

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134736.D
 Acq On : 11 Aug 2023 17:06
 Operator : CG\JU
 Sample : 03971-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP03A

Quant Time: Aug 11 22:22:43 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)

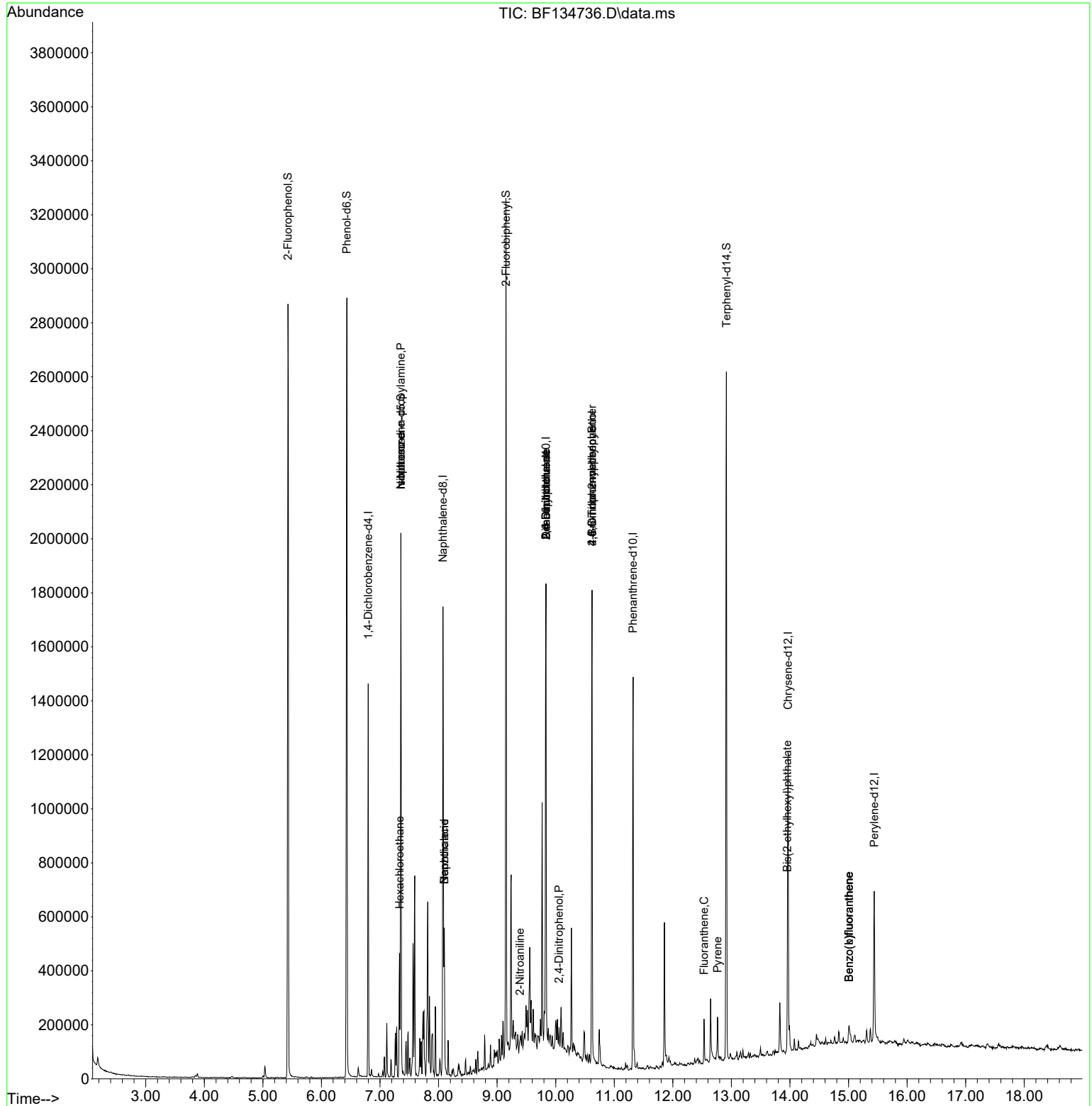
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	187381	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	715400	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	324511	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	520464	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	349811	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	271602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	815083	66.122	ng	0.00
7) Phenol-d6	6.434	99	1000907	63.519	ng	0.00
23) Nitrobenzene-d5	7.357	82	595122	51.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	217542	65.761	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	949226	48.635	ng	-0.01
79) Terphenyl-d14	12.916	244	913265	46.024	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	287	Below Cal	#	62
18) Hexachloroethane	7.334	117	12526	2.768	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	76988	8.160	ng	# 74
25) Isophorone	7.357	82	588110	23.554	ng	# 65
31) Naphthalene	8.098	128	145394	4.044	ng	# 99
32) Benzoic acid	8.098	122	408	7.914	ng	# 1
48) 2-Nitroaniline	9.392	65	662	3.271	ng	# 64
50) Dimethylphthalate	9.833	163	68603	3.102	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	42745	11.438	ng	# 17
54) 2,4-Dinitrophenol	10.057	184	73	6.834	ng	# 11
57) 2,4-Dinitrotoluene	9.833	165	43513	10.328	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	571	8.921	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	14181	2.489	ng	# 1
75) Fluoranthene	12.533	202	59773	2.047	ng	97
78) Pyrene	12.763	202	60960	2.014	ng	96
84) Bis(2-ethylhexyl)phtha...	13.957	149	55398	4.599	ng	99
88) Benzo(b)fluoranthene	15.010	252	47751	2.883	ng	# 90
89) Benzo(k)fluoranthene	15.010	252	47751	2.894	ng	# 92

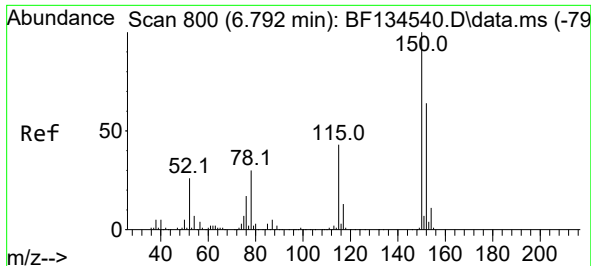
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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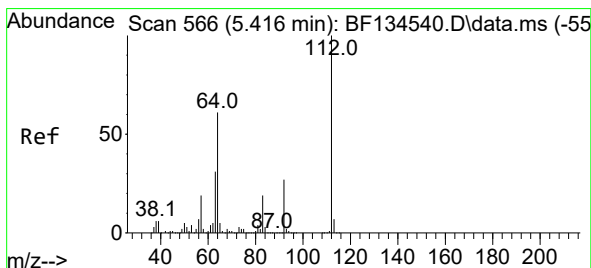
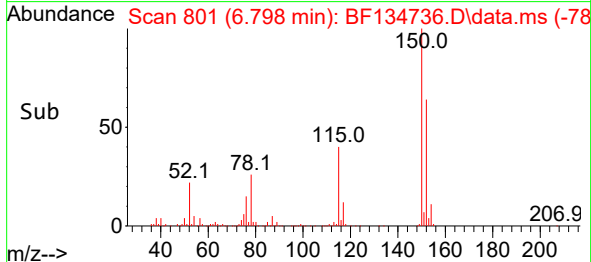
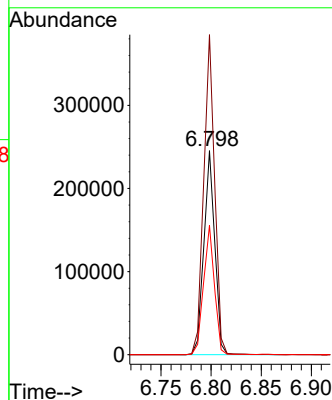
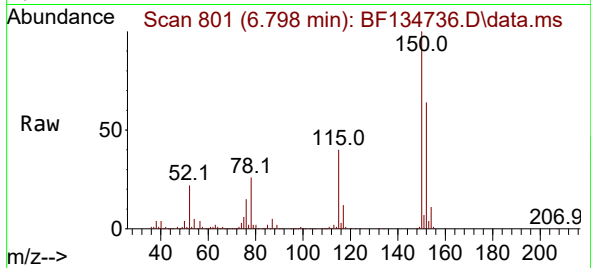




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134736.D
 Acq: 11 Aug 2023 17:06

