

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134136.D
 Acq On : 07 Jul 2023 14:05
 Operator : CG\JU
 Sample : 03393-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-10

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 23:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	101789	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	394327	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	187592	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	321524	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	225410	20.000	ng	-0.02
86) Perylene-d12	15.539	264	244252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	564305	92.736	ng	0.00
7) Phenol-d6	6.481	99	681016	91.003	ng	-0.01
23) Nitrobenzene-d5	7.404	82	460080	62.894	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	193107	82.102	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	857193	66.435	ng	-0.01
79) Terphenyl-d14	12.975	244	750059	53.554	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	35733	2.208	ng	99
75) Fluoranthene	12.592	202	86114	4.921	ng	98
78) Pyrene	12.827	202	73521	3.505	ng	99
81) Benzo(a)anthracene	14.022	228	44101	2.821	ng	97
83) Chrysene	14.063	228	44569m	2.944	ng	
88) Benzo(b)fluoranthene	15.092	252	59664m	4.154	ng	
90) Benzo(a)pyrene	15.474	252	35243	2.538	ng	94

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

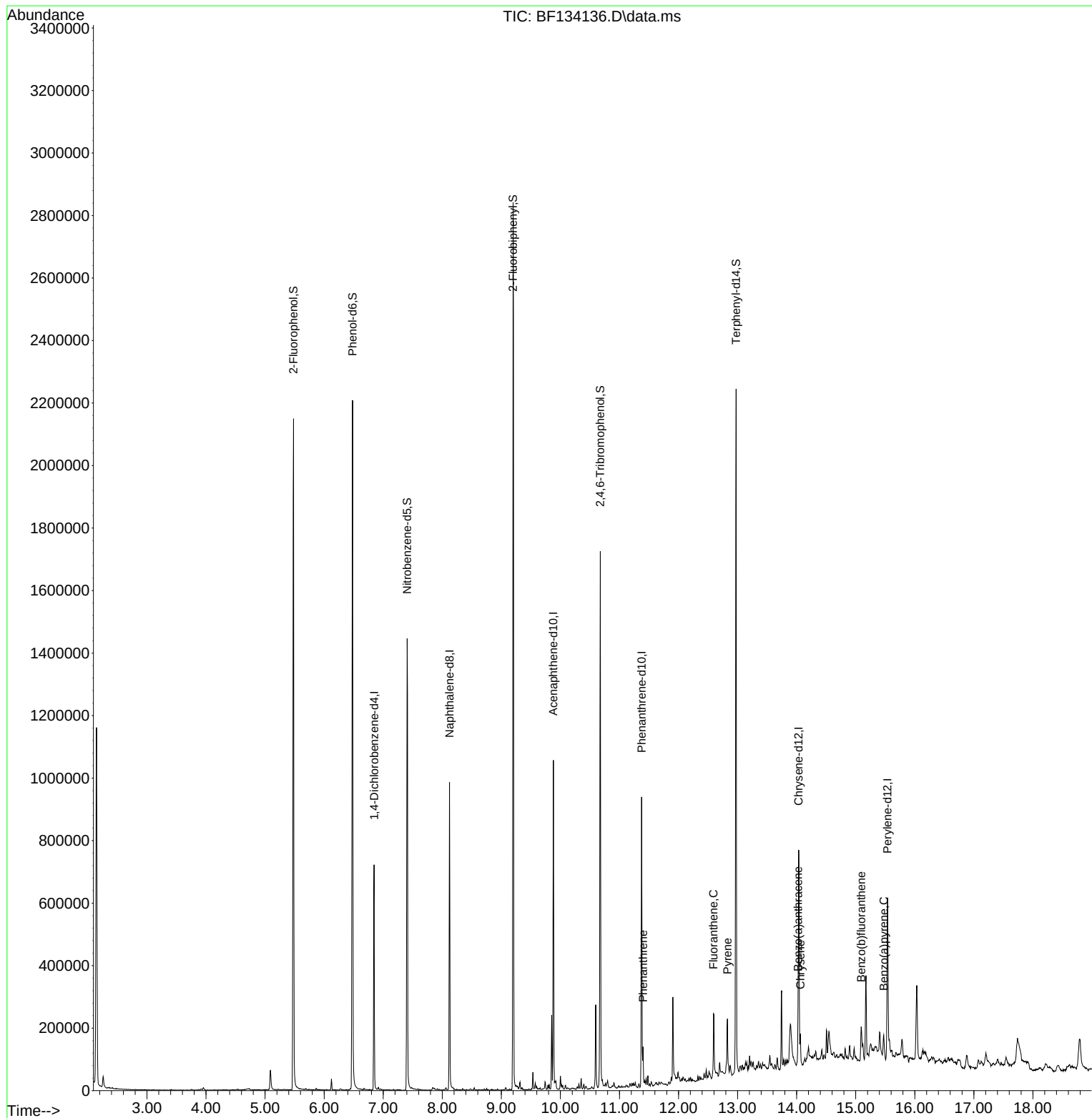
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134136.D
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Operator : CG\JU
Sample : 03393-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

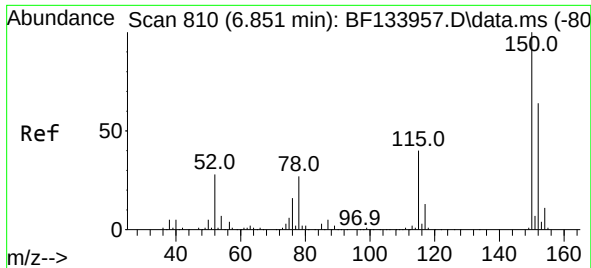
Instrument :
BNA_F
ClientSampleId :
SF-10

Quant Time: Jul 07 23:03:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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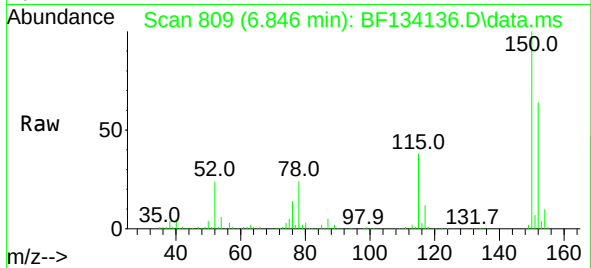
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

