

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

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
31) Naphthalene	8.098	128	145394	4.044	ng	99
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	36429m	2.199	ng	

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

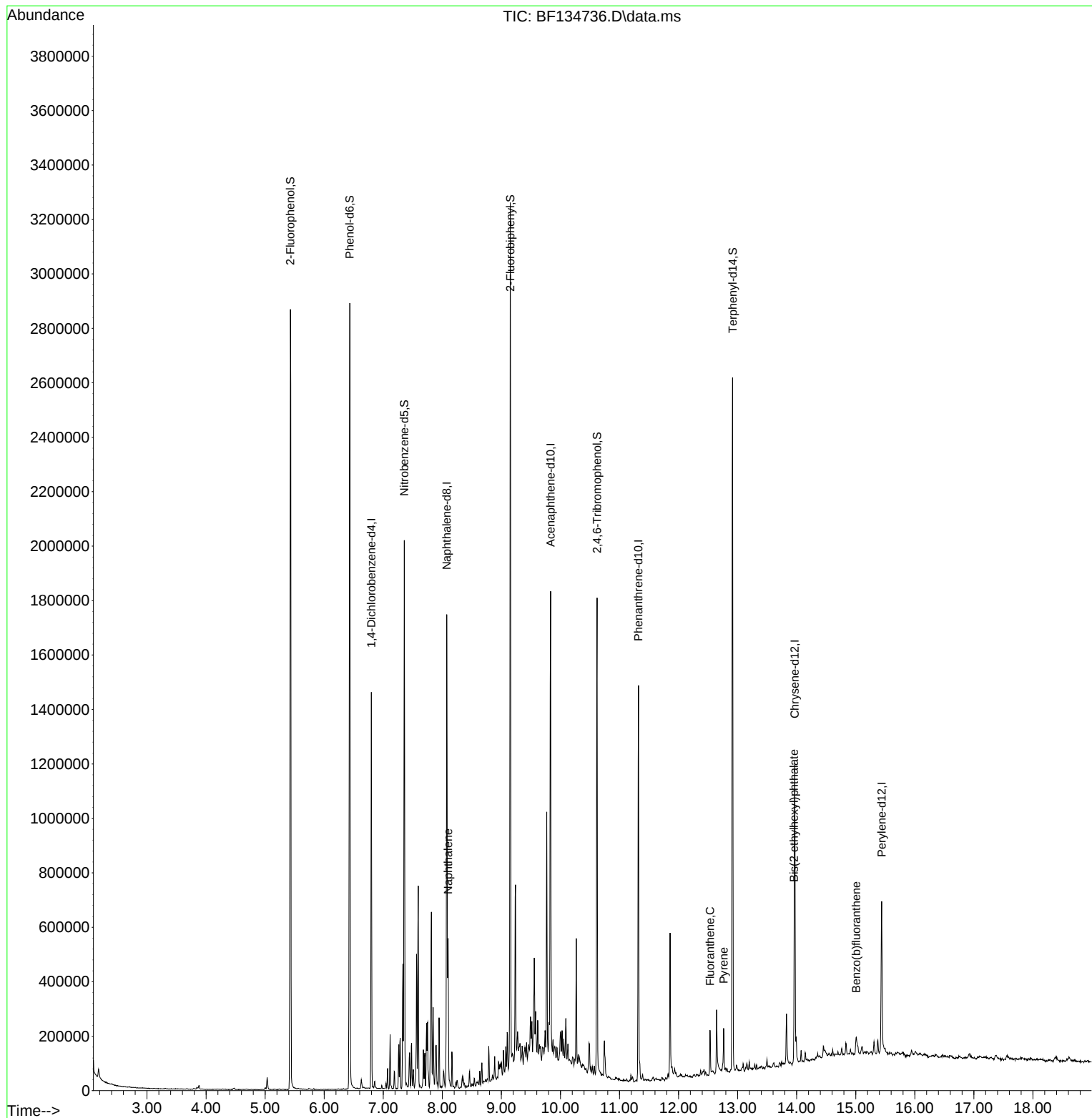
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
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ALS Vial : 8 Sample Multiplier: 1

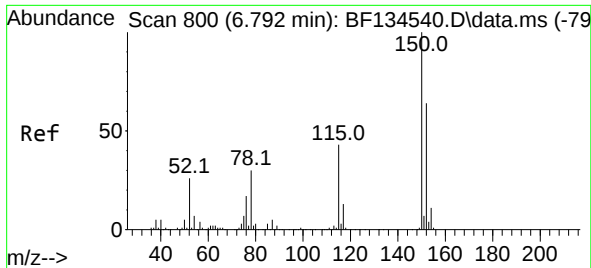
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Quant Time: Aug 11 22:22:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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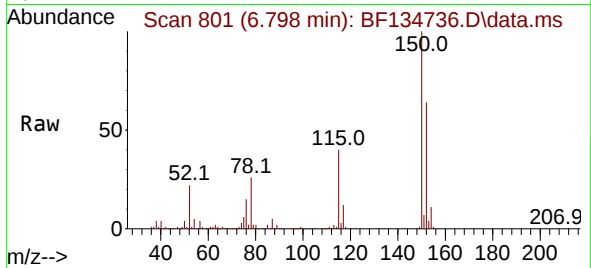
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023





