

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137574.D
 Acq On : 13 Mar 2024 13:42
 Operator : CG\JU
 Sample : P1725-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 15:47:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	214800	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	837945	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	478637	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	846299	20.000	ng	0.00
76) Chrysene-d12	14.098	240	533934	20.000	ng	0.00
86) Perylene-d12	15.651	264	522993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1260978	88.911	ng	0.01
7) Phenol-d6	6.551	99	1749122	85.439	ng	0.00
23) Nitrobenzene-d5	7.463	82	1092252	60.565	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	424159	100.912	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1751352	57.277	ng	0.00
79) Terphenyl-d14	13.039	244	1864538	48.020	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.651	202	283066	6.288	ng	100
78) Pyrene	12.880	202	224883	4.292	ng	98
81) Benzo(a)anthracene	14.086	228	82949	2.217	ng	99
83) Chrysene	14.121	228	118376	3.130	ng	99
88) Benzo(b)fluoranthene	15.186	252	130731m	4.226	ng	

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

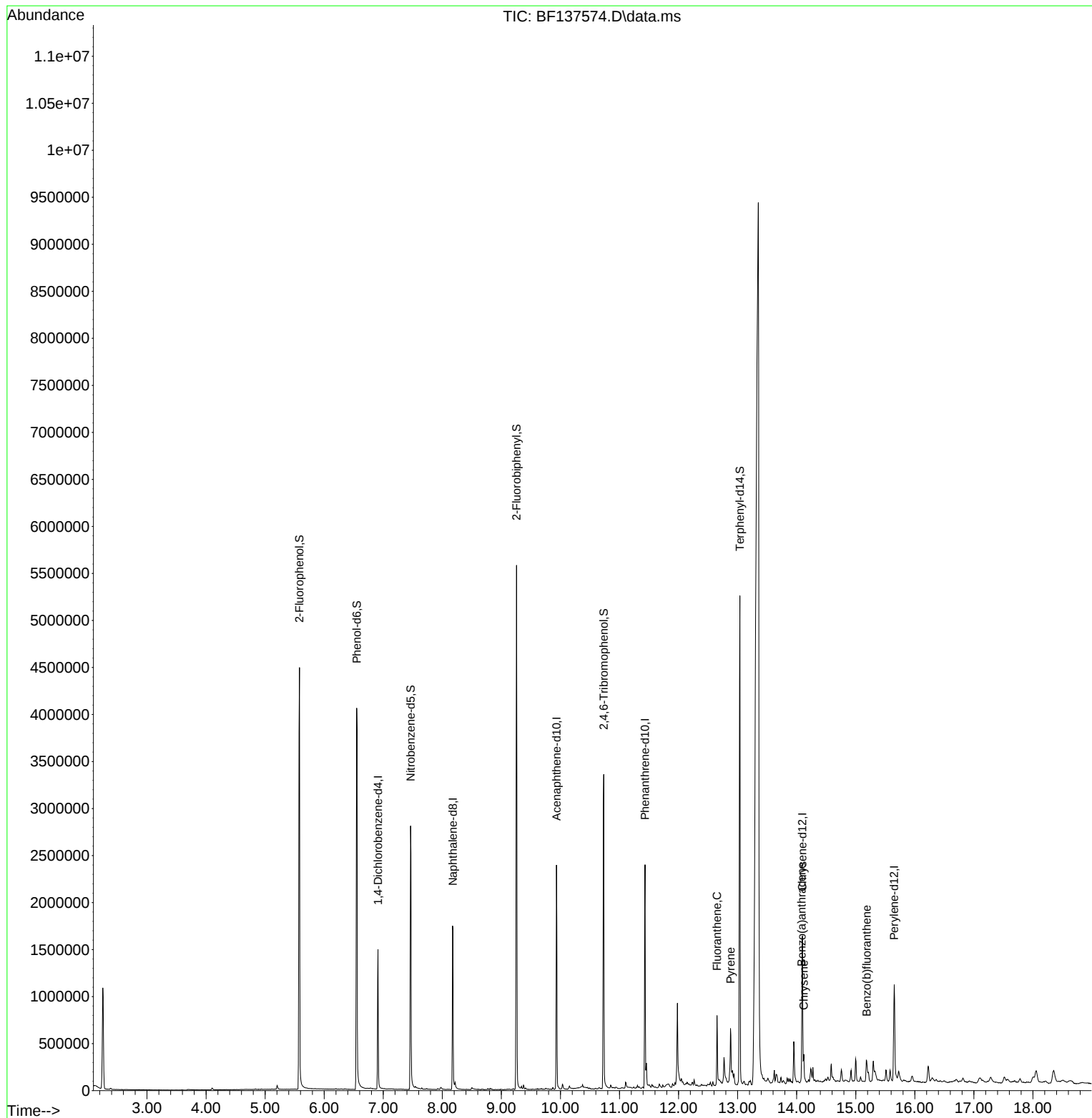
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137574.D
Acq On : 13 Mar 2024 13:42
Operator : CG\JU
Sample : P1725-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

