

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134790.D
 Acq On : 15 Aug 2023 18:18
 Operator : CG\JU
 Sample : 04017-03 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B

Quant Time: Aug 16 03:13:04 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)

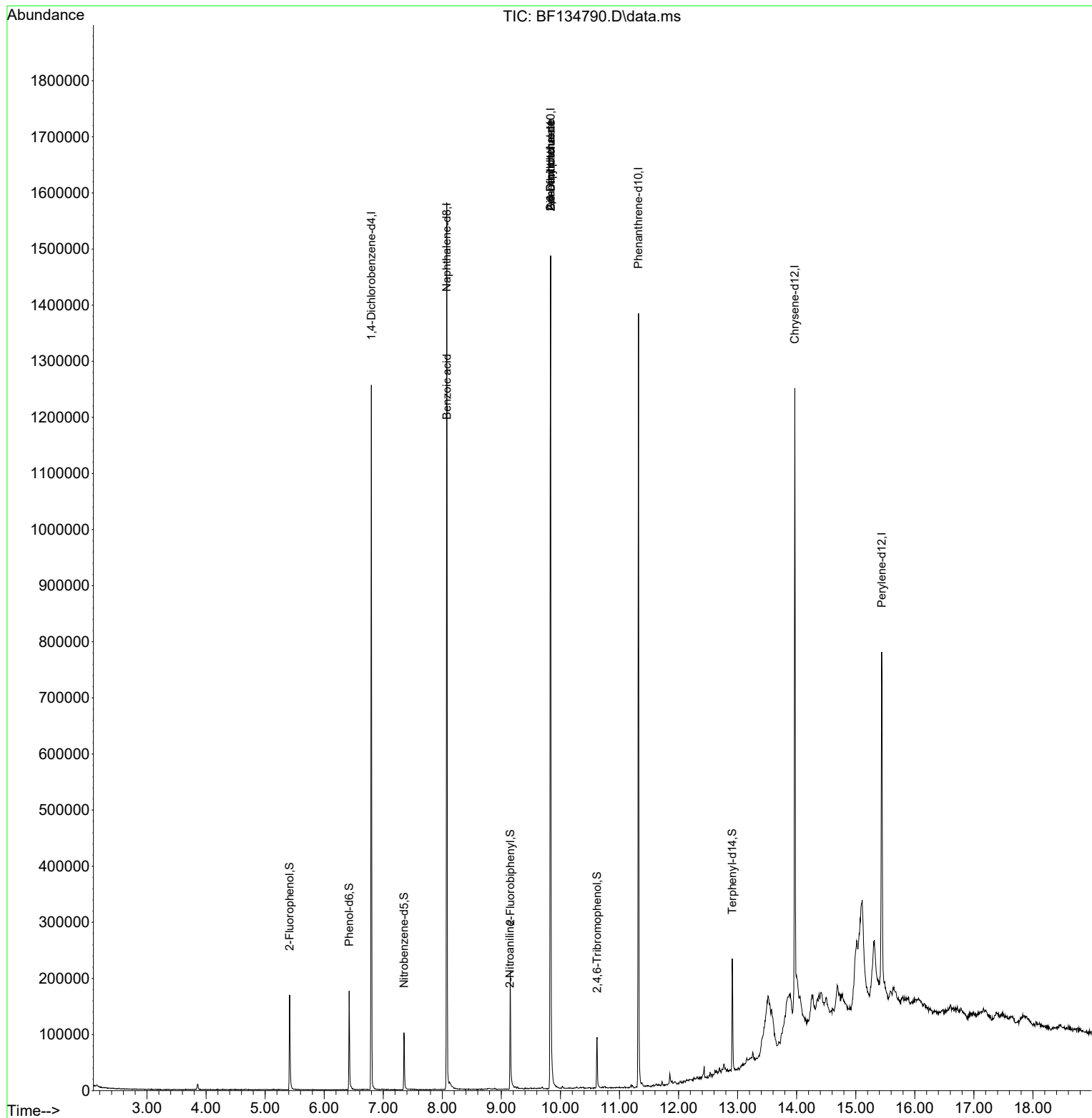
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	169999	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	642239	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	317942	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	481140	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	368634	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	287598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	47848	4.278	ng	-0.01
7) Phenol-d6	6.422	99	59567	4.167	ng	-0.02
23) Nitrobenzene-d5	7.351	82	33039	3.215	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	12800	3.949	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	75542	3.951	ng	-0.01
79) Terphenyl-d14	12.910	244	70208	3.357	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	8.080	122	62	7.875	ng	# 1
48) 2-Nitroaniline	9.145	65	55	3.175	ng	# 8
50) Dimethylphthalate	9.833	163	64152	2.960	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	42689	11.610	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	43161	10.421	ng	# 18

