

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137987.D
 Acq On : 21 May 2024 19:45
 Operator : CG\JU
 Sample : P2531-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-B

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 01:30:28 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	149814	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	597795	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	345500	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	578388	20.000	ng	0.00
76) Chrysene-d12	14.221	240	329343	20.000	ng	0.00
86) Perylene-d12	15.786	264	318442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	751054	85.157	ng	0.00
7) Phenol-d6	6.645	99	962167	88.562	ng	-0.01
23) Nitrobenzene-d5	7.592	82	581051	57.202	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	290420	83.366	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	1264023	56.356	ng	0.00
79) Terphenyl-d14	13.163	244	1235771	55.300	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.792	202	69054	2.387	ng	100
78) Pyrene	13.021	202	61877	2.148	ng	98
81) Benzo(a)anthracene	14.210	228	48681	2.336	ng	94
83) Chrysene	14.245	228	42274	2.121	ng	97
88) Benzo(b)fluoranthene	15.309	252	73686m	3.996	ng	
90) Benzo(a)pyrene	15.715	252	44429	2.822	ng	# 97

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

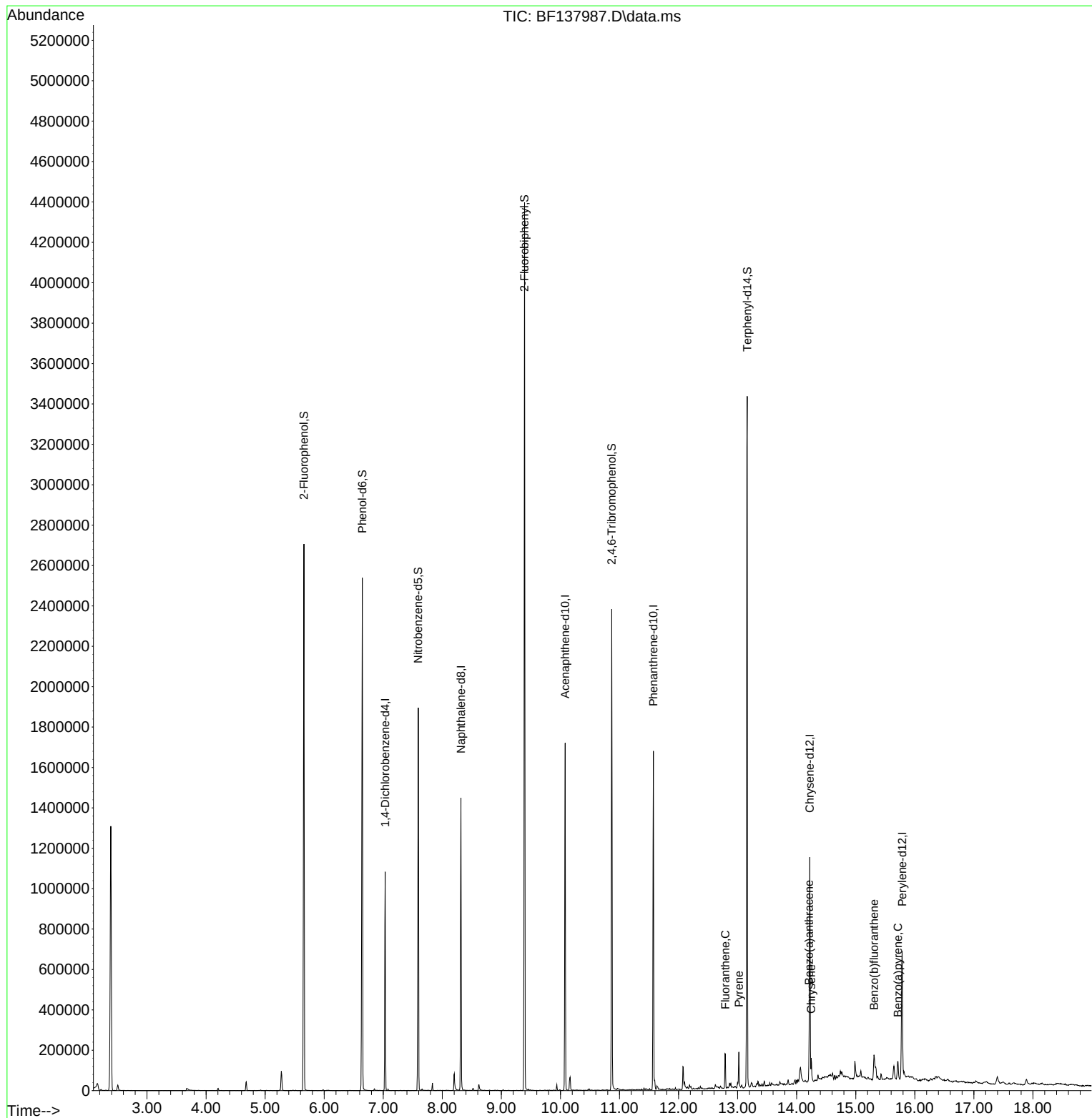
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137987.D
Acq On : 21 May 2024 19:45
Operator : CG\JU
Sample : P2531-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

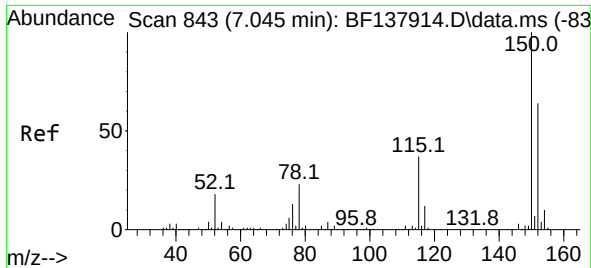
Instrument :
BNA_F
ClientSampleId :
MH-B