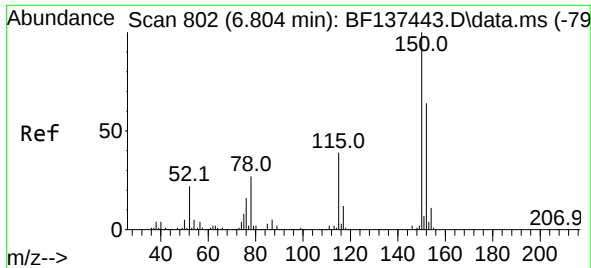
Instrument :
BNA_F
ClientSampleId :
RT-3860

Quant Time: Mar 13 15:47:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
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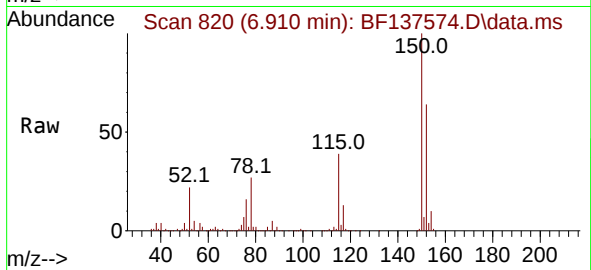
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

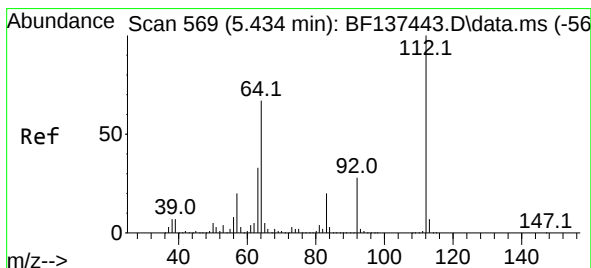
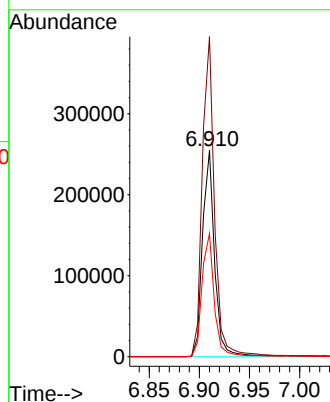
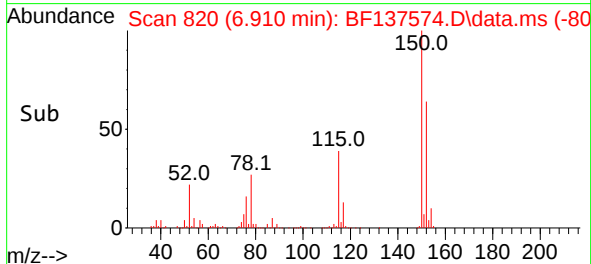
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:152 Resp: 214800
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 59.7 48.8 73.2

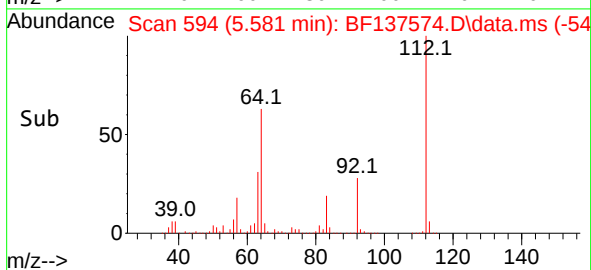
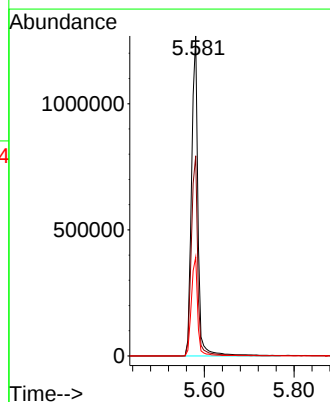
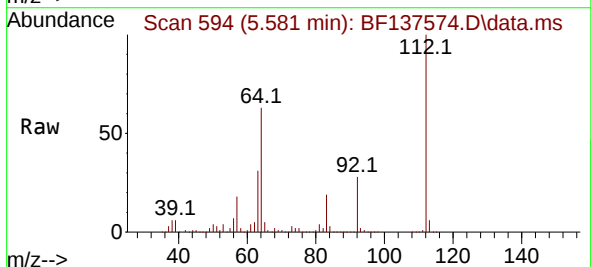
Manual Integrations
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Supervised By :mohammad ahmed 03/15/2024



#5
2-Fluorophenol
Concen: 88.911 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

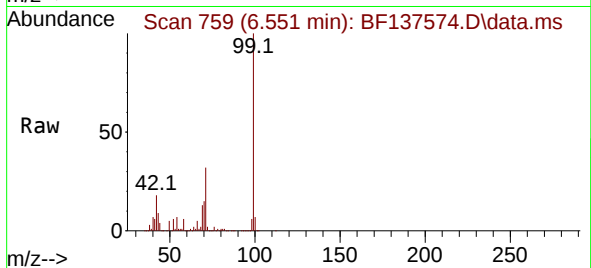
Tgt Ion:112 Resp: 1260978
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 30.9 26.2 39.2





#7
Phenol-d6
Concen: 85.439 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