#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

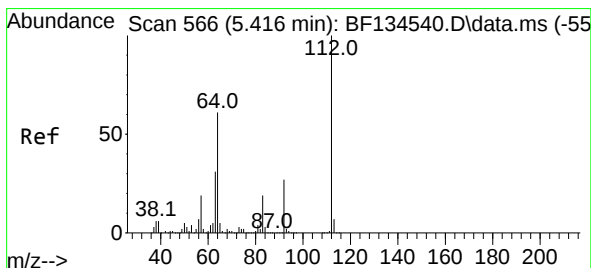
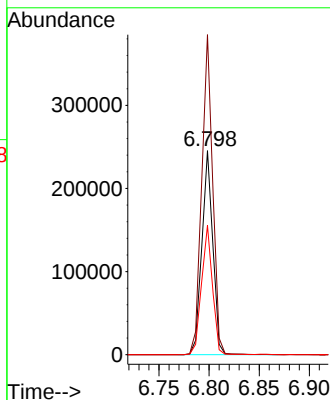
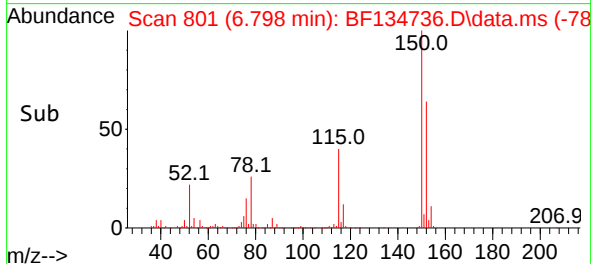
Instrument :
BNA_F
ClientSampleId :
B-PP03A



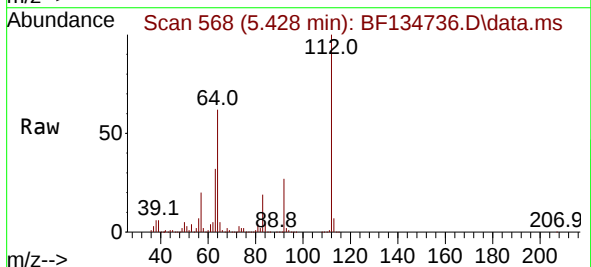
Tgt Ion:152 Resp: 18738
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 63.4 52.4 78.6

Manual Integrations
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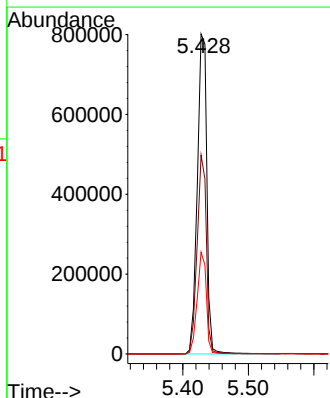
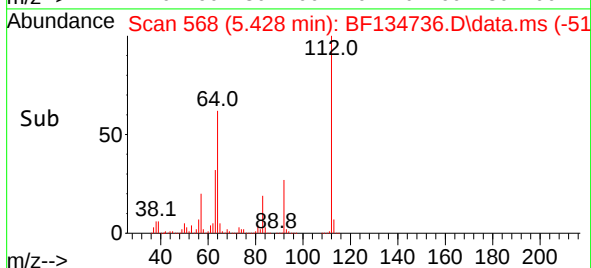
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

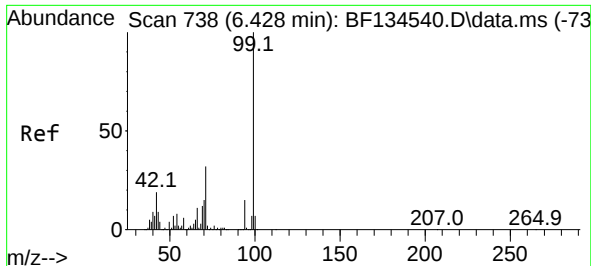


#5
2-Fluorophenol
Concen: 66.122 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06



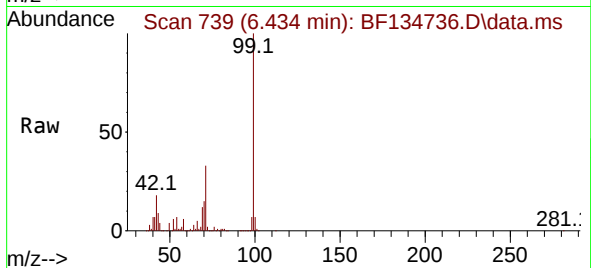
Tgt Ion:112 Resp: 815083
Ion Ratio Lower Upper
112 100
64 62.1 44.9 67.3
63 31.8 25.4 38.0