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Supervised By :mohammad ahmed 05/24/2024

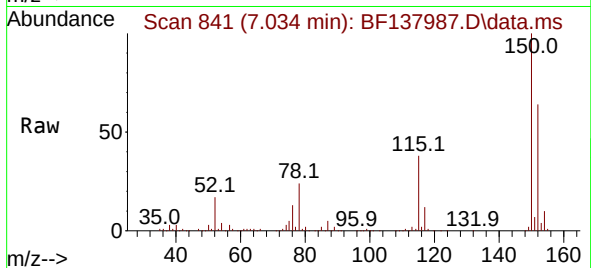
Quant Time: May 22 01:30:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

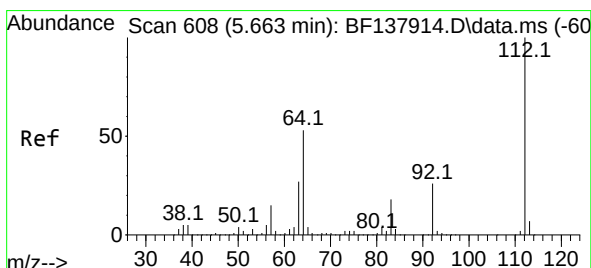
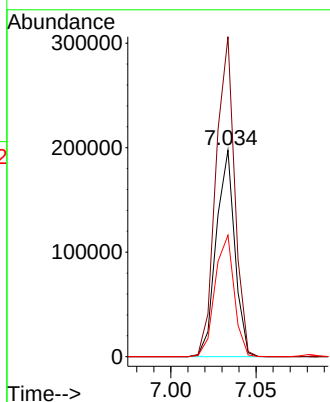
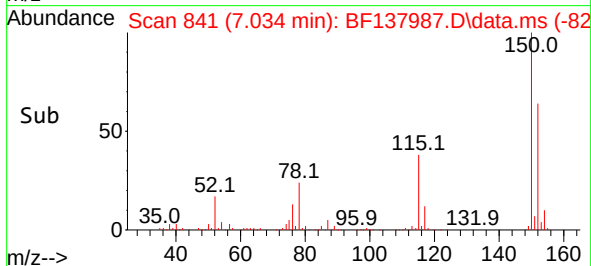
Instrument :
BNA_F
ClientSampleId :
MH-B



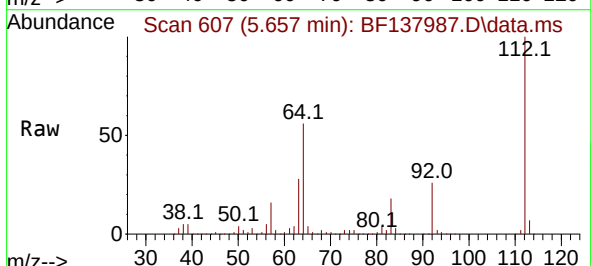
Tgt Ion:152 Resp: 149814
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 58.8 47.0 70.6

Manual Integrations
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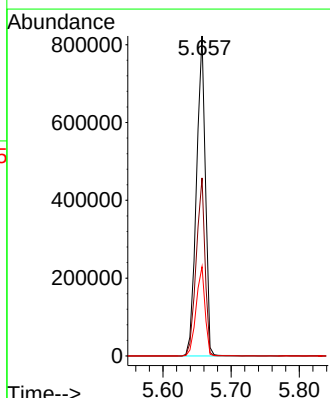
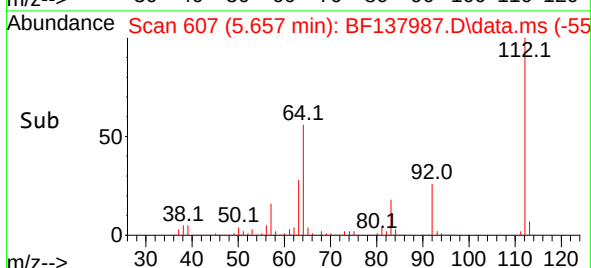
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

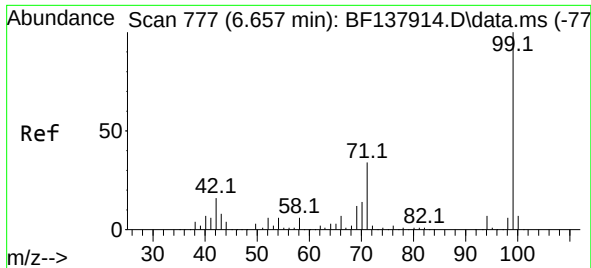


#5
2-Fluorophenol
Concen: 85.157 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45



Tgt Ion:112 Resp: 751054
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 27.9 21.4 32.2





