

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134138.D
 Acq On : 07 Jul 2023 15:15
 Operator : CG\JU
 Sample : 03392-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRY-3

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:04:48 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	6.845	152	104607	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	384198	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	165485	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	267419	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	217031	20.000	ng	-0.01
86) Perylene-d12	15.545	264	167817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	569314	91.039	ng	0.00
7) Phenol-d6	6.481	99	663548	86.280	ng	-0.01
23) Nitrobenzene-d5	7.404	82	457962	64.255	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	159575	76.909	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	797414	70.058	ng	-0.01
79) Terphenyl-d14	12.974	244	752956	55.836	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	82924	6.160	ng	97
74) Di-n-butylphthalate	11.939	149	35595	2.335	ng	97
75) Fluoranthene	12.598	202	263188	18.084	ng	98
78) Pyrene	12.827	202	239072	11.837	ng	99
81) Benzo(a)anthracene	14.027	228	132308	8.790	ng	96
83) Chrysene	14.063	228	136857m	9.388	ng	
87) Indeno(1,2,3-cd)pyrene	17.086	276	54479	4.678	ng	# 95
88) Benzo(b)fluoranthene	15.098	252	148977m	15.097	ng	
89) Benzo(k)fluoranthene	15.127	252	55982m	5.572	ng	
90) Benzo(a)pyrene	15.480	252	96851	10.150	ng	# 96
92) Benzo(g,h,i)perylene	17.562	276	62985	6.421	ng	99

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

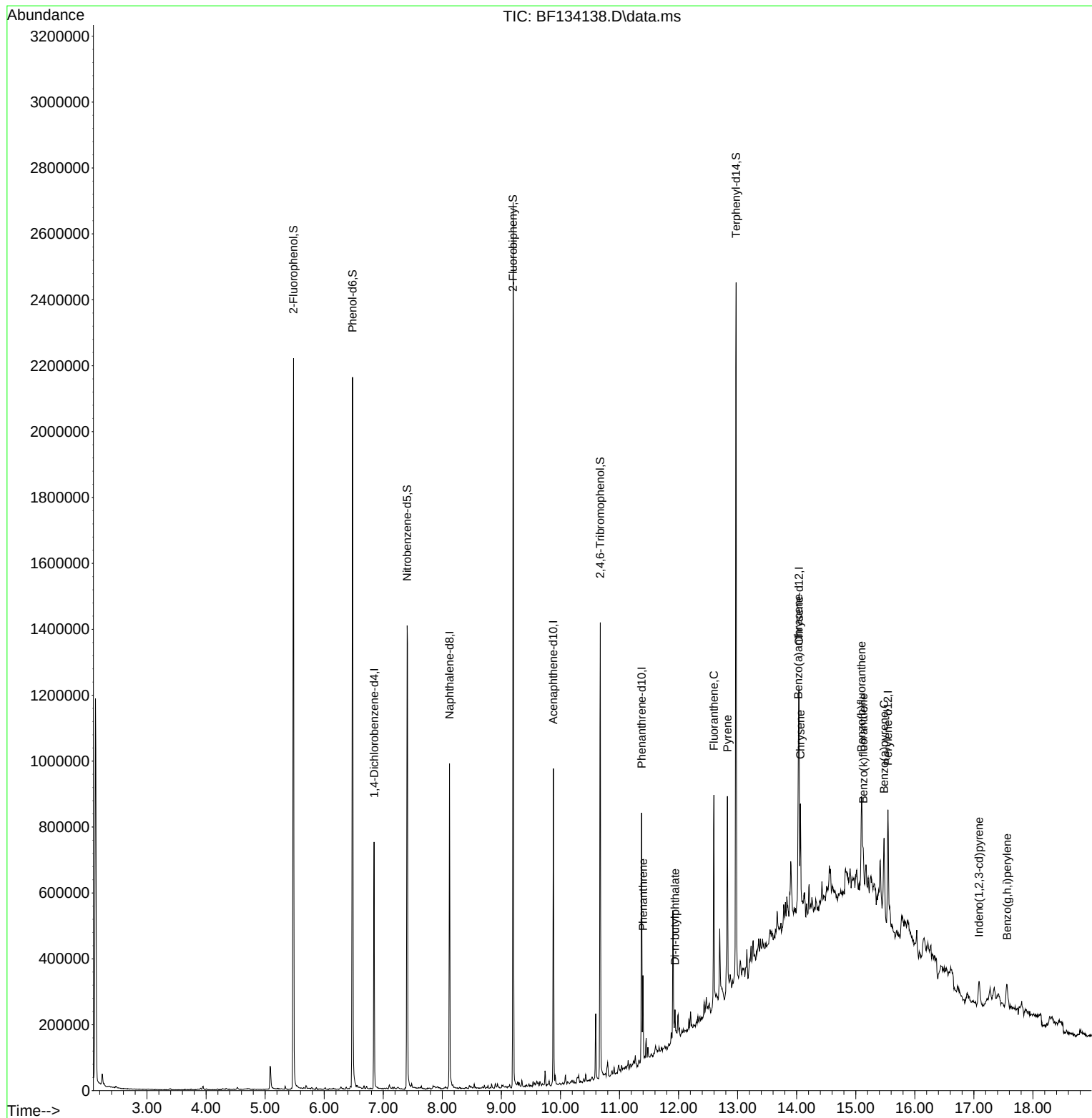
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134138.D
Acq On : 07 Jul 2023 15:15
Operator : CG\JU
Sample : 03392-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

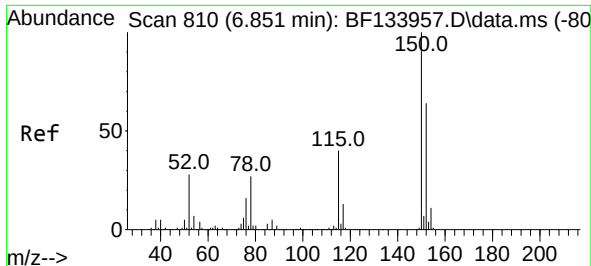
Instrument :
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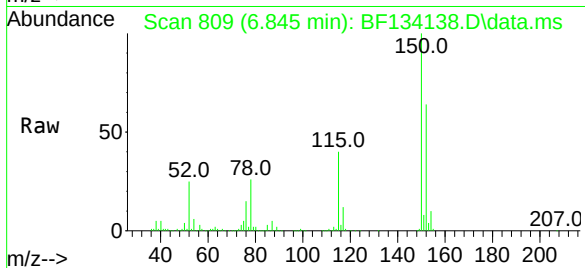
Quant Time: Jul 07 23:04:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

