

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133658.D
 Acq On : 09 Jun 2023 01:00
 Operator : CG\JU
 Sample : 03069-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC36

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 01:52:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	114879	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	393947	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	163668	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	297179	20.000	ng	0.00
76) Chrysene-d12	14.010	240	193023	20.000	ng	0.00
86) Perylene-d12	15.480	264	160656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	577031	83.806	ng	0.00
7) Phenol-d6	6.469	99	684100	80.711	ng	0.00
23) Nitrobenzene-d5	7.398	82	419554	71.109	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	150933	92.514	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	681717	64.288	ng	0.00
79) Terphenyl-d14	12.957	244	618365	56.959	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.733	152	35265	2.144	ng	97
71) Phenanthrene	11.386	178	71808	4.771	ng	99
75) Fluoranthene	12.580	202	189066	11.372	ng	98
78) Pyrene	12.810	202	173373	10.555	ng	97
81) Benzo(a)anthracene	13.998	228	64634m	5.027	ng	
83) Chrysene	14.039	228	78259	6.029	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	33192	3.243	ng	96
88) Benzo(b)fluoranthene	15.051	252	90920m	8.691	ng	
89) Benzo(k)fluoranthene	15.074	252	25972m	2.546	ng	
90) Benzo(a)pyrene	15.415	252	52394	5.504	ng	96
92) Benzo(g,h,i)perylene	17.380	276	31476	3.762	ng	97

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

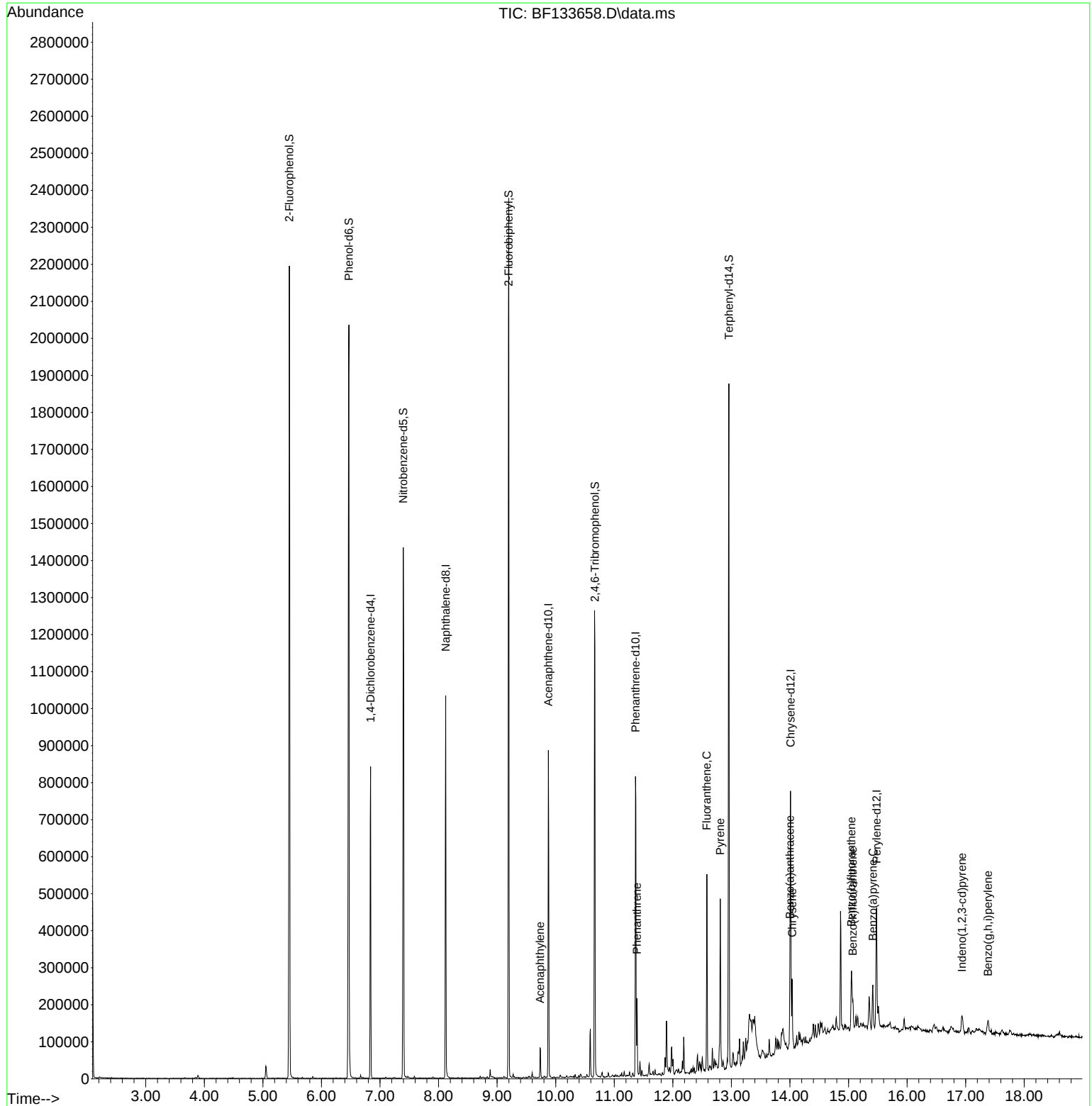
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
Data File : BF133658.D
Acq On : 09 Jun 2023 01:00
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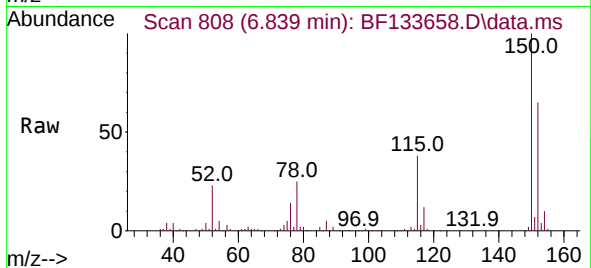
Quant Time: Jun 09 01:52:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:43:32 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

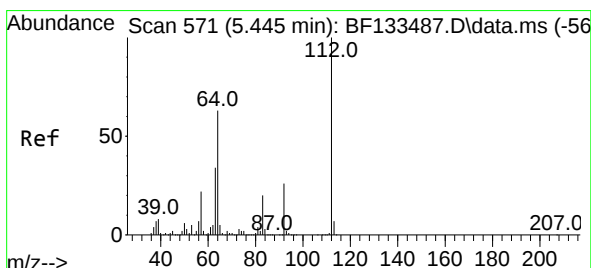
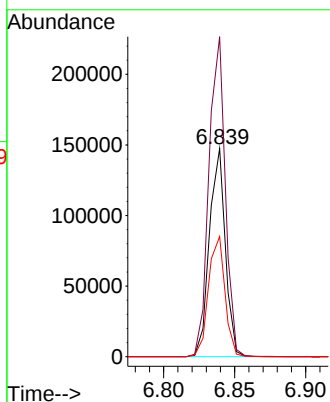
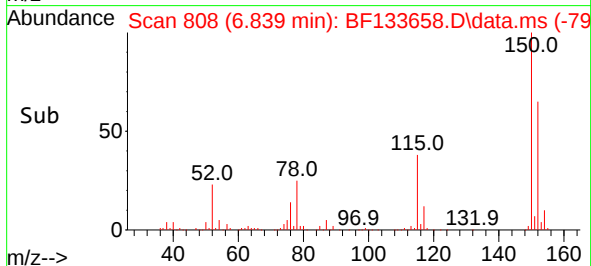
Instrument :
BNA_F
ClientSampleId :
WC36



