

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133938.D
 Acq On : 23 Jun 2023 12:30
 Operator : CG\JU
 Sample : 03330-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-MC02

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 13:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	114336	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	418166	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	188504	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	314022	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208207	20.000	ng	0.00
86) Perylene-d12	15.557	264	178396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	488719	74.413	ng	0.00
7) Phenol-d6	6.493	99	582759	68.168	ng	0.00
23) Nitrobenzene-d5	7.422	82	389271	50.703	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	147369	61.761	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	701719	52.917	ng	0.00
79) Terphenyl-d14	12.986	244	605609	45.007	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	47401	2.975	ng	97
75) Fluoranthene	12.610	202	120608	7.129	ng	99
78) Pyrene	12.839	202	109922	5.667	ng	98
80) Butylbenzylphthalate	13.463	149	41975	5.126	ng	94
81) Benzo(a)anthracene	14.039	228	53832	3.738	ng	95
83) Chrysene	14.074	228	51035m	3.747	ng	
88) Benzo(b)fluoranthene	15.110	252	55495m	5.121	ng	
90) Benzo(a)pyrene	15.492	252	39172	3.895	ng	95
92) Benzo(g,h,i)perylene	17.574	276	23479	2.331	ng #	92

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

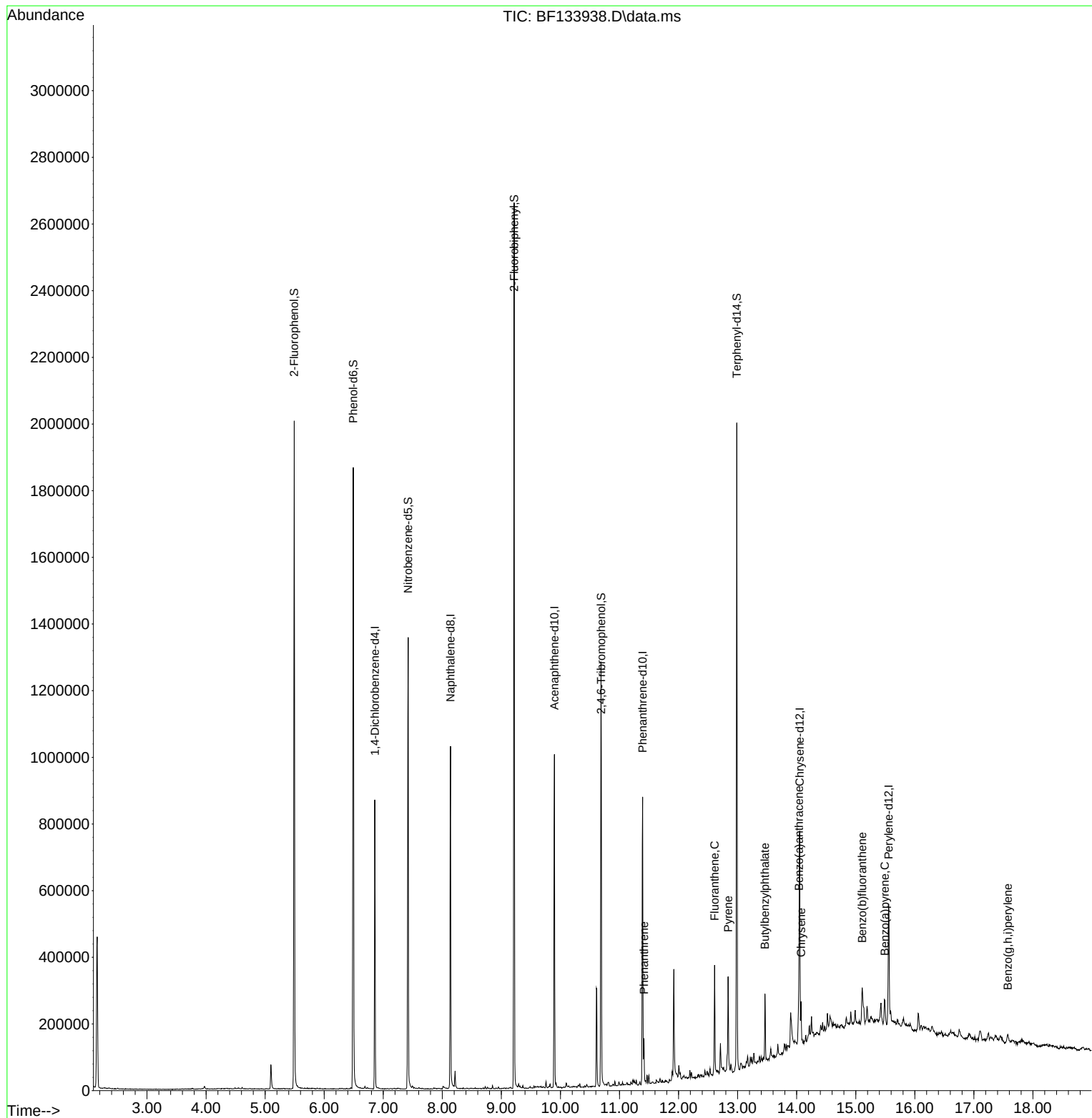
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133938.D
Acq On : 23 Jun 2023 12:30
Operator : CG\JU
Sample : 03330-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

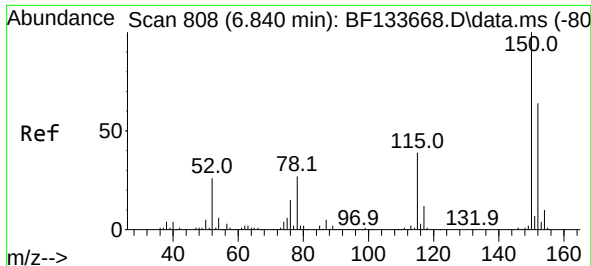
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC02

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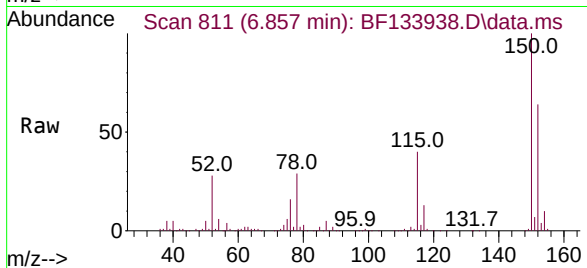
Quant Time: Jun 23 13:07:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

