

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134835.D
 Acq On : 18 Aug 2023 11:35
 Operator : CG\JU
 Sample : 04046-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-5)

Quant Time: Aug 18 11:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

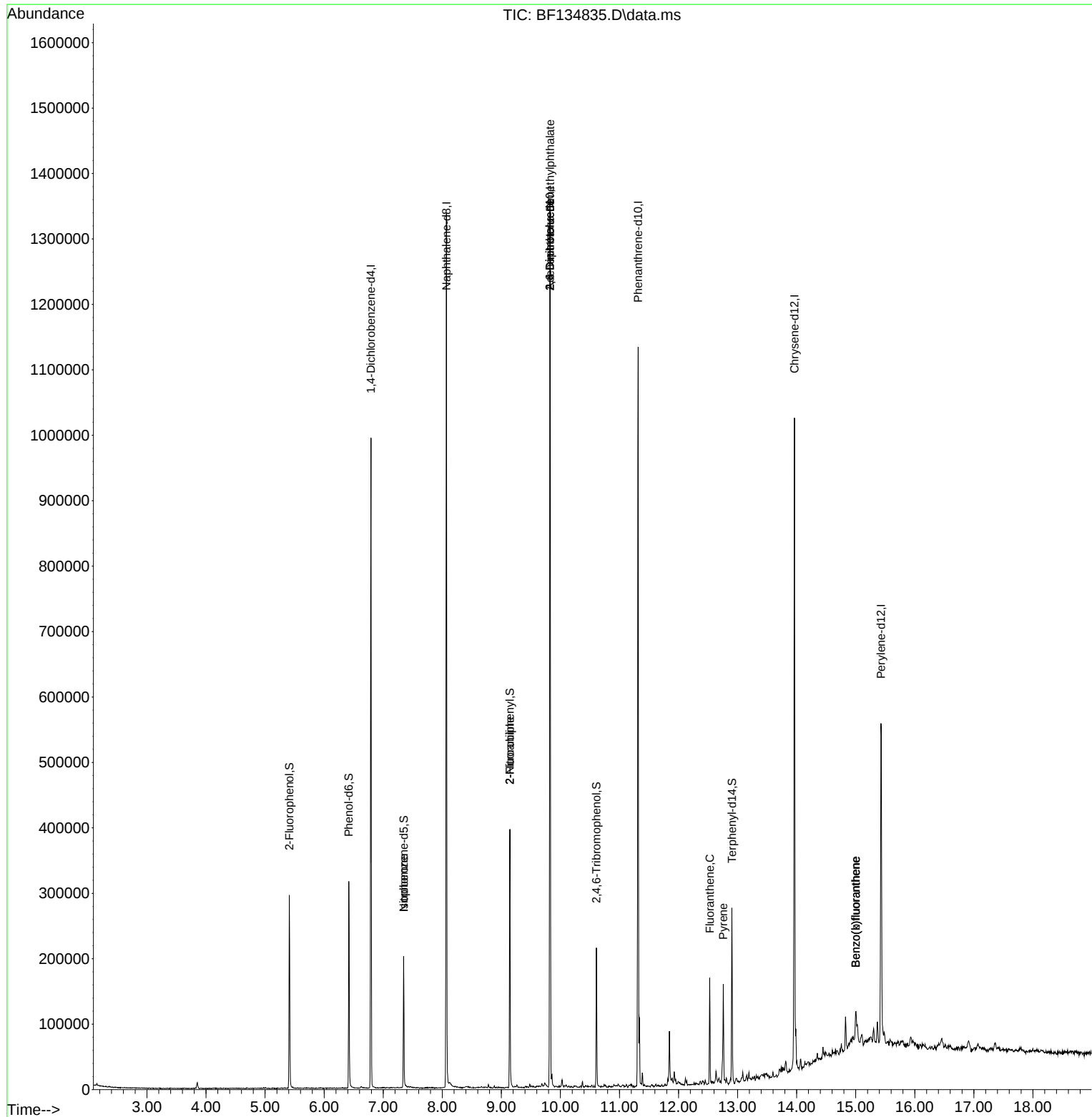
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	137943	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	545785	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	275779	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	411510	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	303275	20.000	ng	#-0.01
86) Perylene-d12	15.427	264	234803	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	75832	8.357	ng	-0.02
7) Phenol-d6	6.416	99	98288	8.473	ng	-0.02
23) Nitrobenzene-d5	7.346	82	57546	6.589	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	22794	8.108	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	120416	7.260	ng	-0.02
79) Terphenyl-d14	12.904	244	86242	5.013	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	76	Below Cal	#	3
25) Isophorone	7.346	82	56228	2.952	ng	# 65
48) 2-Nitroaniline	9.145	65	199	3.203	ng	# 1
50) Dimethylphthalate	9.828	163	57048	3.035	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	35914	11.336	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	35914	10.113	ng	# 18
75) Fluoranthene	12.528	202	58602	2.538	ng	98
78) Pyrene	12.757	202	55528	2.116	ng	99
88) Benzo(b)fluoranthene	14.998	252	32539	2.272	ng	# 86
89) Benzo(k)fluoranthene	14.998	252	32539	2.281	ng	# 88