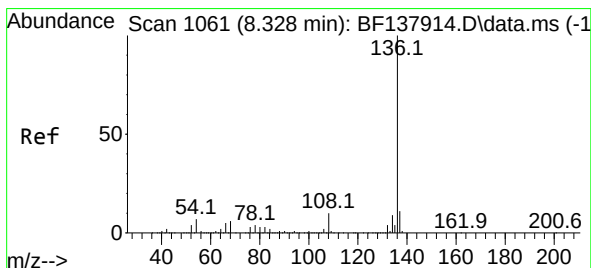
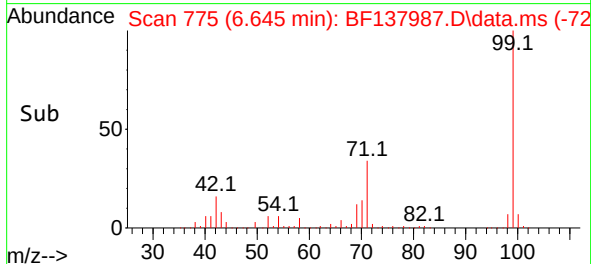
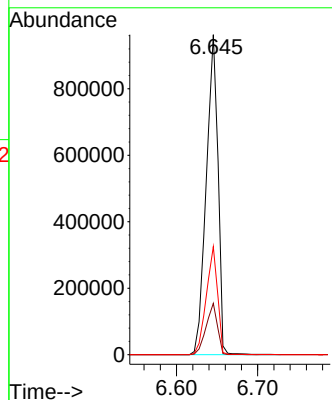
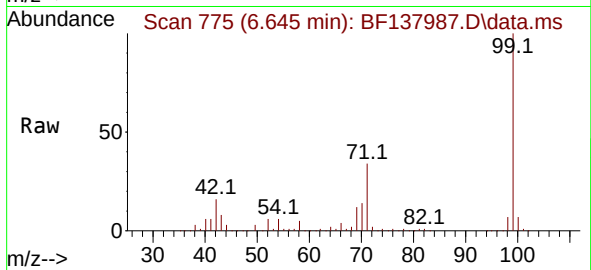
#7
Phenol-d6
Concen: 88.562 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

Instrument :
BNA_F
ClientSampleId :
MH-B

Tgt Ion: 99 Resp: 96216
Ion Ratio Lower Upper
99 100
42 16.1 12.6 18.8
71 33.8 27.1 40.7

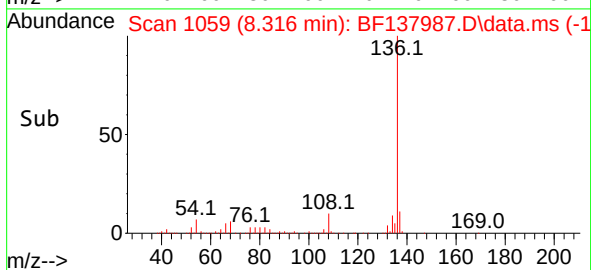
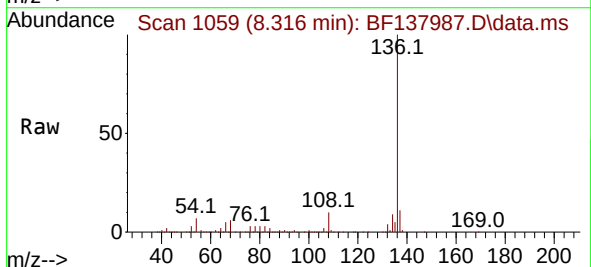
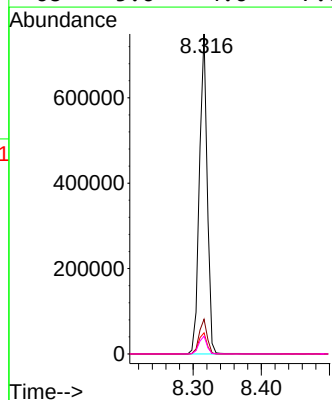
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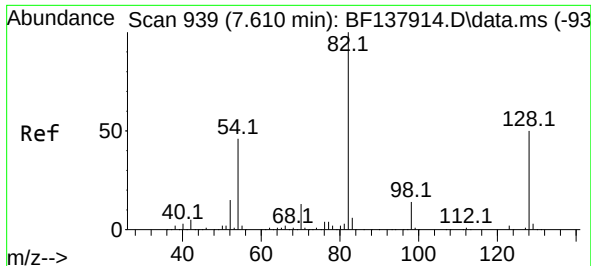
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

Tgt Ion:136 Resp: 597795
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.6 5.4 8.2
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 57.202 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137987.D

Acq: 21 May 2024 19:45

Instrument :

BNA_F

ClientSampleId :

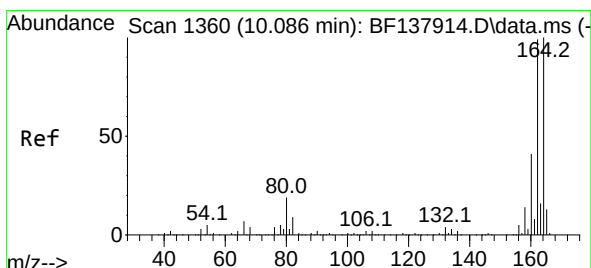
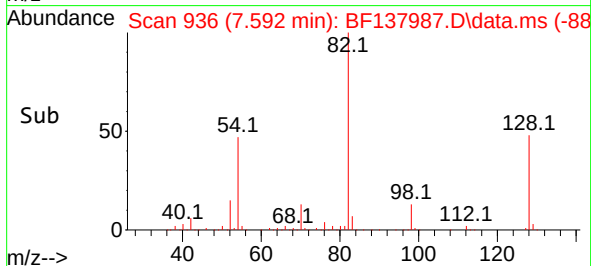
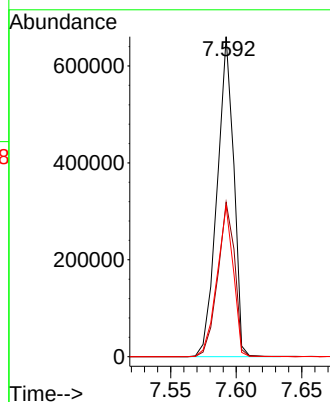
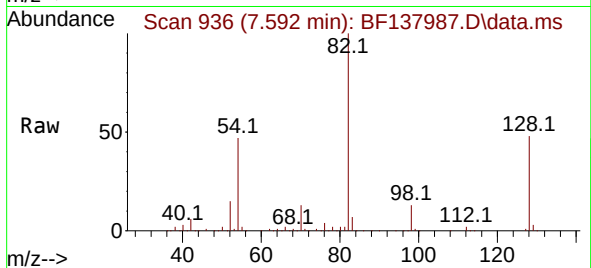
MH-B