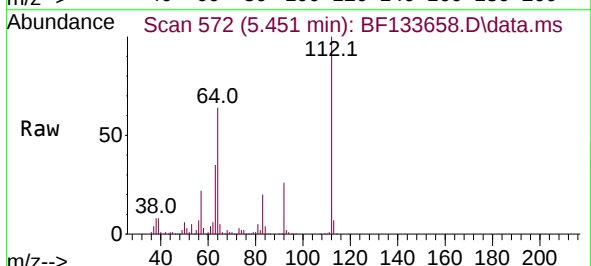
Tgt Ion:152 Resp: 114879
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 57.7 48.1 72.1

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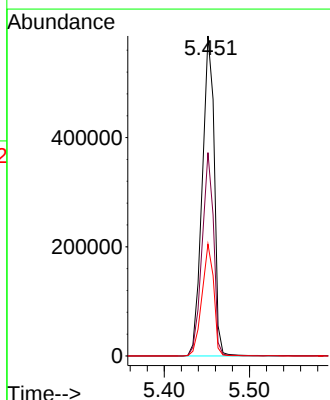
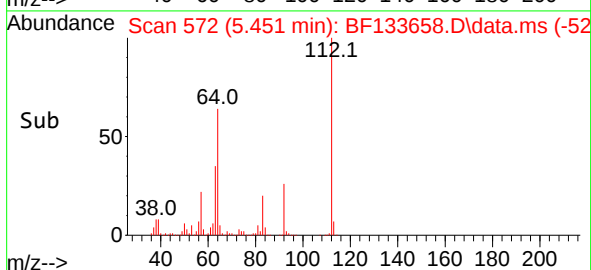
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

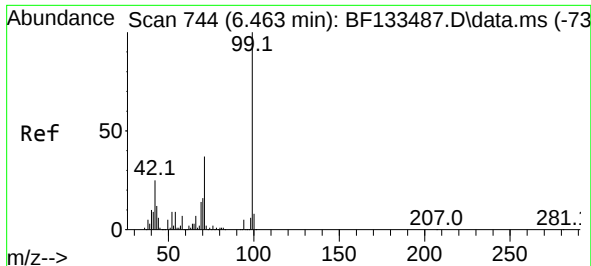


#5
2-Fluorophenol
Concen: 83.806 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



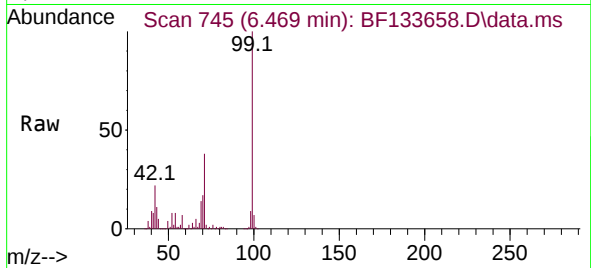
Tgt Ion:112 Resp: 577031
Ion Ratio Lower Upper
112 100
64 63.6 50.1 75.1
63 35.0 27.5 41.3





#7
Phenol-d6
Concen: 80.711 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

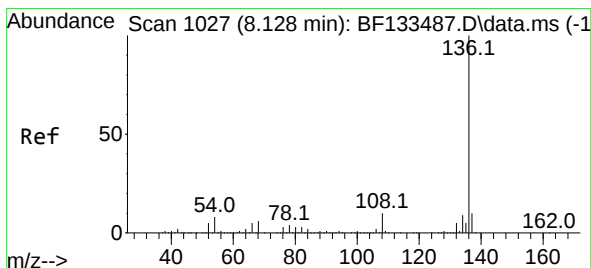
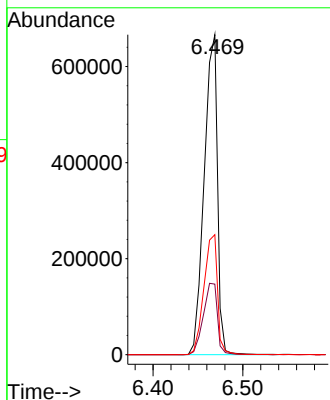
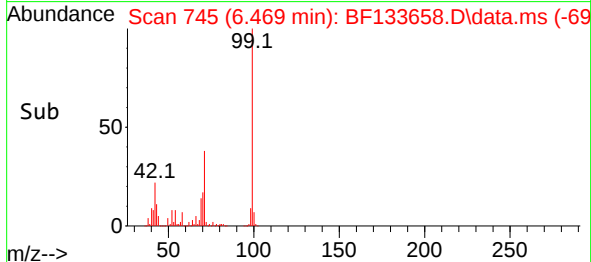
Instrument :
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ClientSampleId :
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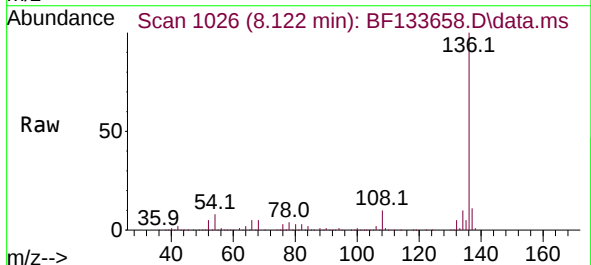
Tgt Ion: 99 Resp: 684100
Ion Ratio Lower Upper
99 100
42 22.1 19.7 29.5
71 37.5 29.8 44.8

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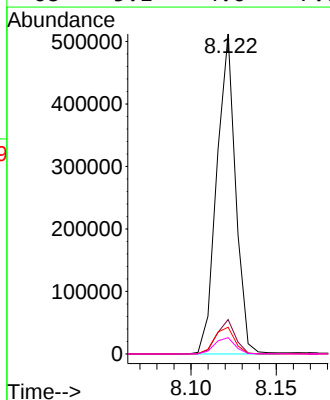
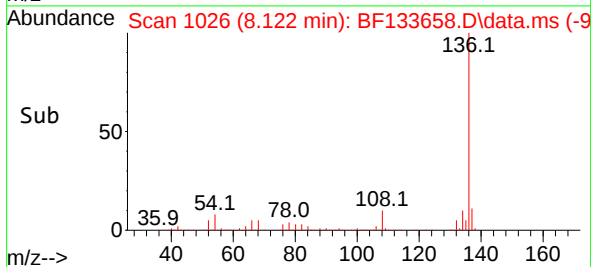
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



Tgt Ion:136 Resp: 393947
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.4 6.6 10.0
68 5.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 71.109 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

Instrument :

BNA_F

ClientSampleId :