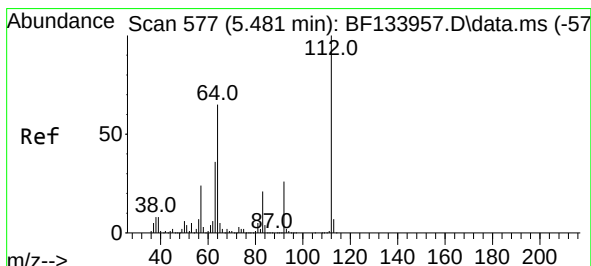
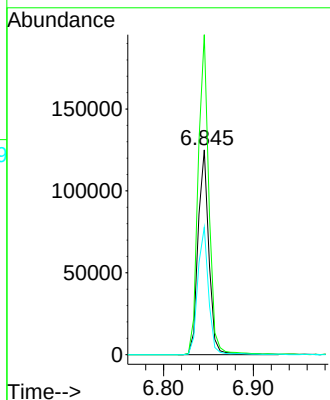
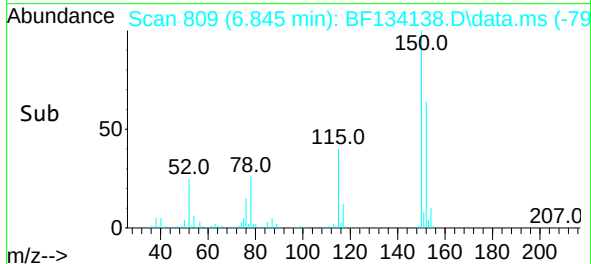
Instrument :
BNA_F
ClientSampleId :
SRY-3



Tgt Ion:152 Resp: 10460
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 62.2 50.2 75.2

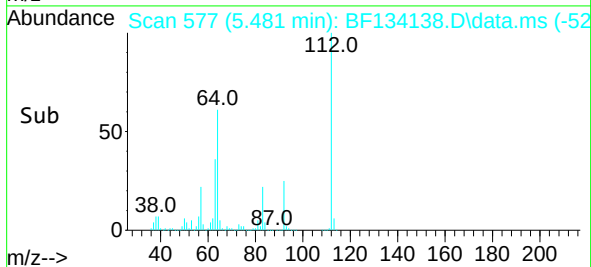
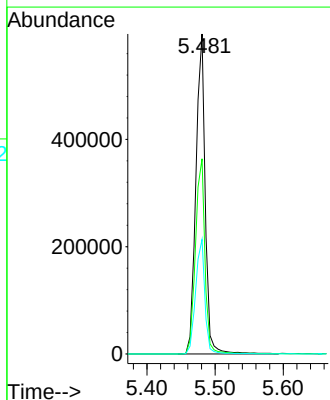
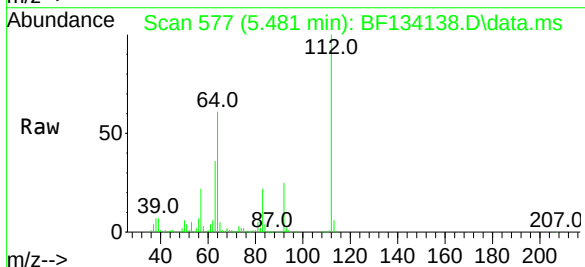
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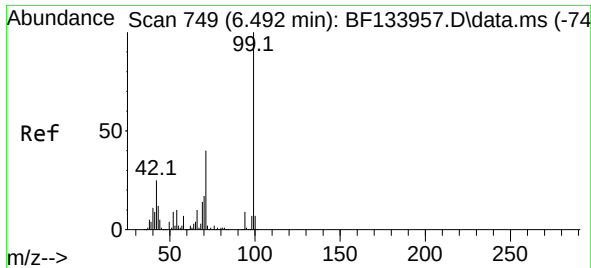
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#5
2-Fluorophenol
Concen: 91.039 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

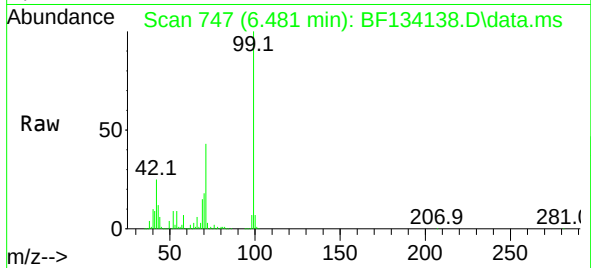
Tgt Ion:112 Resp: 569314
Ion Ratio Lower Upper
112 100
64 61.0 52.1 78.1
63 35.8 28.6 42.8





#7
Phenol-d6
Concen: 86.280 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

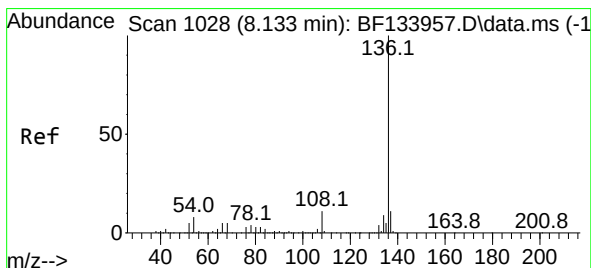
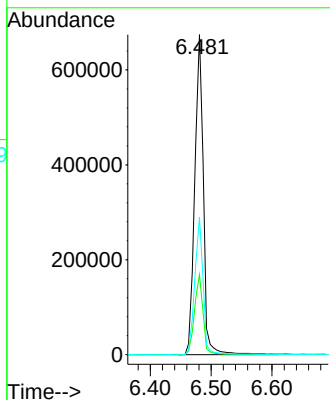
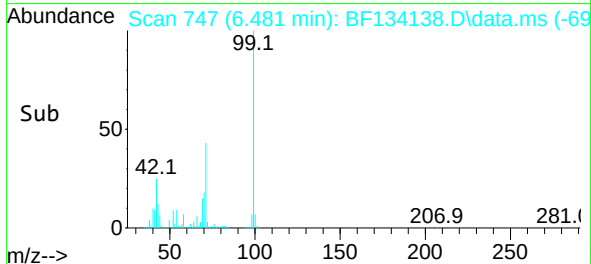
Instrument :
BNA_F
ClientSampleId :
SRY-3



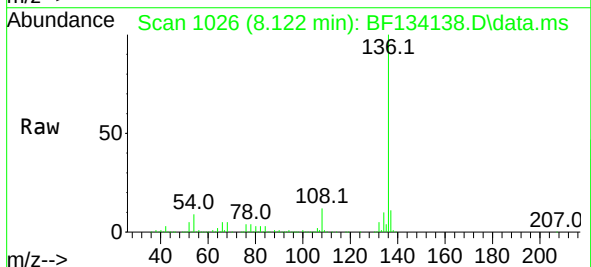
Tgt Ion: 99 Resp: 663548
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.9 31.9 47.9

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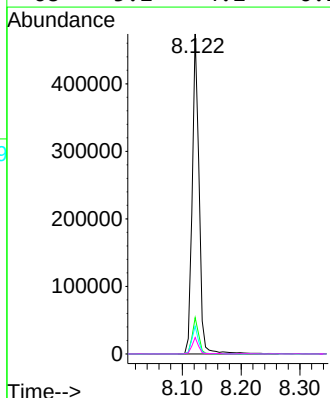
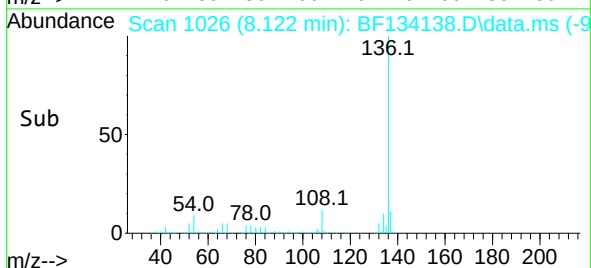
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

