

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138047.D
 Acq On : 28 May 2024 15:08
 Operator : CG\JU
 Sample : P2597-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-052324

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 15:33:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	136987	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	499192	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	240118	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	329754	20.000	ng	0.00
76) Chrysene-d12	14.227	240	270262	20.000	ng	0.00
86) Perylene-d12	15.798	264	211074	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	125705	15.587	ng	-0.01
7) Phenol-d6	6.646	99	155657	15.669	ng	-0.01
23) Nitrobenzene-d5	7.593	82	89016	10.494	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	31516	13.017	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	198434	12.730	ng	0.00
79) Terphenyl-d14	13.163	244	164404	8.965	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.598	178	92901	5.717	ng	99
75) Fluoranthene	12.798	202	152168	9.226	ng	100
78) Pyrene	13.027	202	149170	6.311	ng	99
81) Benzo(a)anthracene	14.216	228	63211	3.697	ng	96
83) Chrysene	14.251	228	61189m	3.742	ng	
88) Benzo(b)fluoranthene	15.321	252	55210m	4.518	ng	
90) Benzo(a)pyrene	15.727	252	35971	3.447	ng	# 88

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

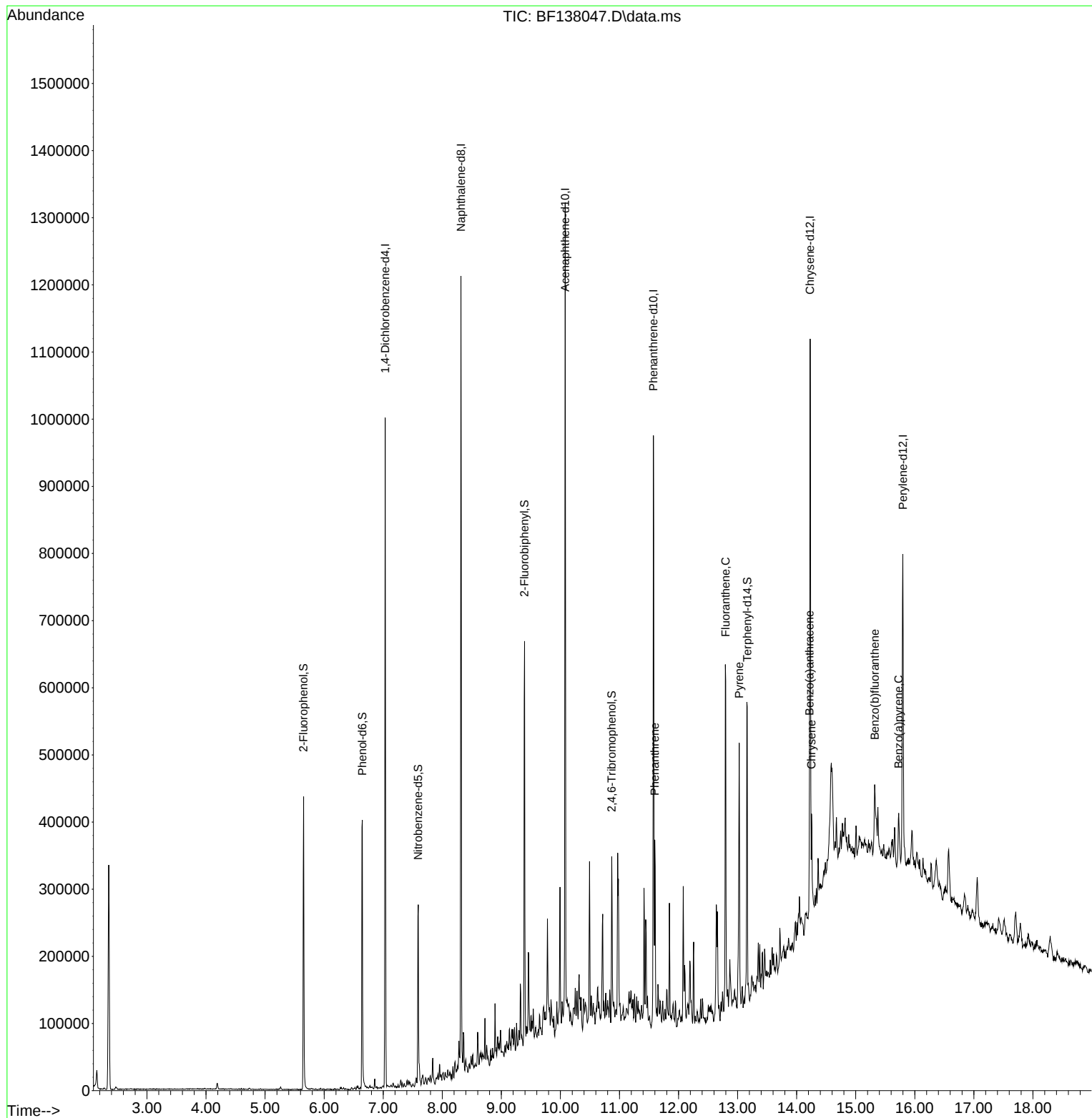
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138047.D
Acq On : 28 May 2024 15:08
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Misc :
ALS Vial : 11 Sample Multiplier: 1

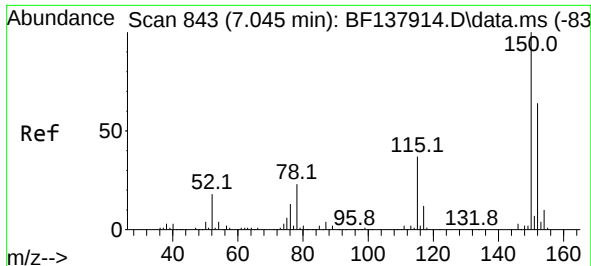
Instrument :
BNA_F
ClientSampleId :
PL-01-052324