Tgt Ion: 82 Resp: 58105
 Ion Ratio Lower Upper
 82 100
 128 48.2 40.3 60.5
 54 47.1 36.8 55.2

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Reviewed By :Jagrut Upadhyay 05/22/2024
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#39

Acenaphthene-d10

Concen: 20.000 ng

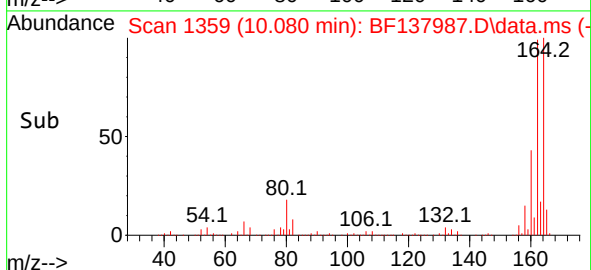
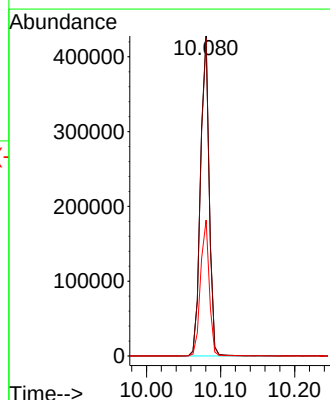
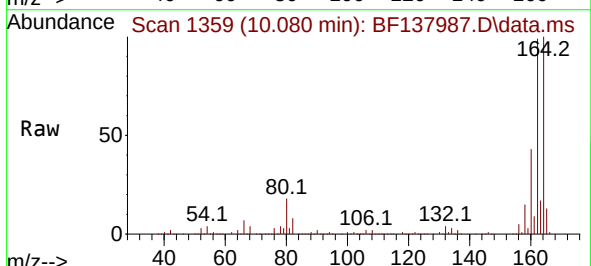
RT: 10.080 min Scan# 1359

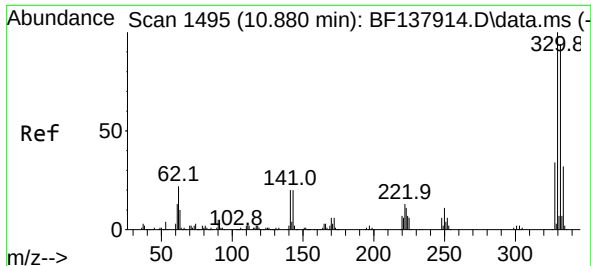
Delta R.T. -0.006 min

Lab File: BF137987.D

Acq: 21 May 2024 19:45

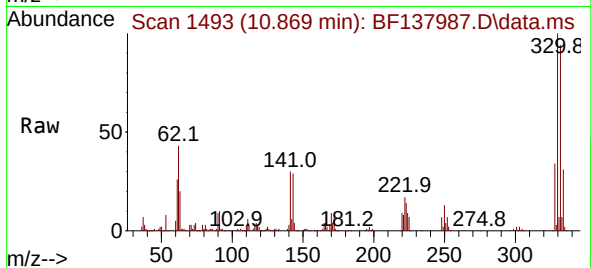
Tgt Ion:164 Resp: 345500
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.4 119.2
 160 42.5 33.1 49.7





#42
2,4,6-Tribromophenol
Concen: 83.366 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

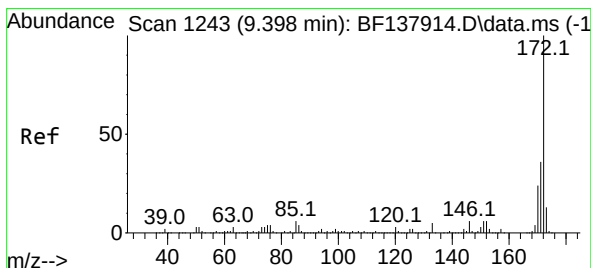
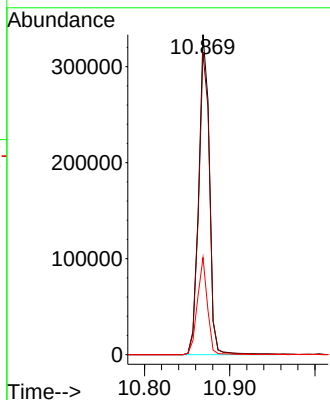
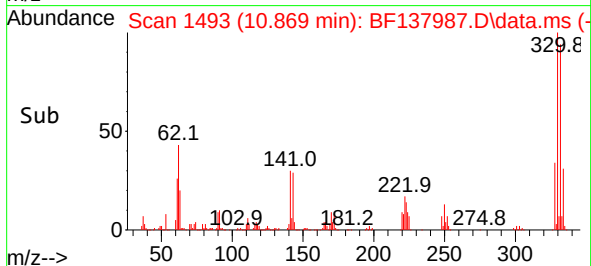
Instrument :
BNA_F
ClientSampleId :
MH-B



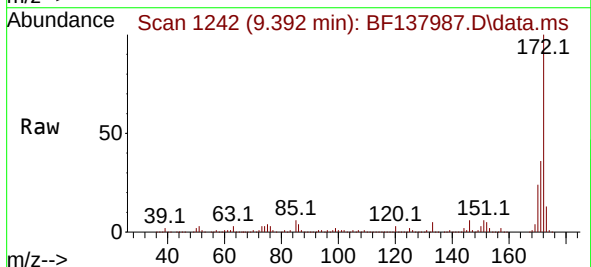
Tgt Ion: 330 Resp: 290420
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.8
141 28.5 23.8 35.6

