

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138177.D
 Acq On : 10 Jun 2024 17:38
 Operator : CG\JU
 Sample : P2795-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-(0-5)-COMP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 18:09:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	411428	20.000	ng	-0.02
21) Naphthalene-d8	8.175	136	1584123	20.000	ng	-0.02
39) Acenaphthene-d10	9.927	164	847329	20.000	ng	-0.02
64) Phenanthrene-d10	11.416	188	1370433	20.000	ng	#-0.02
76) Chrysene-d12	14.051	240	754087	20.000	ng	-0.02
86) Perylene-d12	15.527	264	832775	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1869343	77.433	ng	-0.01
7) Phenol-d6	6.516	99	2404279	78.714	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1300227	55.844	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	582148	71.390	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	2655655	54.802	ng	-0.02
79) Terphenyl-d14	13.004	244	2313468	45.888	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	327006	4.957	ng	95
75) Fluoranthene	12.633	202	410718	5.770	ng	96
78) Pyrene	12.857	202	330801	4.851	ng	94
81) Benzo(a)anthracene	14.039	228	154629	3.250	ng	99
83) Chrysene	14.074	228	140780	3.083	ng	98
88) Benzo(b)fluoranthene	15.092	252	174610m	3.335	ng	
90) Benzo(a)pyrene	15.462	252	118725	2.994	ng	99

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

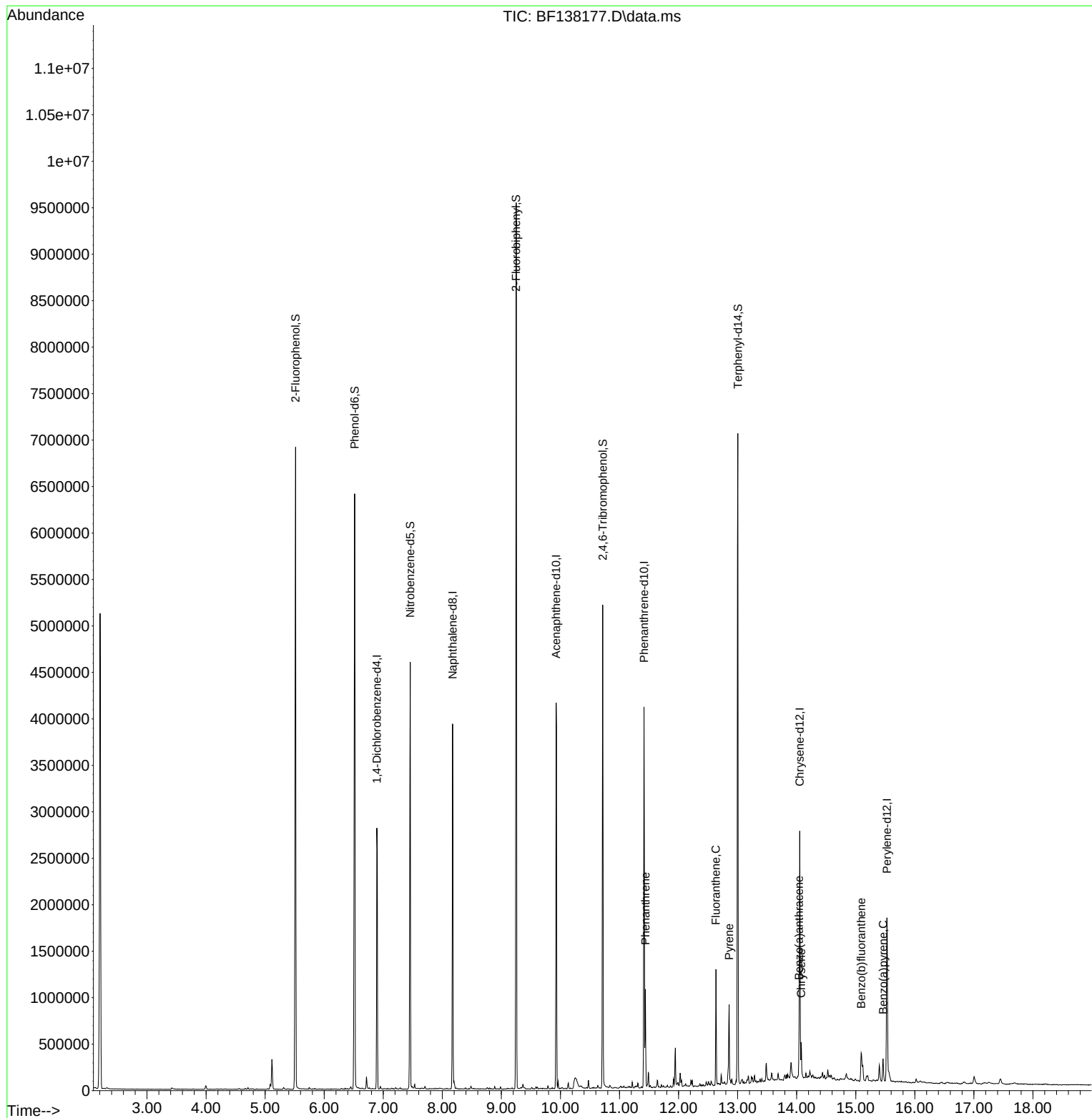
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
Data File : BF138177.D
Acq On : 10 Jun 2024 17:38
Operator : CG\JU
Sample : P2795-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

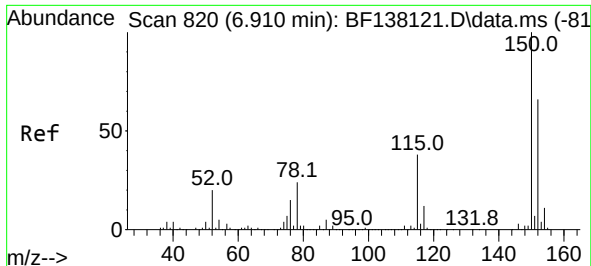
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

Quant Time: Jun 10 18:09:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
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Manual Integrations
APPROVED