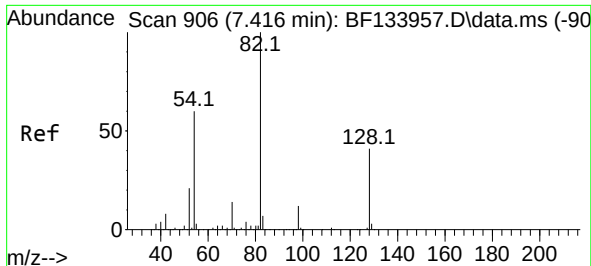


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15



Tgt Ion:136 Resp: 384198
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.7 6.5 9.7
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 64.255 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SRY-3

Tgt Ion: 82 Resp: 457962

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

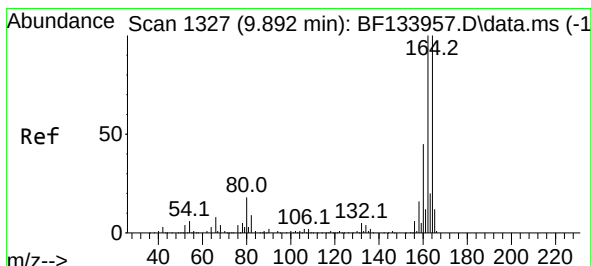
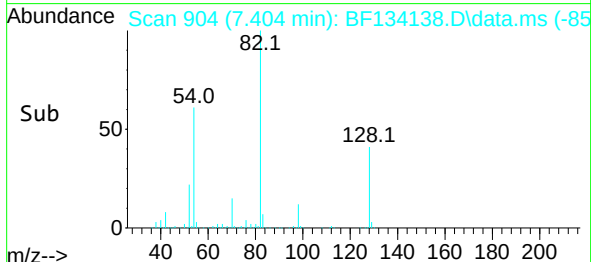
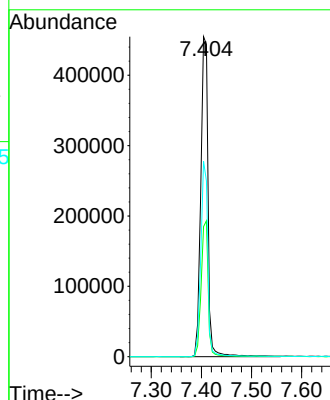
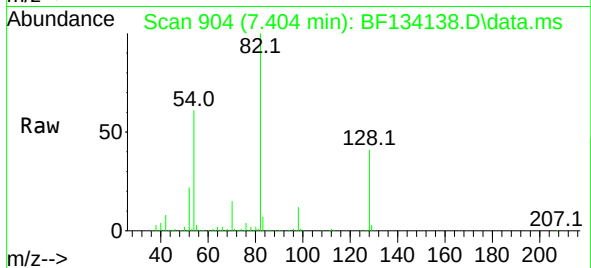
54 61.1 48.2 72.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

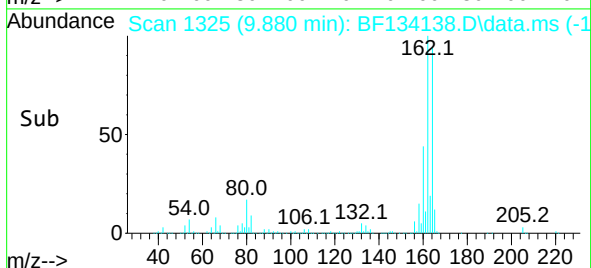
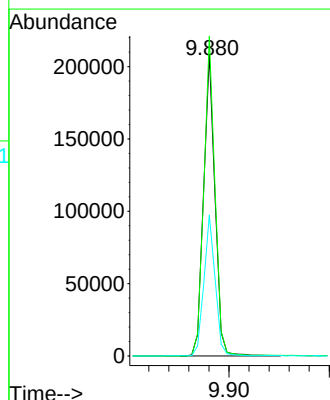
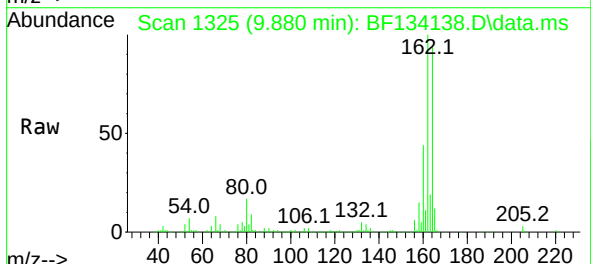
Tgt Ion:164 Resp: 165485

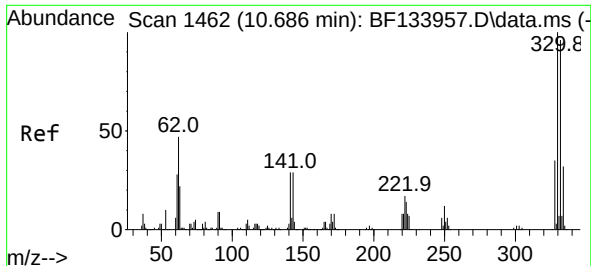
Ion Ratio Lower Upper

164 100

162 106.2 80.0 120.0

160 46.8 35.9 53.9





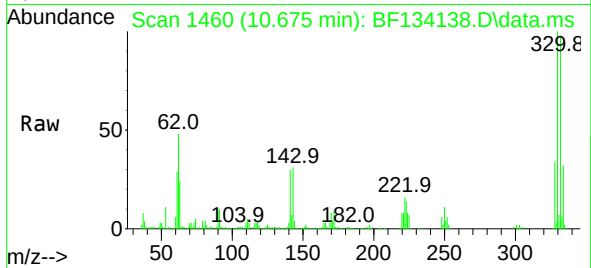
#42
2,4,6-Tribromophenol
Concen: 76.909 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SRY-3



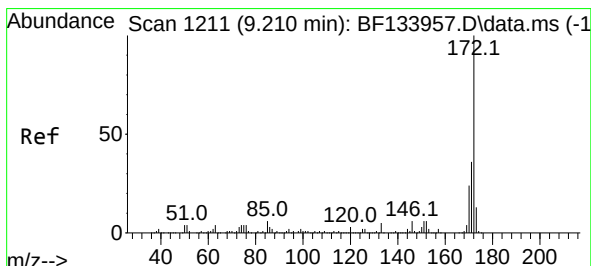
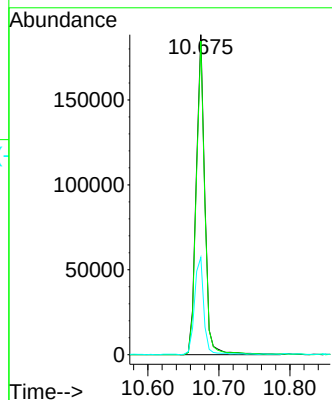
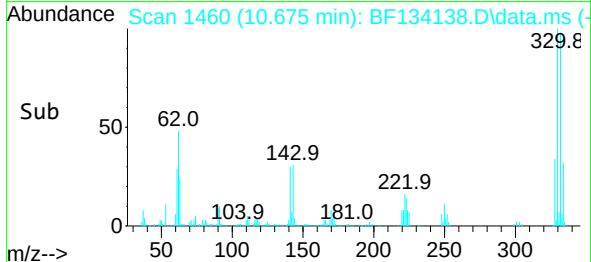
Tgt Ion:330 Resp: 159574
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.4 26.3 39.5

