

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134570.D
 Acq On : 02 Aug 2023 09:50
 Operator : CG\JU
 Sample : 03826-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-072823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 02 10:40:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	176084	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	618908	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	243984	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	430478	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	263856	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	233009	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	852689	73.611	ng	0.00
7) Phenol-d6	6.422	99	1026695	69.336	ng	0.00
23) Nitrobenzene-d5	7.351	82	581490	58.715	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	172406	69.318	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	889145	60.593	ng	0.00
79) Terphenyl-d14	12.916	244	912835	60.988	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.545	163	64344	3.869	ng	# 92
71) Phenanthrene	11.339	178	93180	4.075	ng	98
75) Fluoranthene	12.533	202	138787m	5.746	ng	
78) Pyrene	12.763	202	234819	10.285	ng	# 94
80) Butylbenzylphthalate	13.392	149	28792	3.729	ng	# 73
81) Benzo(a)anthracene	13.951	228	80574	4.271	ng	# 86
83) Chrysene	13.986	228	94798	5.157	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.957	149	177133	19.496	ng	96
87) Indeno(1,2,3-cd)pyrene	16.898	276	33312	2.431	ng	# 92
88) Benzo(b)fluoranthene	14.998	252	81935m	5.766	ng	
90) Benzo(a)pyrene	15.357	252	56421	4.258	ng	# 75
92) Benzo(g,h,i)perylene	17.339	276	34237	3.031	ng	# 77

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

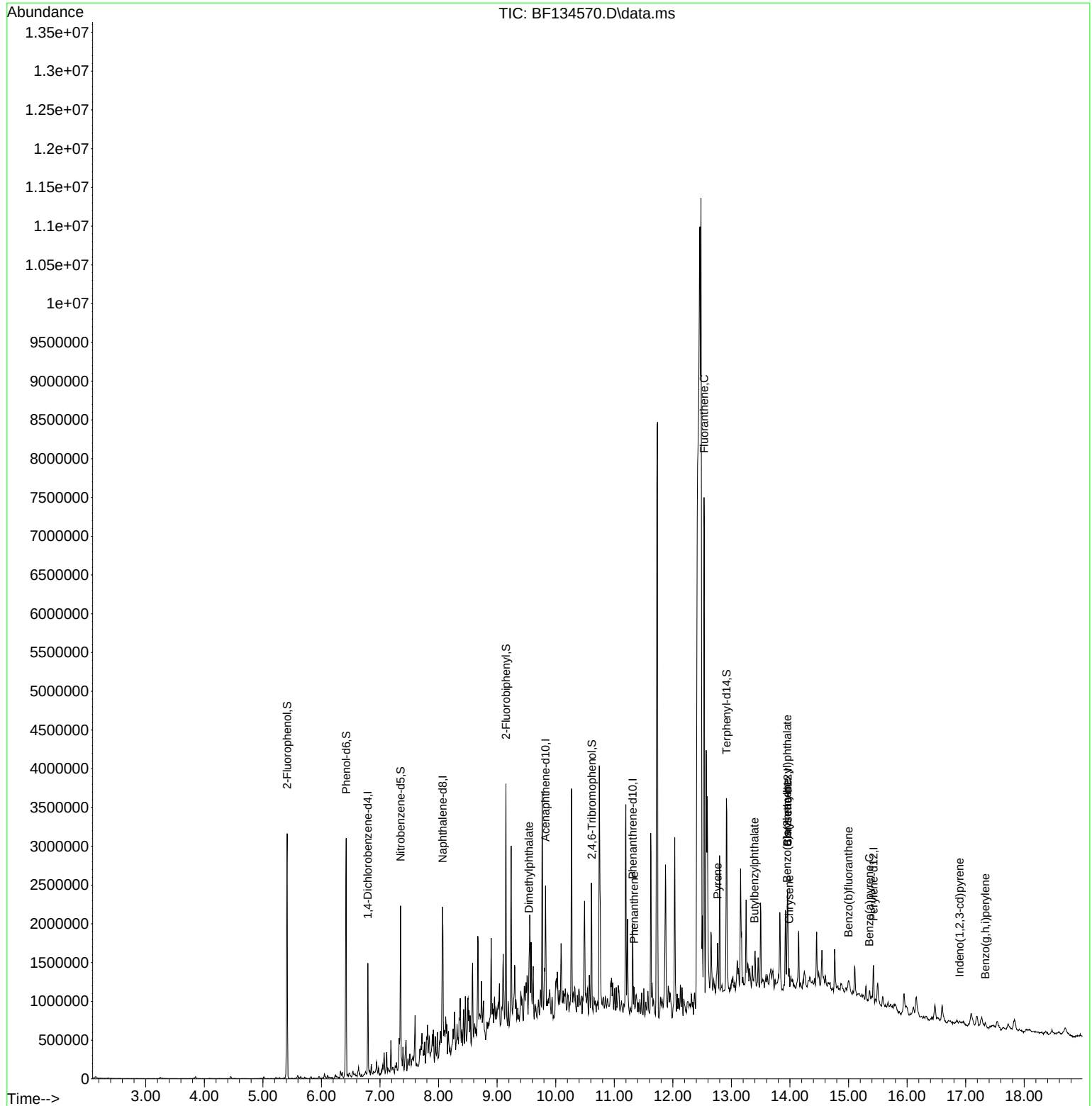
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134570.D
Acq On : 02 Aug 2023 09:50
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ALS Vial : 4 Sample Multiplier: 1

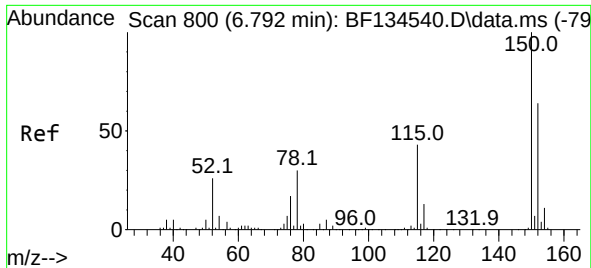
Instrument :
BNA_F
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HR-01-072823

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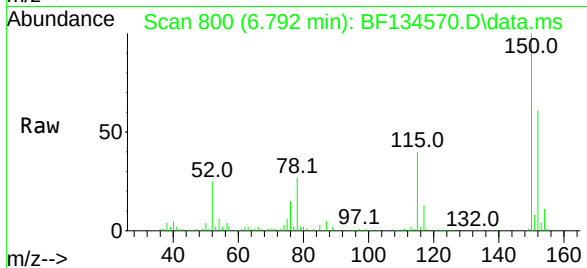
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134570.D
 Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