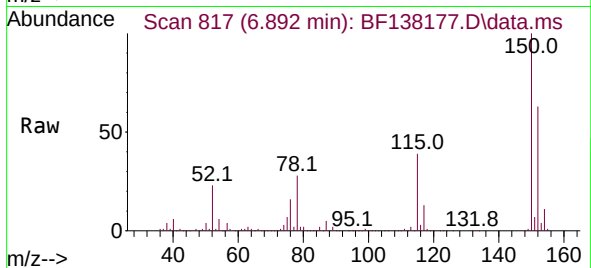
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

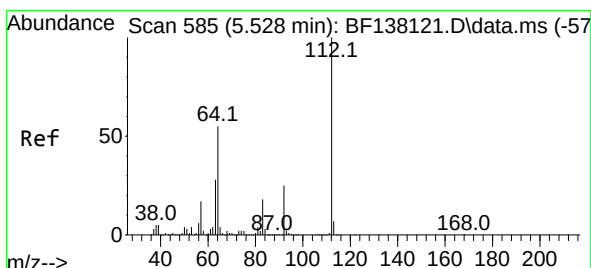
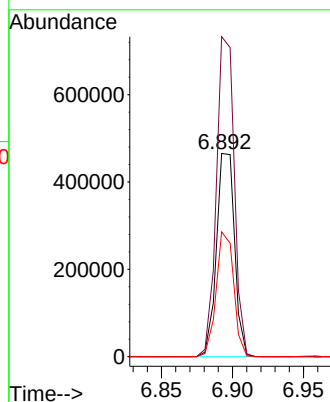
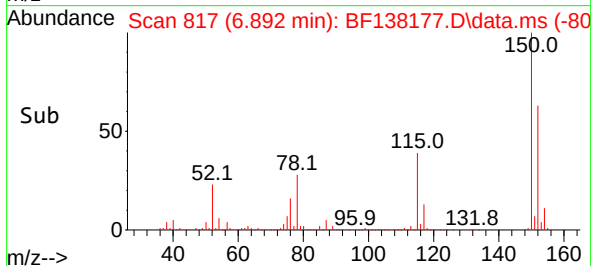
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



Tgt Ion:152 Resp: 411428
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.6
115 61.4 46.2 69.2

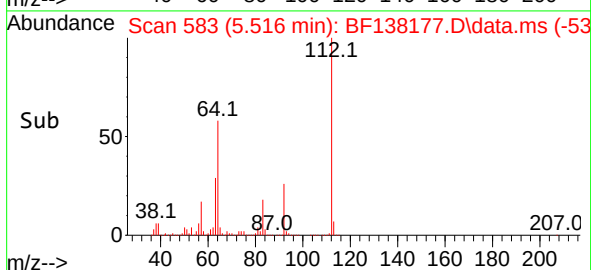
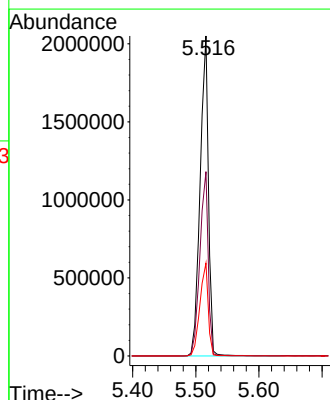
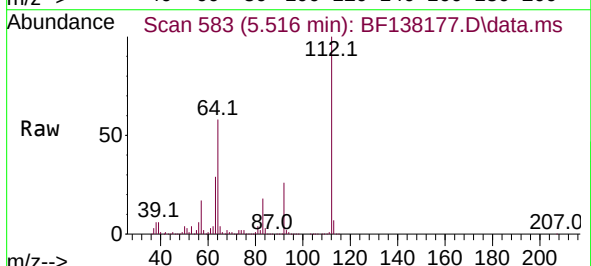
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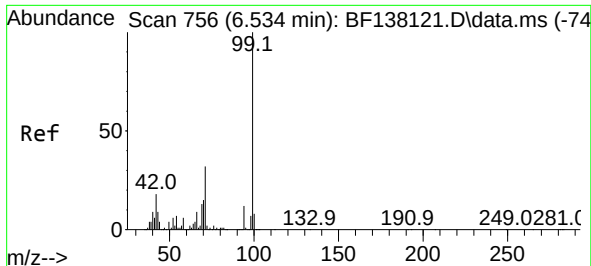
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#5
2-Fluorophenol
Concen: 77.433 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

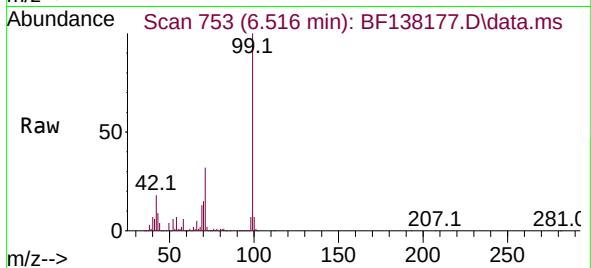
Tgt Ion:112 Resp: 1869343
Ion Ratio Lower Upper
112 100
64 57.6 44.0 66.0
63 29.0 22.1 33.1





#7
Phenol-d6
Concen: 78.714 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

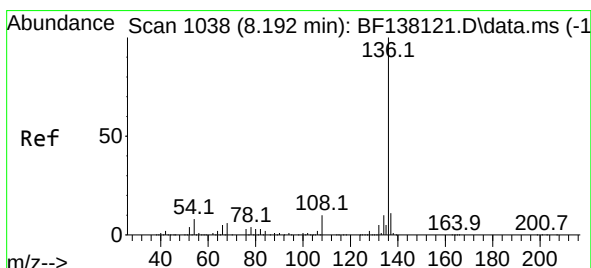
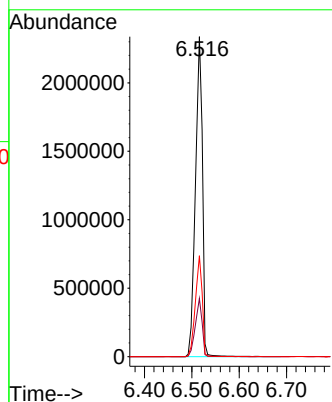
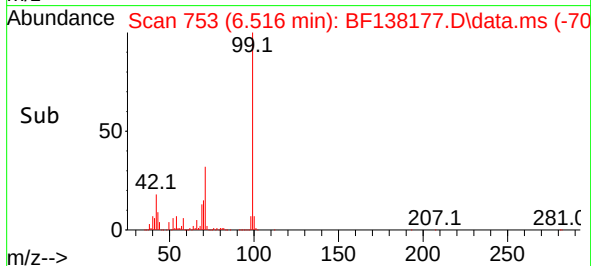
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



