

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141623.D
 Acq On : 13 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1331-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 15 00:07:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	196997	20.000	ng	# 0.01
39) Acenaphthene-d10	9.934	164	75171	20.000	ng	# 0.10
64) Phenanthrene-d10	11.428	188	109475	20.000	ng	# 0.11
76) Chrysene-d12	13.974	240	177815	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	197579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	172131	37.675	ng	-0.01
7) Phenol-d6	6.428	99	157584	27.289	ng	-0.01
23) Nitrobenzene-d5	7.357	82	460338	121.882	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	122597	162.353	ng	0.11
45) 2-Fluorobiphenyl	9.228	172	434024	88.954	ng	0.08
79) Terphenyl-d14	12.963	244	674235	64.012	ng	0.06
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.969	142	327788	50.718	ng	# 58
52) Acenaphthene	9.969	154	208149	48.302	ng	# 43
58) Fluorene	10.492	166	588051	120.238	ng	# 56
71) Phenanthrene	11.457	178	1156013	191.834	ng	# 76
78) Pyrene	12.839	202	626864m	41.413	ng	
83) Chrysene	13.992	228	41826m	3.832	ng	
84) Bis(2-ethylhexyl)phtha...	13.939	149	61337	10.373	ng	# 86

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

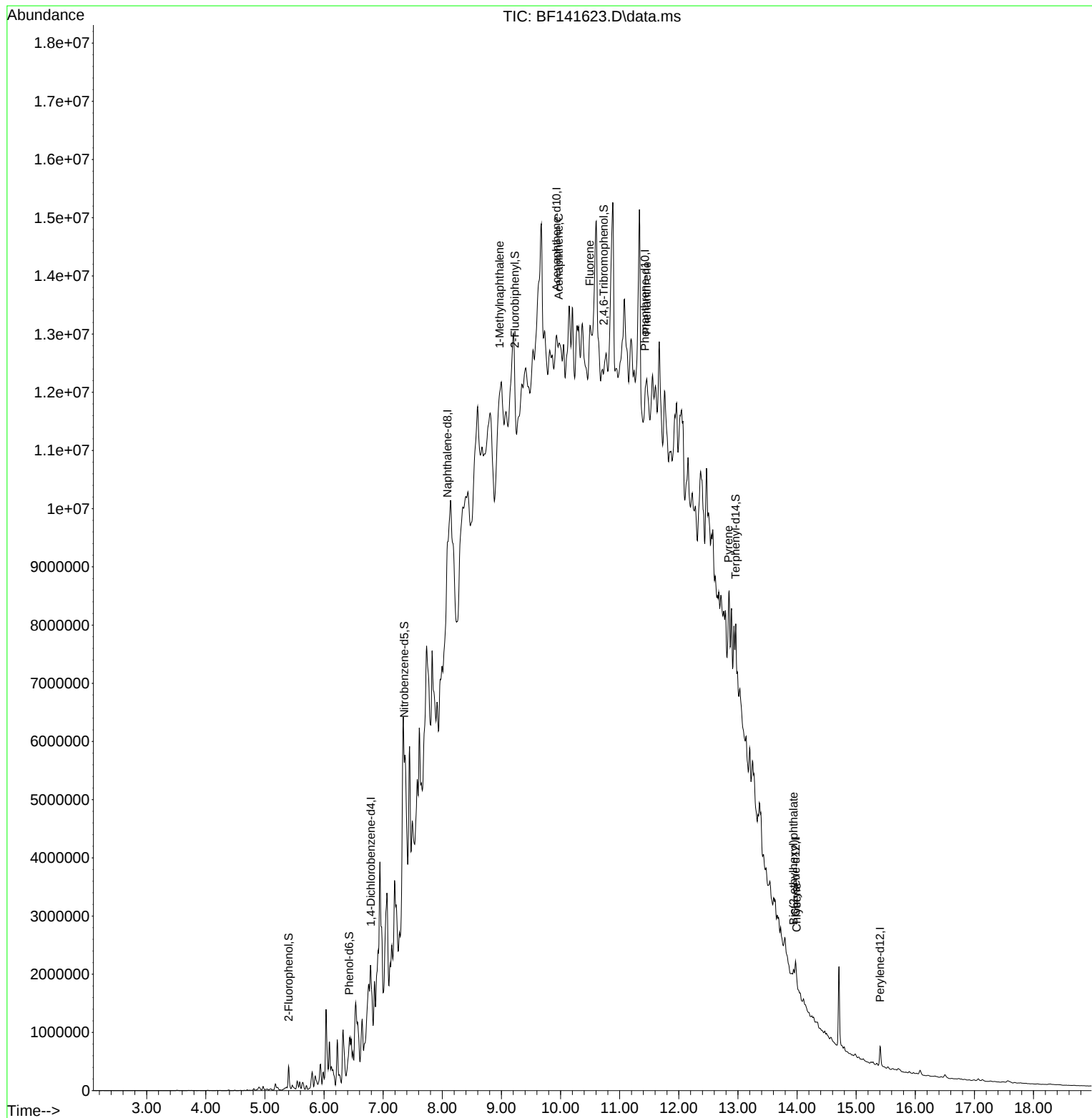
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