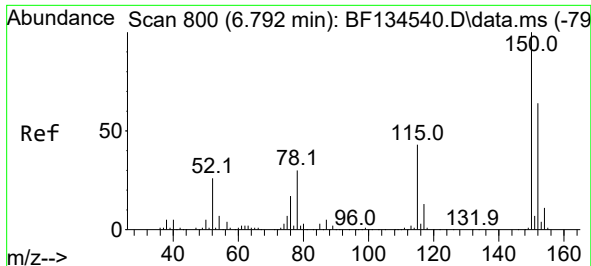
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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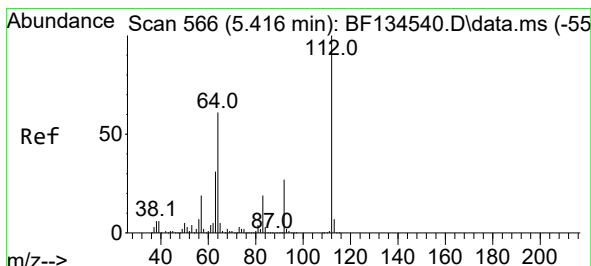
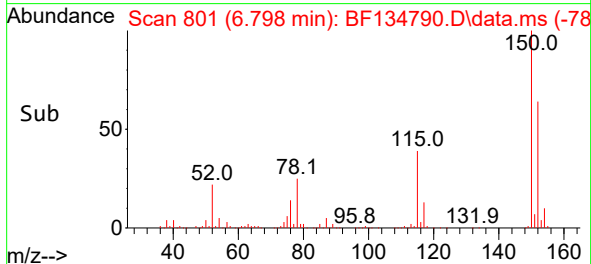
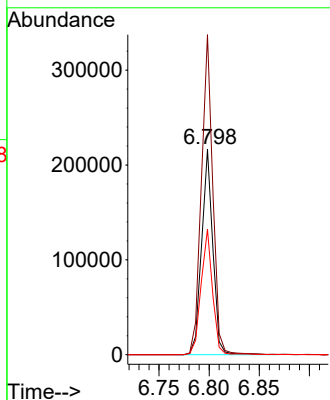
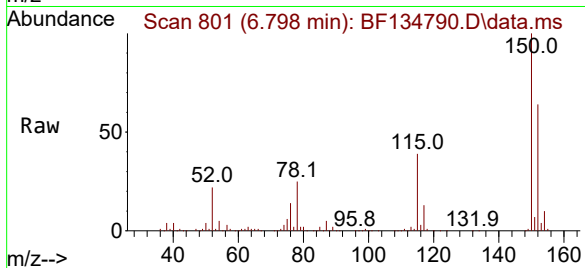




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

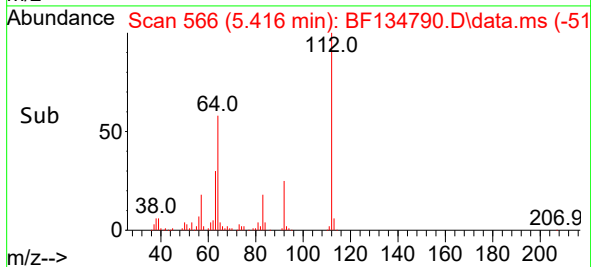
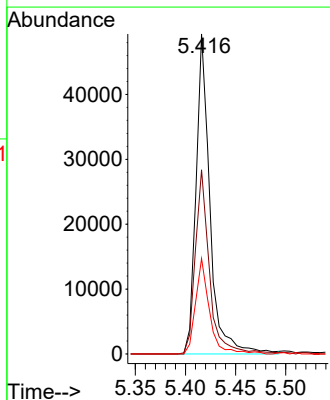
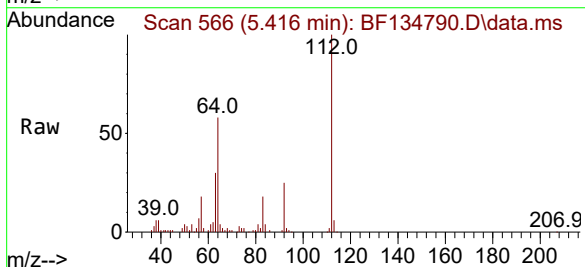
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

Tgt Ion:152 Resp: 169999
Ion Ratio Lower Upper
152 100
150 155.8 128.3 192.5
115 61.1 52.4 78.6



#5
2-Fluorophenol
Concen: 4.278 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

Tgt Ion:112 Resp: 47848
Ion Ratio Lower Upper
112 100
64 57.5 44.9 67.3
63 29.8 25.4 38.0