Manual Integrations

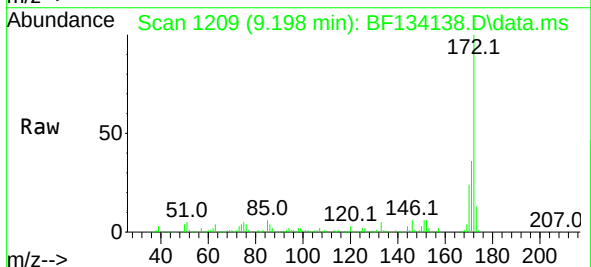
APPROVED

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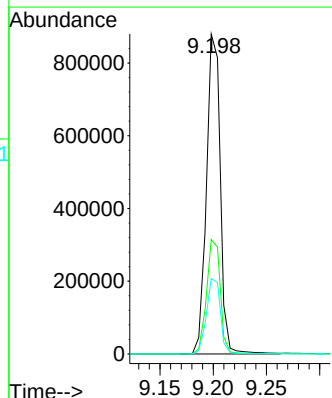
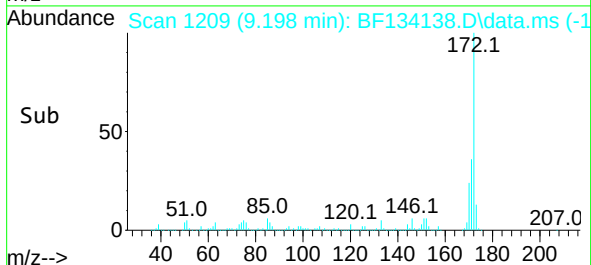
Supervised By :mohammad ahmed 07/09/2023

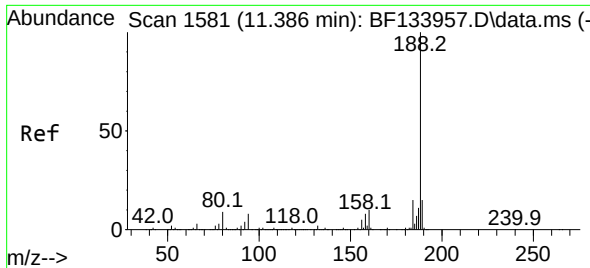


#45
2-Fluorobiphenyl
Concen: 70.058 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15



Tgt Ion:172 Resp: 797414
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.4 29.0





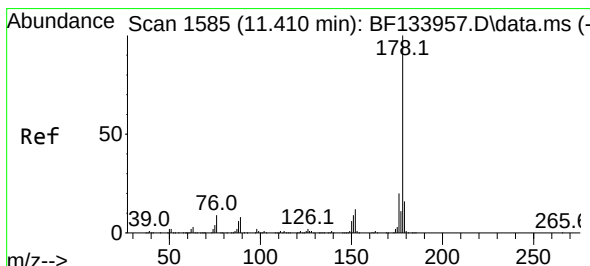
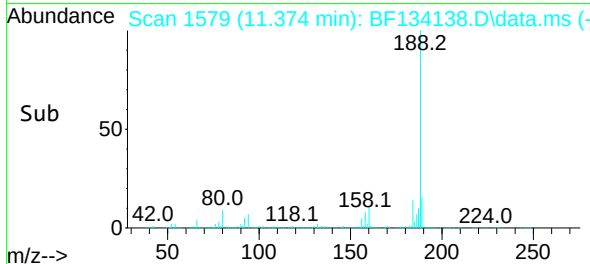
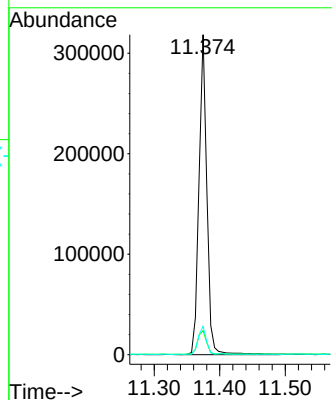
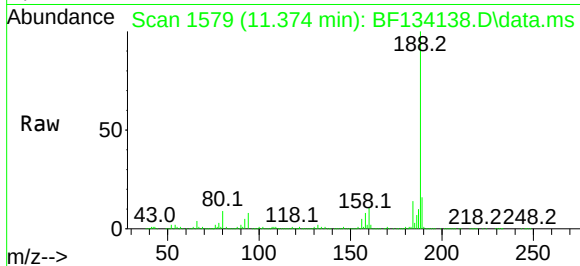
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SRY-3

Tgt Ion:188 Resp: 267419
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.8 7.3 10.9

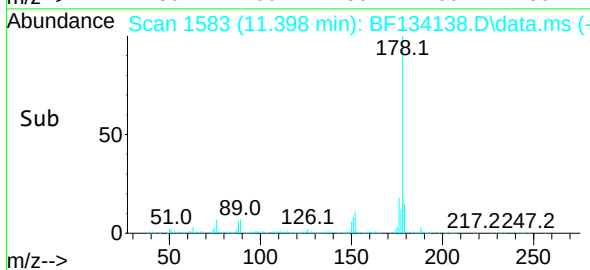
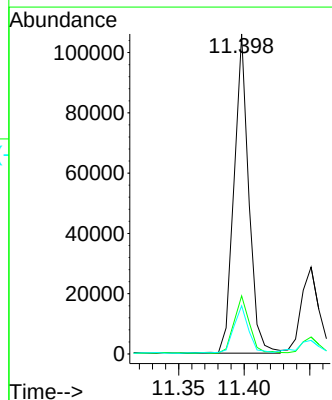
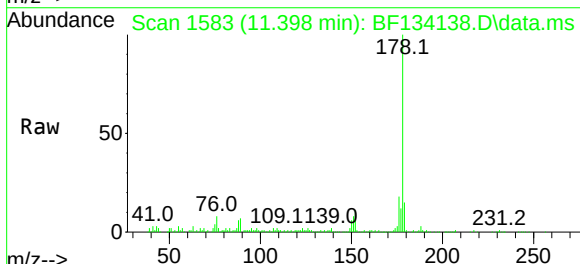
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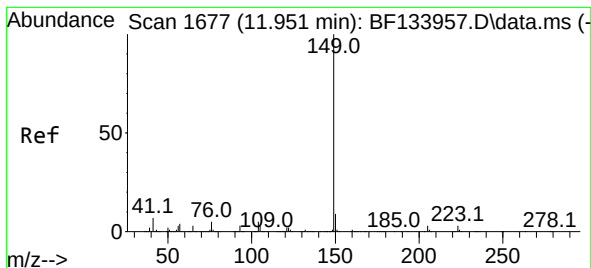
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#71
Phenanthrene
Concen: 6.160 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

