

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134836.D
 Acq On : 18 Aug 2023 12:06
 Operator : CG\JU
 Sample : 04046-04 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 12:41:36 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	6.792	152	141065	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	570080	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	292973	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	451398	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	324292	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	247493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	77135	8.312	ng	-0.02
7) Phenol-d6	6.416	99	98913	8.338	ng	-0.02
23) Nitrobenzene-d5	7.345	82	57483	6.301	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	23901	8.003	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	120000	6.810	ng	-0.02
79) Terphenyl-d14	12.904	244	92242	5.014	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	102892	4.291	ng	97
75) Fluoranthene	12.527	202	246838	9.746	ng	95
78) Pyrene	12.757	202	251264	8.954	ng	98
81) Benzo(a)anthracene	13.951	228	122293	5.274	ng	96
83) Chrysene	13.986	228	100502	4.449	ng	96
88) Benzo(b)fluoranthene	15.004	252	107969m	7.153	ng	
90) Benzo(a)pyrene	15.368	252	71647	5.091	ng	# 94

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

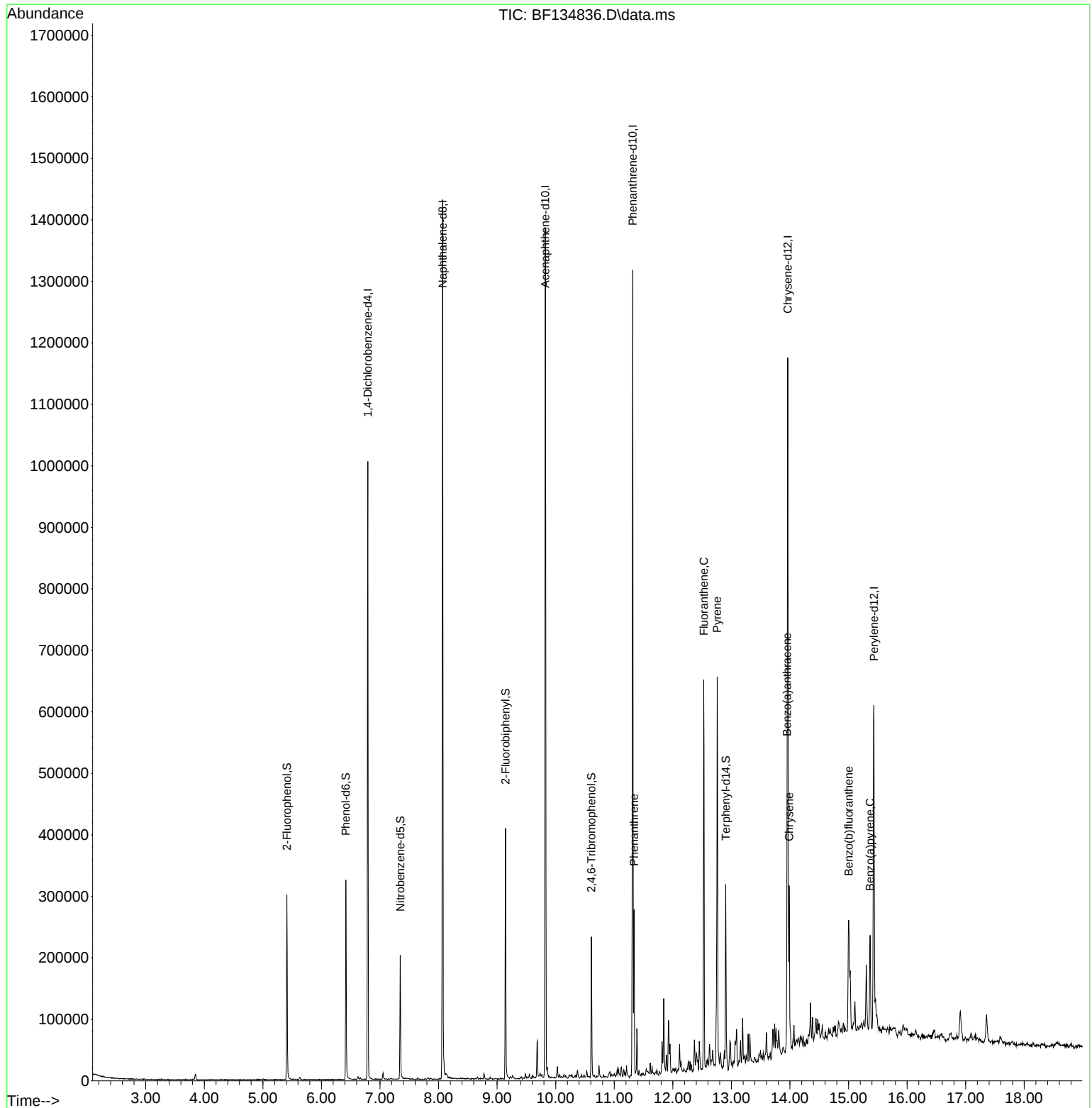
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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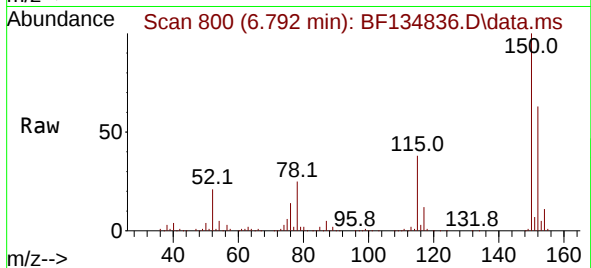
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