Quant Time: May 28 15:33:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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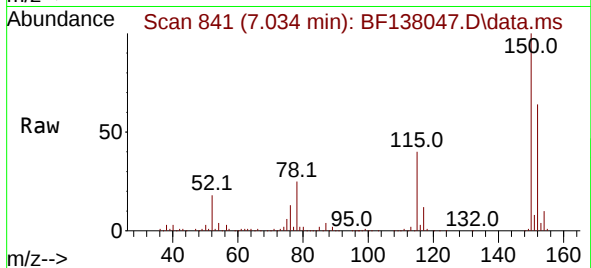
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

PL-01-052324

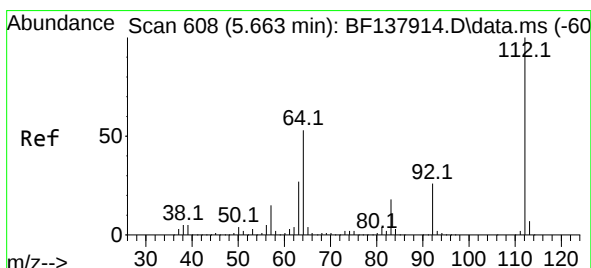
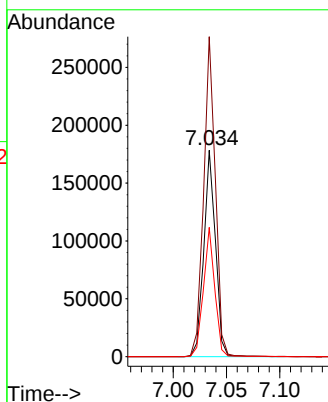
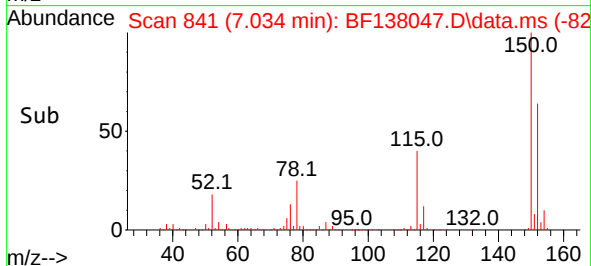


Tgt Ion:152 Resp: 13698
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 62.6 47.0 70.6

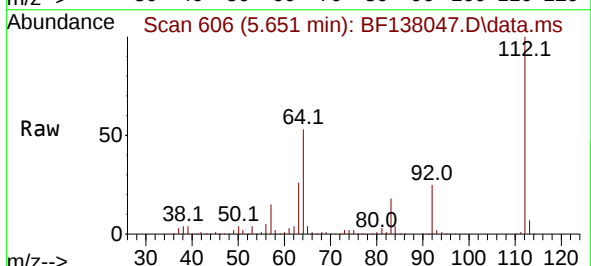
Manual Integrations

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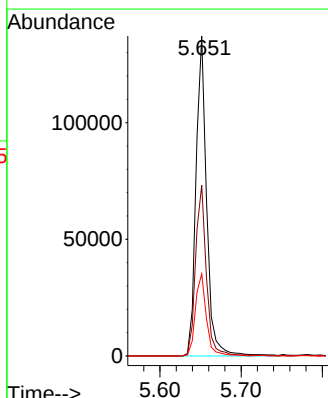
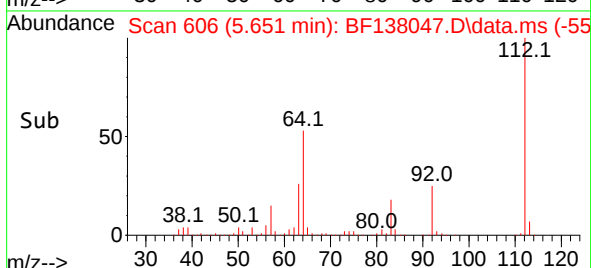
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

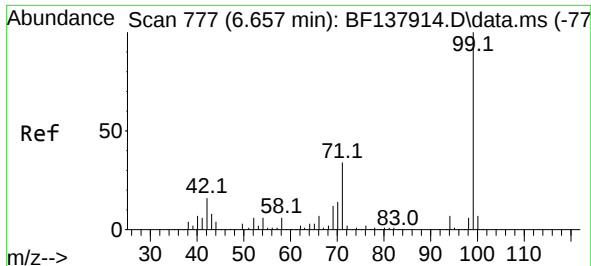


#5
2-Fluorophenol
Concen: 15.587 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08



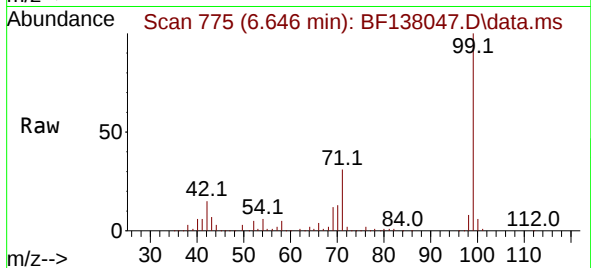
Tgt Ion:112 Resp: 125705
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 25.7 21.4 32.2





#7
Phenol-d6
Concen: 15.669 ng
RT: 6.646 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

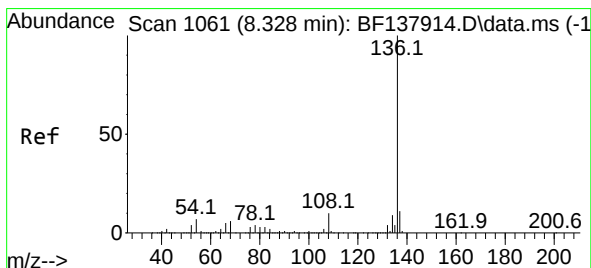
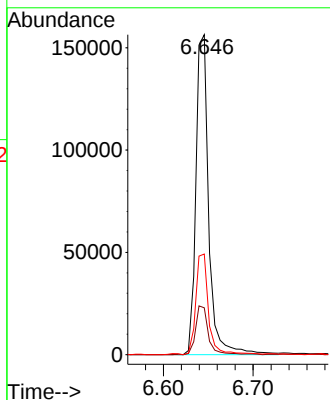
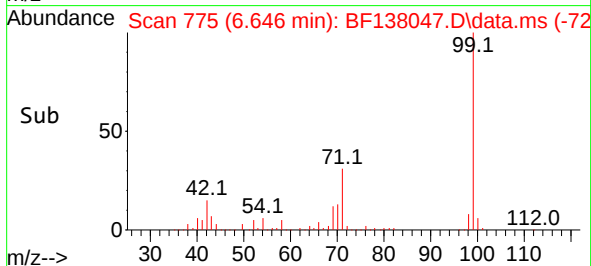
Instrument :
BNA_F
ClientSampleId :
PL-01-052324



