

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134556.D
 Acq On : 01 Aug 2023 19:24
 Operator : CG\JU
 Sample : 03645-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-(0.5-2.0)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:45:19 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	186884	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	736666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	365569	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	647165	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	366423	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	422938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1163632	94.649	ng	0.00
7) Phenol-d6	6.416	99	1482483	94.331	ng	-0.01
23) Nitrobenzene-d5	7.351	82	856089	72.624	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	357688	95.982	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1445788	65.758	ng	0.00
79) Terphenyl-d14	12.904	244	1355450	65.211	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.539	163	80947	3.249	ng	98
71) Phenanthrene	11.333	178	345926	10.063	ng	99
75) Fluoranthene	12.521	202	536565	14.777	ng	97
78) Pyrene	12.751	202	434249	13.696	ng	97
81) Benzo(a)anthracene	13.939	228	210211	8.023	ng	99
83) Chrysene	13.974	228	209562	8.210	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	107020	4.302	ng	# 93
88) Benzo(b)fluoranthene	14.986	252	288590m	11.188	ng	
89) Benzo(k)fluoranthene	15.010	252	84683m	3.296	ng	
90) Benzo(a)pyrene	15.345	252	186837	7.769	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	96200	4.691	ng	# 91

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

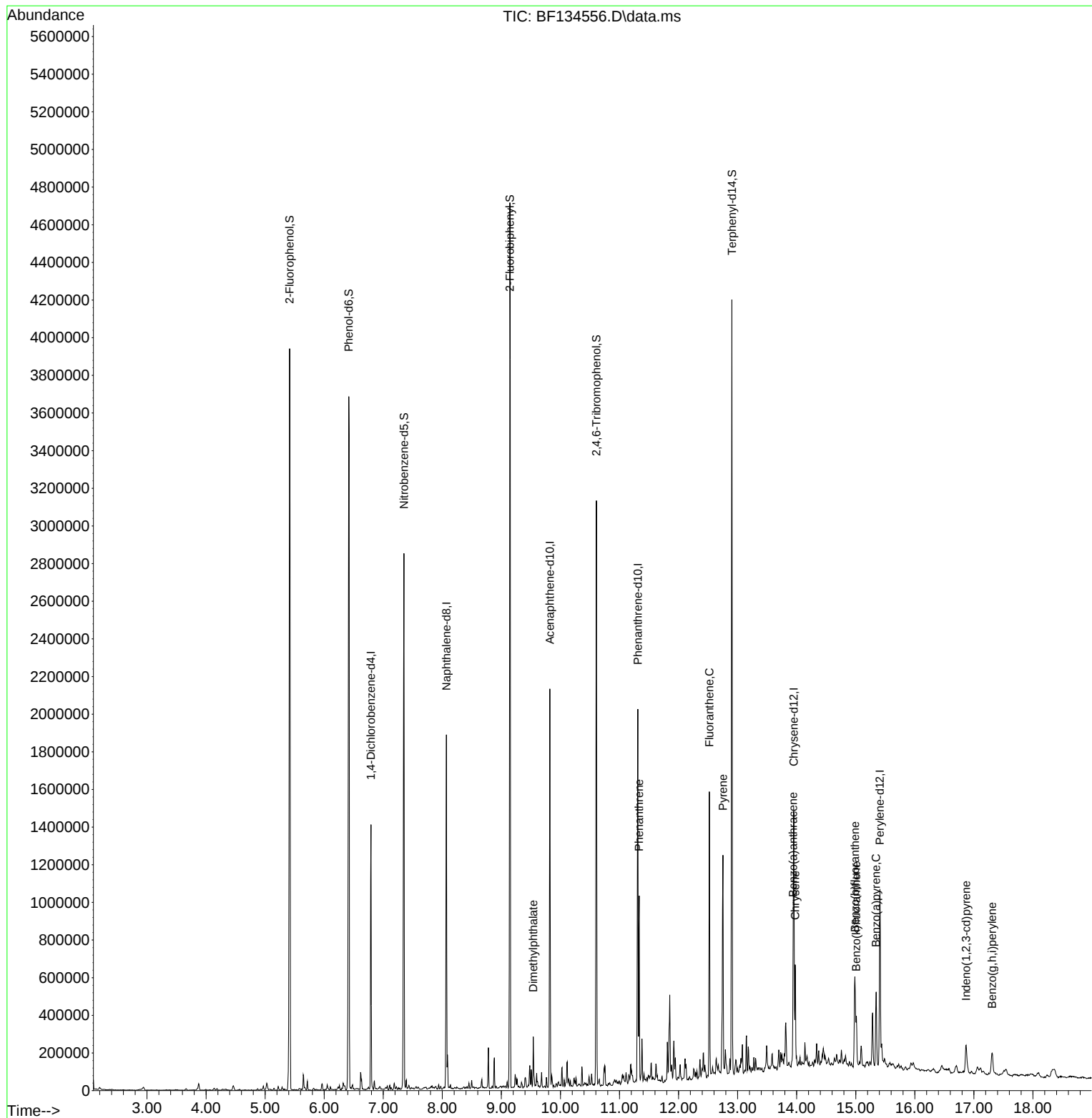
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134556.D
Acq On : 01 Aug 2023 19:24
Operator : CG\JU
Sample : 03645-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

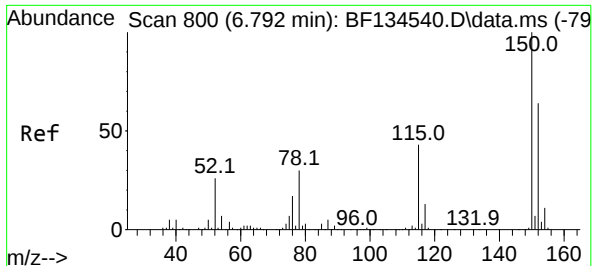
Instrument :
BNA_F
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Quant Time: Aug 02 02:45:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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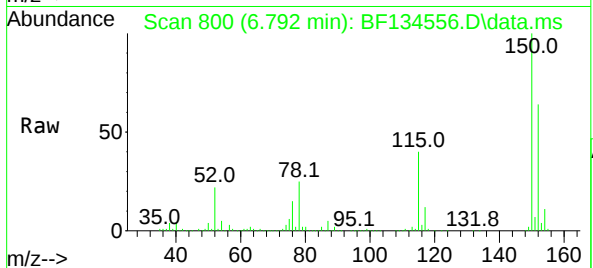
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