#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

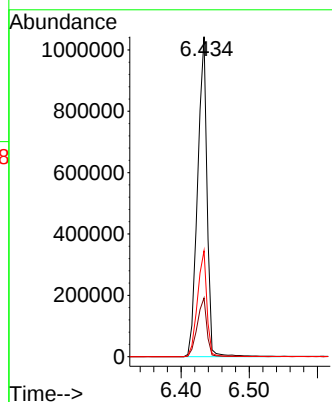
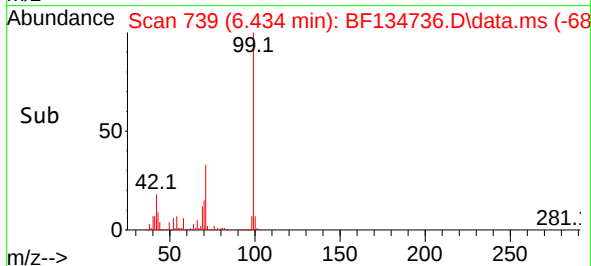
Instrument :
BNA_F
ClientSampleId :
B-PP03A



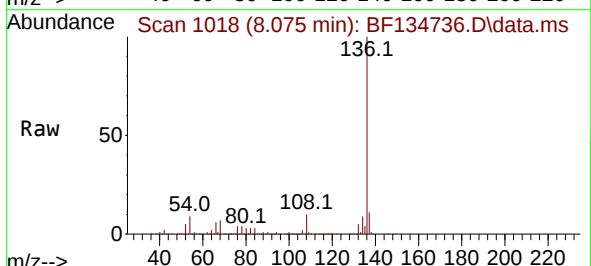
Tgt Ion: 99 Resp: 100090
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1
71 33.1 36.4 54.6

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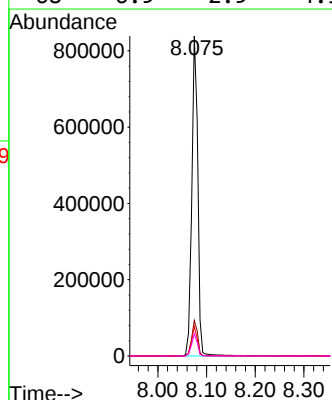
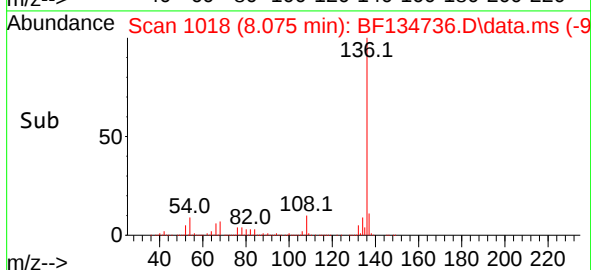
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

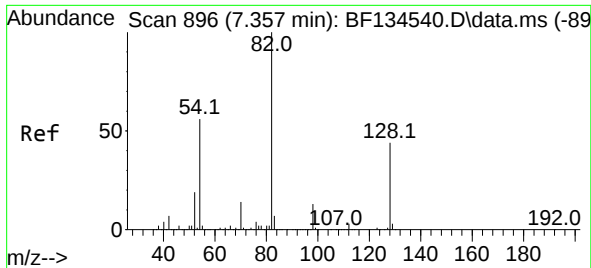


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06



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: 59512

Ion Ratio Lower Upper

82 100

128 44.4 34.3 51.5

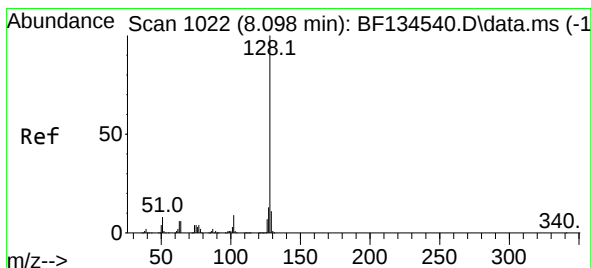
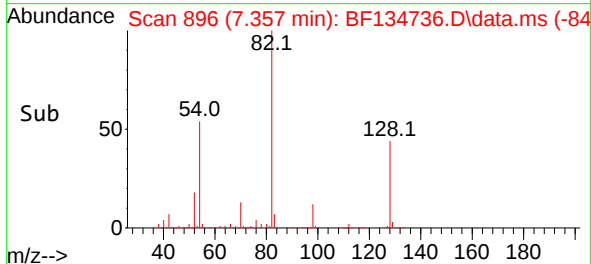
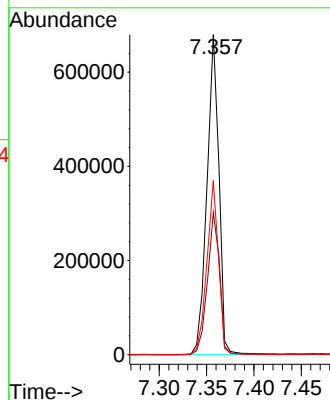
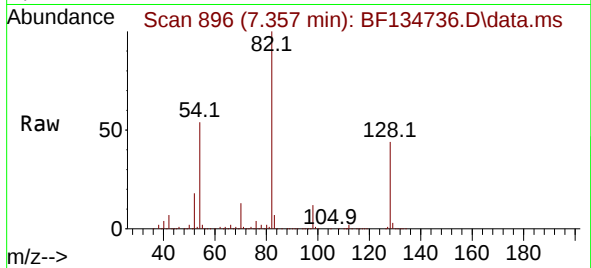
54 54.4 43.8 65.6