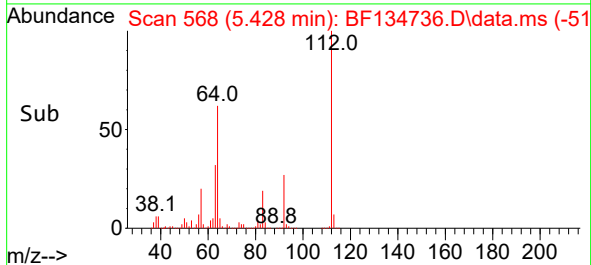
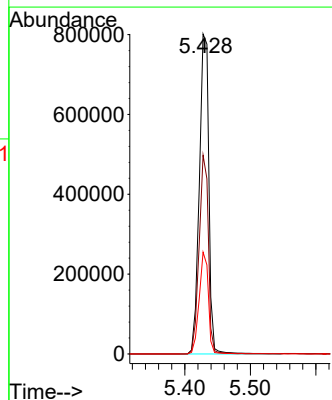
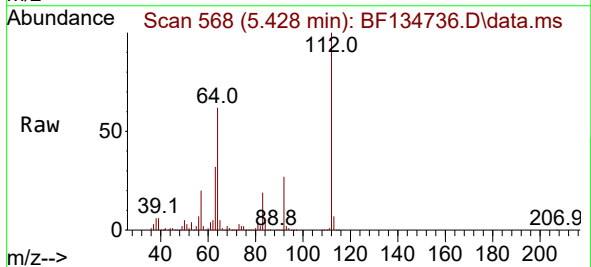
Instrument :
 BNA_F
 ClientSampleId :
 B-PP03A

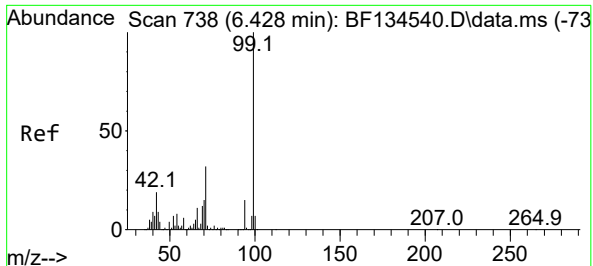
Tgt Ion:152 Resp: 187381
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.3 192.5
 115 63.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 66.122 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134736.D
 Acq: 11 Aug 2023 17:06

Tgt Ion:112 Resp: 815083
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.9 67.3
 63 31.8 25.4 38.0

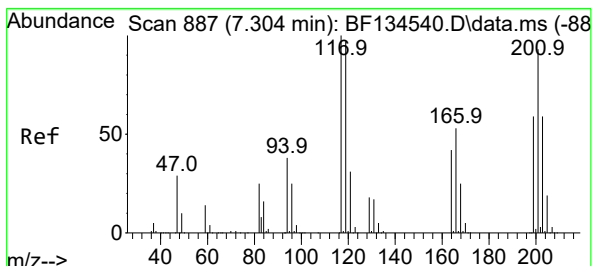
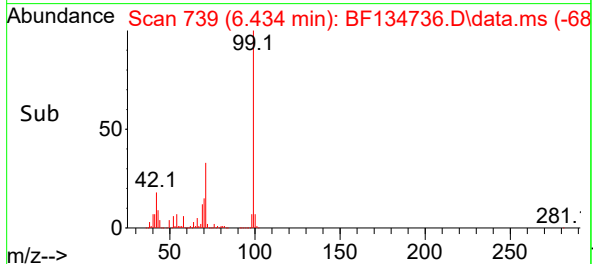
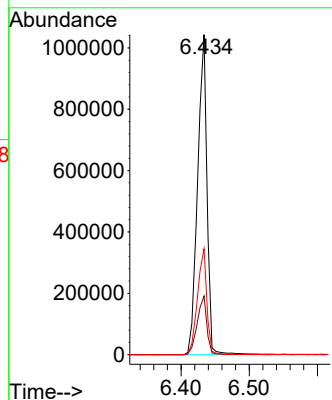
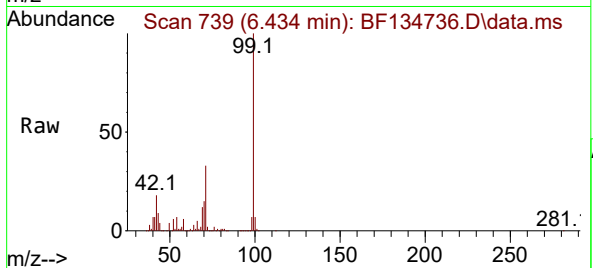




#7
Phenol-d6
Concen: 63.519 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

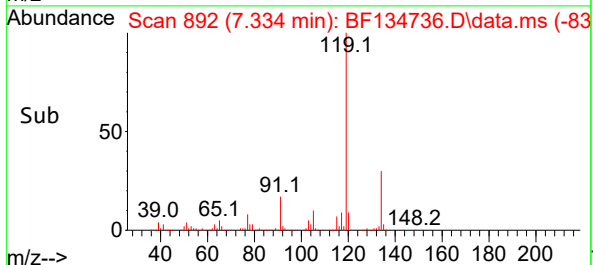
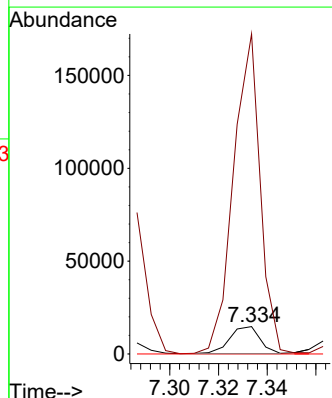
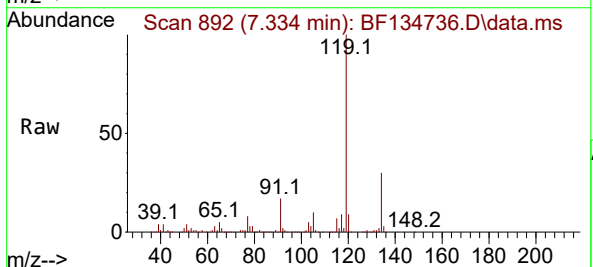
Instrument :
BNA_F
ClientSampleId :
B-PP03A

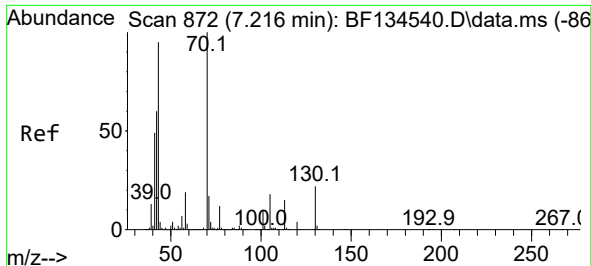
Tgt Ion: 99 Resp: 1000907
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 33.1 36.4 54.6#



#18
Hexachloroethane
Concen: 2.768 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.024 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion: 117 Resp: 12526
Ion Ratio Lower Upper
117 100
119 1170.8 75.8 113.8#
201 0.0 73.6 110.4#

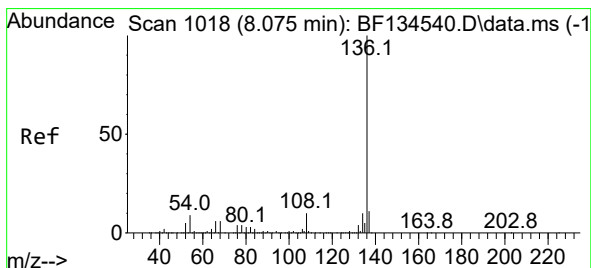
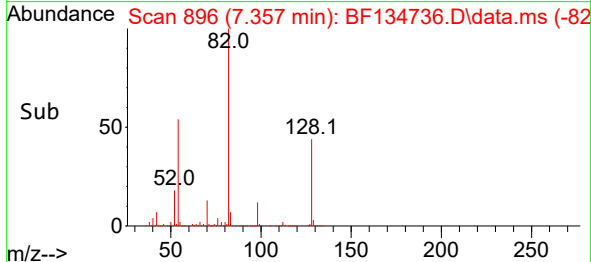
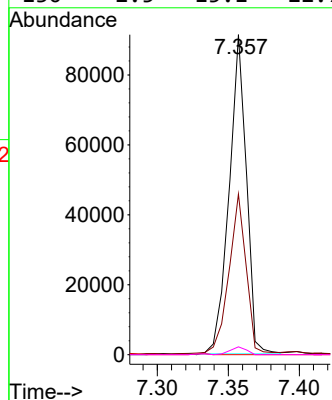
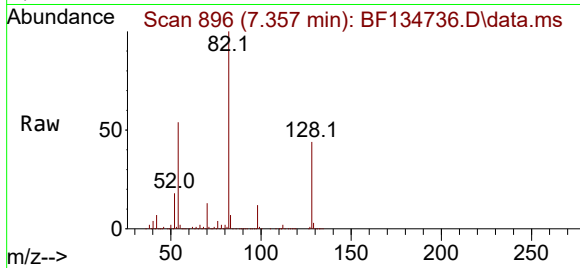




#19
n-Nitroso-di-n-propylamine
Concen: 8.160 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