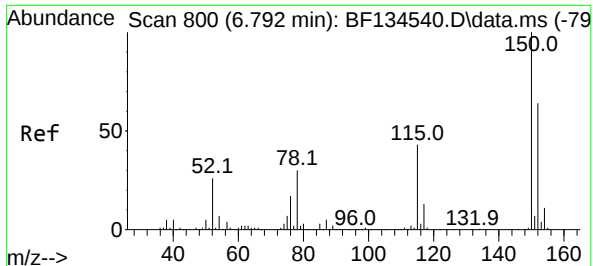
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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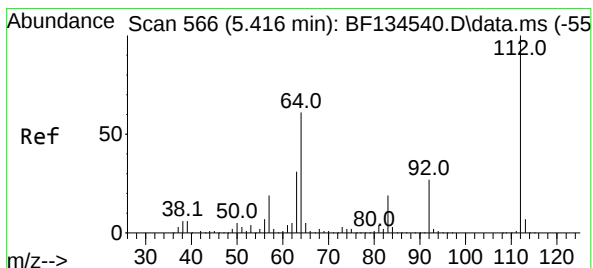
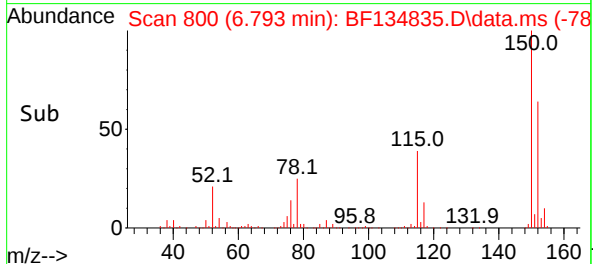
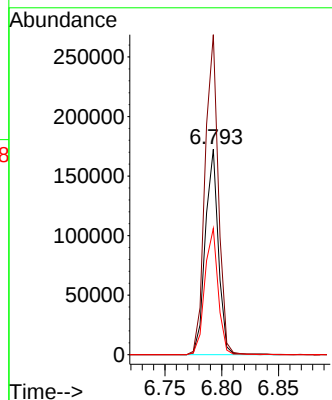
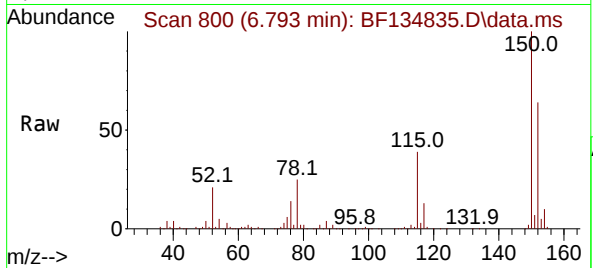




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

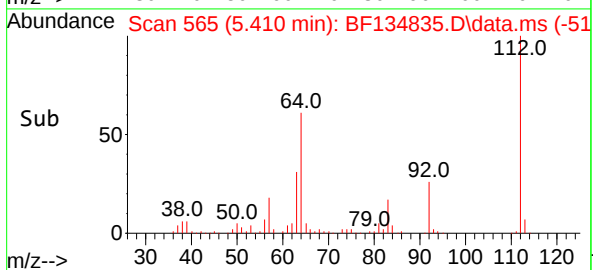
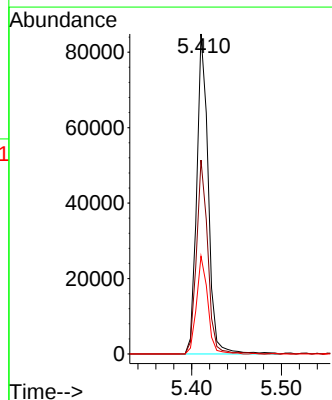
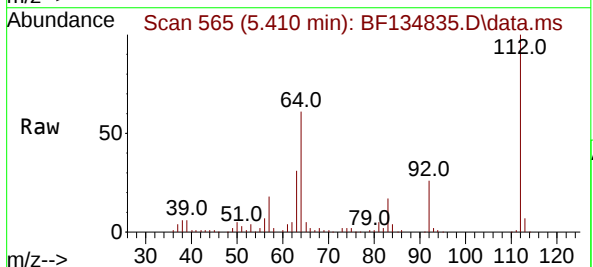
Instrument :
BNA_F
ClientSampleId :
SB-02(0-5)

Tgt Ion:152 Resp: 137943
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 61.4 52.4 78.6



#5
2-Fluorophenol
Concen: 8.357 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.017 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:112 Resp: 75832
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 30.5 25.4 38.0





#7
Phenol-d6
Concen: 8.473 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

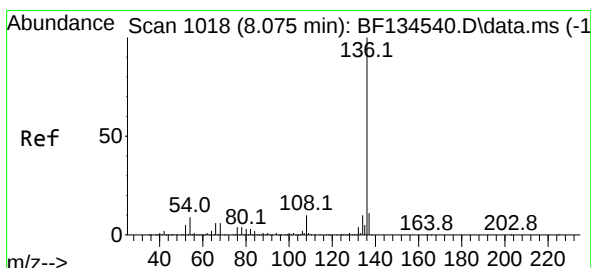
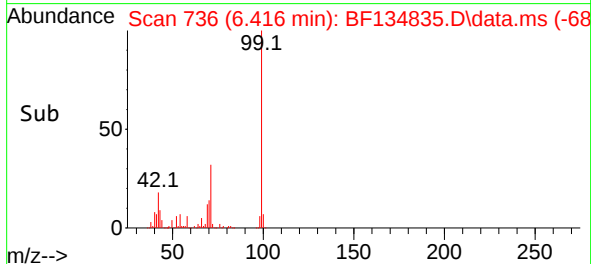
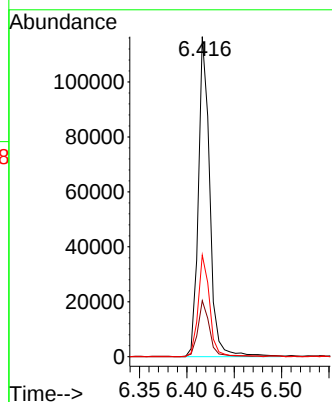
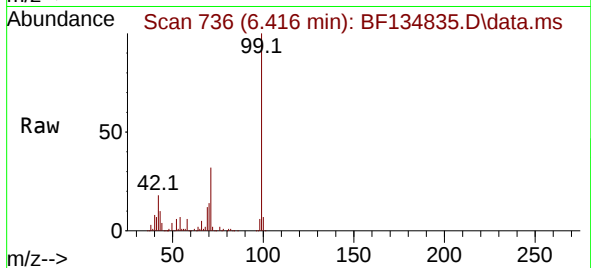
Instrument :

BNA_F

ClientSampleId :

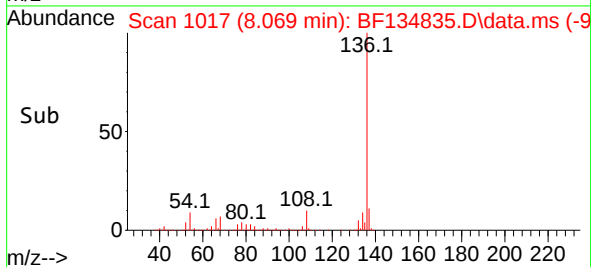
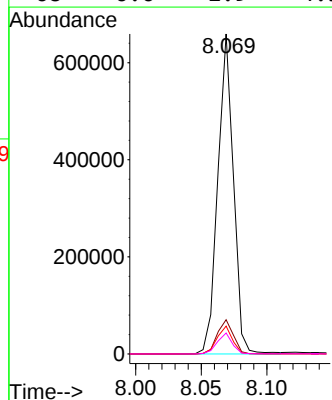
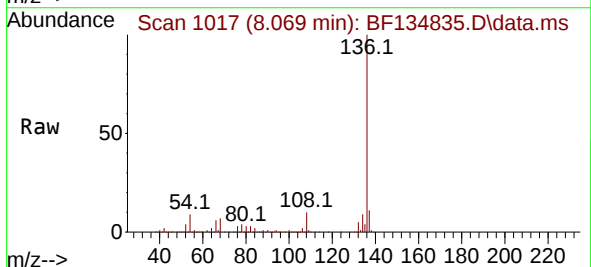
SB-02(0-5)