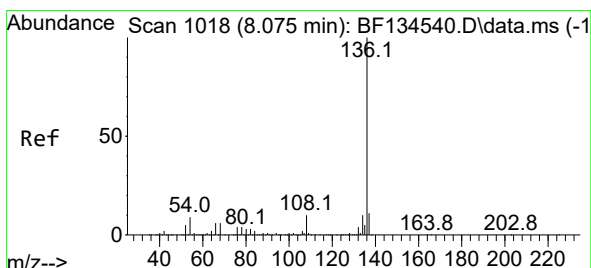
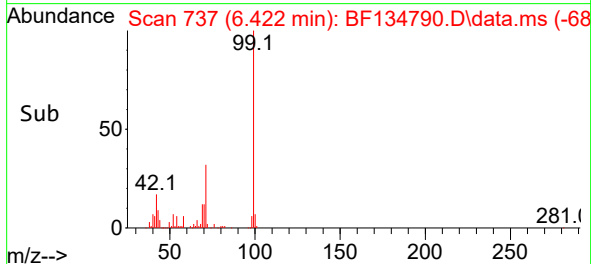
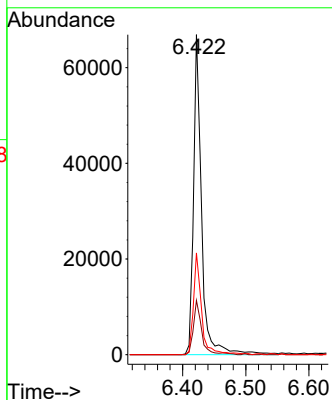
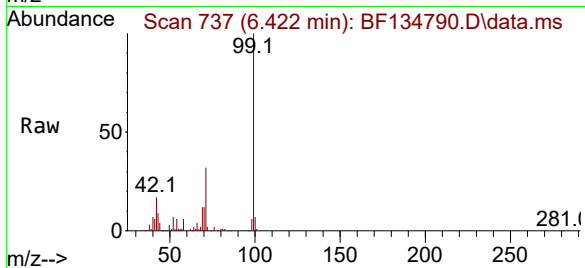




#7
Phenol-d6
Concen: 4.167 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

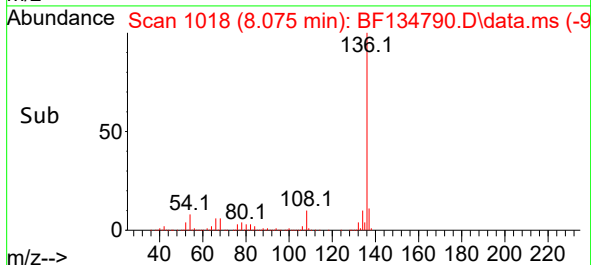
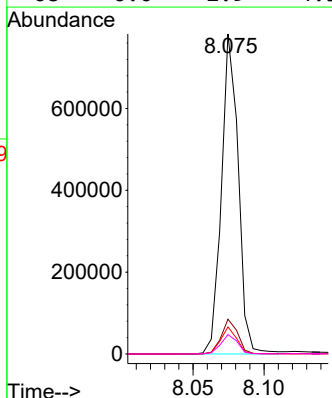
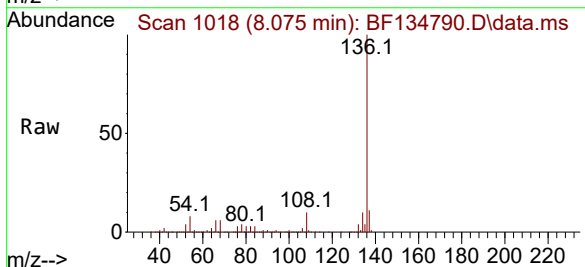
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

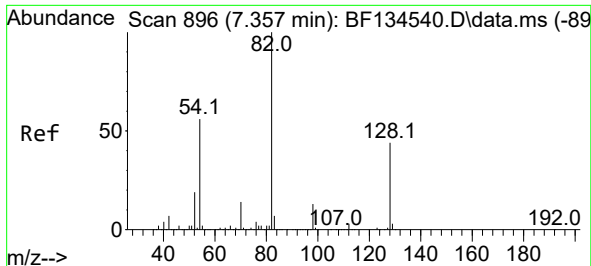
Tgt Ion: 99 Resp: 59567
Ion Ratio Lower Upper
99 100
42 17.0 18.7 28.1#
71 31.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

Tgt Ion: 136 Resp: 642239
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.4 5.2 7.8#
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 3.215 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134790.D

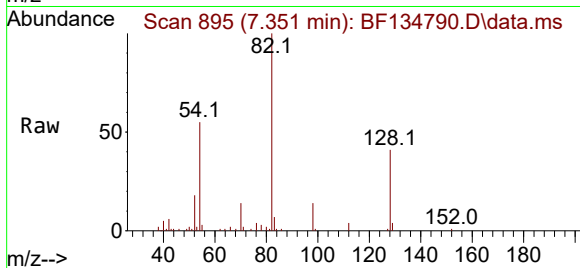
Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B



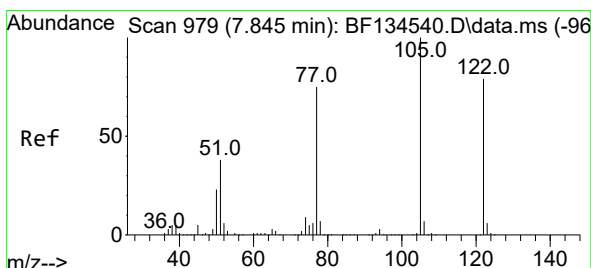
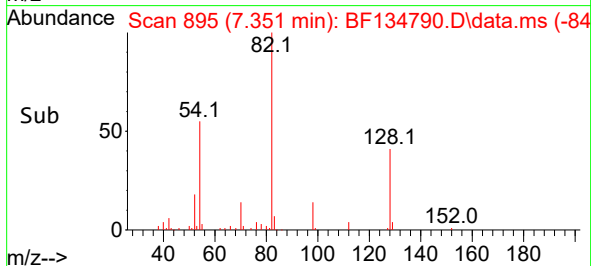
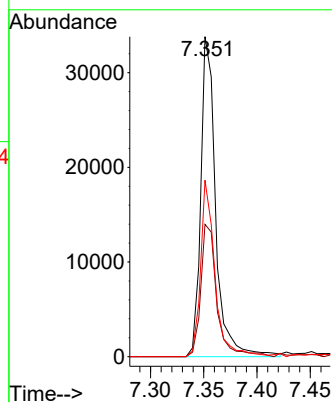
Tgt Ion: 82 Resp: 33039