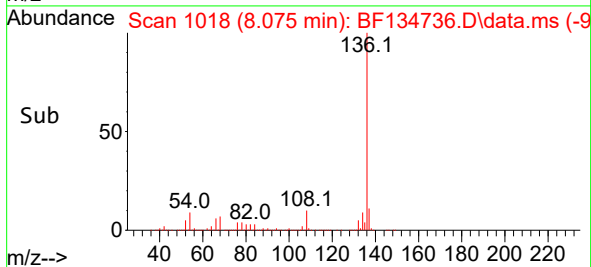
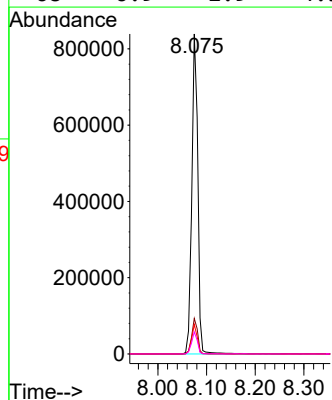
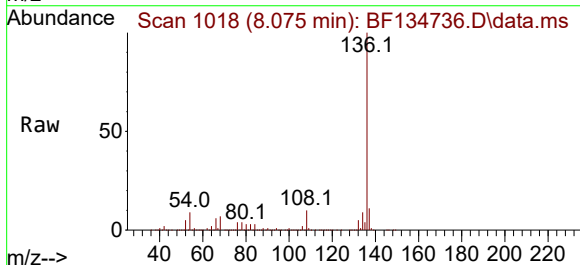
Instrument :
BNA_F
ClientSampleId :
B-PP03A

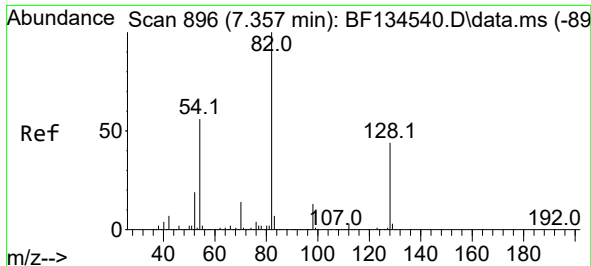
Tgt Ion:	70	Resp:	76988
Ion	Ratio	Lower	Upper
70	100		
42	50.2	54.7	82.1#
101	0.0	8.2	12.2#
130	2.5	15.1	22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:	136	Resp:	715400
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.2	5.2	7.8#
68	6.9	2.9	4.3#





#23

Nitrobenzene-d5

Concen: 51.986 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

Instrument :

BNA_F

ClientSampleId :

B-PP03A

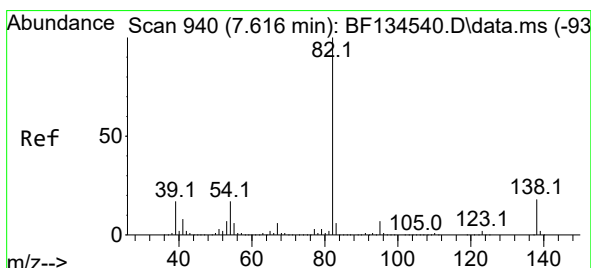
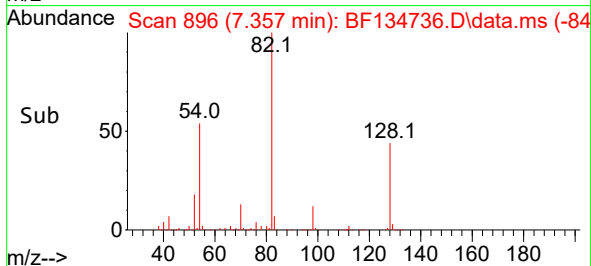
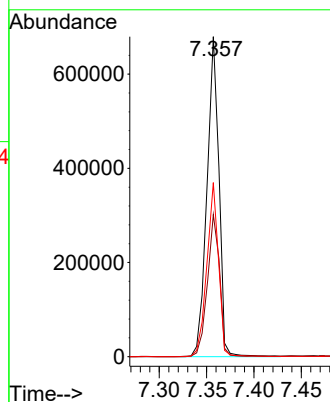
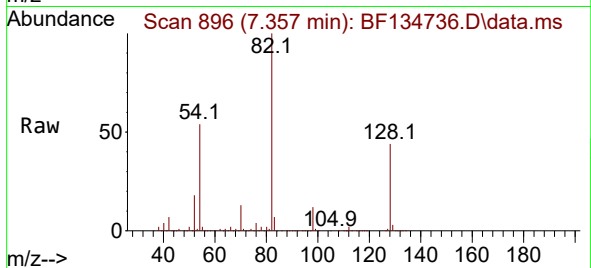
Tgt Ion: 82 Resp: 595122

Ion Ratio Lower Upper

82 100

128 44.4 34.3 51.5

54 54.4 43.8 65.6



#25

Isophorone

Concen: 23.554 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.271 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

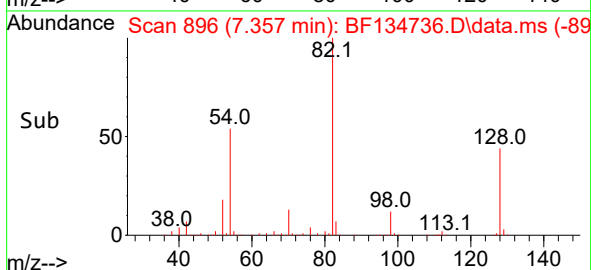
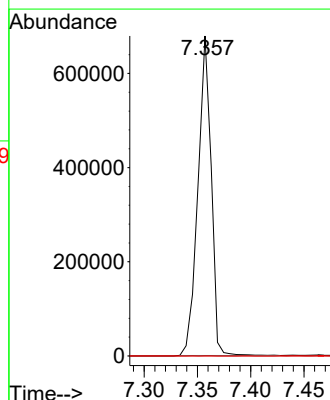
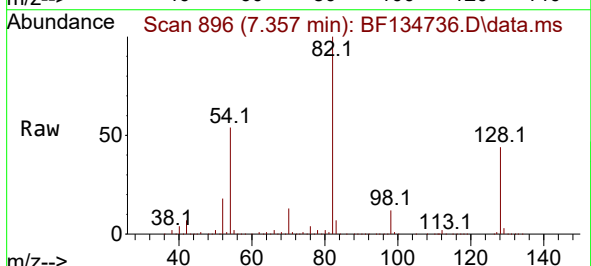
Tgt Ion: 82 Resp: 588110

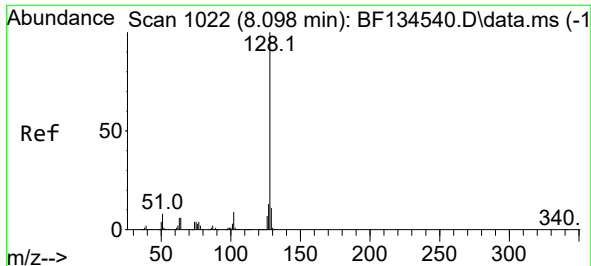
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#

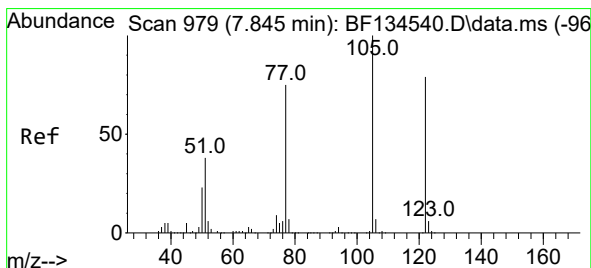
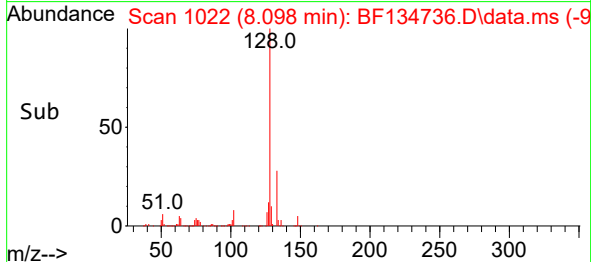
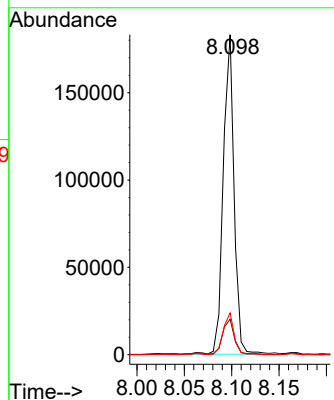
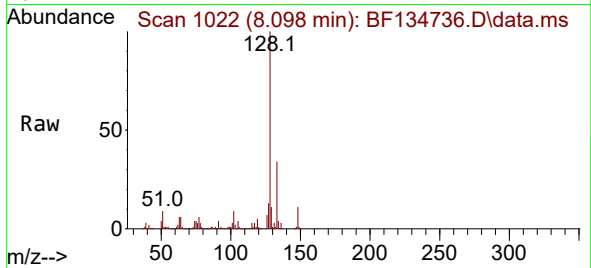