Tgt Ion: 99 Resp: 98288
Ion Ratio Lower Upper
99 100
42 17.5 18.7 28.1#
71 31.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion: 136 Resp: 545785
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 6.589 ng

RT: 7.346 min Scan# 894

Delta R.T. -0.023 min

Lab File: BF134835.D

Acq: 18 Aug 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-02(0-5)

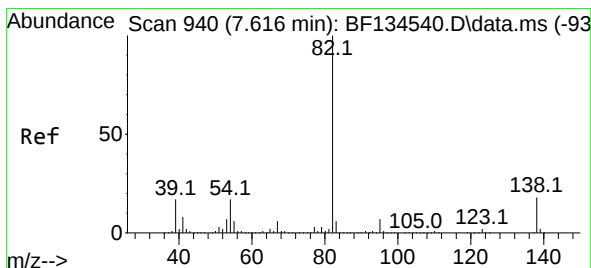
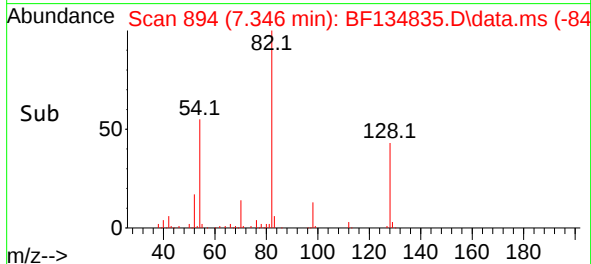
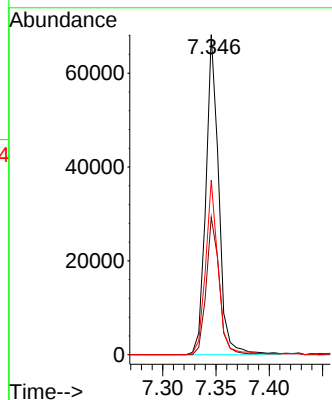
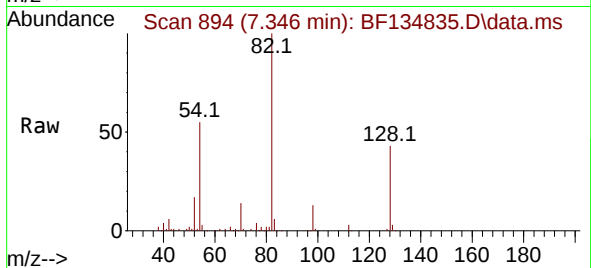
Tgt Ion: 82 Resp: 57546

Ion Ratio Lower Upper

82 100

128 42.9 34.3 51.5

54 54.5 43.8 65.6



#25

Isophorone

Concen: 2.952 ng

RT: 7.346 min Scan# 894

Delta R.T. -0.282 min

Lab File: BF134835.D

Acq: 18 Aug 2023 11:35

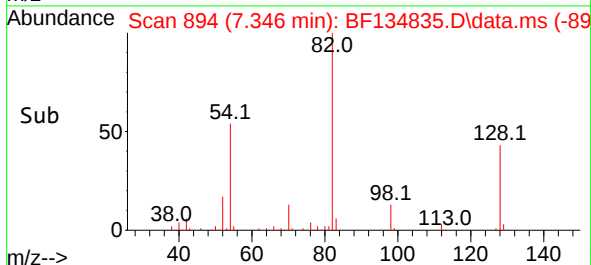
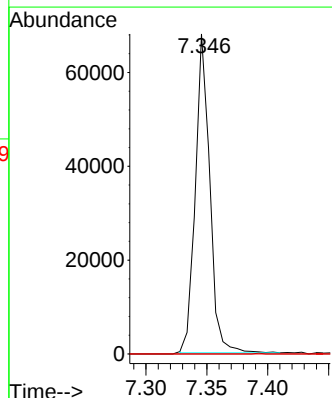
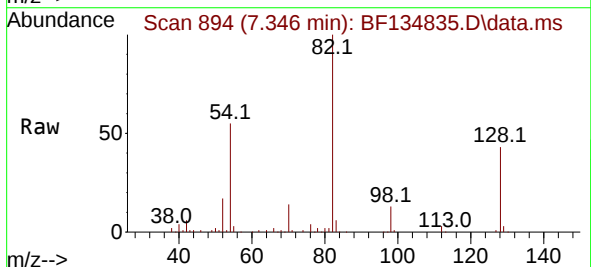
Tgt Ion: 82 Resp: 56228

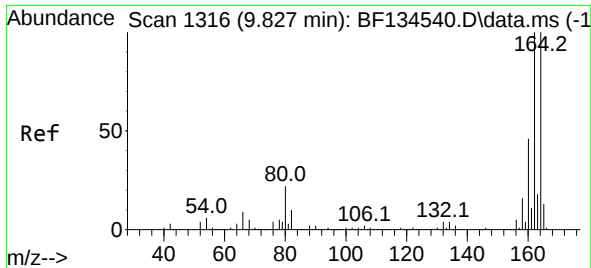
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#