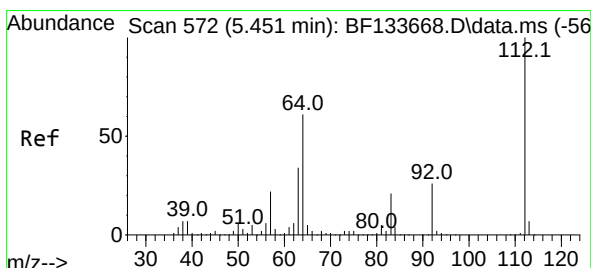
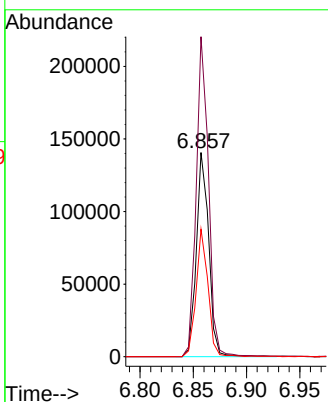
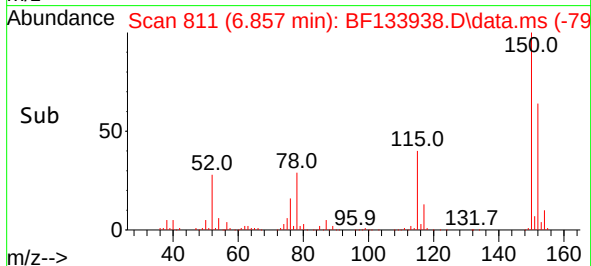
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC02



Tgt Ion:152 Resp: 114330
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 62.4 48.5 72.7

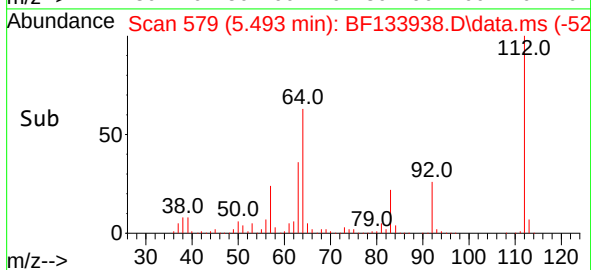
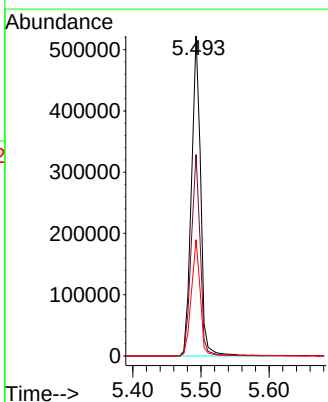
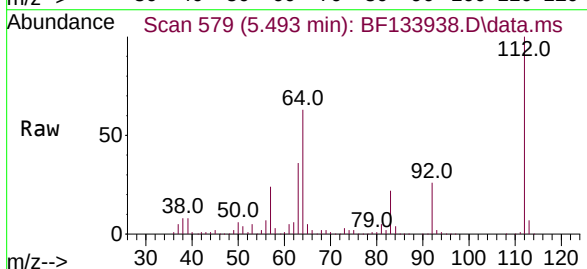
Manual Integrations
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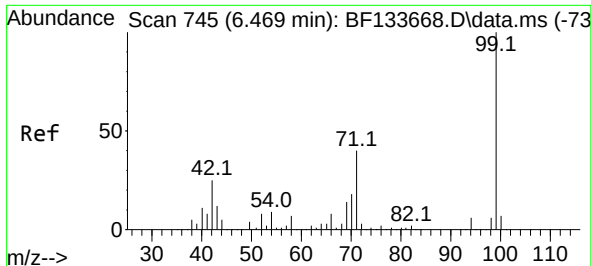
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#5
2-Fluorophenol
Concen: 74.413 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

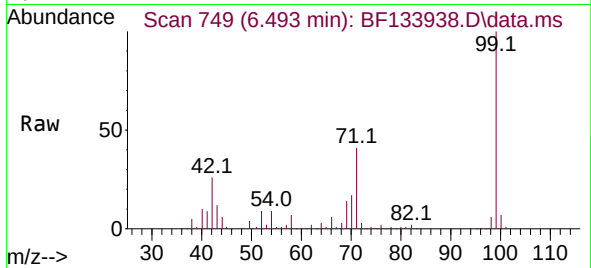
Tgt Ion:112 Resp: 488719
Ion Ratio Lower Upper
112 100
64 62.9 49.0 73.4
63 36.4 26.8 40.2





#7
Phenol-d6
Concen: 68.168 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

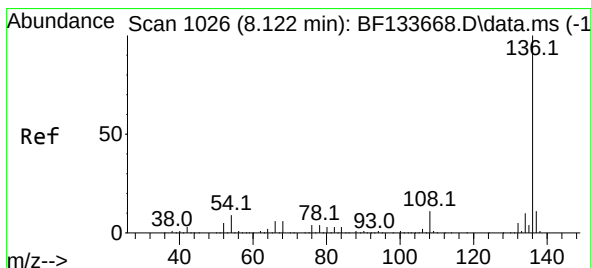
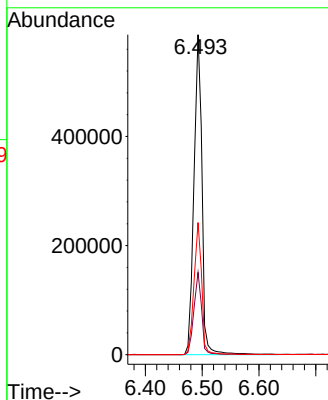
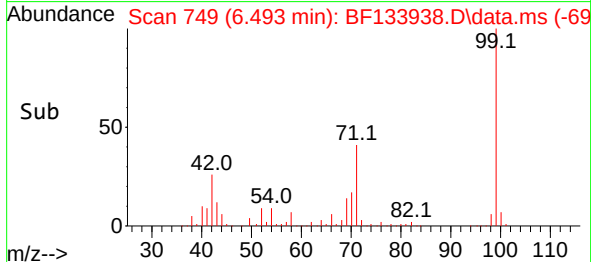
Instrument :
BNA_F
ClientSampleId :
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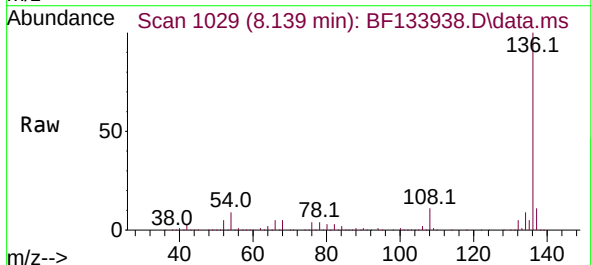
Tgt Ion: 99 Resp: 58275
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.3 32.2 48.4