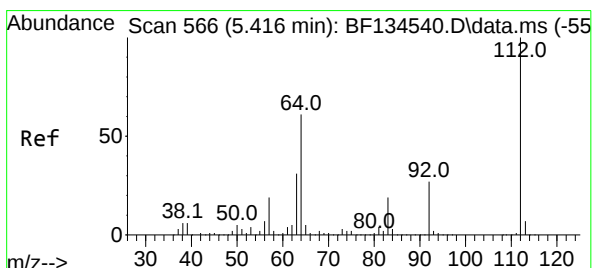
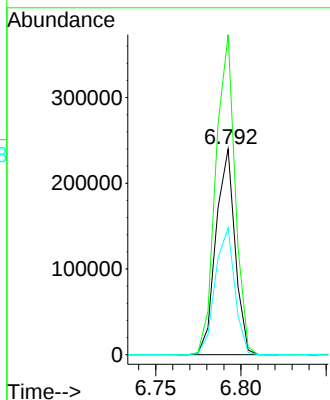
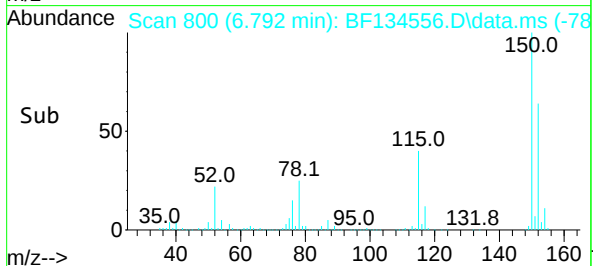
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion:152 Resp: 186884
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 61.6 52.4 78.6

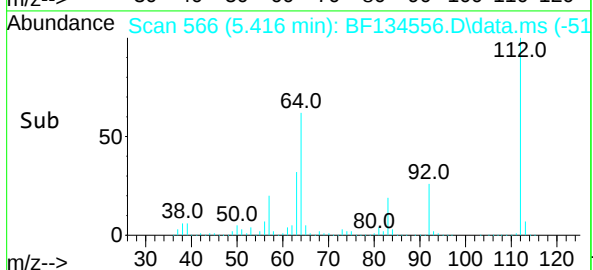
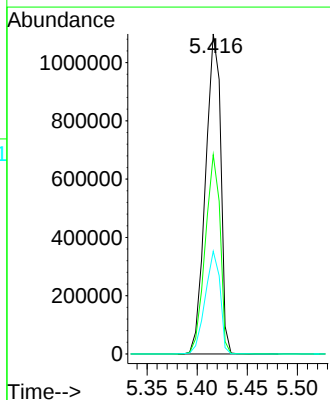
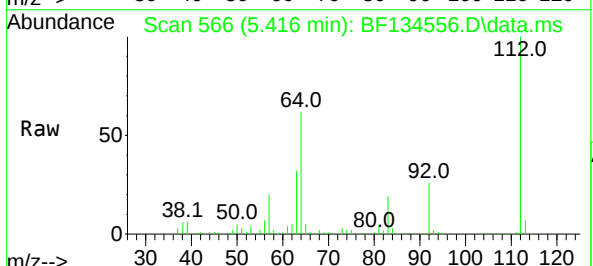
Manual Integrations
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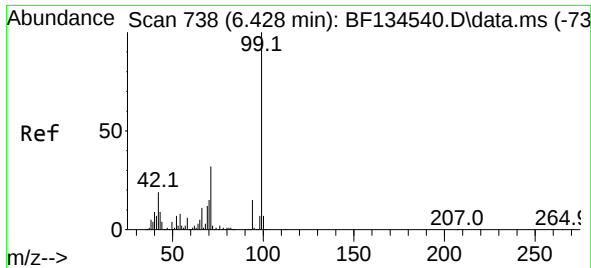
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#5
2-Fluorophenol
Concen: 94.649 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

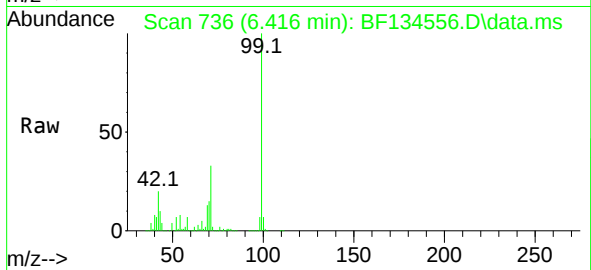
Tgt Ion:112 Resp: 1163632
Ion Ratio Lower Upper
112 100
64 62.3 44.9 67.3
63 32.1 25.4 38.0





#7
Phenol-d6
Concen: 94.331 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

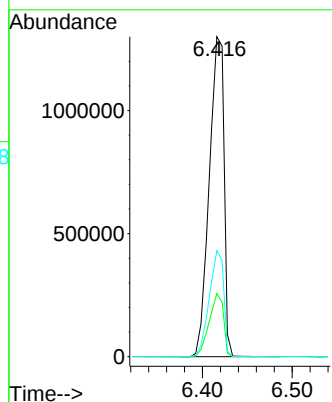
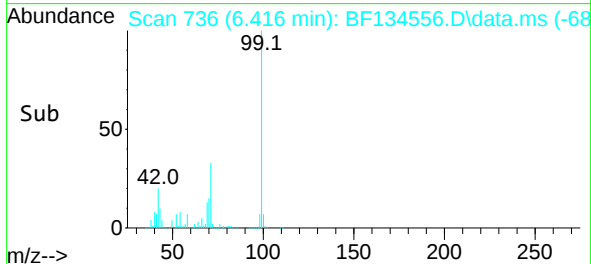
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion: 99 Resp: 148248
Ion Ratio Lower Upper
99 100
42 19.7 18.7 28.1
71 33.1 36.4 54.6

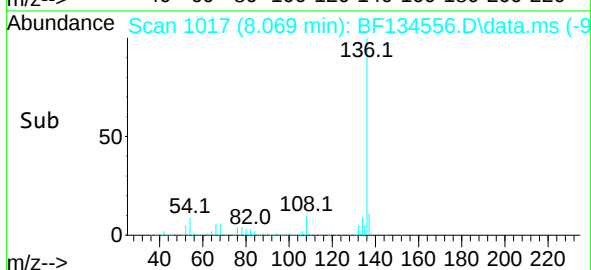
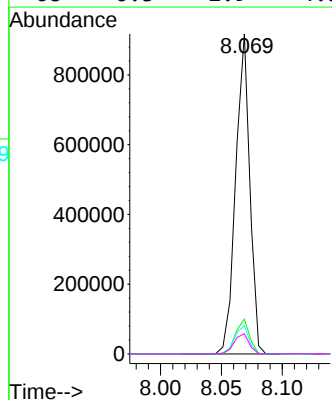
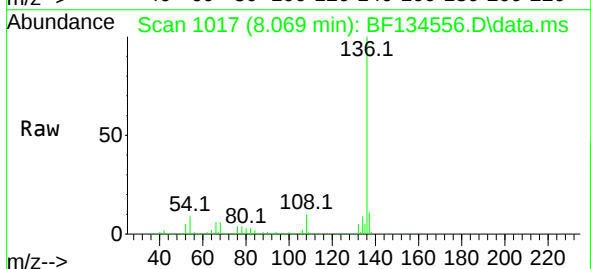
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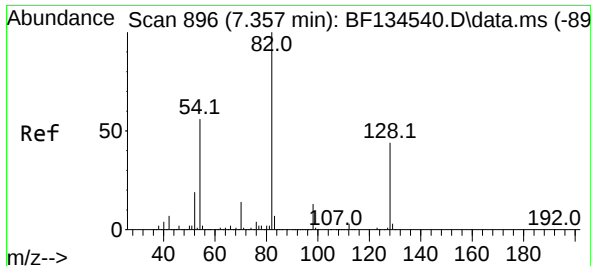
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