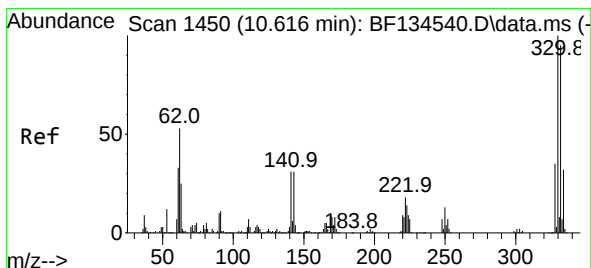
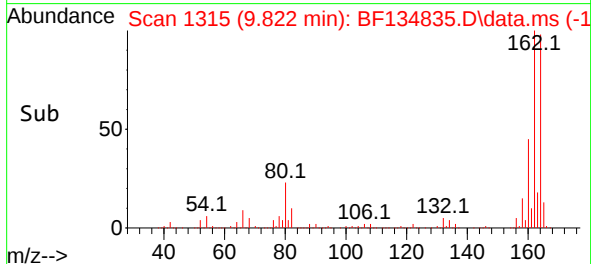
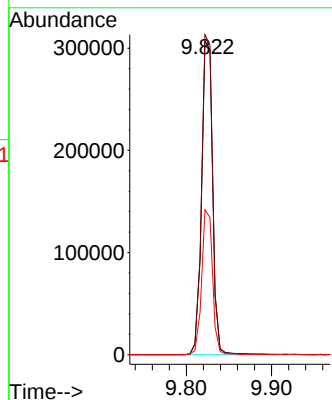
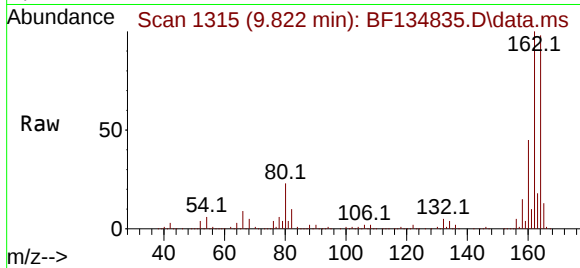




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

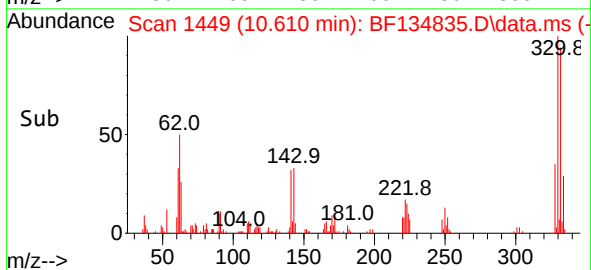
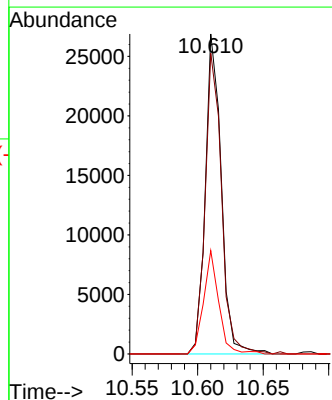
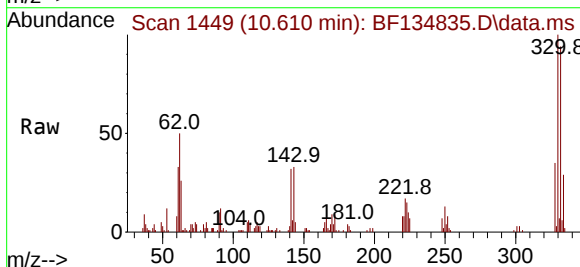
Instrument :
BNA_F
ClientSampleId :
SB-02(0-5)

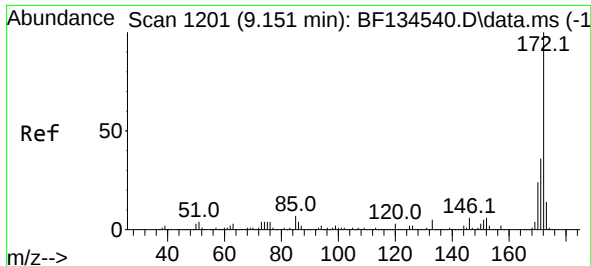
Tgt Ion:164 Resp: 275779
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 46.2 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 8.108 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.017 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:330 Resp: 22794
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 30.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 7.260 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF134835.D

Acq: 18 Aug 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-02(0-5)

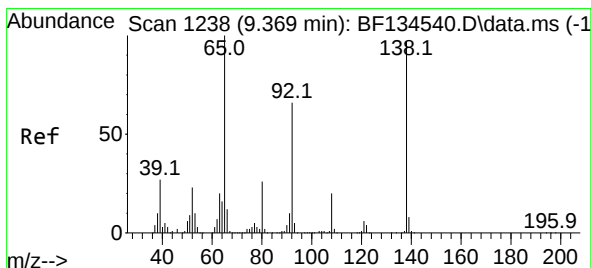
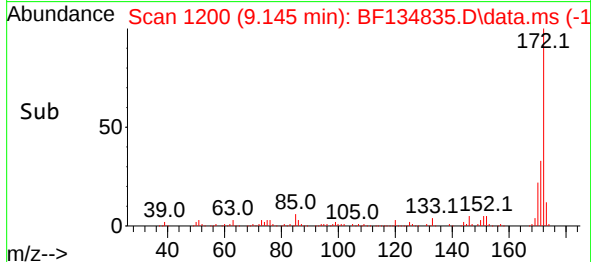
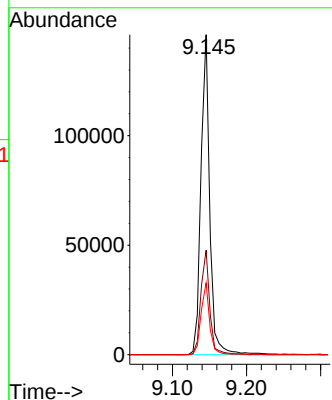
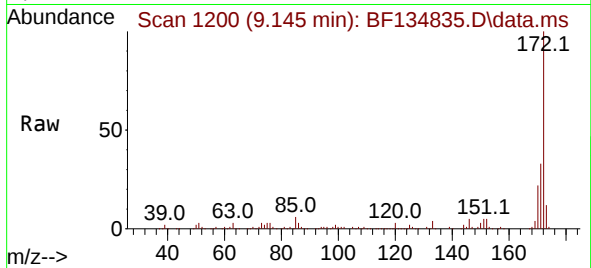
Tgt Ion:172 Resp: 120416

Ion Ratio Lower Upper

172 100

171 32.6 28.8 43.2

170 22.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.203 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.235 min