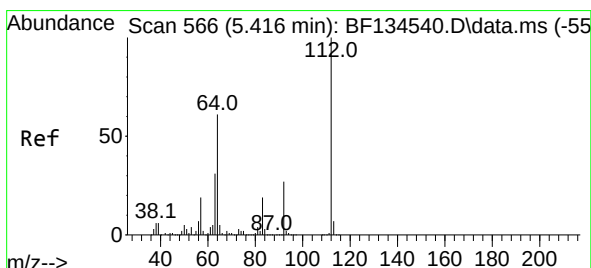
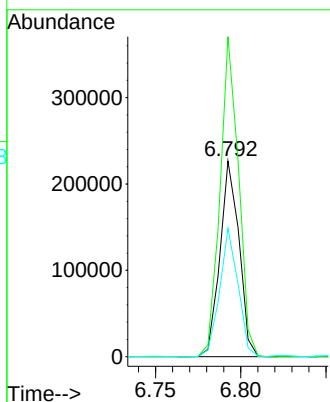
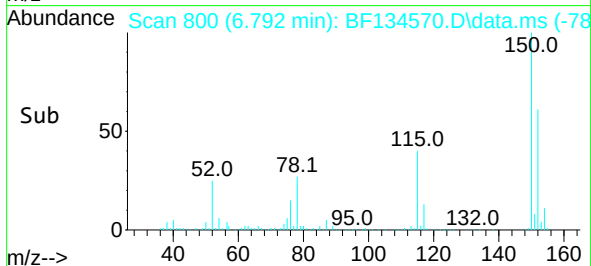


Tgt Ion:152 Resp: 176084
 Ion Ratio Lower Upper
 152 100
 150 163.5 128.3 192.5
 115 65.5 52.4 78.6

Manual Integrations

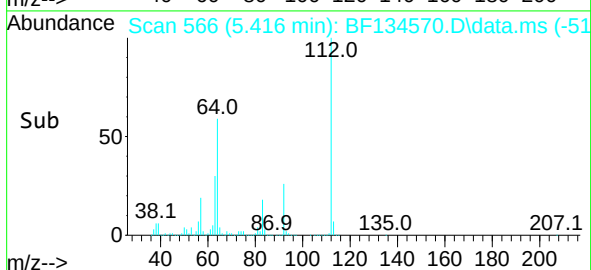
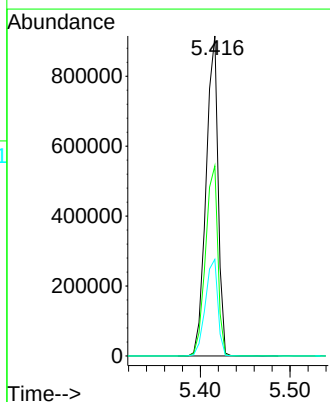
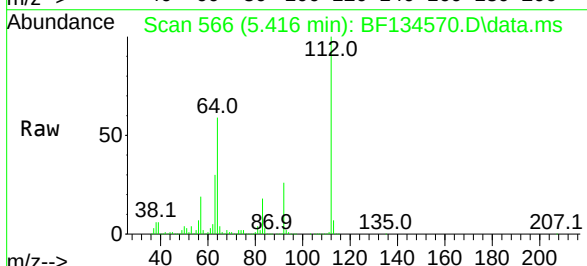
APPROVED

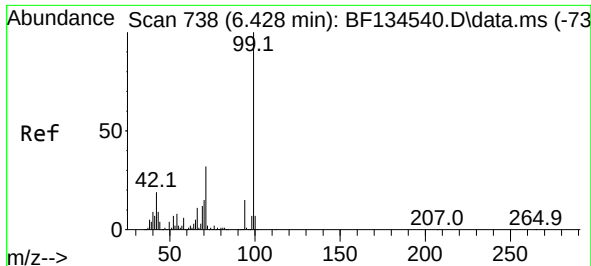
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023



#5
 2-Fluorophenol
 Concen: 73.611 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134570.D
 Acq: 02 Aug 2023 09:50

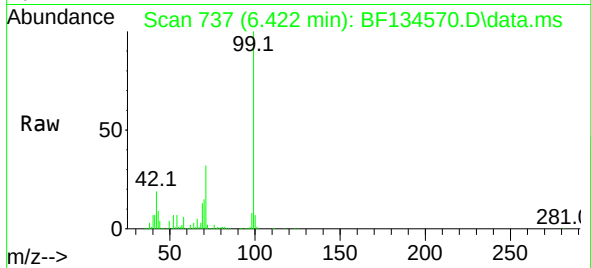
Tgt Ion:112 Resp: 852689
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.9 67.3
 63 30.2 25.4 38.0





#7
Phenol-d6
Concen: 69.336 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

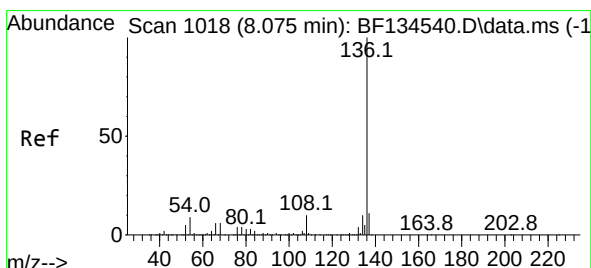
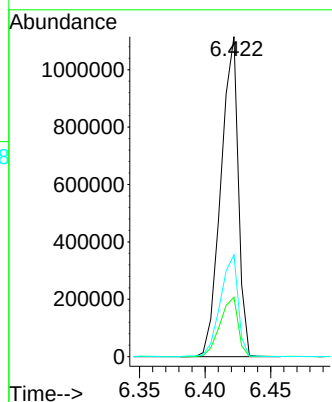
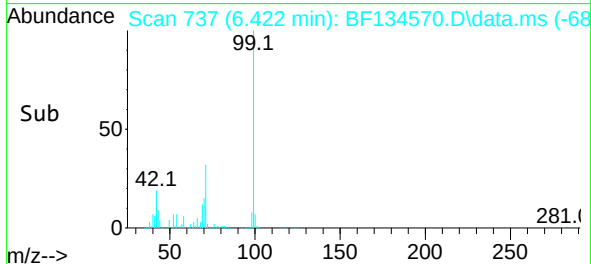
Instrument :
BNA_F
ClientSampleId :
HR-01-072823



Tgt Ion: 99 Resp: 102669
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1
71 31.8 36.4 54.6

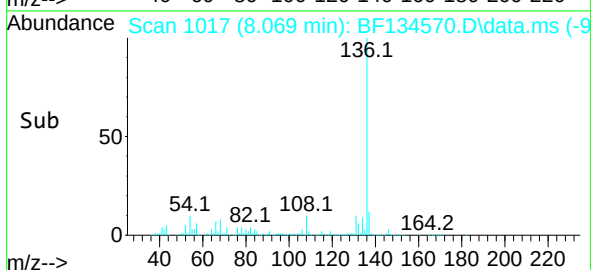
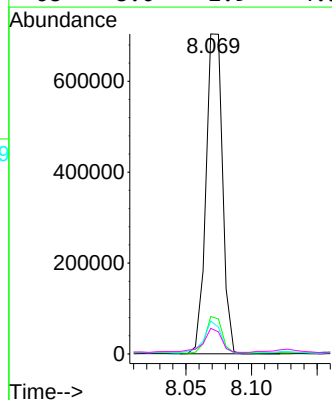
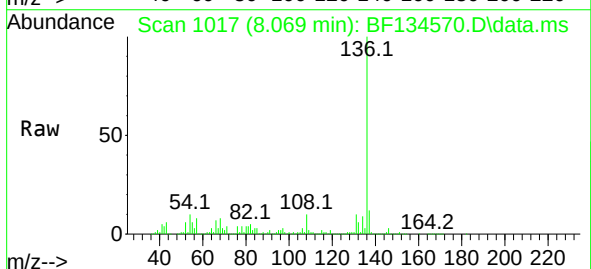
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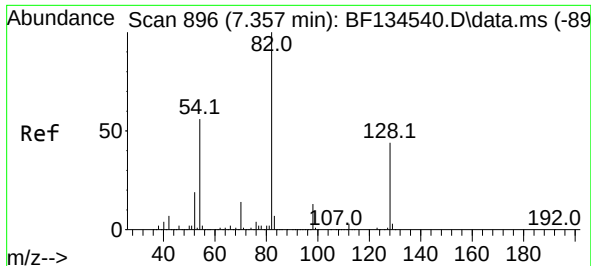
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