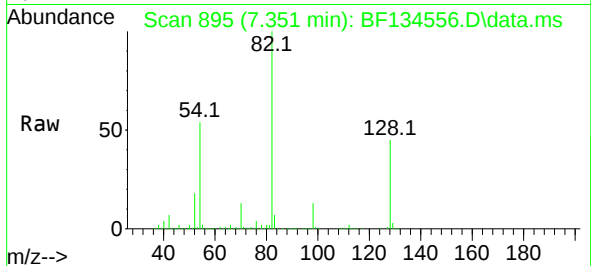
Tgt Ion:136 Resp: 736666
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8#
68 6.3 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 72.624 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

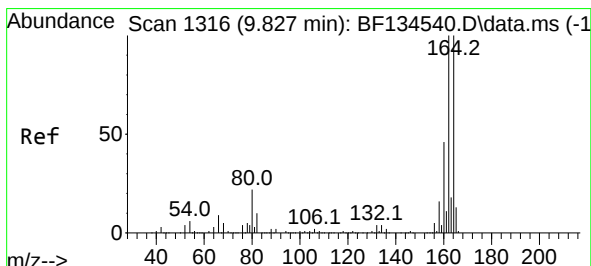
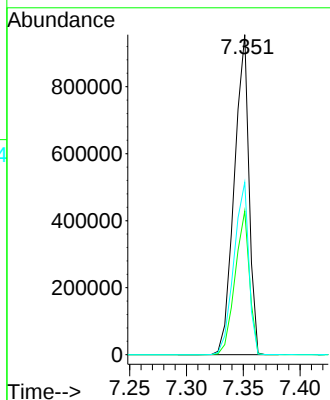
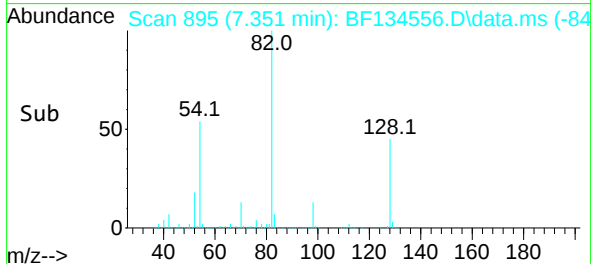
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion: 82 Resp: 856089
Ion Ratio Lower Upper
82 100
128 44.9 34.3 51.5
54 53.8 43.8 65.6

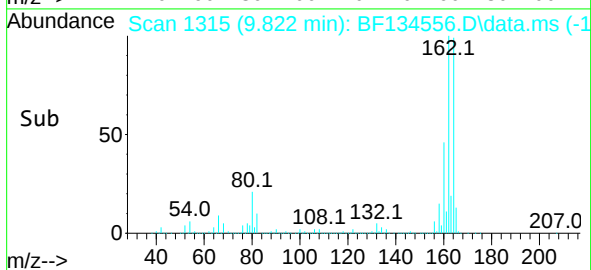
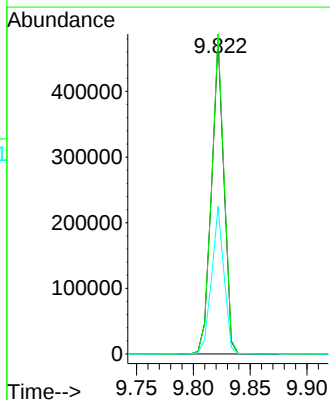
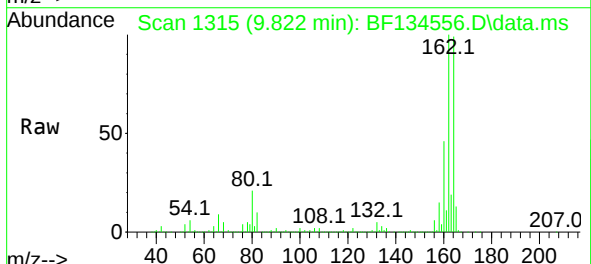
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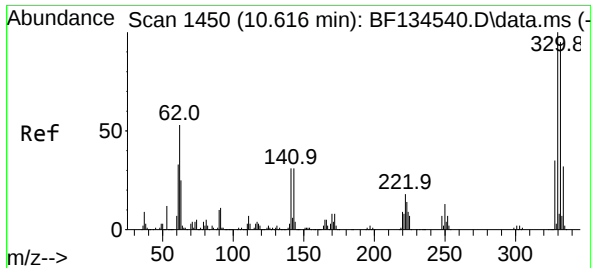
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

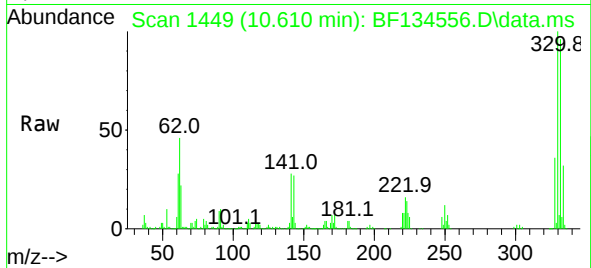
Tgt Ion:164 Resp: 365569
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 46.7 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 95.982 ng
RT: 10.610 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

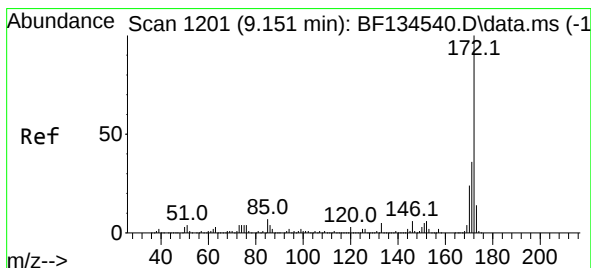
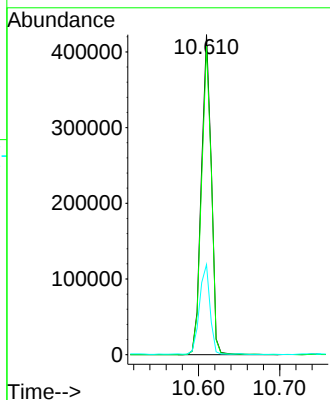
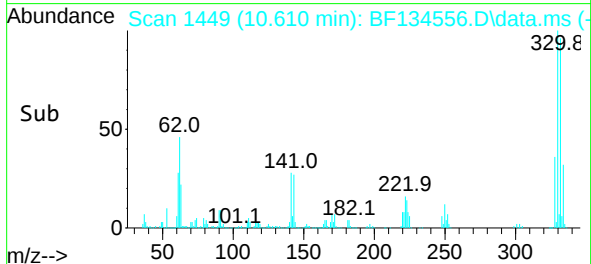
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