Lab File: BF134835.D

Acq: 18 Aug 2023 11:35

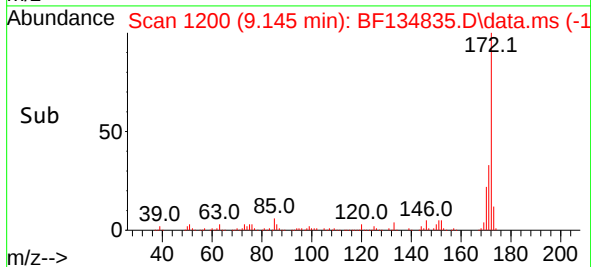
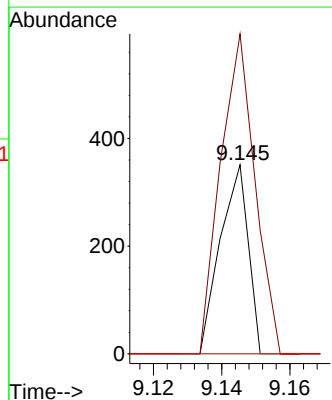
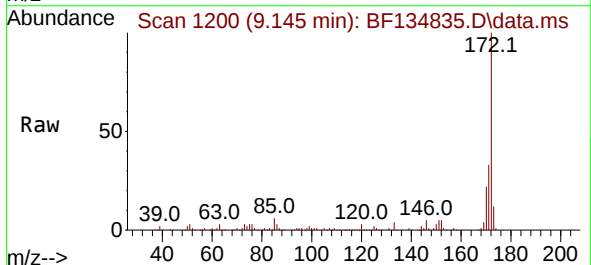
Tgt Ion: 65 Resp: 199

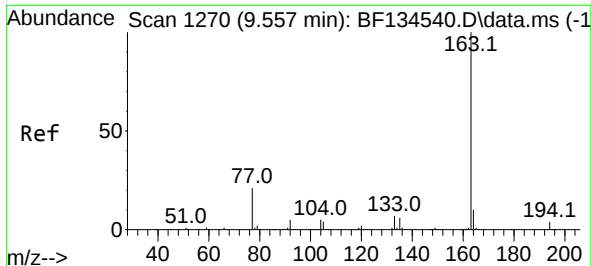
Ion Ratio Lower Upper

65 100

92 169.2 50.7 76.1#

138 0.0 78.2 117.4#

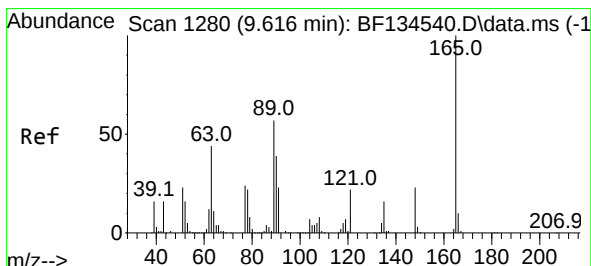
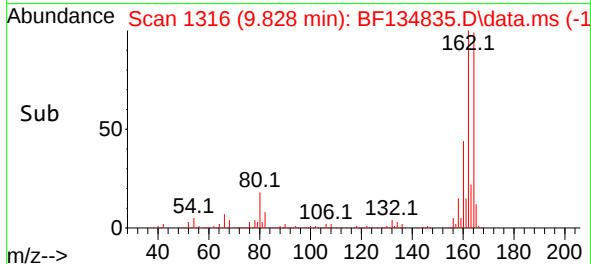
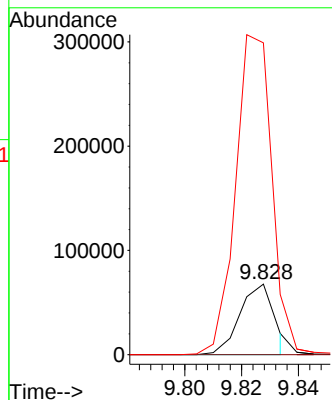
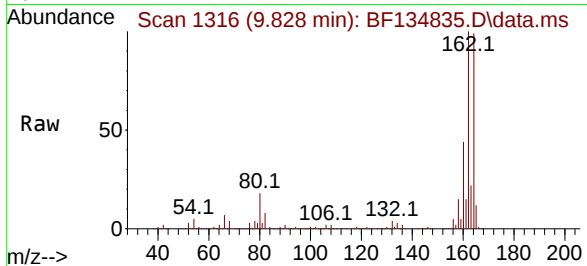




#50
Dimethylphthalate
Concen: 3.035 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

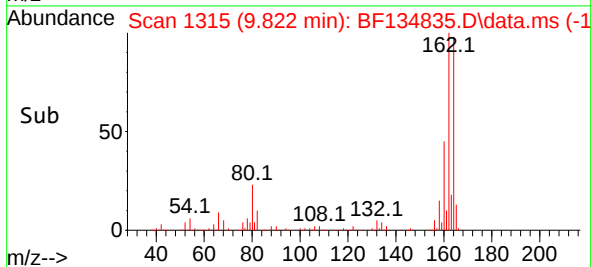
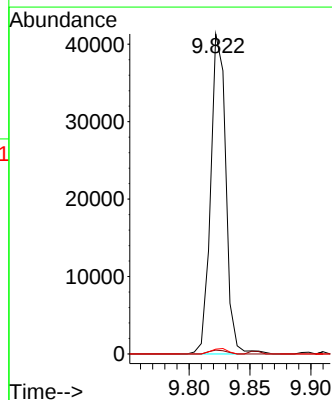
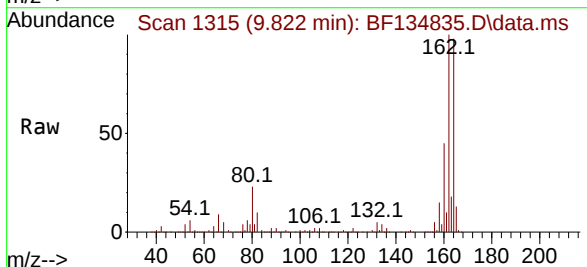
Instrument :
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SB-02(0-5)

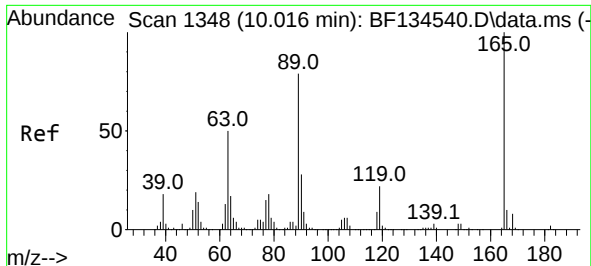
Tgt Ion:163 Resp: 57048
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 441.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.336 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:165 Resp: 35914
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.5 51.8 77.8#