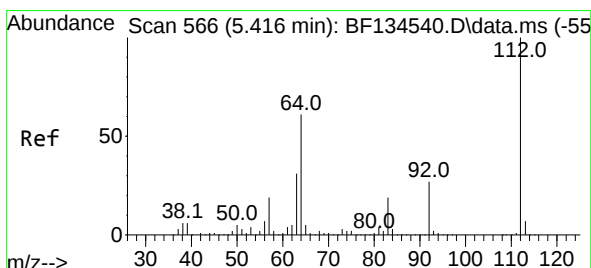
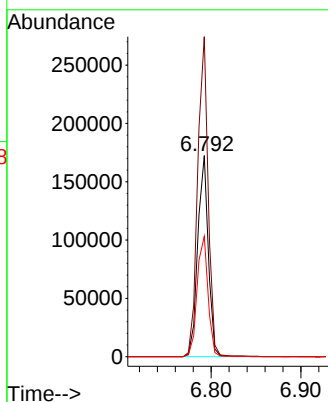
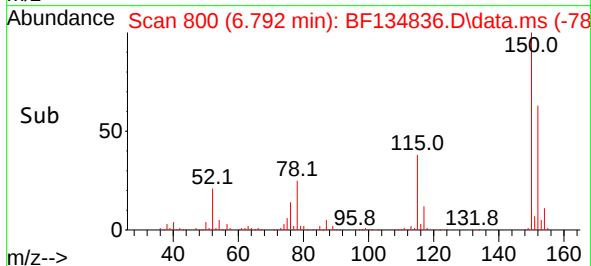
Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:152 Resp: 14106
Ion Ratio Lower Upper
152 100
150 159.1 128.3 192.5
115 59.8 52.4 78.6

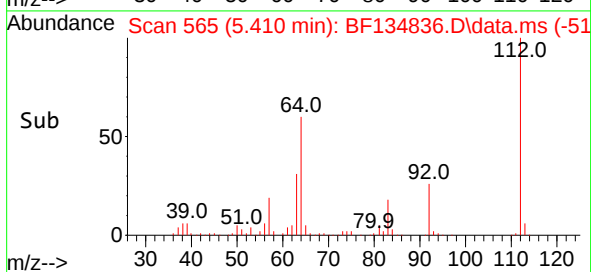
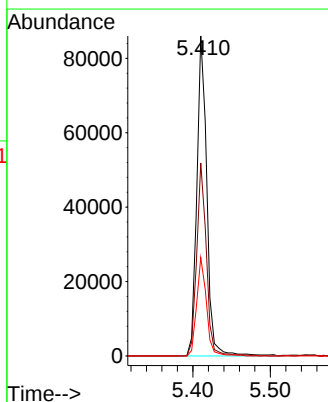
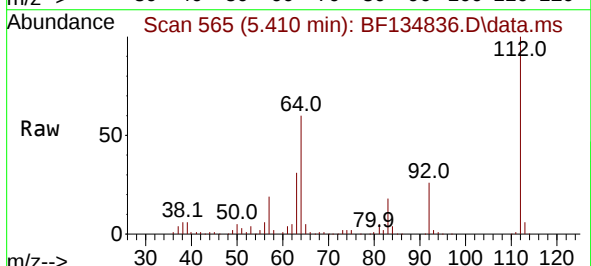
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Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#5
2-Fluorophenol
Concen: 8.312 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

Tgt Ion:112 Resp: 77135
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 30.7 25.4 38.0





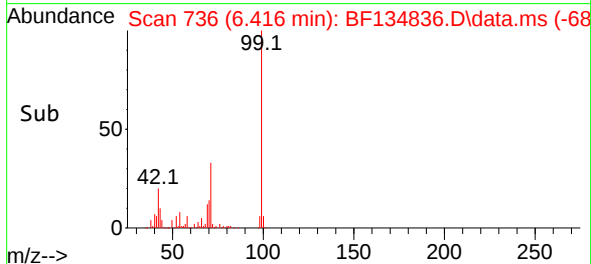
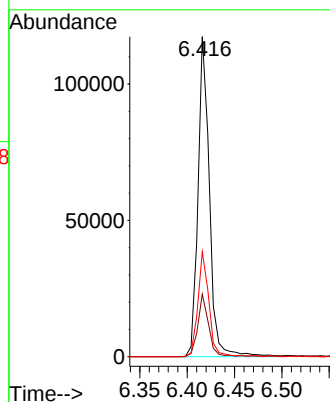
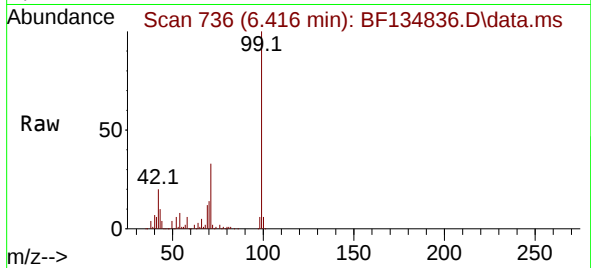
#7
Phenol-d6
Concen: 8.338 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)

Tgt Ion: 99 Resp: 9891
Ion Ratio Lower Upper
99 100
42 19.6 18.7 28.1
71 32.8 36.4 54.6