WC36

Tgt Ion: 82 Resp: 419554

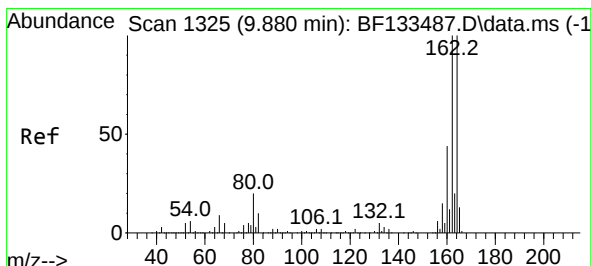
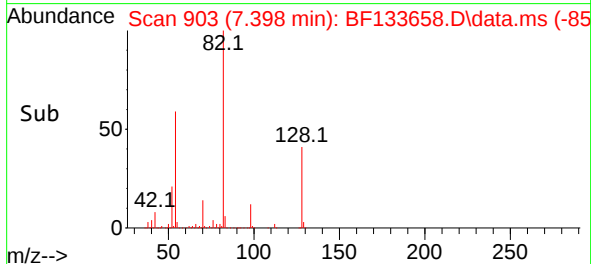
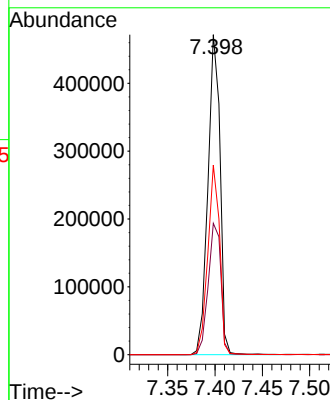
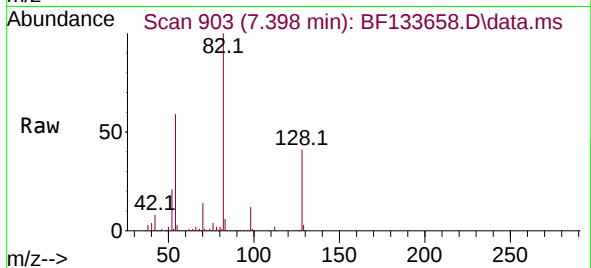
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.2	51.4
54	59.2	48.2	72.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

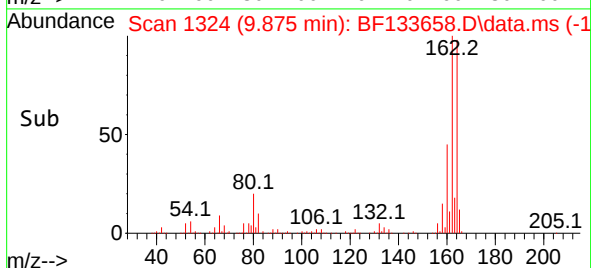
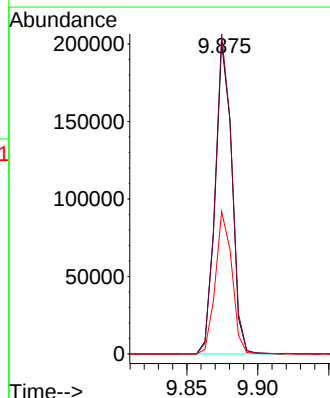
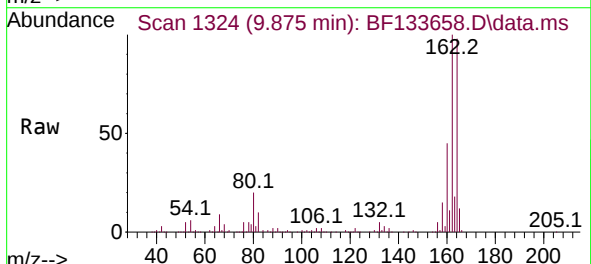
Delta R.T. -0.006 min

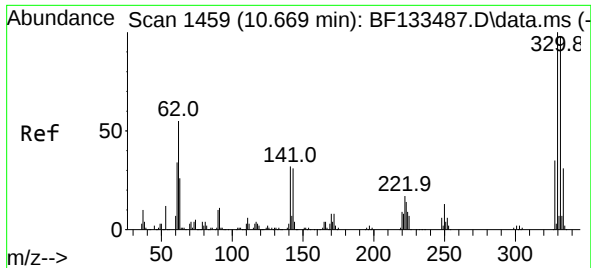
Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

Tgt Ion:164 Resp: 163668

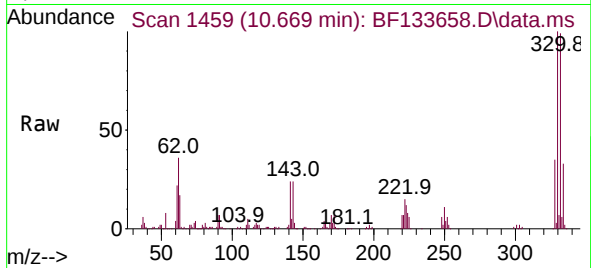
Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.7	119.5
160	45.6	35.4	53.0





#42
2,4,6-Tribromophenol
Concen: 92.514 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

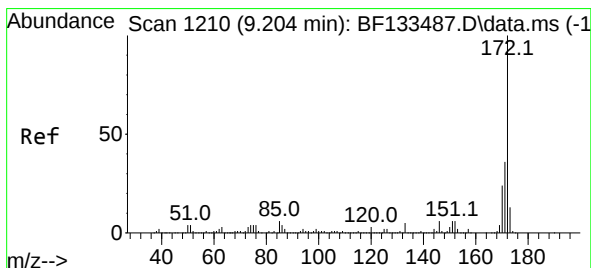
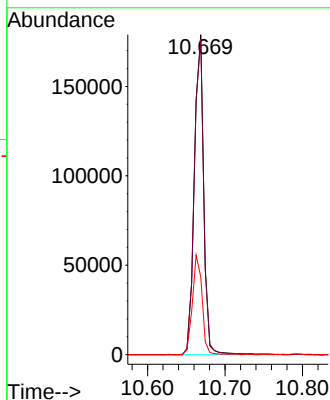
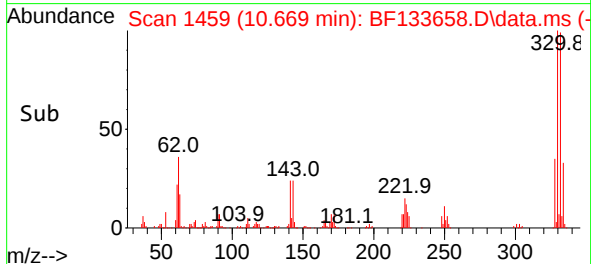
Instrument :
BNA_F
ClientSampleId :
WC36



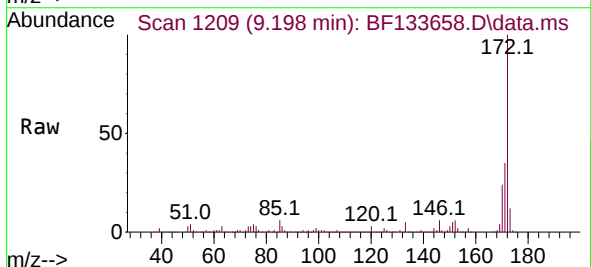
Tgt Ion:330 Resp: 15093
Ion Ratio Lower Upper
330 100
332 99.3 77.8 116.6
141 32.1 26.6 40.0