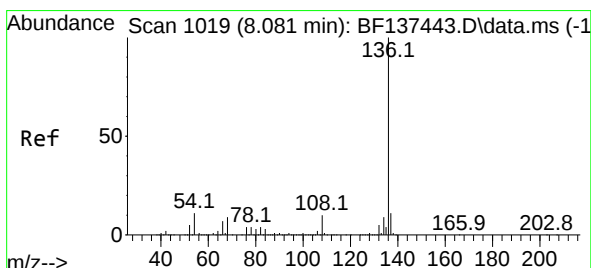
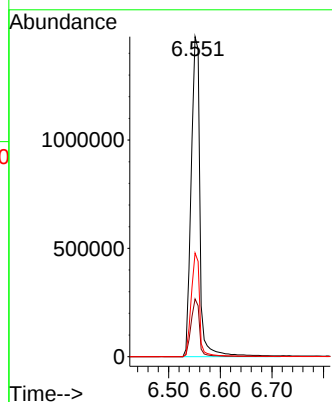
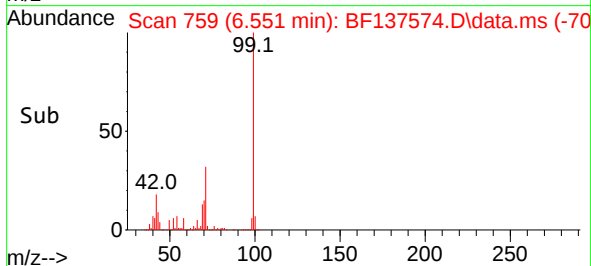
Instrument :
BNA_F
ClientSampleId :
RT-3860



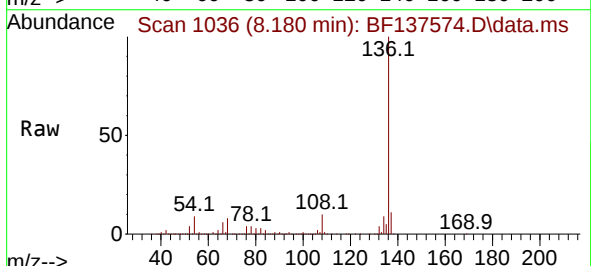
Tgt Ion: 99 Resp: 174912
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 32.4 25.3 37.9

Manual Integrations
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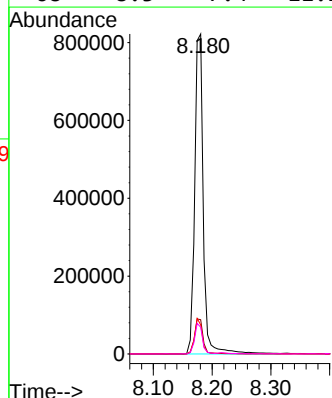
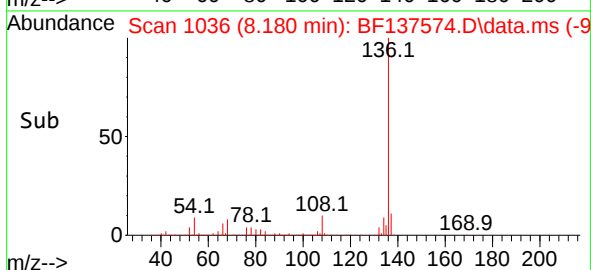
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42



Tgt Ion:136 Resp: 837945
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.1 8.5 12.7
68 8.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 60.565 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tgt Ion: 82 Resp: 109225

Ion Ratio Lower Upper

82 100

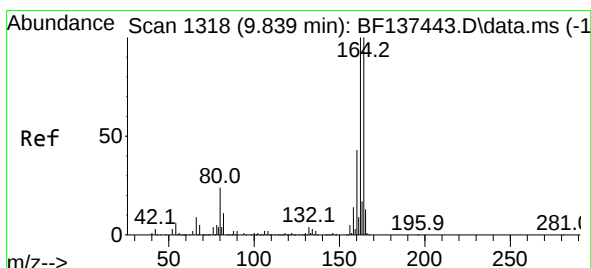
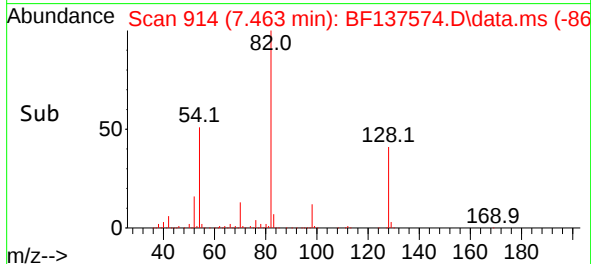
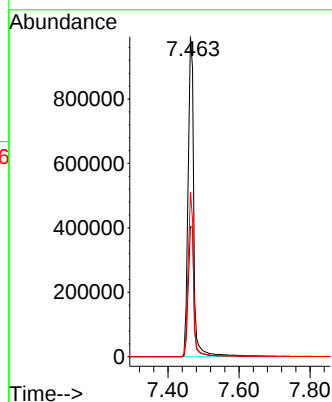
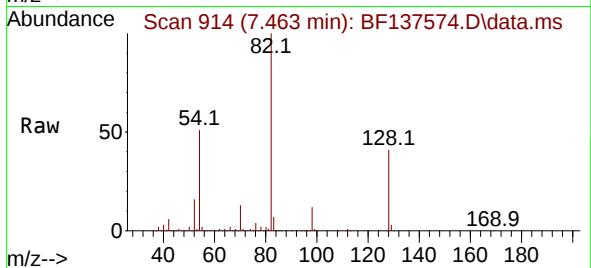
128 40.6 32.5 48.7