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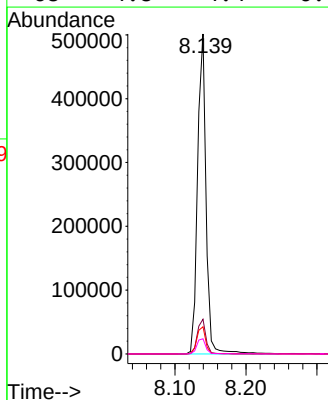
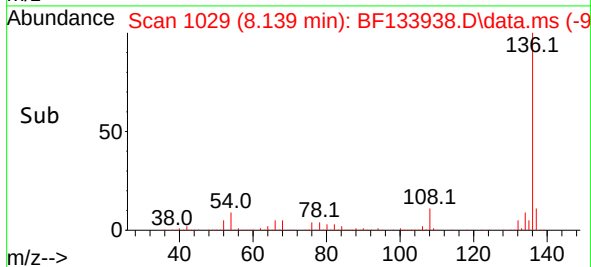
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

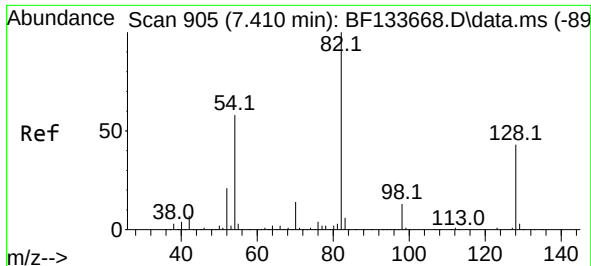


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30



Tgt Ion:136 Resp: 418166
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.4 11.0
68 4.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 50.703 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133938.D

Acq: 23 Jun 2023 12:30

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC02

Tgt Ion: 82 Resp: 38927

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.2

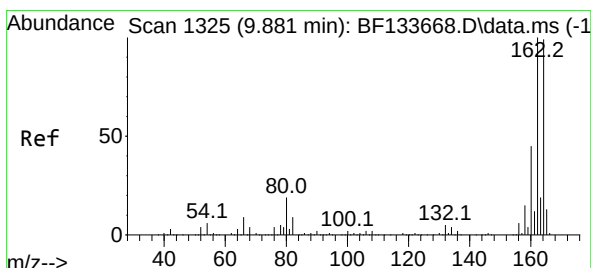
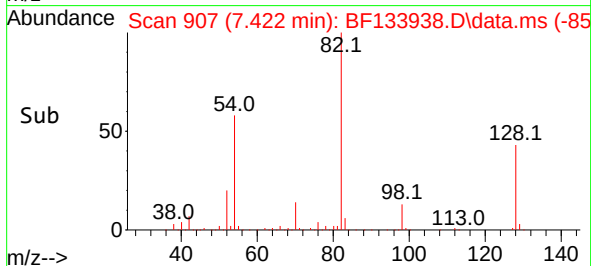
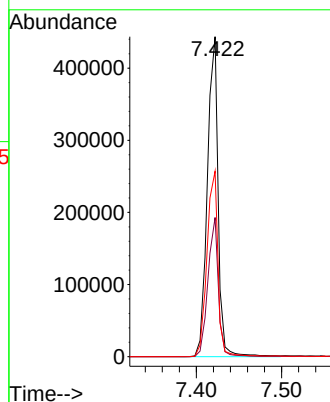
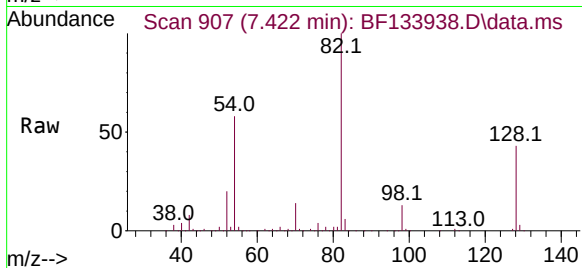
54 58.0 46.5 69.7

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133938.D

Acq: 23 Jun 2023 12:30

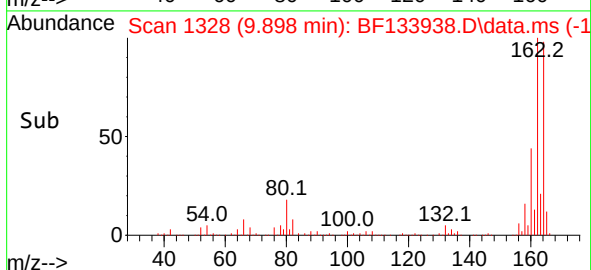
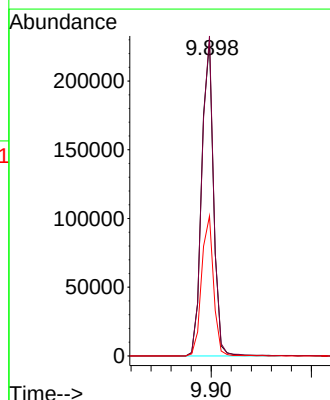
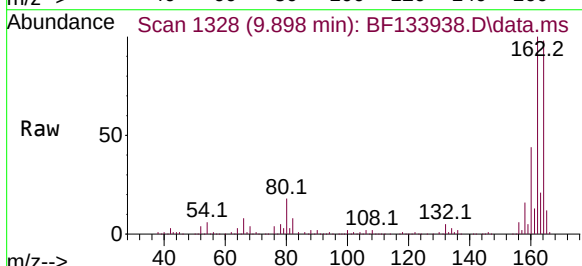
Tgt Ion:164 Resp: 188504

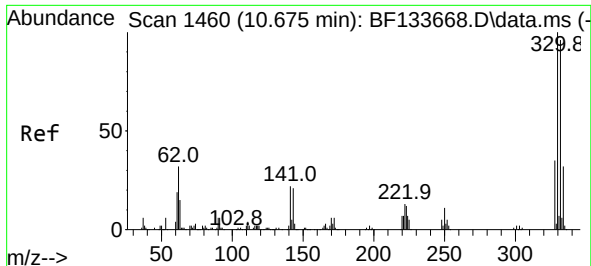
Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