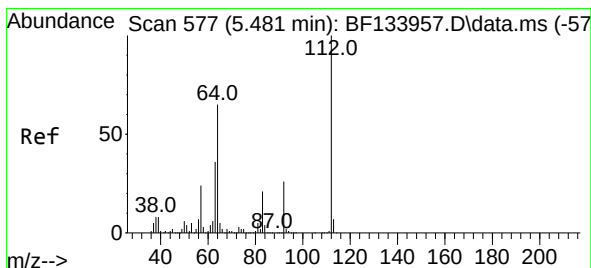
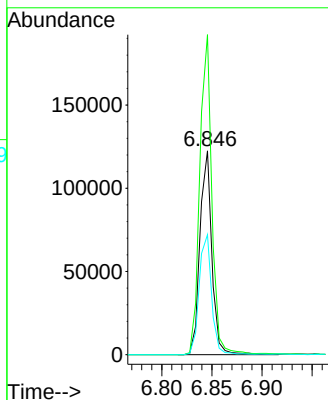
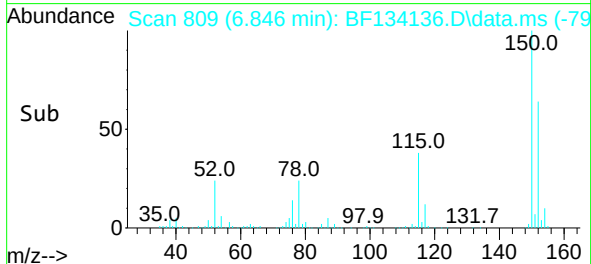
Instrument :
BNA_F
ClientSampleId :
SF-10



Tgt Ion:152 Resp: 101789
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 58.9 50.2 75.2

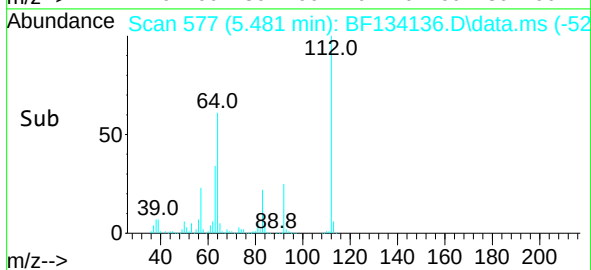
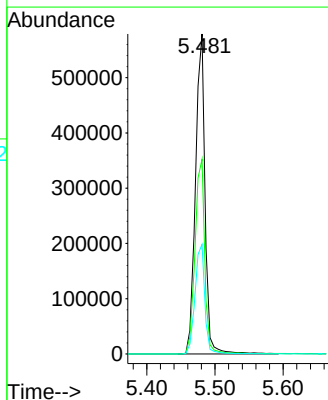
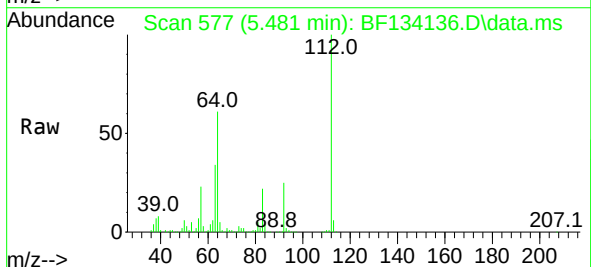
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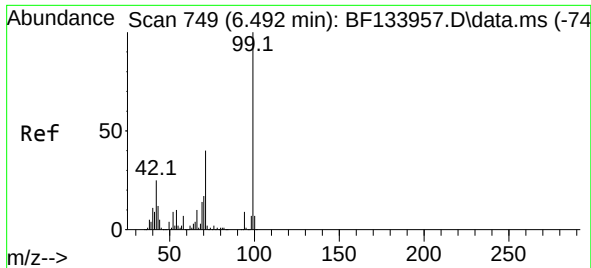
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#5
2-Fluorophenol
Concen: 92.736 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

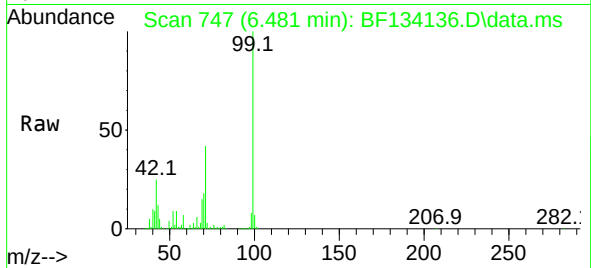
Tgt Ion:112 Resp: 564305
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 34.2 28.6 42.8





#7
Phenol-d6
Concen: 91.003 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

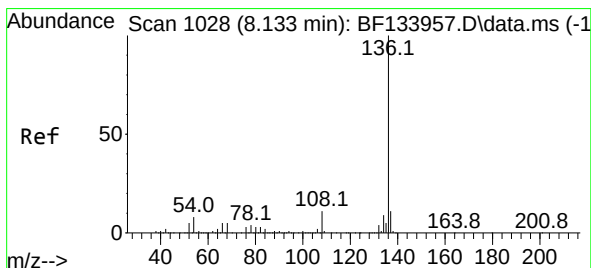
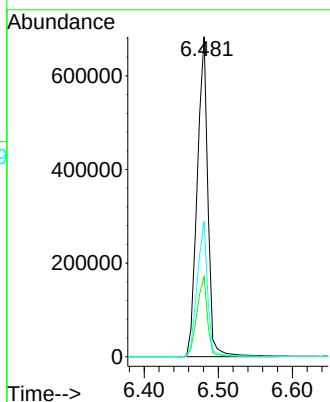
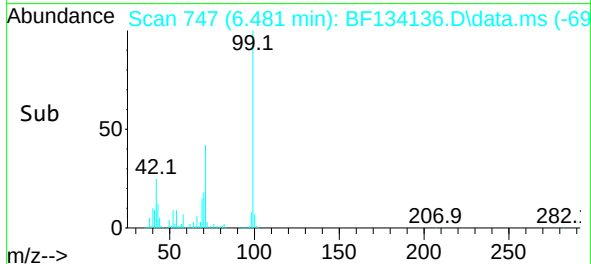
Instrument :
BNA_F
ClientSampleId :
SF-10