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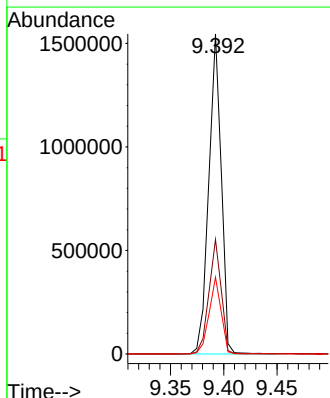
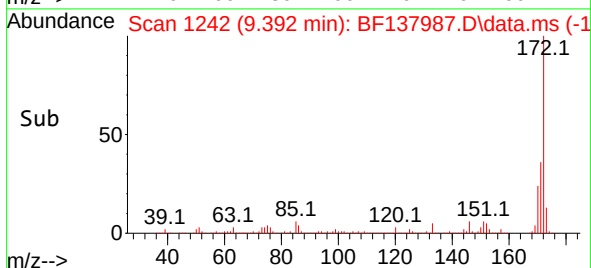
Reviewed By : Jagrut Upadhyay 05/22/2024
Supervised By : mohammad ahmed 05/24/2024

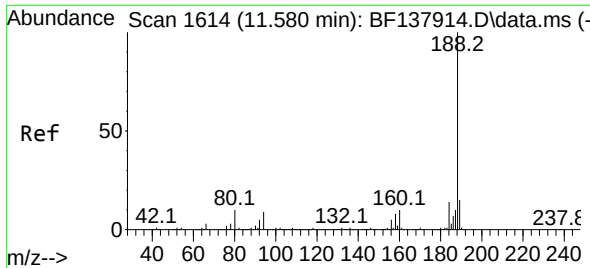


#45
2-Fluorobiphenyl
Concen: 56.356 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45



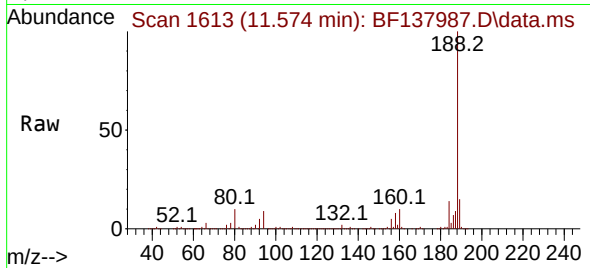
Tgt Ion: 172 Resp: 1264023
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

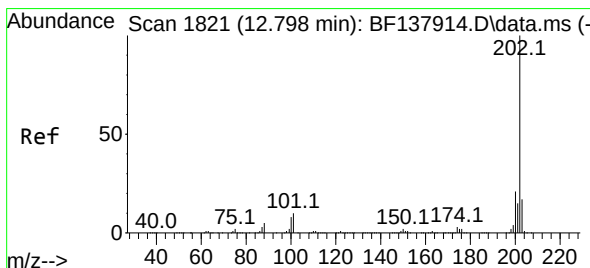
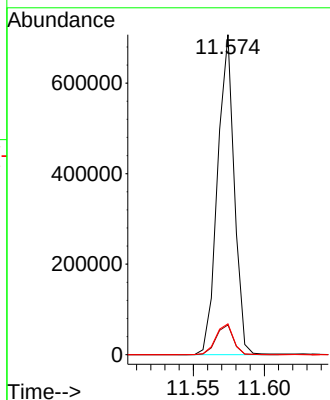
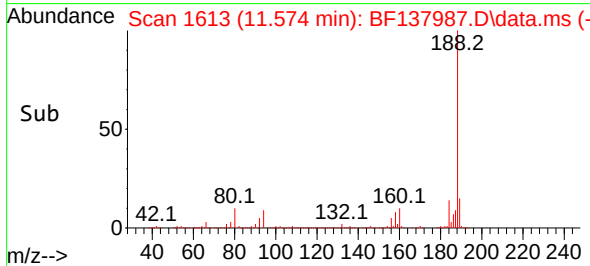
Instrument :
BNA_F
ClientSampleId :
MH-B



Tgt Ion:188 Resp: 57838
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.7 7.7 11.5

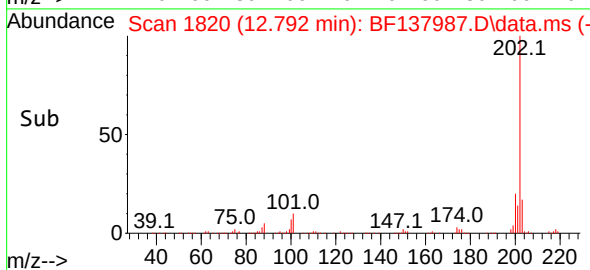
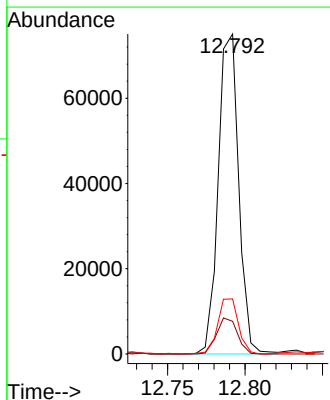
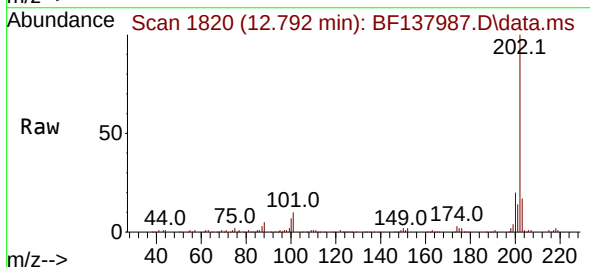
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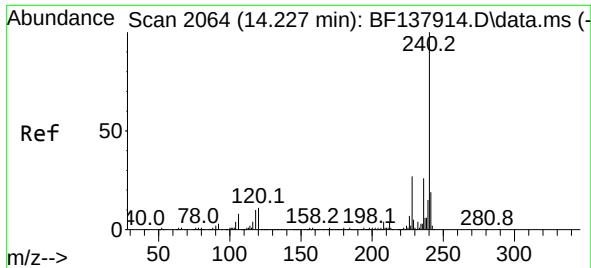
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#75
Fluoranthene
Concen: 2.387 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