54 51.4 41.5 62.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

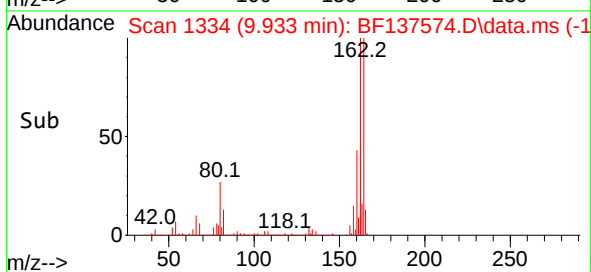
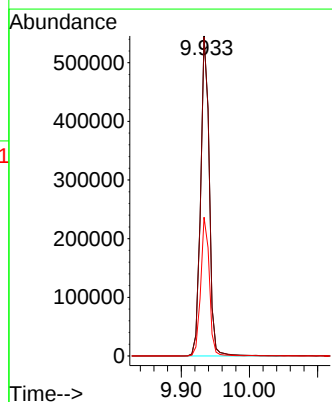
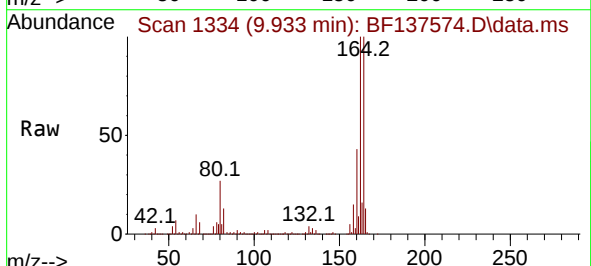
Tgt Ion:164 Resp: 478637

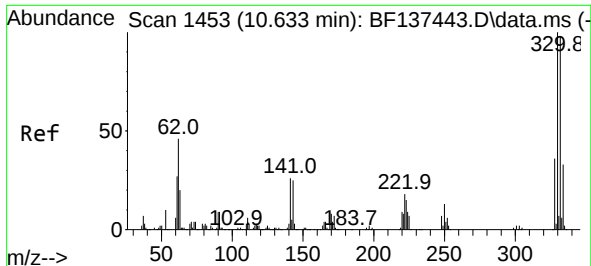
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

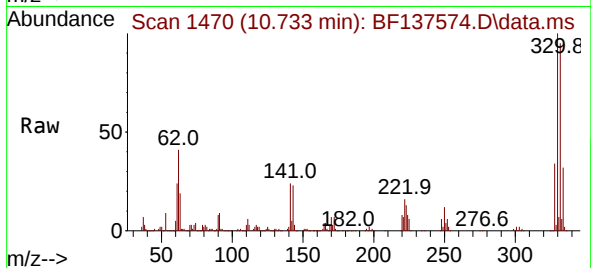
160 43.3 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 100.912 ng
RT: 10.733 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

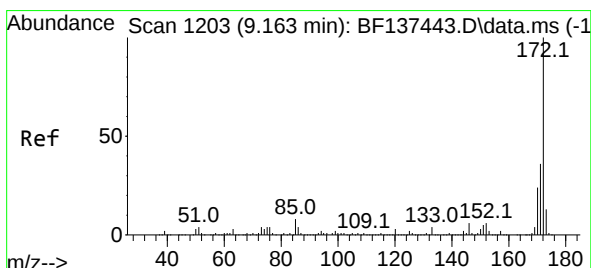
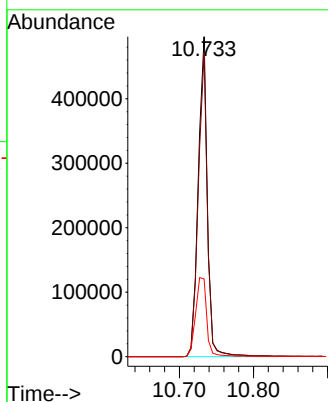
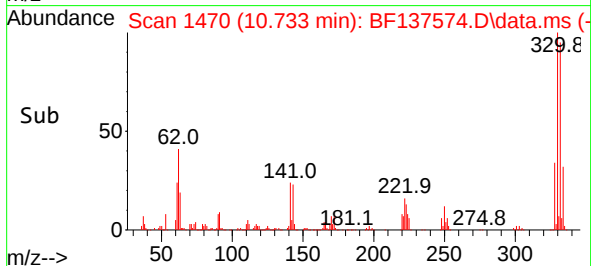
Instrument :
BNA_F
ClientSampleId :
RT-3860