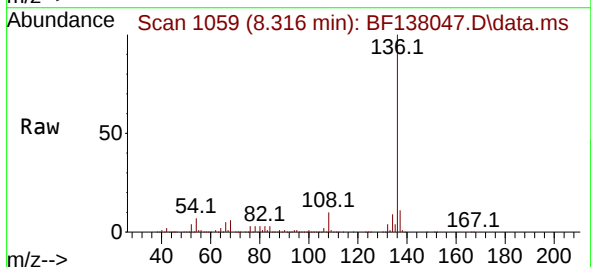
Tgt Ion: 99 Resp: 15565
Ion Ratio Lower Upper
99 100
42 14.7 12.6 18.8
71 31.5 27.1 40.7

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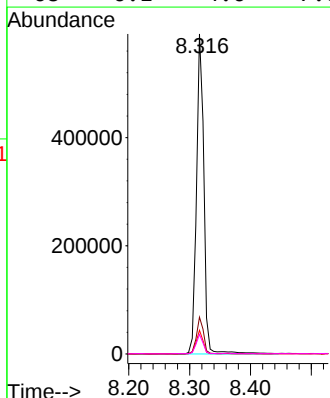
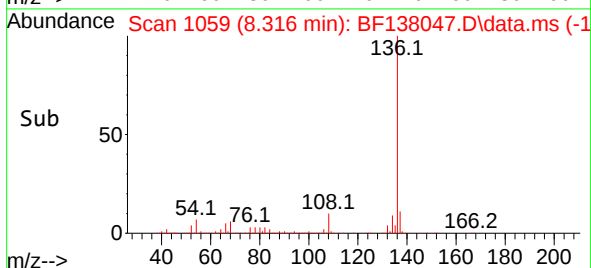
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

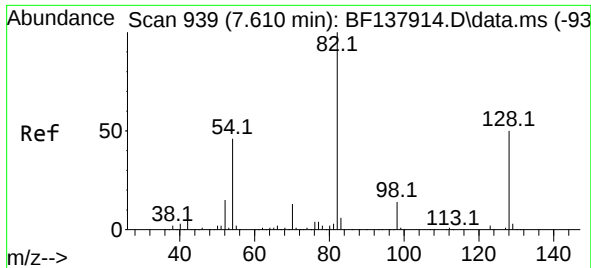


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08



Tgt Ion:136 Resp: 499192
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 7.4 5.4 8.2
68 6.1 4.6 7.0





#23
Nitrobenzene-d5
Concen: 10.494 ng
RT: 7.593 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :

BNA_F

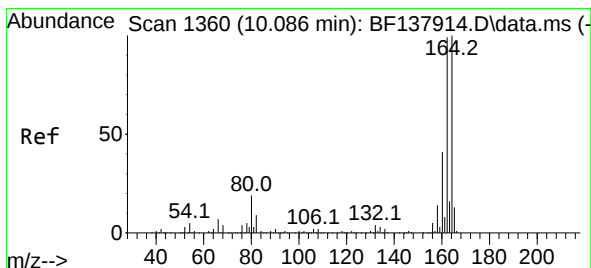
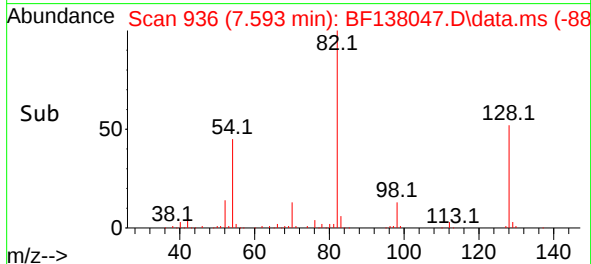
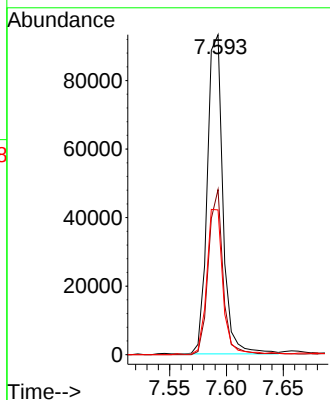
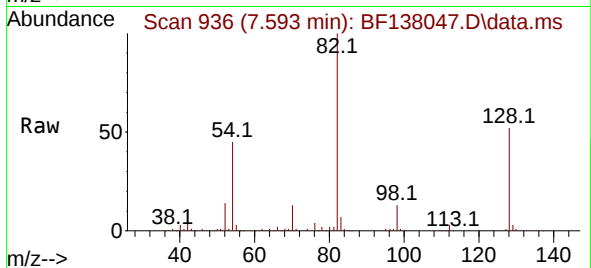
ClientSampleId :

PL-01-052324

Tgt Ion: 82 Resp: 89010
Ion Ratio Lower Upper
82 100
128 51.6 40.3 60.5
54 45.2 36.8 55.2