Manual Integrations

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#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

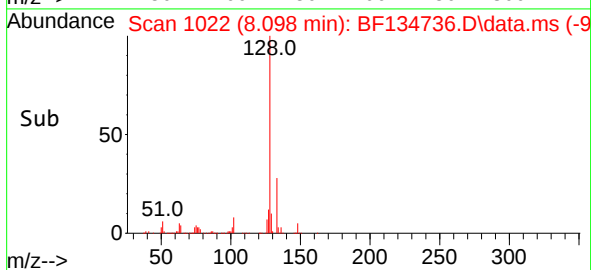
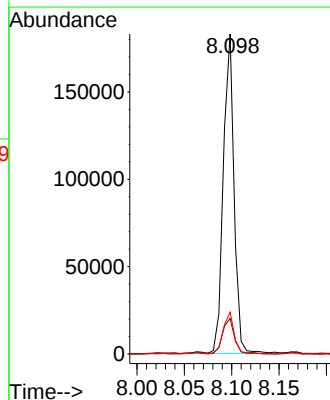
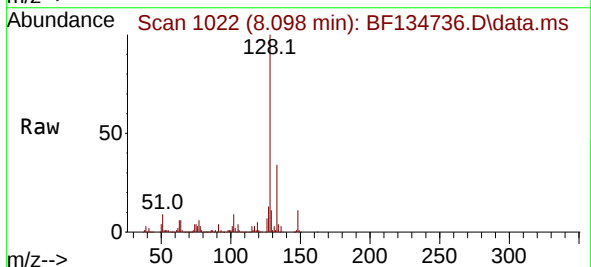
Tgt Ion:128 Resp: 145394

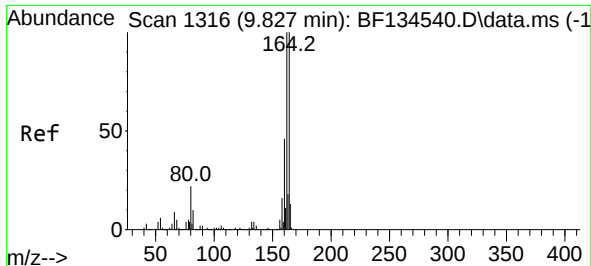
Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

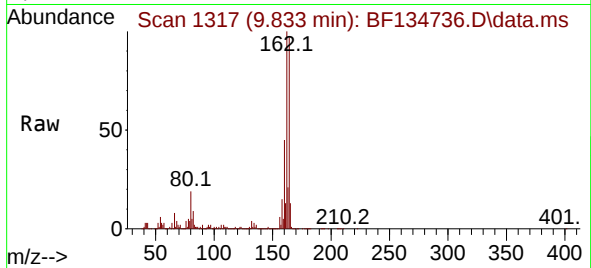
127 13.0 10.7 16.1





#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

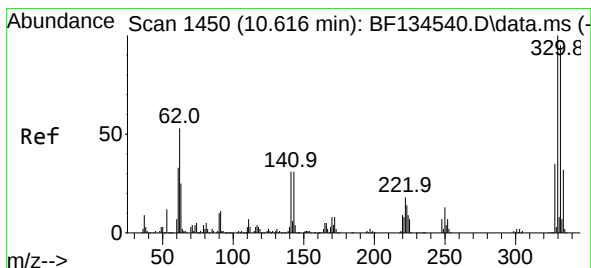
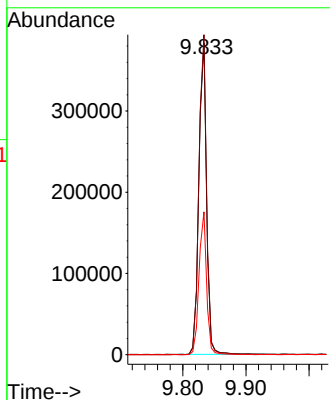
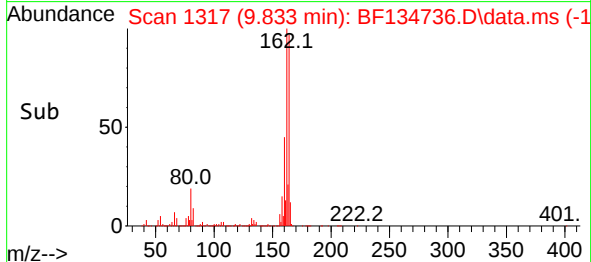
Instrument :
BNA_F
ClientSampleId :
B-PP03A



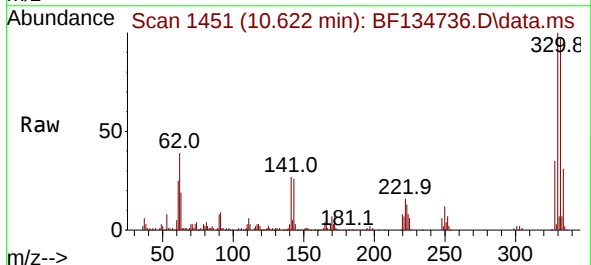
Tgt Ion:164 Resp: 32451
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.8 37.2 55.8

