

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134793.D
 Acq On : 15 Aug 2023 19:57
 Operator : CG\JU
 Sample : 04003-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081423

Quant Time: Aug 16 03:13:43 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)

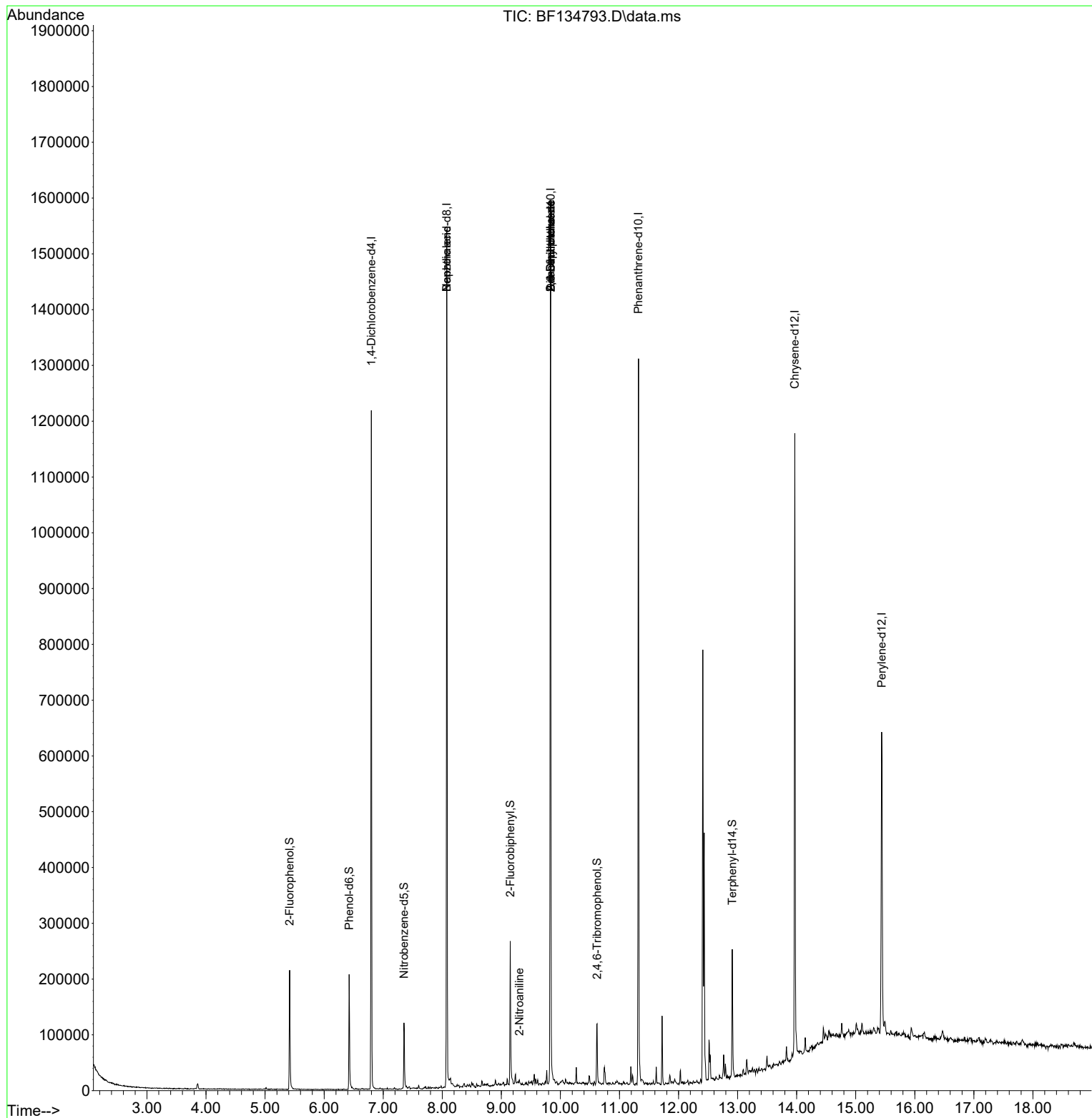
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	166828	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	644618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	309062	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	476013	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	367844	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	279434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	56830	5.178	ng	-0.01
7) Phenol-d6	6.422	99	68692	4.896	ng	-0.02
23) Nitrobenzene-d5	7.351	82	38825	3.764	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	14252	4.524	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	84231	4.531	ng	-0.01
79) Terphenyl-d14	12.910	244	73960	3.544	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	130	Below Cal	#	3
32) Benzoic acid	8.075	122	154	7.887	ng	# 1
48) 2-Nitroaniline	9.304	65	115	3.185	ng	# 8
50) Dimethylphthalate	9.834	163	64147	3.045	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	41637	11.641	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	41637	10.364	ng	# 18