160 44.5 36.7 55.1





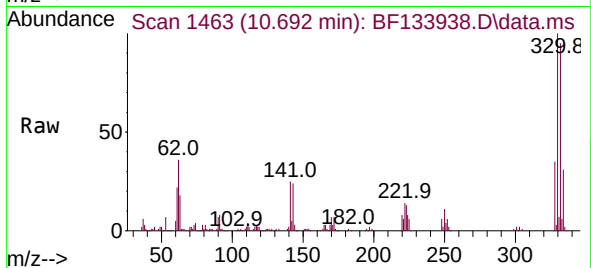
#42
2,4,6-Tribromophenol
Concen: 61.761 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC02



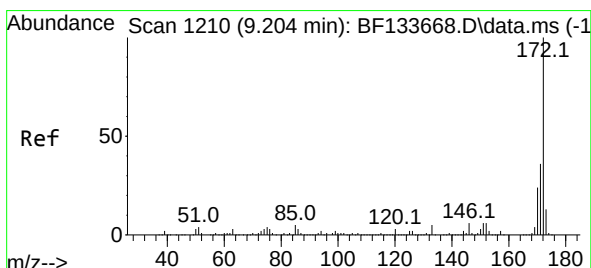
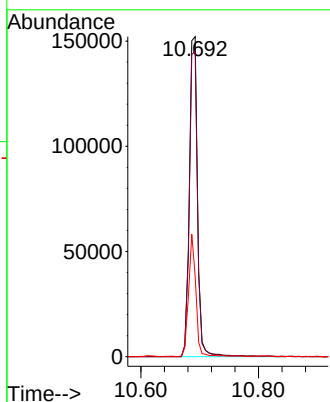
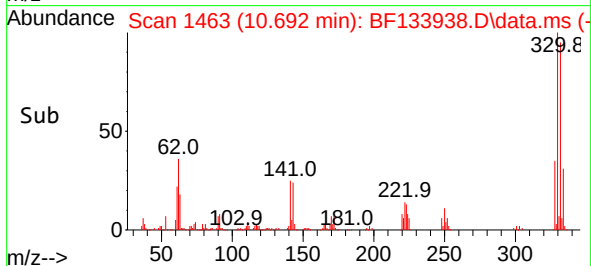
Tgt Ion:330 Resp: 147369
Ion Ratio Lower Upper
330 100
332 95.2 77.2 115.8
141 33.9 24.9 37.3

Manual Integrations

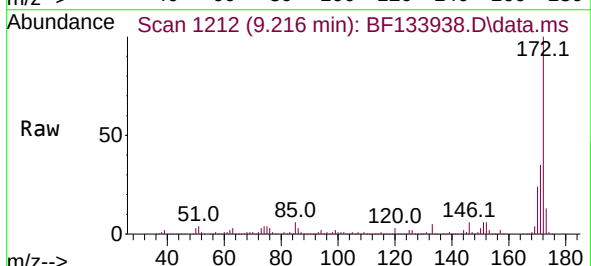
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

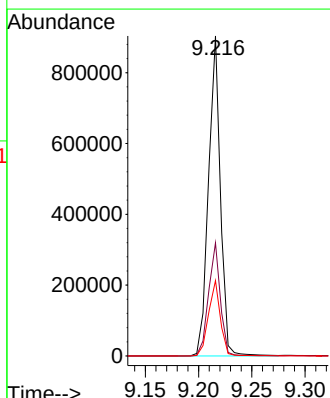
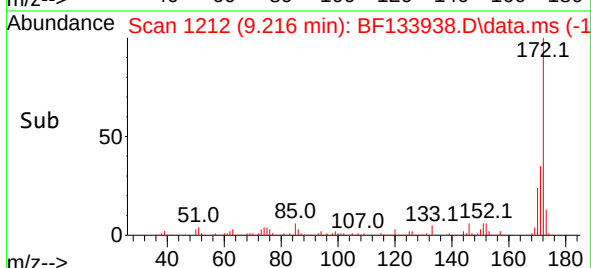
Supervised By :mohammad ahmed 06/27/2023

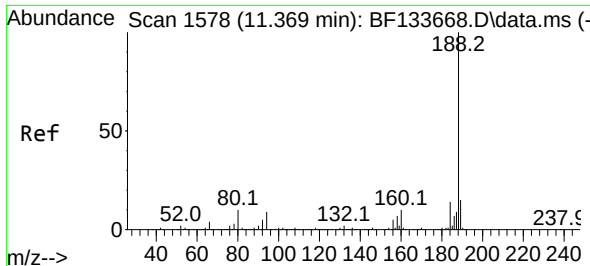


#45
2-Fluorobiphenyl
Concen: 52.917 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30



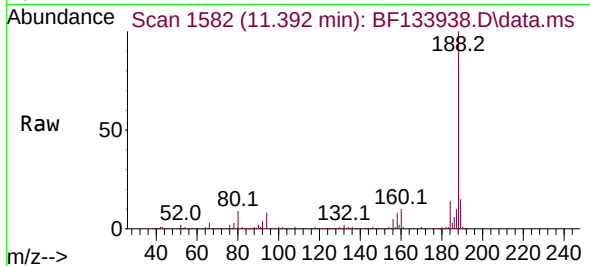
Tgt Ion:172 Resp: 701719
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

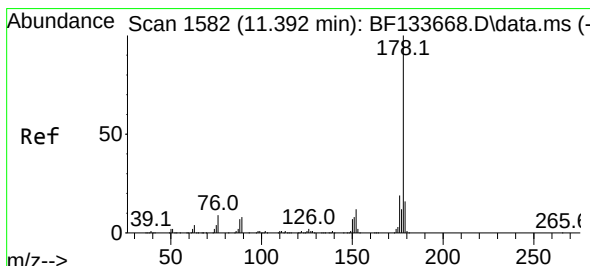
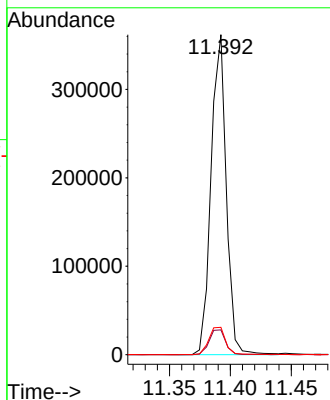
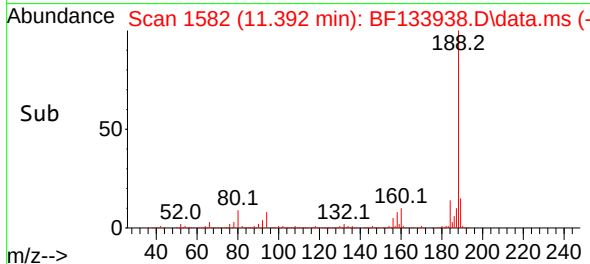
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC02



Tgt Ion:188 Resp: 31402
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.5 7.8 11.6