Tgt Ion:136 Resp: 618908
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 10.2 5.2 7.8#
68 8.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 58.715 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134570.D

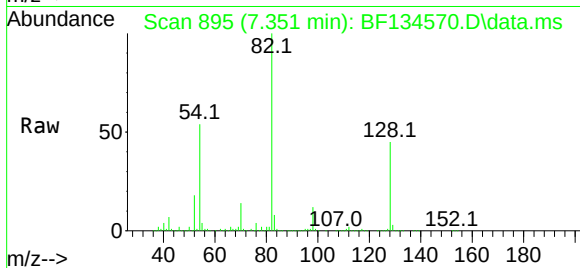
Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823



Tgt Ion: 82 Resp: 581490

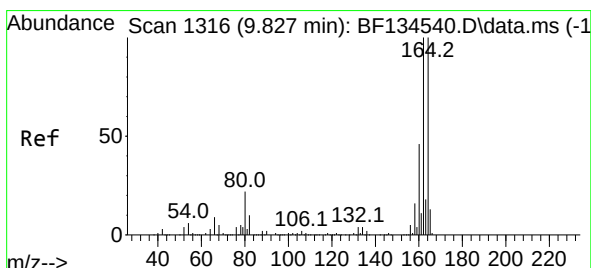
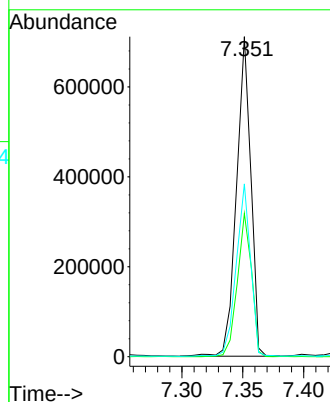
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.3	51.5
54	54.0	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

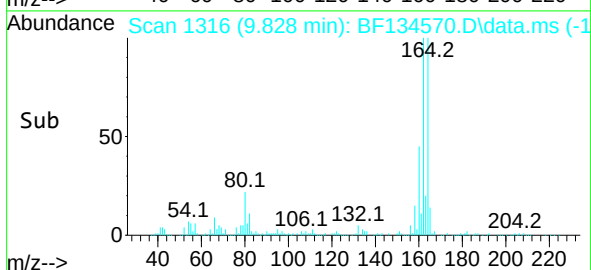
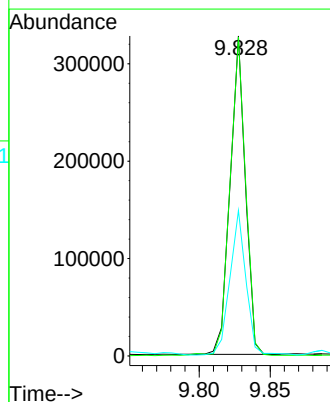
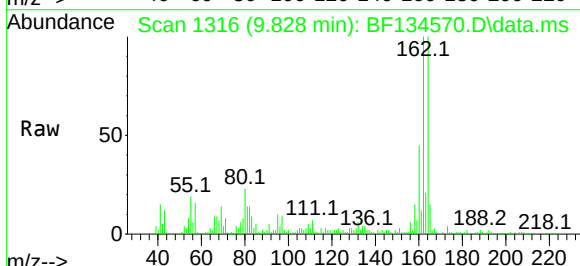
Delta R.T. 0.000 min

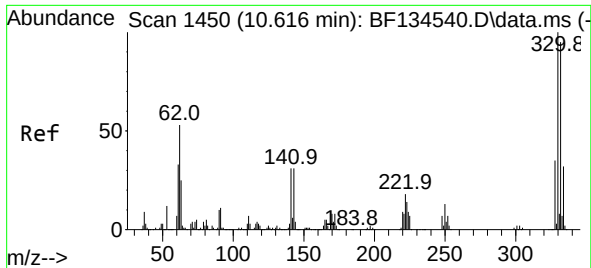
Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Tgt Ion:164 Resp: 243984

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	45.5	37.2	55.8





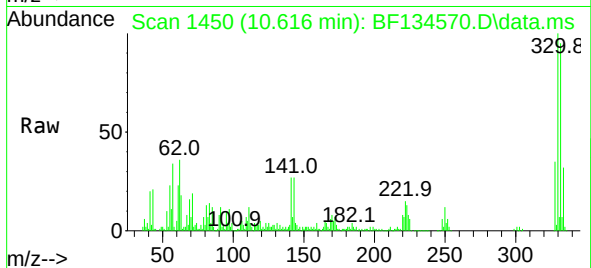
#42
2,4,6-Tribromophenol
Concen: 69.318 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823



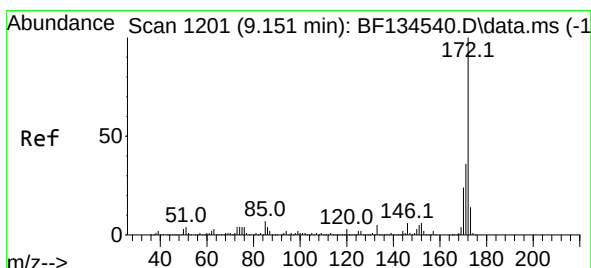
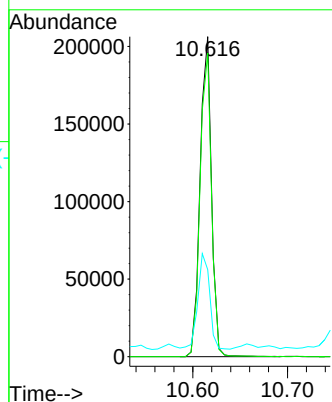
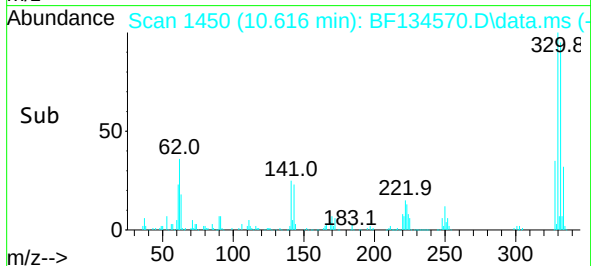
Tgt Ion: 330 Resp: 172400
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 31.0 25.4 38.2