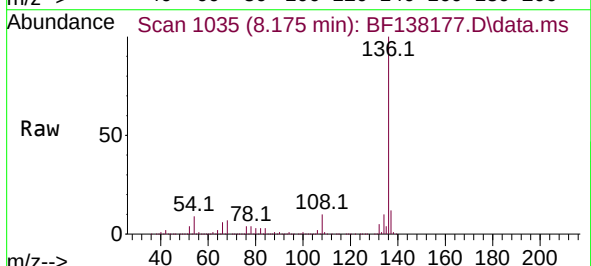
Tgt Ion: 99 Resp: 2404279
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 31.5 25.5 38.3

Manual Integrations
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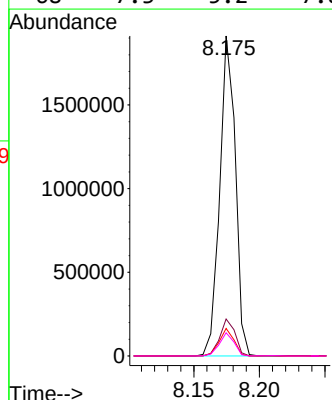
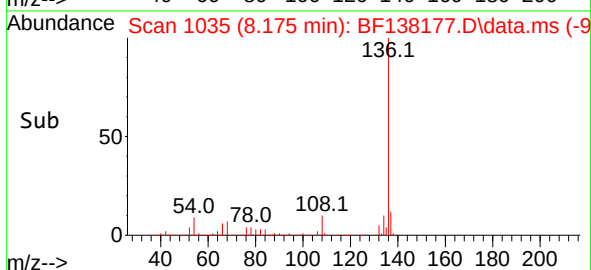
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

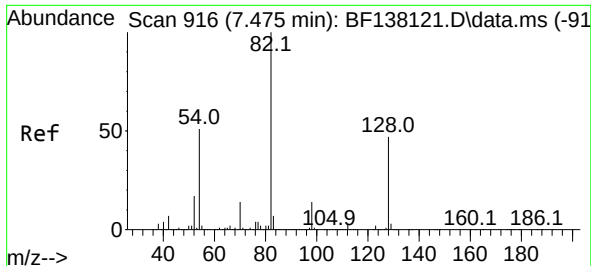


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38



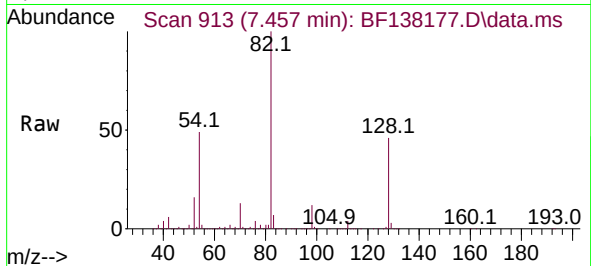
Tgt Ion:136 Resp: 1584123
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.6 6.2 9.2
68 7.3 5.2 7.8





#23
Nitrobenzene-d5
Concen: 55.844 ng
RT: 7.457 min Scan# 916
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

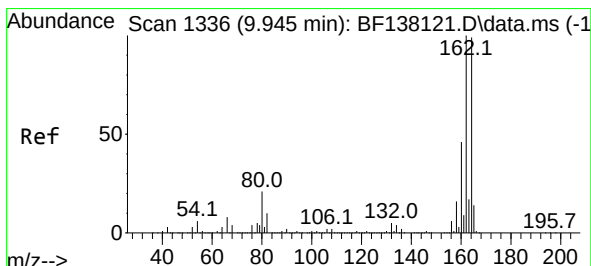
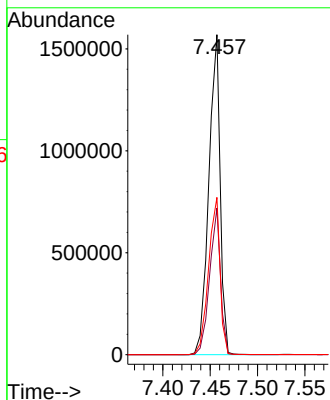
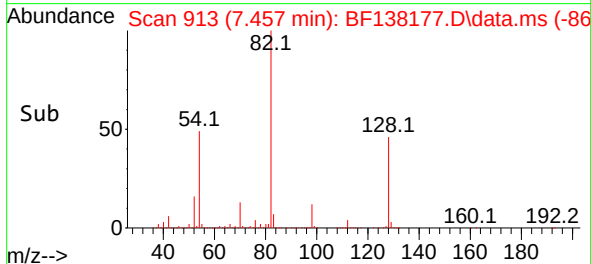
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



Tgt Ion: 82 Resp: 130022
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 49.1 40.8 61.2