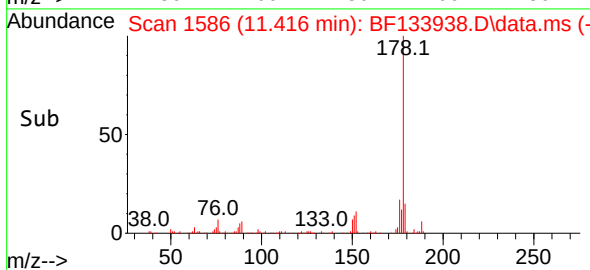
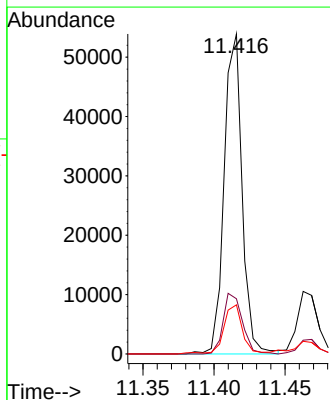
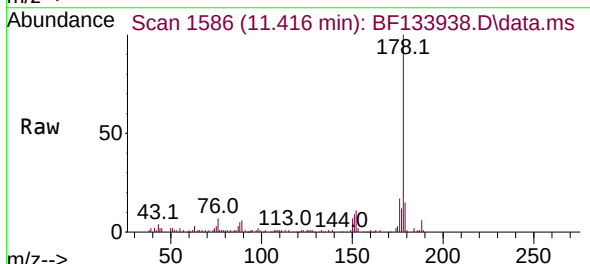
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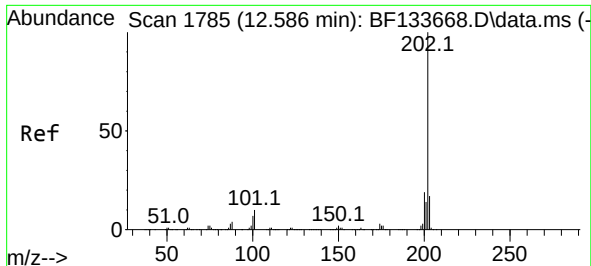
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#71
Phenanthrene
Concen: 2.975 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

Tgt Ion:178 Resp: 47401
Ion Ratio Lower Upper
178 100
176 17.3 15.6 23.4
179 15.4 12.4 18.6





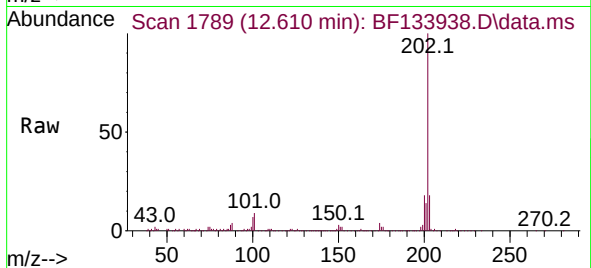
#75
Fluoranthene
Concen: 7.129 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC02

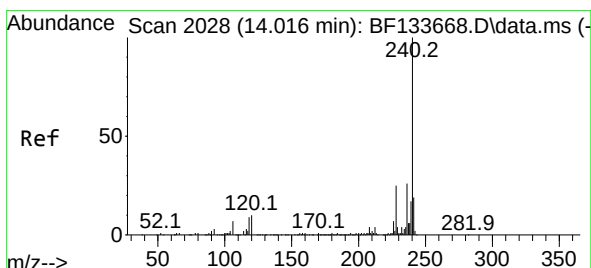
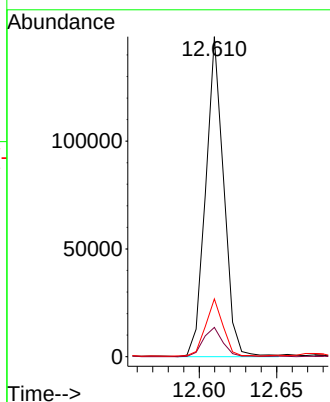
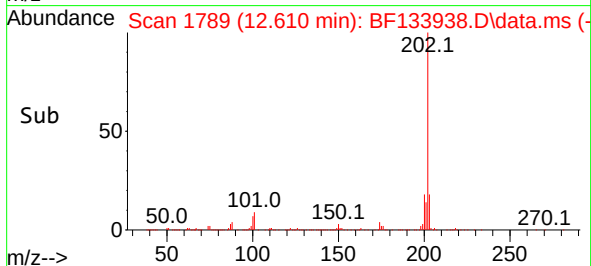


Tgt Ion:202 Resp: 120608
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 18.1 0.0 37.4

Manual Integrations

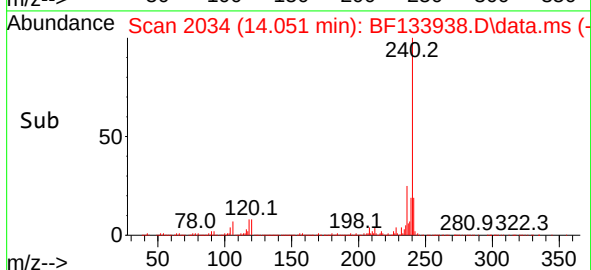
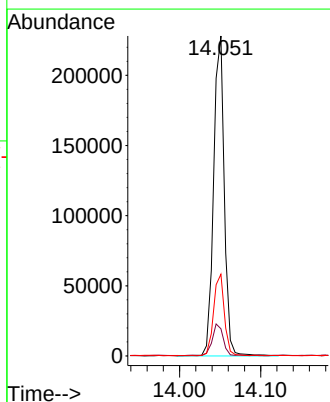
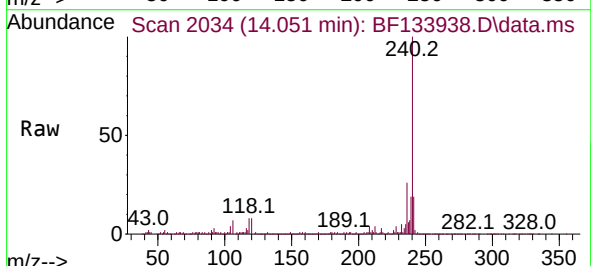
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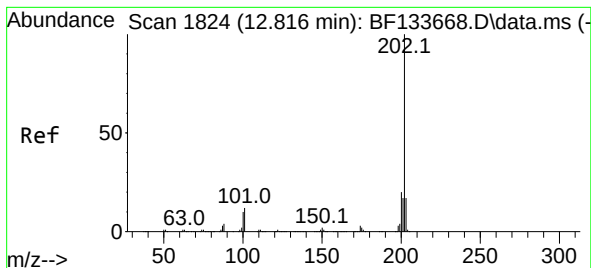
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