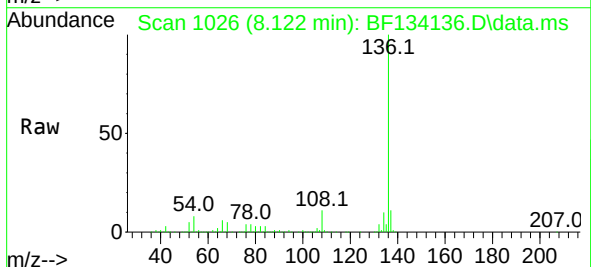
Tgt Ion: 99 Resp: 681010
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.3 31.9 47.9

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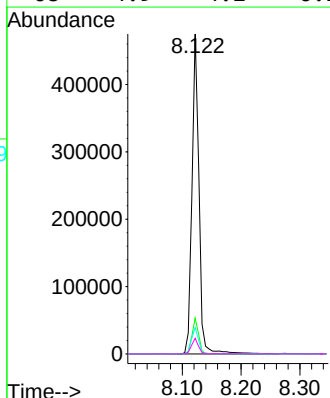
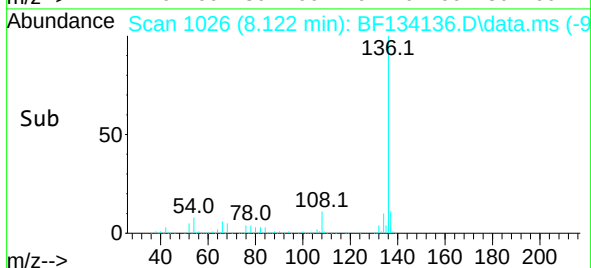
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

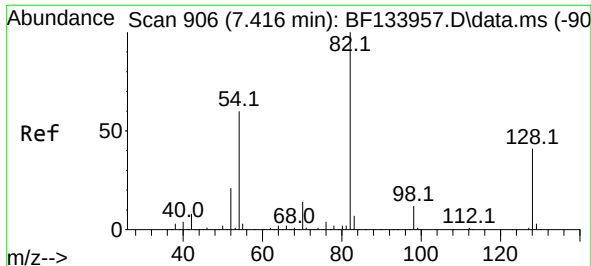


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05



Tgt Ion:136 Resp: 394327
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.3 6.5 9.7
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 62.894 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF134136.D

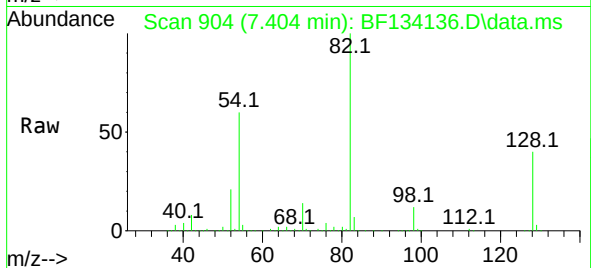
Acq: 07 Jul 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SF-10



Tgt Ion: 82 Resp: 460080

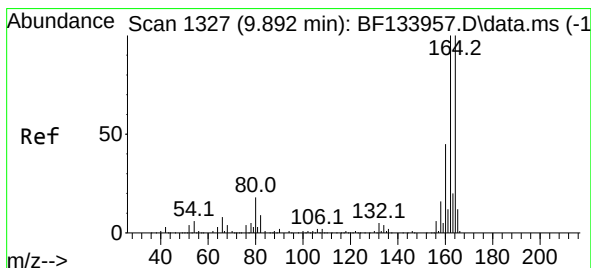
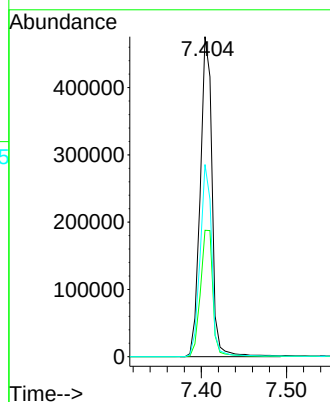
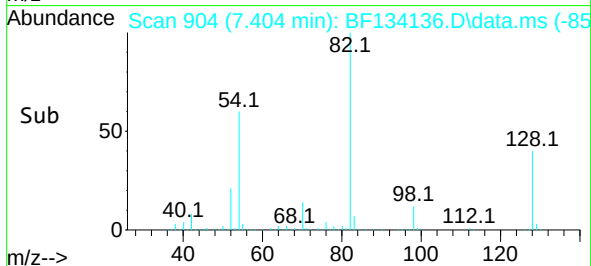
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.5	48.7
54	60.0	48.2	72.2

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Supervised By :mohammad ahmed 07/09/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

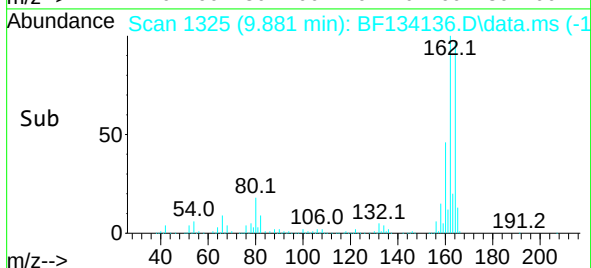
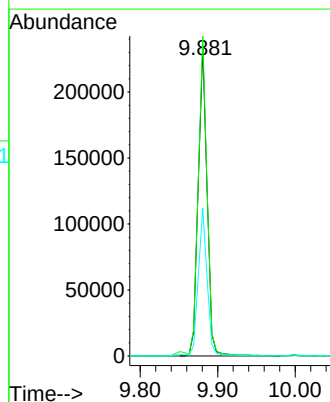
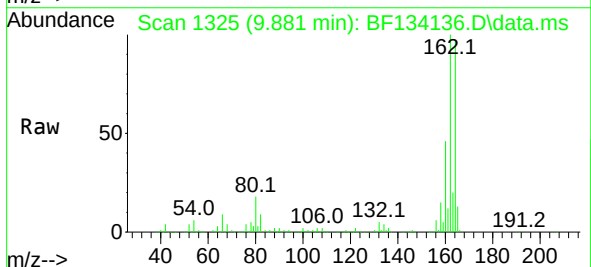
Delta R.T. -0.012 min