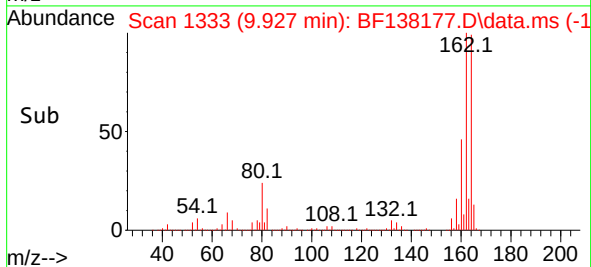
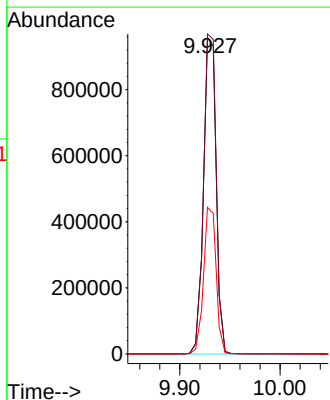
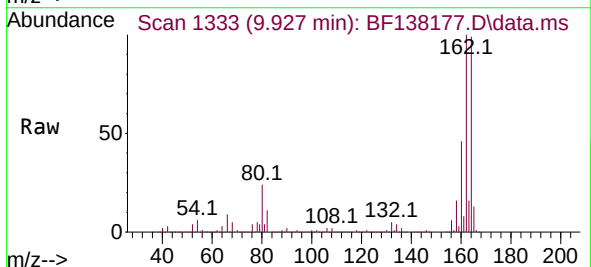
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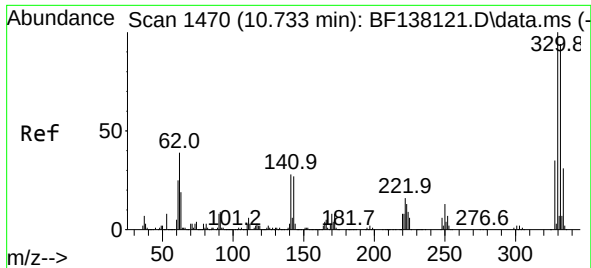
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

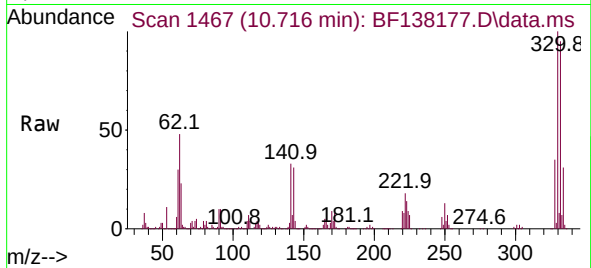
Tgt Ion:164 Resp: 847329
Ion Ratio Lower Upper
164 100
162 101.2 80.9 121.3
160 46.4 37.0 55.6





#42
2,4,6-Tribromophenol
Concen: 71.390 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.017 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

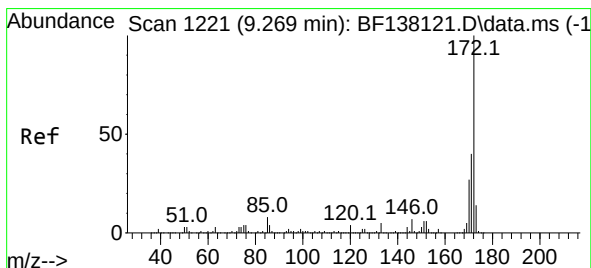
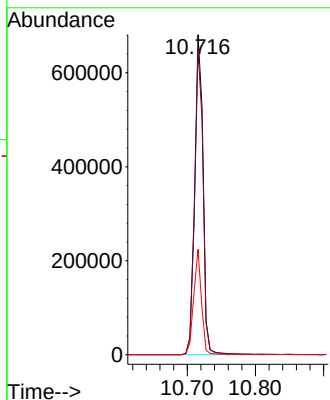
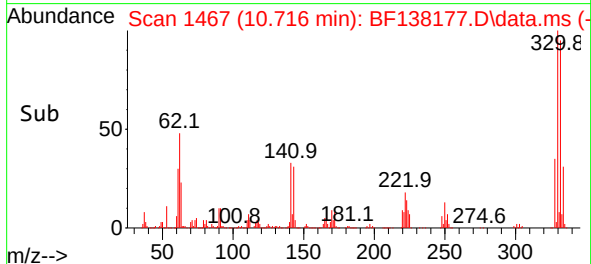
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



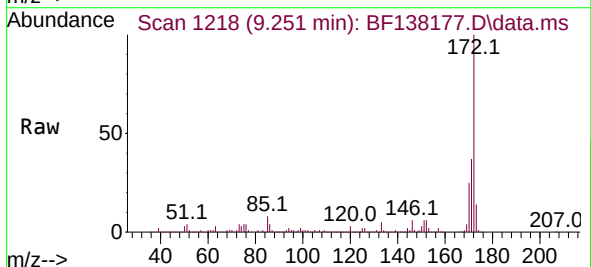
Tgt Ion: 330 Resp: 582148
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.8
141 30.5 23.2 34.8

Manual Integrations
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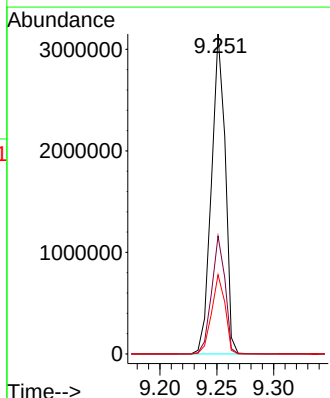
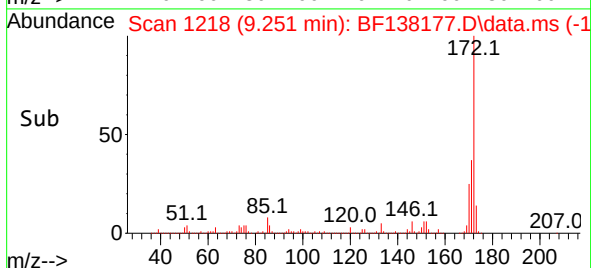
Reviewed By : Jagrut Upadhyay 06/11/2024
Supervised By : mohammad ahmed 06/13/2024

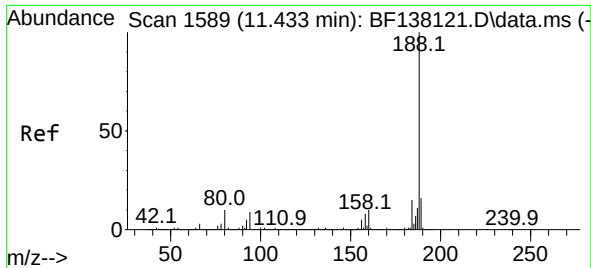


#45
2-Fluorobiphenyl
Concen: 54.802 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38