Tgt Ion:202 Resp: 69054
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.2 0.0 37.3





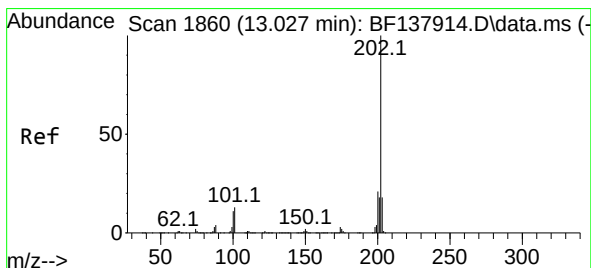
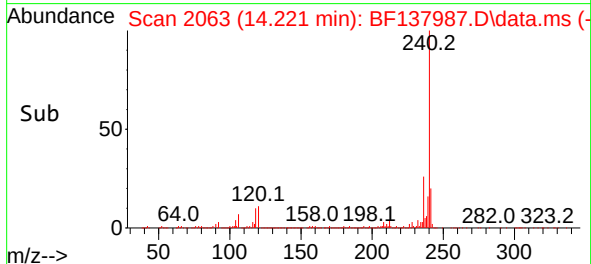
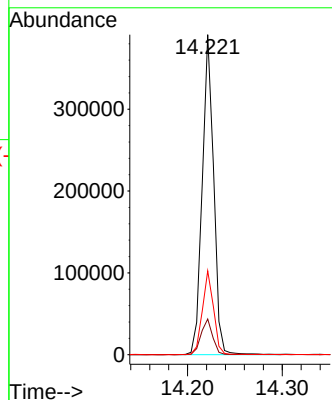
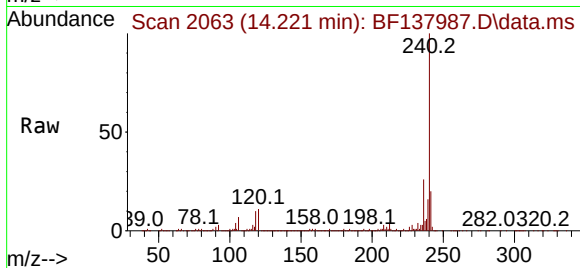
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

Instrument :
BNA_F
ClientSampleId :
MH-B

Tgt Ion:240 Resp: 32934
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.2 21.0 31.4

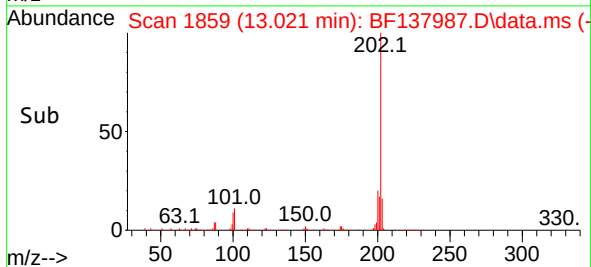
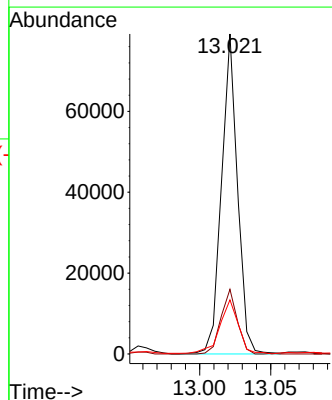
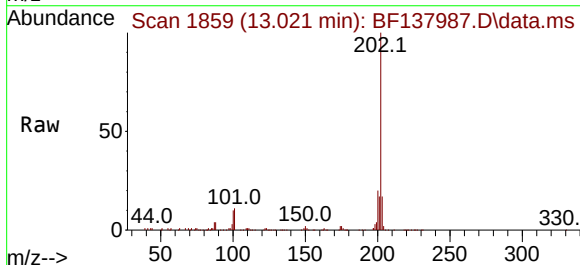
Manual Integrations
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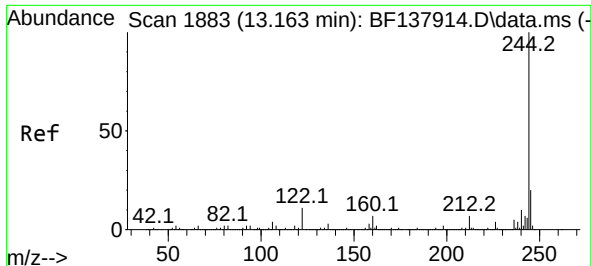
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 2.148 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

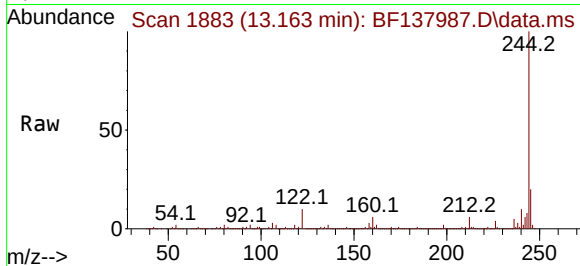
Tgt Ion:202 Resp: 61877
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.4
203 16.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 55.300 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137987.D
 Acq: 21 May 2024 19:45