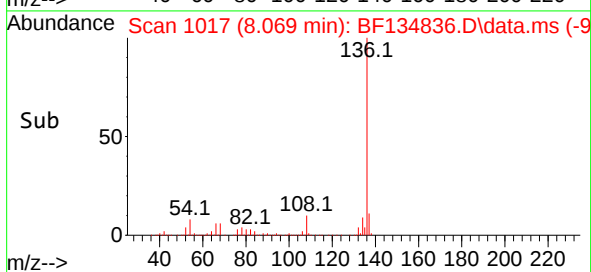
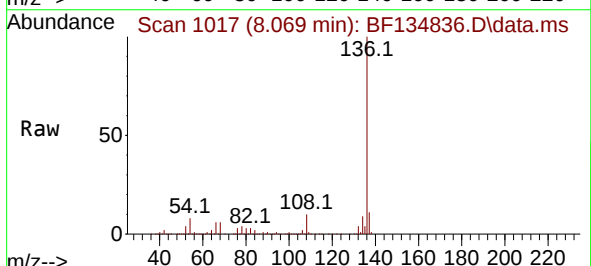
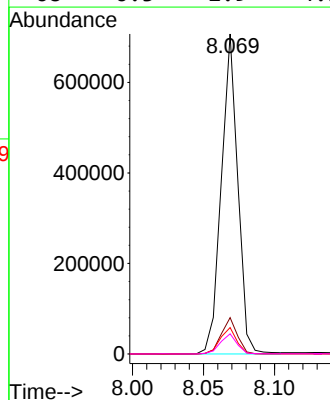
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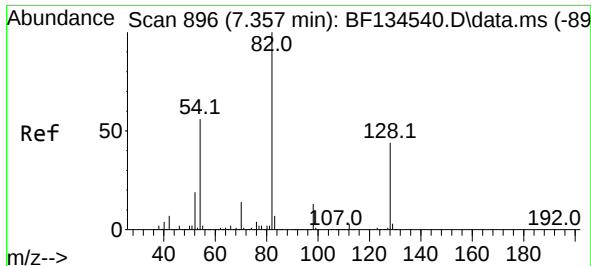
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

Tgt Ion:136 Resp: 570080
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.2 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 6.301 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.024 min

Lab File: BF134836.D

Acq: 18 Aug 2023 12:06

Instrument :

BNA_F

ClientSampleId :

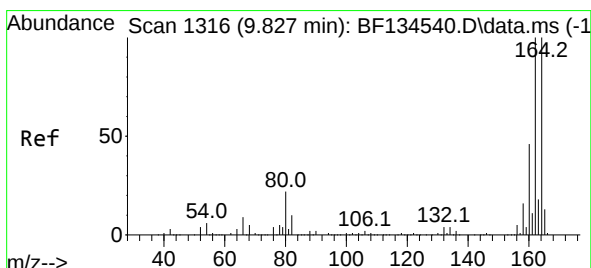
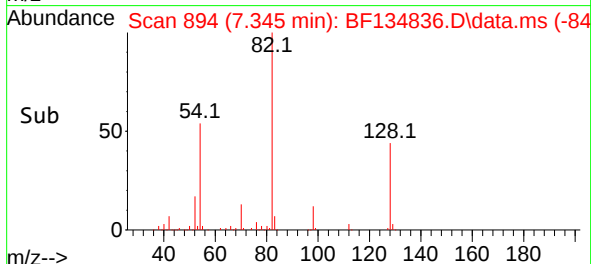
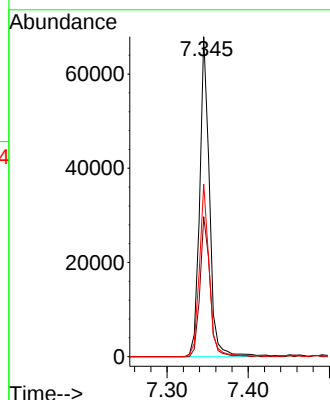
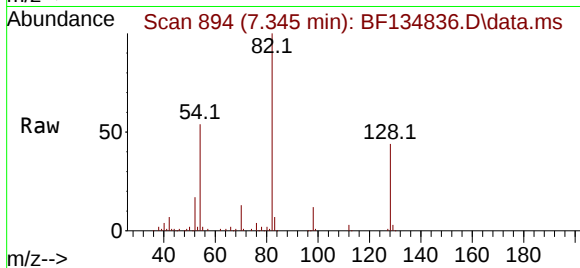
SB-07(0-5)

Tgt Ion: 82 Resp: 5748

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.3	51.5
54	53.9	43.8	65.6

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Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

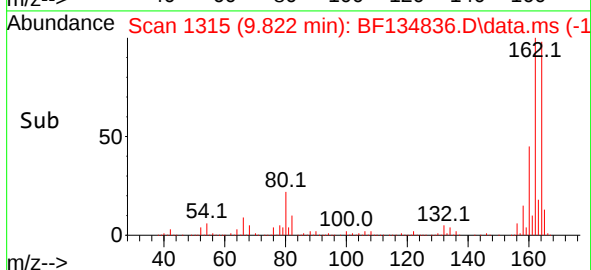
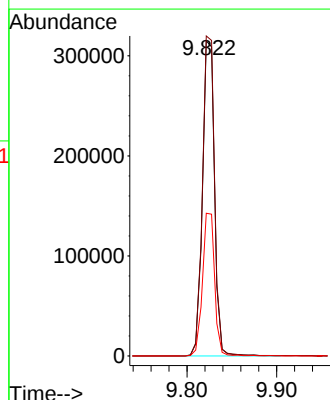
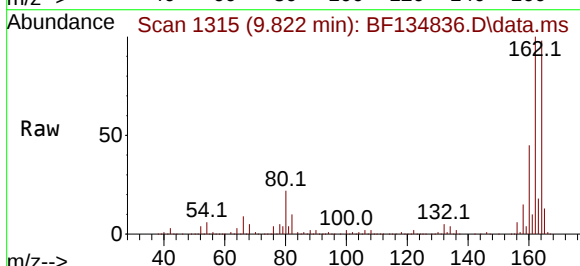
Delta R.T. -0.012 min

