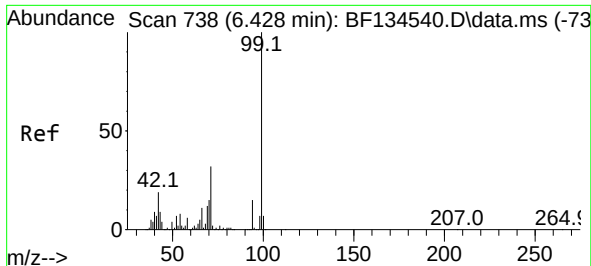
Tgt Ion:152 Resp: 187494
Ion Ratio Lower Upper
152 100
150 155.2 128.3 192.5
115 58.9 52.4 78.6



#5
2-Fluorophenol
Concen: 74.520 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion:112 Resp: 919153
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 30.6 25.4 38.0

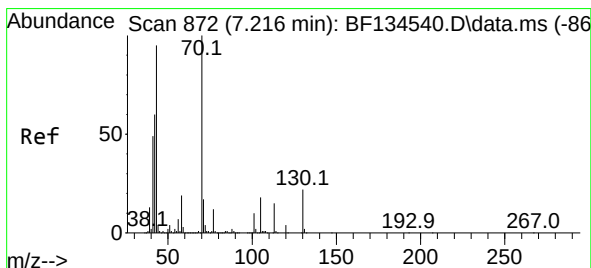
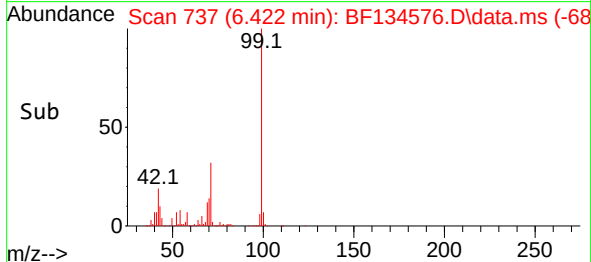
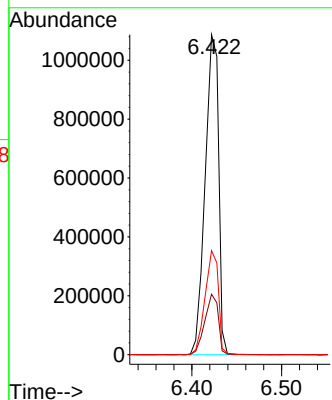
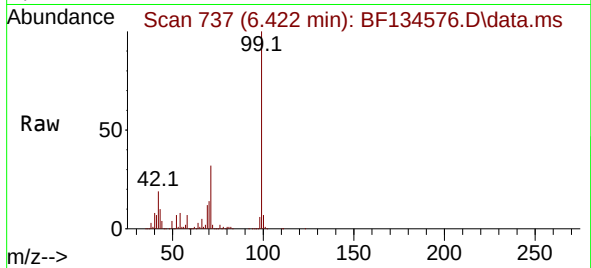




#7
Phenol-d6
Concen: 71.835 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

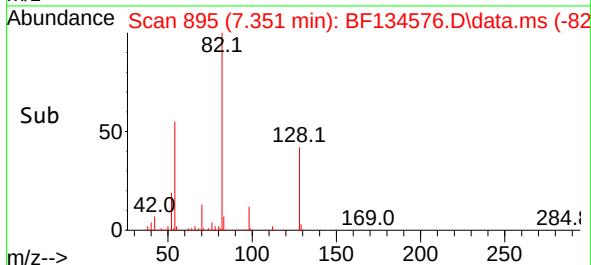
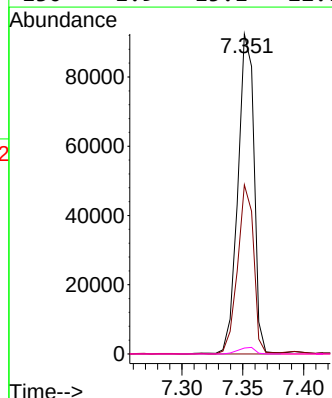
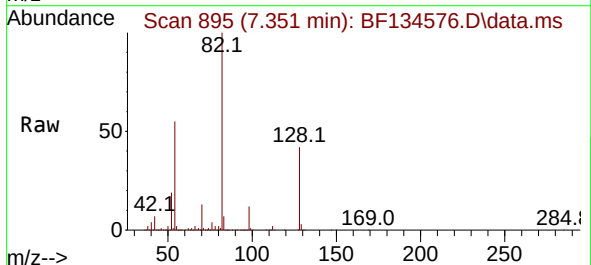
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

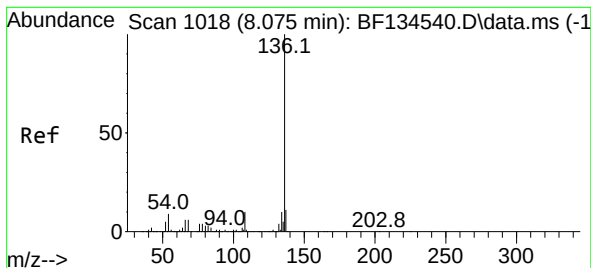
Tgt Ion: 99 Resp: 1132628
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.022 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion: 70 Resp: 85169
Ion Ratio Lower Upper
70 100
42 52.9 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

Tgt Ion:136 Resp: 654453

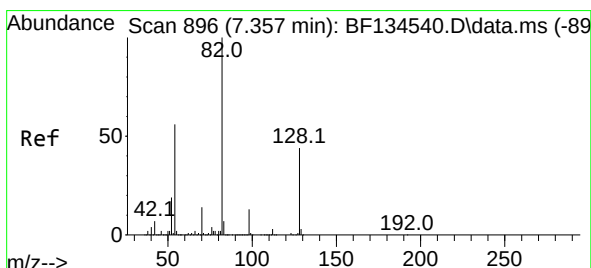
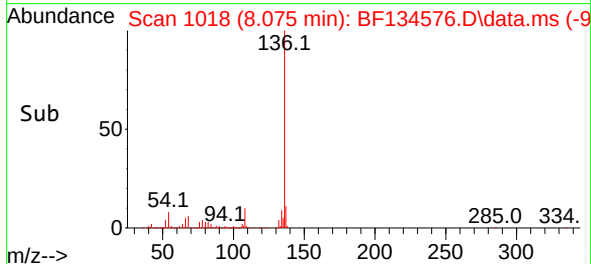
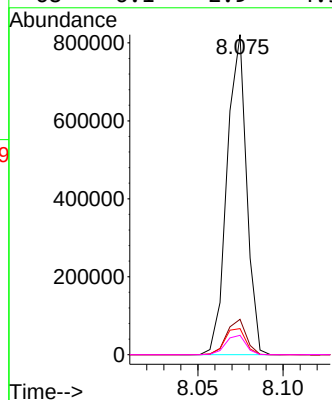
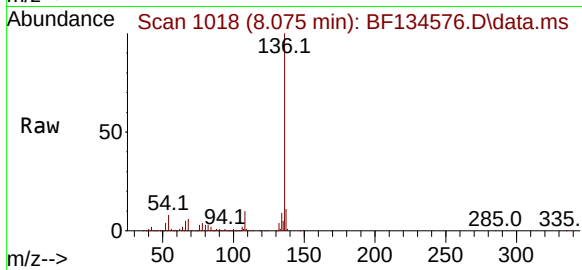
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.2 5.2 7.8#

68 6.1 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 61.242 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