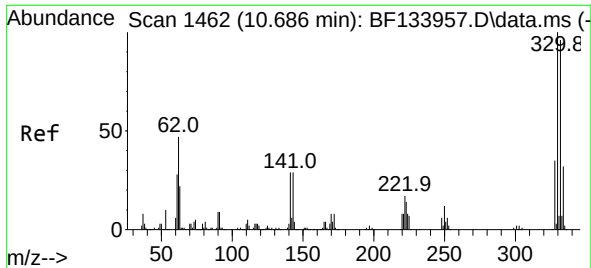
Lab File: BF134136.D

Acq: 07 Jul 2023 14:05

Tgt Ion:164 Resp: 187592

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.0	120.0
160	47.9	35.9	53.9





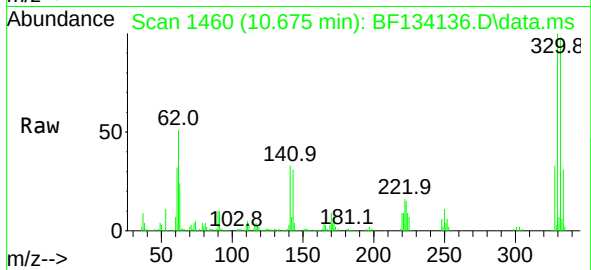
#42
2,4,6-Tribromophenol
Concen: 82.102 ng
RT: 10.675 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SF-10



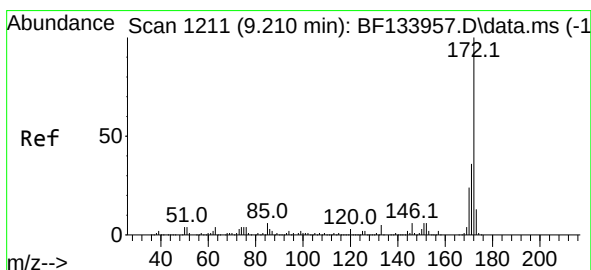
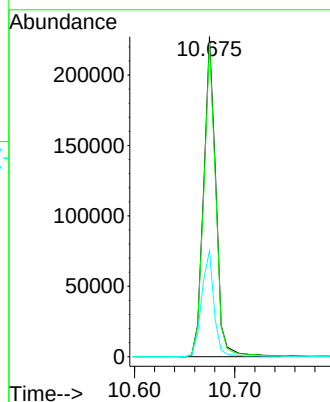
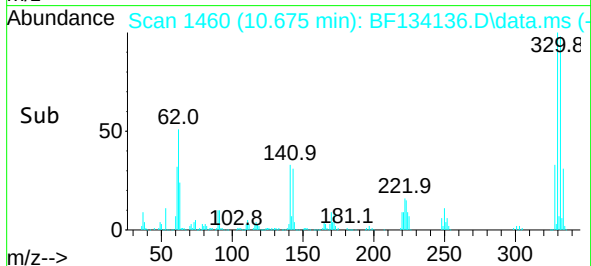
Tgt Ion:330 Resp: 193107
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 34.1 26.3 39.5

Manual Integrations

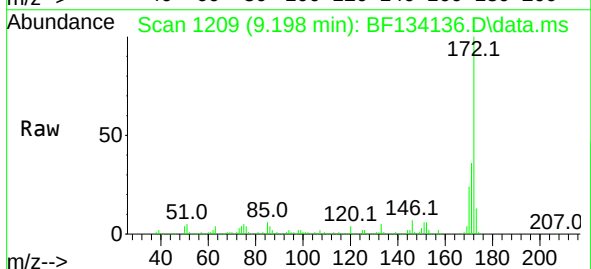
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Reviewed By :Yogesh Patel 07/09/2023

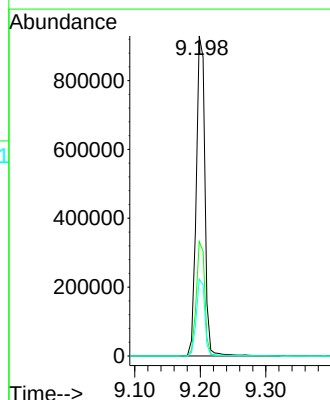
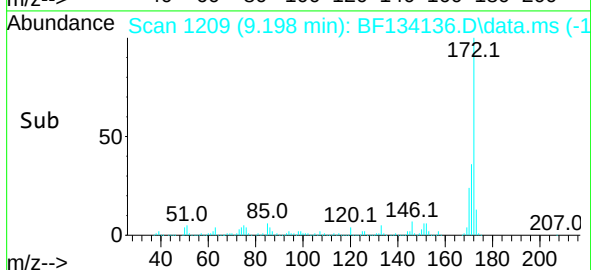
Supervised By :mohammad ahmed 07/09/2023

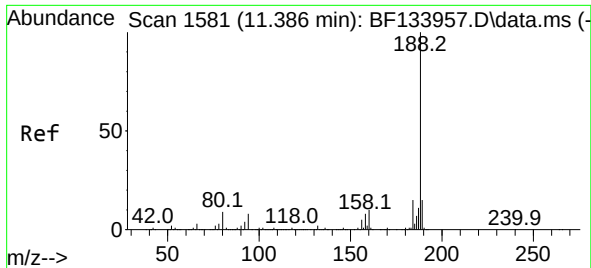


#45
2-Fluorobiphenyl
Concen: 66.435 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05