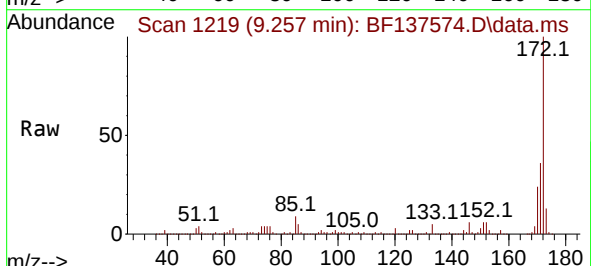
Tgt Ion:330 Resp: 424159
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 30.3 27.3 40.9

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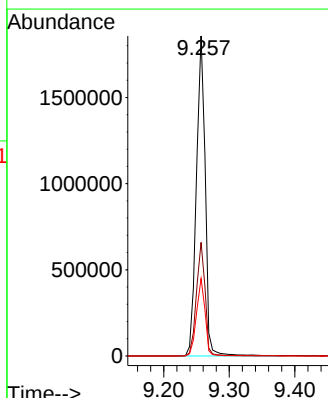
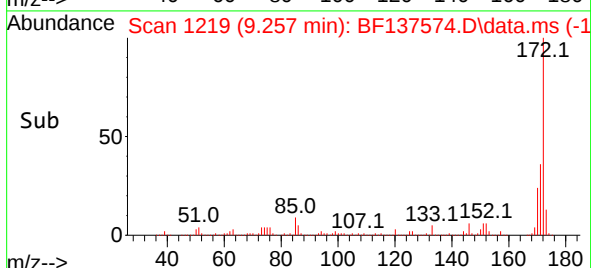
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

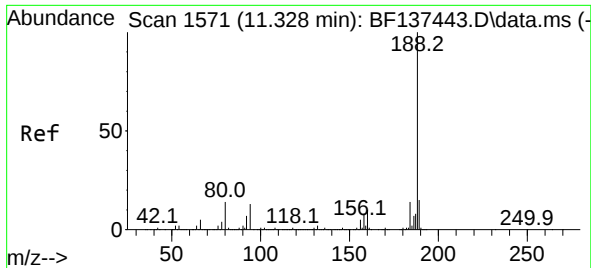


#45
2-Fluorobiphenyl
Concen: 57.277 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42



Tgt Ion:172 Resp: 1751352
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 19.0 28.6





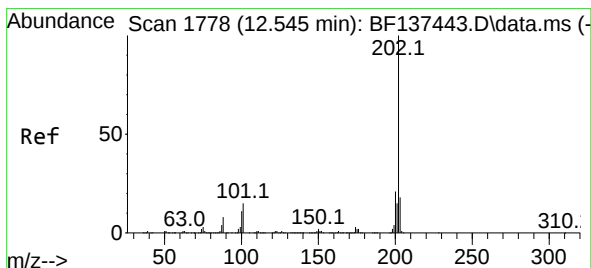
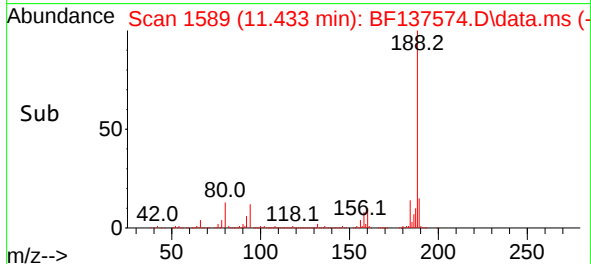
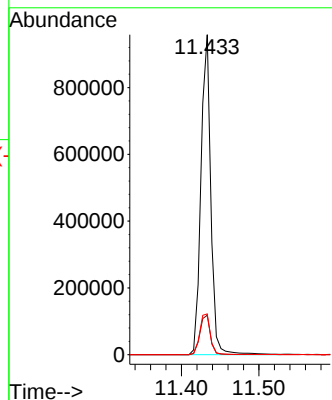
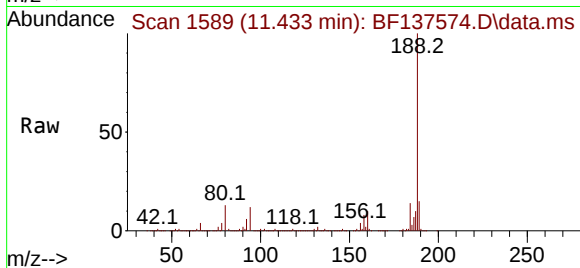
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tgt Ion:188 Resp: 846299
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.7 11.5 17.3