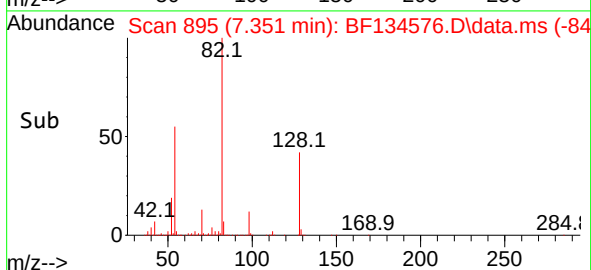
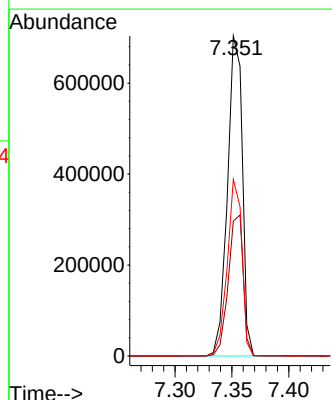
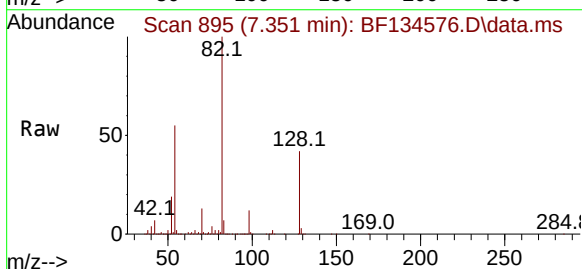
Tgt Ion: 82 Resp: 641353

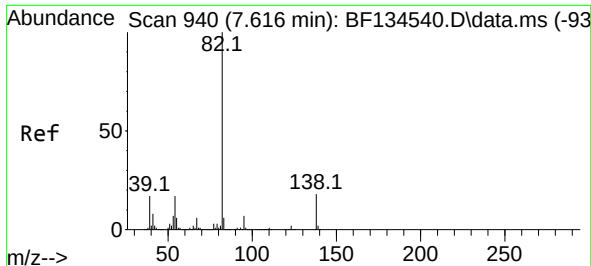
Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

54 55.2 43.8 65.6

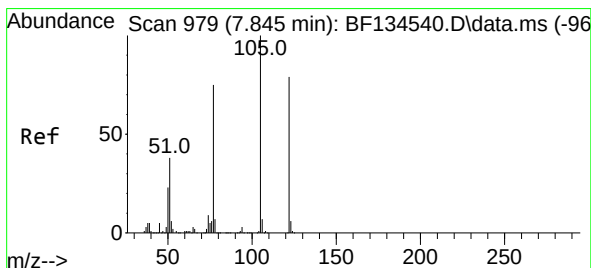
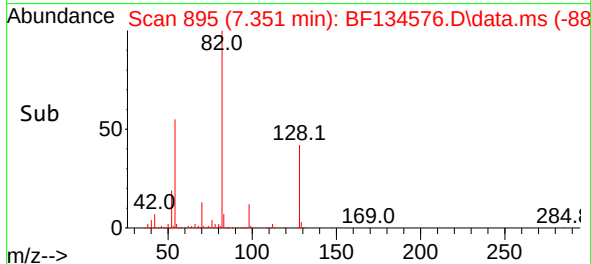
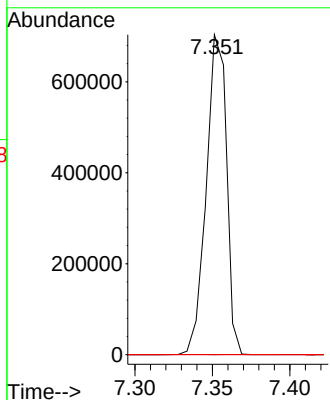
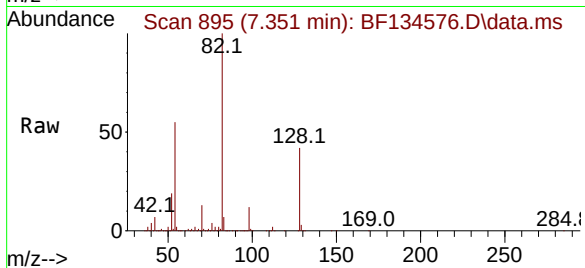




#25
Isophorone
Concen: 28.029 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

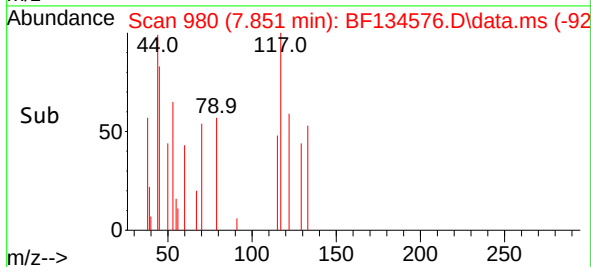
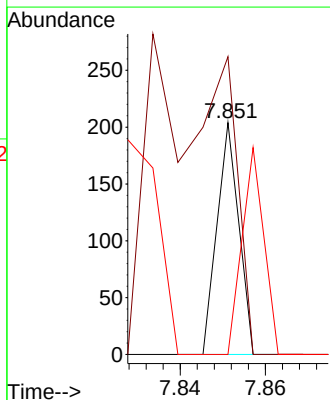
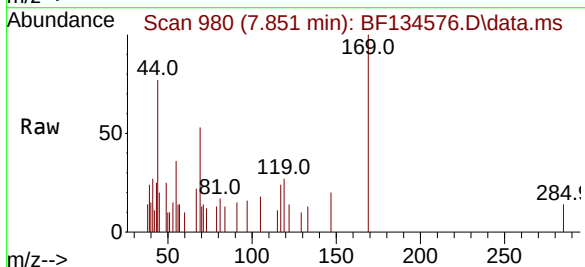
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

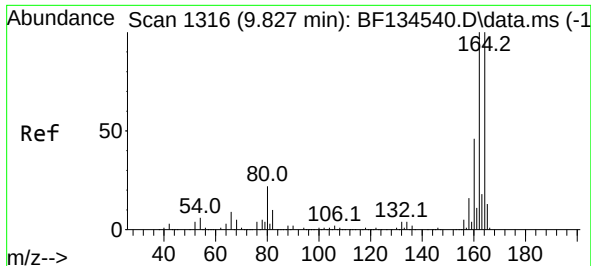
Tgt Ion: 82 Resp: 640222
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.876 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

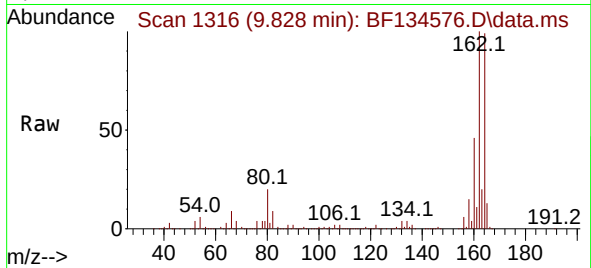
Tgt Ion: 122 Resp: 72
Ion Ratio Lower Upper
122 100
105 128.4 87.5 127.5#
77 0.0 71.4 111.4#



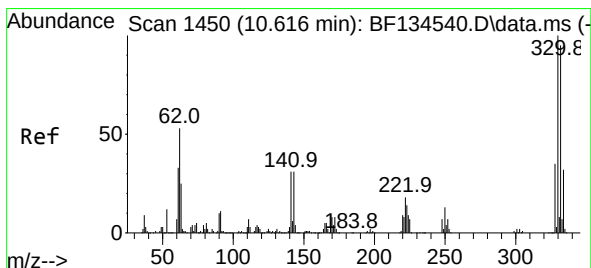
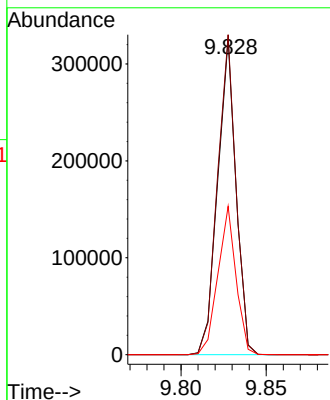
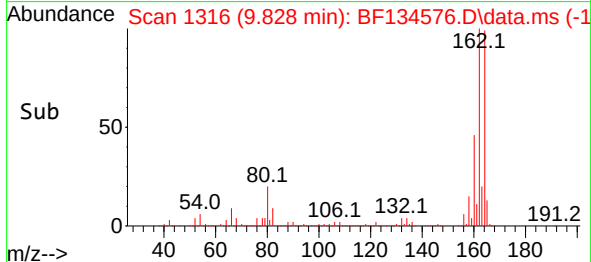