Tgt Ion: 172 Resp: 2655655
Ion Ratio Lower Upper
172 100
171 36.8 31.6 47.4
170 24.7 21.4 32.2





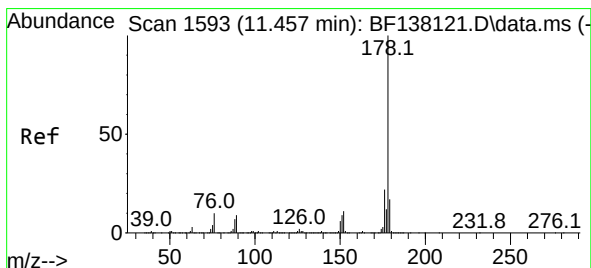
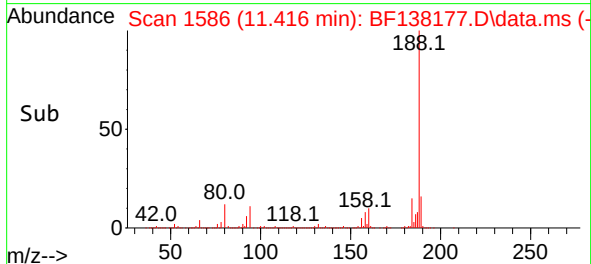
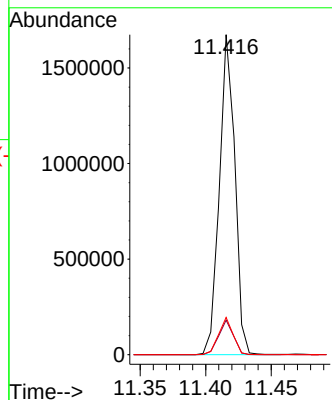
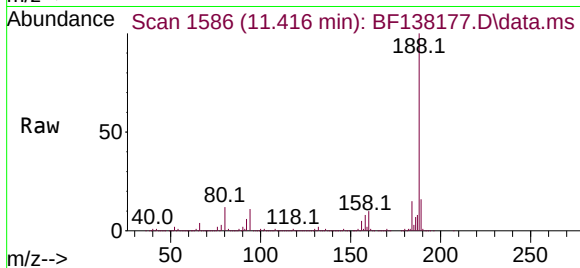
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

Tgt Ion:188 Resp: 137043
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.7 7.7 11.5

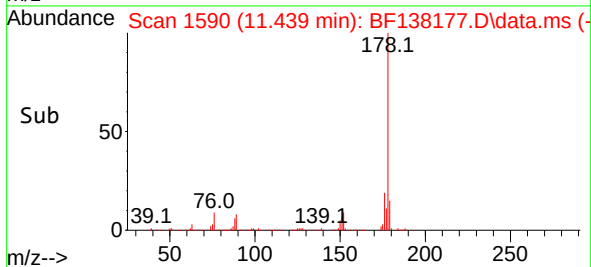
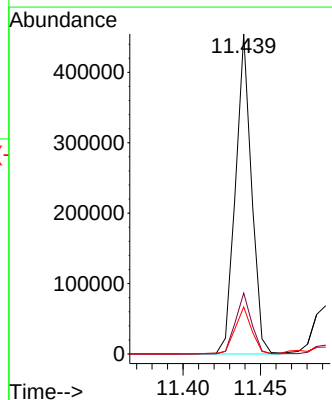
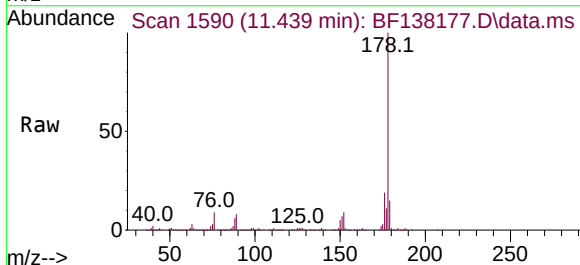
Manual Integrations
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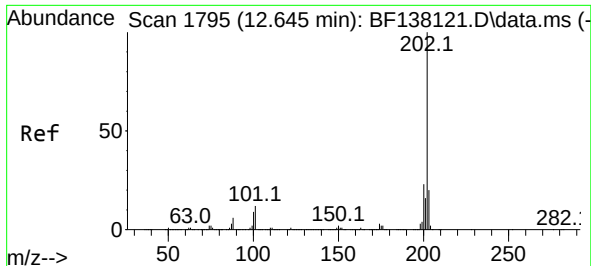
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#71
Phenanthrene
Concen: 4.957 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

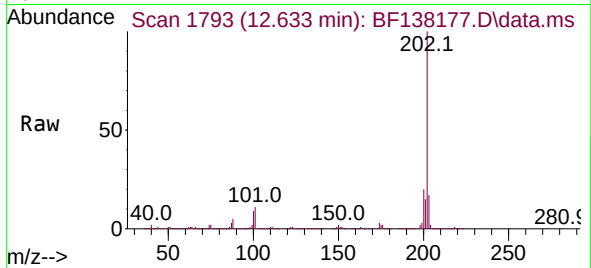
Tgt Ion:178 Resp: 327006
Ion Ratio Lower Upper
178 100
176 19.1 17.2 25.8
179 14.7 13.6 20.4





#75
Fluoranthene
Concen: 5.770 ng
RT: 12.633 min Scan# 1795
Delta R.T. -0.012 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