#31
Naphthalene
Concen: 4.044 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

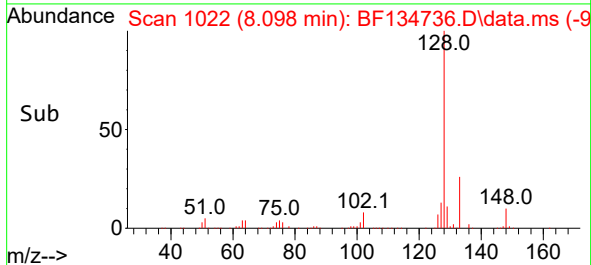
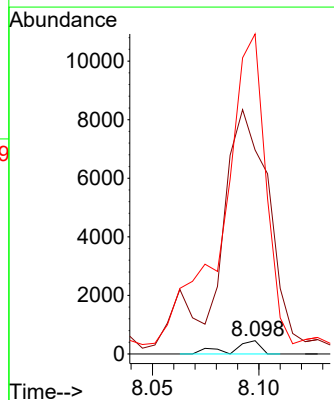
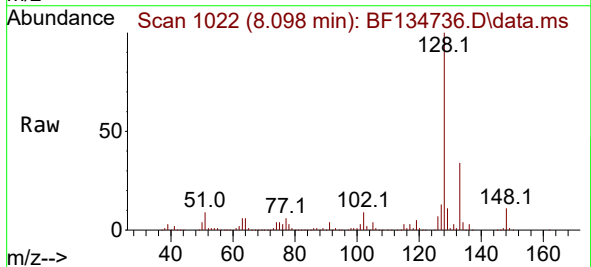
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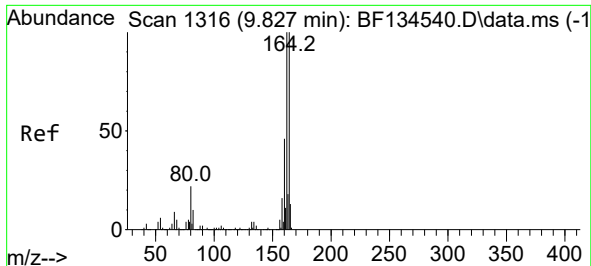
Tgt Ion:128 Resp: 145394
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 7.914 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.235 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:122 Resp: 408
Ion Ratio Lower Upper
122 100
105 1531.2 87.5 127.5#
77 2401.5 71.4 111.4#

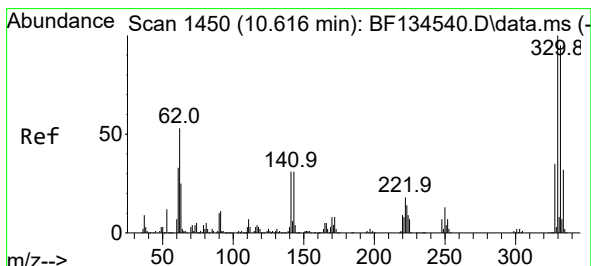
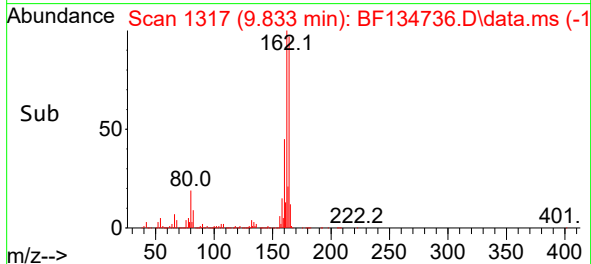
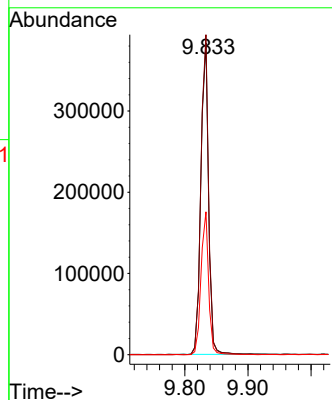
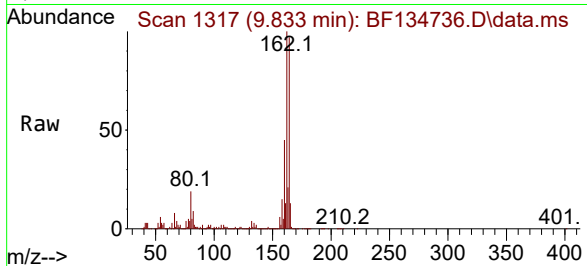




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

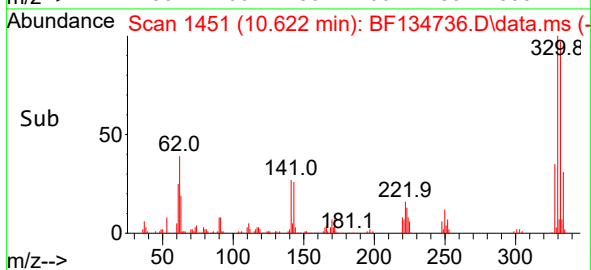
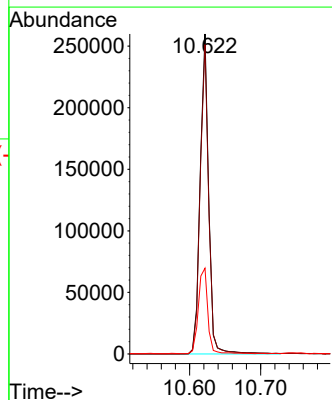
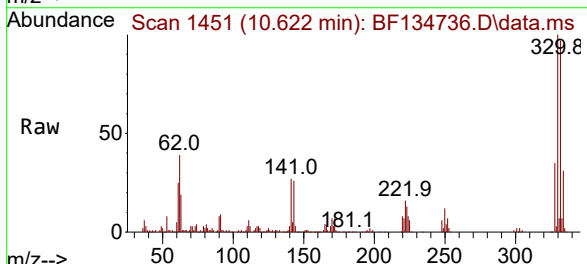
Instrument :
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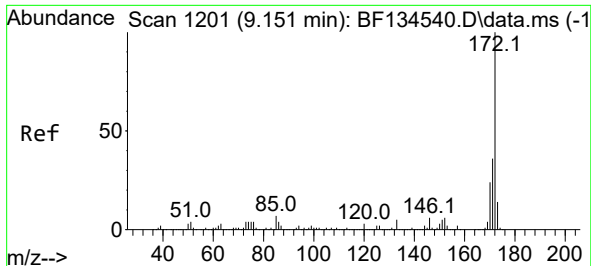
Tgt Ion:164 Resp: 324511
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 65.761 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:330 Resp: 217542
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 29.8 25.4 38.2

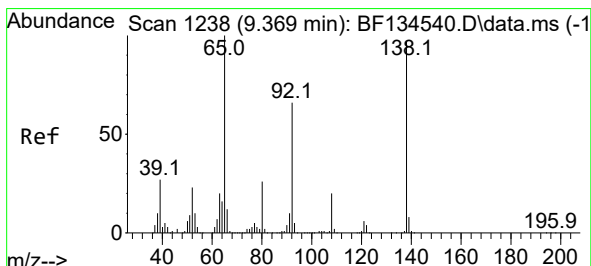
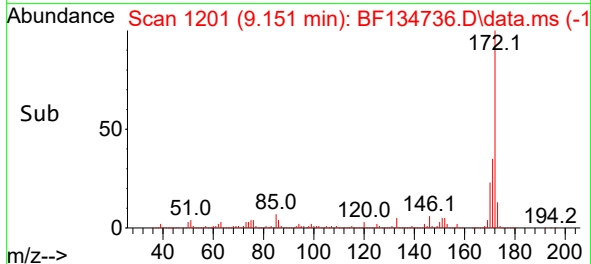
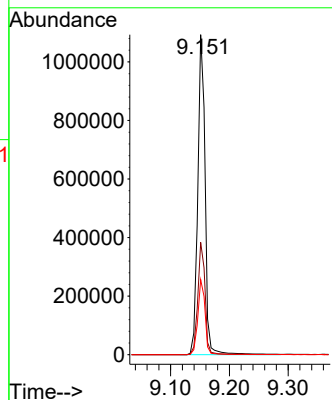
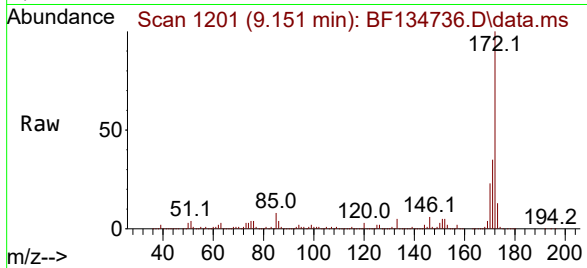