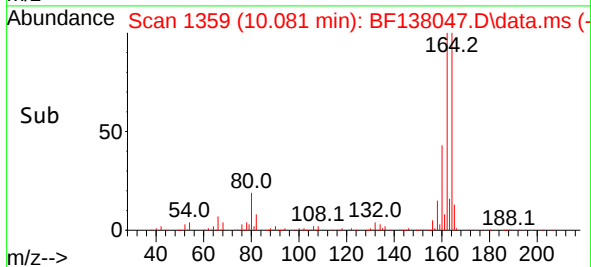
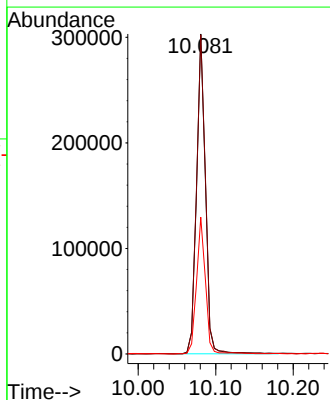
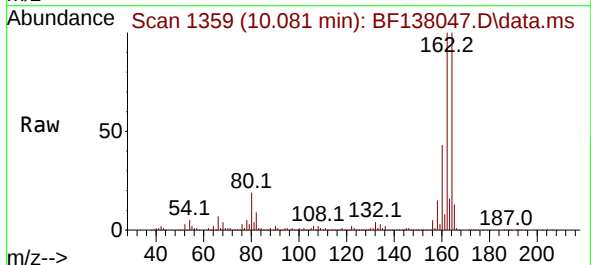
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Supervised By :mohammad ahmed 05/30/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Tgt Ion:164 Resp: 240118
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 42.7 33.1 49.7





#42
2,4,6-Tribromophenol
Concen: 13.017 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

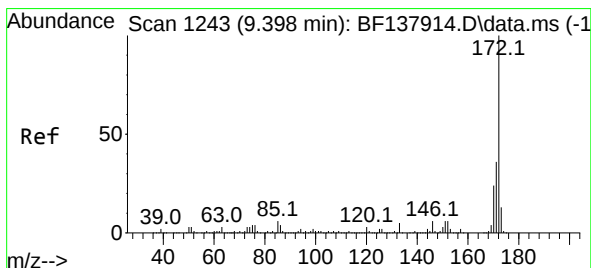
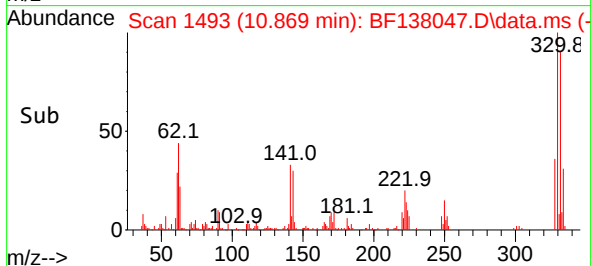
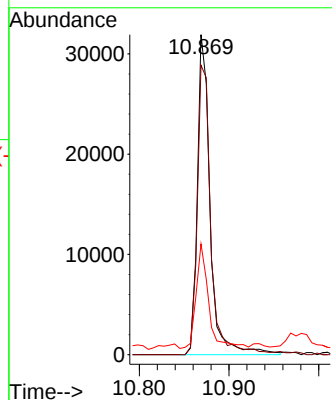
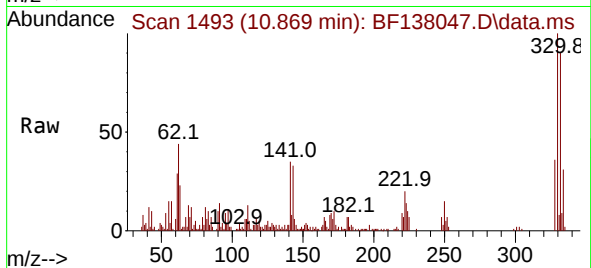
PL-01-052324

Tgt Ion:330 Resp: 31510
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 33.4 23.8 35.6

Manual Integrations

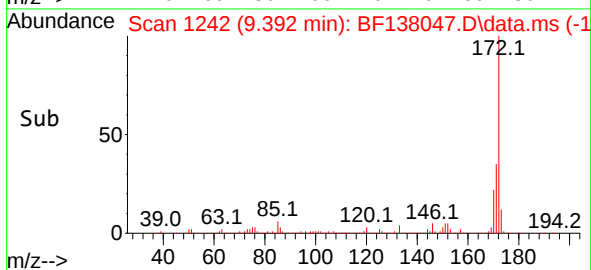
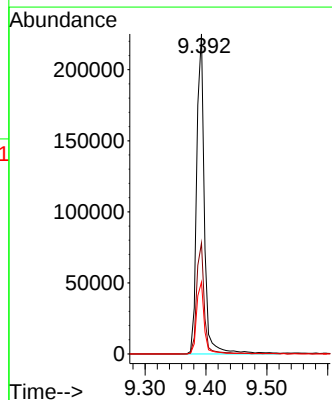
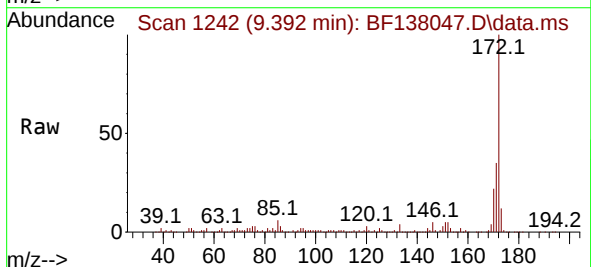
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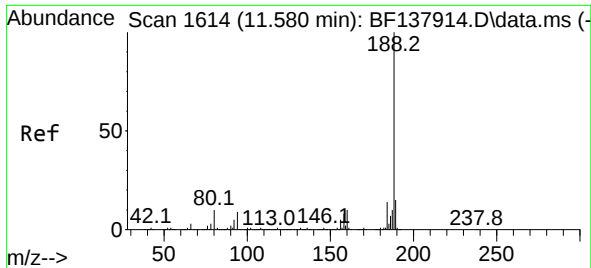
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Supervised By :mohammad ahmed 05/30/2024



#45
2-Fluorobiphenyl
Concen: 12.730 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Tgt Ion:172 Resp: 198434
Ion Ratio Lower Upper
172 100
171 34.7 28.9 43.3
170 22.5 18.9 28.3