Manual Integrations

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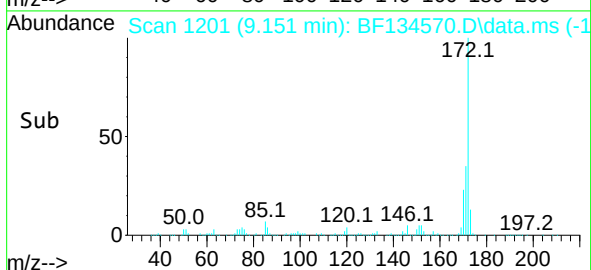
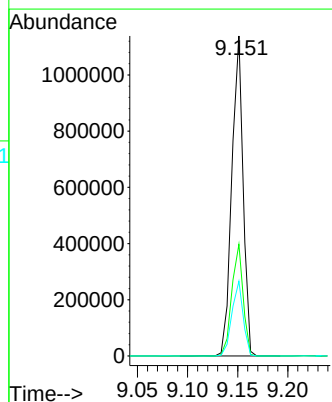
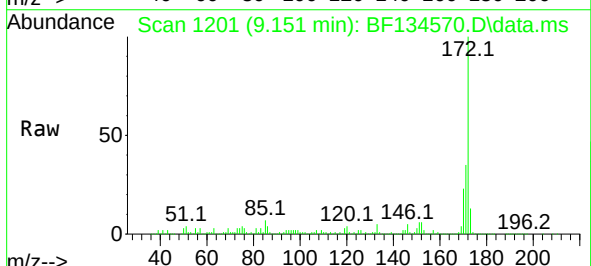
Reviewed By : Yogesh Patel 08/03/2023

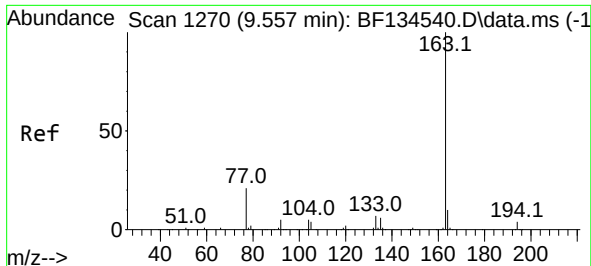
Supervised By : mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 60.593 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

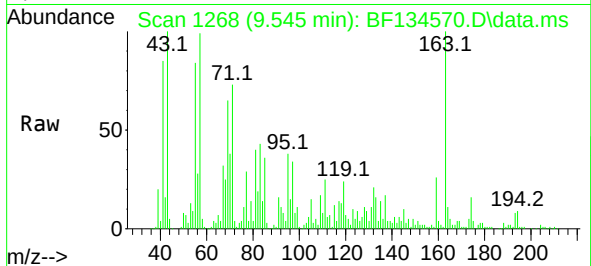
Tgt Ion: 172 Resp: 889145
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.4 18.7 28.1





#50
Dimethylphthalate
Concen: 3.869 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

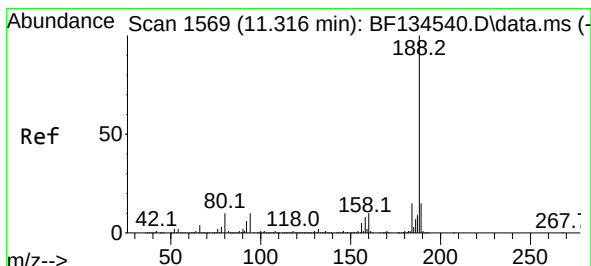
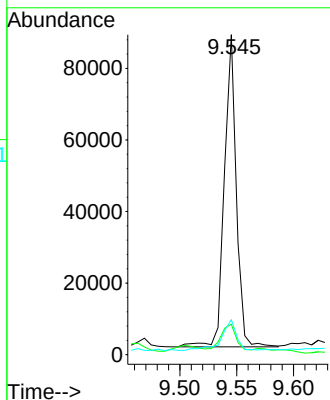
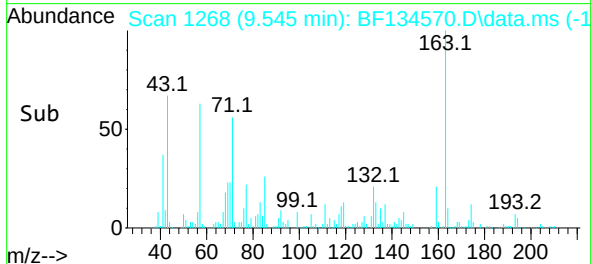
Instrument :
BNA_F
ClientSampleId :
HR-01-072823



Tgt Ion:163 Resp: 64344
Ion Ratio Lower Upper
163 100
194 9.5 3.3 4.9
164 10.9 7.5 11.3

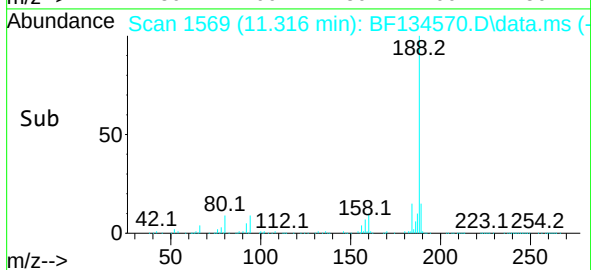
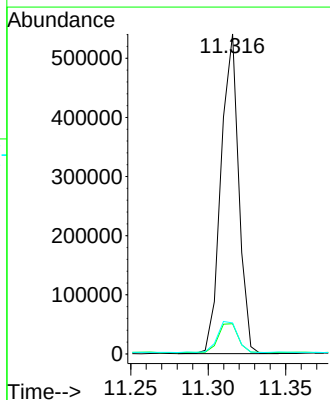
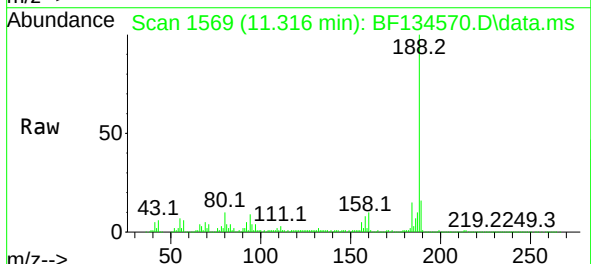
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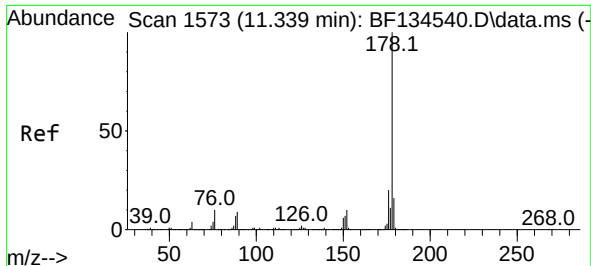
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

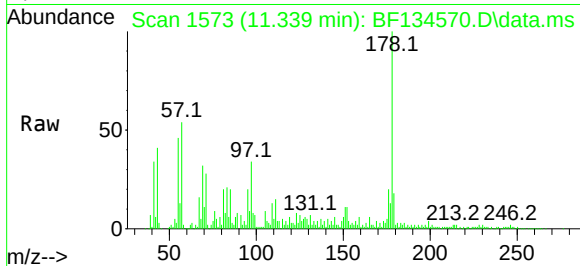
Tgt Ion:188 Resp: 430478
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.7 6.6 9.8





#71
Phenanthrene
Concen: 4.075 ng
RT: 11.339 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