Tgt Ion:172 Resp: 857193
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.4 29.0





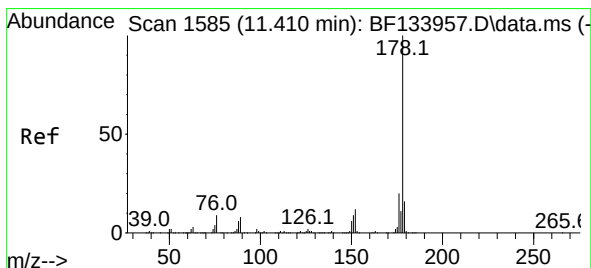
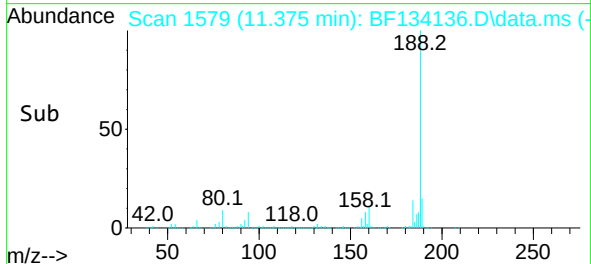
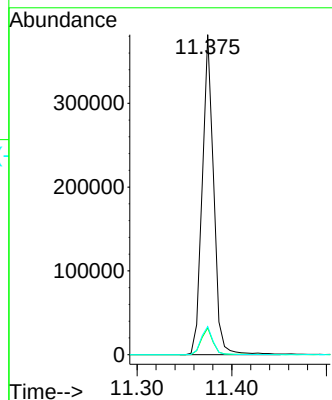
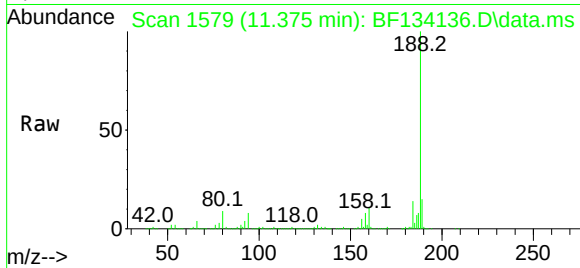
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Instrument :
BNA_F
ClientSampleId :
SF-10

Tgt Ion:188 Resp: 321524
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.8 7.3 10.9

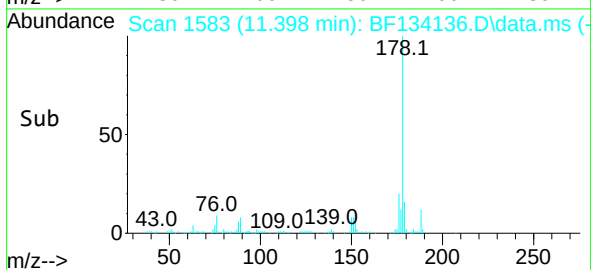
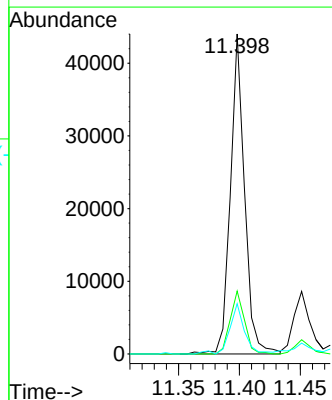
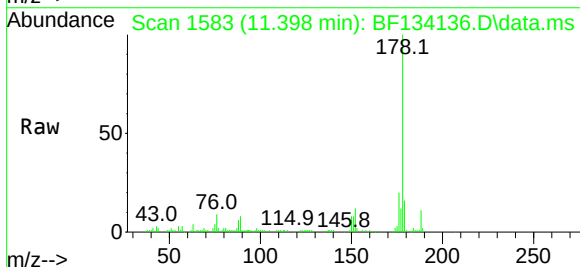
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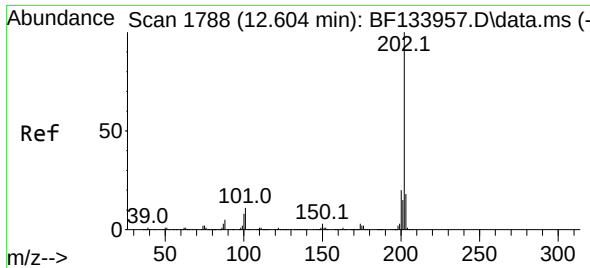
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#71
Phenanthrene
Concen: 2.208 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

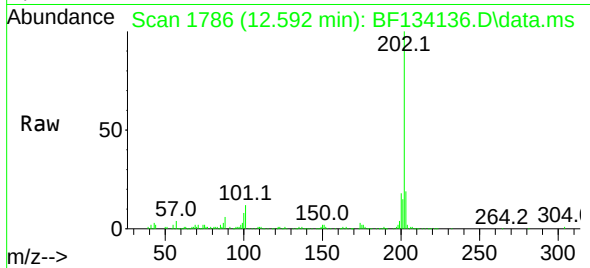
Tgt Ion:178 Resp: 35733
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.7 12.4 18.6





#75
Fluoranthene
Concen: 4.921 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

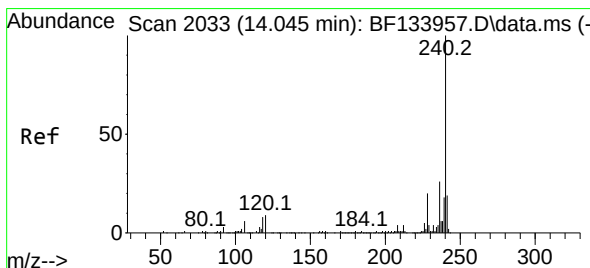
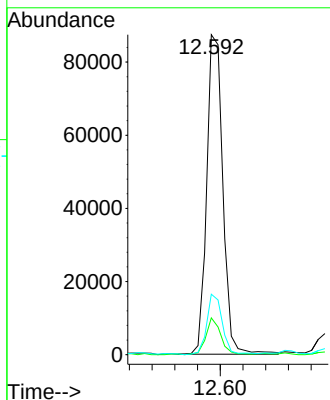
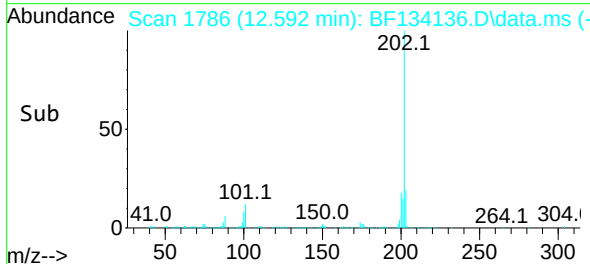
Instrument :
BNA_F
ClientSampleId :
SF-10