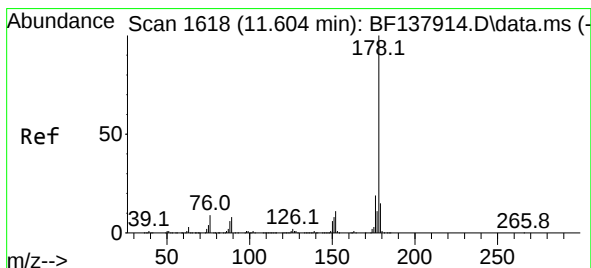
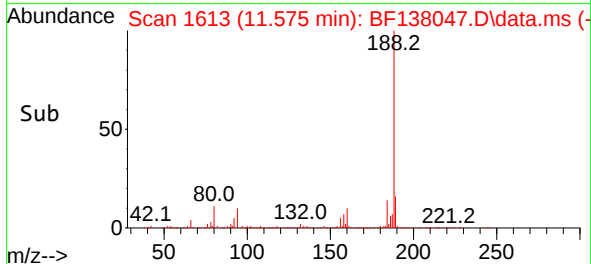
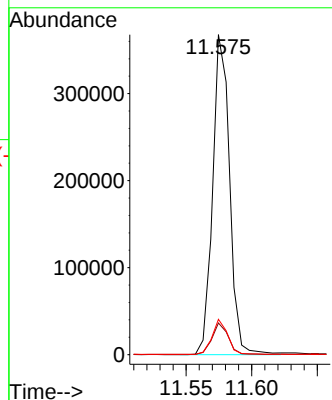
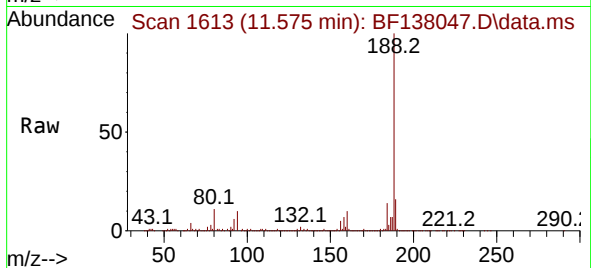
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :
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ClientSampleId :
PL-01-052324

Tgt Ion:188 Resp: 329754
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 11.1 7.7 11.5

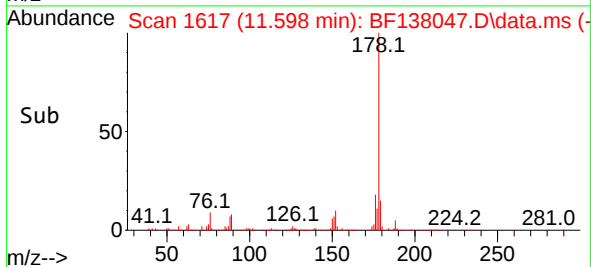
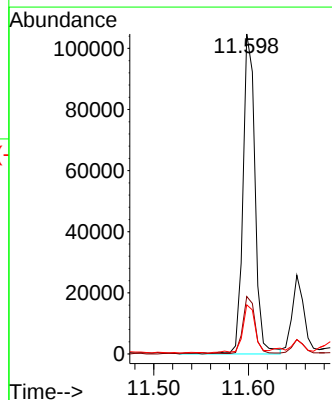
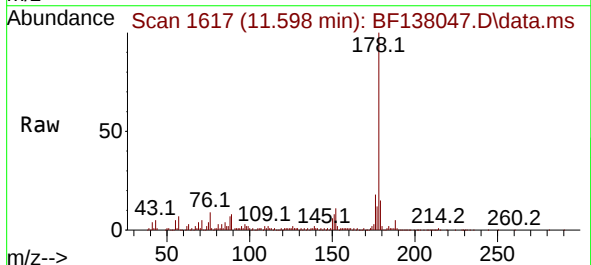
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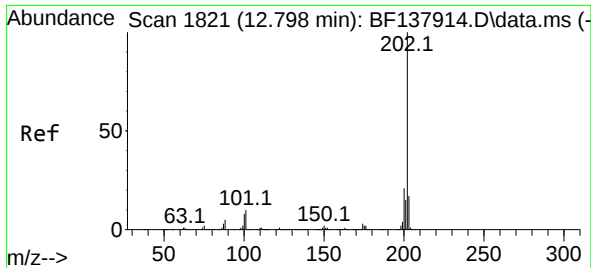
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Supervised By :mohammad ahmed 05/30/2024



#71
Phenanthrene
Concen: 5.717 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Tgt Ion:178 Resp: 92901
Ion Ratio Lower Upper
178 100
176 17.9 15.2 22.8
179 15.3 12.2 18.4





#75
Fluoranthene
Concen: 9.226 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

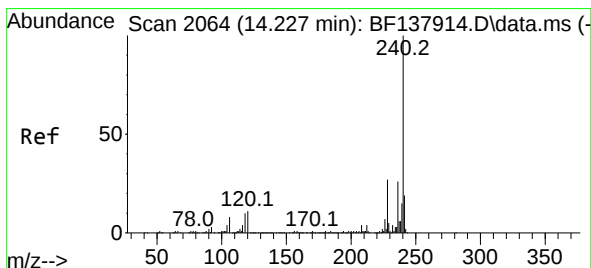
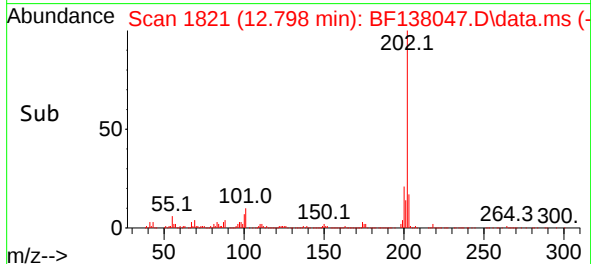
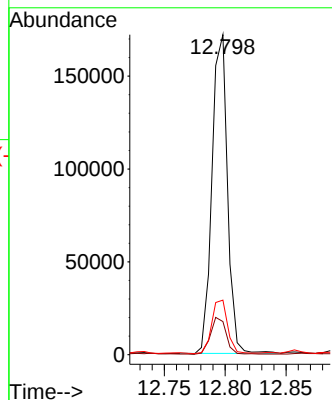
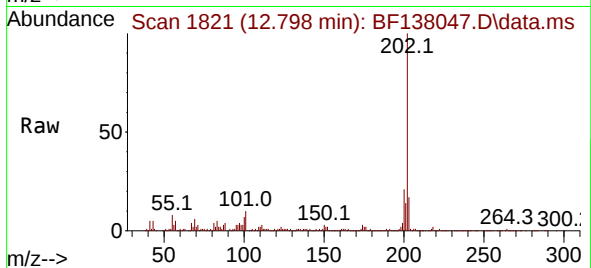
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Tgt Ion:202 Resp: 152168
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.1 0.0 37.3