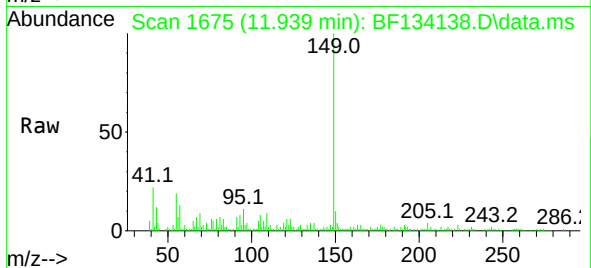
Tgt Ion:178 Resp: 82924
Ion Ratio Lower Upper
178 100
176 18.2 16.0 24.0
179 15.0 12.4 18.6





#74
Di-n-butylphthalate
Concen: 2.335 ng
RT: 11.939 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

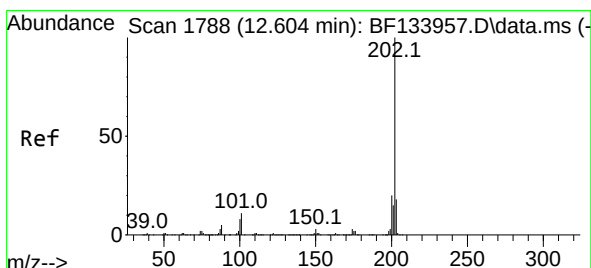
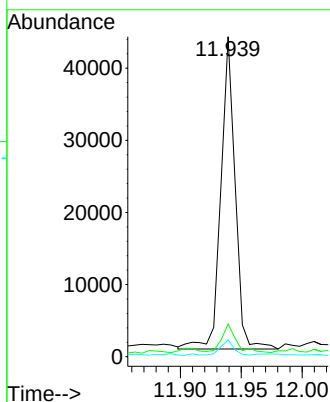
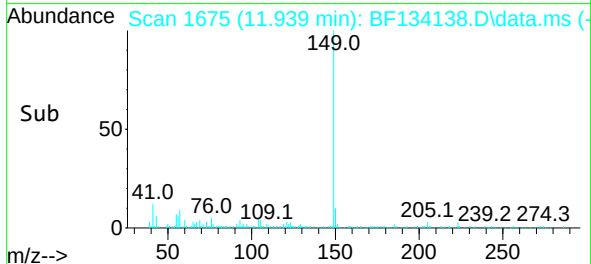
Instrument :
BNA_F
ClientSampleId :
SRY-3



Tgt Ion:149 Resp: 3559
Ion Ratio Lower Upper
149 100
150 10.2 7.1 10.7
104 5.2 4.0 6.0

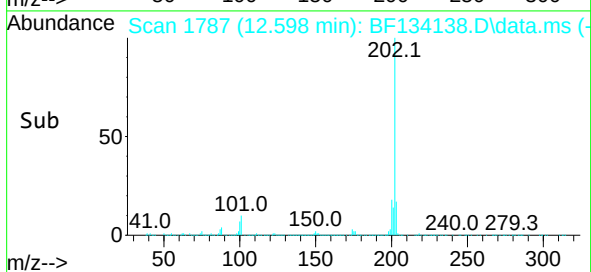
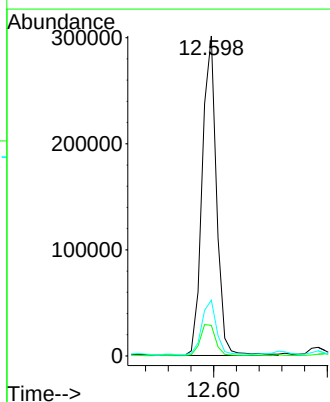
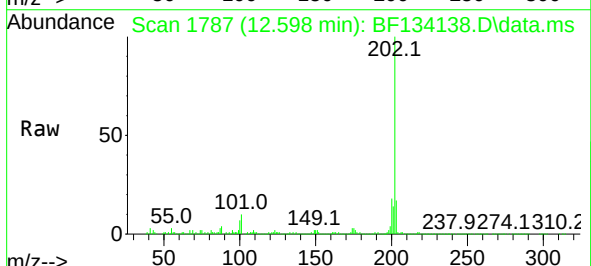
Manual Integrations
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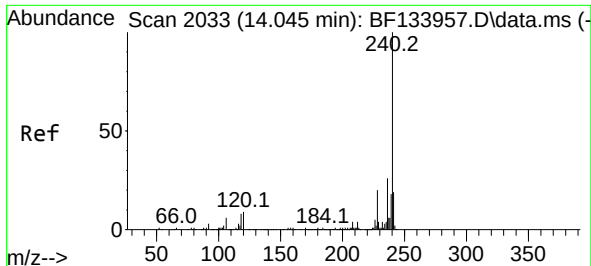
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#75
Fluoranthene
Concen: 18.084 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Tgt Ion:202 Resp: 263188
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.0
203 17.4 0.0 37.6





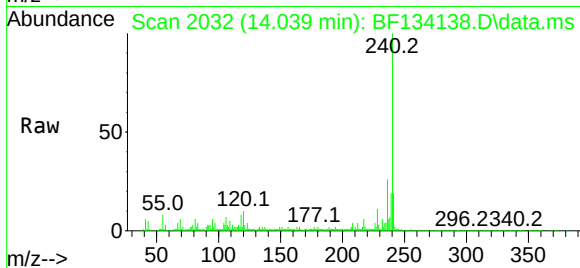
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SRY-3



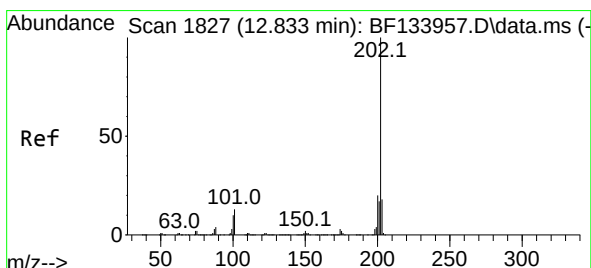
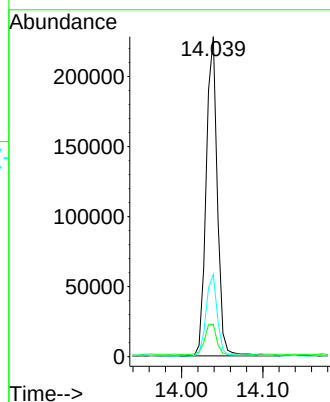
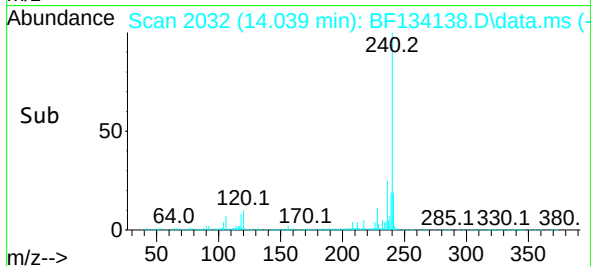
Tgt Ion:240 Resp: 217033
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 25.7 21.0 31.6