Ion Ratio Lower Upper

82 100

128 41.4 34.3 51.5

54 55.2 43.8 65.6



#32

Benzoic acid

Concen: 7.875 ng

RT: 8.080 min Scan# 1019

Delta R.T. 0.218 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

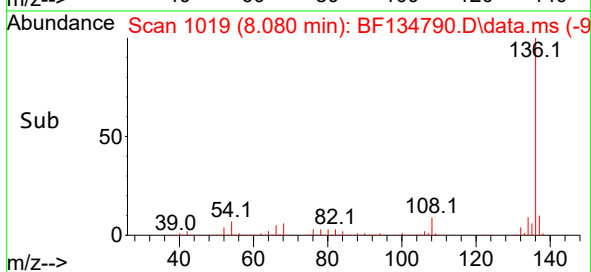
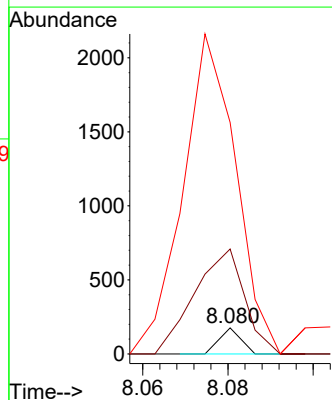
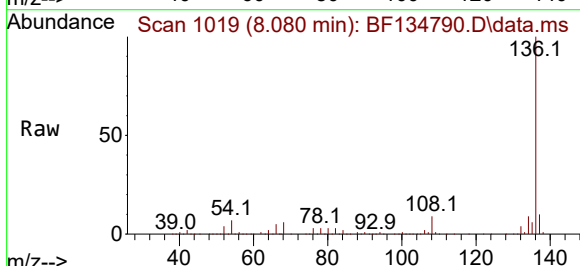
Tgt Ion: 122 Resp: 62

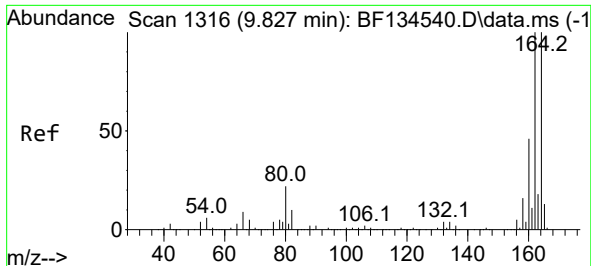
Ion Ratio Lower Upper

122 100

105 402.8 87.5 127.5#

77 888.1 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: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

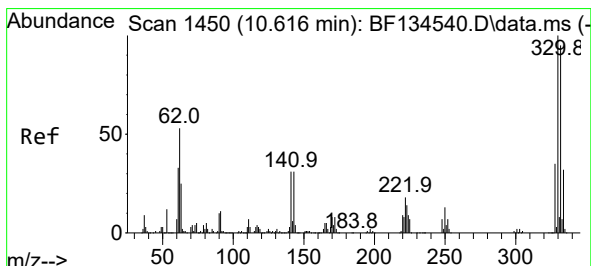
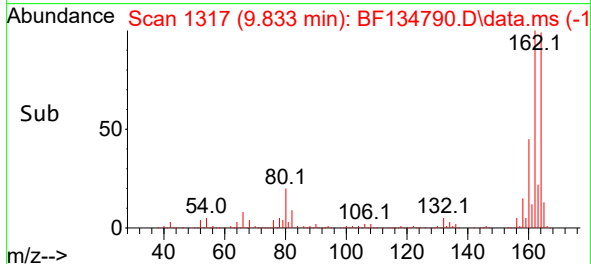
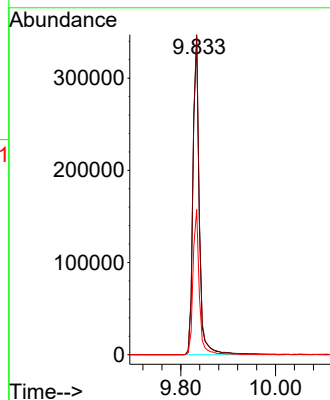
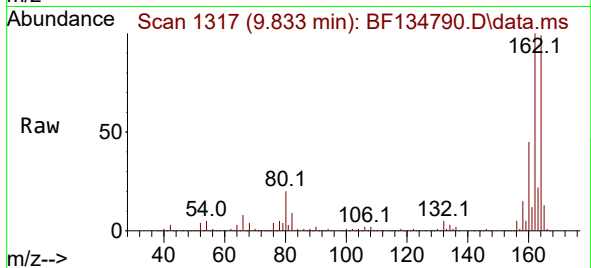
Tgt Ion:164 Resp: 317942