Lab File: BF134836.D

Acq: 18 Aug 2023 12:06

Tgt Ion:164 Resp: 292973

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	45.3	37.2	55.8





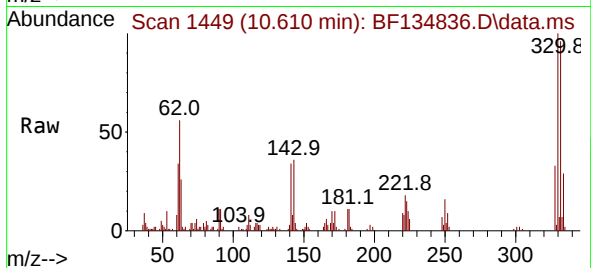
#42
 2,4,6-Tribromophenol
 Concen: 8.003 ng
 RT: 10.610 min Scan# 1450
 Delta R.T. -0.018 min
 Lab File: BF134836.D
 Acq: 18 Aug 2023 12:06

Instrument :

BNA_F

ClientSampleId :

SB-07(0-5)



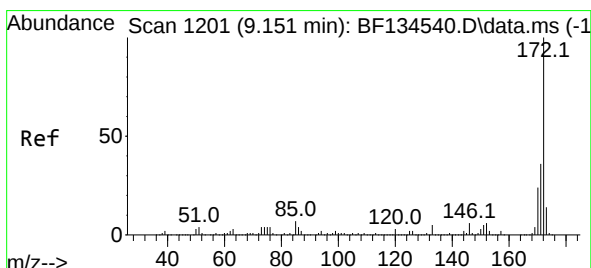
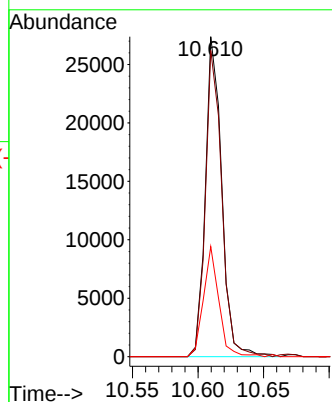
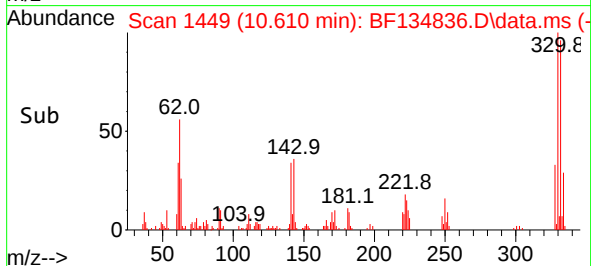
Tgt Ion:330 Resp: 2390
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.8 118.2
 141 32.5 25.4 38.2

Manual Integrations

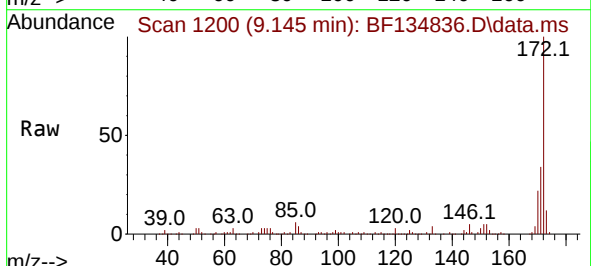
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Reviewed By :Yogesh Patel 08/21/2023

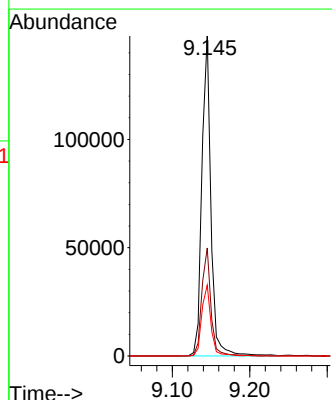
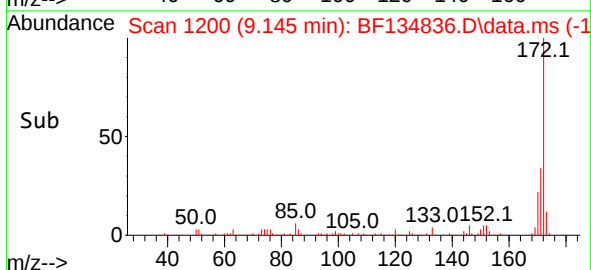
Supervised By :mohammad ahmed 08/21/2023



#45
 2-Fluorobiphenyl
 Concen: 6.810 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF134836.D
 Acq: 18 Aug 2023 12:06



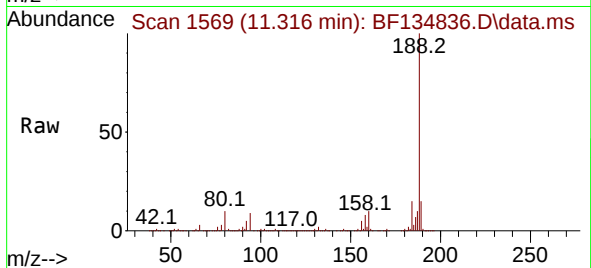
Tgt Ion:172 Resp: 120000
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.8 43.2
 170 22.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