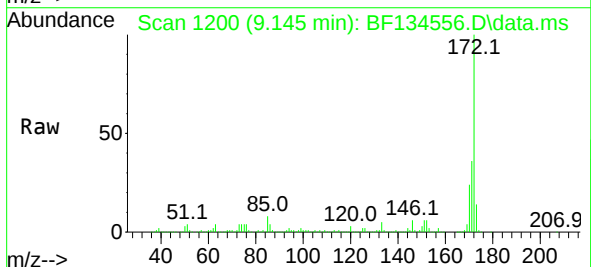
Tgt Ion: 330 Resp: 357688
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 29.9 25.4 38.2

Manual Integrations
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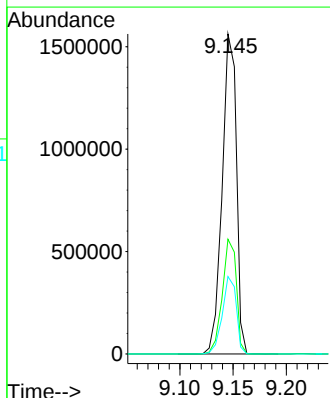
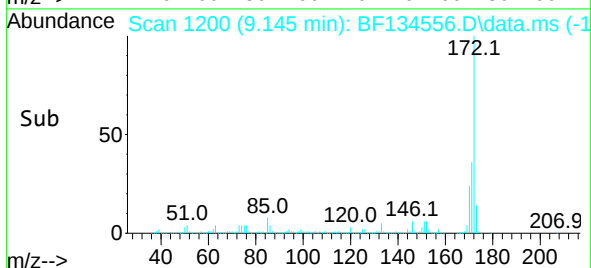
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

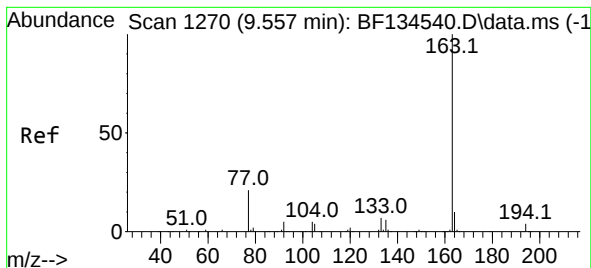


#45
2-Fluorobiphenyl
Concen: 65.758 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24



Tgt Ion: 172 Resp: 1445788
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 18.7 28.1





#50

Dimethylphthalate

Concen: 3.249 ng

RT: 9.539 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134556.D

Acq: 01 Aug 2023 19:24

Instrument :

BNA_F

ClientSampleId :

SB-08-(0.5-2.0)

Tgt Ion:163 Resp: 8094

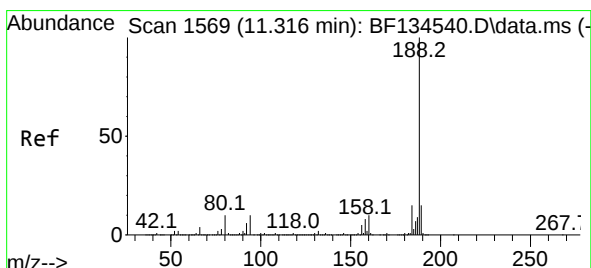
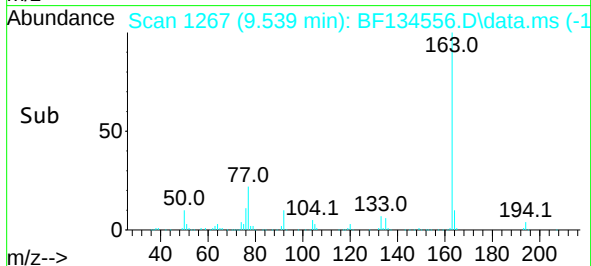
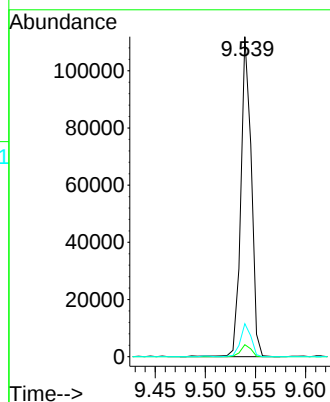
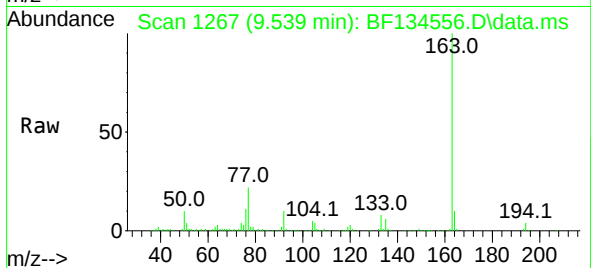
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.3	7.5	11.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

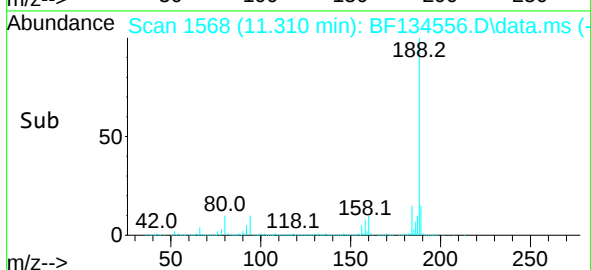
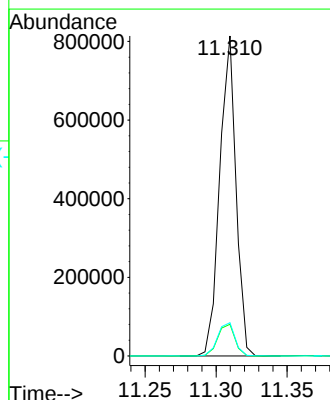
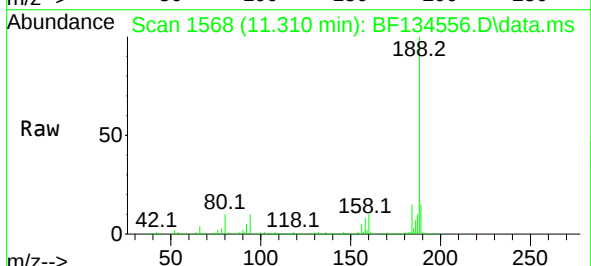
Delta R.T. -0.006 min

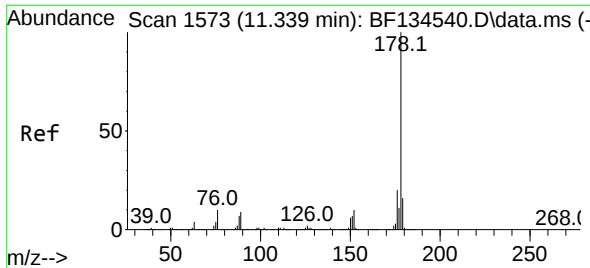
Lab File: BF134556.D

Acq: 01 Aug 2023 19:24

Tgt Ion:188 Resp: 647165

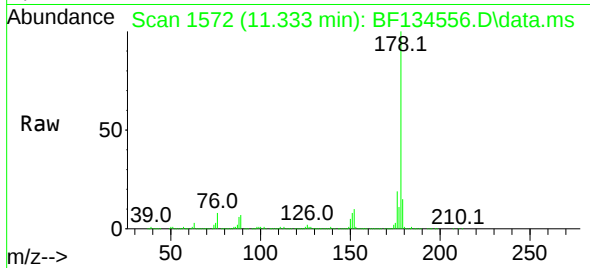
Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.1	7.7#
80	10.4	6.6	9.8#