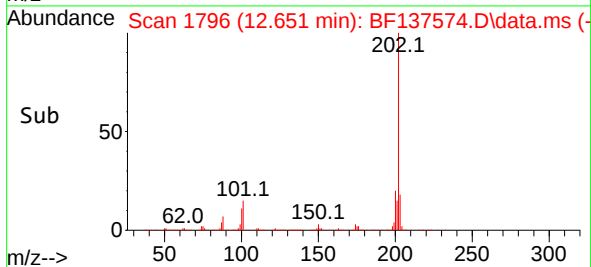
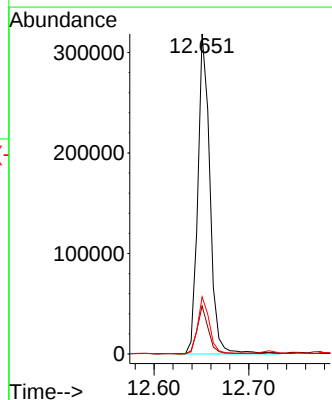
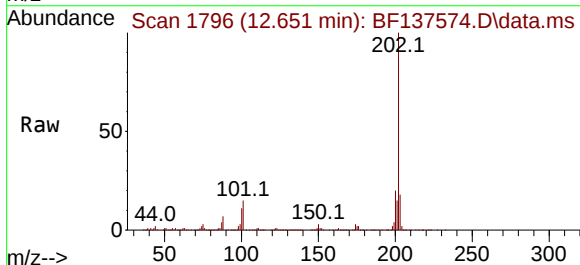
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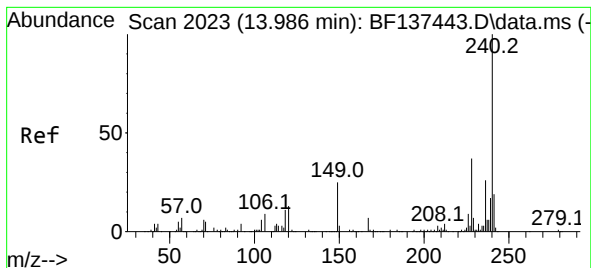
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#75
Fluoranthene
Concen: 6.288 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

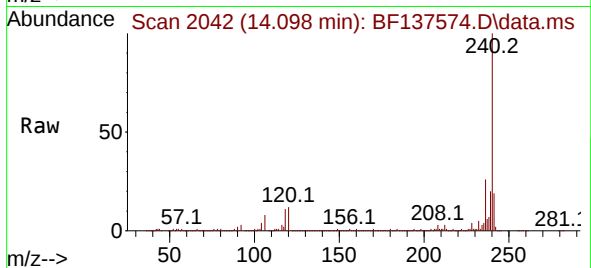
Tgt Ion:202 Resp: 283066
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.0
203 17.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

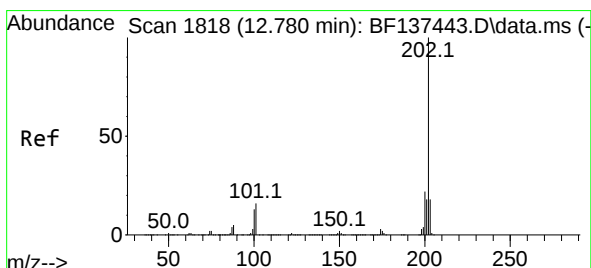
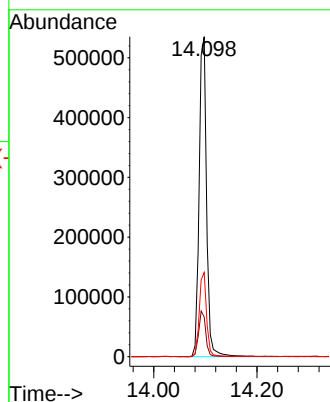
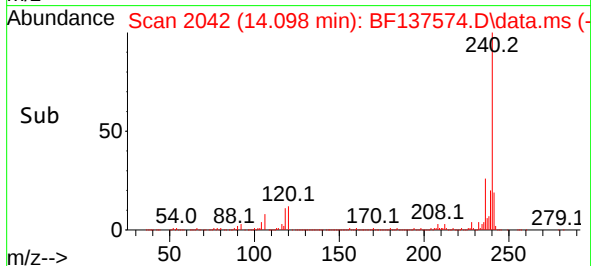
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:240 Resp: 533934
Ion Ratio Lower Upper
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120 12.4 10.4 15.6
236 26.3 20.9 31.3

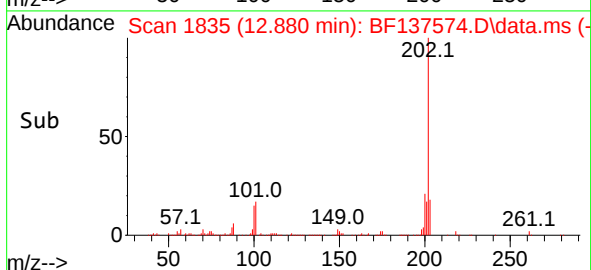
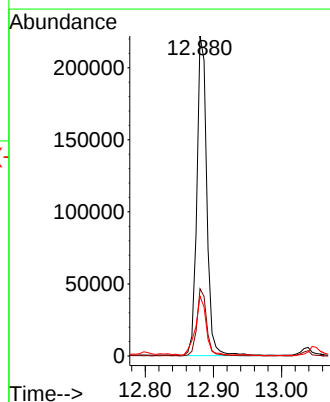
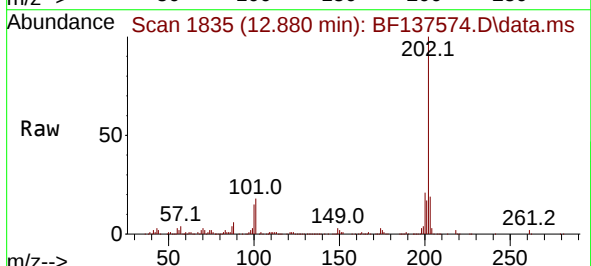
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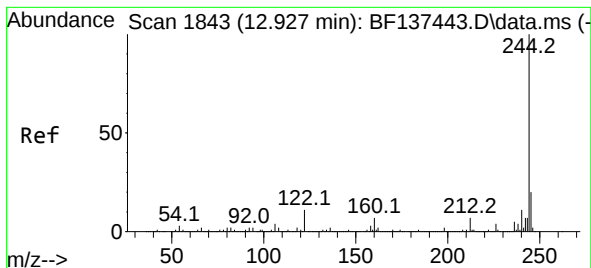
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#78
Pyrene
Concen: 4.292 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:202 Resp: 224883
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.7 14.1 21.1