Manual Integrations

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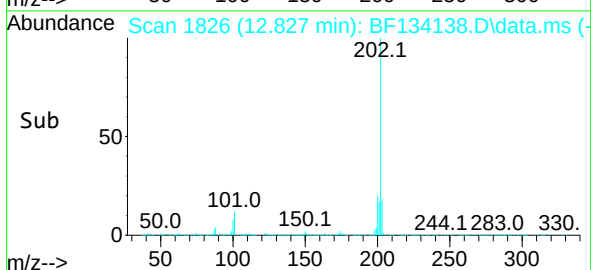
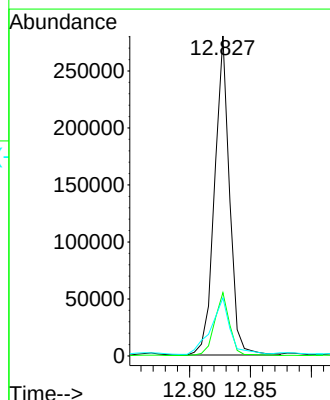
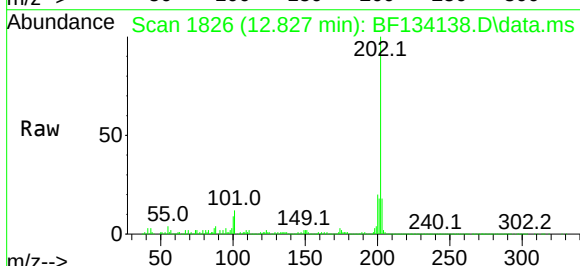
Reviewed By :Yogesh Patel 07/09/2023

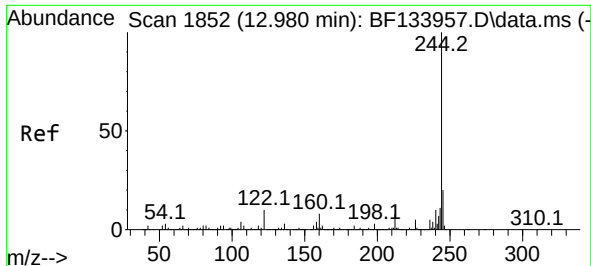
Supervised By :mohammad ahmed 07/09/2023



#78
Pyrene
Concen: 11.837 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Tgt Ion:202 Resp: 239072
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 18.2 14.3 21.5





#79
 Terphenyl-d14
 Concen: 55.836 ng
 RT: 12.974 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF134138.D
 Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

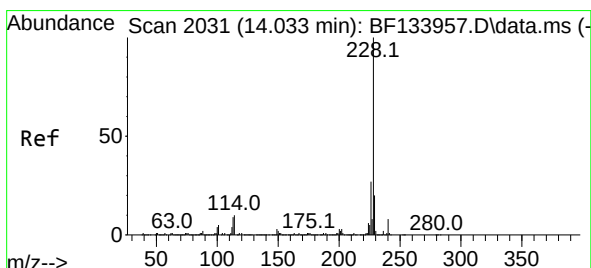
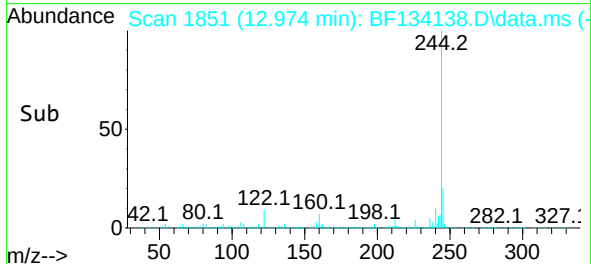
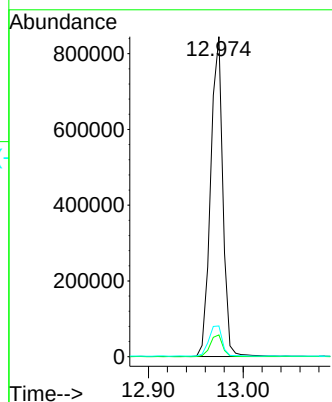
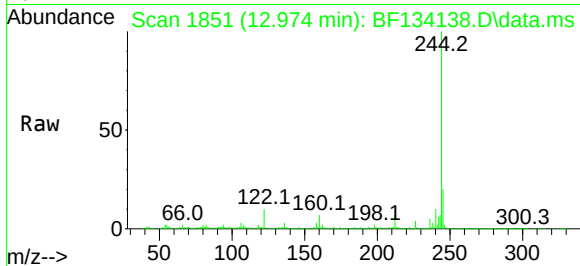
SRY-3

Tgt Ion:244 Resp: 752950
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.6 8.3 12.5

Manual Integrations

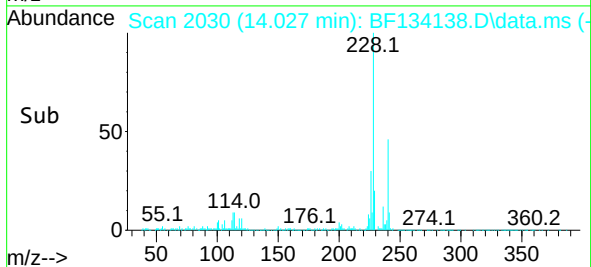
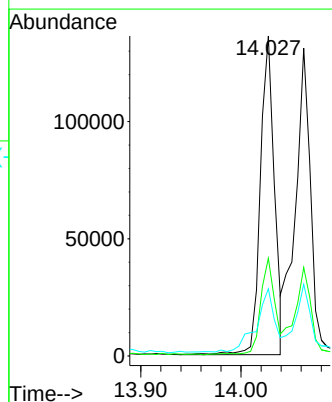
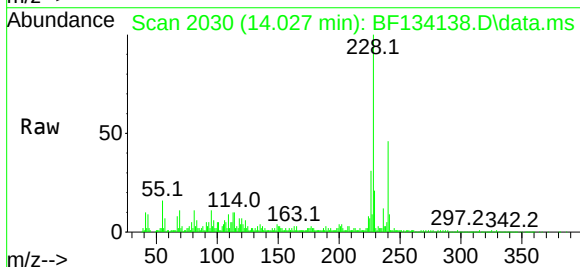
APPROVED

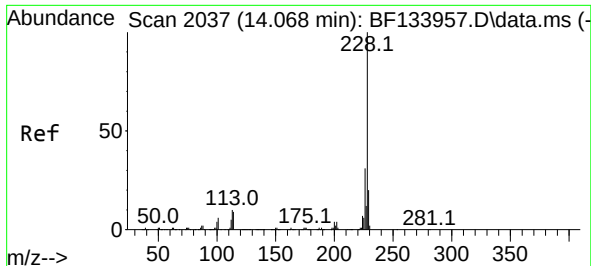
Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023



#81
 Benzo(a)anthracene
 Concen: 8.790 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.012 min
 Lab File: BF134138.D
 Acq: 07 Jul 2023 15:15

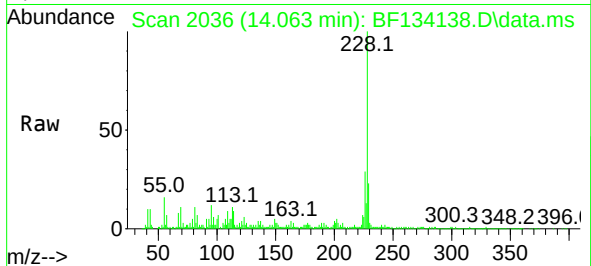
Tgt Ion:228 Resp: 132308
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.0 33.0
 229 21.0 16.3 24.5