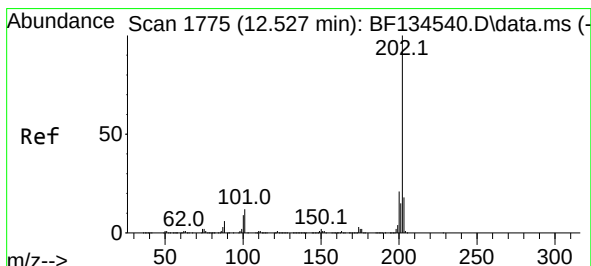
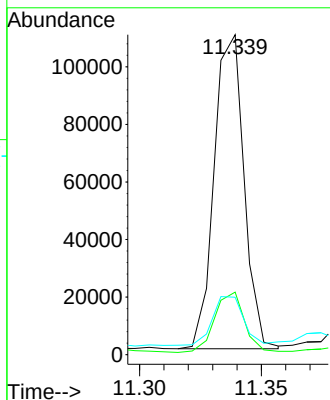
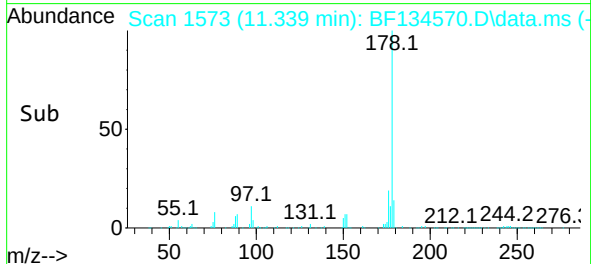
Instrument :
BNA_F
ClientSampleId :
HR-01-072823



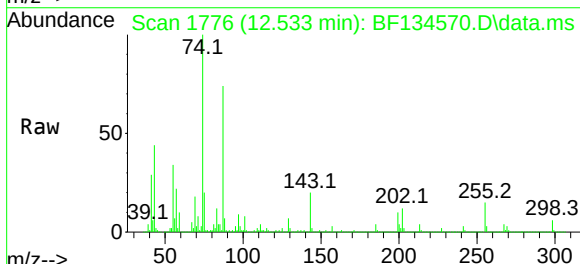
Tgt Ion:178 Resp: 93180
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 18.0 12.7 19.1

Manual Integrations
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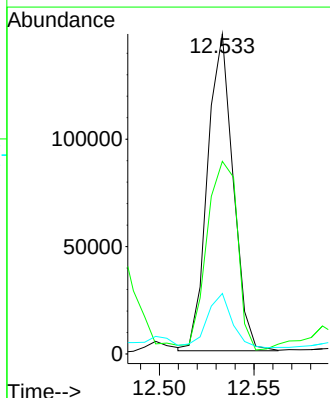
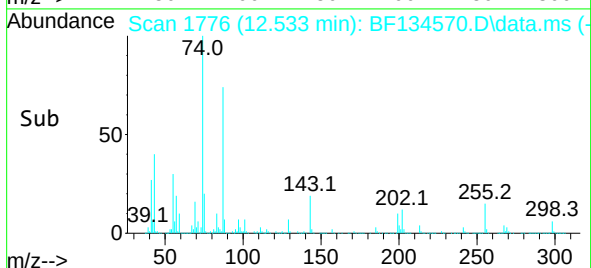
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

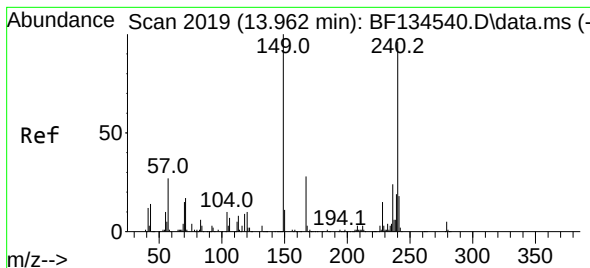


#75
Fluoranthene
Concen: 5.746 ng m
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50



Tgt Ion:202 Resp: 138787
Ion Ratio Lower Upper
202 100
101 60.2 0.0 28.5#
203 18.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

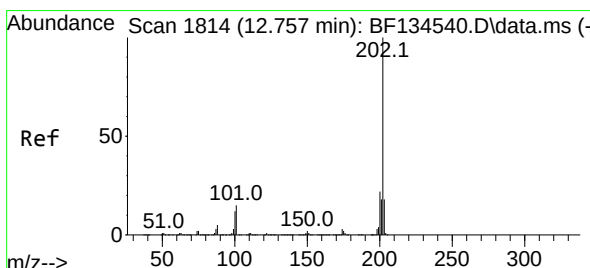
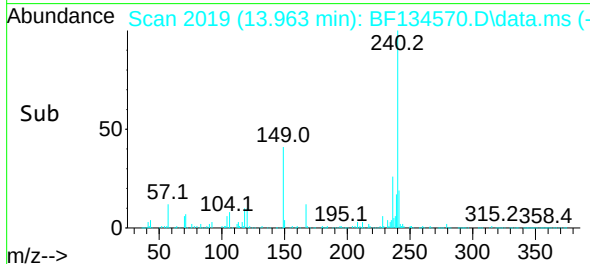
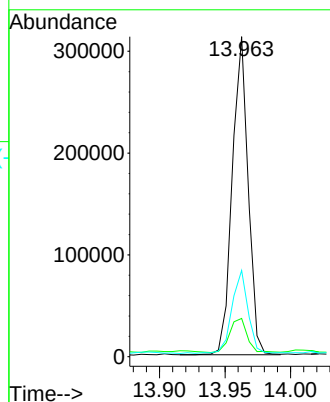
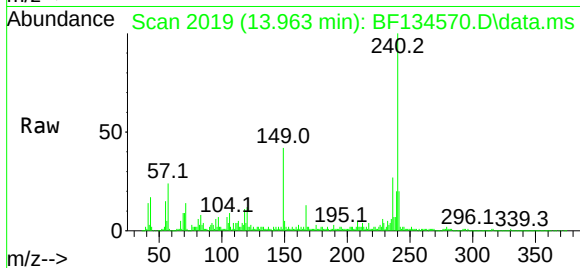
Tgt Ion:240 Resp: 263850
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.6 10.0
 236 26.9 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#78

Pyrene

Concen: 10.285 ng

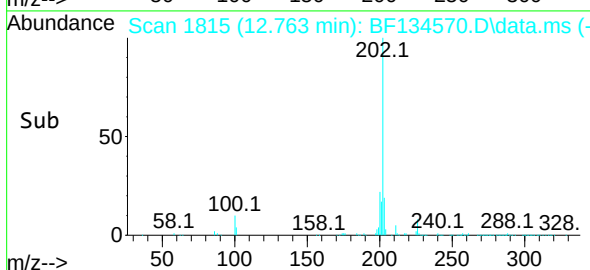
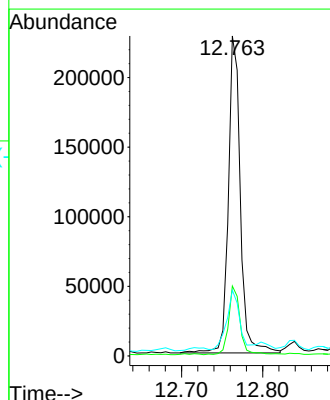
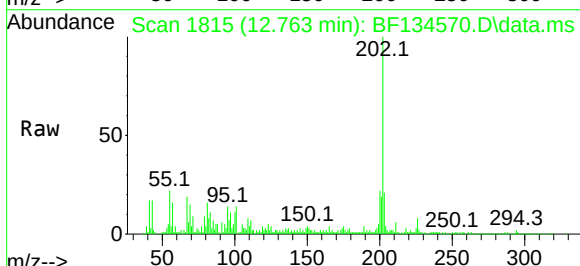
RT: 12.763 min Scan# 1815