#45
2-Fluorobiphenyl
Concen: 48.635 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

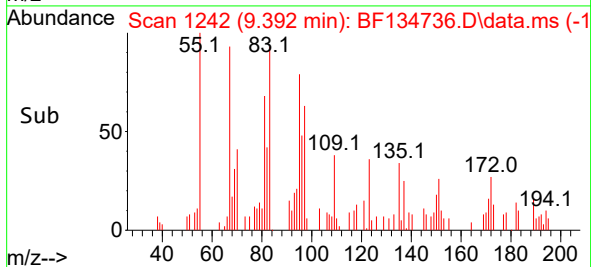
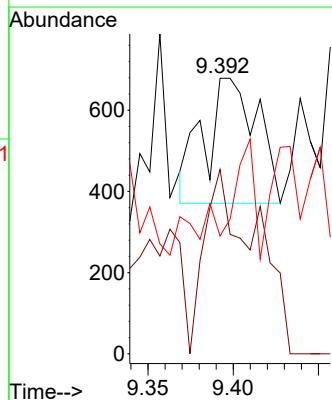
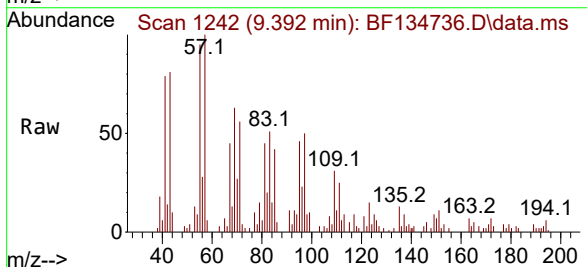
Instrument :
BNA_F
ClientSampleId :
B-PP03A

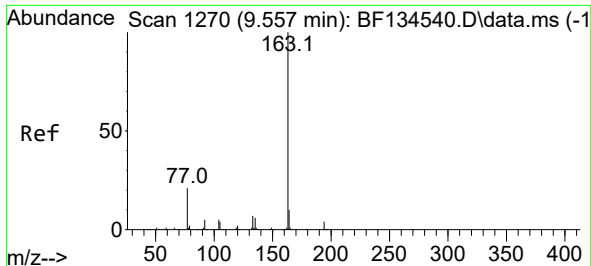
Tgt Ion:172 Resp: 949226
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 18.7 28.1



#48
2-Nitroaniline
Concen: 3.271 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion: 65 Resp: 662
Ion Ratio Lower Upper
65 100
92 66.9 50.7 76.1
138 42.7 78.2 117.4#

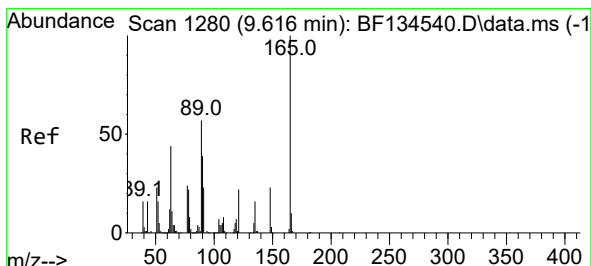
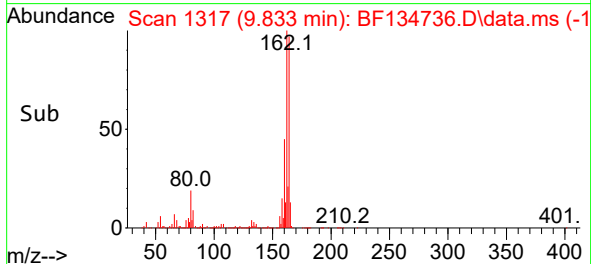
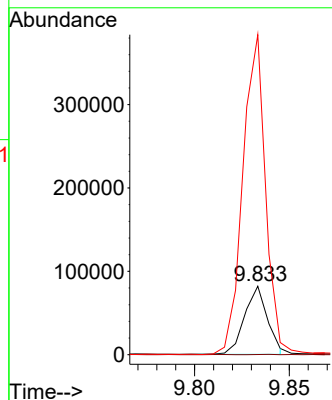
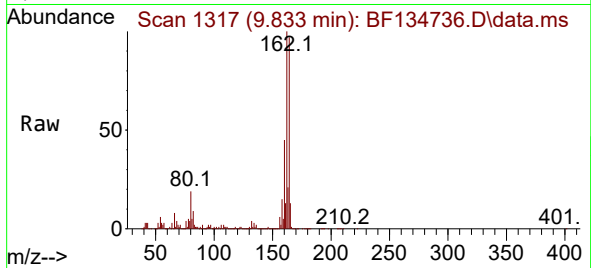




#50
Dimethylphthalate
Concen: 3.102 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

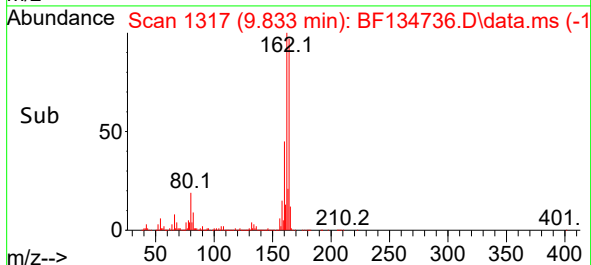
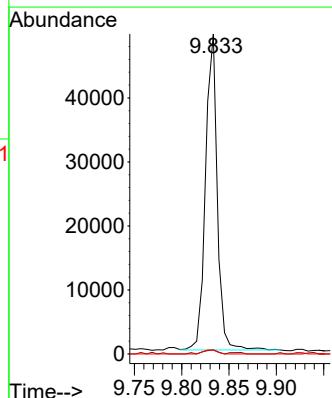
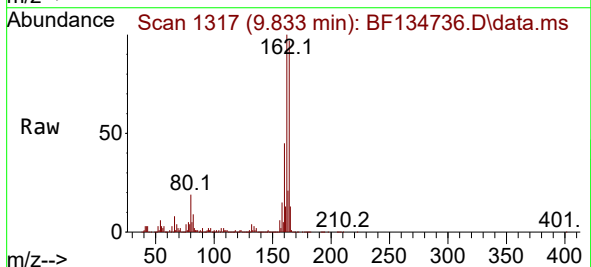
Instrument :
BNA_F
ClientSampleId :
B-PP03A

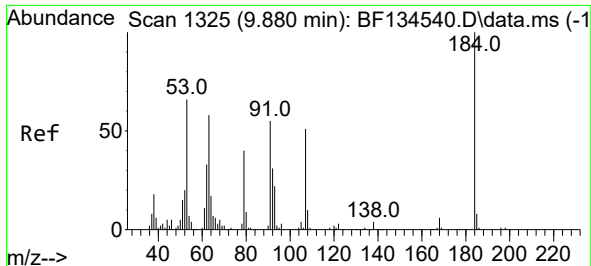
Tgt Ion:163 Resp: 68603
Ion Ratio Lower Upper
163 100
194 0.2 3.3 4.9#
164 467.3 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.438 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:165 Resp: 42745
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.2 51.8 77.8#

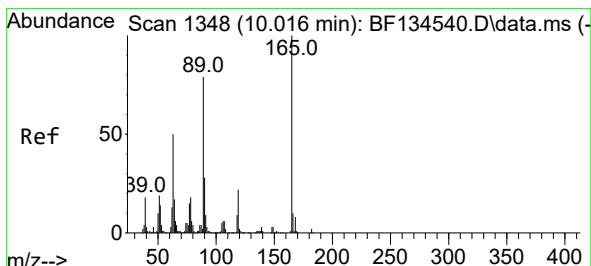
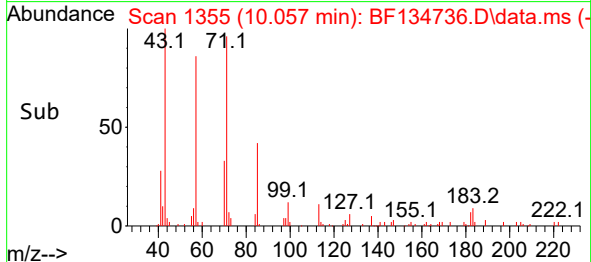
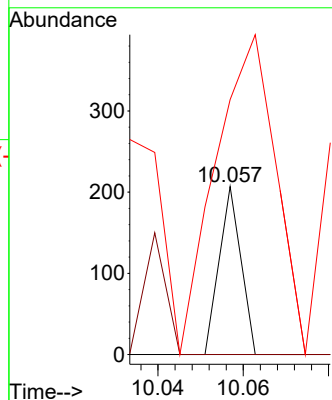
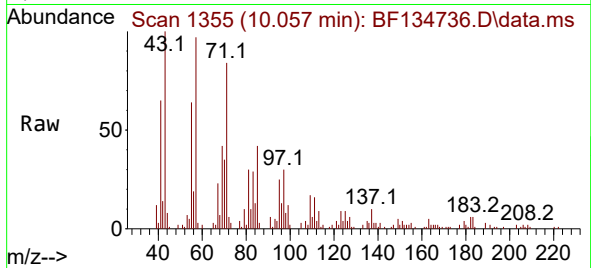