Tgt Ion:240 Resp: 208207
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.6 20.5 30.7





#78

Pyrene

Concen: 5.667 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF133938.D

Acq: 23 Jun 2023 12:30

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC02

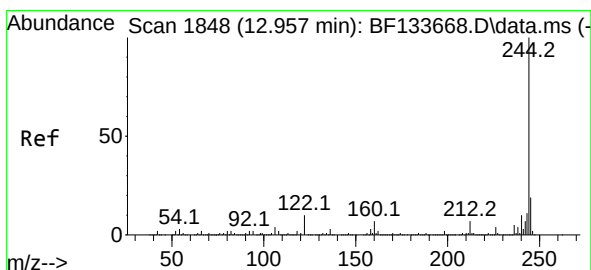
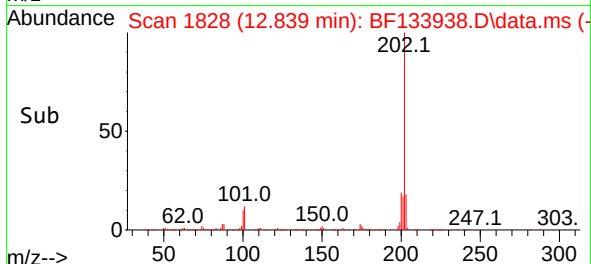
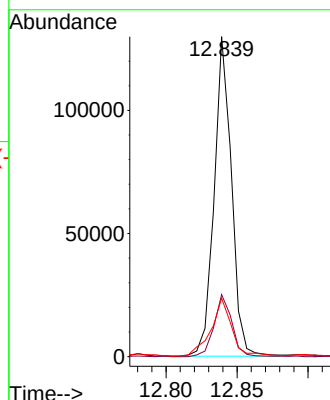
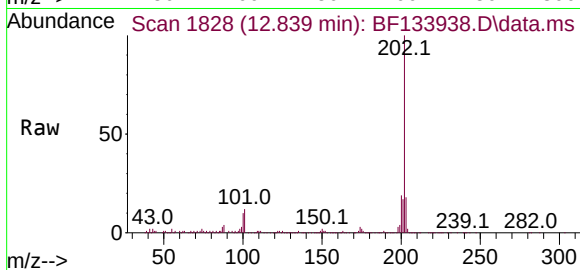
Tgt Ion:202 Resp: 10992

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.2	24.2
203	18.2	13.9	20.9

Manual Integrations

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#79

Terphenyl-d14

Concen: 45.007 ng

RT: 12.986 min Scan# 1853

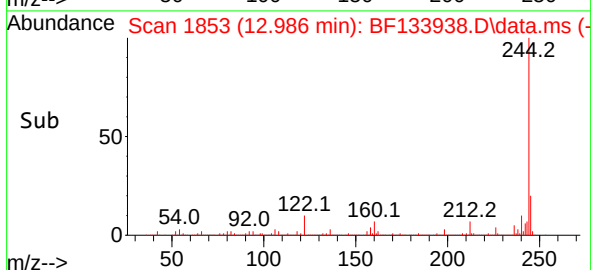
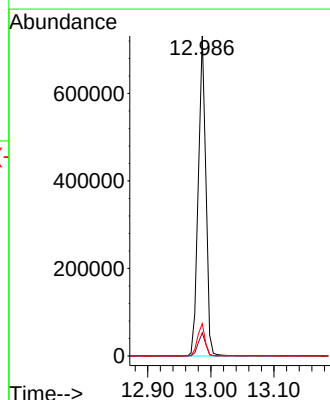
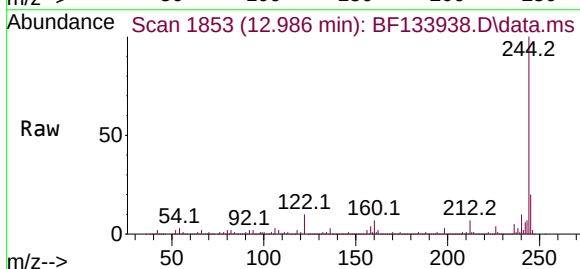
Delta R.T. -0.006 min

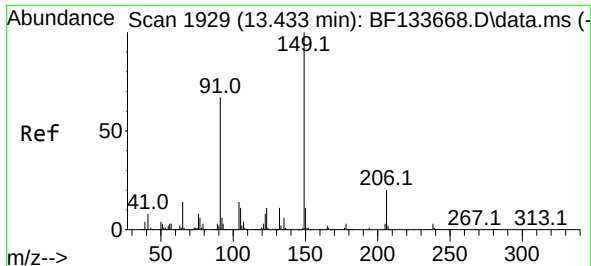
Lab File: BF133938.D

Acq: 23 Jun 2023 12:30

Tgt Ion:244 Resp: 605609

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.1	8.1	12.1





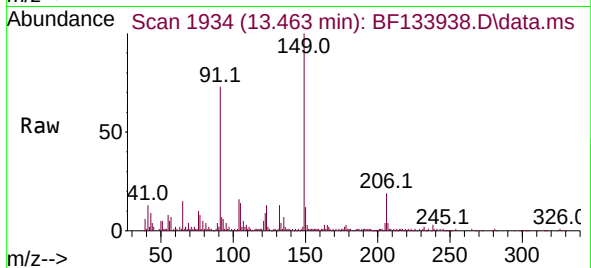
#80
Butylbenzylphthalate
Concen: 5.126 ng
RT: 13.463 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC02

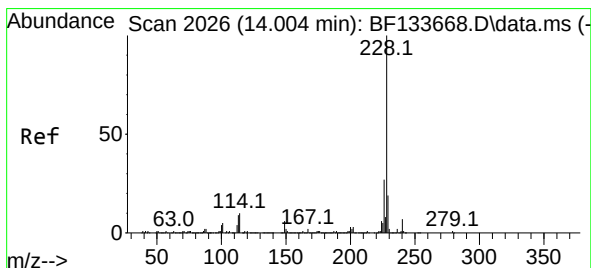
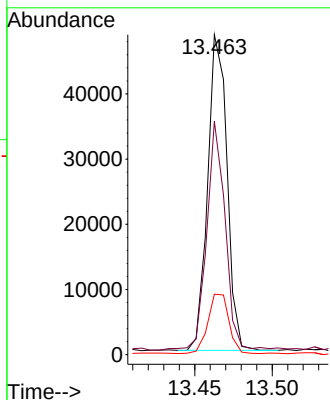
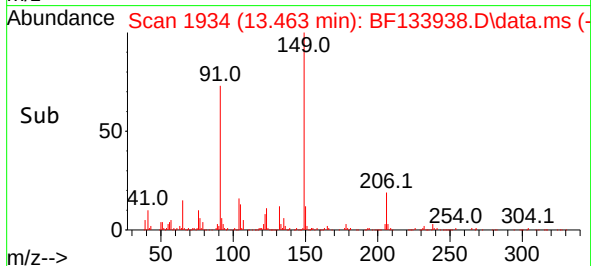