#71
Phenanthrene
Concen: 10.063 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

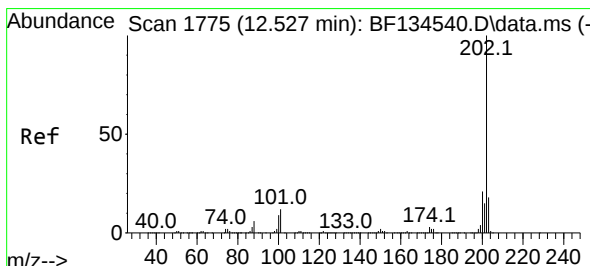
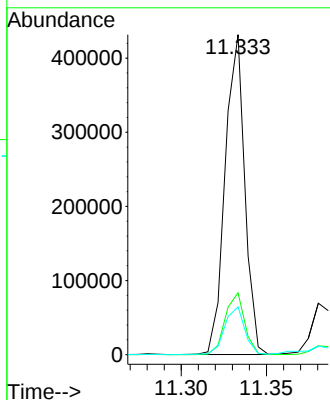
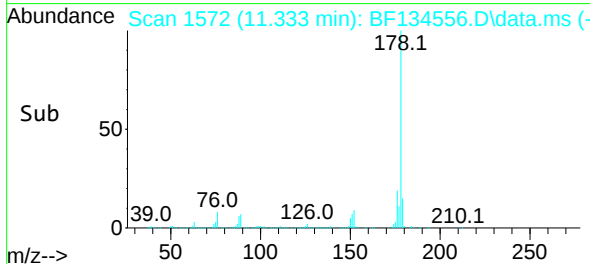
Instrument :
BNA_F
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SB-08-(0.5-2.0)



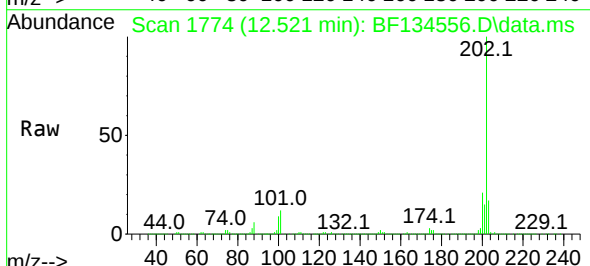
Tgt Ion:178 Resp: 345920
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 14.9 12.7 19.1

Manual Integrations
APPROVED

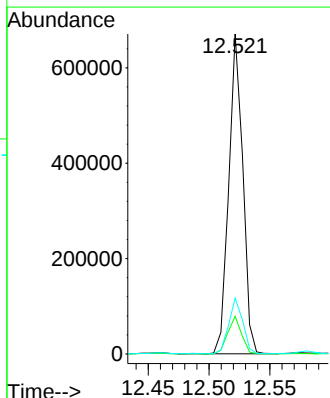
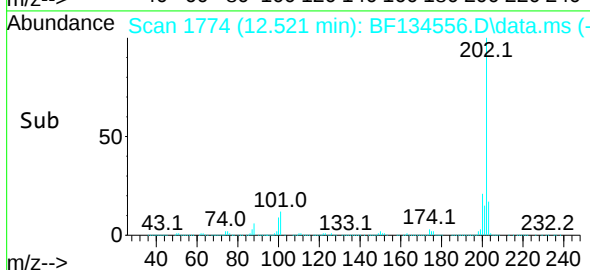
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

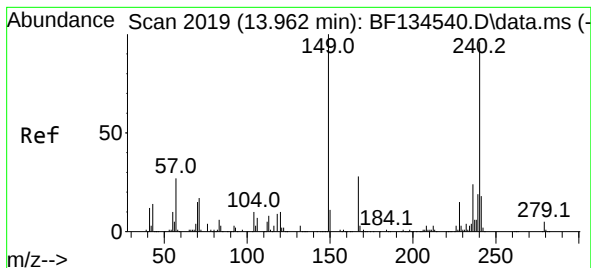


#75
Fluoranthene
Concen: 14.777 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24



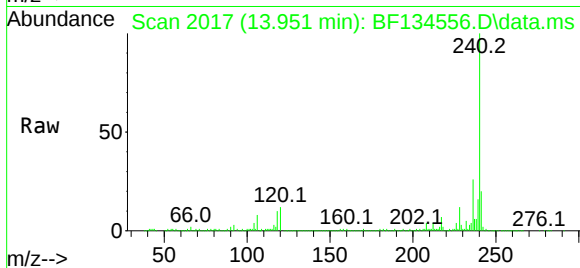
Tgt Ion:202 Resp: 536565
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.5
203 17.4 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

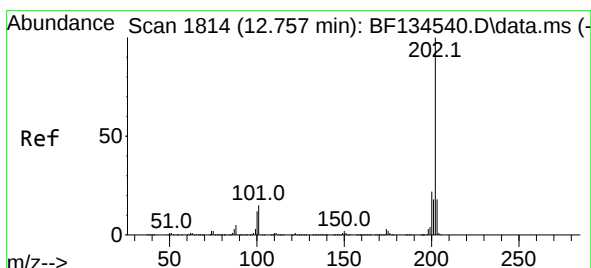
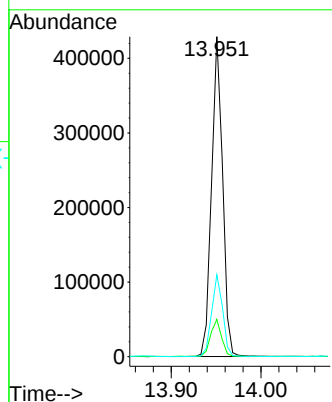
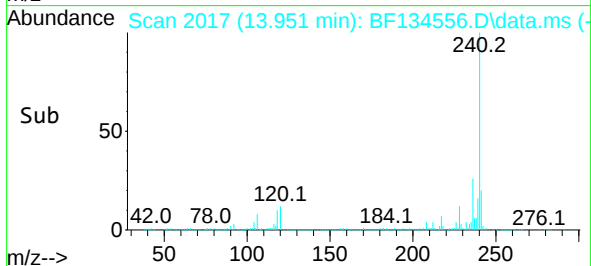
Instrument :
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ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion:240 Resp: 366423
Ion Ratio Lower Upper
240 100
120 11.6 6.6 10.0
236 25.6 20.2 30.2