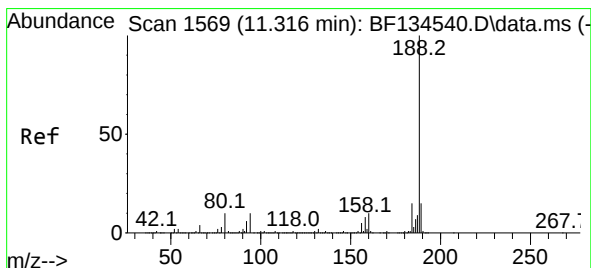
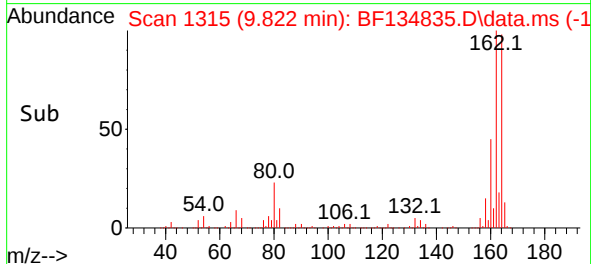
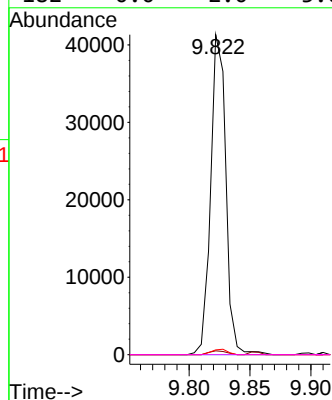
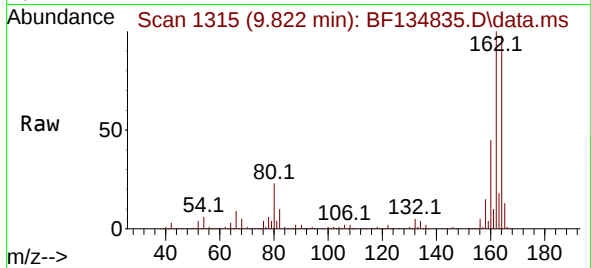




#57
2,4-Dinitrotoluene
Concen: 10.113 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

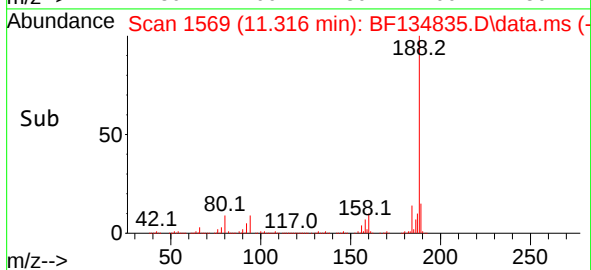
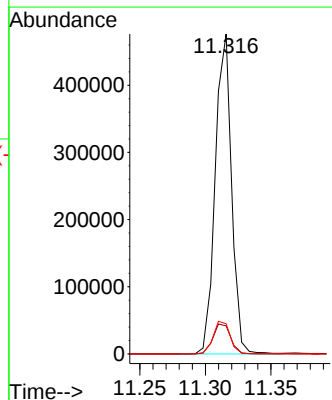
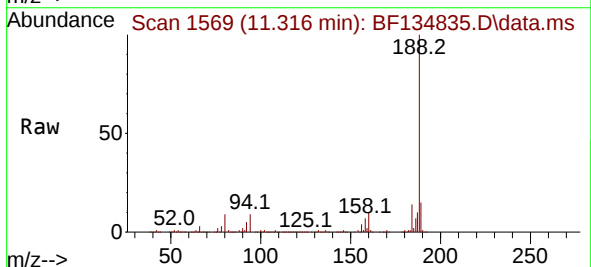
Instrument :
BNA_F
ClientSampleId :
SB-02(0-5)

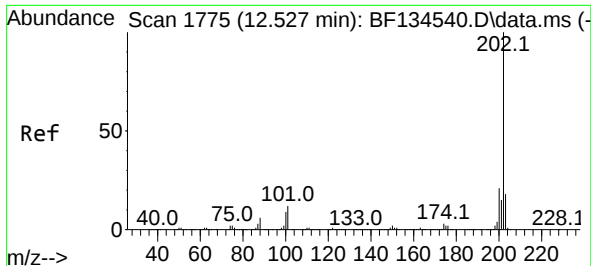
Tgt Ion:165 Resp: 35914
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:188 Resp: 411510
Ion Ratio Lower Upper
188 100
94 8.8 5.1 7.7#
80 9.4 6.6 9.8

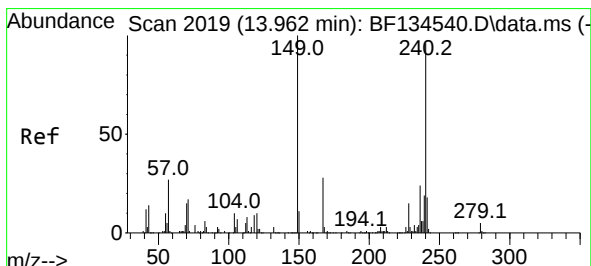
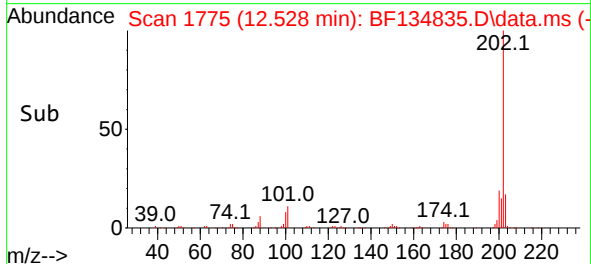
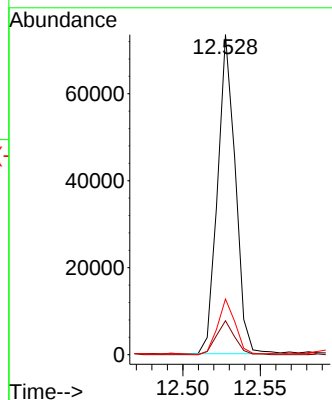
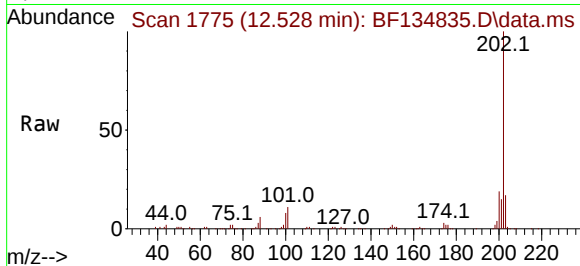