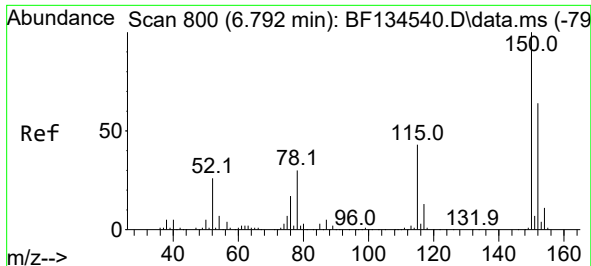
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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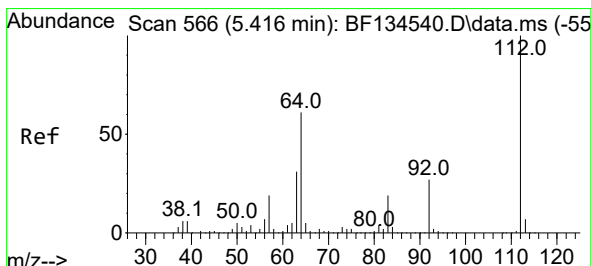
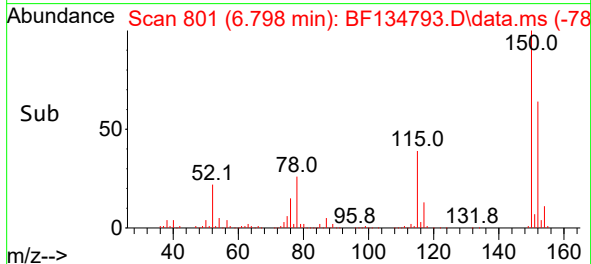
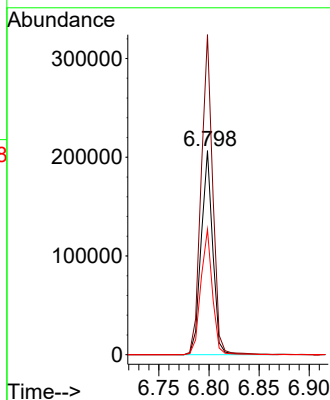
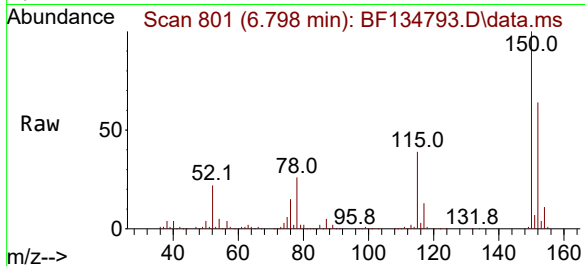




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

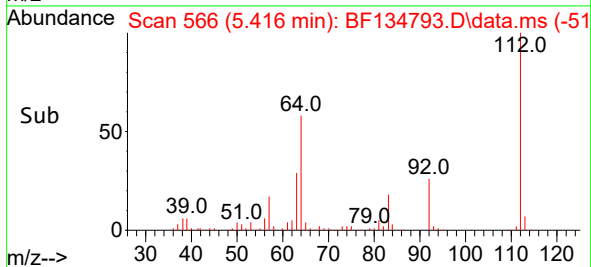
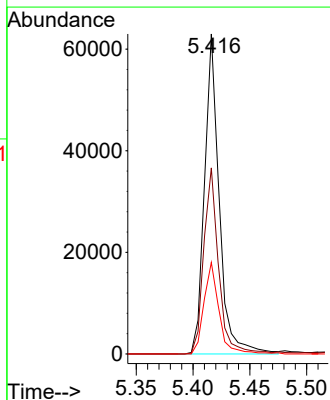
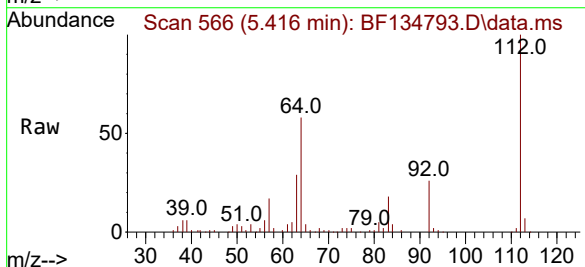
Instrument :
BNA_F
ClientSampleId :
TR-05-081423

Tgt Ion:152 Resp: 166828
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 61.4 52.4 78.6



#5
2-Fluorophenol
Concen: 5.178 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion:112 Resp: 56830
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 28.6 25.4 38.0