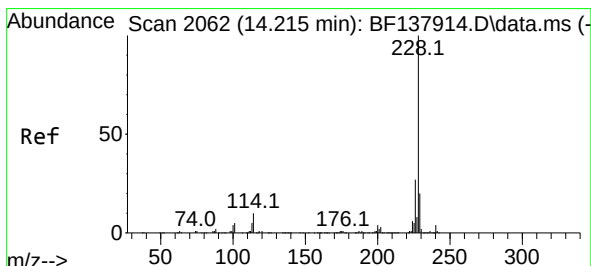
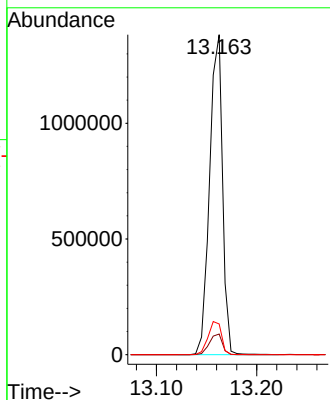
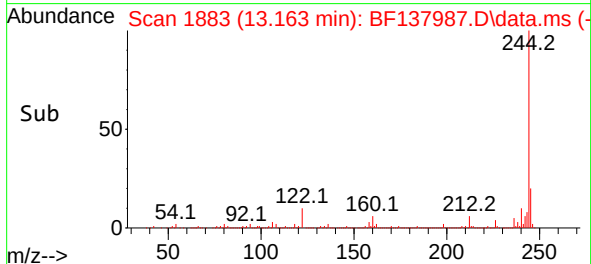
Instrument :
 BNA_F
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 MH-B



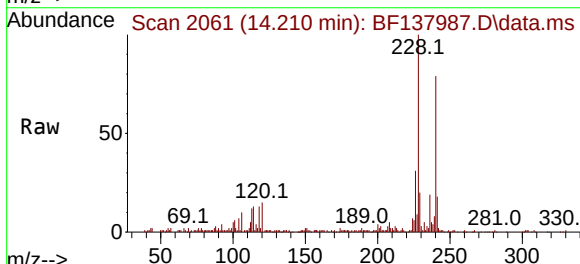
Tgt Ion:244 Resp: 123577
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 8.8 13.2

Manual Integrations
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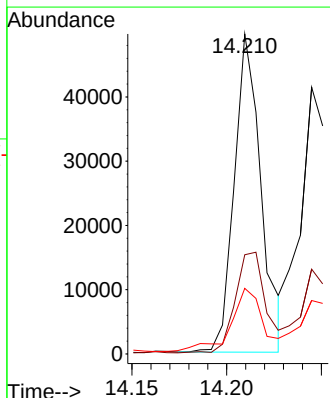
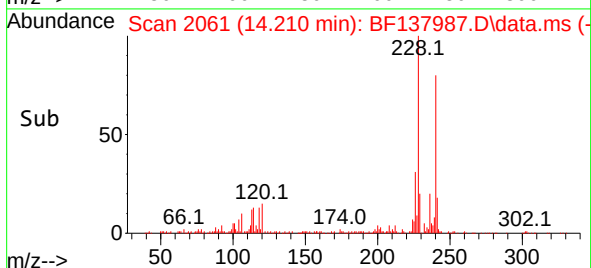
Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

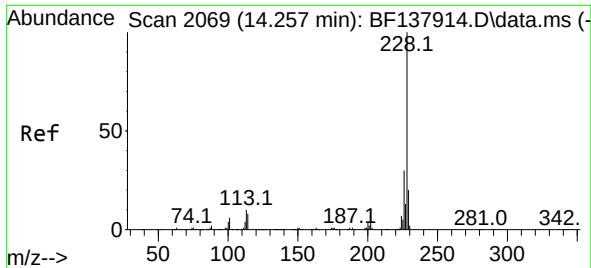


#81
 Benzo(a)anthracene
 Concen: 2.336 ng
 RT: 14.210 min Scan# 2061
 Delta R.T. -0.006 min
 Lab File: BF137987.D
 Acq: 21 May 2024 19:45



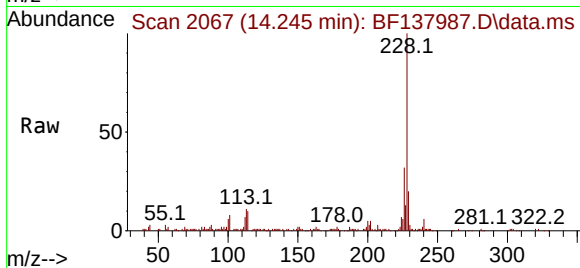
Tgt Ion:228 Resp: 48681
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.3 31.9
 229 20.5 15.7 23.5





#83
Chrysene
Concen: 2.121 ng
RT: 14.245 min Scan# 2069
Delta R.T. -0.012 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

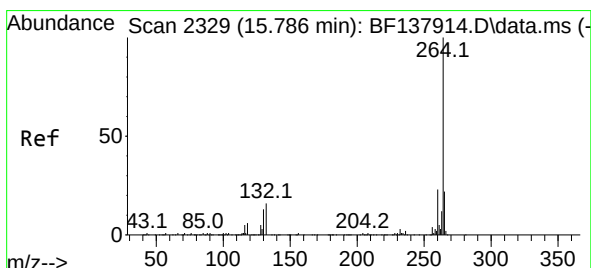
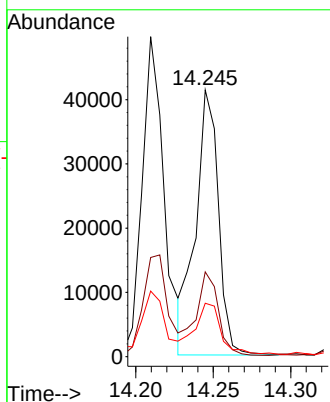
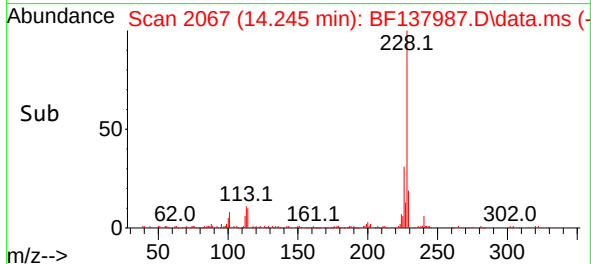
Instrument :
BNA_F
ClientSampleId :
MH-B