#75
Fluoranthene
Concen: 2.538 ng
RT: 12.528 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

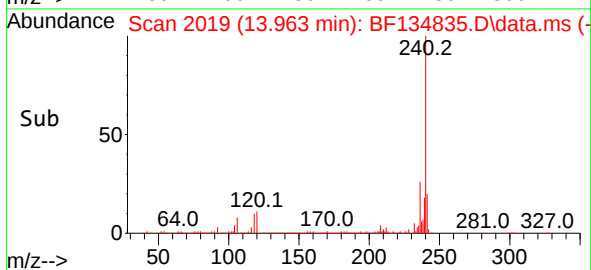
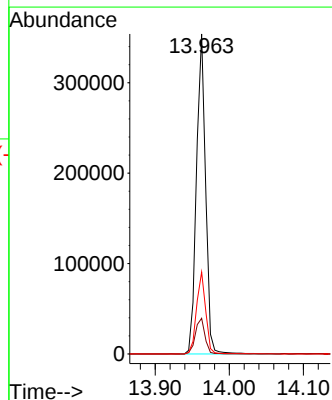
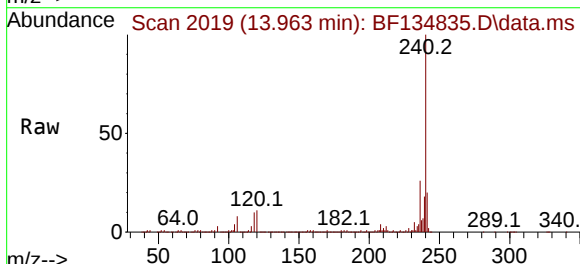
Instrument :
BNA_F
ClientSampleId :
SB-02(0-5)

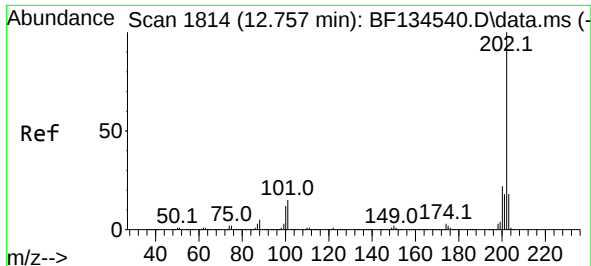
Tgt Ion:202 Resp: 58602
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.5
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:240 Resp: 303275
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.6 20.2 30.2

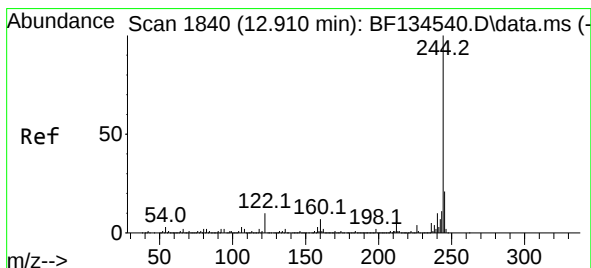
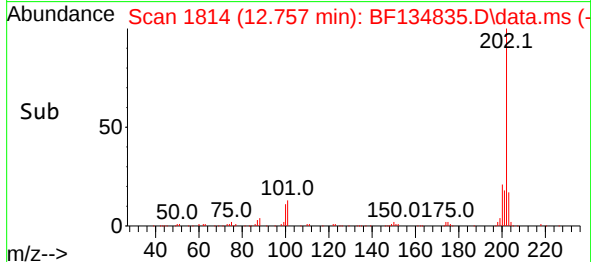
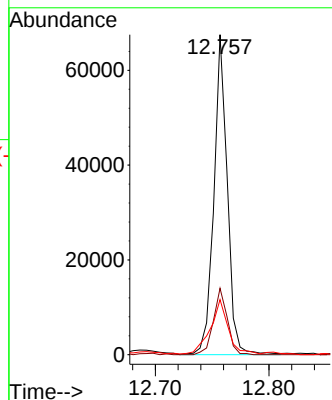
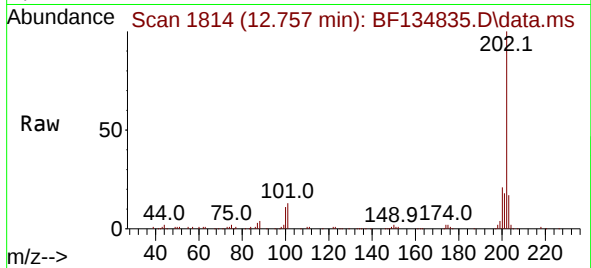




#78
Pyrene
Concen: 2.116 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

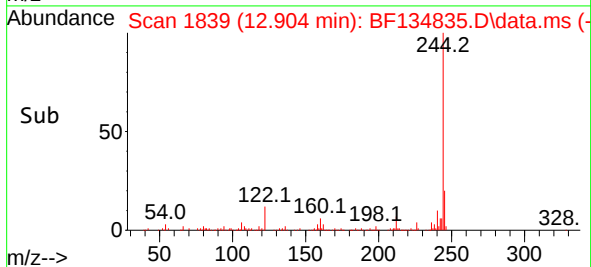
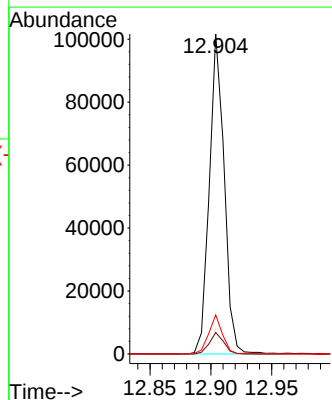
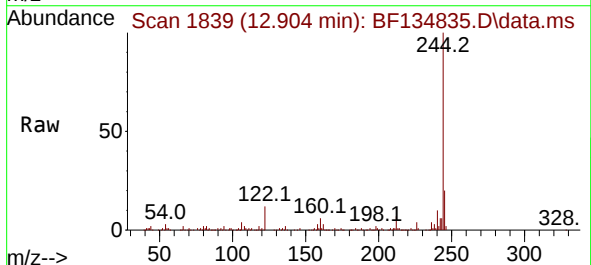
Instrument :
BNA_F
ClientSampleId :
SB-02(0-5)