Manual Integrations
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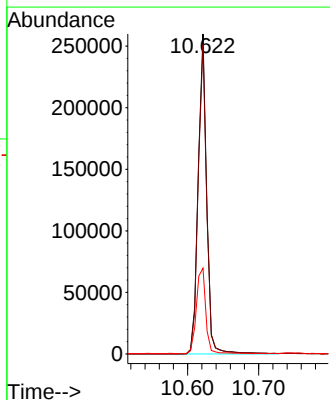
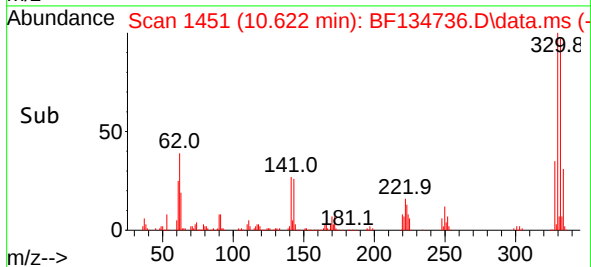
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

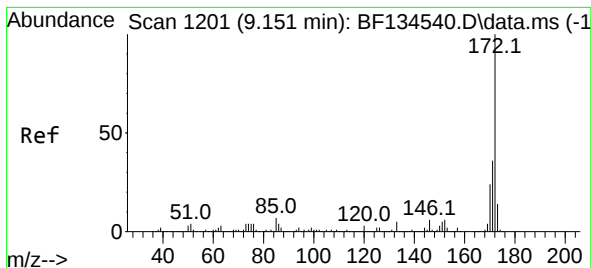


#42
2,4,6-Tribromophenol
Concen: 65.761 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06



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: 949220

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

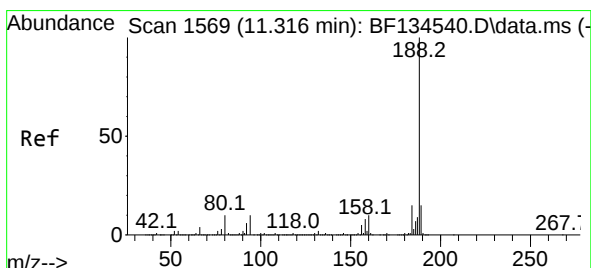
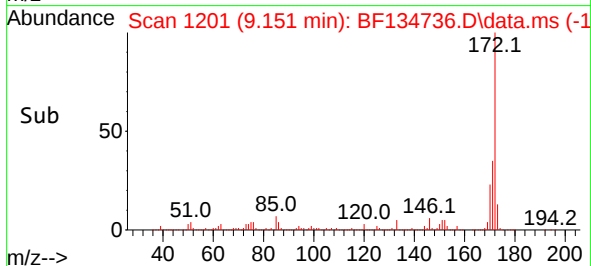
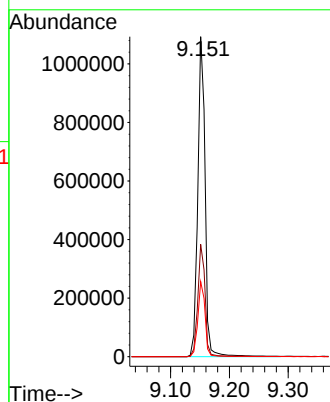
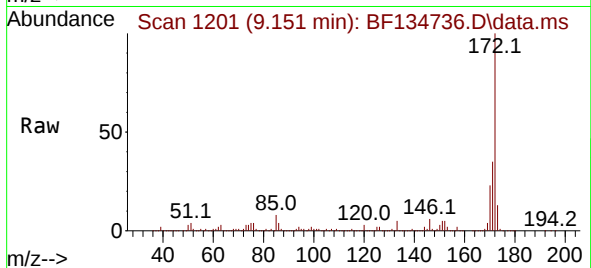
170 23.5 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

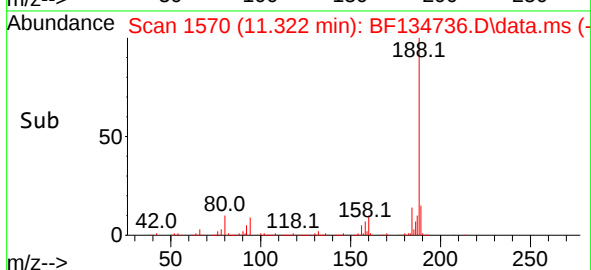
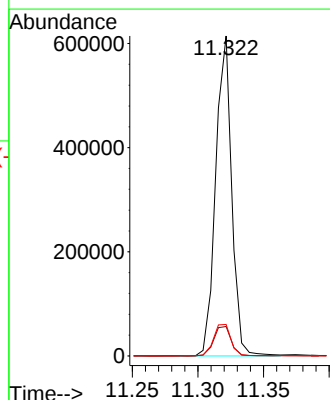
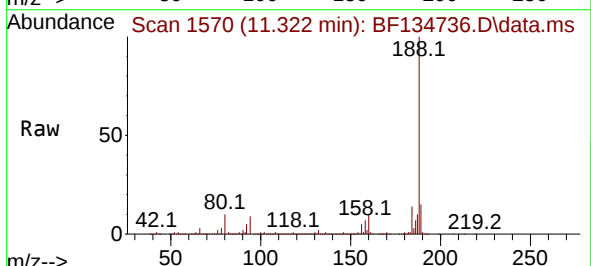
Tgt Ion:188 Resp: 520464