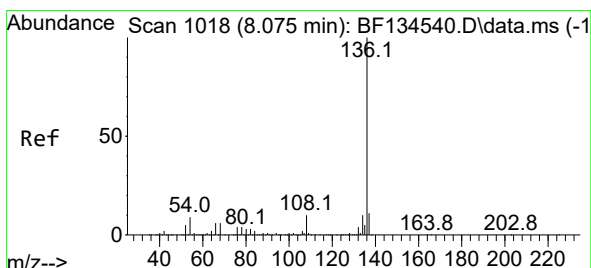
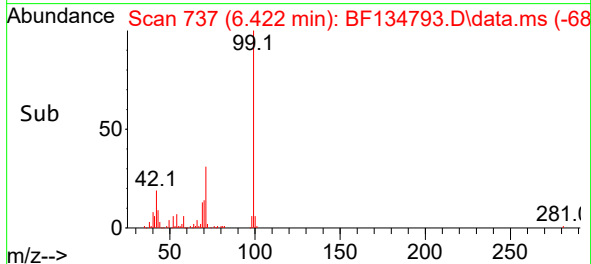
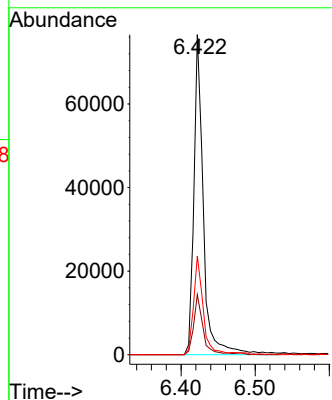
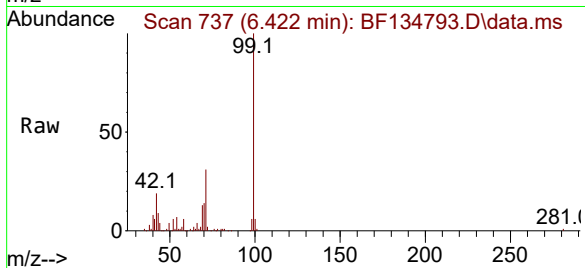




#7
Phenol-d6
Concen: 4.896 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

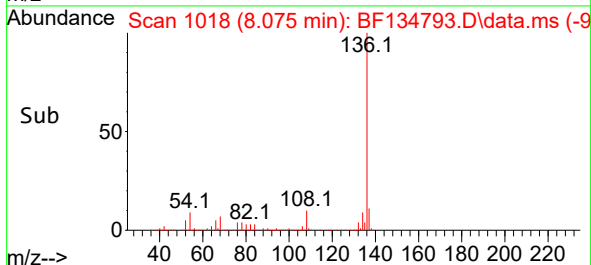
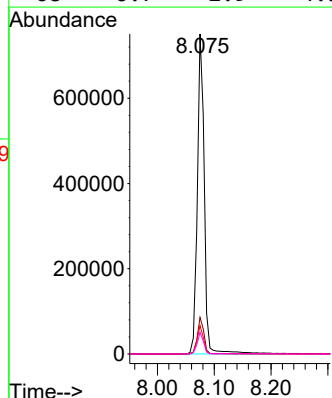
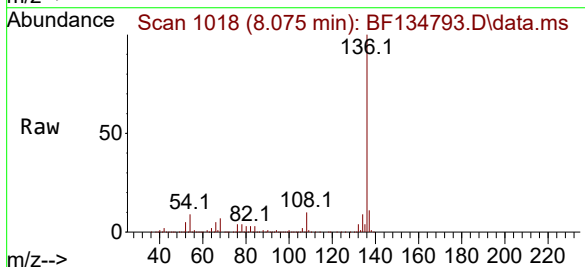
Instrument :
BNA_F
ClientSampleId :
TR-05-081423

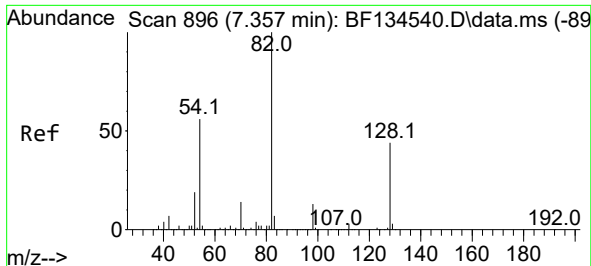
Tgt Ion: 99 Resp: 68692
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 30.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion: 136 Resp: 644618
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.9 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 3.764 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

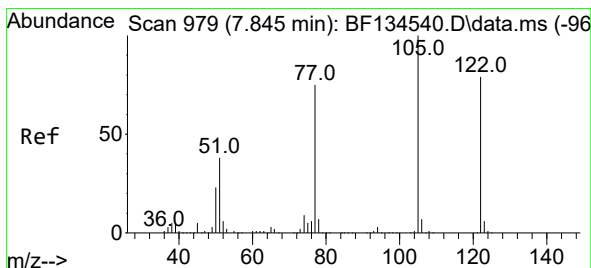
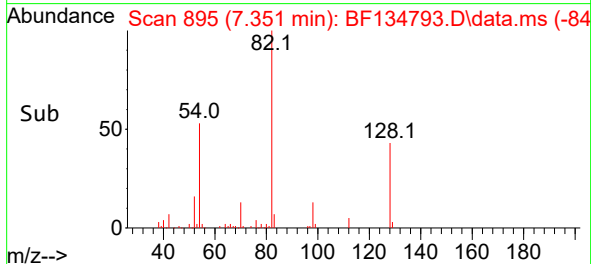
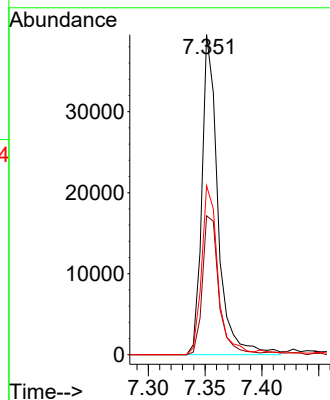
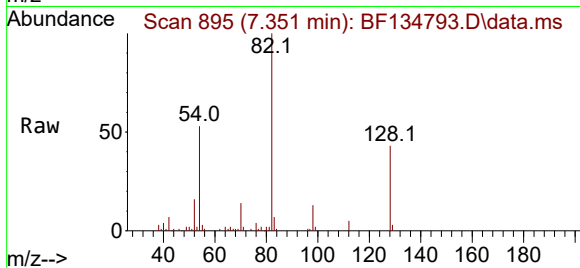
Tgt Ion: 82 Resp: 38825