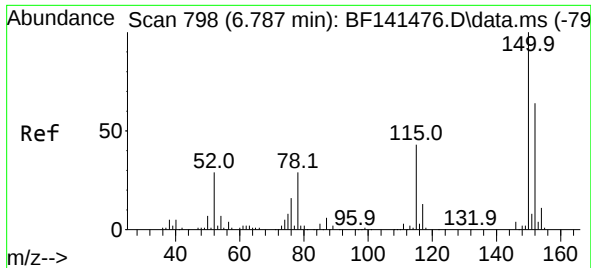
Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Time: Feb 15 00:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
APPROVED

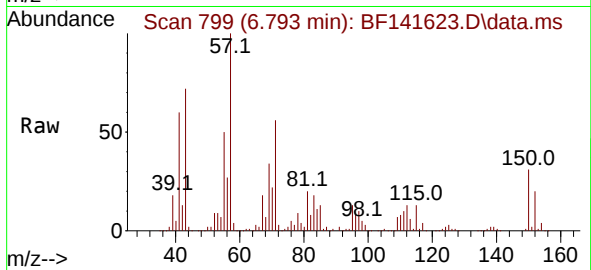
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 798
Delta R.T. 0.001 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

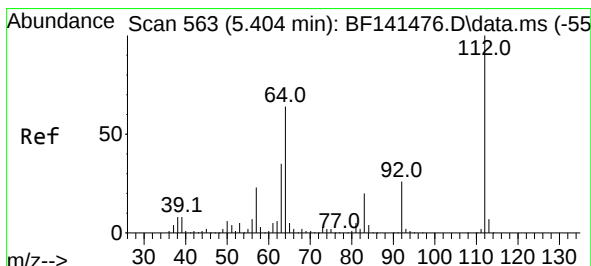
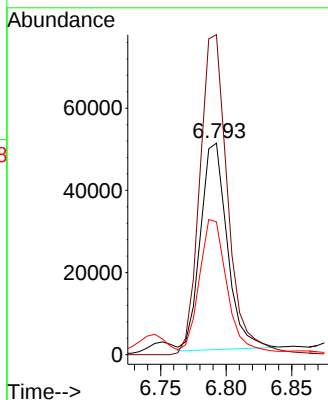
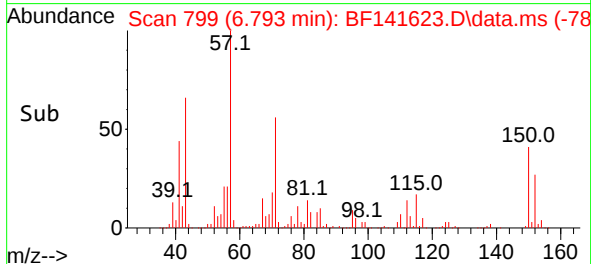
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion:152 Resp: 71628
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.4
115 62.8 53.6 80.4

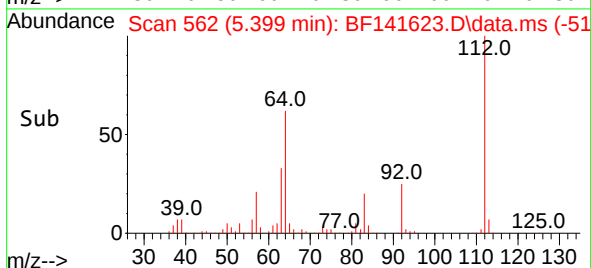
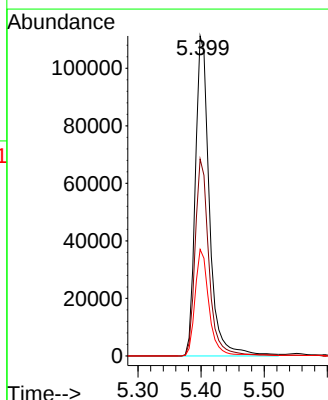
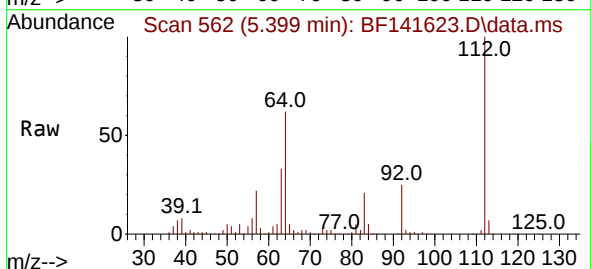
Manual Integrations
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Supervised By :mohammad ahmed 02/15/2025