#79

Terphenyl-d14

Concen: 48.020 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tgt Ion:244 Resp: 1864538

Ion Ratio Lower Upper

244 100

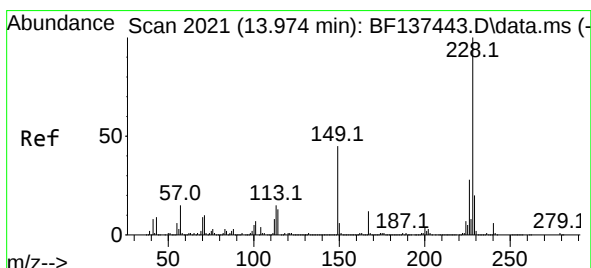
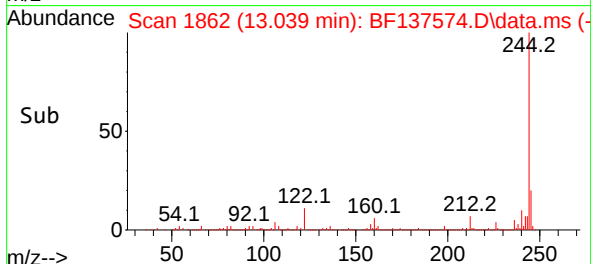
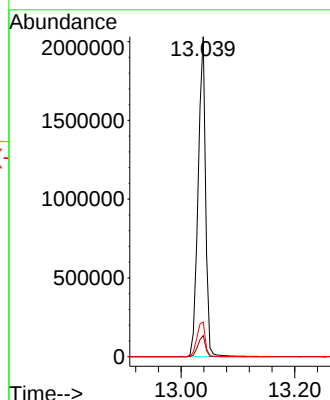
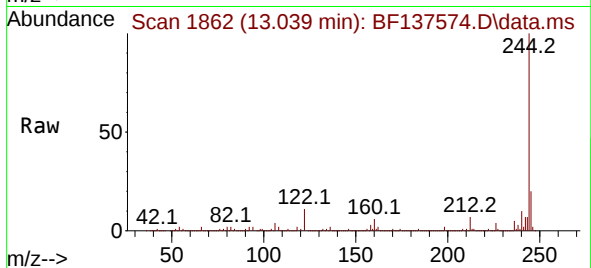
212 6.6 5.4 8.2

122 10.8 9.1 13.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 03/15/2024



#81

Benzo(a)anthracene

Concen: 2.217 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

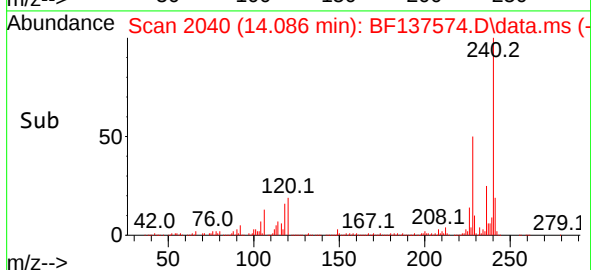
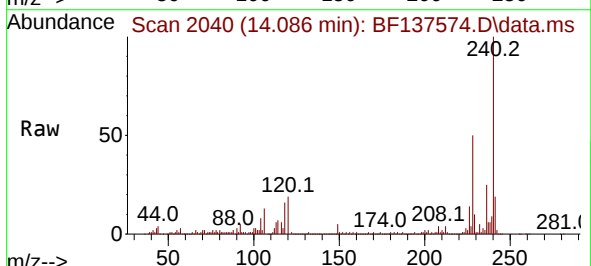
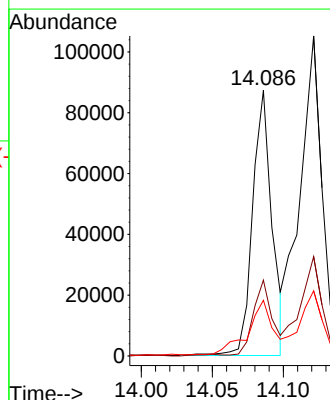
Tgt Ion:228 Resp: 82949

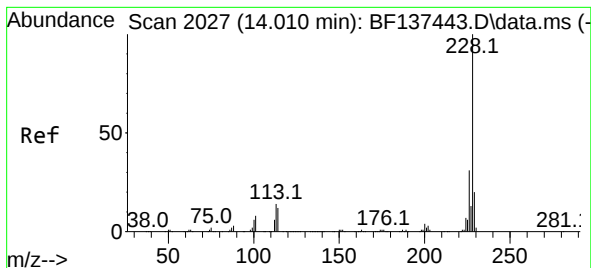
Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