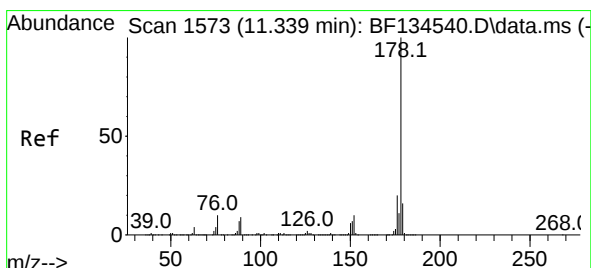
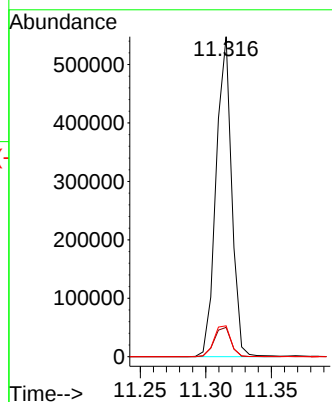
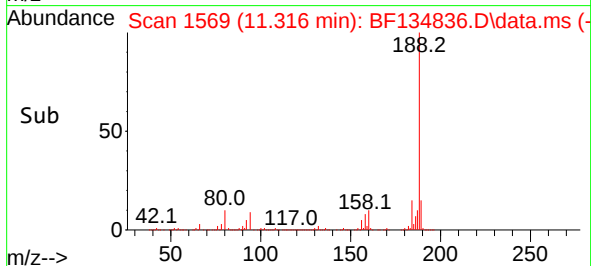
Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:188 Resp: 451398
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7
80 9.6 6.6 9.8

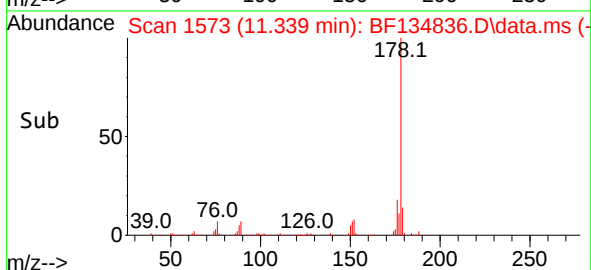
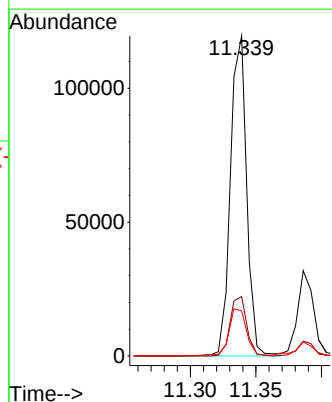
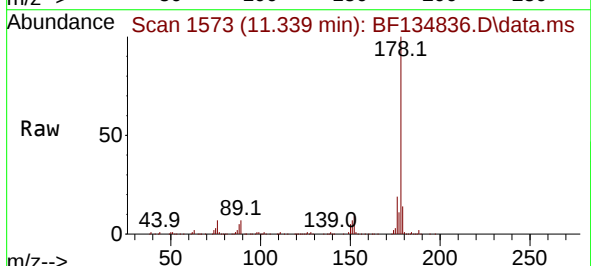
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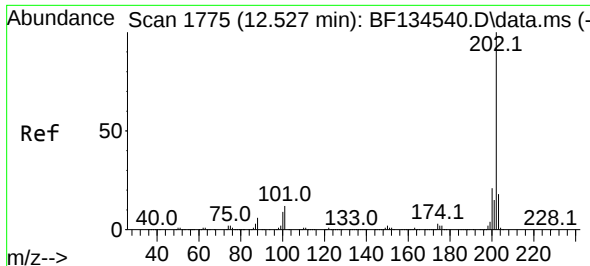
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#71
Phenanthrene
Concen: 4.291 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

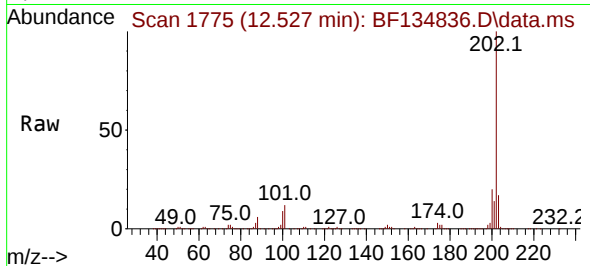
Tgt Ion:178 Resp: 102892
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 14.1 12.7 19.1





#75
Fluoranthene
Concen: 9.746 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

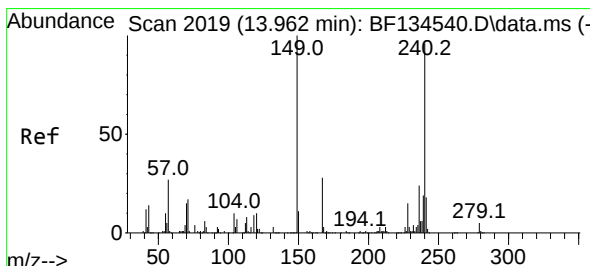
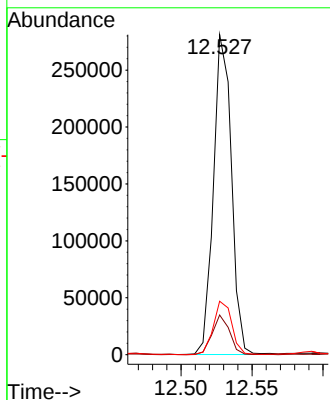
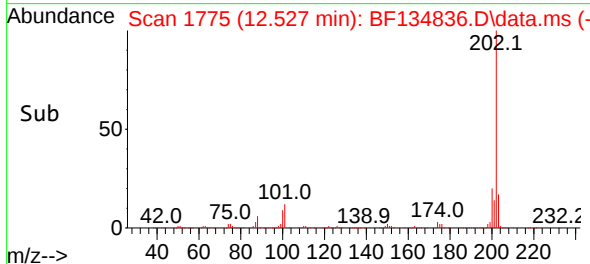
Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:202 Resp: 246838
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.5
203 16.7 0.0 37.5