#5
2-Fluorophenol
Concen: 37.675 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

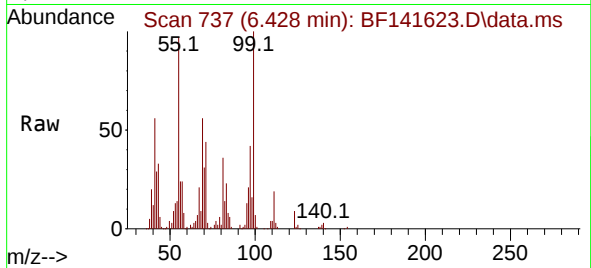
Tgt Ion:112 Resp: 172131
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.3 28.4 42.6





#7
Phenol-d6
Concen: 27.289 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

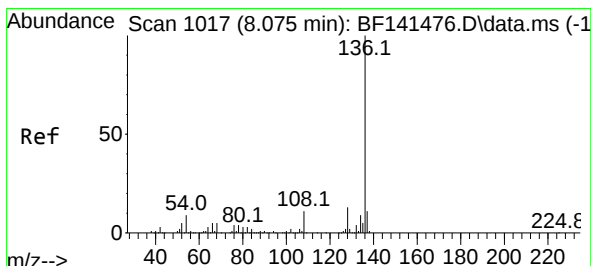
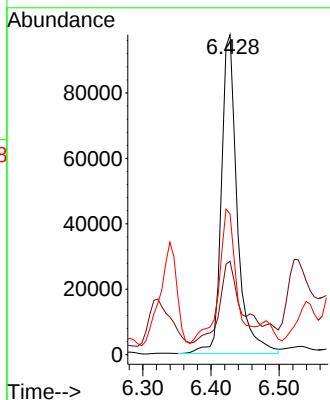
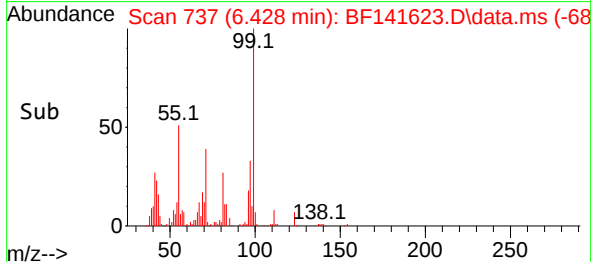
Instrument :
BNA_F
ClientSampleId :
MW1R



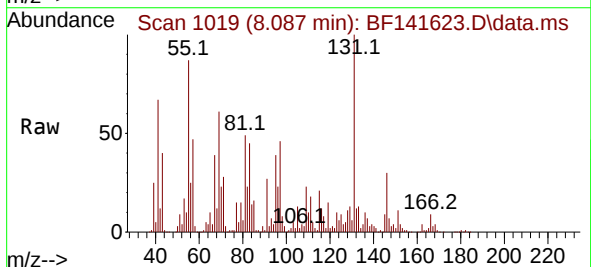
Tgt Ion: 99 Resp: 157584
Ion Ratio Lower Upper
99 100
42 29.2 19.1 28.7
71 44.0 31.1 46.7