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

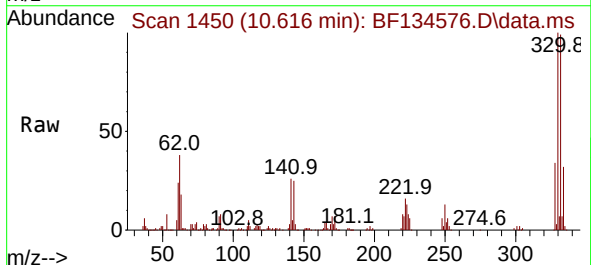
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719



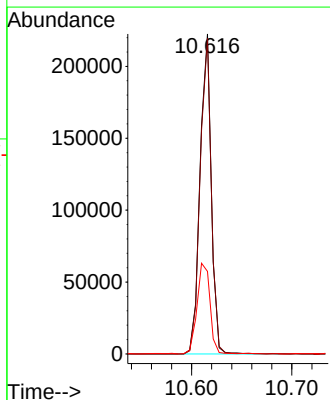
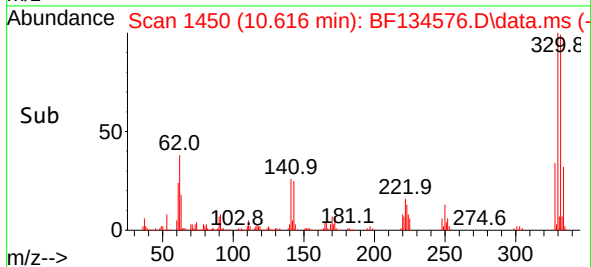
Tgt Ion:164 Resp: 244396
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 47.0 37.2 55.8

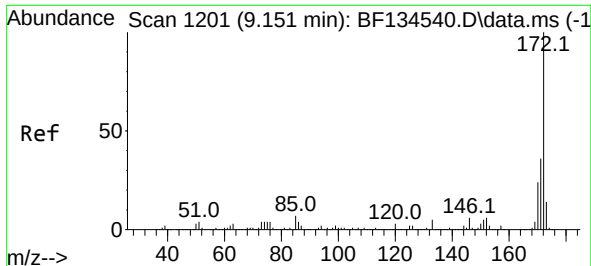


#42
2,4,6-Tribromophenol
Concen: 69.615 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58



Tgt Ion:330 Resp: 173438
Ion Ratio Lower Upper
330 100
332 98.5 78.8 118.2
141 32.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.499 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

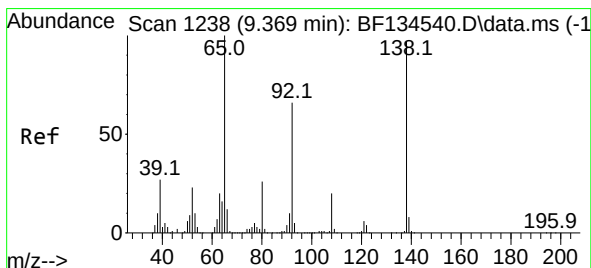
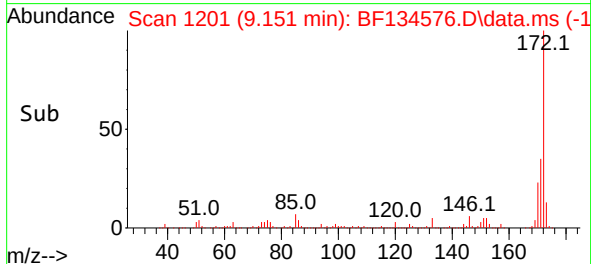
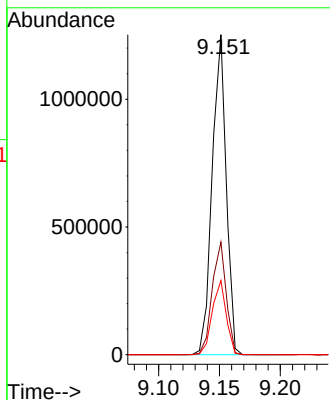
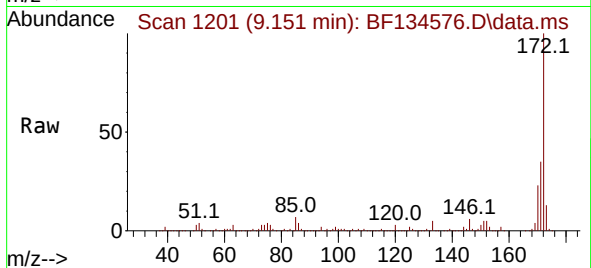
Tgt Ion:172 Resp: 1006846

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.304 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.106 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

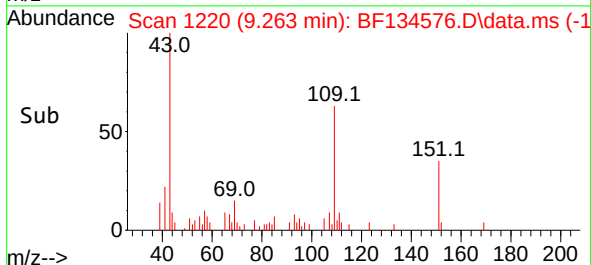
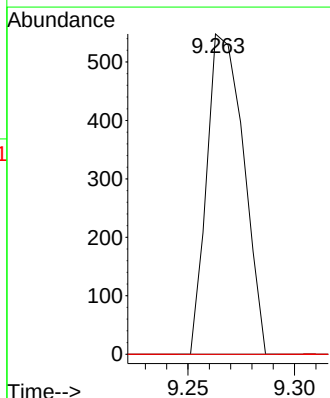
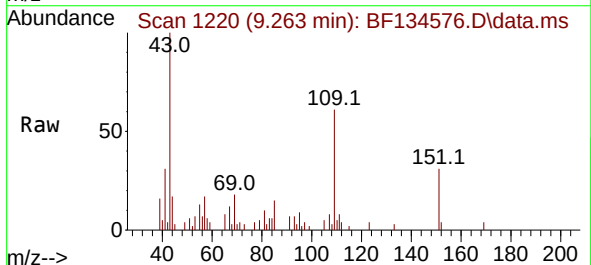
Tgt Ion: 65 Resp: 656

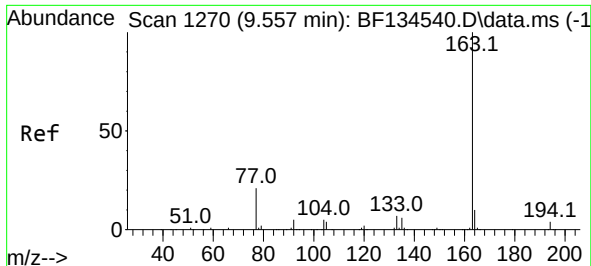
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

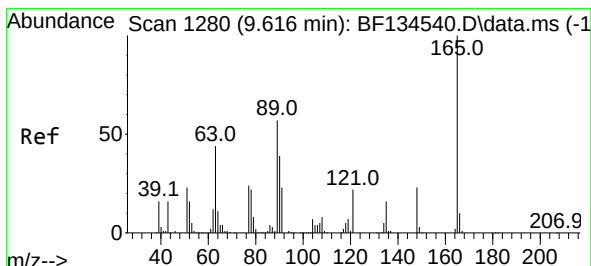
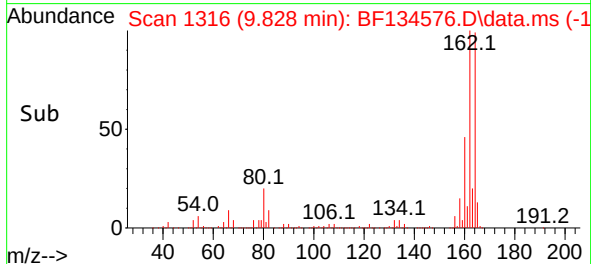
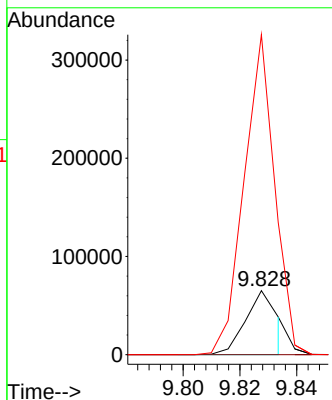
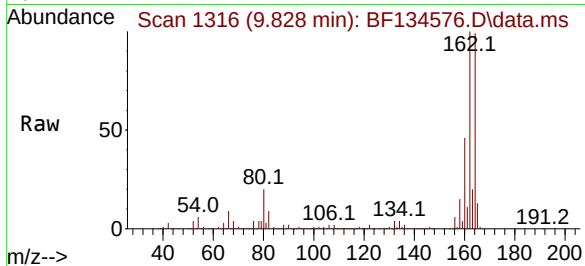