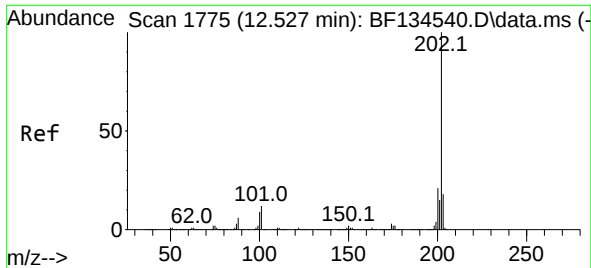
Ion Ratio Lower Upper

188 100

94 9.2 5.1 7.7#

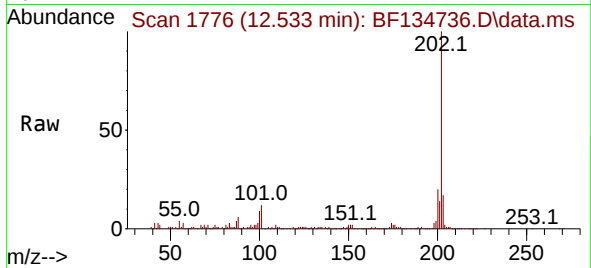
80 9.8 6.6 9.8





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

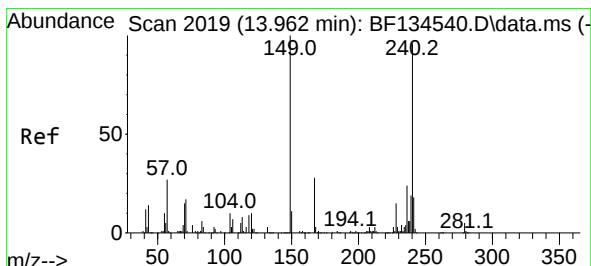
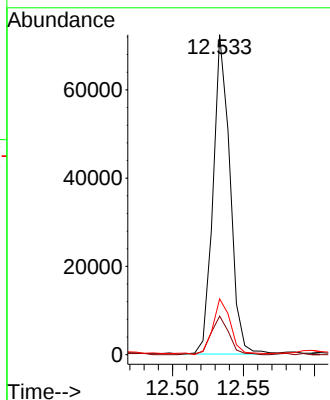
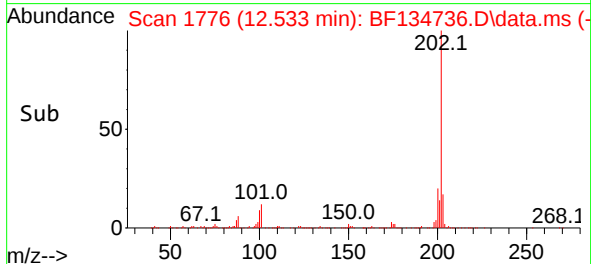
Instrument :
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Tgt Ion:202 Resp: 5977
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 17.5 0.0 37.5

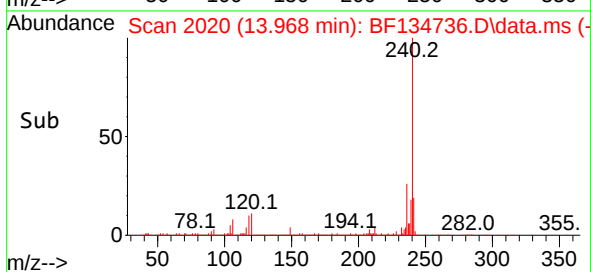
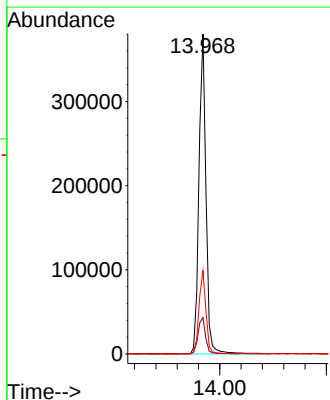
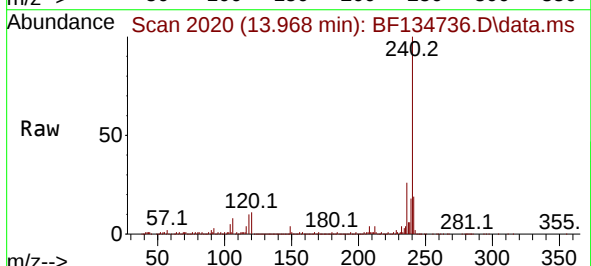
Manual Integrations
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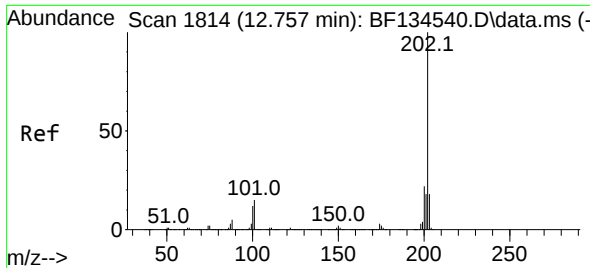
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