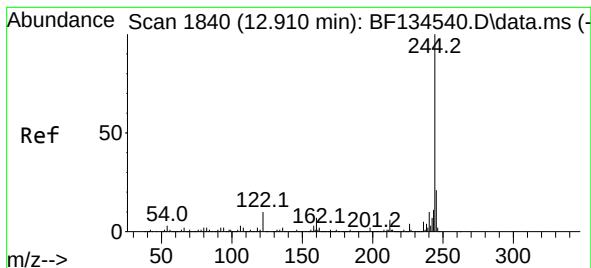
Delta R.T. 0.006 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Tgt Ion:202 Resp: 234819
 Ion Ratio Lower Upper
 202 100
 200 21.8 15.8 23.8
 203 20.5 13.5 20.3





#79

Terphenyl-d14

Concen: 60.988 ng

RT: 12.916 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

Tgt Ion:244 Resp: 91283

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

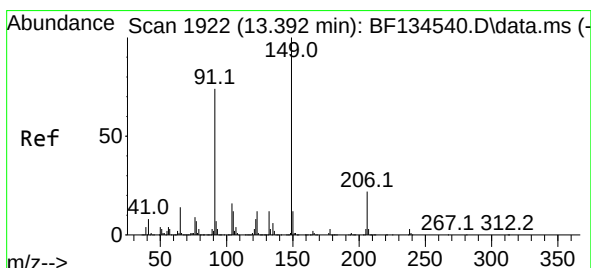
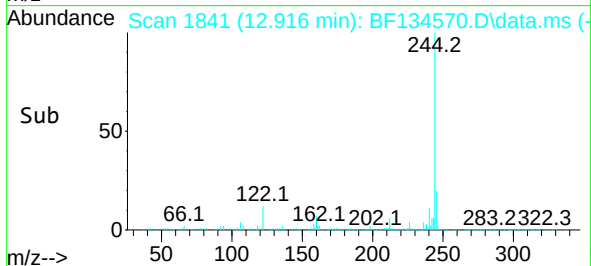
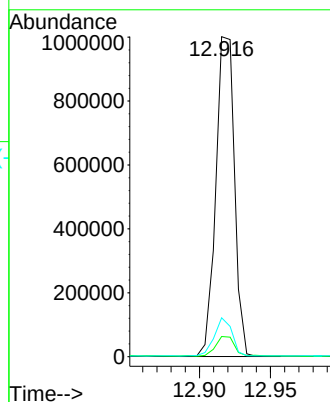
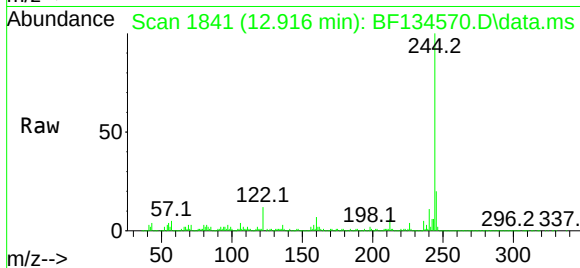
122 12.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#80

Butylbenzylphthalate

Concen: 3.729 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

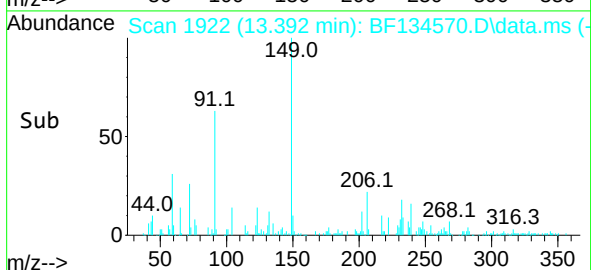
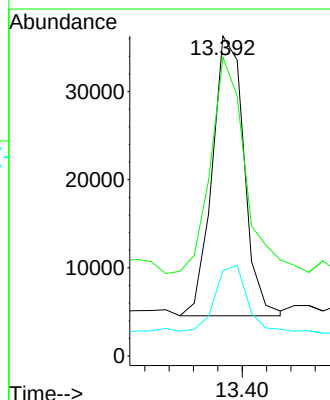
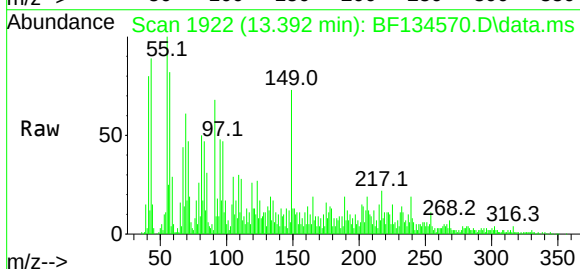
Tgt Ion:149 Resp: 28792

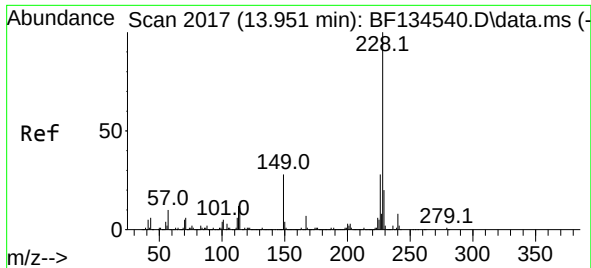
Ion Ratio Lower Upper

149 100

91 93.3 55.8 83.6#

206 26.7 14.6 21.8#





#81
Benzo(a)anthracene
Concen: 4.271 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

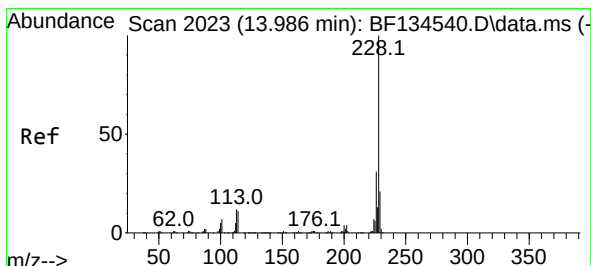
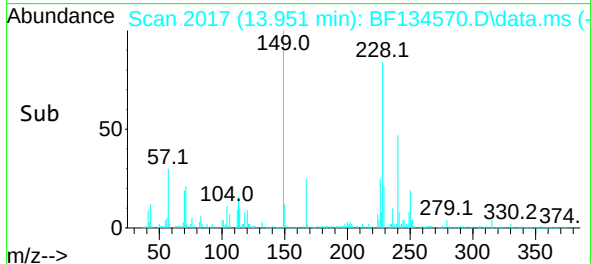
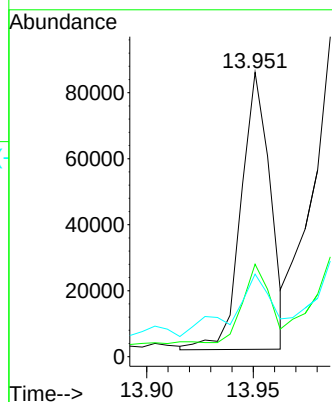
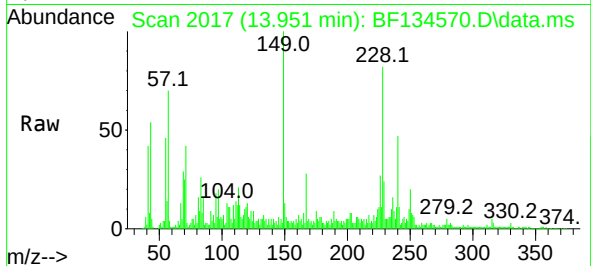
HR-01-072823