#50
Dimethylphthalate
Concen: 3.036 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

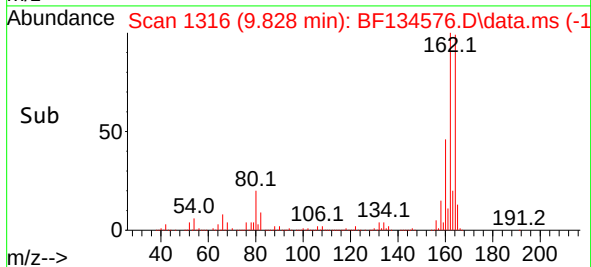
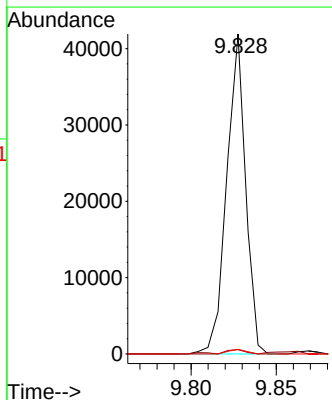
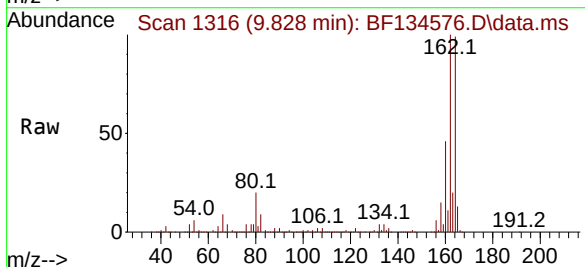
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

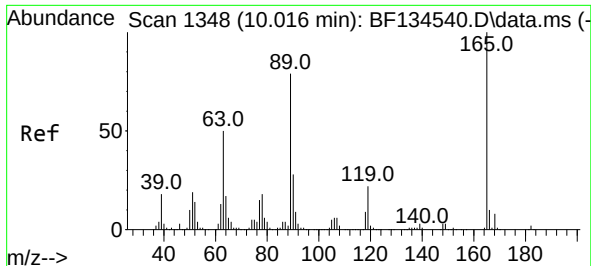
Tgt Ion:163 Resp: 50569
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 499.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.500 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion:165 Resp: 32416
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#

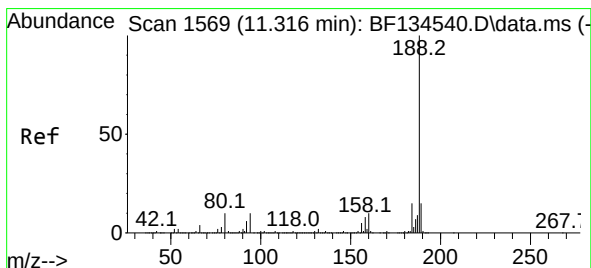
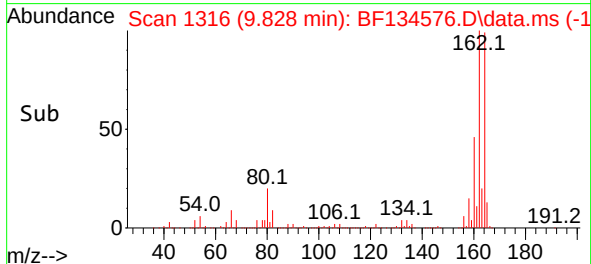
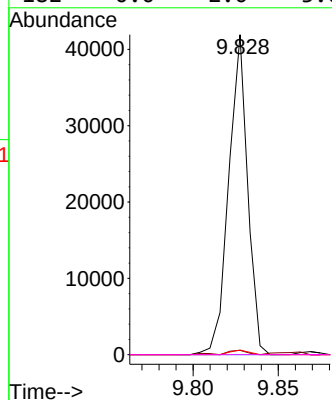
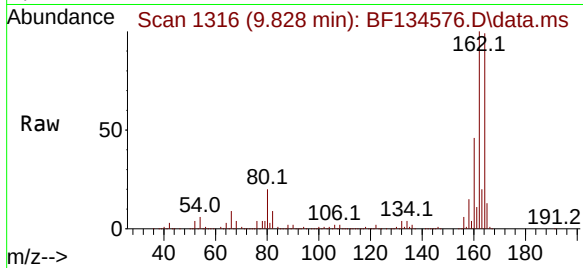




#57
2,4-Dinitrotoluene
Concen: 10.247 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

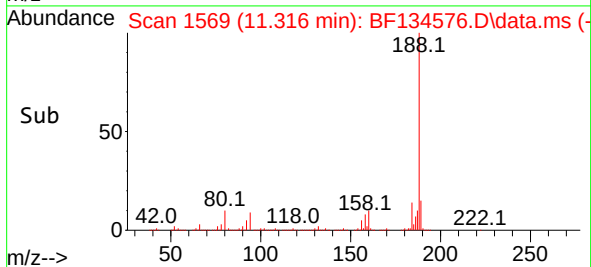
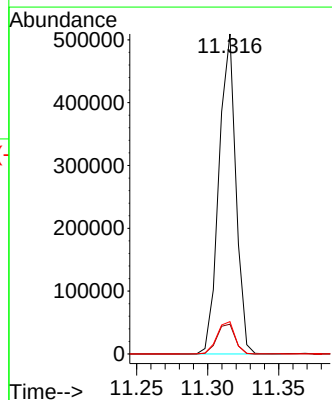
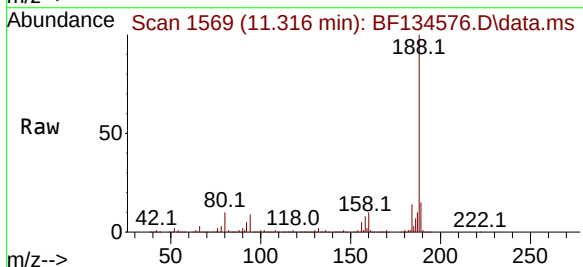
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

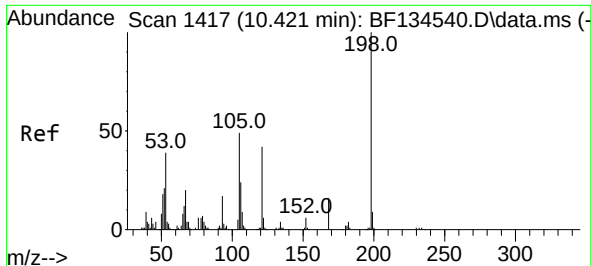
Tgt Ion:165 Resp: 32416
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion:188 Resp: 422517
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.1 6.6 9.8#