#54
2,4-Dinitrophenol
Concen: 6.834 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.159 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

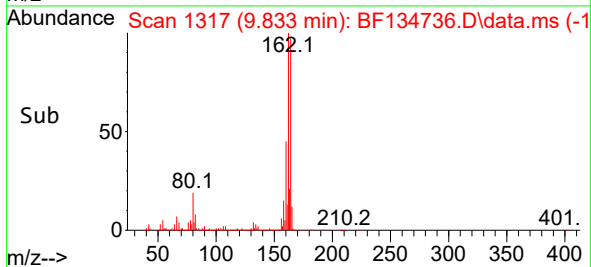
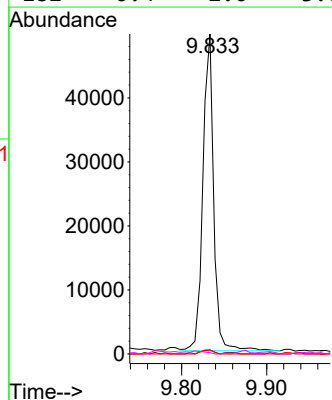
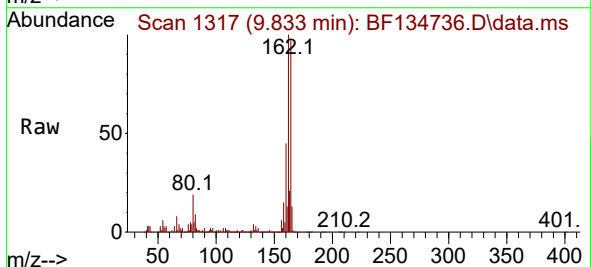
Instrument :
BNA_F
ClientSampleId :
B-PP03A

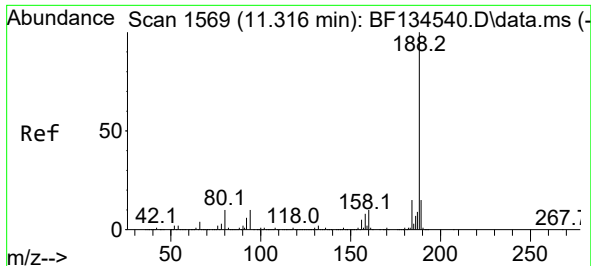
Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 57.1 85.7#
154 151.7 59.1 88.7#



#57
2,4-Dinitrotoluene
Concen: 10.328 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:165 Resp: 43513
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.2 61.7 92.5#
182 0.4 2.0 3.0#

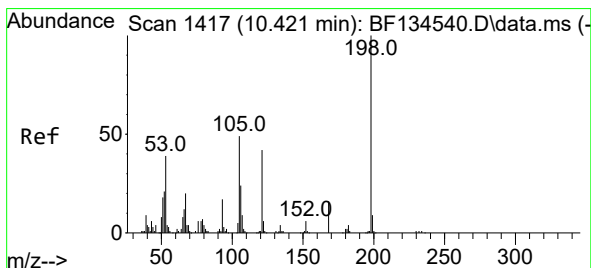
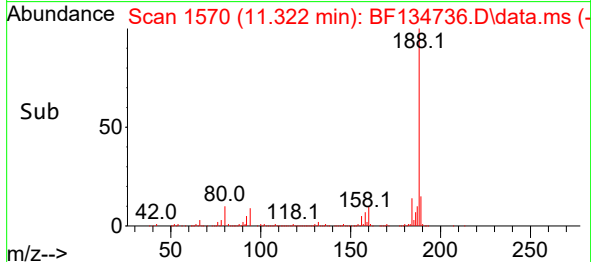
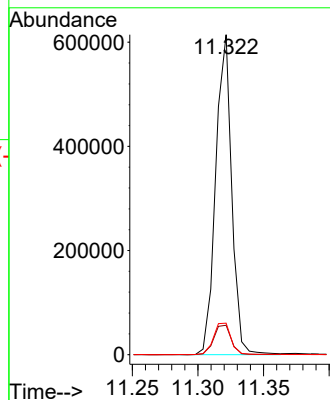
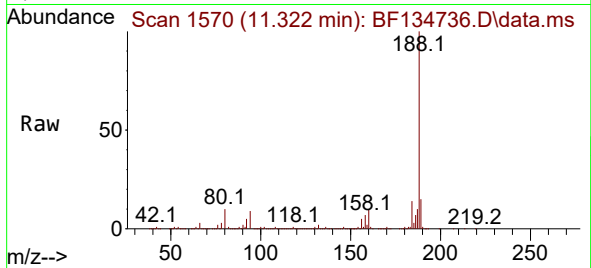




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

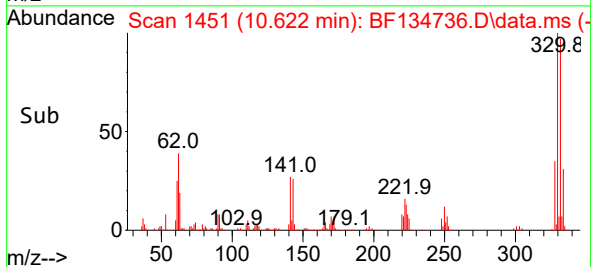
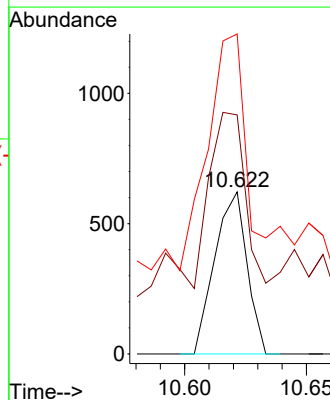
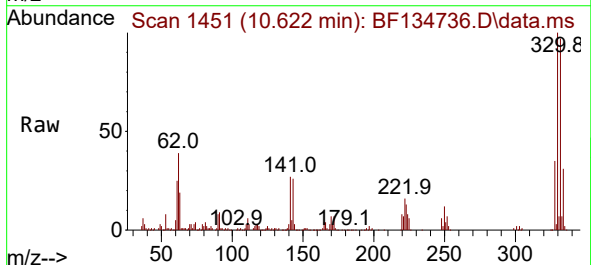
Instrument :
BNA_F
ClientSampleId :
B-PP03A

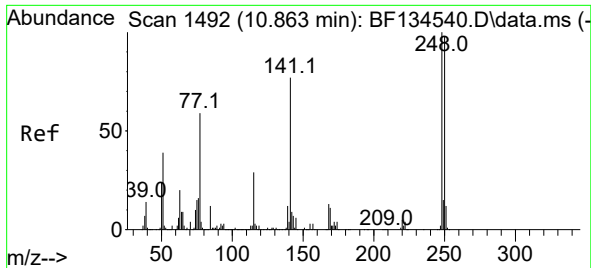
Tgt Ion:188 Resp: 520464
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.8 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.921 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.182 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:198 Resp: 571
Ion Ratio Lower Upper
198 100
51 147.4 38.6 78.6#
105 197.4 27.9 67.9#

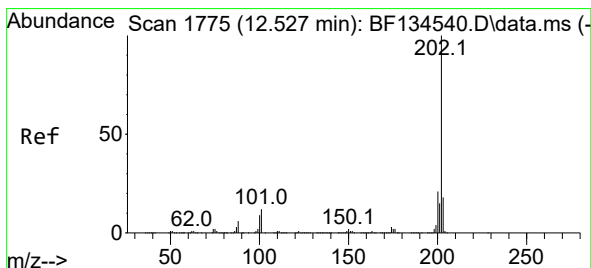
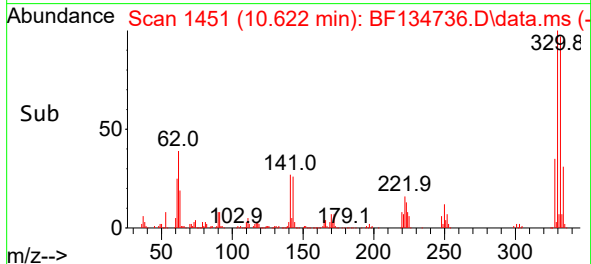
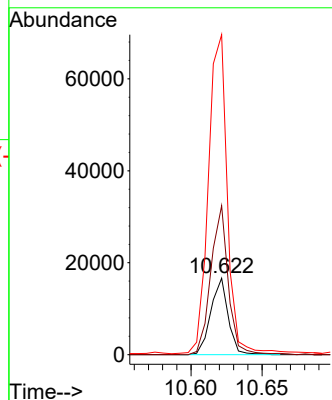
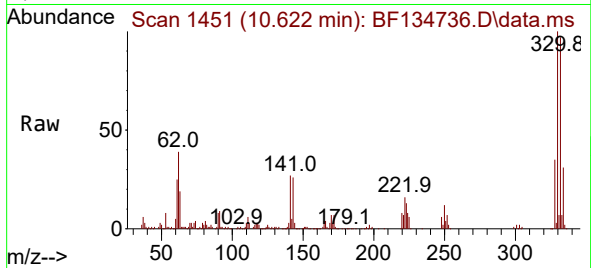