Tgt Ion:228 Resp: 80574
Ion Ratio Lower Upper
228 100
226 32.5 22.3 33.5
229 29.1 15.8 23.6

Manual Integrations

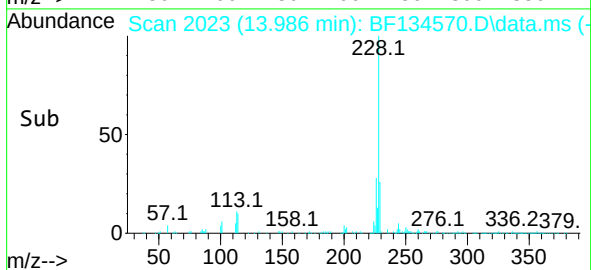
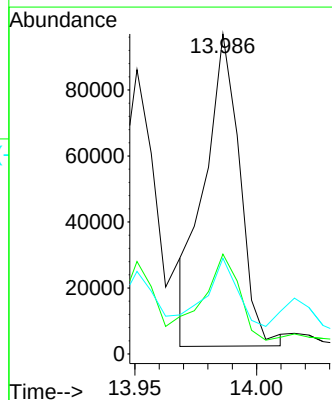
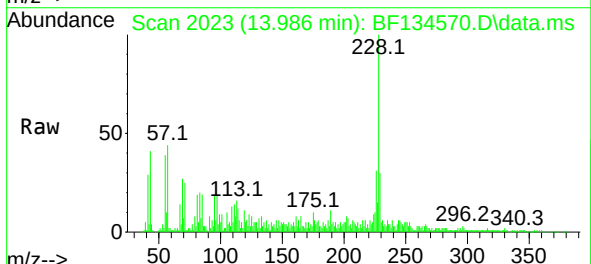
APPROVED

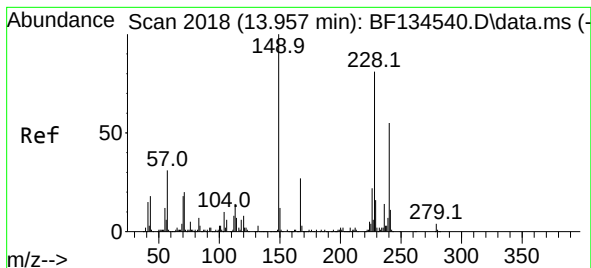
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#83
Chrysene
Concen: 5.157 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF134570.D
Acq: 02 Aug 2023 09:50

Tgt Ion:228 Resp: 94798
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 29.9 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.496 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

Tgt Ion:149 Resp: 17713

Ion Ratio Lower Upper

149 100

167 29.2 21.6 32.4

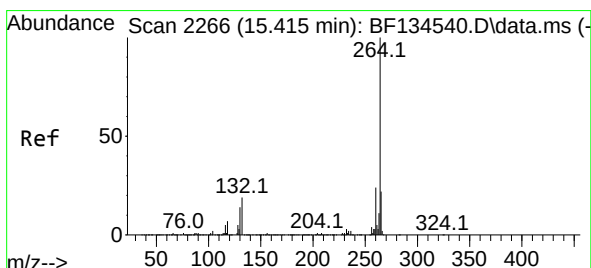
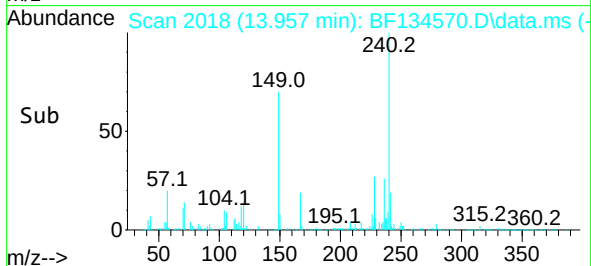
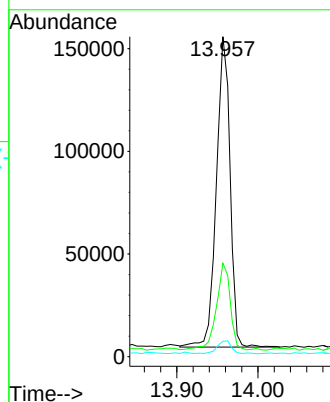
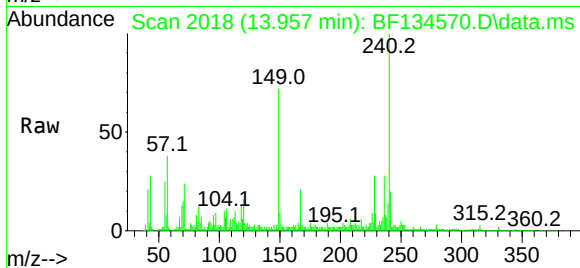
279 4.8 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.012 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

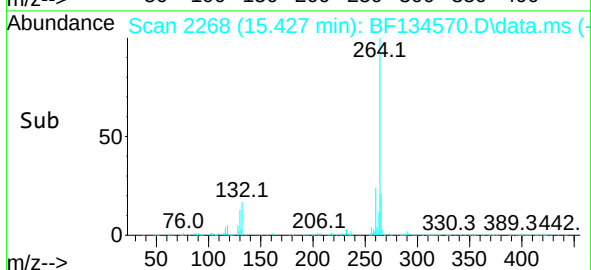
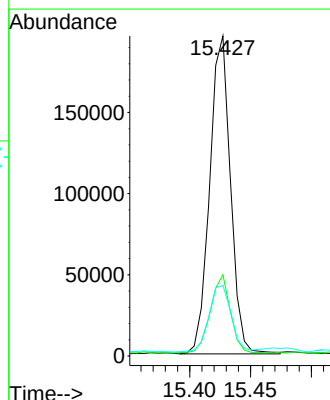
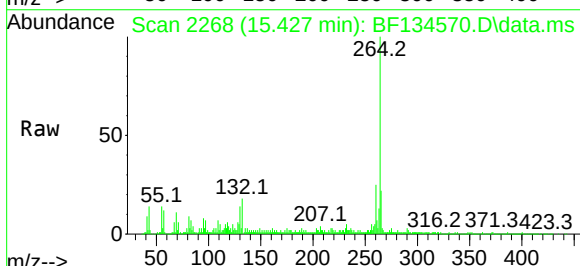
Tgt Ion:264 Resp: 233009

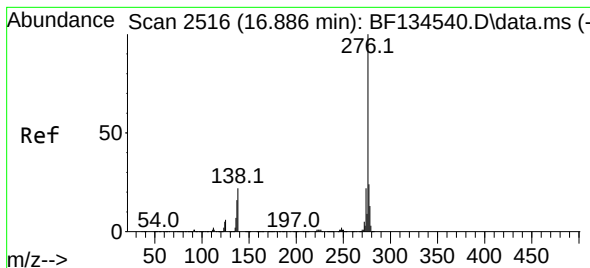
Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 22.1 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.431 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.012 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