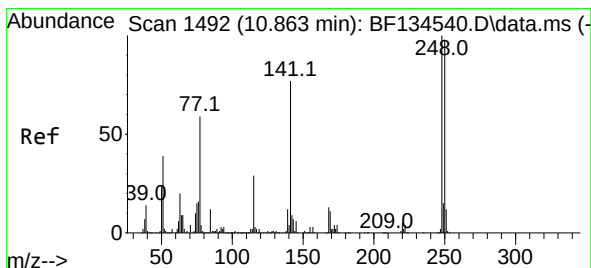
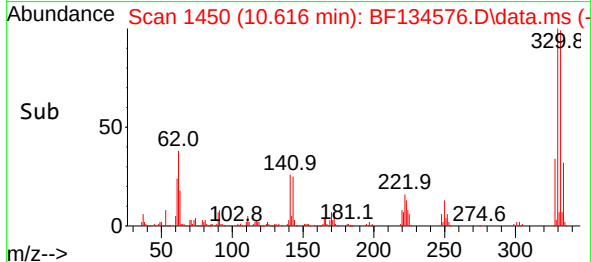
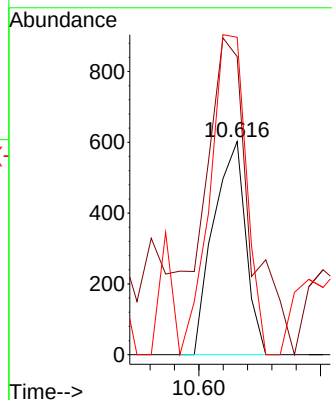
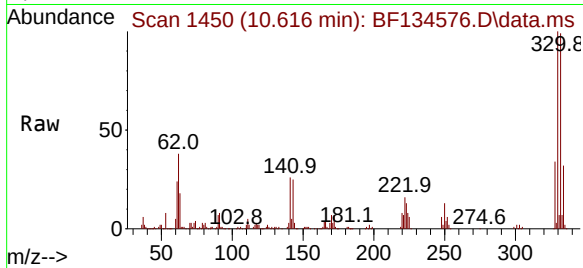




#65
4,6-Dinitro-2-methylphenol
Concen: 8.965 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

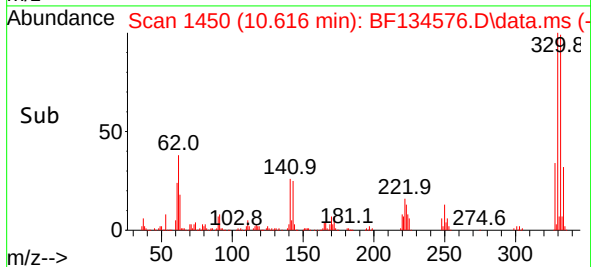
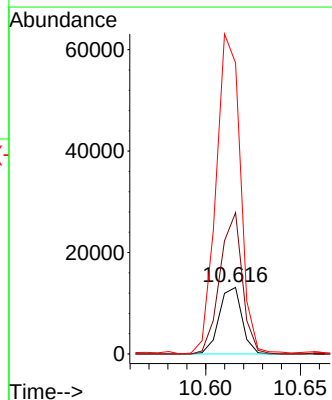
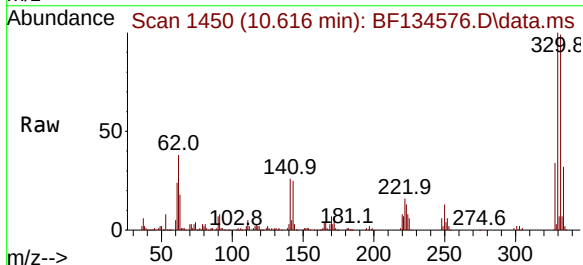
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

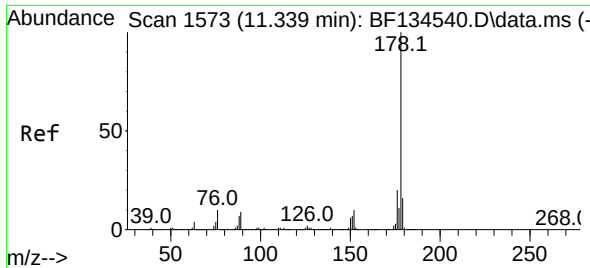
Tgt Ion:198 Resp: 554
Ion Ratio Lower Upper
198 100
51 139.9 38.6 78.6#
105 149.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.386 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion:248 Resp: 11037
Ion Ratio Lower Upper
248 100
250 212.0 79.6 119.4#
141 436.9 59.6 89.4#

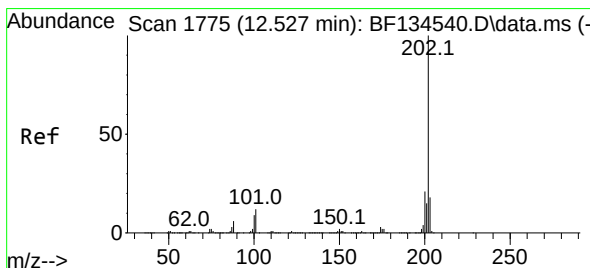
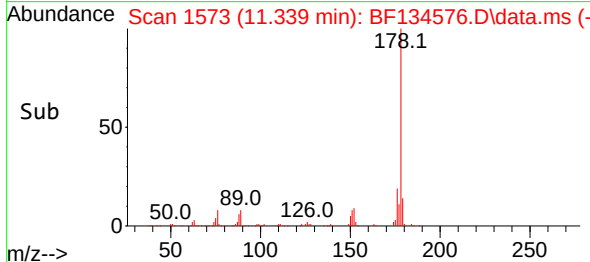
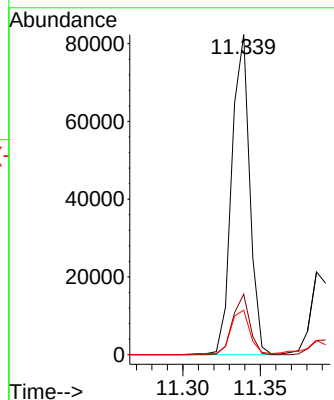
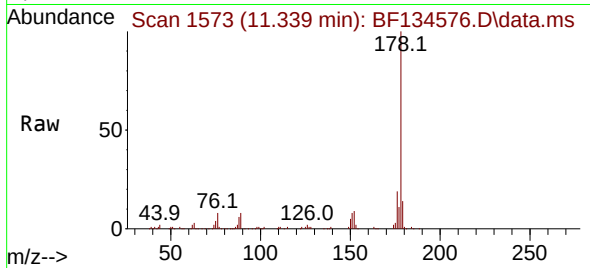




#71
Phenanthrene
Concen: 2.954 ng
RT: 11.339 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

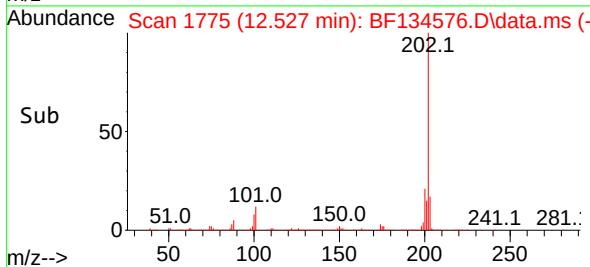
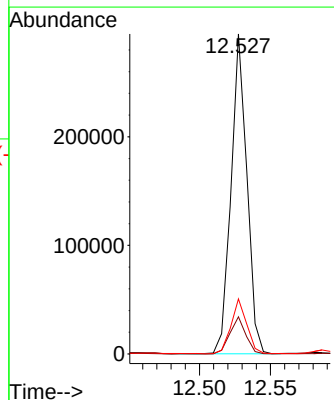
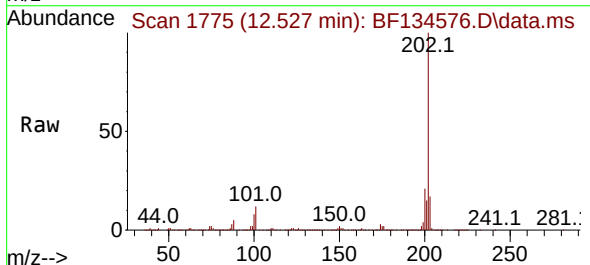
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