Manual Integrations
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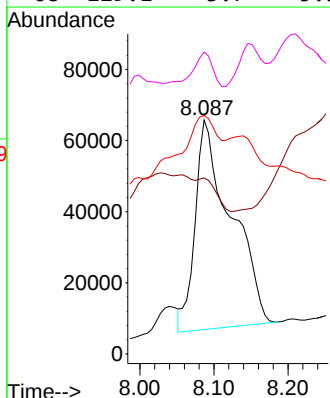
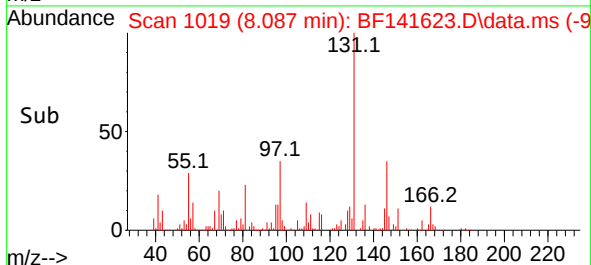
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

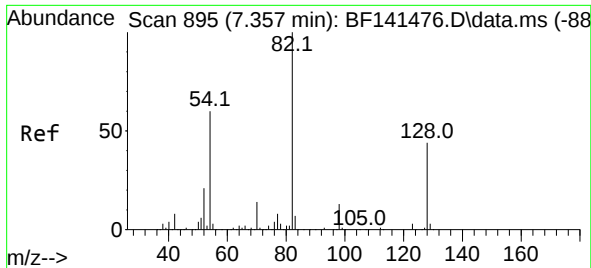


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



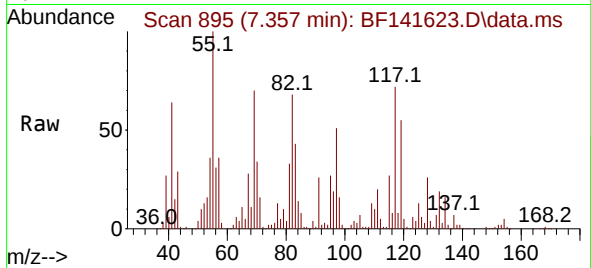
Tgt Ion:136 Resp: 196997
Ion Ratio Lower Upper
136 100
137 75.2 8.6 13.0#
54 102.0 7.2 10.8#
68 129.1 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 121.882 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

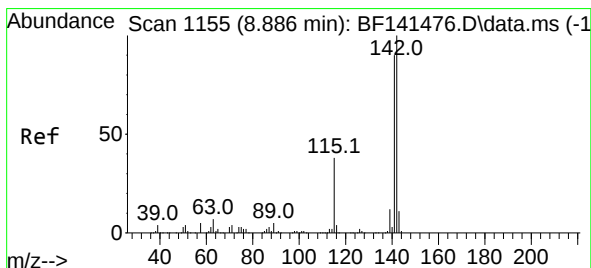
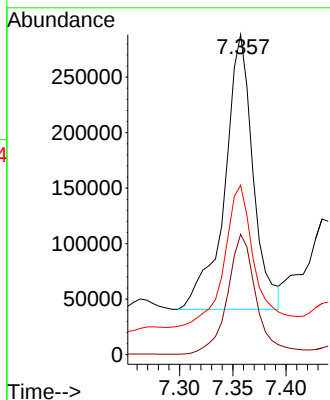
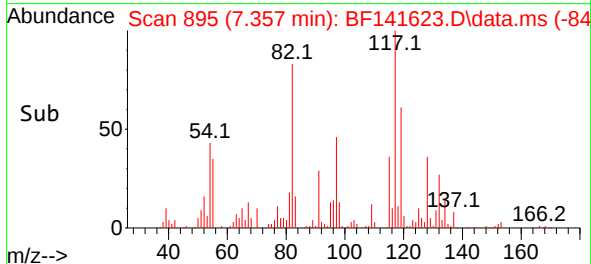
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion: 82 Resp: 460338
Ion Ratio Lower Upper
82 100
128 37.6 34.8 52.2
54 52.9 48.2 72.4