Ion Ratio Lower Upper

82 100

128 43.4 34.3 51.5

54 52.8 43.8 65.6



#32

Benzoic acid

Concen: 7.887 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.212 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

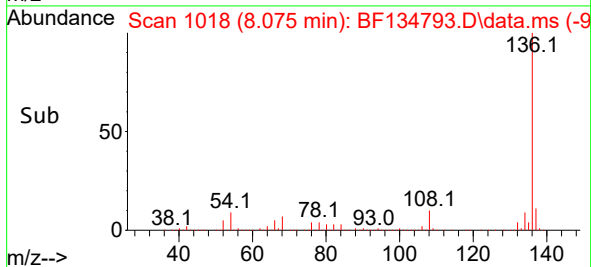
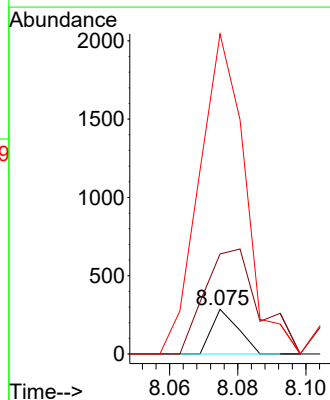
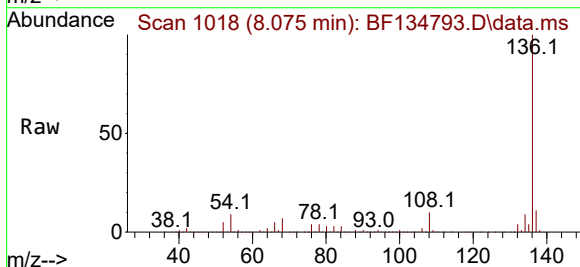
Tgt Ion: 122 Resp: 154

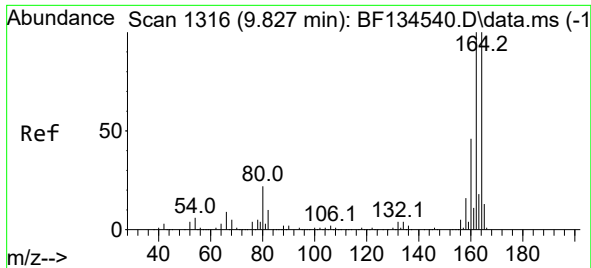
Ion Ratio Lower Upper

122 100

105 224.2 87.5 127.5#

77 717.2 71.4 111.4#

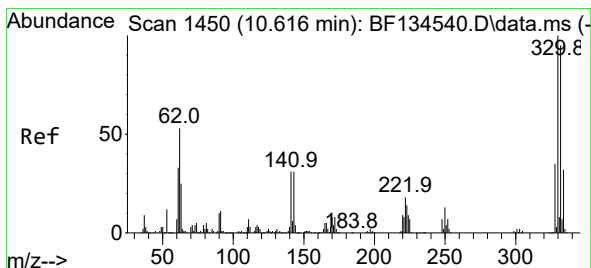
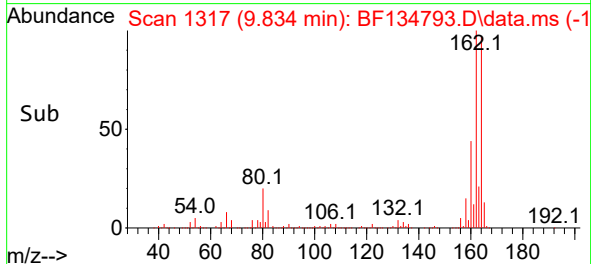
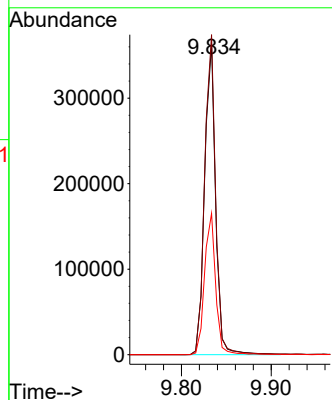
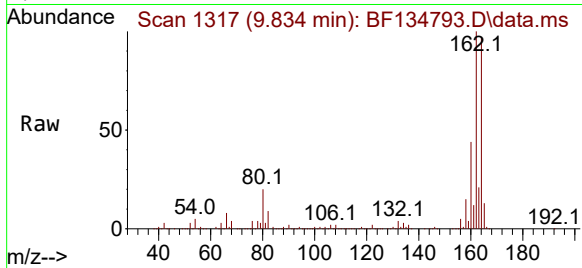