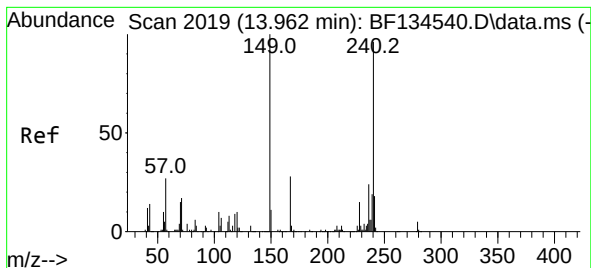
Tgt Ion:178 Resp: 66288
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 13.9 12.7 19.1



#75
Fluoranthene
Concen: 9.649 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Tgt Ion:202 Resp: 228740
Ion Ratio Lower Upper
202 100
101 11.6 0.0 28.5
203 17.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

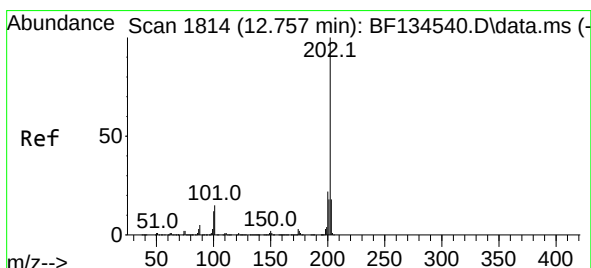
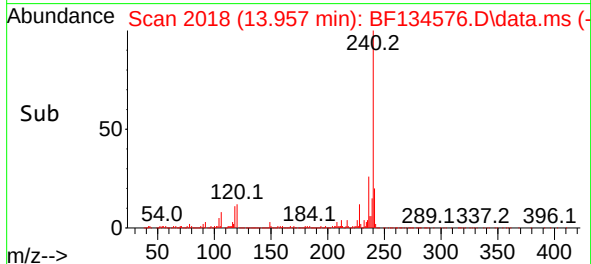
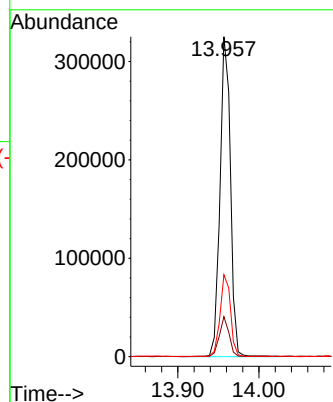
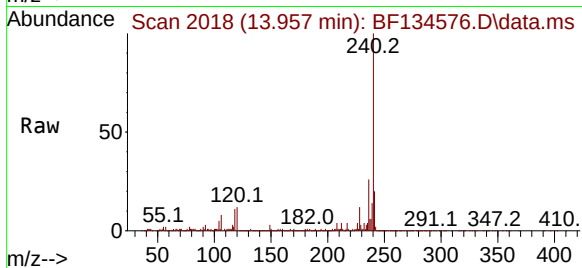
Tgt Ion:240 Resp: 290201

Ion Ratio Lower Upper

240 100

120 12.5 6.6 10.0#

236 25.6 20.2 30.2



#78

Pyrene

Concen: 8.165 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

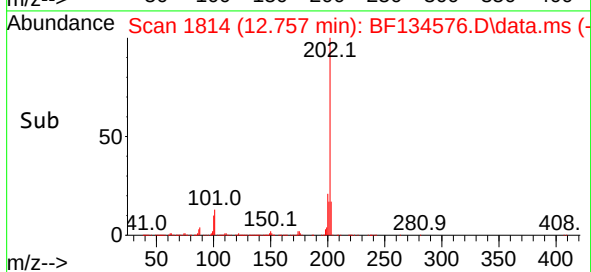
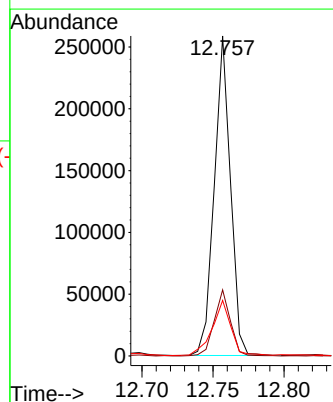
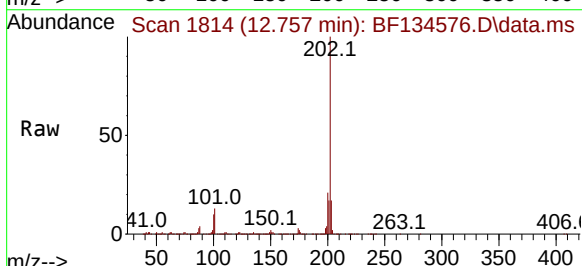
Tgt Ion:202 Resp: 205040

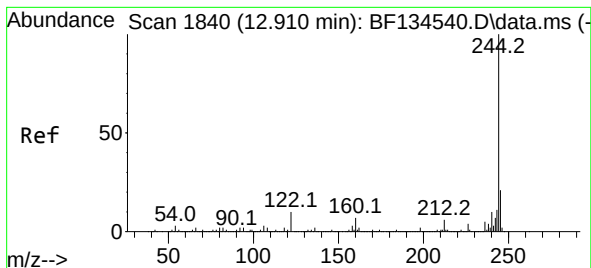
Ion Ratio Lower Upper

202 100

200 20.7 15.8 23.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 62.582 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

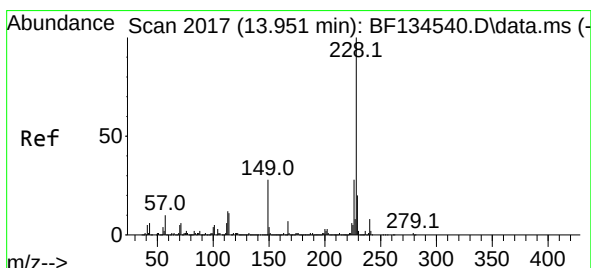
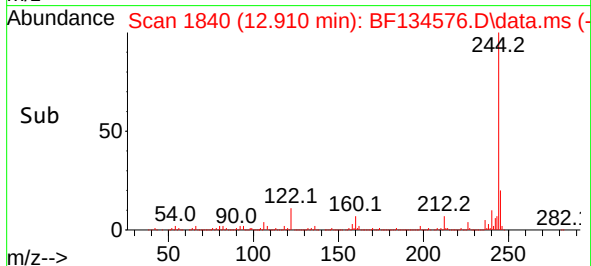
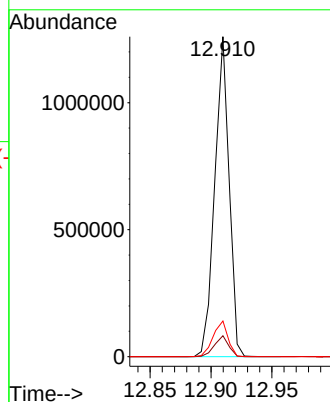
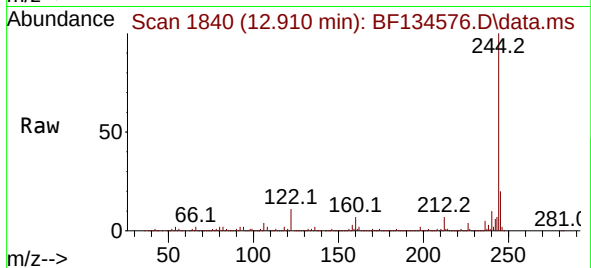
Tgt Ion:244 Resp: 1030220