#67
4-Bromophenyl-phenylether
Concen: 2.489 ng
RT: 10.622 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

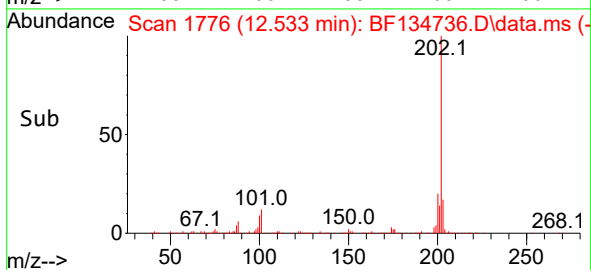
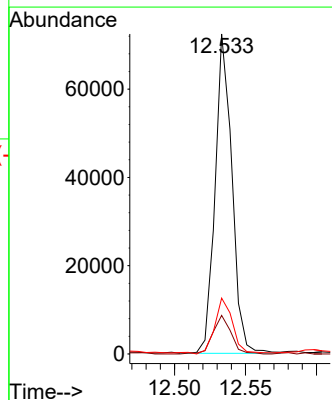
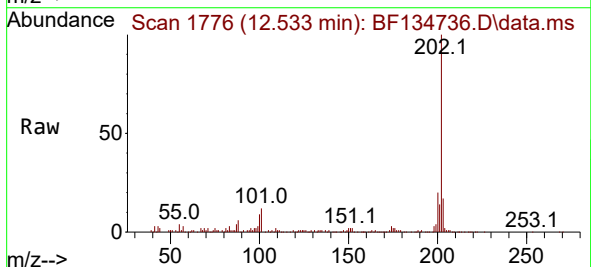
Instrument :
BNA_F
ClientSampleId :
B-PP03A

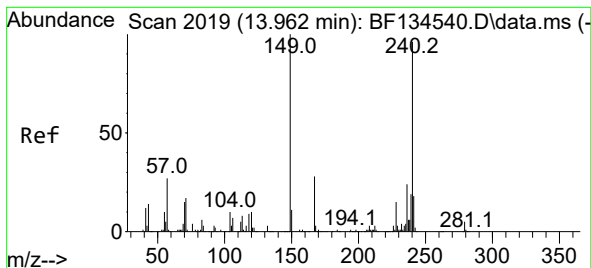
Tgt Ion:248 Resp: 14181
Ion Ratio Lower Upper
248 100
250 194.5 79.6 119.4#
141 418.0 59.6 89.4#



#75
Fluoranthene
Concen: 2.047 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:202 Resp: 59773
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

Instrument :

BNA_F

ClientSampleId :

B-PP03A

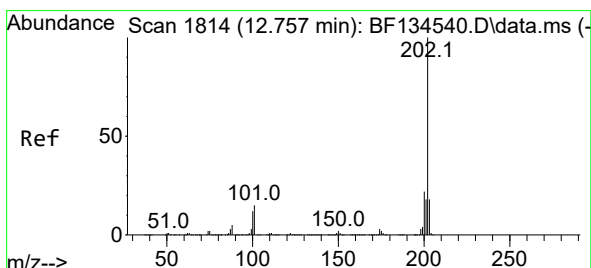
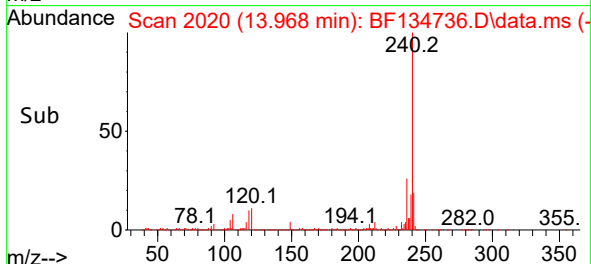
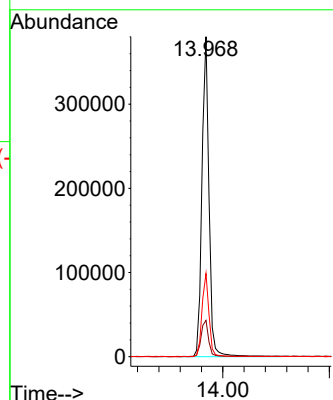
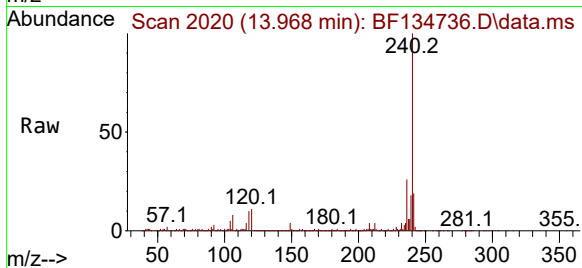
Tgt Ion:240 Resp: 349811

Ion Ratio Lower Upper

240 100

120 11.4 6.6 10.0#

236 26.0 20.2 30.2



#78

Pyrene

Concen: 2.014 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

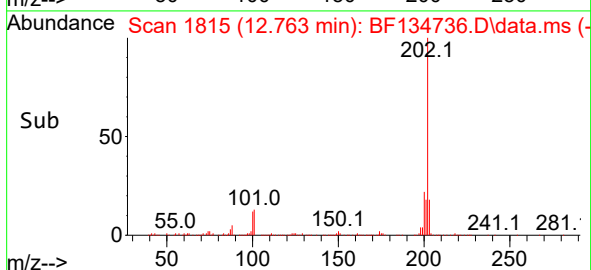
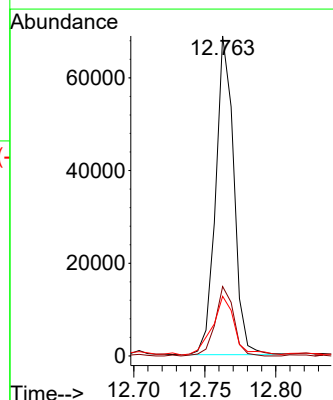
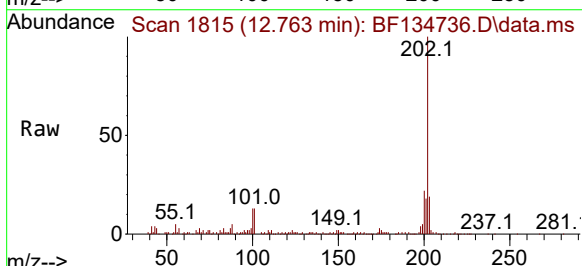
Tgt Ion:202 Resp: 60960

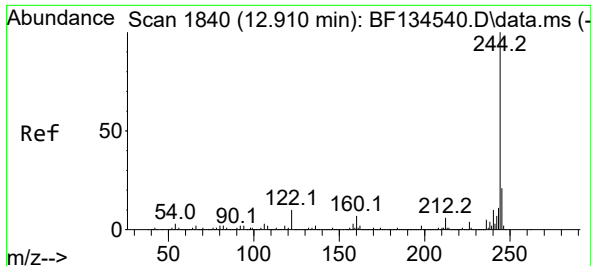
Ion Ratio Lower Upper

202 100

200 21.7 15.8 23.8

203 18.7 13.5 20.3

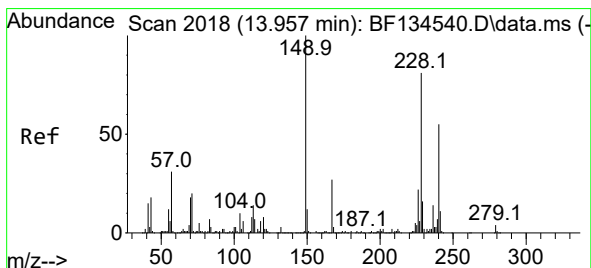
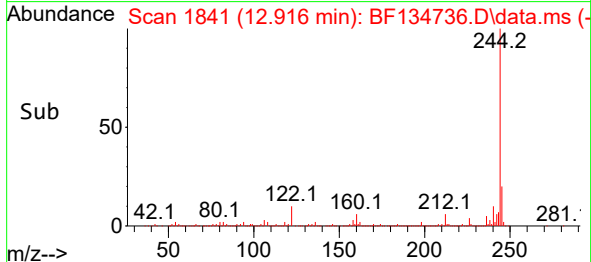
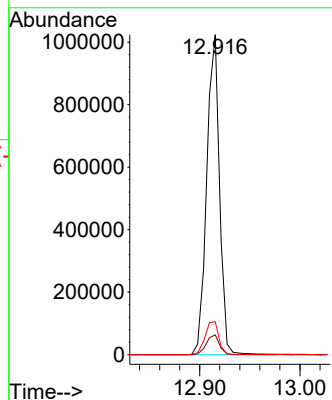
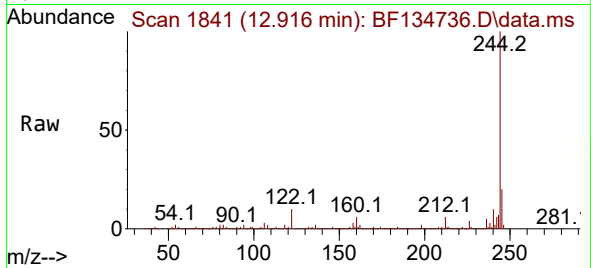