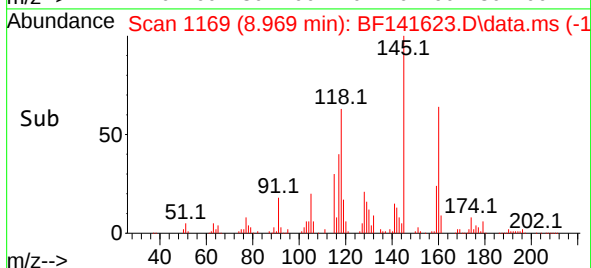
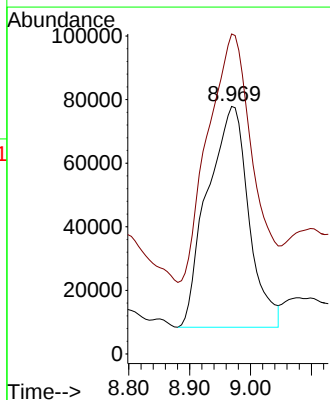
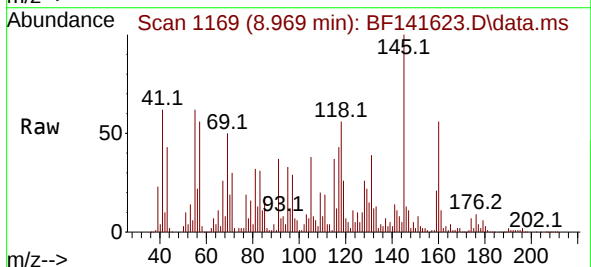
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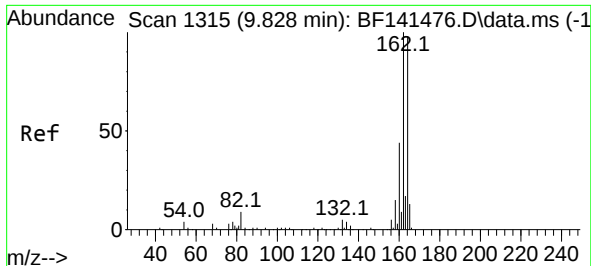
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



#38
1-Methylnaphthalene
Concen: 50.718 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.083 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:142 Resp: 327788
Ion Ratio Lower Upper
142 100
141 129.3 72.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:164 Resp: 7517

Ion Ratio Lower Upper

164 100

162 75.1 81.3 121.9

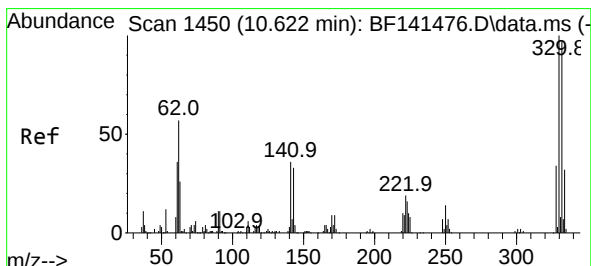
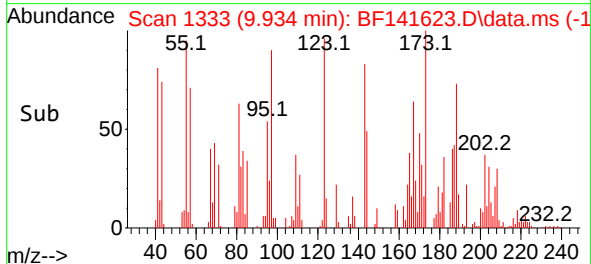
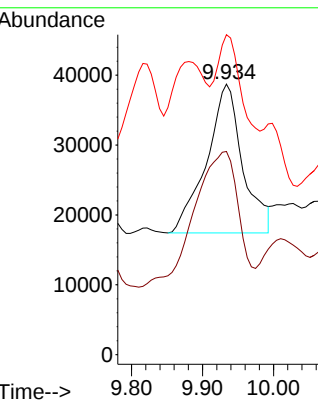
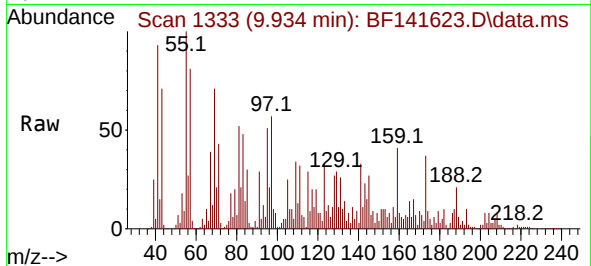
160 118.3 35.9 53.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#42