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.1 8.0 12.0



#81

Benzo(a)anthracene

Concen: 4.931 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

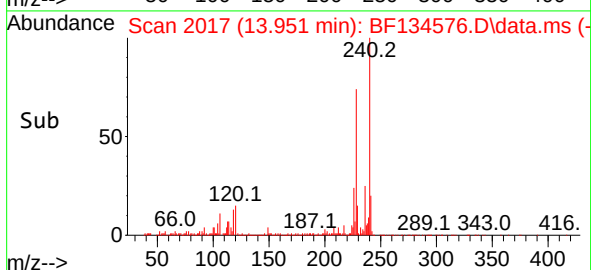
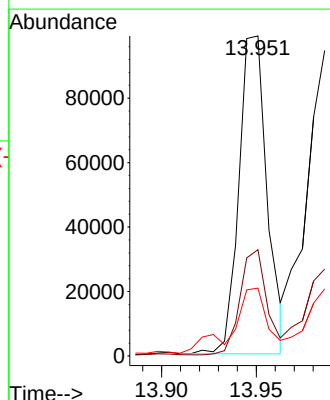
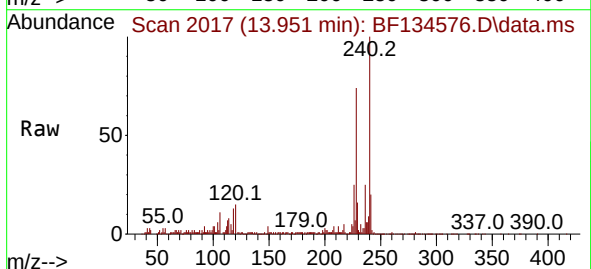
Tgt Ion:228 Resp: 102322

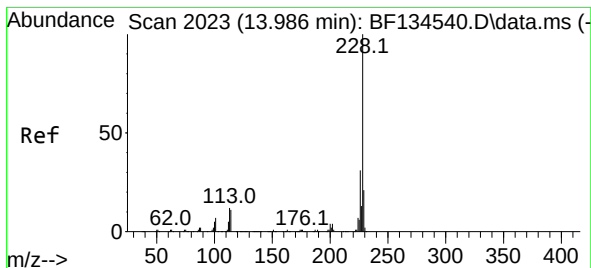
Ion Ratio Lower Upper

228 100

226 33.2 22.3 33.5

229 21.2 15.8 23.6





#83

Chrysene

Concen: 4.575 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

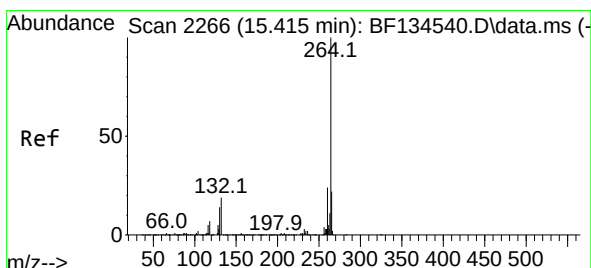
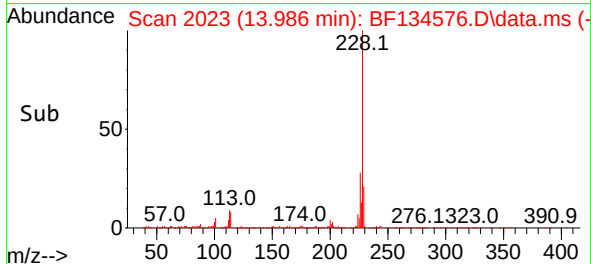
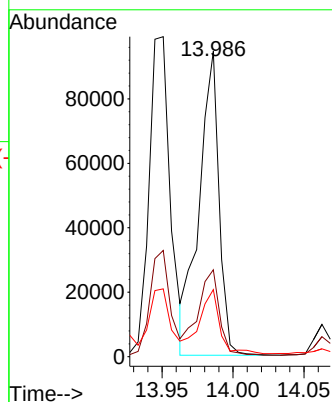
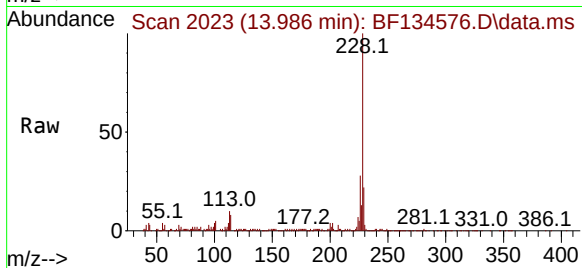
Tgt Ion:228 Resp: 92486

Ion Ratio Lower Upper

228 100

226 28.5 24.5 36.7

229 22.0 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

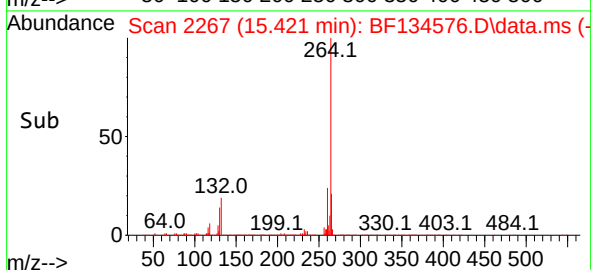
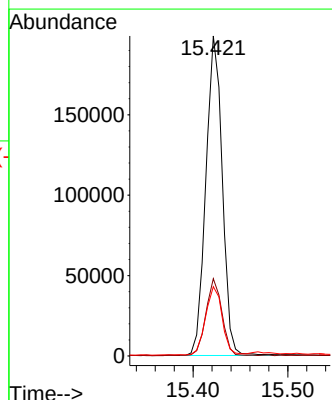
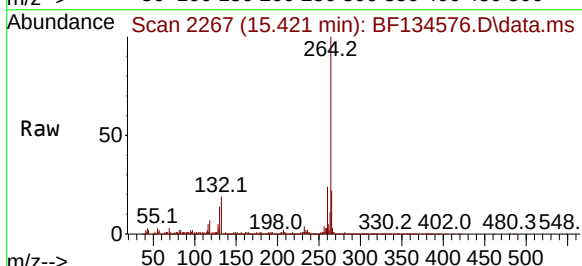
Tgt Ion:264 Resp: 238882

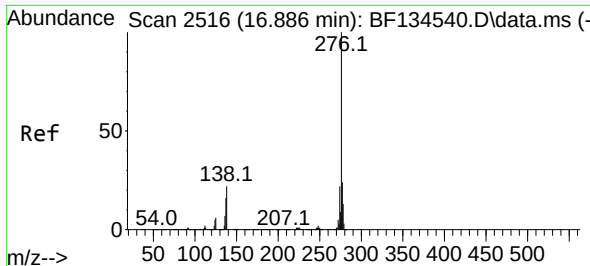
Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.7 15.8 23.8

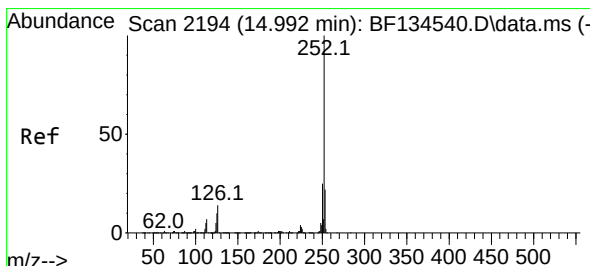
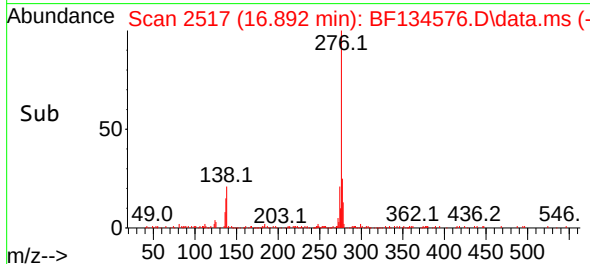
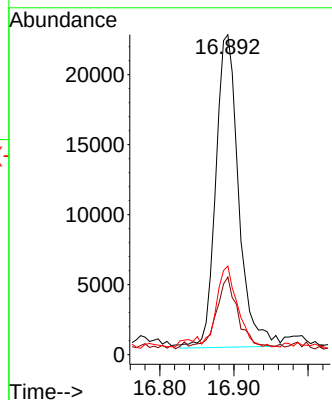
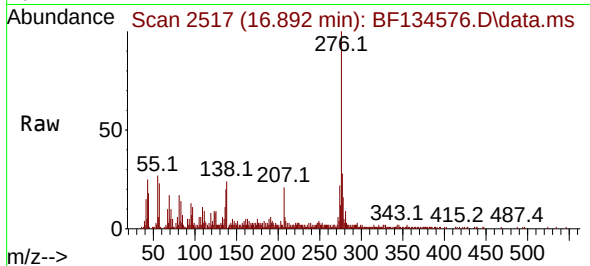