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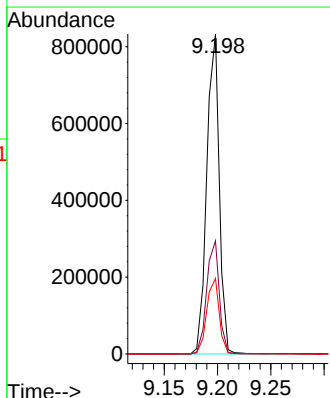
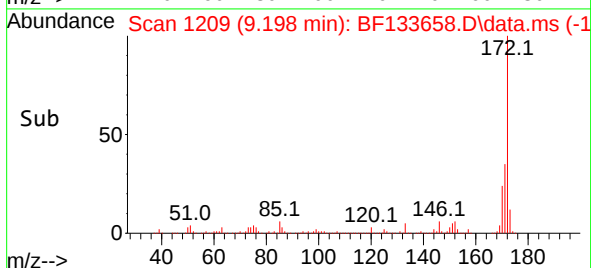
Reviewed By :Yogesh Patel 06/09/2023
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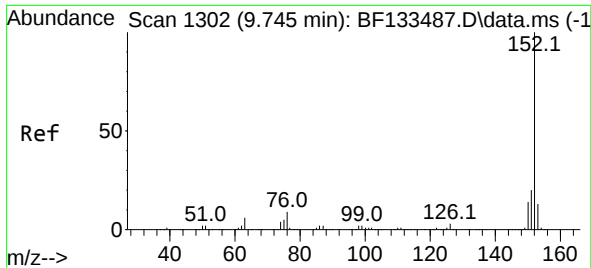


#45
2-Fluorobiphenyl
Concen: 64.288 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



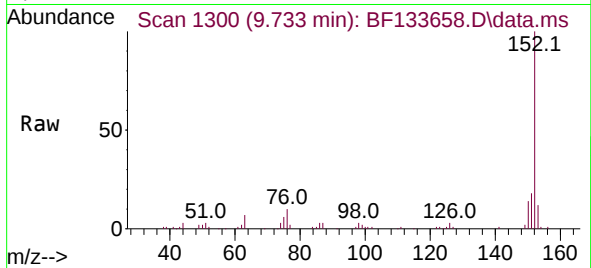
Tgt Ion:172 Resp: 681717
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 19.3 28.9





#49
Acenaphthylene
Concen: 2.144 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

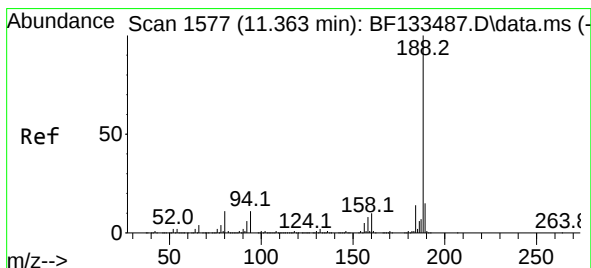
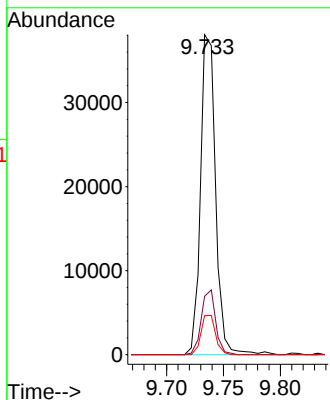
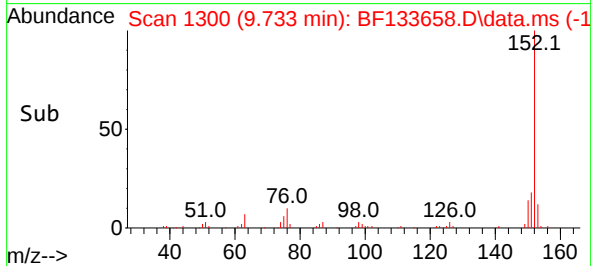
Instrument :
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WC36



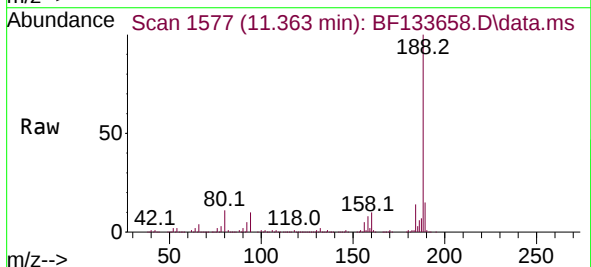
Tgt Ion:152 Resp: 3526
Ion Ratio Lower Upper
152 100
151 18.3 16.0 24.0
153 12.2 10.4 15.6

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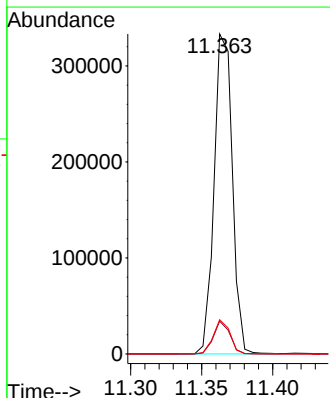
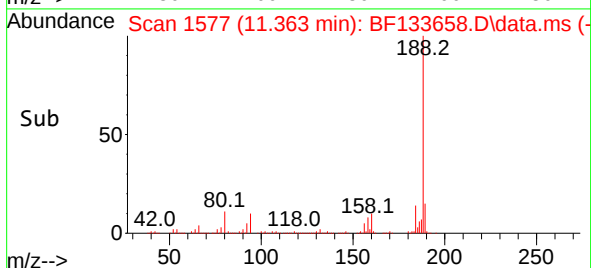
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

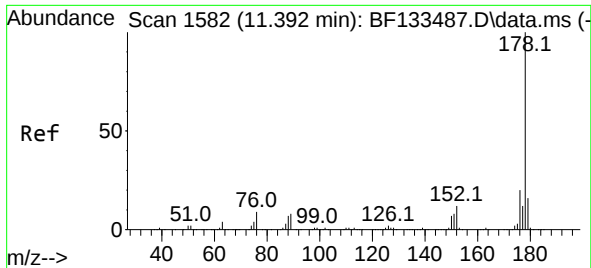


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



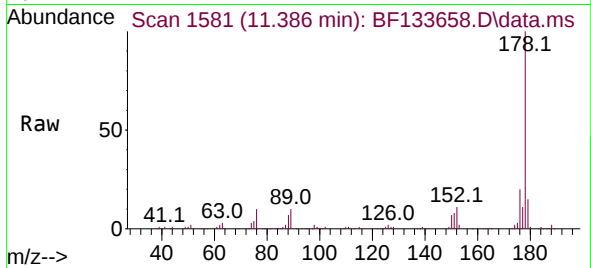
Tgt Ion:188 Resp: 297179
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 10.7 9.2 13.8