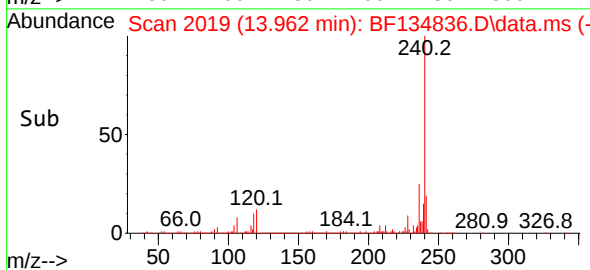
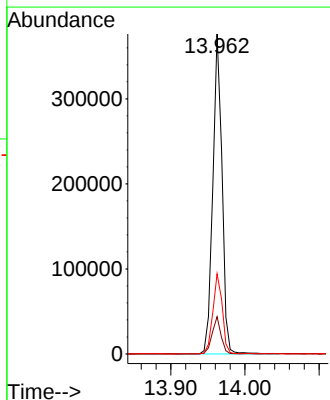
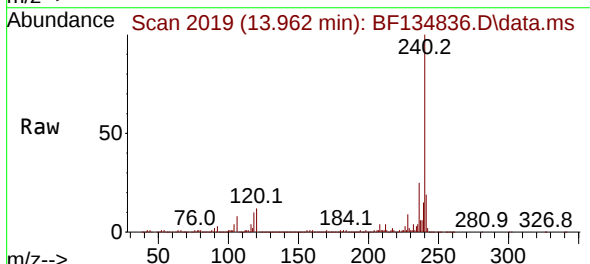
Manual Integrations
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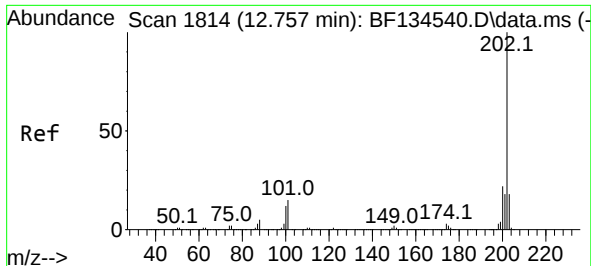
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

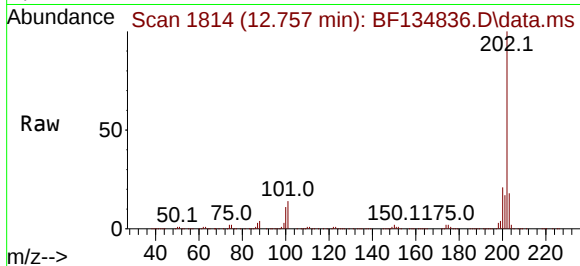
Tgt Ion:240 Resp: 324292
Ion Ratio Lower Upper
240 100
120 11.7 6.6 10.0#
236 25.0 20.2 30.2





#78
Pyrene
Concen: 8.954 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

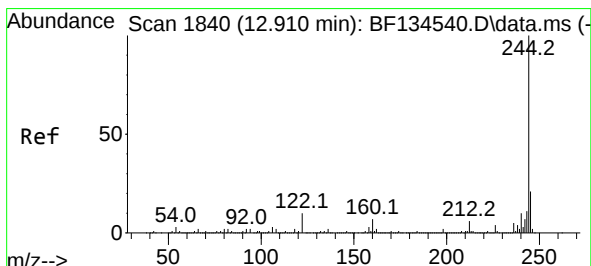
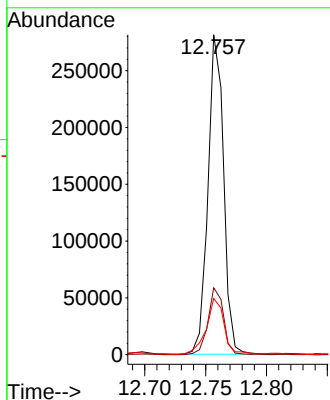
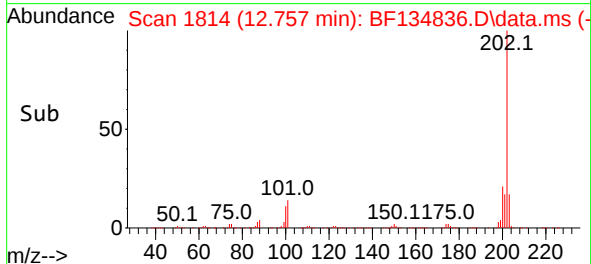
Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:202 Resp: 251264
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 17.6 13.5 20.3

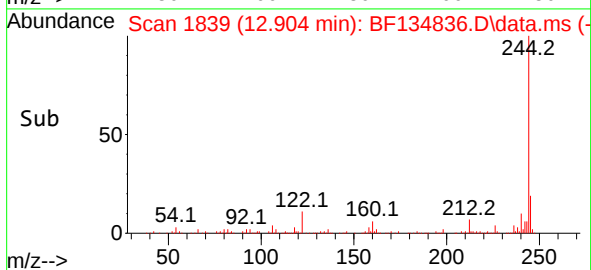
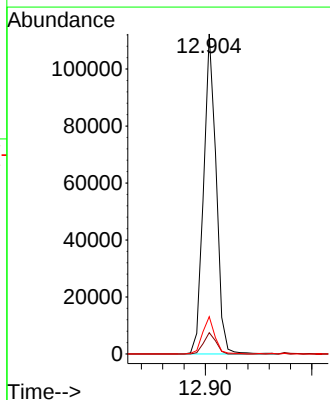
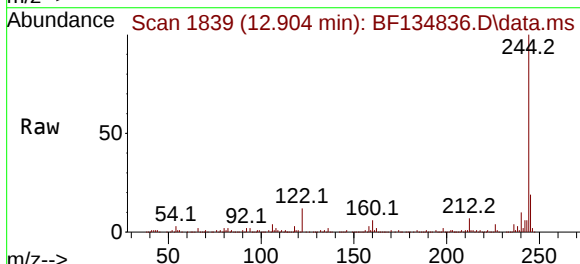
Manual Integrations
APPROVED