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.409 ng
 RT: 16.892 min Scan# 2117
 Delta R.T. 0.006 min
 Lab File: BF134576.D
 Acq: 02 Aug 2023 12:58

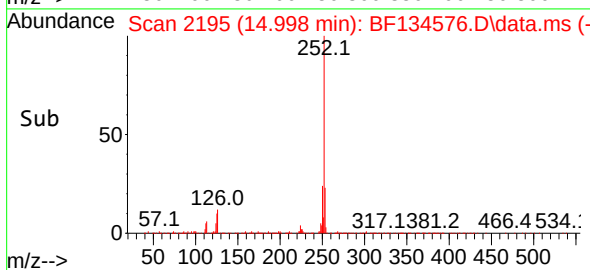
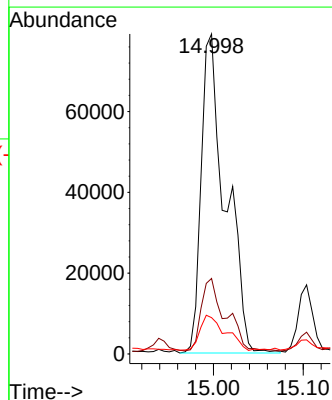
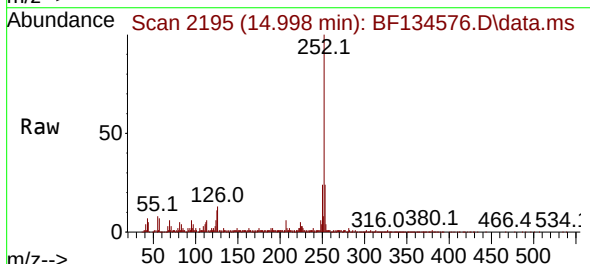
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-0-2-20230719

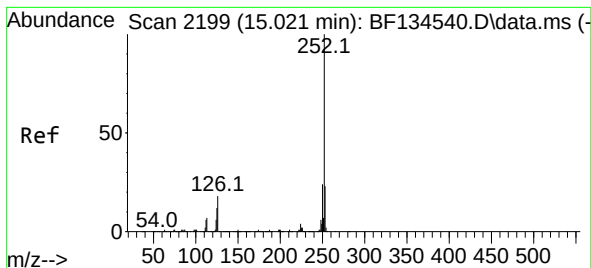
Tgt Ion:276 Resp: 47890
 Ion Ratio Lower Upper
 276 100
 138 22.6 14.2 21.4#
 277 23.5 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 10.227 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF134576.D
 Acq: 02 Aug 2023 12:58

Tgt Ion:252 Resp: 148997
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.3 25.9
 125 11.4 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 10.266 ng

RT: 14.998 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

Instrument :

BNA_F

ClientSampleId :

SB-21-0-2-20230719

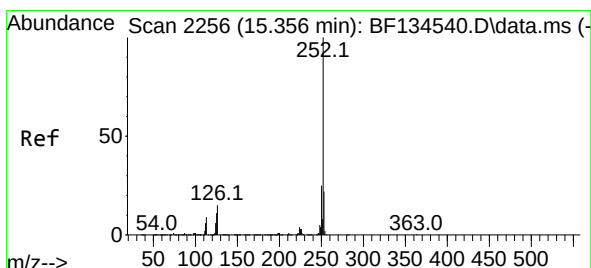
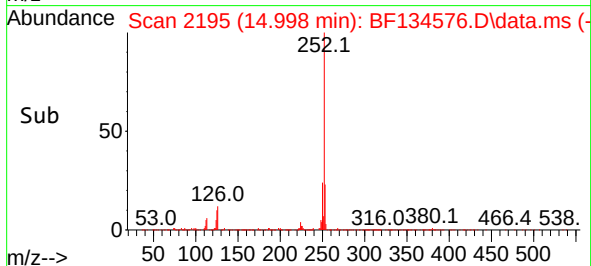
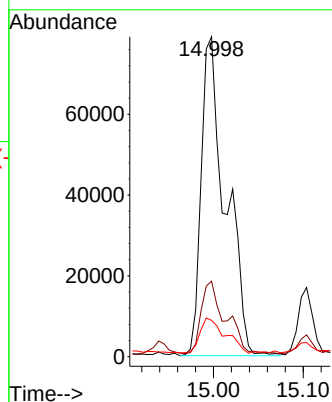
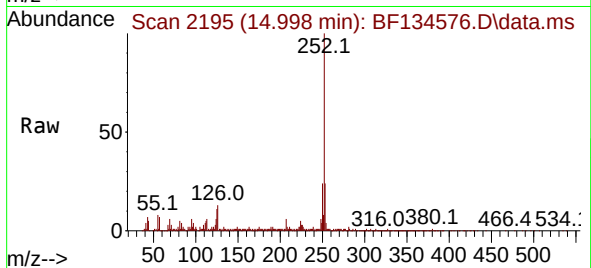
Tgt Ion:252 Resp: 148997

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 11.4 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 5.504 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF134576.D

Acq: 02 Aug 2023 12:58

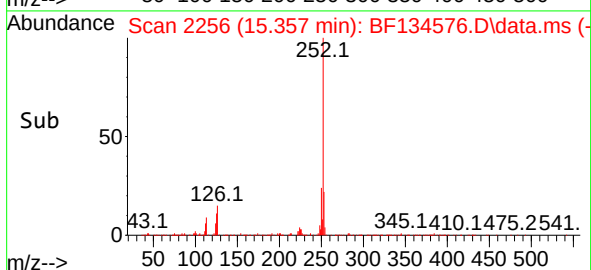
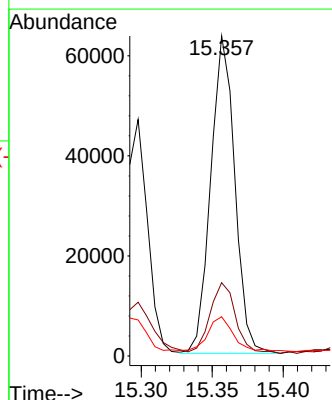
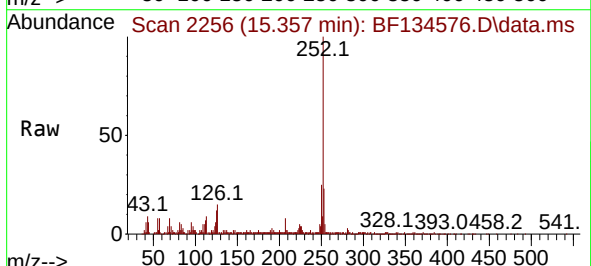
Tgt Ion:252 Resp: 74765

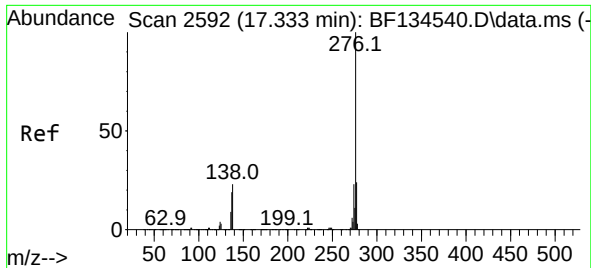
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

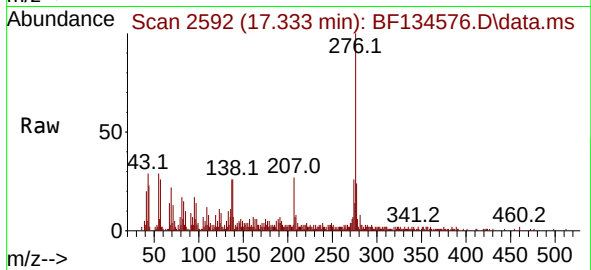
125 12.3 6.2 9.4#





#92
Benzo(g,h,i)perylene
Concen: 3.624 ng
RT: 17.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134576.D
Acq: 02 Aug 2023 12:58

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719



Tgt Ion: 276 Resp: 41975
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 32.5 12.2 18.2#