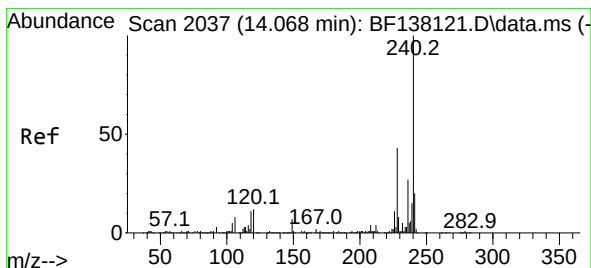
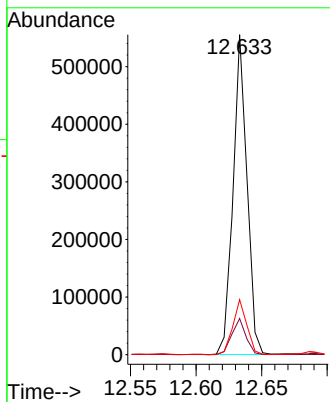
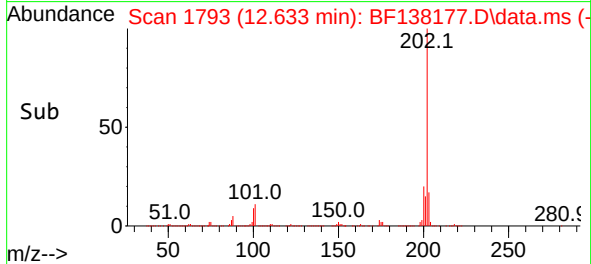
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



Tgt Ion:202 Resp: 410718
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 17.2 0.0 39.5

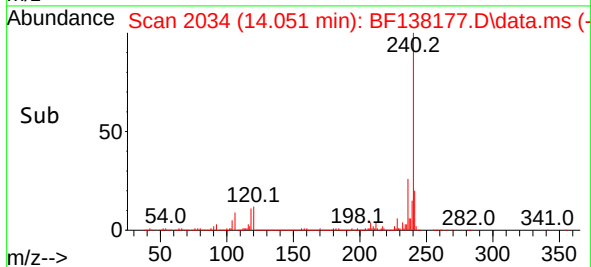
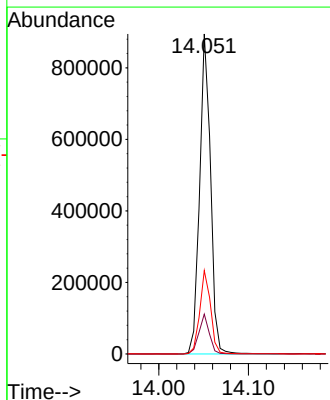
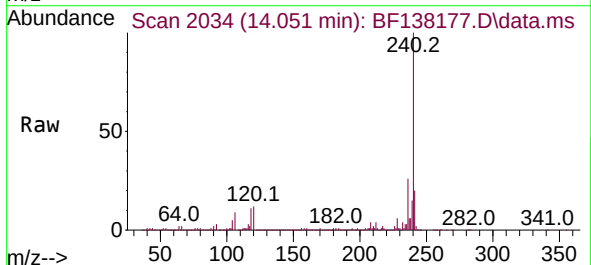
Manual Integrations
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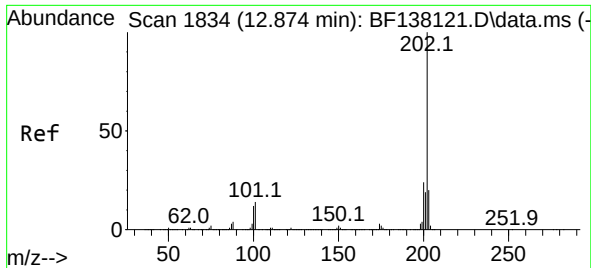
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

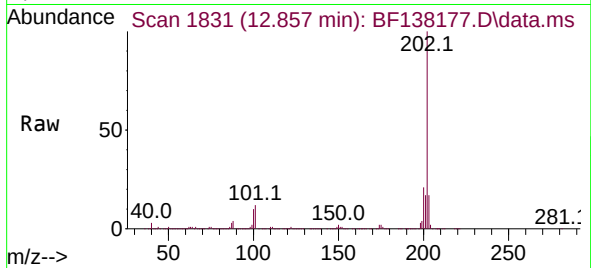
Tgt Ion:240 Resp: 754087
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.8
236 26.0 21.2 31.8





#78
Pyrene
Concen: 4.851 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

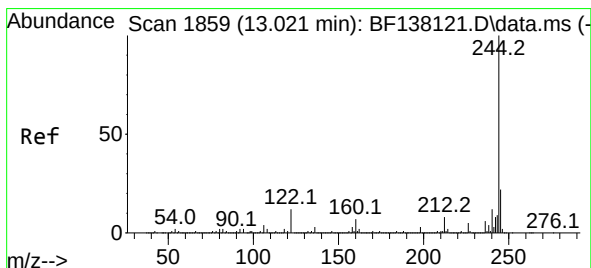
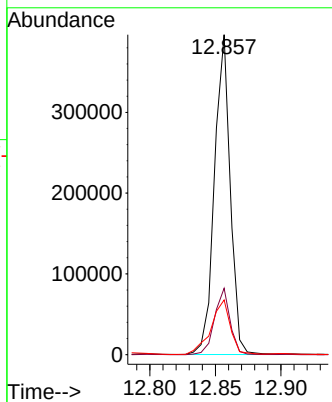
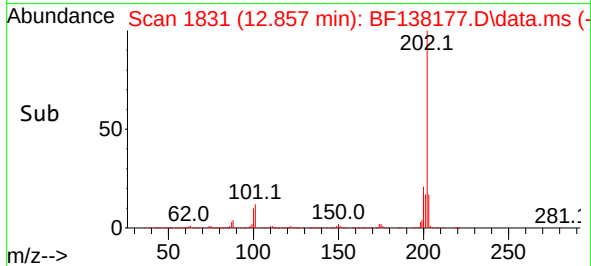
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



Tgt Ion:202 Resp: 33080
Ion Ratio Lower Upper
202 100
200 20.8 19.1 28.7
203 17.1 15.6 23.4