Manual Integrations

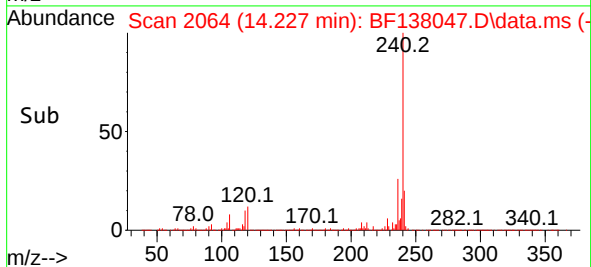
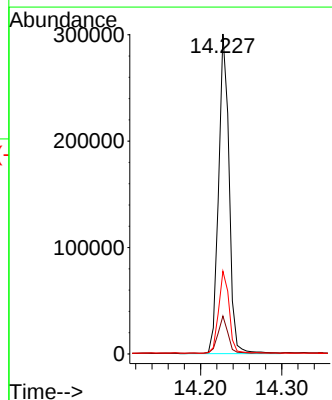
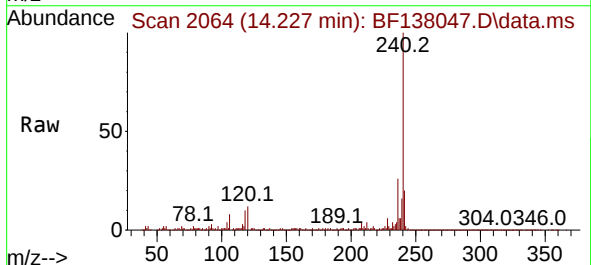
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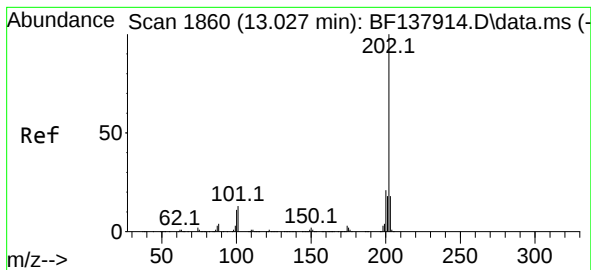
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Tgt Ion:240 Resp: 270262
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.8 21.0 31.4





#78

Pyrene

Concen: 6.311 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF138047.D

Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

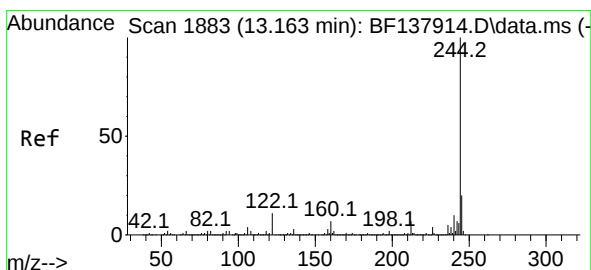
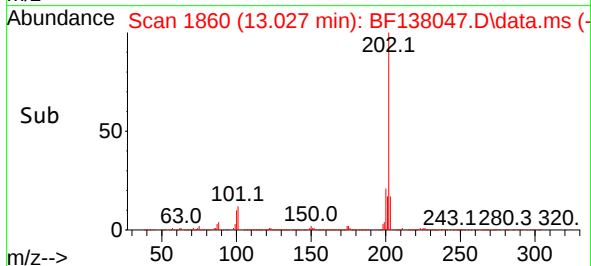
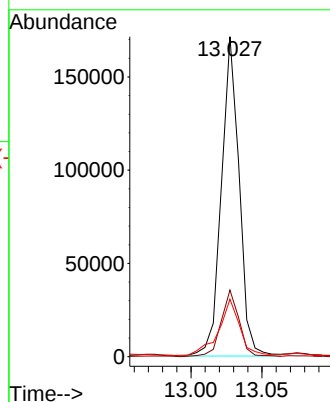
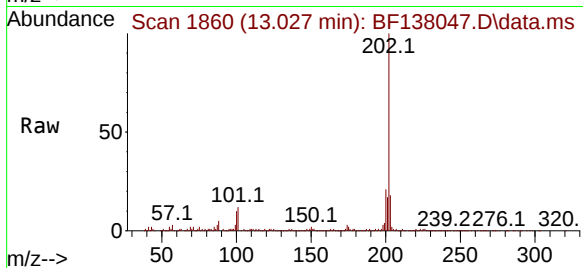
PL-01-052324

Tgt Ion:	202	Resp:	149170
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	18.0	14.1	21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 8.965 ng