#71
Phenanthrene
Concen: 4.771 ng
RT: 11.386 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

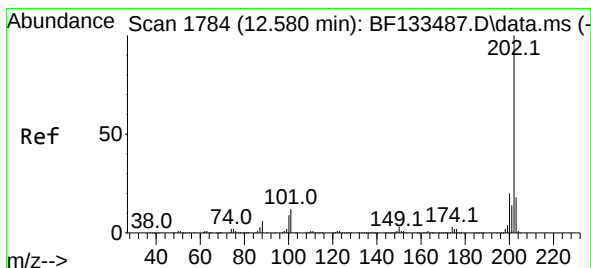
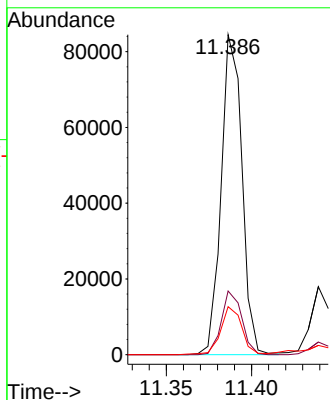
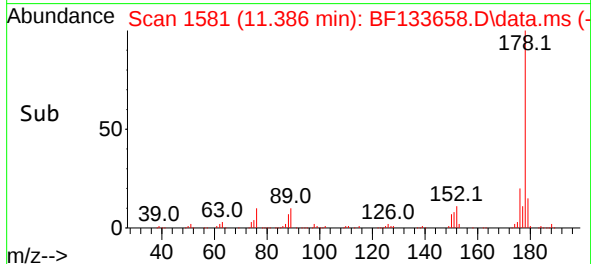
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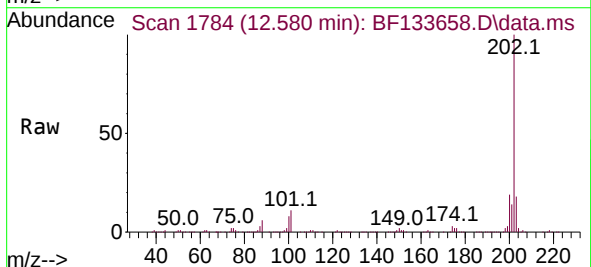
Tgt Ion:178 Resp: 71808
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.0 12.4 18.6

Manual Integrations
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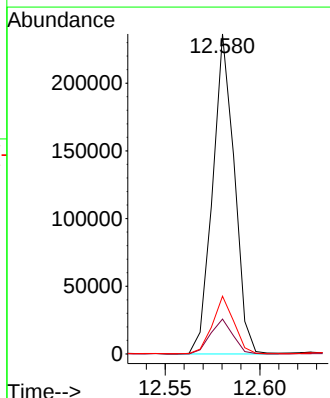
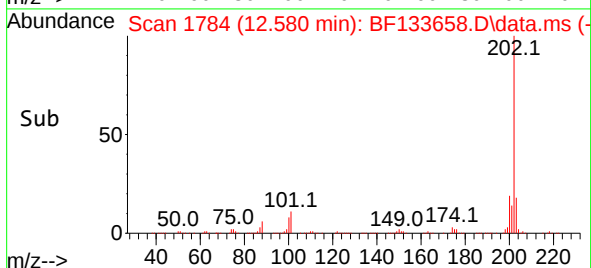
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

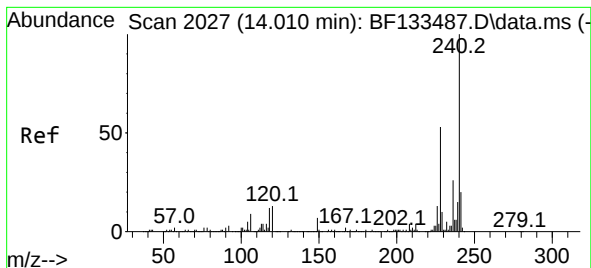


#75
Fluoranthene
Concen: 11.372 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



Tgt Ion:202 Resp: 189066
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.2
203 18.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

Instrument :

BNA_F

ClientSampleId :

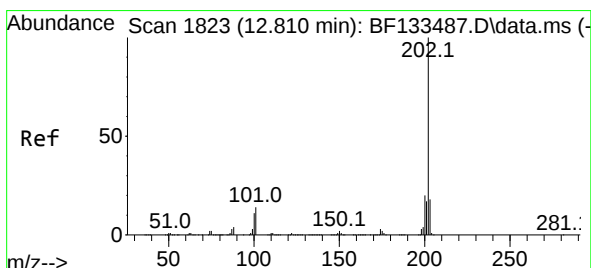
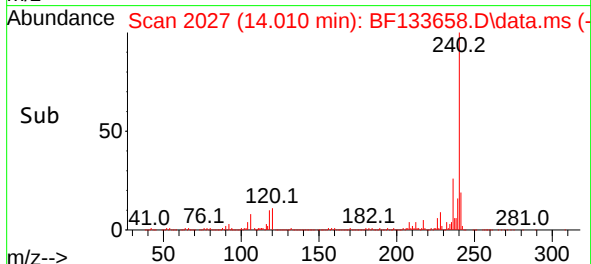
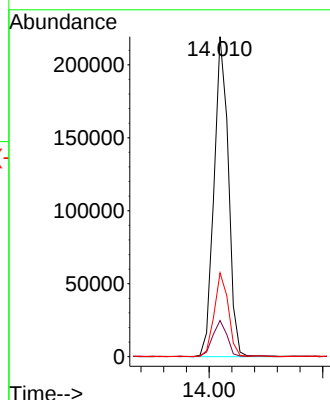
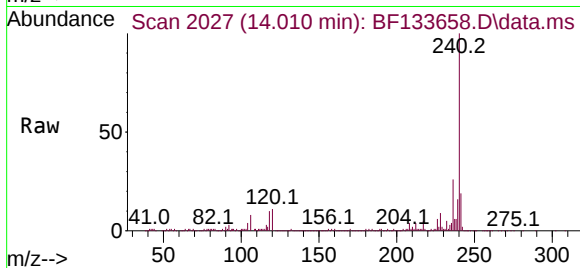
WC36

Tgt Ion:240 Resp: 193023
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.3 15.5
 236 26.2 20.5 30.7

Manual Integrations

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 Supervised By :mohammad ahmed 06/13/2023