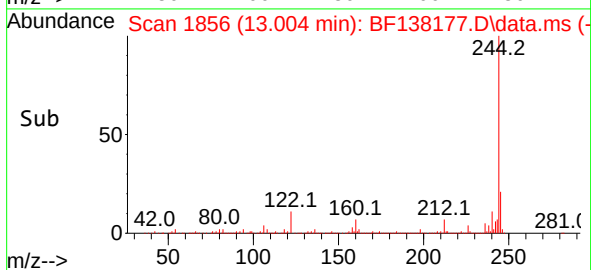
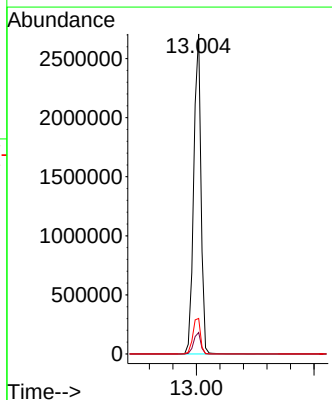
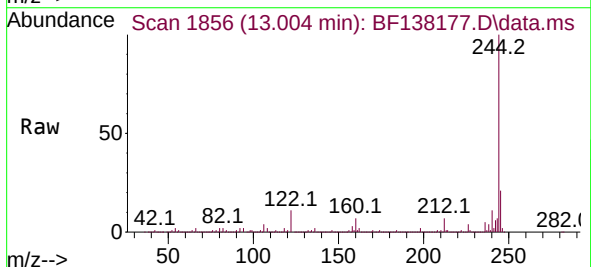
Manual Integrations
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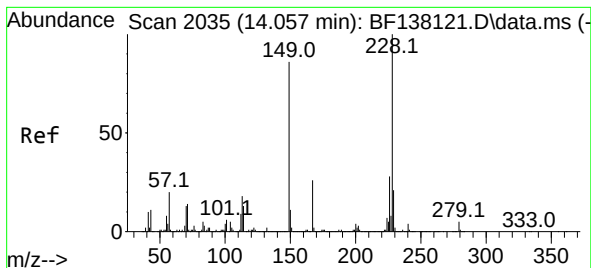
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#79
Terphenyl-d14
Concen: 45.888 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:244 Resp: 2313468
Ion Ratio Lower Upper
244 100
212 6.7 6.4 9.6
122 11.1 9.4 14.2





#81

Benzo(a)anthracene

Concen: 3.250 ng

RT: 14.039 min Scan# 2035

Delta R.T. -0.018 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Instrument :

BNA_F

ClientSampleId :

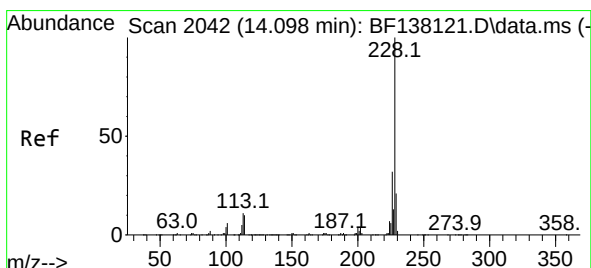
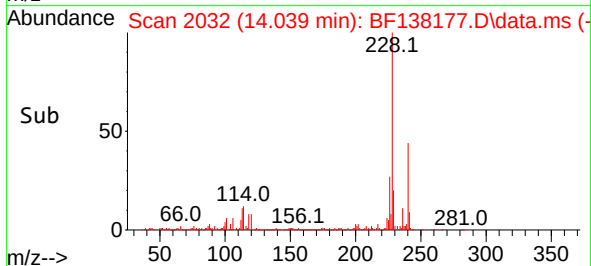
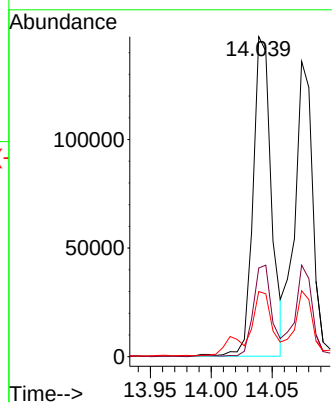
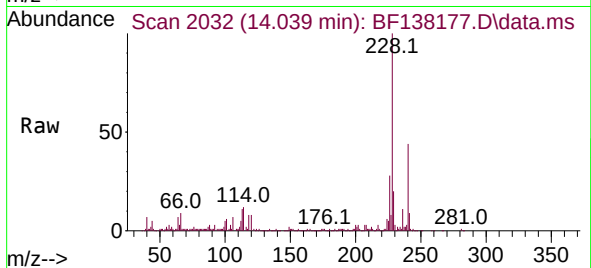
WC-1-(0-5)-COMP

Tgt Ion:228 Resp: 154629
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.7 34.1
 229 20.4 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024



#83

Chrysene

Concen: 3.083 ng

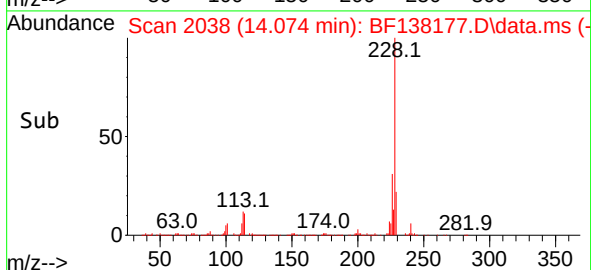
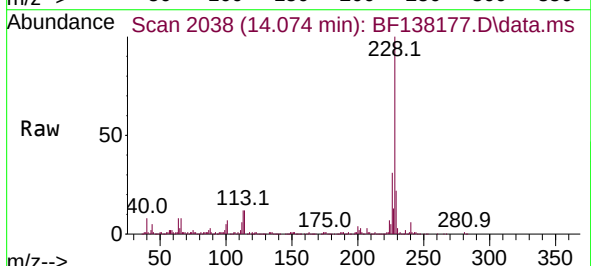
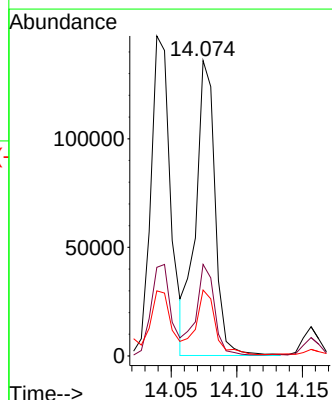
RT: 14.074 min Scan# 2038