Tgt Ion:228 Resp: 42274
Ion Ratio Lower Upper
228 100
226 31.8 23.8 35.8
229 20.0 15.6 23.4

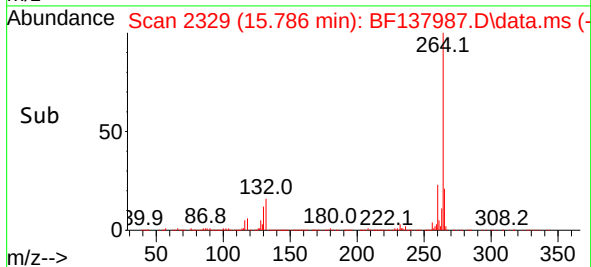
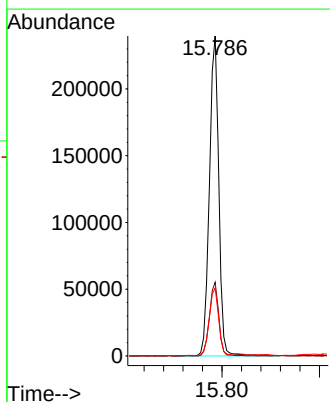
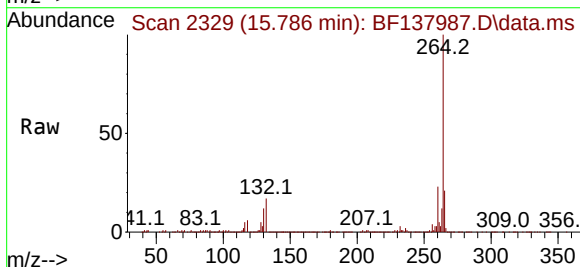
Manual Integrations
APPROVED

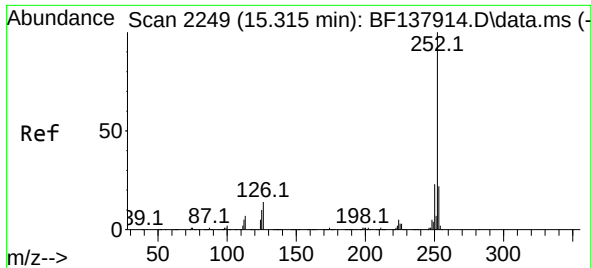
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

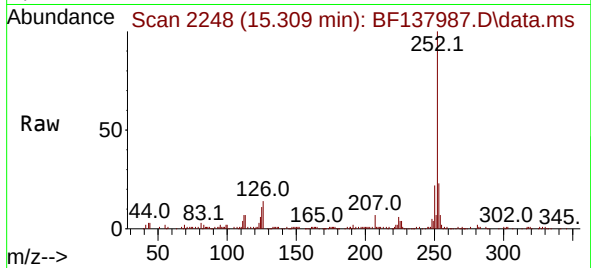
Tgt Ion:264 Resp: 318442
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.2 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 3.996 ng m
RT: 15.309 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

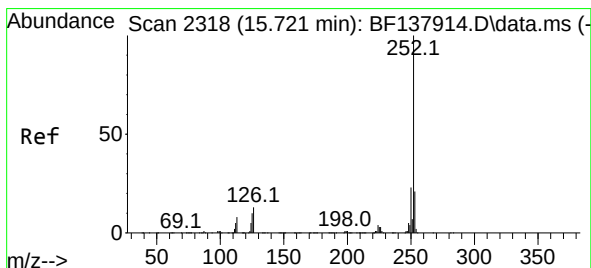
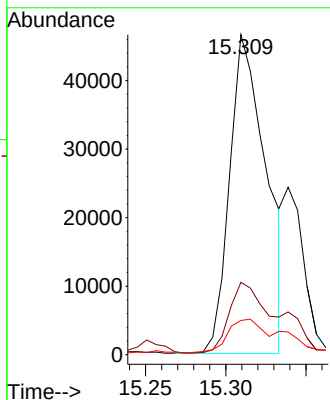
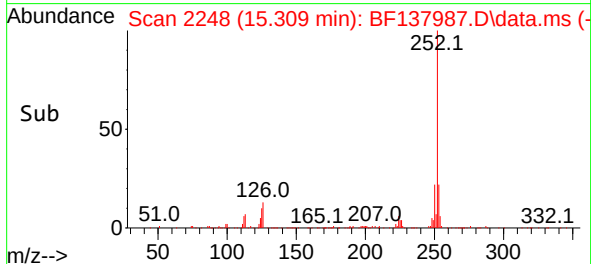
Instrument :
BNA_F
ClientSampleId :
MH-B



Tgt Ion:252 Resp: 73680
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.7 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#90
Benzo(a)pyrene
Concen: 2.822 ng
RT: 15.715 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BF137987.D
Acq: 21 May 2024 19:45

Tgt Ion:252 Resp: 44429
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 12.0 7.8 11.8#