#78

Pyrene

Concen: 10.555 ng

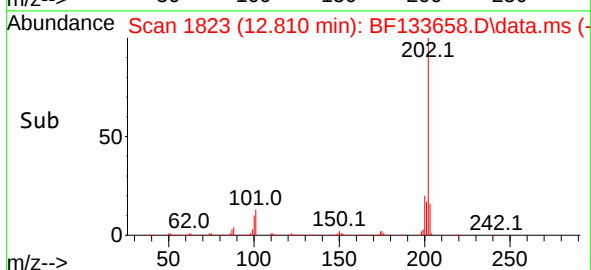
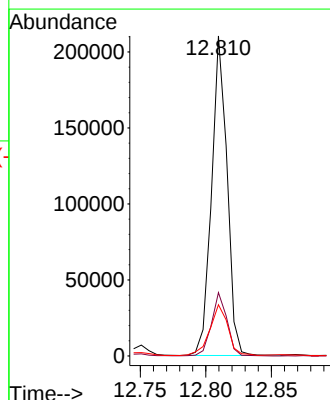
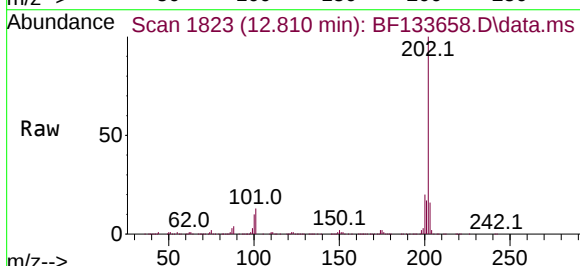
RT: 12.810 min Scan# 1823

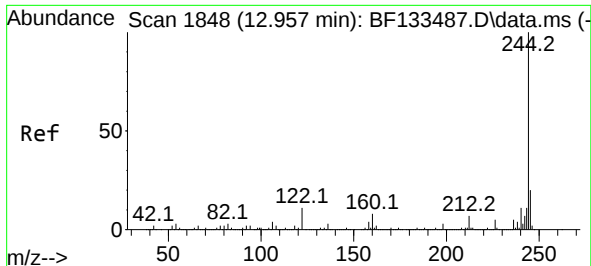
Delta R.T. -0.006 min

Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

Tgt Ion:202 Resp: 173373
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.3 24.5
 203 16.0 14.3 21.5





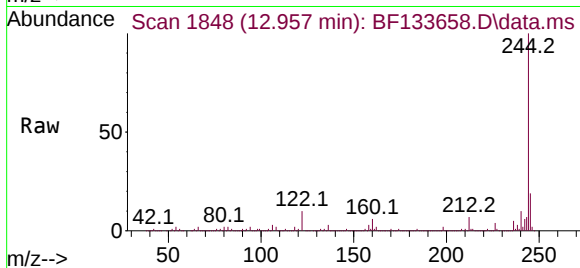
#79
 Terphenyl-d14
 Concen: 56.959 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133658.D
 Acq: 09 Jun 2023 01:00

Instrument :

BNA_F

ClientSampleId :

WC36

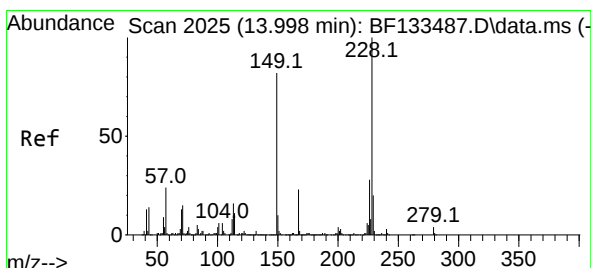
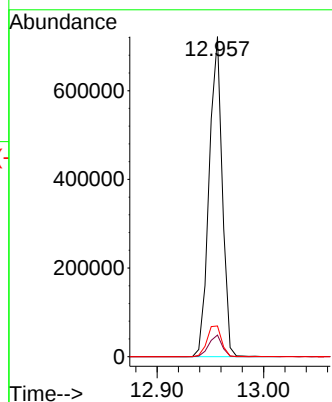
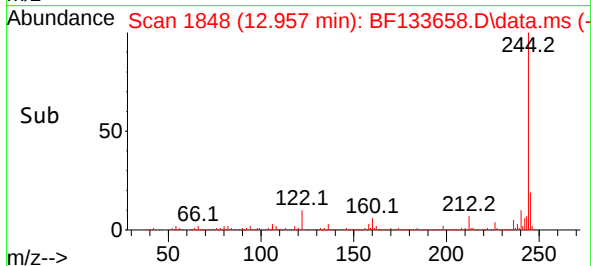


Tgt Ion:244 Resp: 61836
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.6 8.5 12.7

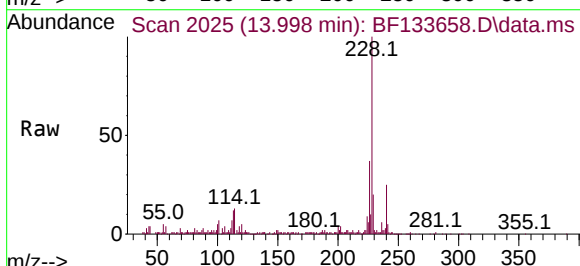
Manual Integrations

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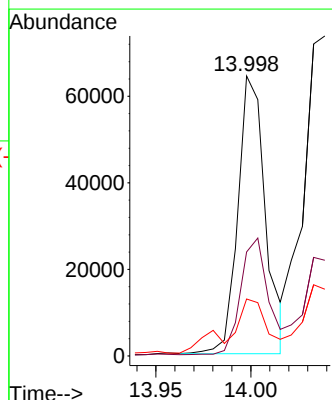
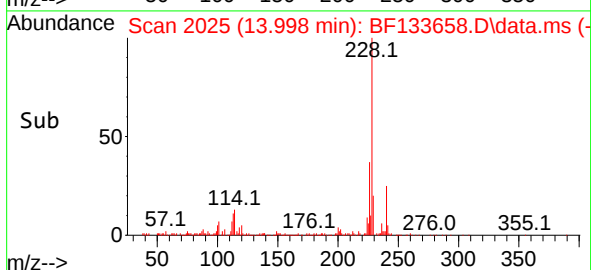
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

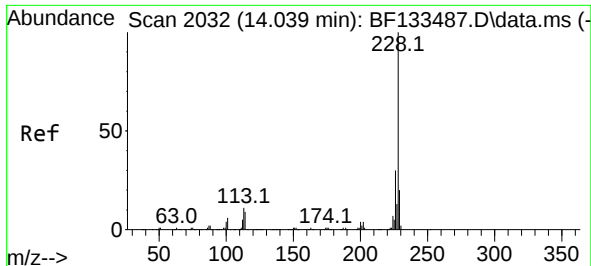


#81
 Benzo(a)anthracene
 Concen: 5.027 ng m
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.006 min
 Lab File: BF133658.D
 Acq: 09 Jun 2023 01:00



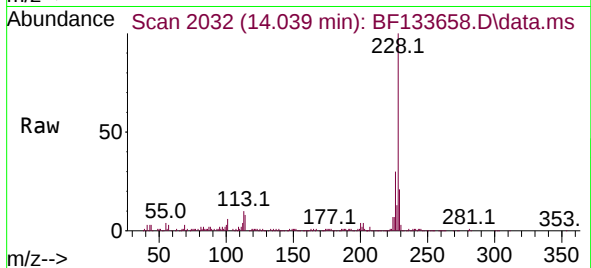
Tgt Ion:228 Resp: 64634
 Ion Ratio Lower Upper
 228 100
 226 37.1 22.3 33.5#
 229 20.4 16.1 24.1