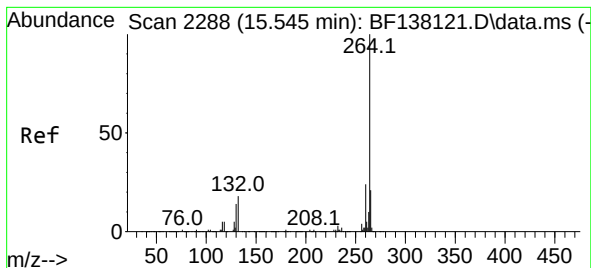
Delta R.T. -0.024 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Tgt Ion:228 Resp: 140780
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.6 38.4
 229 22.3 16.6 25.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Instrument :

BNA_F

ClientSampleId :

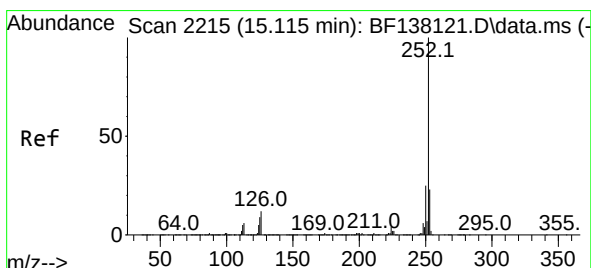
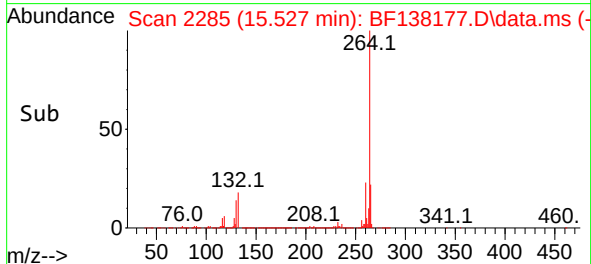
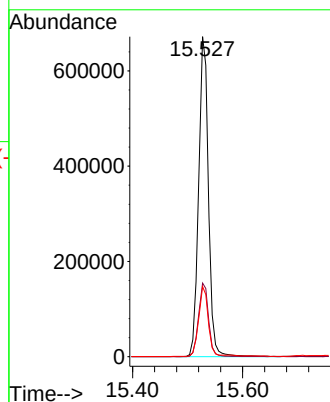
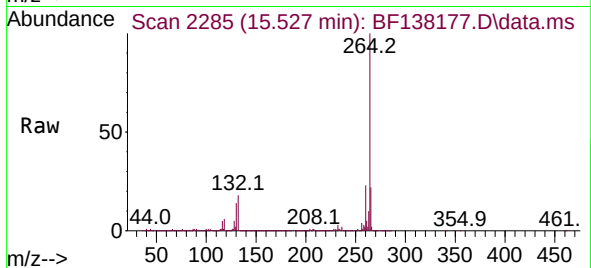
WC-1-(0-5)-COMP

Tgt Ion:264 Resp: 832775
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.9 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024



#88

Benzo(b)fluoranthene

Concen: 3.335 ng m

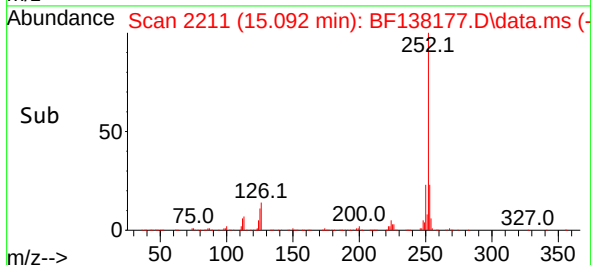
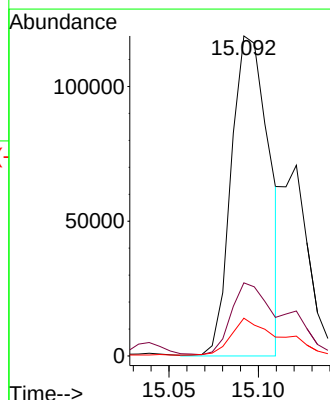
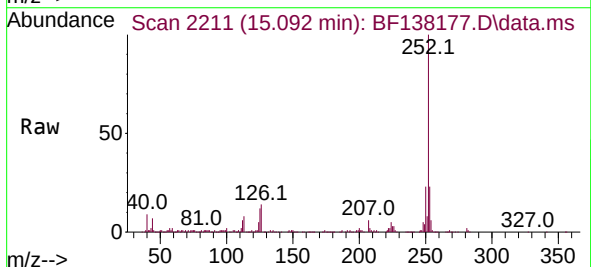
RT: 15.092 min Scan# 2211

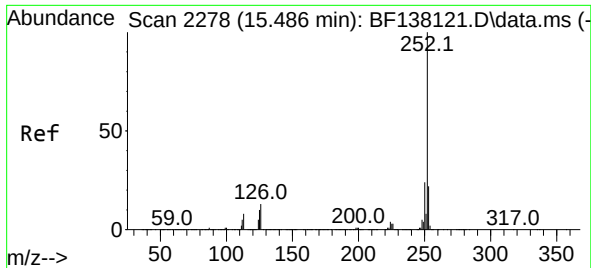
Delta R.T. -0.024 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

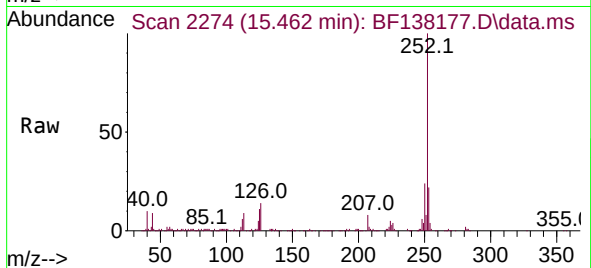
Tgt Ion:252 Resp: 174610
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.2 27.2
 125 11.8 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.994 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP



Tgt Ion:252 Resp: 118725
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.2 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