Tgt Ion:149 Resp: 41975
Ion Ratio Lower Upper
149 100
91 72.9 54.0 81.0
206 18.9 15.6 23.4

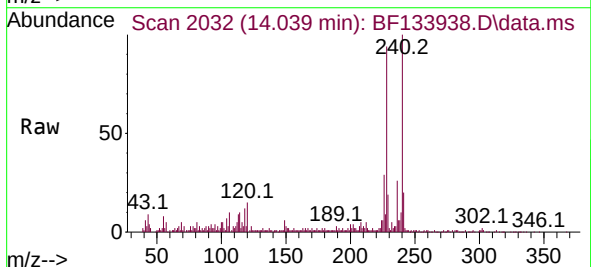
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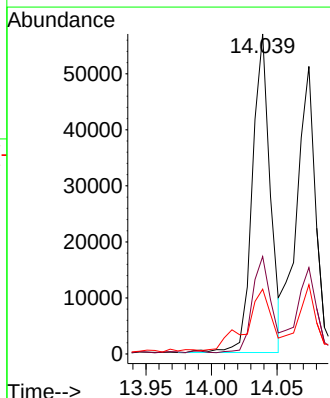
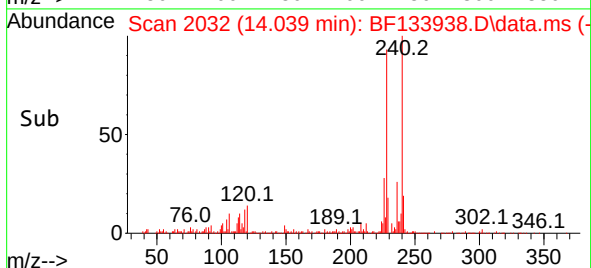
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

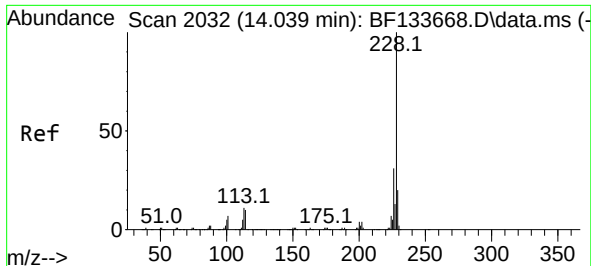


#81
Benzo(a)anthracene
Concen: 3.738 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30



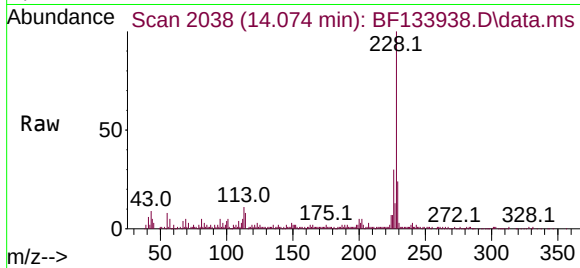
Tgt Ion:228 Resp: 53832
Ion Ratio Lower Upper
228 100
226 30.5 21.7 32.5
229 20.3 15.4 23.2





#83
Chrysene
Concen: 3.747 ng m
RT: 14.074 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

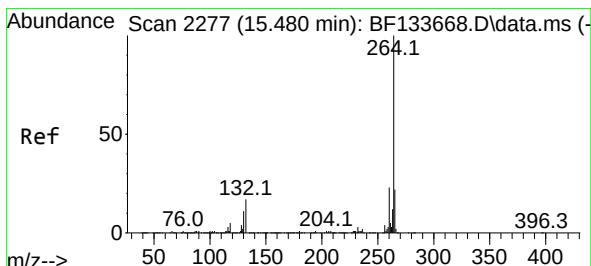
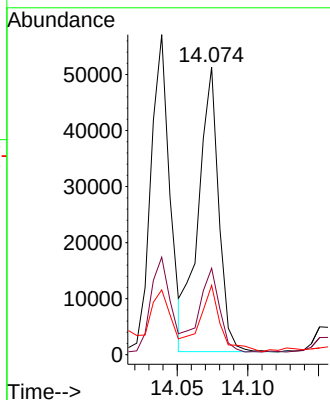
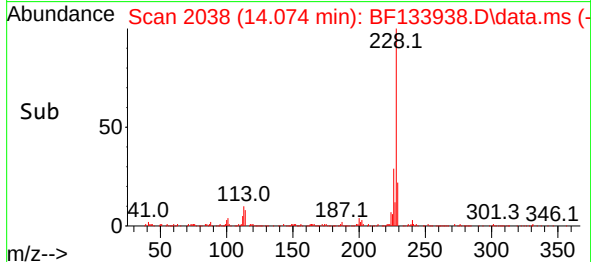
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC02



Tgt Ion:228 Resp: 51035
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 24.1 15.8 23.8

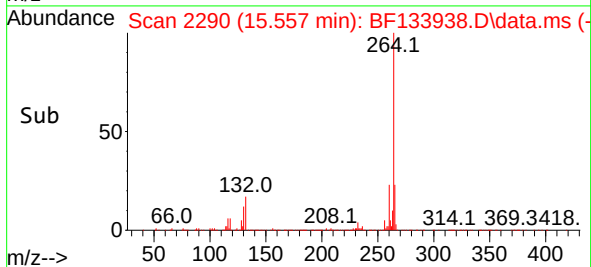
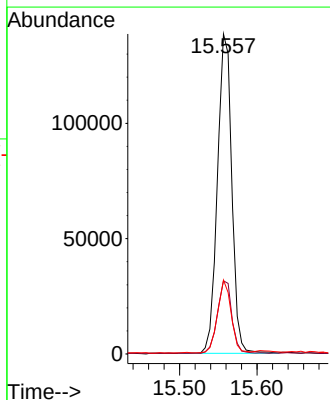
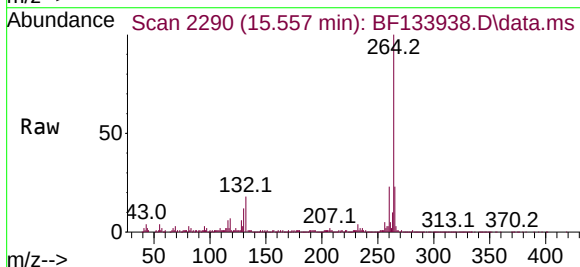
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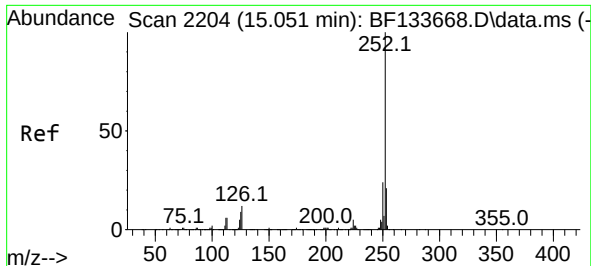
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