#83
Chrysene
Concen: 6.029 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

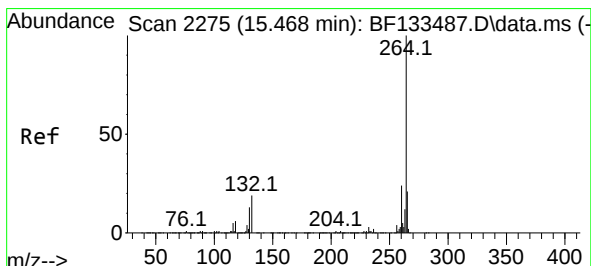
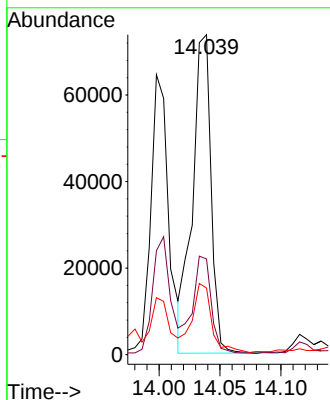
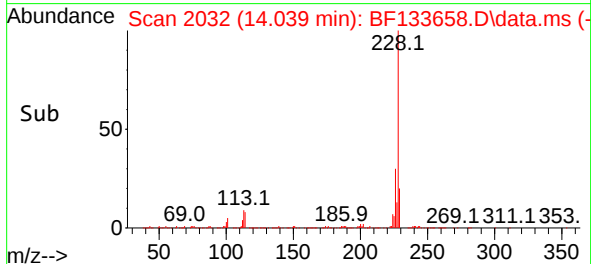
Instrument :
BNA_F
ClientSampleId :
WC36



Tgt Ion:228 Resp: 7825
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.8 15.8 23.8

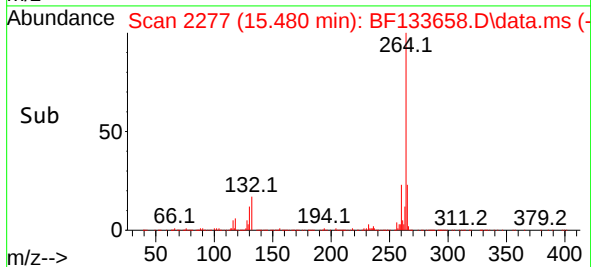
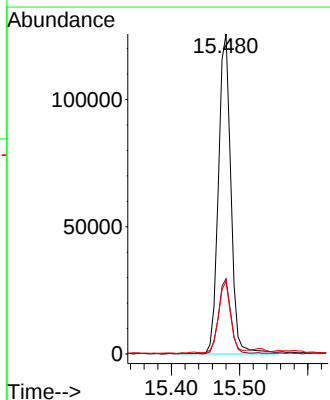
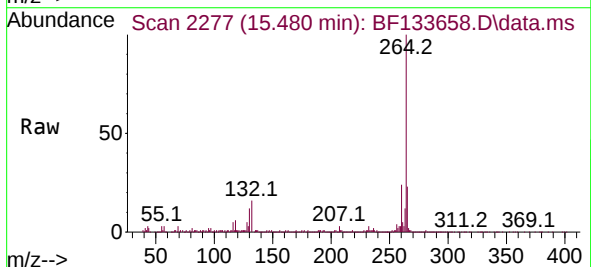
Manual Integrations
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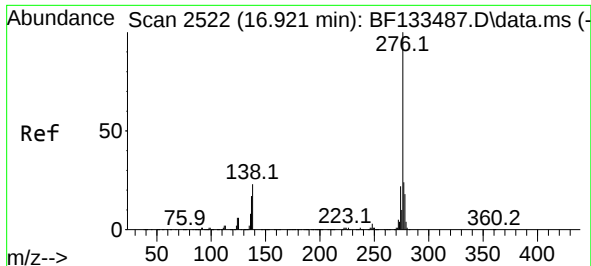
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

Tgt Ion:264 Resp: 160656
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.7 16.8 25.2





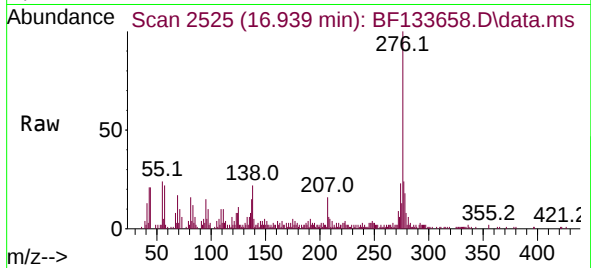
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.243 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00

Instrument :

BNA_F

ClientSampleId :

WC36

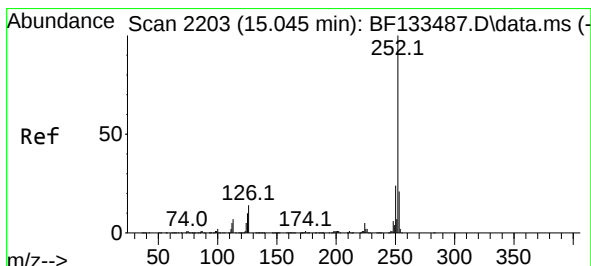
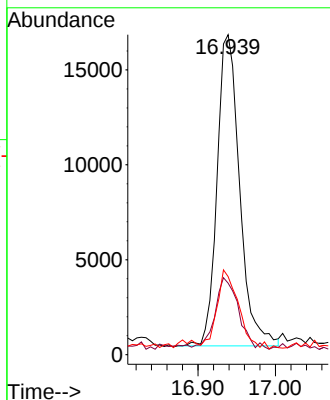
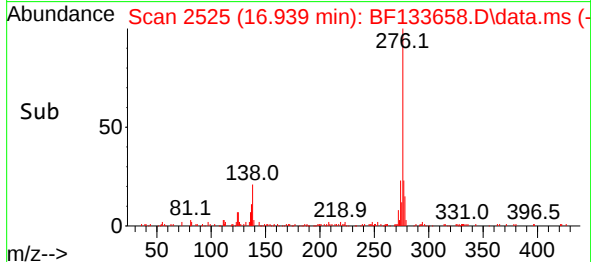


Tgt Ion:276 Resp: 3319
Ion Ratio Lower Upper
276 100
138 24.2 21.4 32.2
277 23.8 20.0 30.0

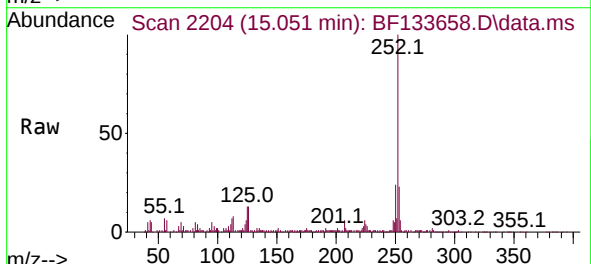
Manual Integrations

APPROVED

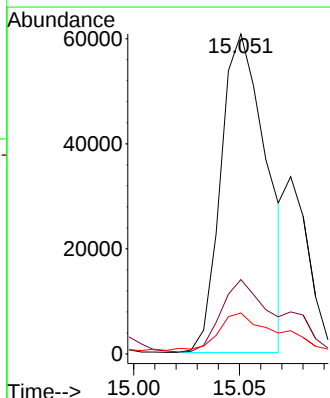
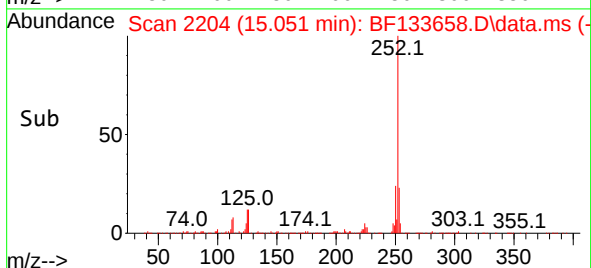
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