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

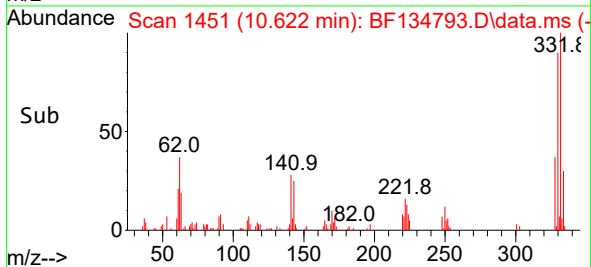
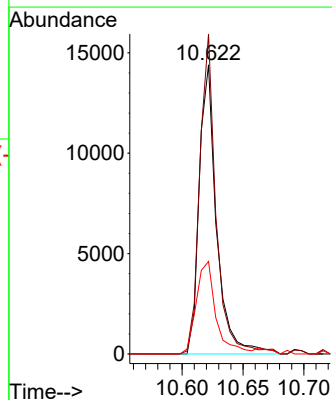
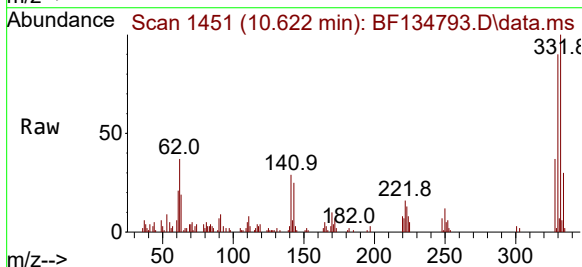
Instrument :
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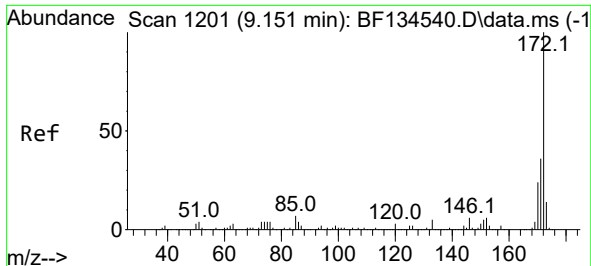
Tgt Ion:164 Resp: 309062
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 4.524 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion:330 Resp: 14252
Ion Ratio Lower Upper
330 100
332 104.4 78.8 118.2
141 36.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 4.531 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

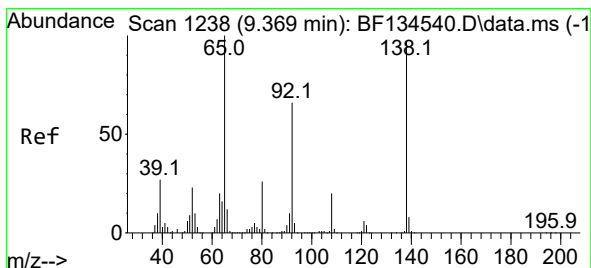
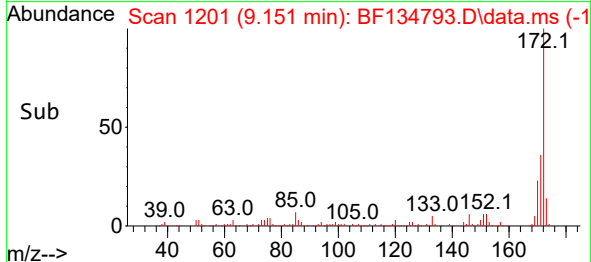
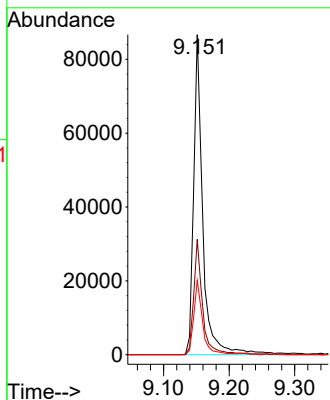
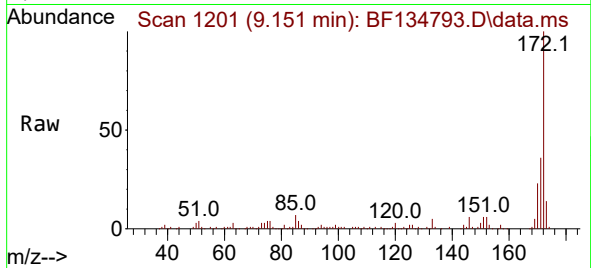
Tgt Ion:172 Resp: 84231

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.185 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.076 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