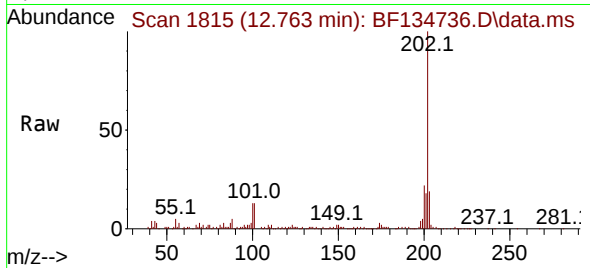
Tgt Ion:240 Resp: 349811
Ion Ratio Lower Upper
240 100
120 11.4 6.6 10.0#
236 26.0 20.2 30.2





#78
Pyrene
Concen: 2.014 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06

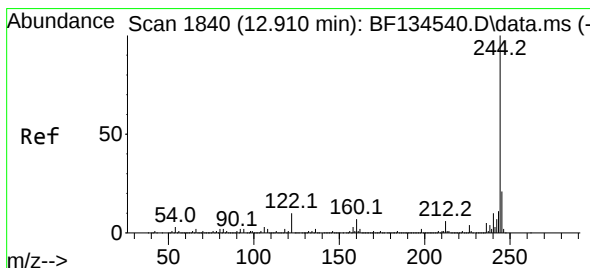
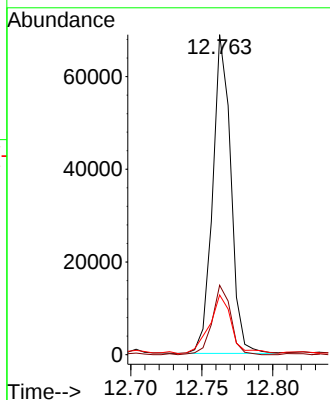
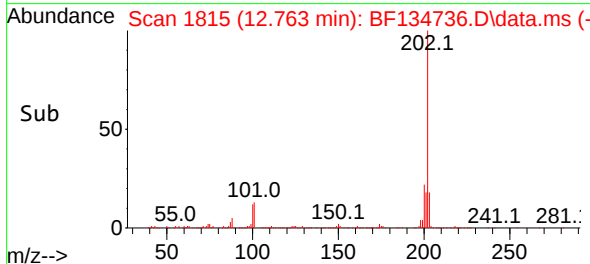
Instrument :
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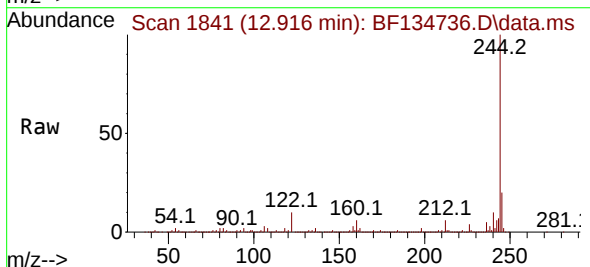
Tgt Ion:202 Resp: 60960
Ion Ratio Lower Upper
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200 21.7 15.8 23.8
203 18.7 13.5 20.3

Manual Integrations
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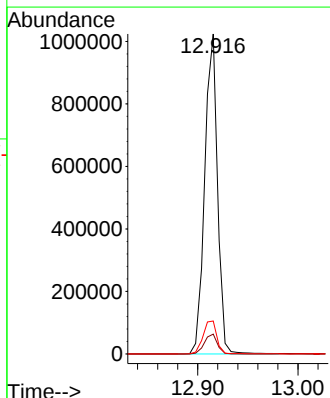
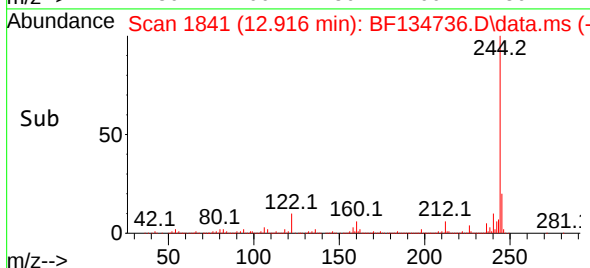
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

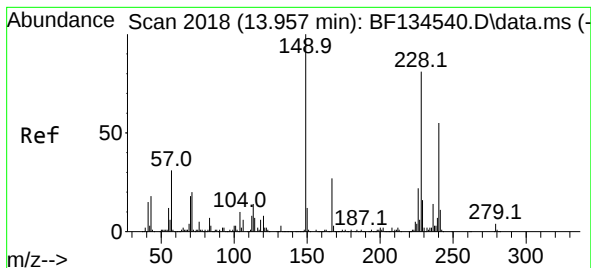


#79
Terphenyl-d14
Concen: 46.024 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134736.D
Acq: 11 Aug 2023 17:06



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

Instrument :

BNA_F

ClientSampleId :