#83
Chrysene
Concen: 9.388 ng m
RT: 14.063 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

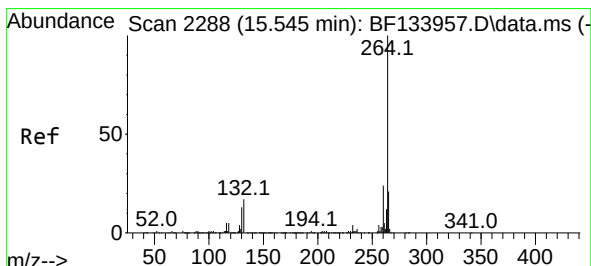
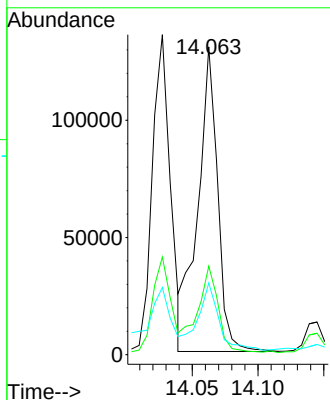
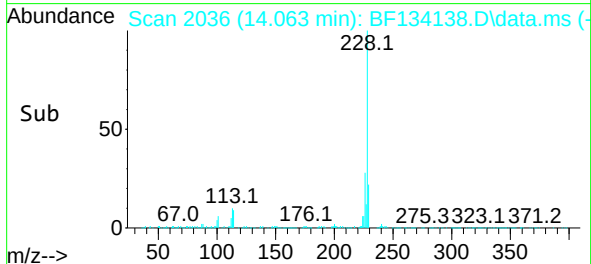
Instrument :
BNA_F
ClientSampleId :
SRY-3



Tgt Ion:228 Resp: 13685
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 23.3 16.1 24.1

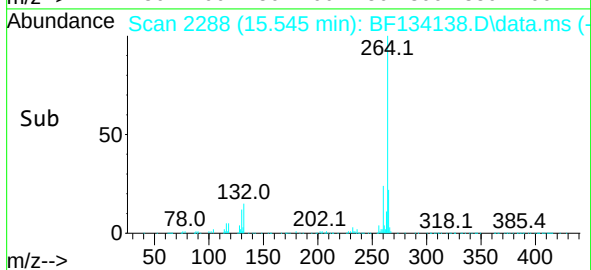
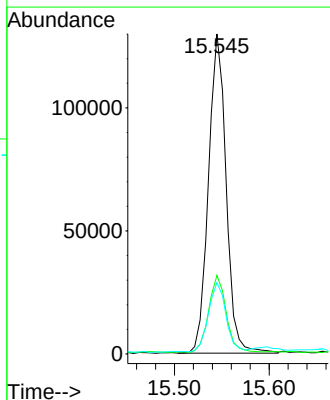
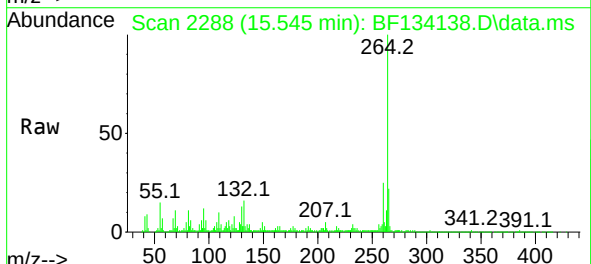
Manual Integrations
APPROVED

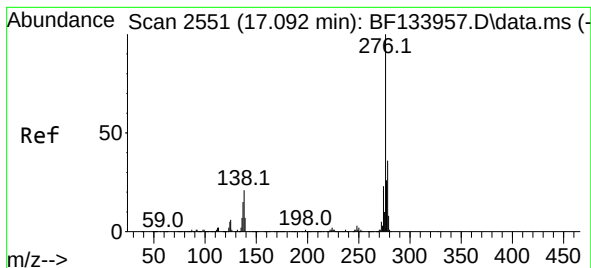
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134138.D
Acq: 07 Jul 2023 15:15

Tgt Ion:264 Resp: 167817
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.678 ng

RT: 17.086 min Scan# 211

Delta R.T. -0.024 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SRY-3

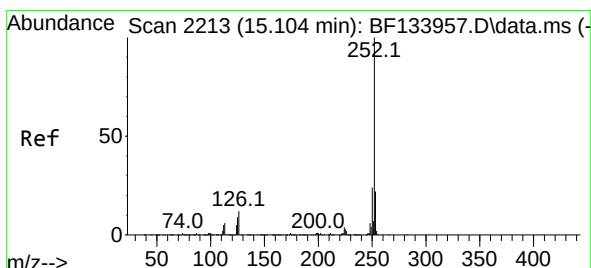
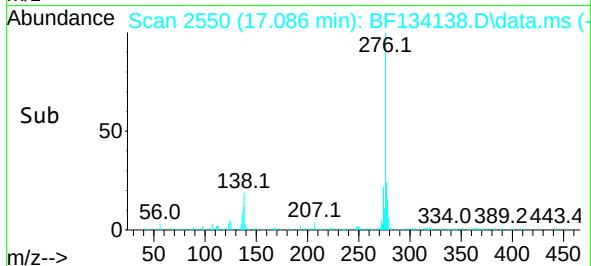
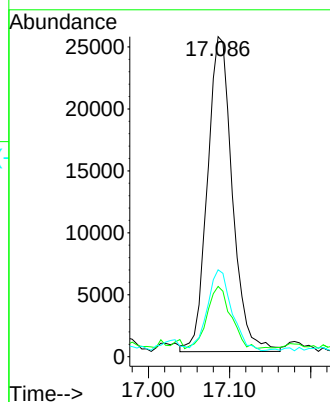
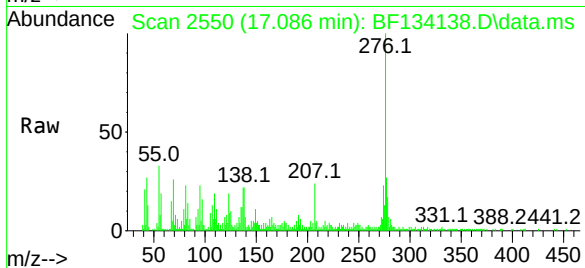
Tgt Ion:276 Resp: 54479
 Ion Ratio Lower Upper
 276 100
 138 18.7 18.7 28.1
 277 24.6 19.9 29.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#88