Tgt Ion:202 Resp: 86114
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.0
203 18.9 0.0 37.6

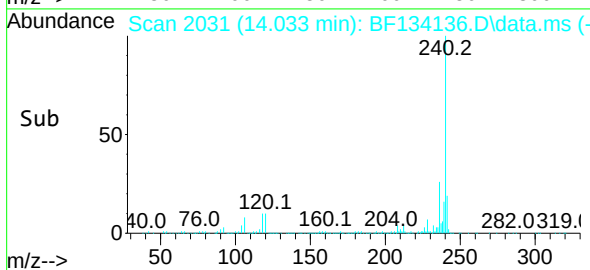
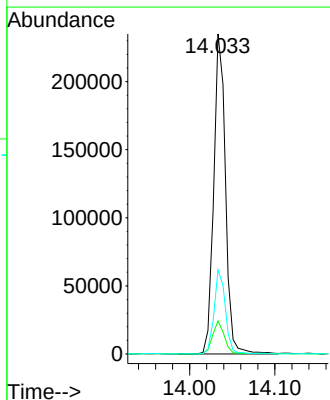
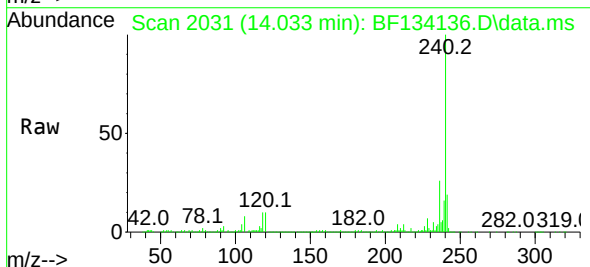
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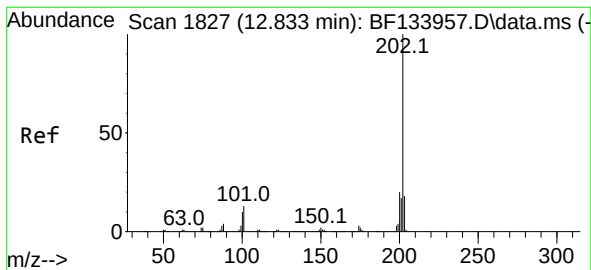
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Tgt Ion:240 Resp: 225410
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.3 21.0 31.6





#78

Pyrene

Concen: 3.505 ng

RT: 12.827 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF134136.D

Acq: 07 Jul 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SF-10

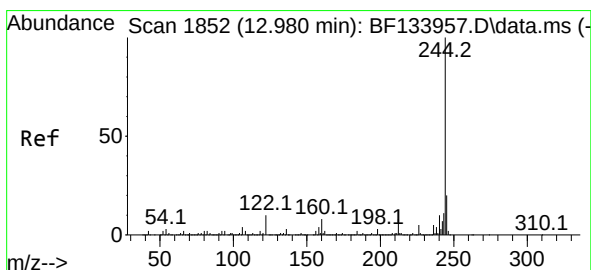
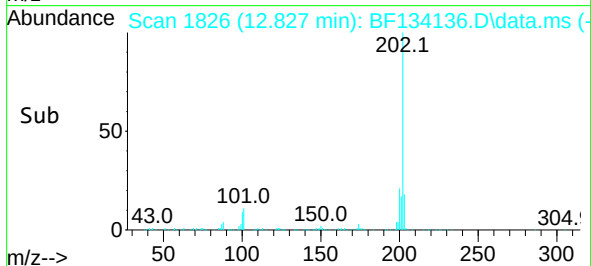
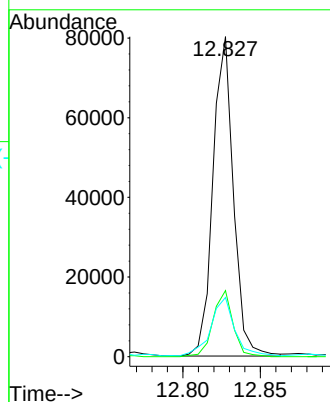
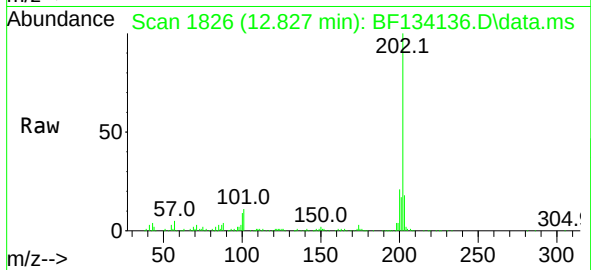
Tgt Ion:	202	Resp:	7352
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.1	24.1
203	18.5	14.3	21.5