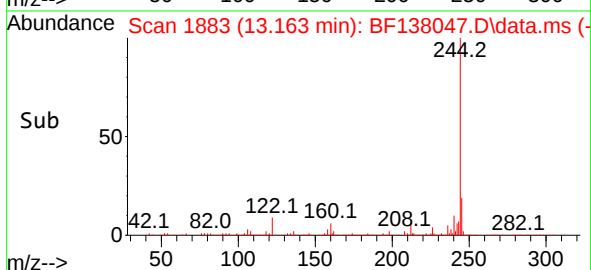
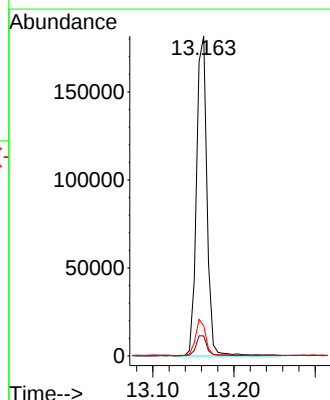
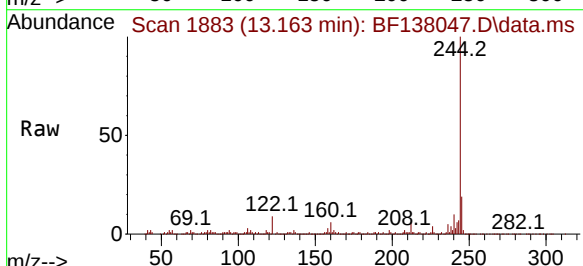
RT: 13.163 min Scan# 1883

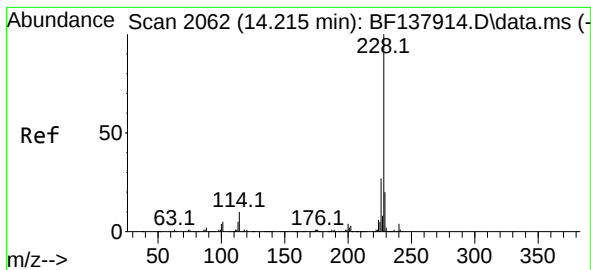
Delta R.T. 0.000 min

Lab File: BF138047.D

Acq: 28 May 2024 15:08

Tgt Ion:	244	Resp:	164404
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.6	8.4
122	9.4	8.8	13.2





#81

Benzo(a)anthracene

Concen: 3.697 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF138047.D

Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

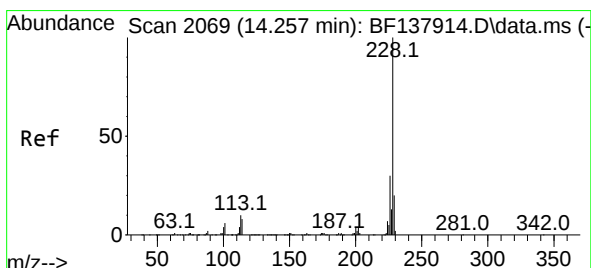
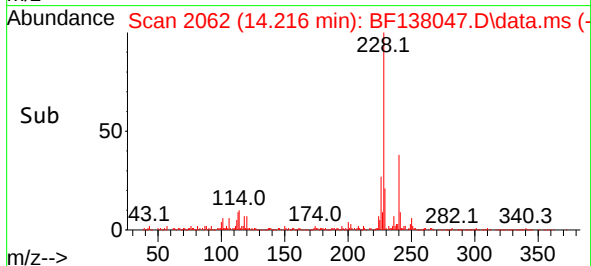
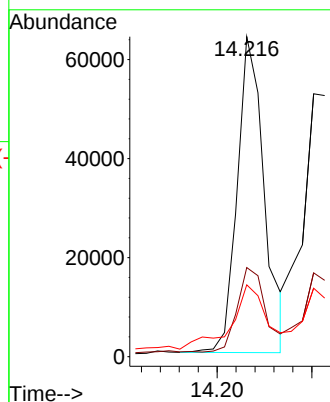
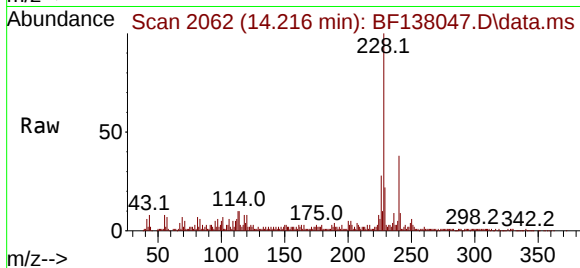
PL-01-052324

Tgt Ion:	228	Resp:	6321
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.3	31.9
229	22.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#83

Chrysene

Concen: 3.742 ng m

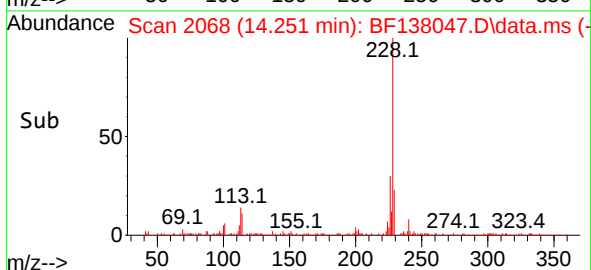
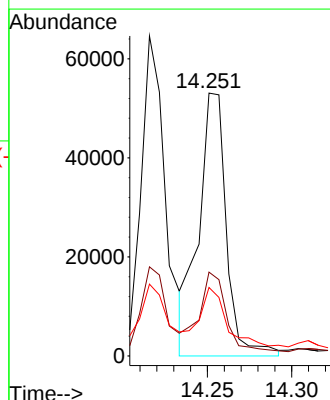
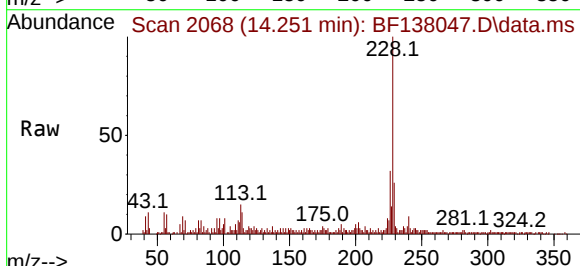
RT: 14.251 min Scan# 2068