B-PP03A

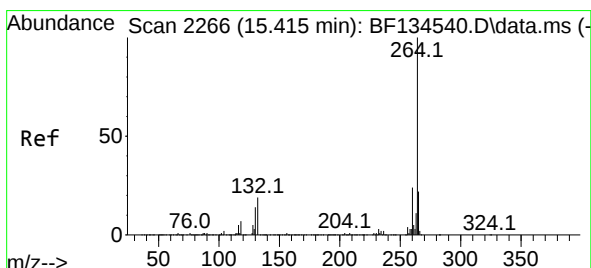
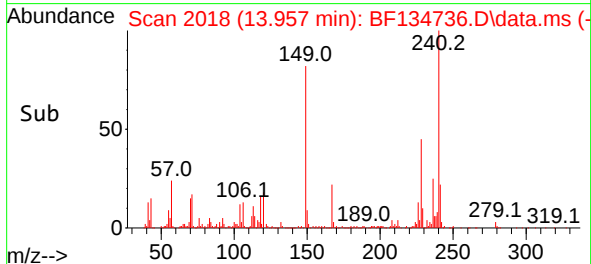
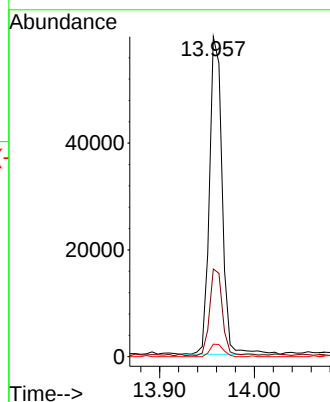
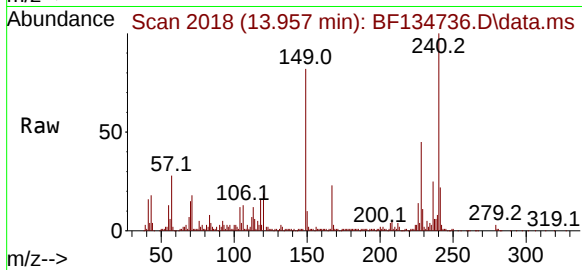
Tgt Ion:	149	Resp:	55398
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.6	32.4
279	3.9	3.5	5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#86

Perylene-d12

Concen: 20.000 ng

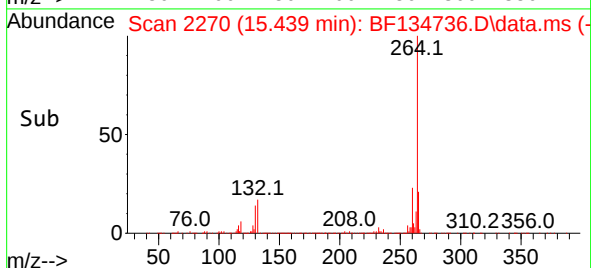
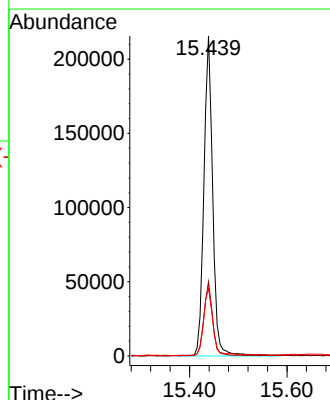
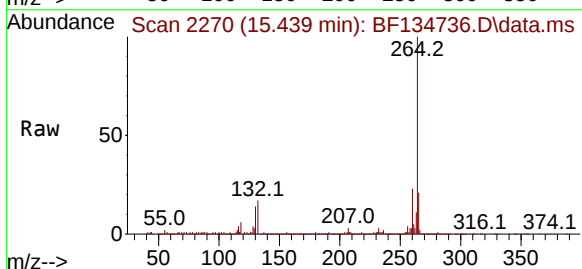
RT: 15.439 min Scan# 2270

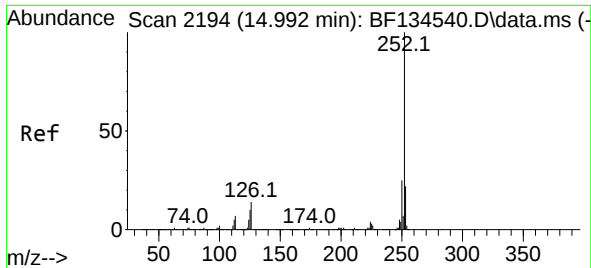
Delta R.T. 0.000 min

Lab File: BF134736.D

Acq: 11 Aug 2023 17:06

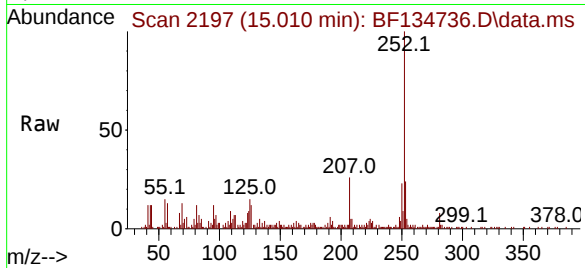
Tgt Ion:	264	Resp:	271602
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.4	27.6
265	21.1	15.8	23.8





#88
Benzo(b)fluoranthene
Concen: 2.199 ng m
RT: 15.010 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:252 Resp: 36429
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 14.9 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