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2023



#79

Terphenyl-d14

Concen: 53.554 ng

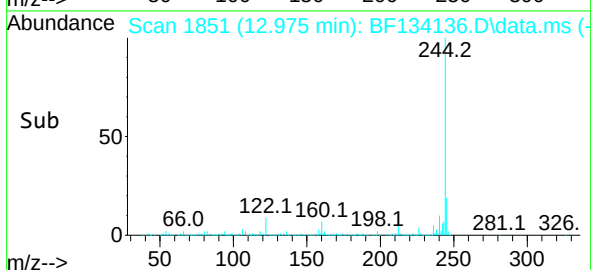
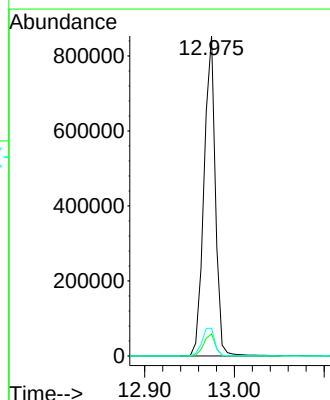
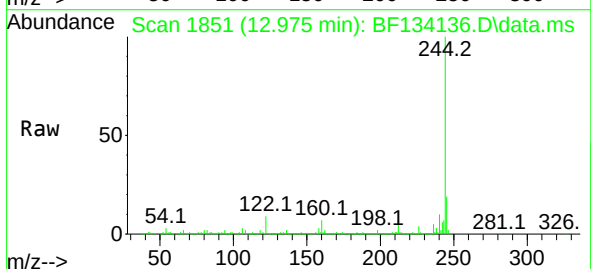
RT: 12.975 min Scan# 1851

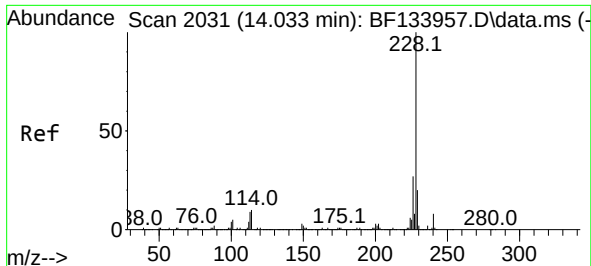
Delta R.T. -0.012 min

Lab File: BF134136.D

Acq: 07 Jul 2023 14:05

Tgt Ion:	244	Resp:	750059
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	8.7	8.3	12.5





#81
Benzo(a)anthracene
Concen: 2.821 ng
RT: 14.022 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Instrument :

BNA_F

ClientSampleId :

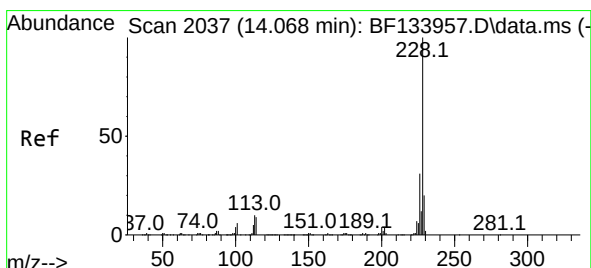
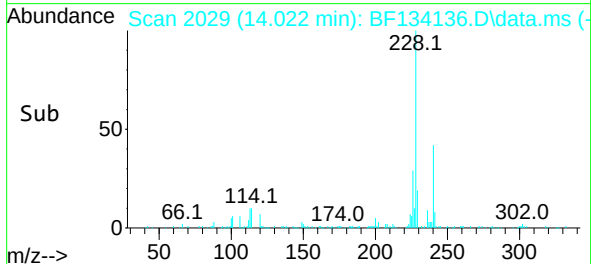
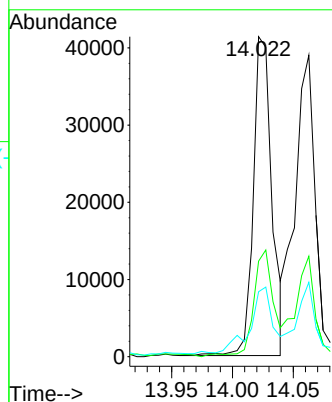
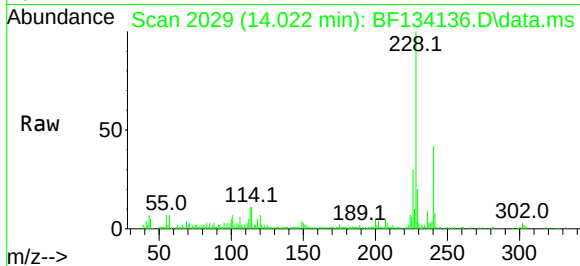
SF-10

Tgt Ion:228 Resp: 4410
Ion Ratio Lower Upper
228 100
226 29.9 22.0 33.0
229 20.3 16.3 24.5

Manual Integrations

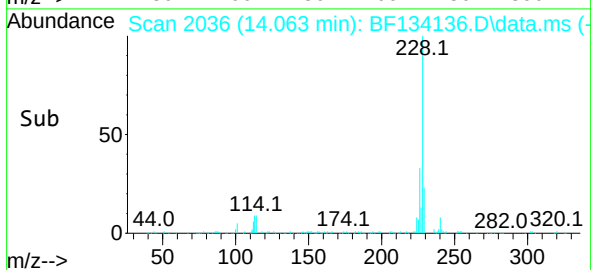
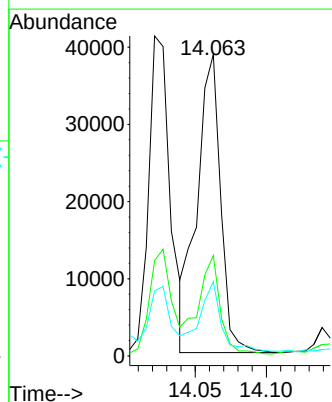
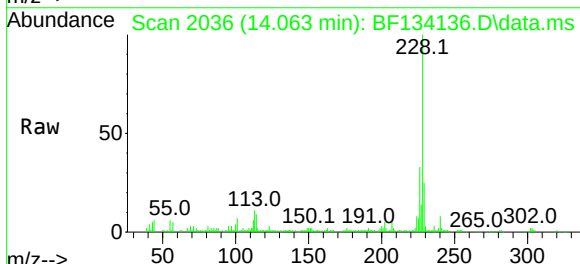
APPROVED