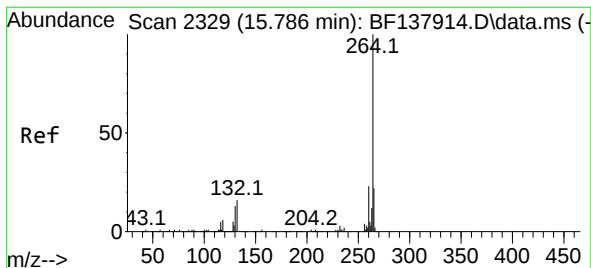
Delta R.T. -0.006 min

Lab File: BF138047.D

Acq: 28 May 2024 15:08

Tgt Ion:	228	Resp:	61189
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.8	35.8
229	26.0	15.6	23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 211074

Delta R.T. 0.012 min

Lab File: BF138047.D

Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

PL-01-052324

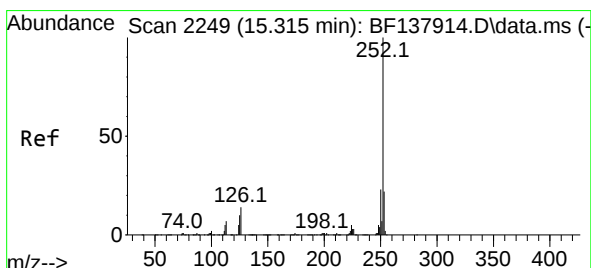
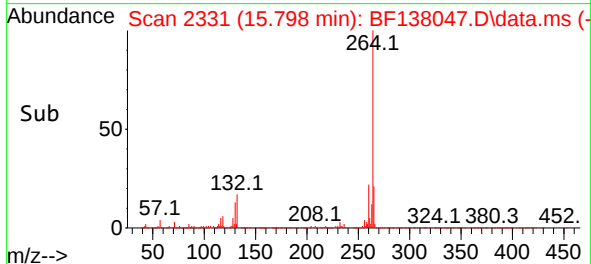
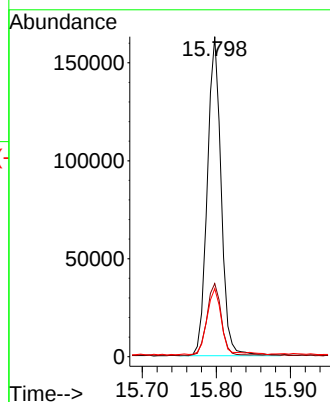
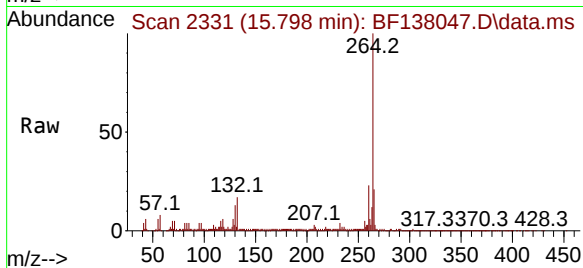
Tgt Ion:264 Resp: 211074

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.3	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#88

Benzo(b)fluoranthene

Concen: 4.518 ng m

RT: 15.321 min Scan# 2250

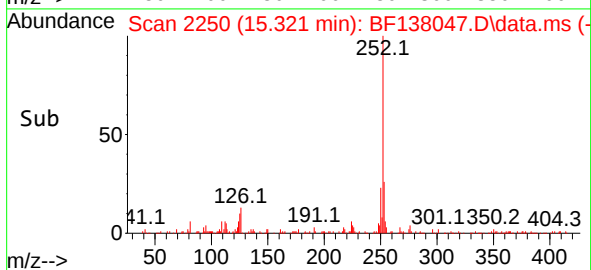
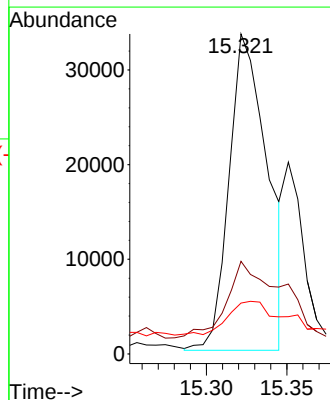
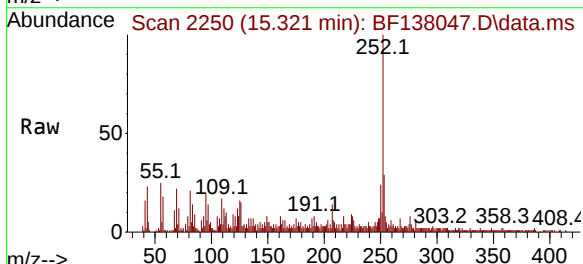
Delta R.T. 0.006 min

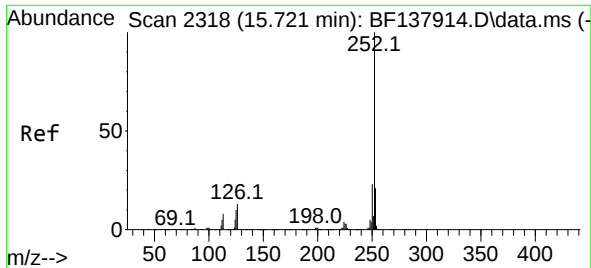
Lab File: BF138047.D

Acq: 28 May 2024 15:08

Tgt Ion:252 Resp: 55210

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.6	26.4#
125	15.9	8.2	12.4#





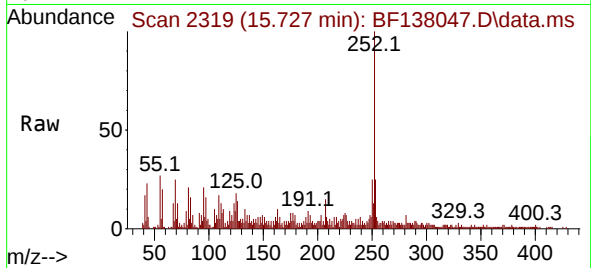
#90
Benzo(a)pyrene
Concen: 3.447 ng
RT: 15.727 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138047.D
Acq: 28 May 2024 15:08

Instrument :

BNA_F

ClientSampleId :

PL-01-052324



Tgt Ion:252 Resp: 3597
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 17.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