2,4,6-Tribromophenol

Concen: 162.353 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

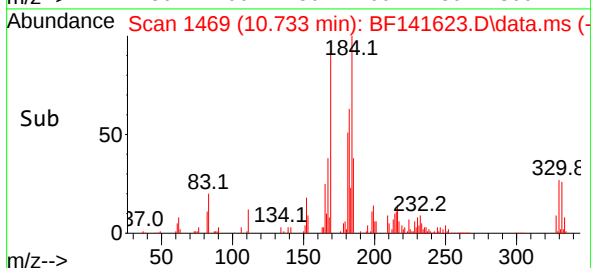
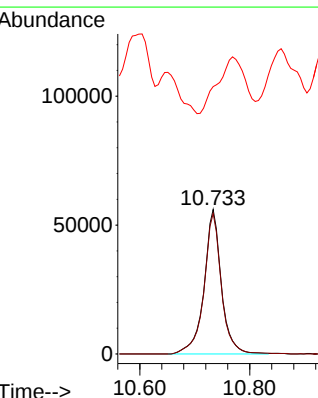
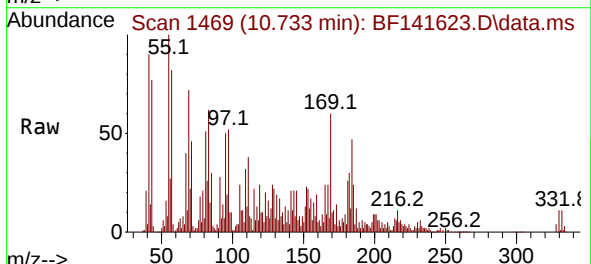
Tgt Ion:330 Resp: 122597

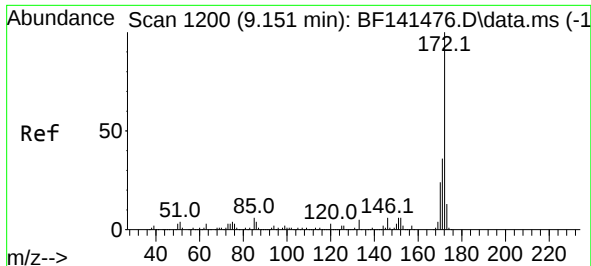
Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

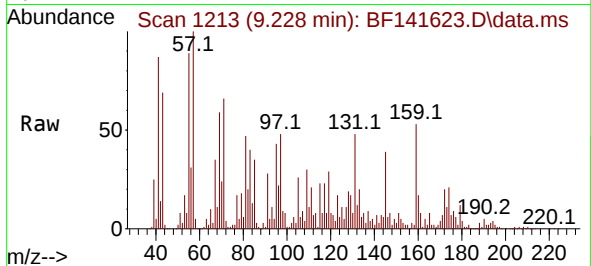
141 0.0 31.0 46.4





#45
2-Fluorobiphenyl
Concen: 88.954 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

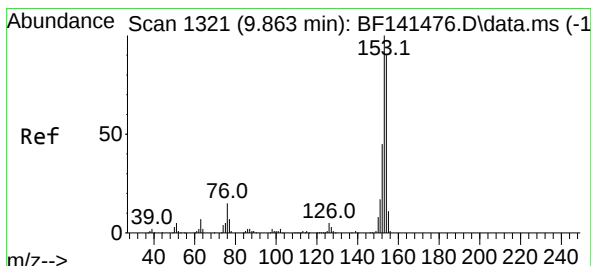
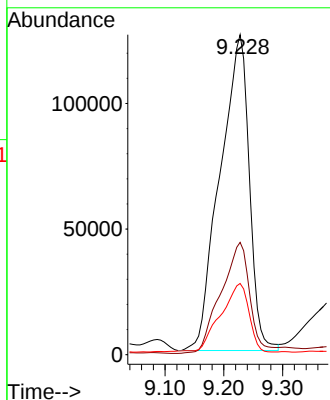
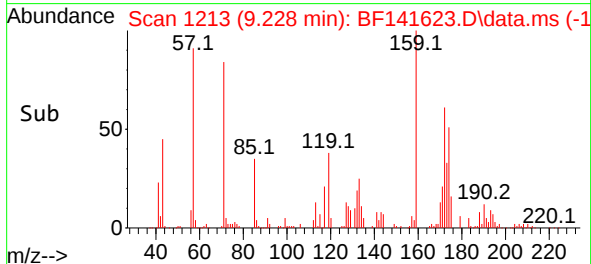
Instrument :
BNA_F
ClientSampleId :
MW1R



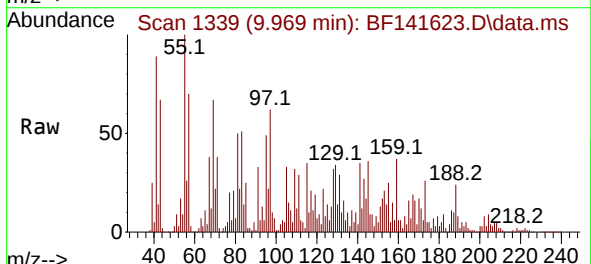
Tgt Ion:172 Resp: 434024
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 22.3 18.9 28.3