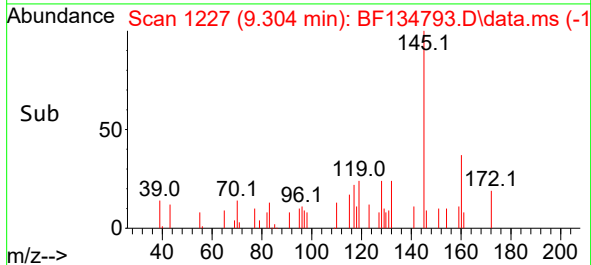
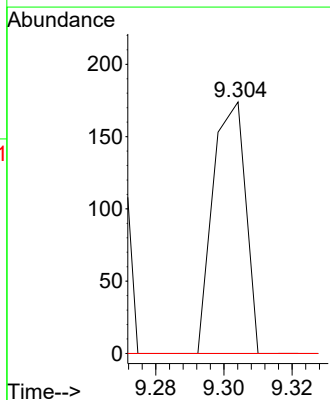
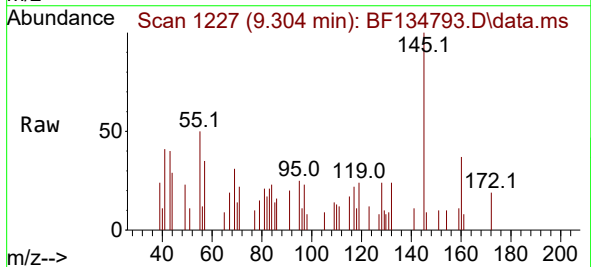
Tgt Ion: 65 Resp: 115

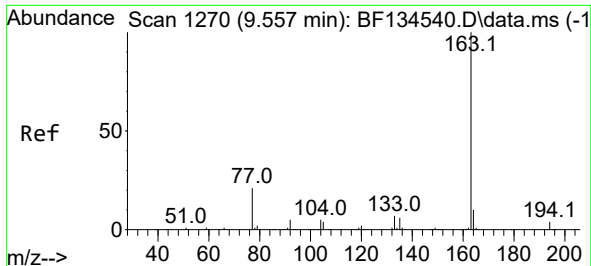
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

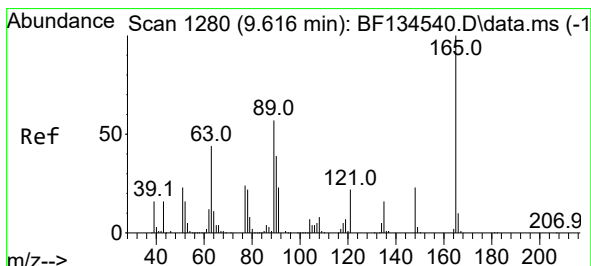
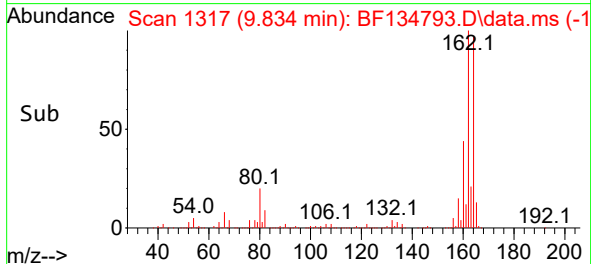
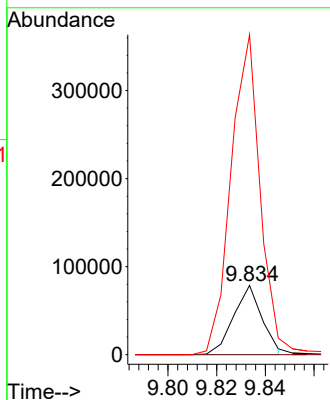
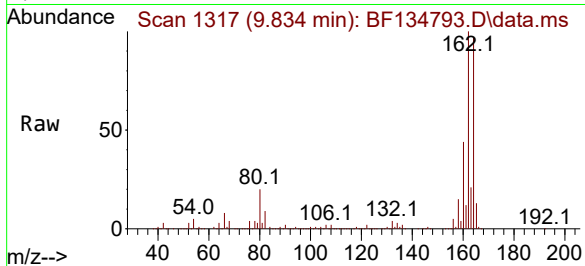




#50
Dimethylphthalate
Concen: 3.045 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

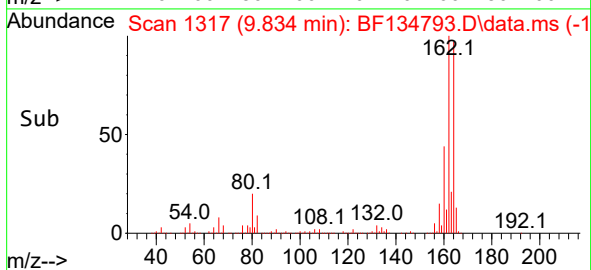
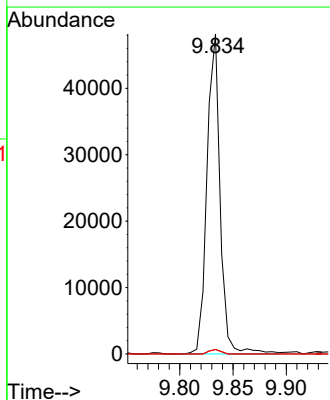
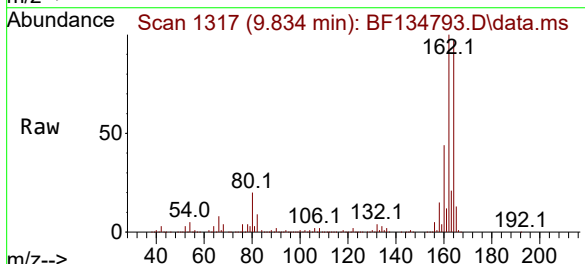
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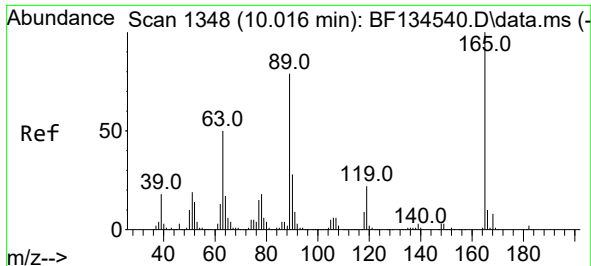
Tgt Ion:163 Resp: 64147
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 462.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.641 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion:165 Resp: 41637
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#