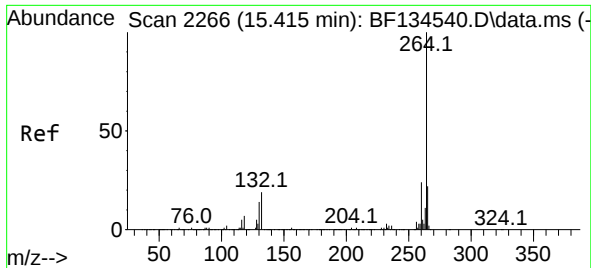
Tgt Ion:202 Resp: 55528
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 17.2 13.5 20.3



#79
Terphenyl-d14
Concen: 5.013 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BF134835.D
Acq: 18 Aug 2023 11:35

Tgt Ion:244 Resp: 86242
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 12.2 8.0 12.0#

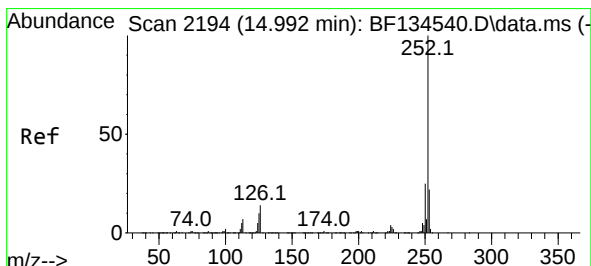
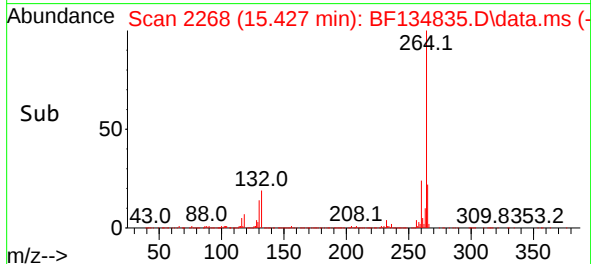
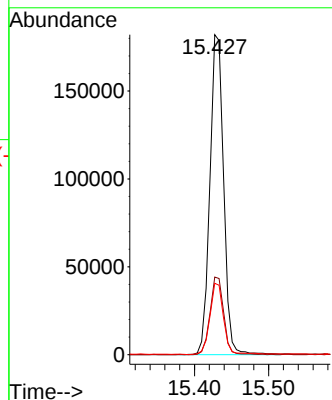
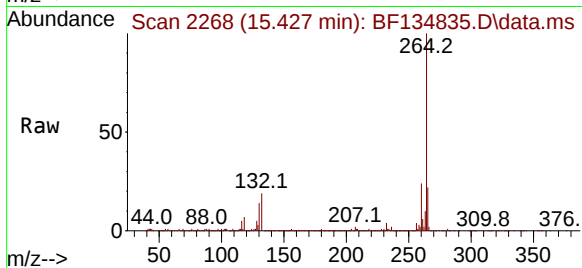




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2195
 Delta R.T. -0.012 min
 Lab File: BF134835.D
 Acq: 18 Aug 2023 11:35

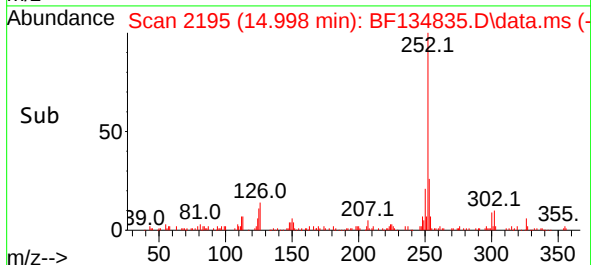
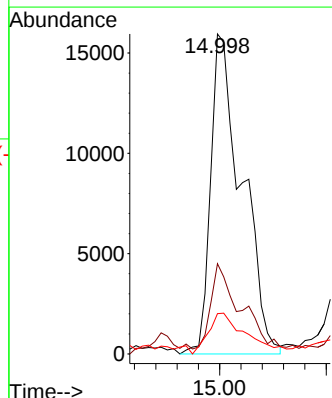
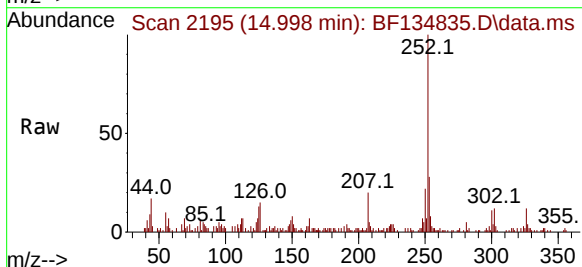
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(0-5)

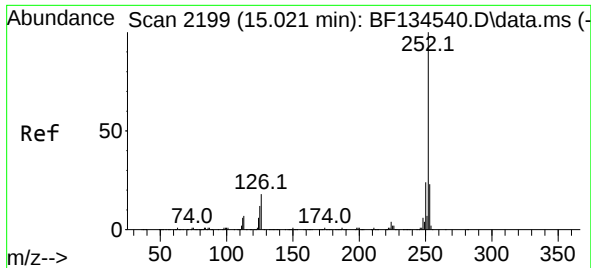
Tgt Ion:264 Resp: 234803
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 22.3 15.8 23.8



#88
 Benzo(b)fluoranthene
 Concen: 2.272 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.012 min
 Lab File: BF134835.D
 Acq: 18 Aug 2023 11:35

Tgt Ion:252 Resp: 32539
 Ion Ratio Lower Upper
 252 100
 253 28.2 17.3 25.9#
 125 12.6 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.281 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF134835.D

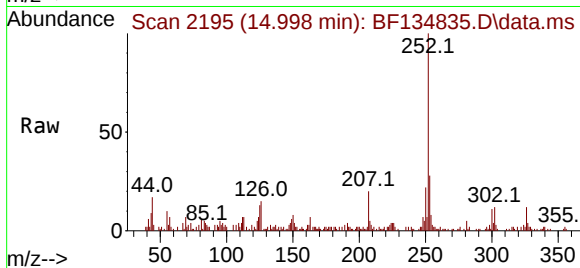
Acq: 18 Aug 2023 11:35

Instrument :

BNA_F

ClientSampleId :

SB-02(0-5)



Tgt Ion:252 Resp: 32539

Ion Ratio Lower Upper

252 100

253 28.2 17.9 26.9#

125 12.6 6.3 9.5#