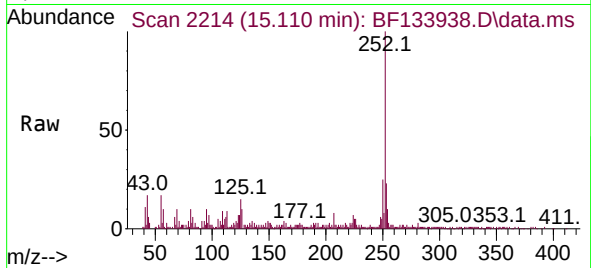
Tgt Ion:264 Resp: 178396
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.2
265 23.1 17.8 26.6





#88
Benzo(b)fluoranthene
Concen: 5.121 ng m
RT: 15.110 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

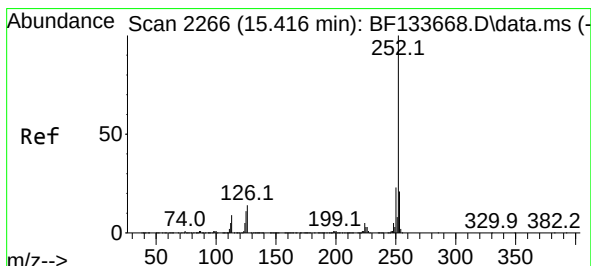
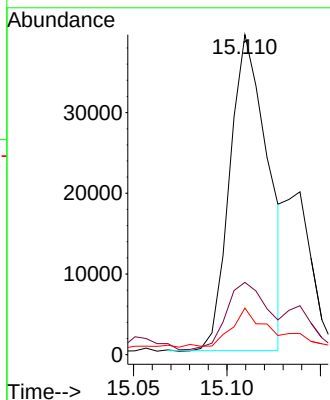
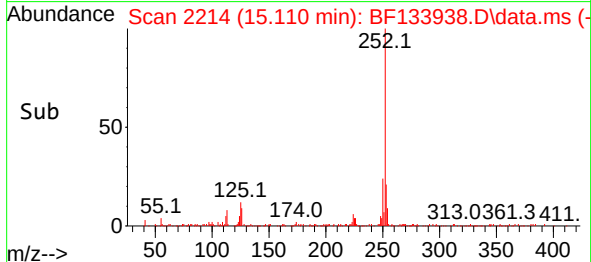
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC02



Tgt Ion:252 Resp: 5549
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 14.5 7.3 10.9

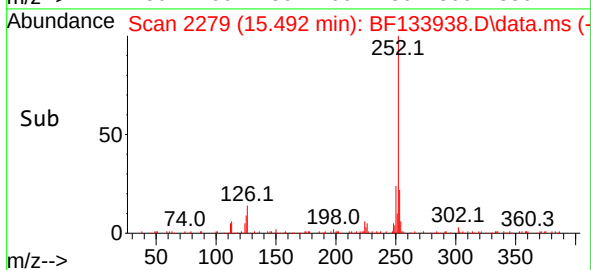
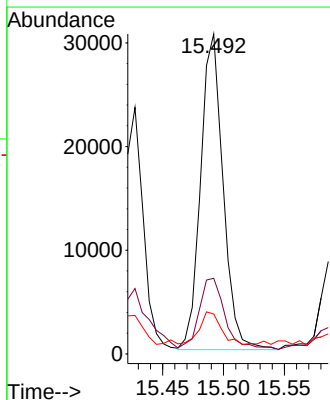
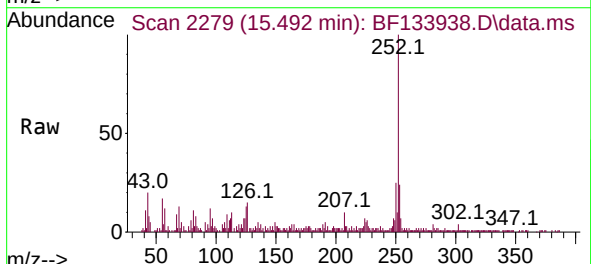
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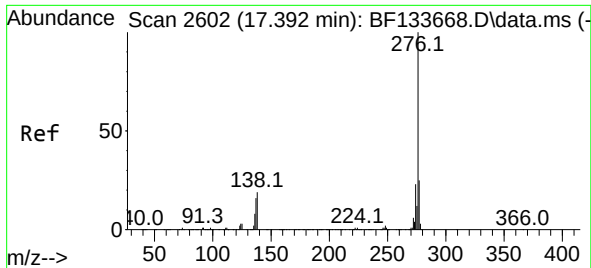
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 3.895 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF133938.D
Acq: 23 Jun 2023 12:30

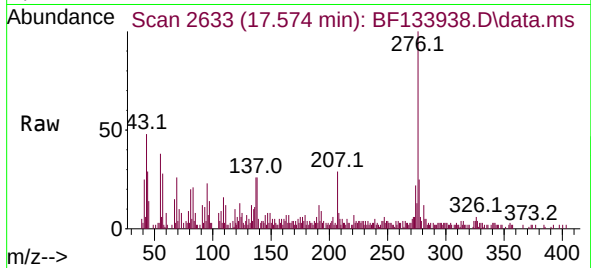
Tgt Ion:252 Resp: 39172
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 12.5 8.6 13.0





#92
 Benzo(g,h,i)perylene
 Concen: 2.331 ng
 RT: 17.574 min Scan# 20
 Delta R.T. -0.017 min
 Lab File: BF133938.D
 Acq: 23 Jun 2023 12:30

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-MC02



Tgt Ion:	276	Resp:	23479
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.8	29.8
138	26.5	15.0	22.4

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