Manual Integrations
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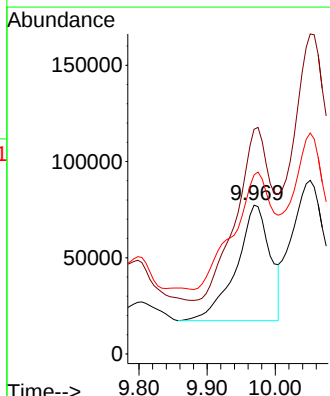
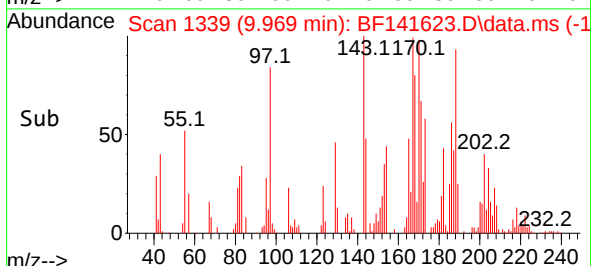
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

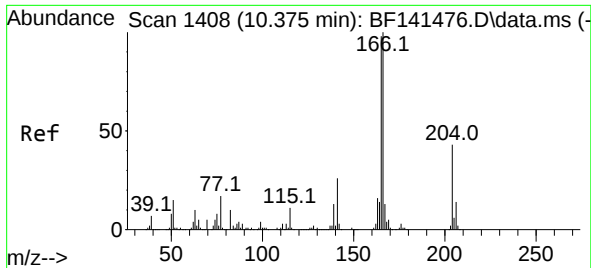


#52
Acenaphthene
Concen: 48.302 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.100 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



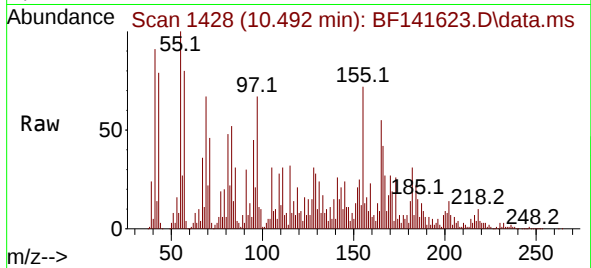
Tgt Ion:154 Resp: 208149
Ion Ratio Lower Upper
154 100
153 150.9 89.2 133.8#
152 120.3 39.8 59.8#





#58
Fluorene
Concen: 120.238 ng
RT: 10.492 min Scan# 1408
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

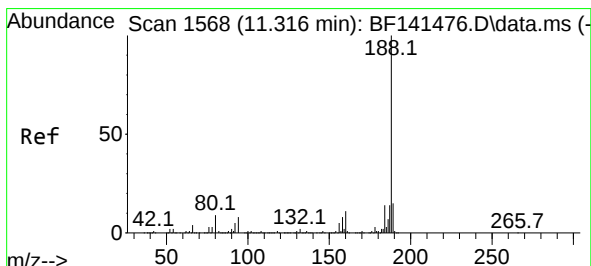
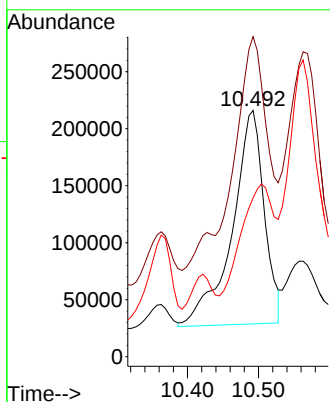
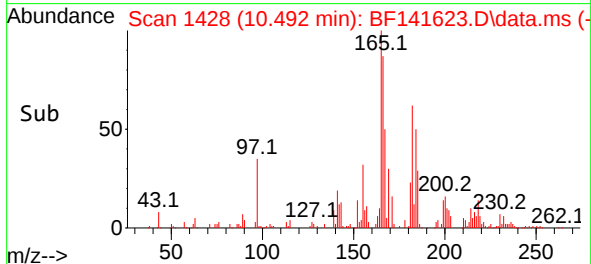
Instrument :
BNA_F
ClientSampleId :
MW1R