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

160 45.7 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 3.949 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

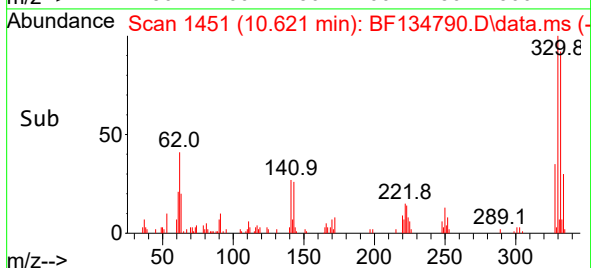
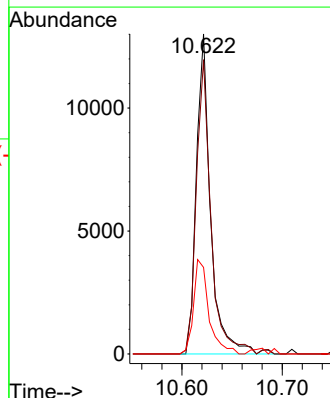
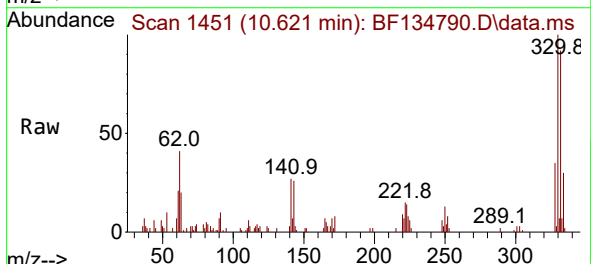
Tgt Ion:330 Resp: 12800

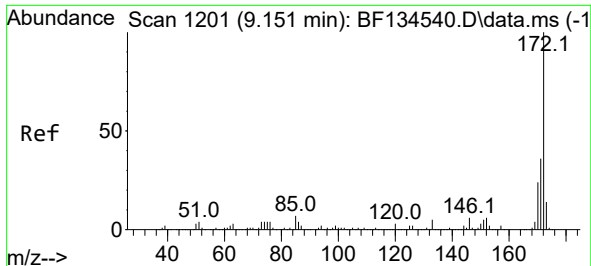
Ion Ratio Lower Upper

330 100

332 94.9 78.8 118.2

141 31.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 3.951 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

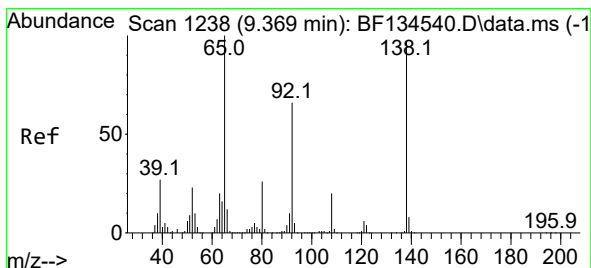
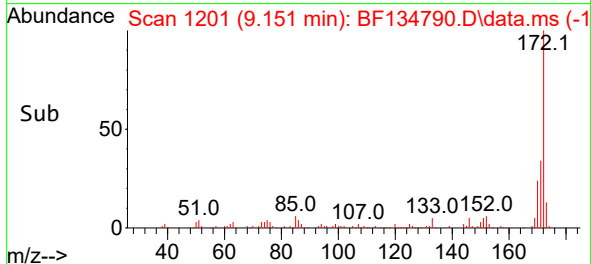
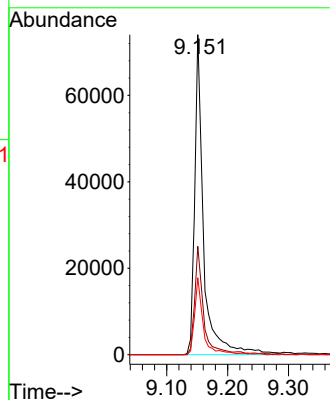
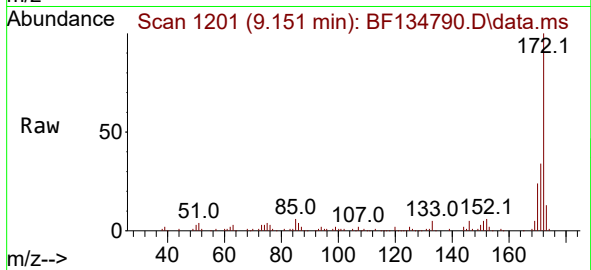
Tgt Ion:172 Resp: 75542

Ion Ratio Lower Upper

172 100

171 33.8 28.8 43.2

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.175 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.235 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