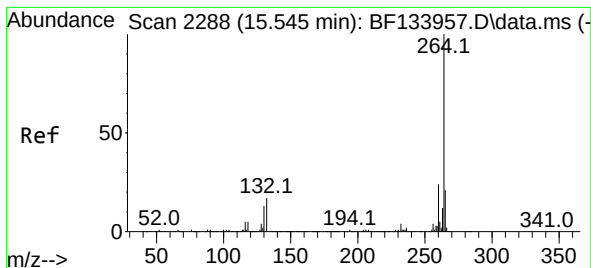
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#83
Chrysene
Concen: 2.944 ng m
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Tgt Ion:228 Resp: 44569
Ion Ratio Lower Upper
228 100
226 33.4 24.4 36.6
229 24.7 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2111

Delta R.T. -0.012 min

Lab File: BF134136.D

Acq: 07 Jul 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SF-10

Tgt Ion:264 Resp: 24425

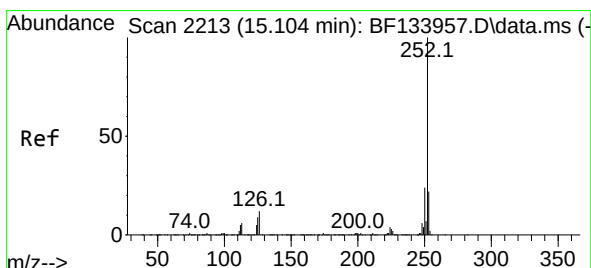
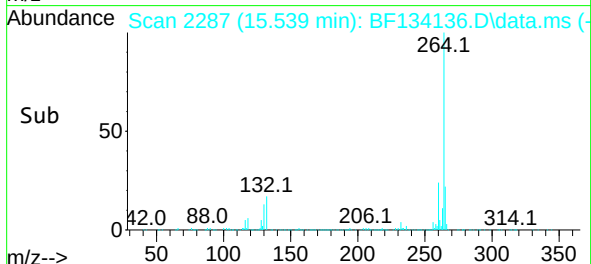
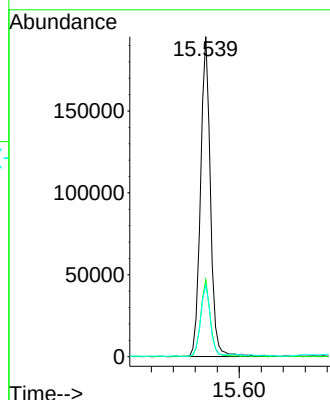
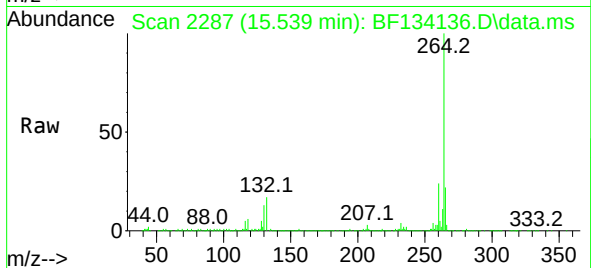
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#88

Benzo(b)fluoranthene

Concen: 4.154 ng m

RT: 15.092 min Scan# 2211

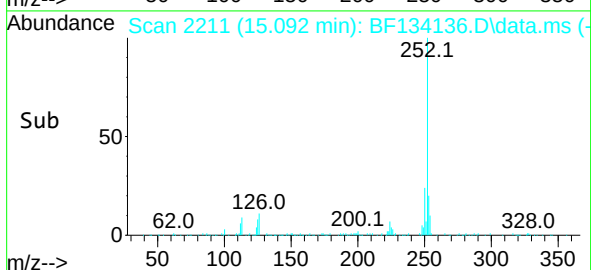
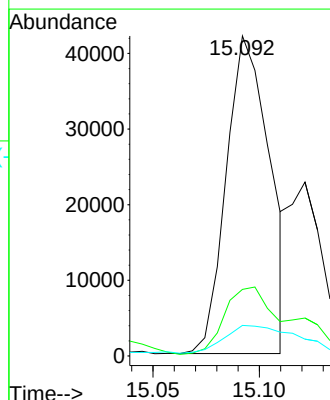
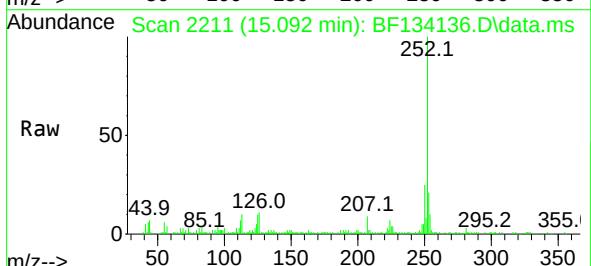
Delta R.T. -0.018 min

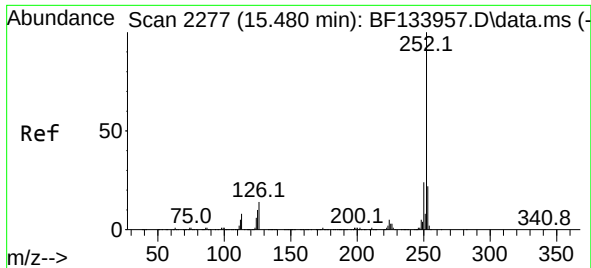
Lab File: BF134136.D

Acq: 07 Jul 2023 14:05

Tgt Ion:252 Resp: 59664

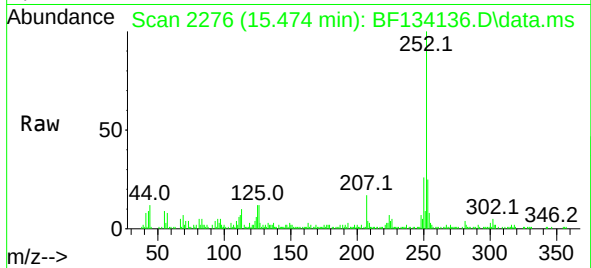
Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.0
125	9.6	7.1	10.7





#90
Benzo(a)pyrene
Concen: 2.538 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134136.D
Acq: 07 Jul 2023 14:05

Instrument :
BNA_F
ClientSampleId :
SF-10



Tgt Ion:252 Resp: 3524
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 11.6 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