Benzo(b)fluoranthene

Concen: 15.097 ng m

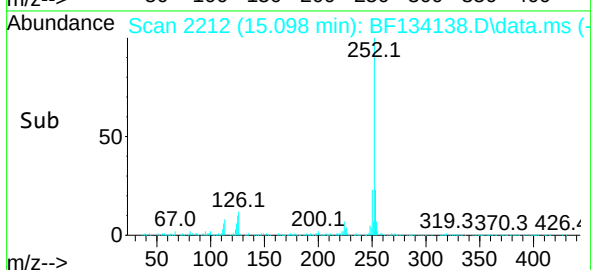
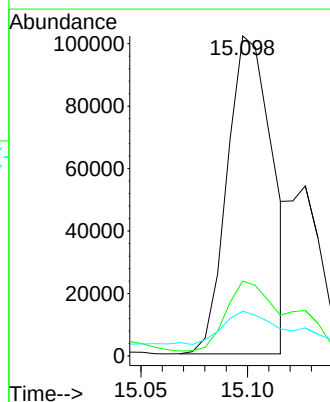
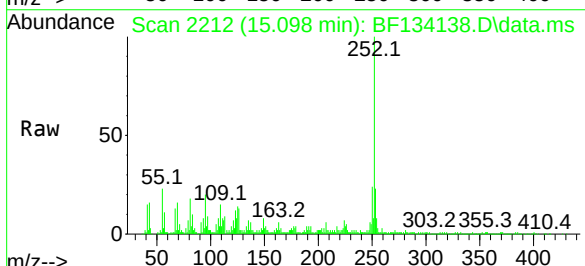
RT: 15.098 min Scan# 2212

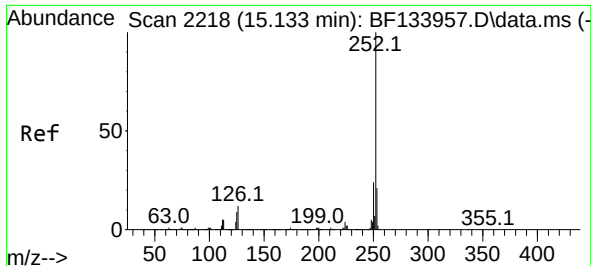
Delta R.T. -0.012 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

Tgt Ion:252 Resp: 148977
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.4 26.0
 125 14.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 5.572 ng m

RT: 15.127 min Scan# 2218

Delta R.T. -0.012 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SRY-3

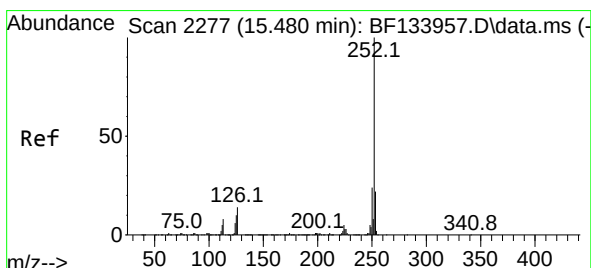
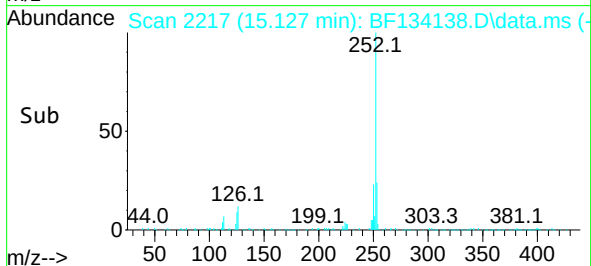
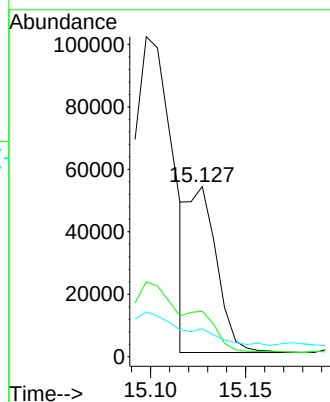
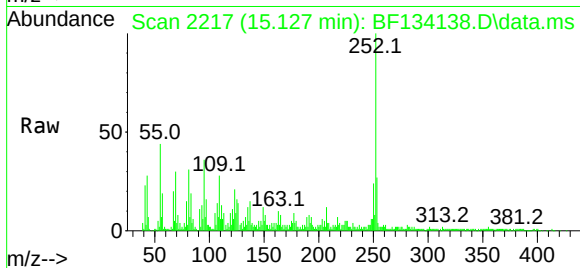
Tgt Ion:252 Resp: 55982
 Ion Ratio Lower Upper
 252 100
 253 26.7 16.9 25.3
 125 16.5 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 10.150 ng

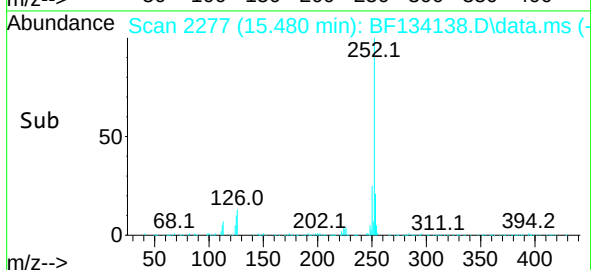
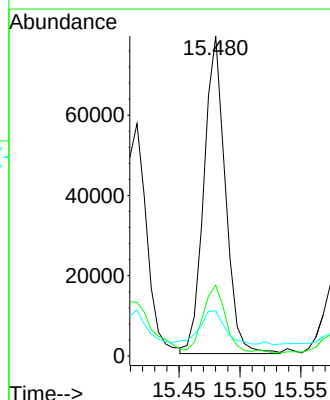
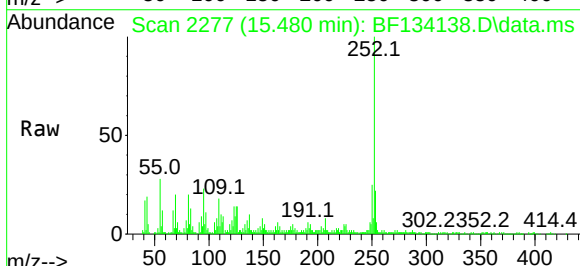
RT: 15.480 min Scan# 2277

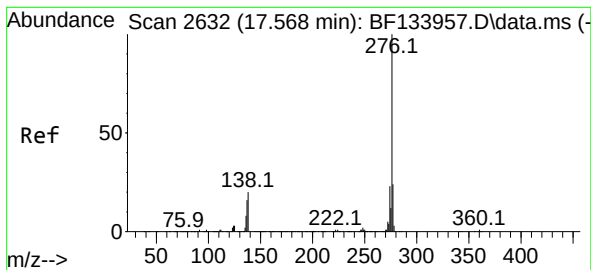
Delta R.T. -0.012 min

Lab File: BF134138.D

Acq: 07 Jul 2023 15:15

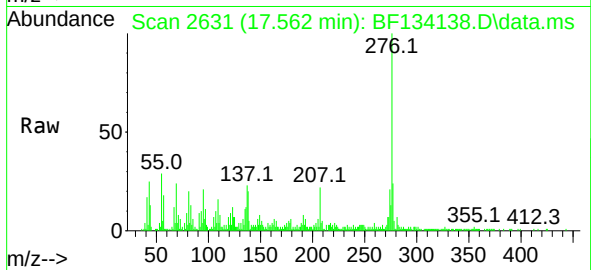
Tgt Ion:252 Resp: 96851
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 14.1 8.4 12.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.421 ng
 RT: 17.562 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF134138.D
 Acq: 07 Jul 2023 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SRY-3



Tgt Ion: 276 Resp: 6298

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.2	16.2	24.2

Manual Integrations
 APPROVED

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