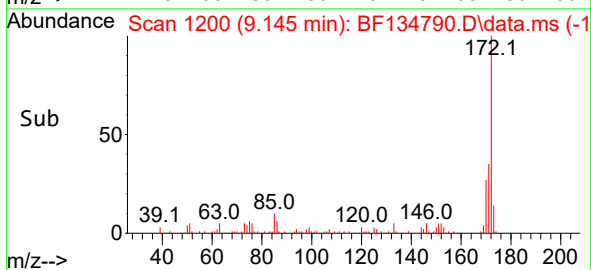
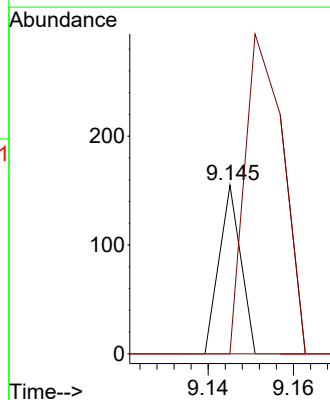
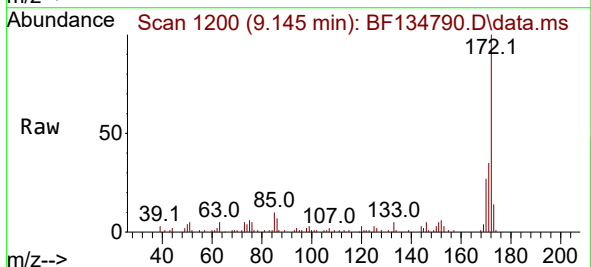
Tgt Ion: 65 Resp: 55

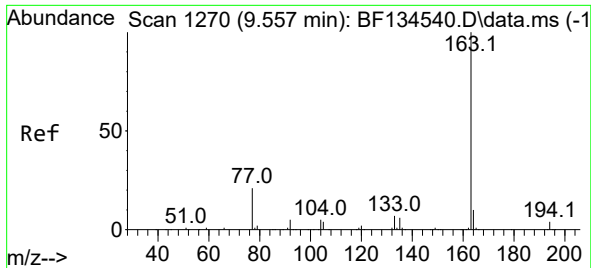
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

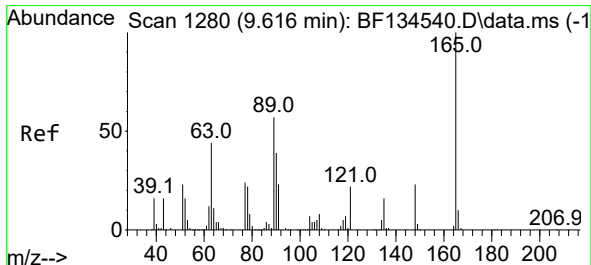
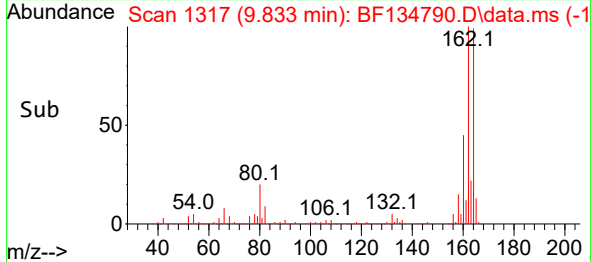
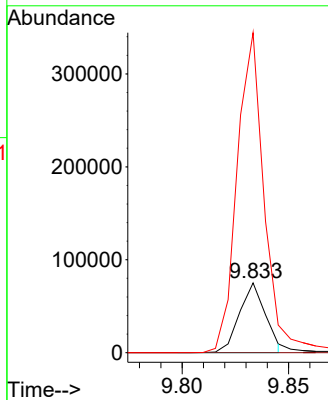
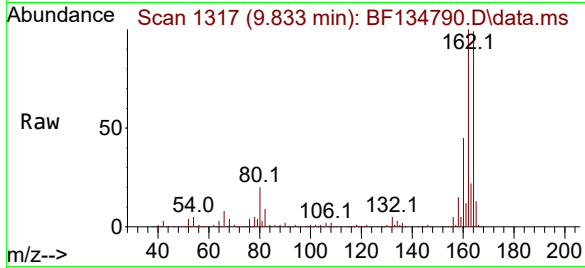




#50
Dimethylphthalate
Concen: 2.960 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

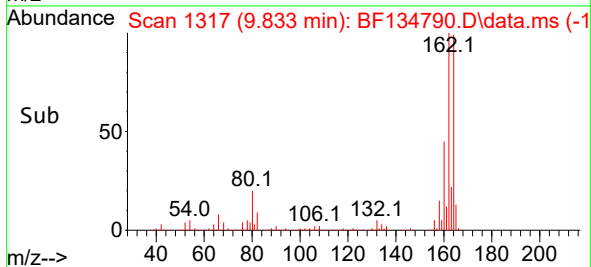
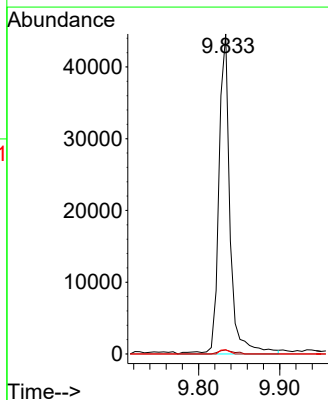
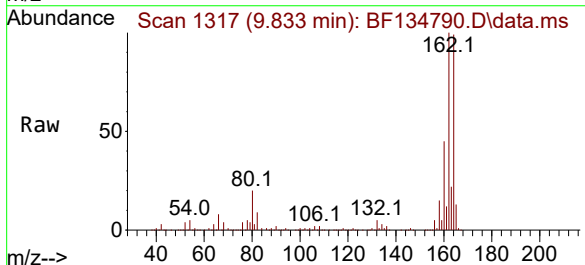
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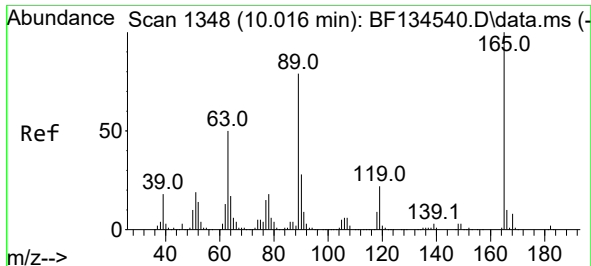
Tgt Ion:163 Resp: 64152
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 458.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.610 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