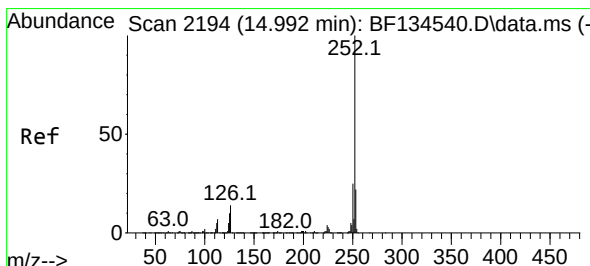
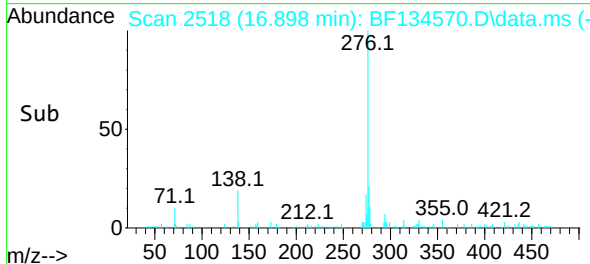
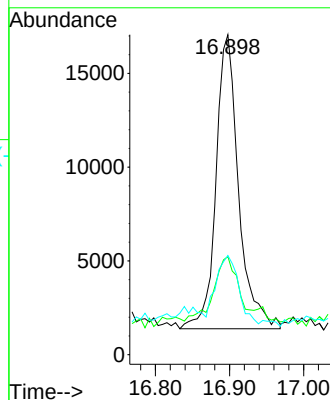
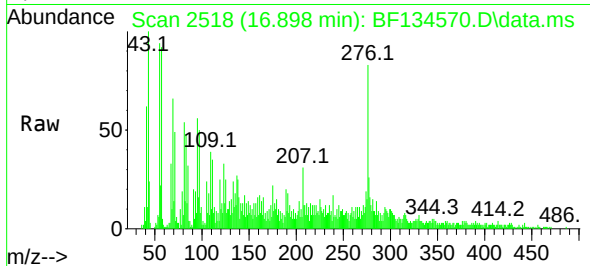
Tgt Ion:	276	Resp:	3331
Ion Ratio	Lower	Upper	
276	100		
138	23.8	14.2	21.4
277	23.1	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 5.766 ng m

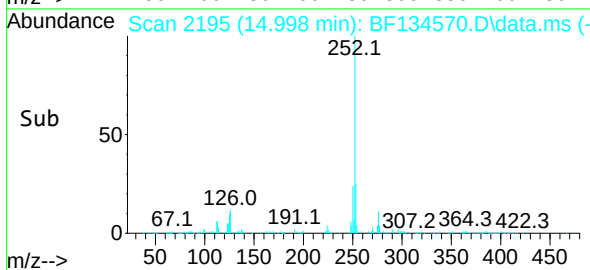
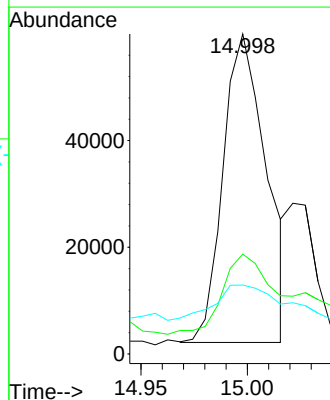
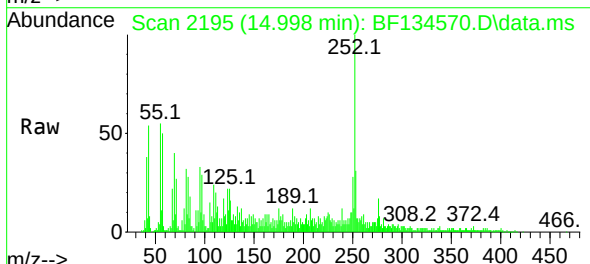
RT: 14.998 min Scan# 2195

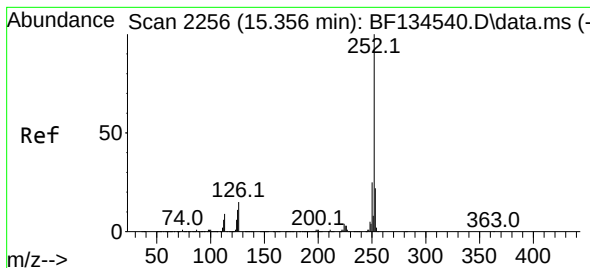
Delta R.T. 0.006 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Tgt Ion:	252	Resp:	81935
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.3	25.9
125	21.5	6.0	9.0





#90

Benzo(a)pyrene

Concen: 4.258 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

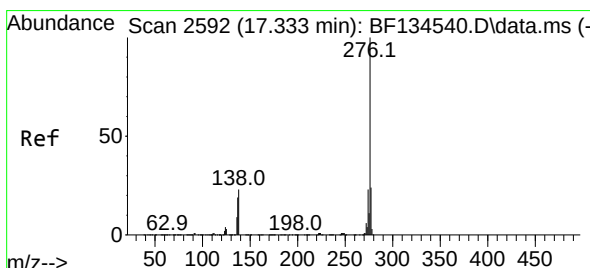
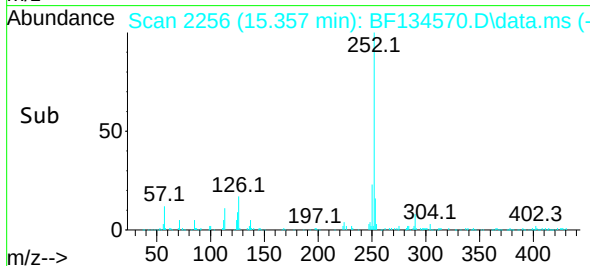
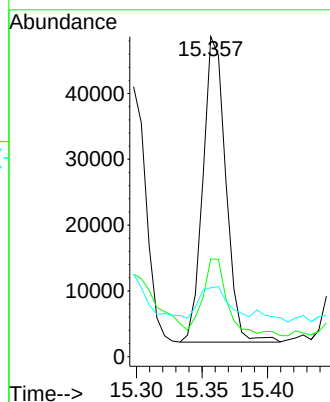
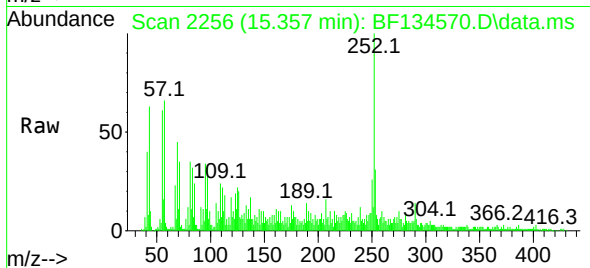
Tgt Ion:252 Resp: 5642
 Ion Ratio Lower Upper
 252 100
 253 30.5 17.0 25.4#
 125 21.6 6.2 9.4#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#92

Benzo(g,h,i)perylene

Concen: 3.031 ng

RT: 17.339 min Scan# 2593

Delta R.T. 0.006 min

Lab File: BF134570.D

Acq: 02 Aug 2023 09:50

Tgt Ion:276 Resp: 34237
 Ion Ratio Lower Upper
 276 100
 277 30.8 19.0 28.6#
 138 30.3 12.2 18.2#