#79
 Terphenyl-d14
 Concen: 46.024 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134736.D
 Acq: 11 Aug 2023 17:06

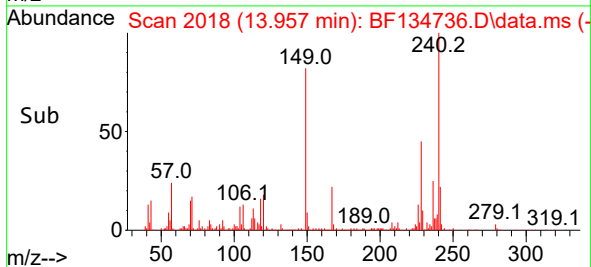
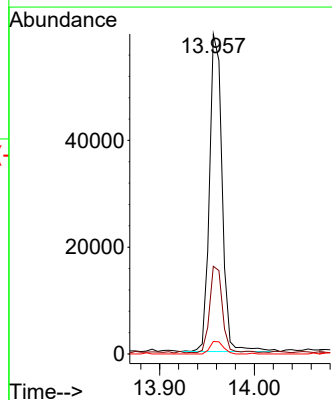
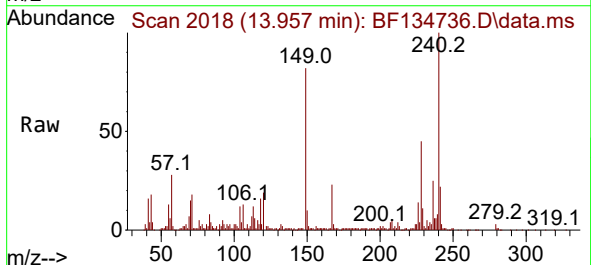
Instrument :
 BNA_F
 ClientSampleId :
 B-PP03A

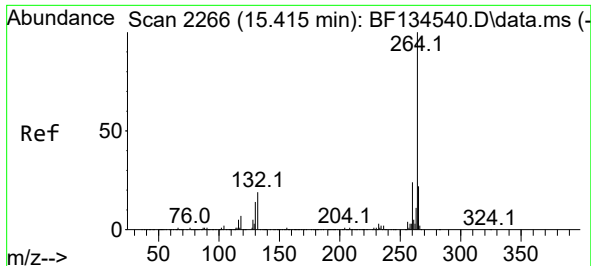
Tgt Ion:244 Resp: 913265
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 10.3 8.0 12.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.599 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF134736.D
 Acq: 11 Aug 2023 17:06

Tgt Ion:149 Resp: 55398
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.6 32.4
 279 3.9 3.5 5.3

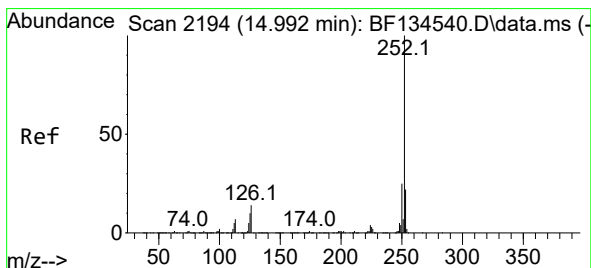
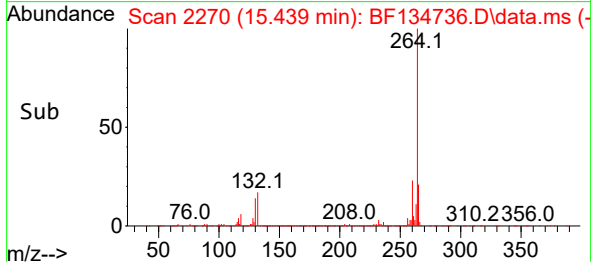
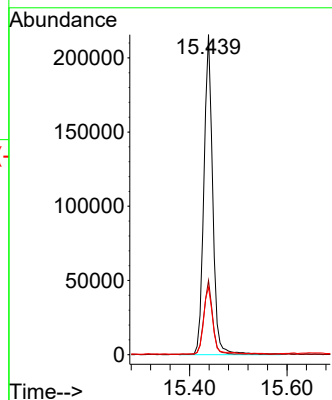
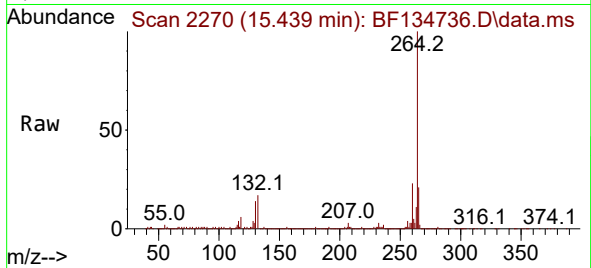




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

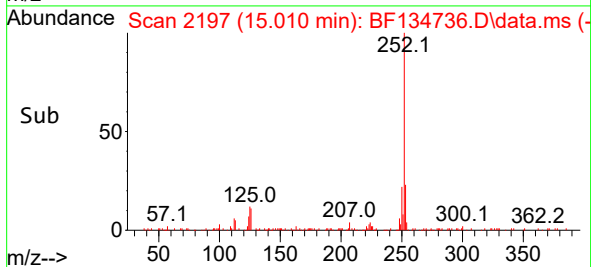
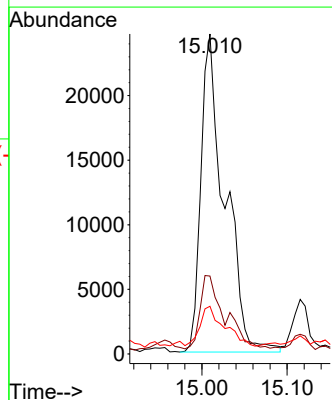
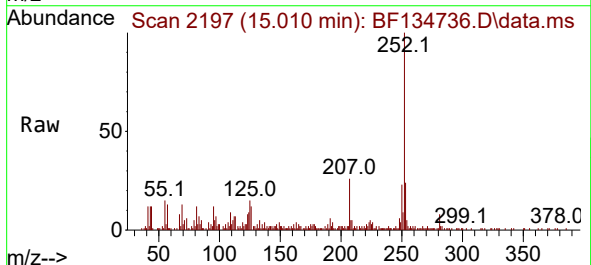
Instrument :
BNA_F
ClientSampleId :
B-PP03A

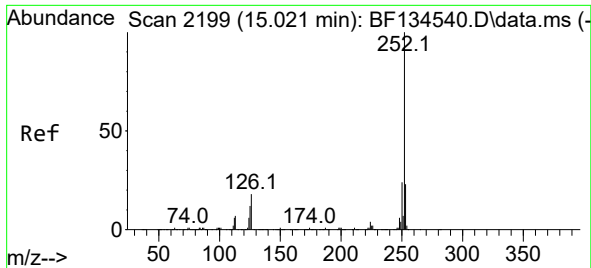
Tgt Ion:264 Resp: 271602
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.1 15.8 23.8



#88
Benzo(b)fluoranthene
Concen: 2.883 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

Tgt Ion:252 Resp: 47751
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 14.9 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.894 ng

RT: 15.010 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134736.D

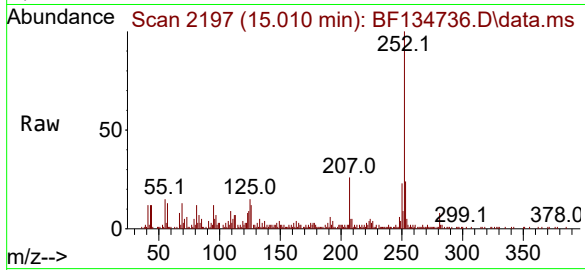
Acq: 11 Aug 2023 17:06

Instrument :

BNA_F

ClientSampleId :

B-PP03A



Tgt Ion:252 Resp: 47751

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

125 14.9 6.3 9.5#