229 21.0 16.3 24.5





#83

Chrysene

Concen: 3.130 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tgt Ion:228 Resp: 118370

Ion Ratio Lower Upper

228 100

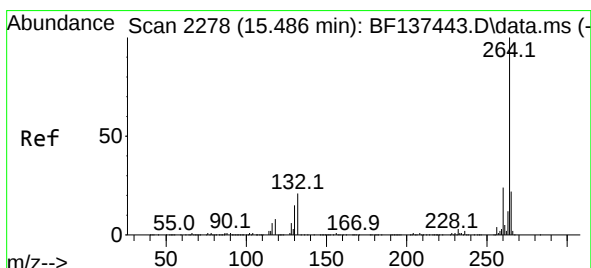
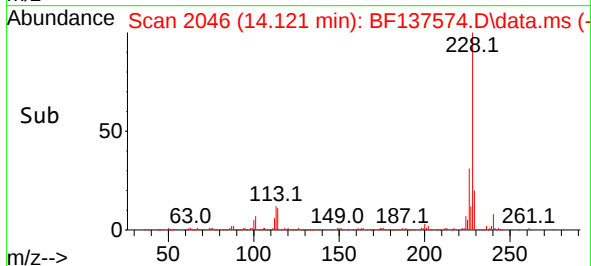
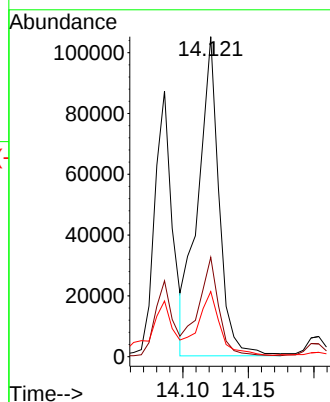
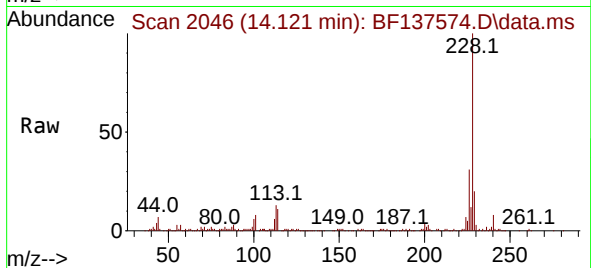
226 31.1 24.7 37.1

229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

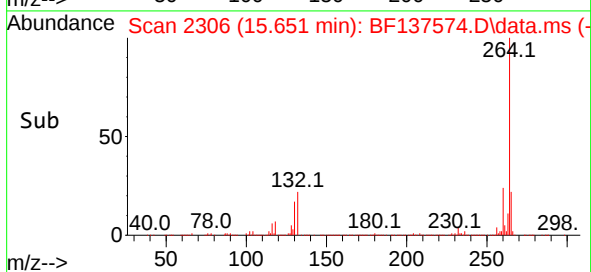
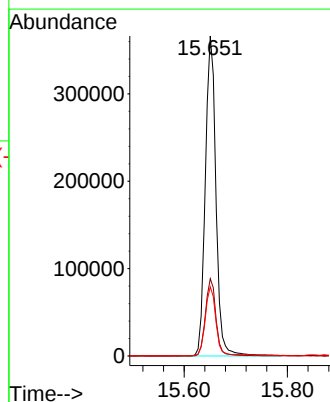
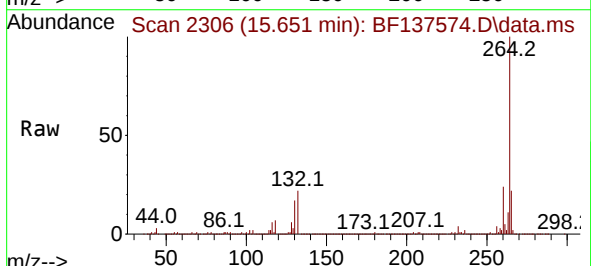
Tgt Ion:264 Resp: 522993

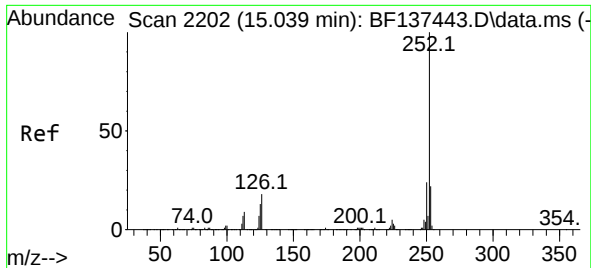
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

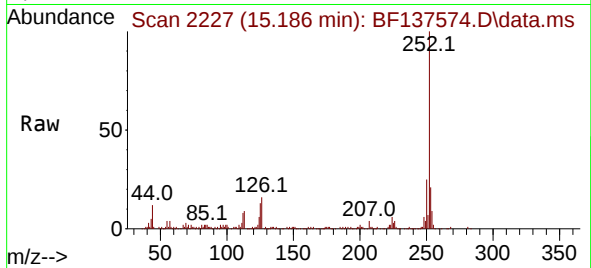
265 21.6 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 4.226 ng m
RT: 15.186 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:252 Resp: 13073
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 13.3 10.1 15.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