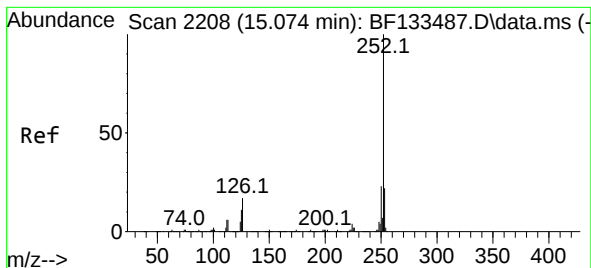


#88
Benzo(b)fluoranthene
Concen: 8.691 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF133658.D
Acq: 09 Jun 2023 01:00



Tgt Ion:252 Resp: 90920
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 12.8 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.546 ng m

RT: 15.074 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

Instrument :

BNA_F

ClientSampleId :

WC36

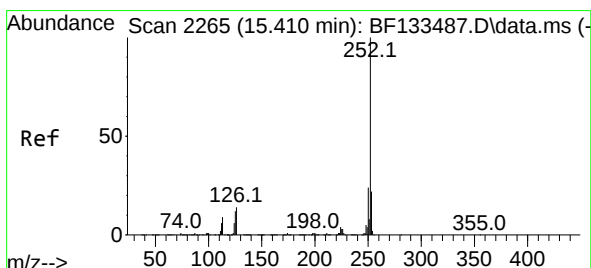
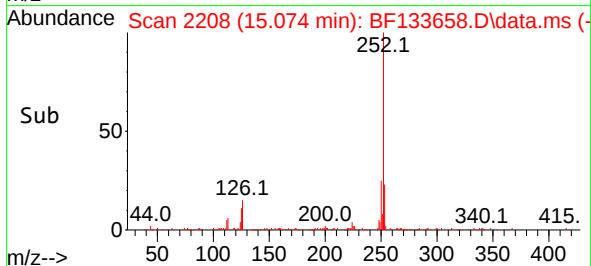
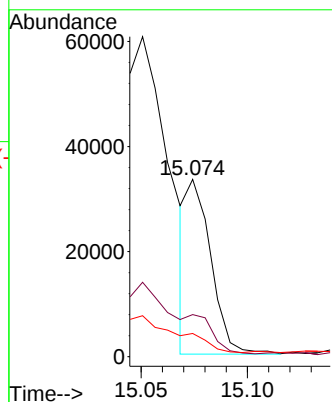
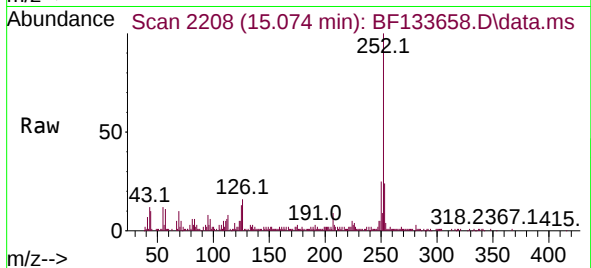
Tgt Ion:252 Resp: 25972
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.4 26.2
 125 13.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#90

Benzo(a)pyrene

Concen: 5.504 ng

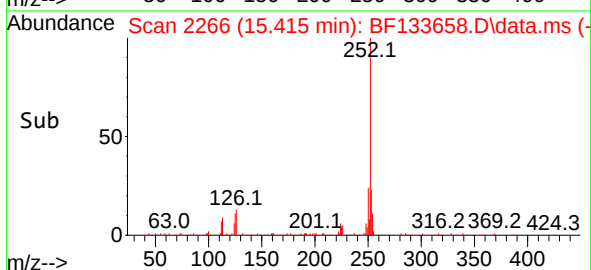
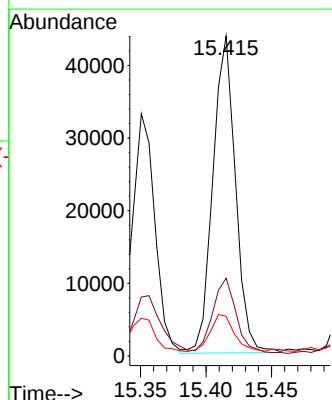
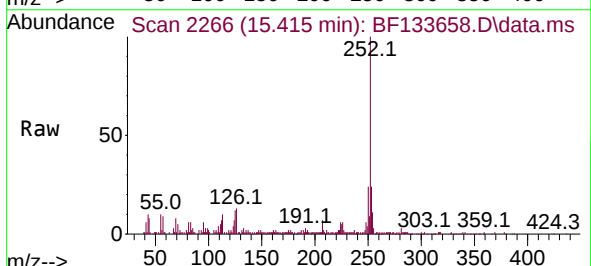
RT: 15.415 min Scan# 2266

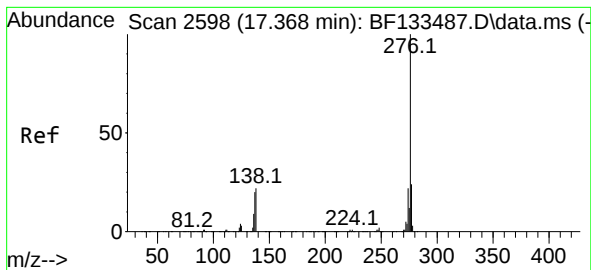
Delta R.T. 0.000 min

Lab File: BF133658.D

Acq: 09 Jun 2023 01:00

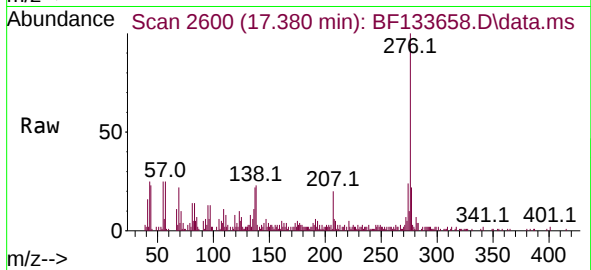
Tgt Ion:252 Resp: 52394
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.0
 125 12.4 9.4 14.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.762 ng
 RT: 17.380 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF133658.D
 Acq: 09 Jun 2023 01:00

Instrument :
 BNA_F
 ClientSampleId :
 WC36



Tgt Ion:	276	Resp:	31470
Ion Ratio	Lower	Upper	
276	100		
277	21.8	18.8	28.2
138	23.4	17.8	26.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