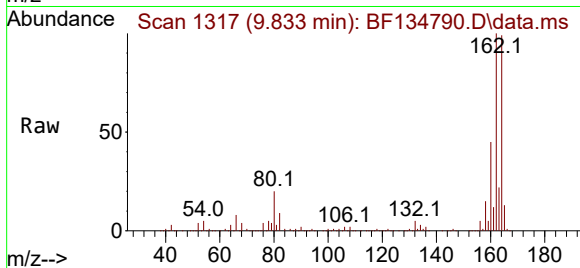
Tgt Ion:165 Resp: 42689
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.3 51.8 77.8#



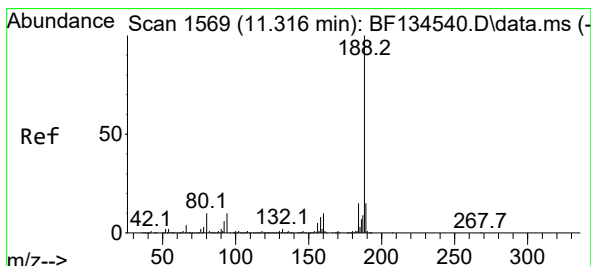
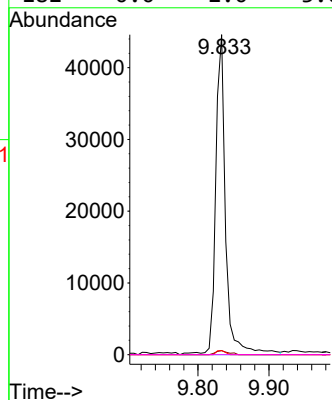
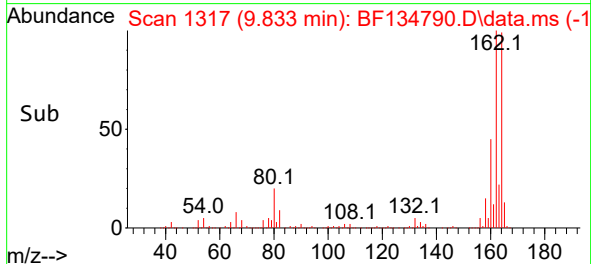


#57
2,4-Dinitrotoluene
Concen: 10.421 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

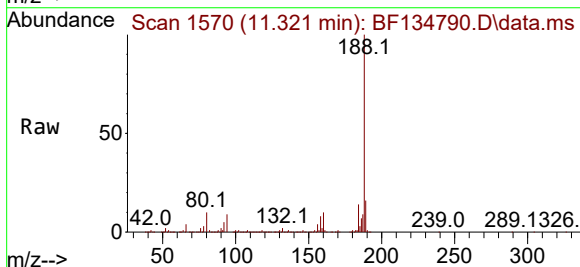
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B



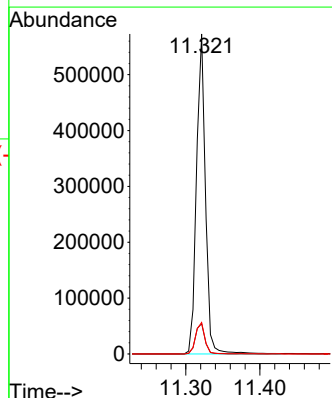
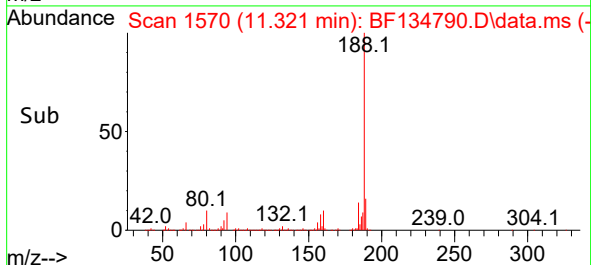
Tgt Ion:165 Resp: 43161
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#

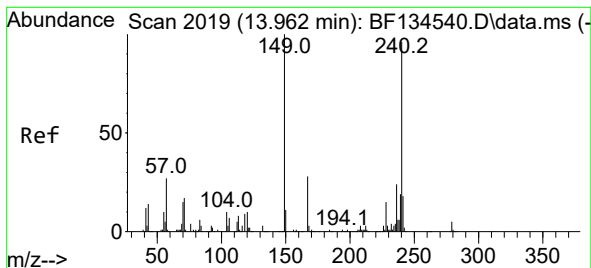


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18



Tgt Ion:188 Resp: 481140
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.9 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