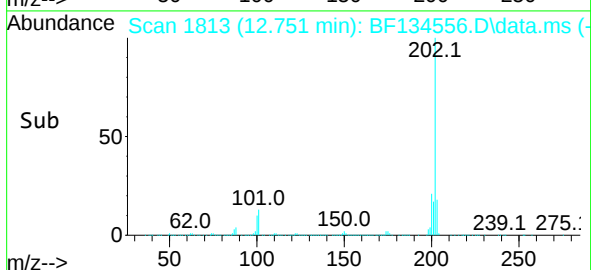
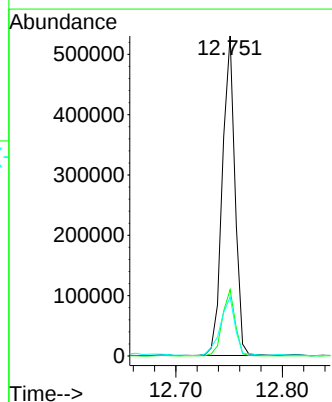
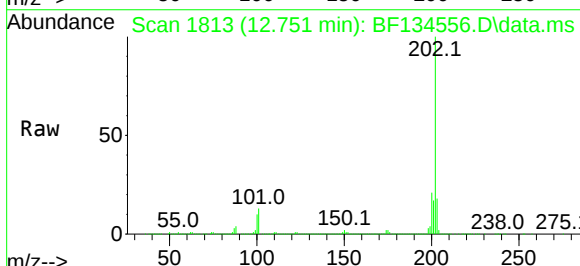
Manual Integrations
APPROVED

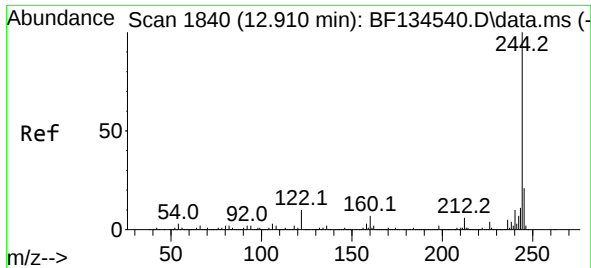
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#78
Pyrene
Concen: 13.696 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

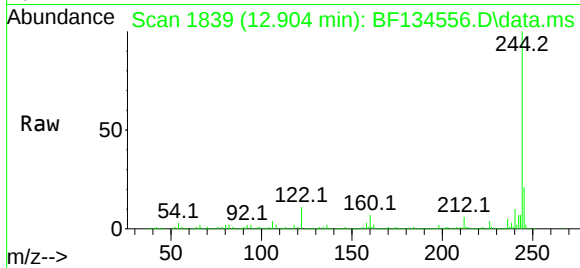
Tgt Ion:202 Resp: 434249
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 18.4 13.5 20.3





#79
 Terphenyl-d14
 Concen: 65.211 ng
 RT: 12.904 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134556.D
 Acq: 01 Aug 2023 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-(0.5-2.0)

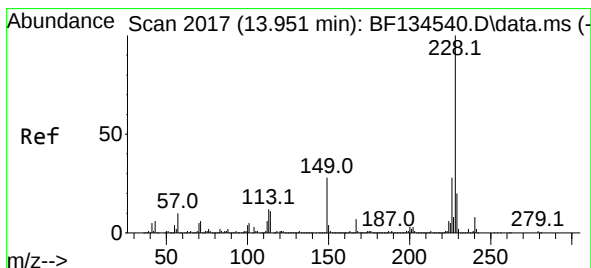
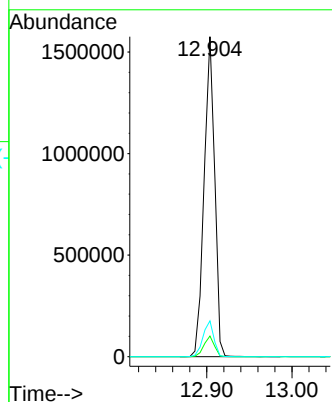
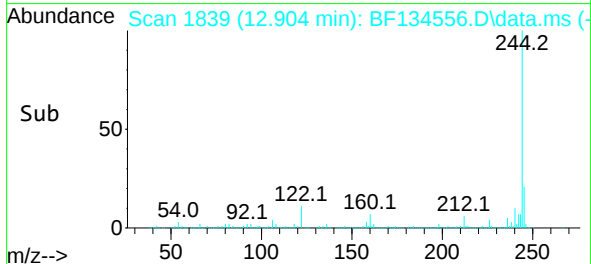


Tgt Ion:244 Resp: 1355450

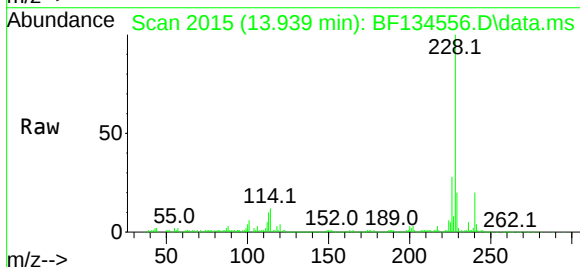
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.2	8.0	12.0

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 Supervised By :mohammad ahmed 08/02/2023

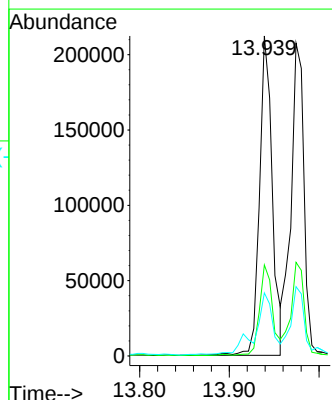
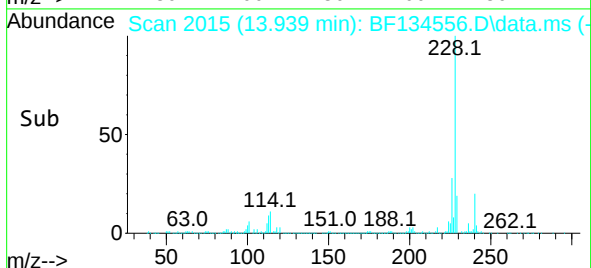


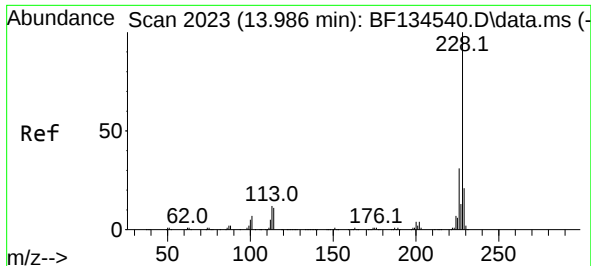
#81
 Benzo(a)anthracene
 Concen: 8.023 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. -0.012 min
 Lab File: BF134556.D
 Acq: 01 Aug 2023 19:24



Tgt Ion:228 Resp: 210211

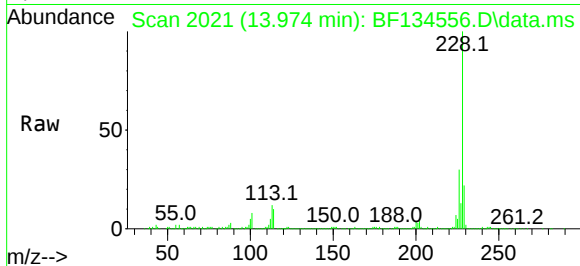
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.7	15.8	23.6