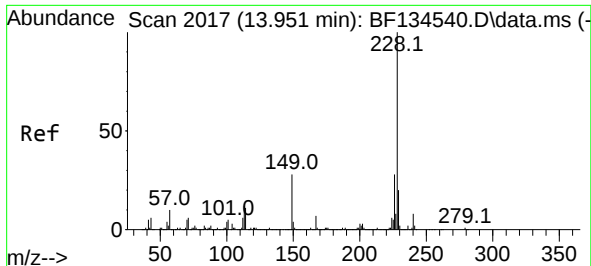
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#79
Terphenyl-d14
Concen: 5.014 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.018 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

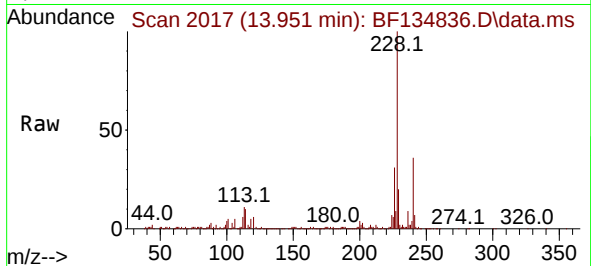
Tgt Ion:244 Resp: 92242
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.7 8.0 12.0





#81
Benzo(a)anthracene
Concen: 5.274 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

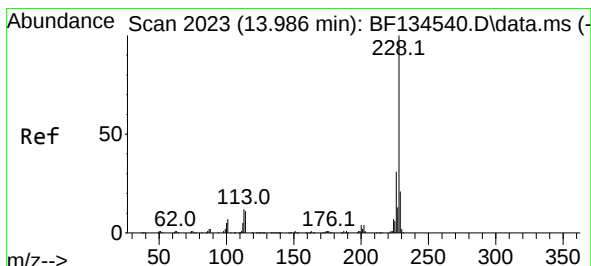
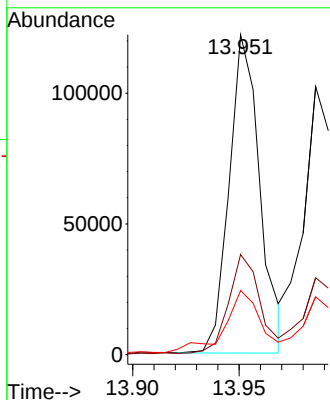
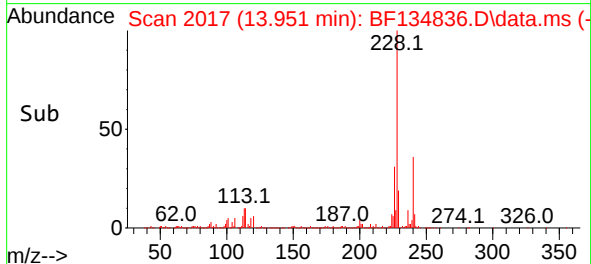
Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:228 Resp: 122291
Ion Ratio Lower Upper
228 100
226 31.3 22.3 33.5
229 20.0 15.8 23.6

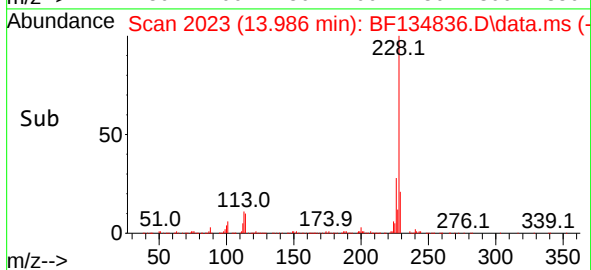
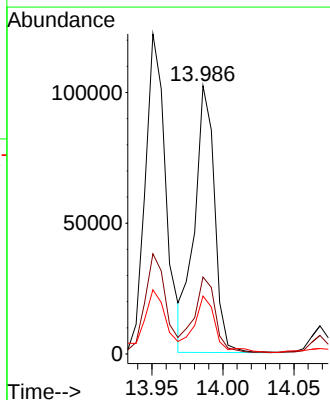
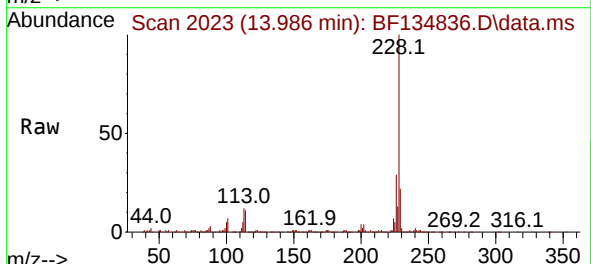
Manual Integrations
APPROVED

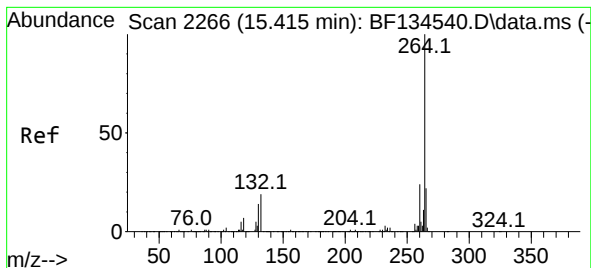
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#83
Chrysene
Concen: 4.449 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

Tgt Ion:228 Resp: 100502
Ion Ratio Lower Upper
228 100
226 28.7 24.5 36.7
229 21.6 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF134836.D