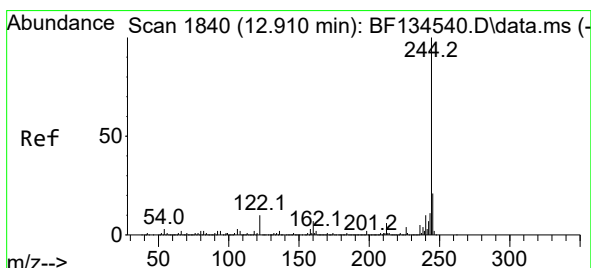
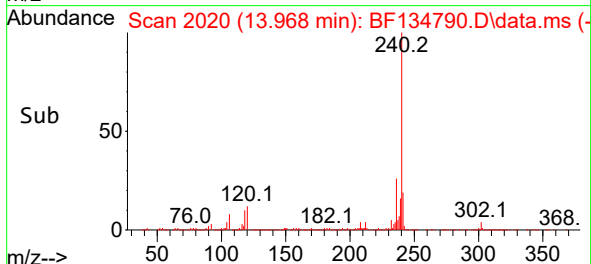
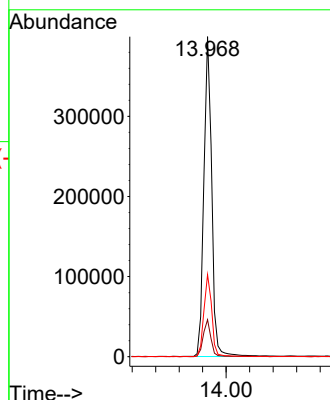
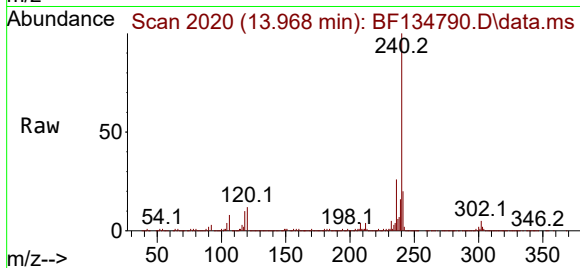
Tgt Ion:240 Resp: 368634

Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

236 25.6 20.2 30.2



#79

Terphenyl-d14

Concen: 3.357 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

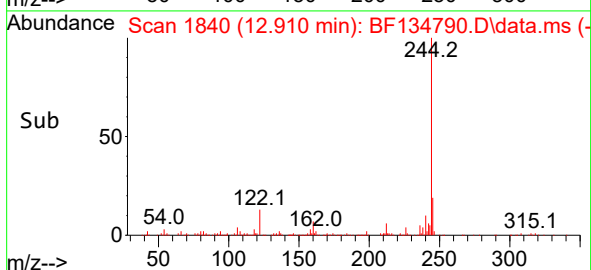
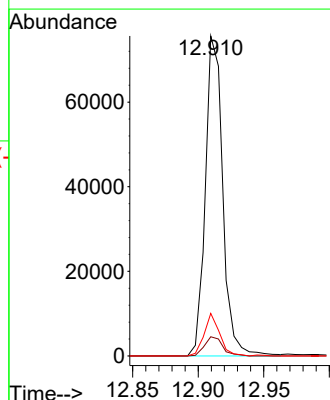
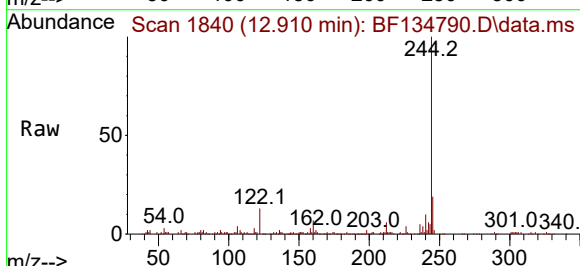
Tgt Ion:244 Resp: 70208

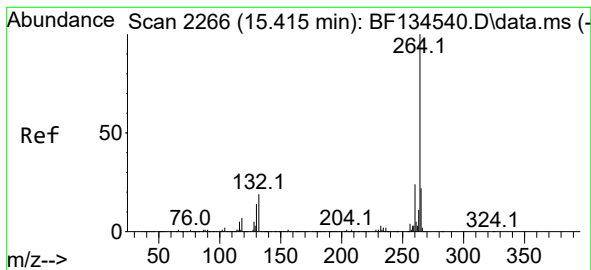
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

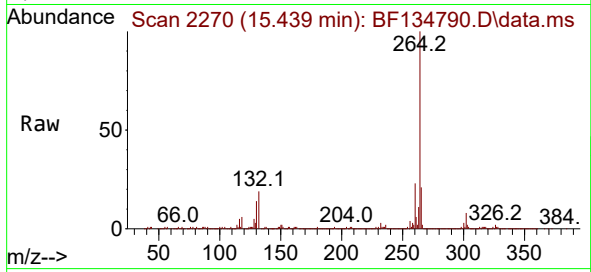
122 13.3 8.0 12.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B



Tgt Ion:264 Resp: 287598
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 20.7 15.8 23.8