#83
Chrysene
Concen: 8.210 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

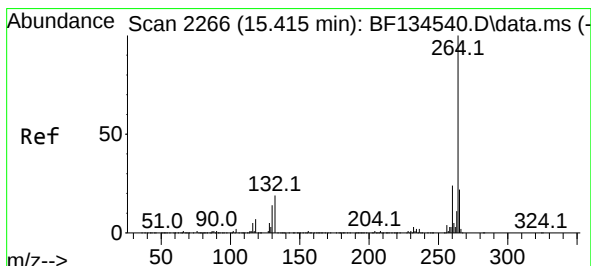
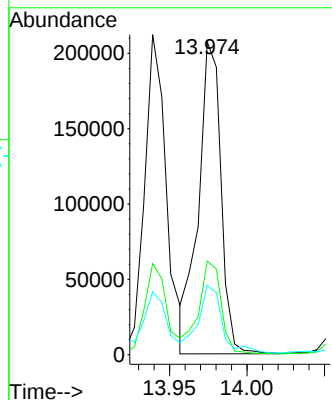
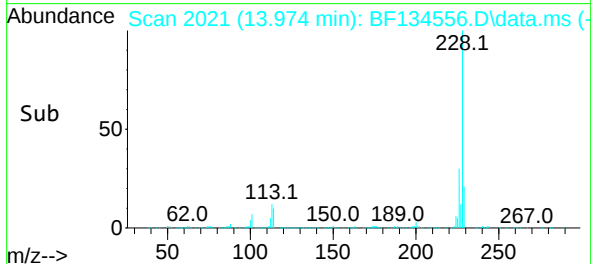
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



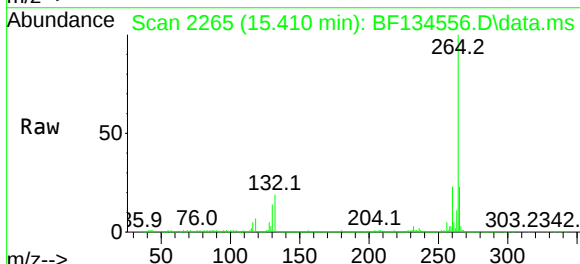
Tgt Ion:228 Resp: 20956
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.2 15.8 23.8

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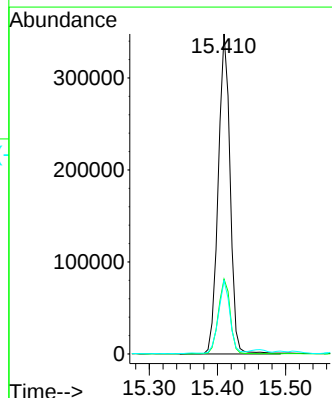
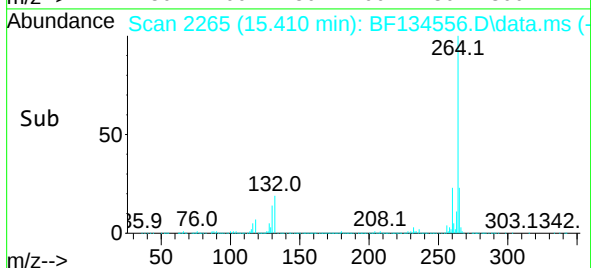
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

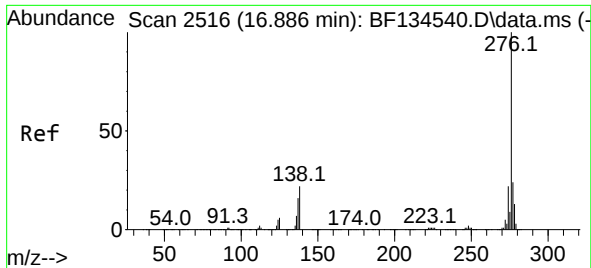


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24



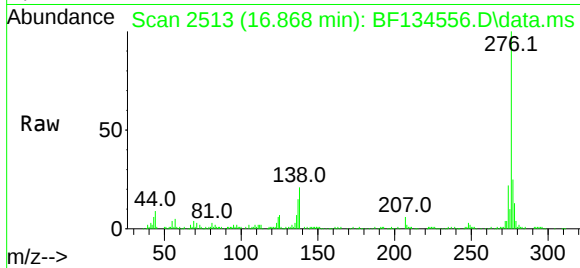
Tgt Ion:264 Resp: 422938
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 23.0 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.302 ng
RT: 16.868 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

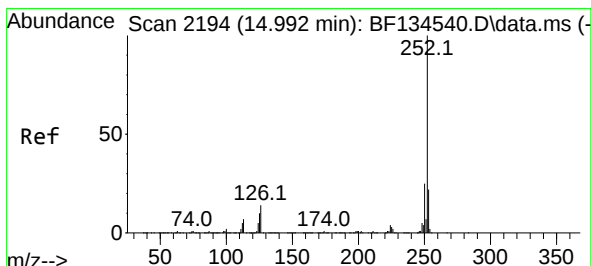
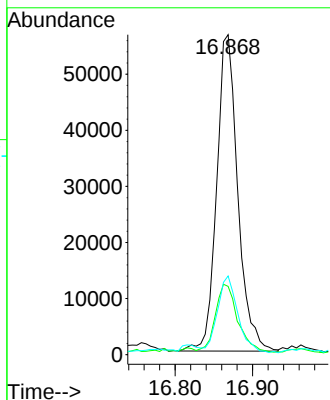
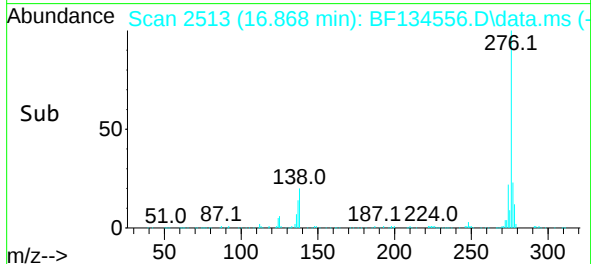
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion: 276 Resp: 107020
Ion Ratio Lower Upper
276 100
138 23.3 14.2 21.4
277 23.3 19.9 29.9