Acq: 18 Aug 2023 12:06

Instrument :

BNA_F

ClientSampleId :

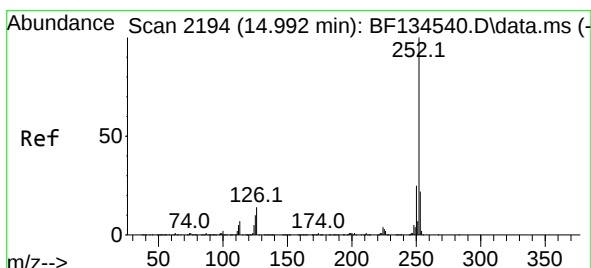
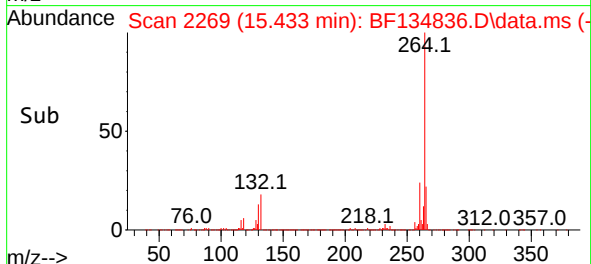
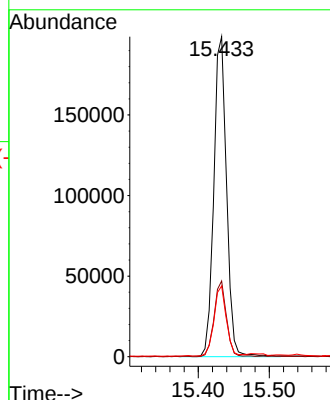
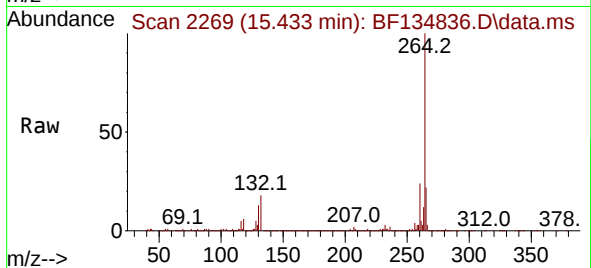
SB-07(0-5)

Tgt Ion:264	Resp:	24749
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.4 27.6
265	22.1	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#88

Benzo(b)fluoranthene

Concen: 7.153 ng m

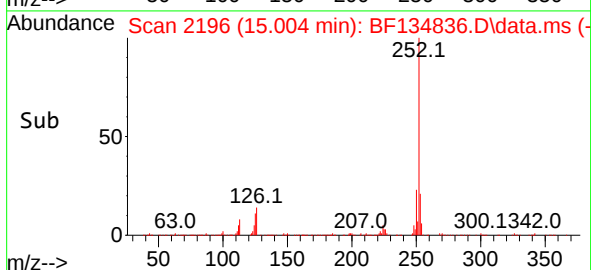
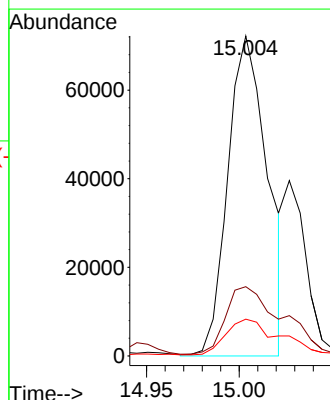
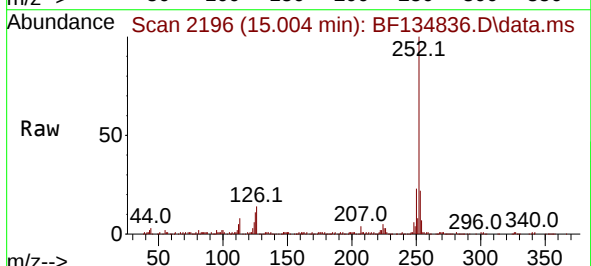
RT: 15.004 min Scan# 2196

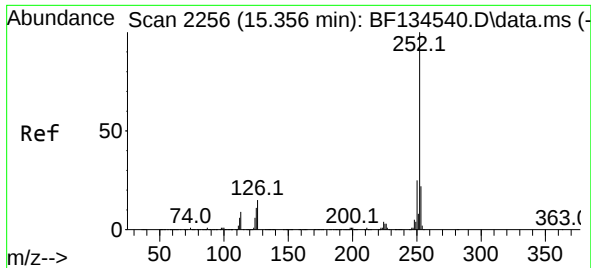
Delta R.T. -0.006 min

Lab File: BF134836.D

Acq: 18 Aug 2023 12:06

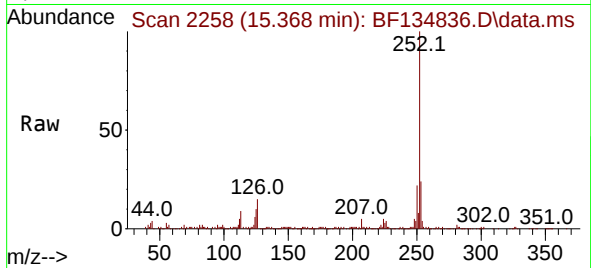
Tgt Ion:252	Resp:	107969
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.3 25.9
125	11.5	6.0 9.0





#90
Benzo(a)pyrene
Concen: 5.091 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134836.D
Acq: 18 Aug 2023 12:06

Instrument :
BNA_F
ClientSampleId :
SB-07(0-5)



Tgt Ion:252 Resp: 7164
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.4
125 10.2 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