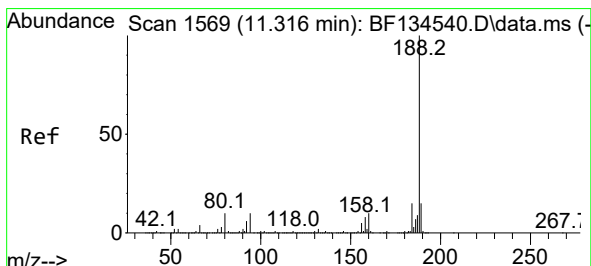
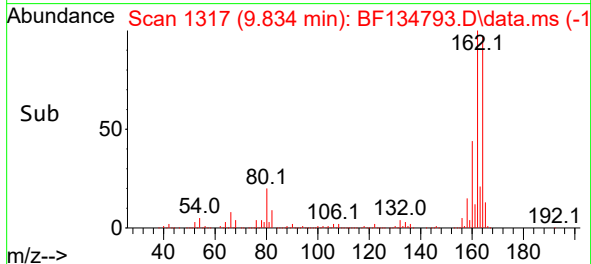
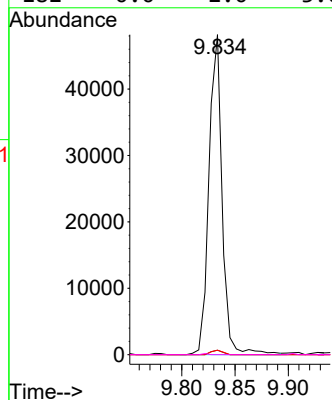
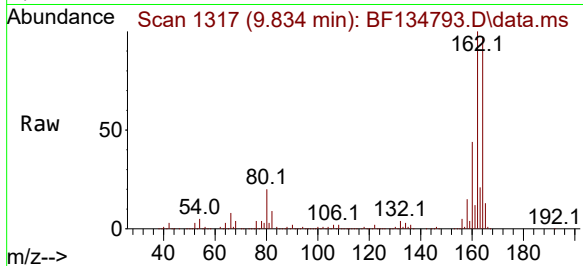




#57
2,4-Dinitrotoluene
Concen: 10.364 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

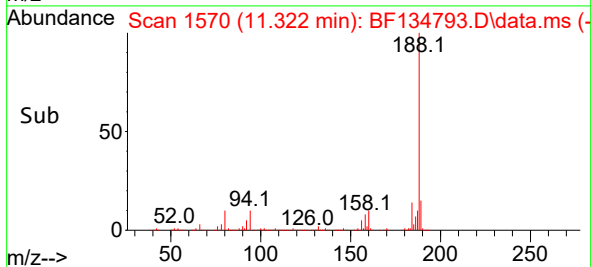
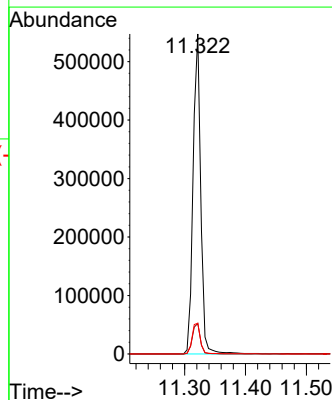
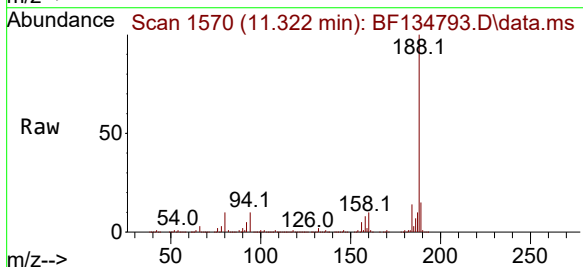
Instrument :
BNA_F
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TR-05-081423

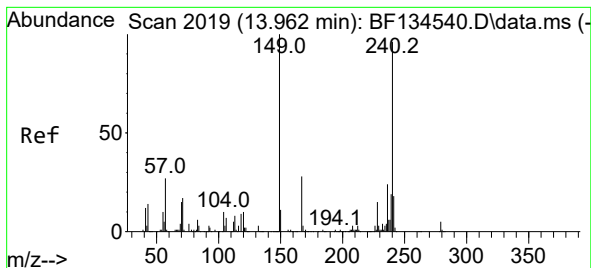
Tgt Ion:165 Resp: 41637
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion:188 Resp: 476013
Ion Ratio Lower Upper
188 100
94 9.6 5.1 7.7#
80 9.6 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