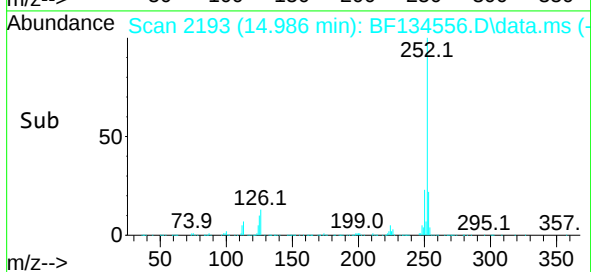
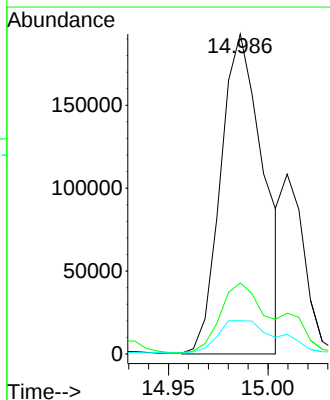
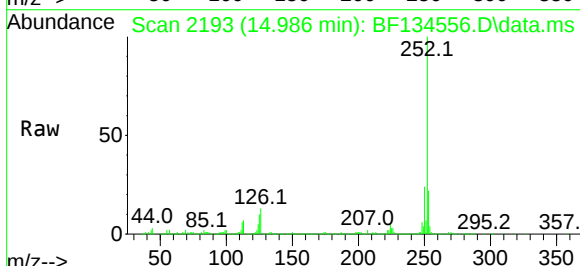
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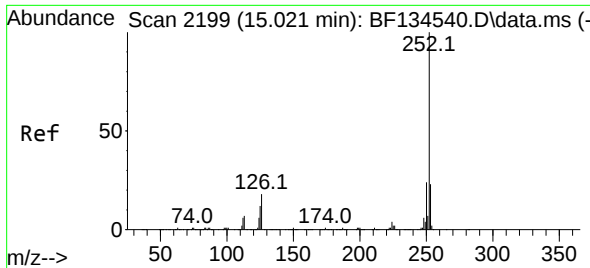
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#88
Benzo(b)fluoranthene
Concen: 11.188 ng m
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

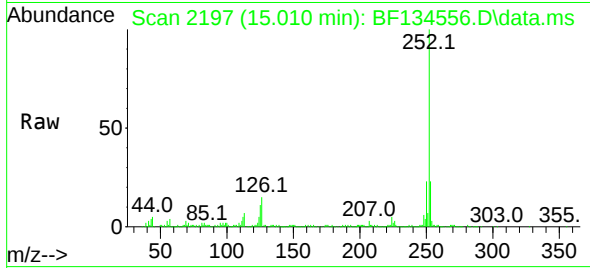
Tgt Ion: 252 Resp: 288590
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.4 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 3.296 ng m
RT: 15.010 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

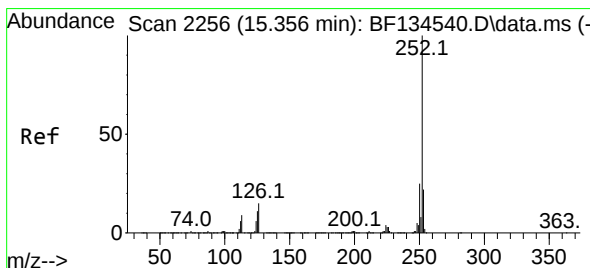
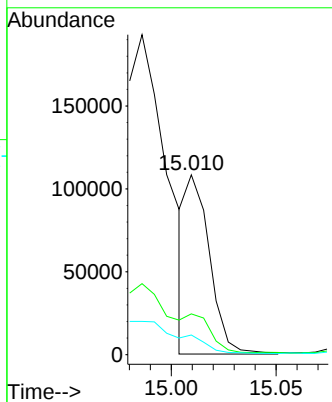
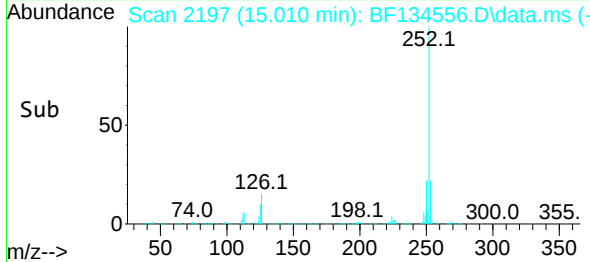
Instrument :
BNA_F
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion:252 Resp: 84683
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.9 6.3 9.5

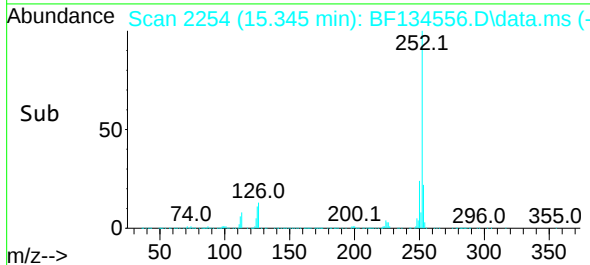
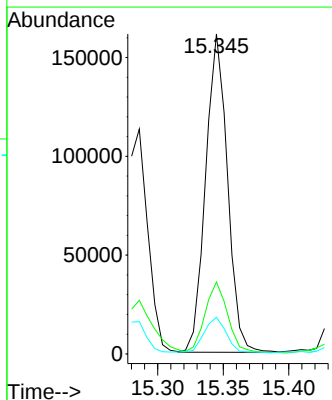
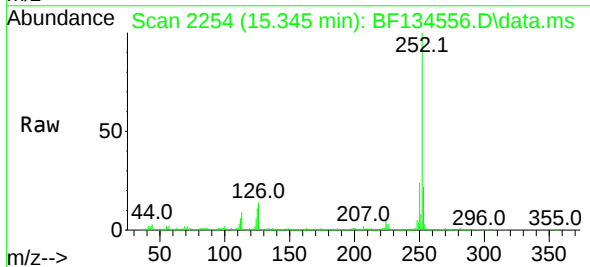
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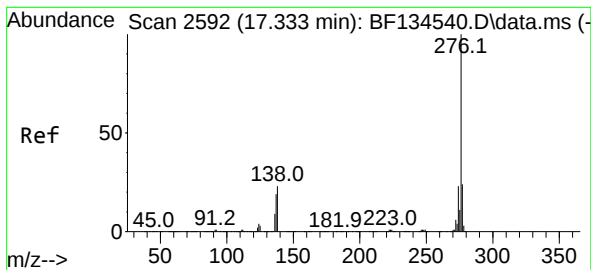
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#90
Benzo(a)pyrene
Concen: 7.769 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF134556.D
Acq: 01 Aug 2023 19:24

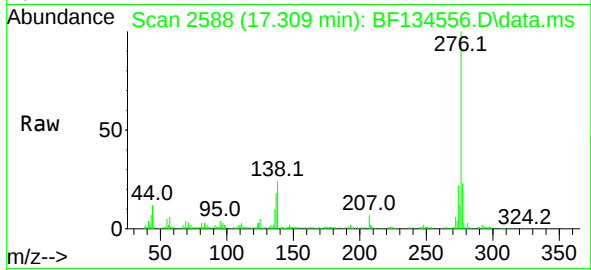
Tgt Ion:252 Resp: 186837
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 11.4 6.2 9.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.691 ng
 RT: 17.309 min Scan# 2588
 Delta R.T. -0.023 min
 Lab File: BF134556.D
 Acq: 01 Aug 2023 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-(0.5-2.0)



Tgt Ion: 276 Resp: 96200
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.0 28.6
 138 24.0 12.2 18.2

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Reviewed By : Yogesh Patel 08/02/2023
 Supervised By : mohammad ahmed 08/02/2023