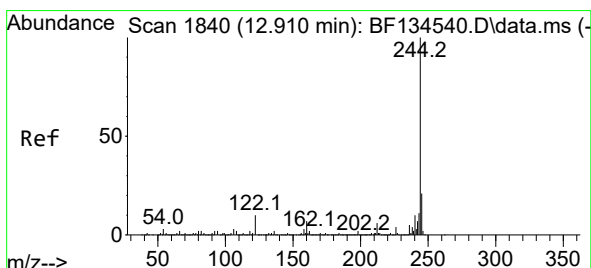
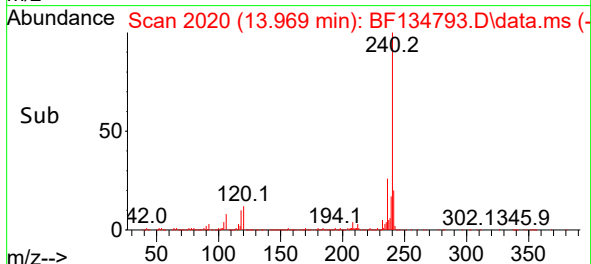
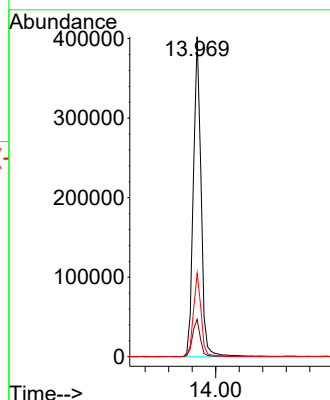
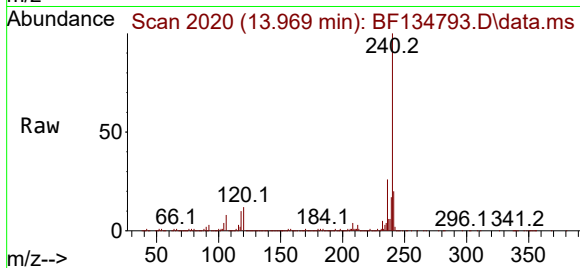
Tgt Ion:240 Resp: 367844

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 26.1 20.2 30.2



#79

Terphenyl-d14

Concen: 3.544 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

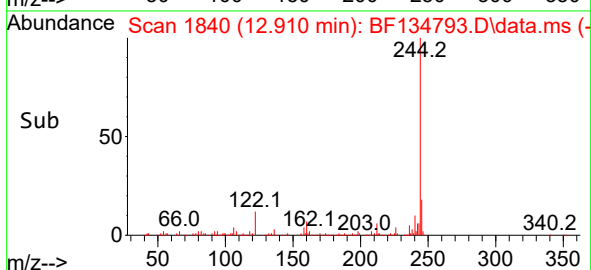
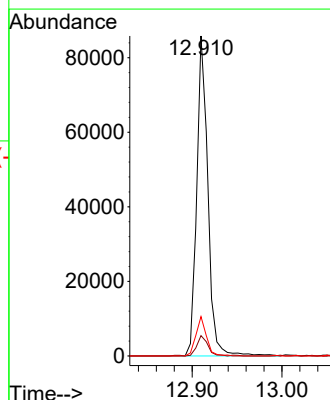
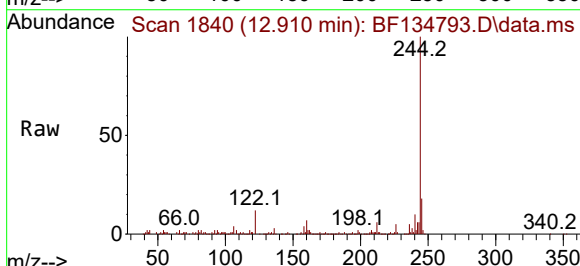
Tgt Ion:244 Resp: 73960

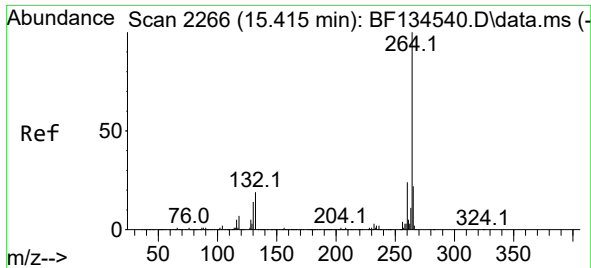
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

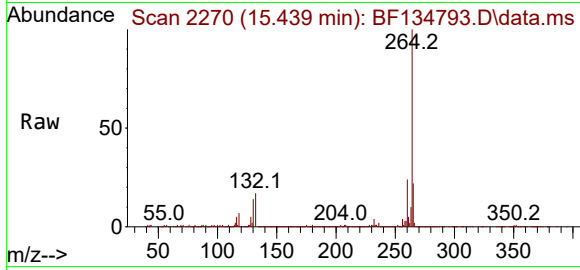
122 12.3 8.0 12.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134793.D
 Acq: 15 Aug 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081423



Tgt Ion:264 Resp: 279434
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.7 15.8 23.8