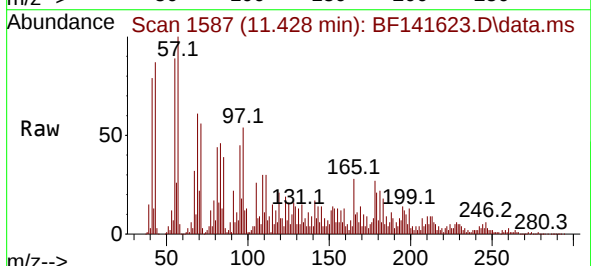
Tgt Ion:166 Resp: 58805
Ion Ratio Lower Upper
166 100
165 130.0 78.2 117.2
167 64.5 10.7 16.1

Manual Integrations
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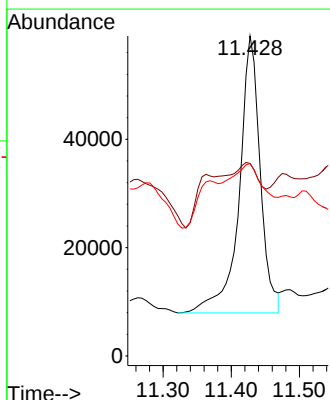
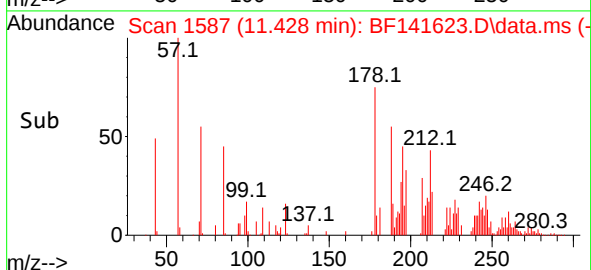
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

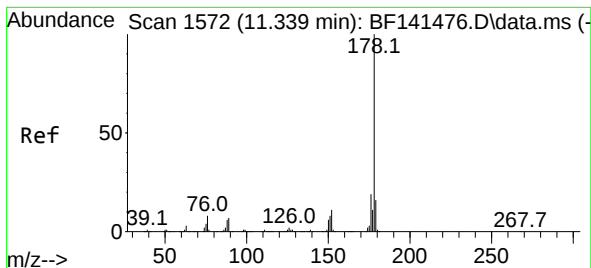


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



Tgt Ion:188 Resp: 109475
Ion Ratio Lower Upper
188 100
94 60.2 6.6 10.0#
80 60.1 7.3 10.9#





#71

Phenanthrene

Concen: 191.834 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.112 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:178 Resp: 115601

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

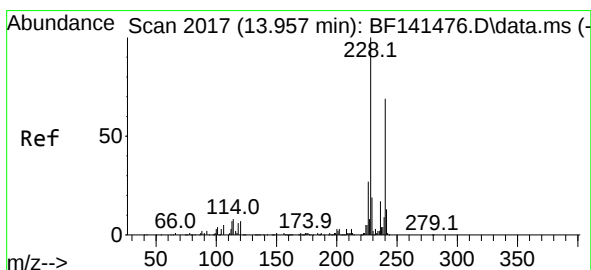
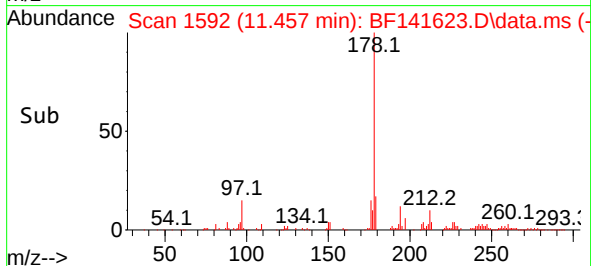
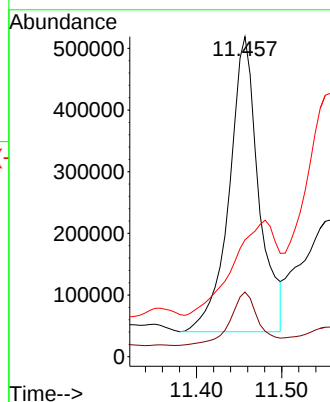
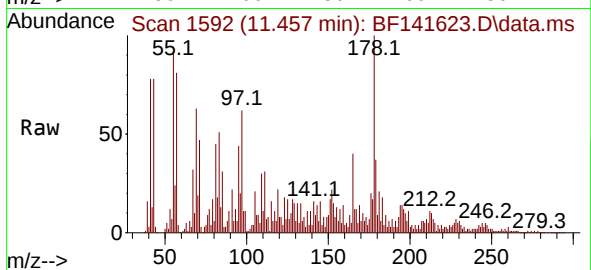
179 36.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.012 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

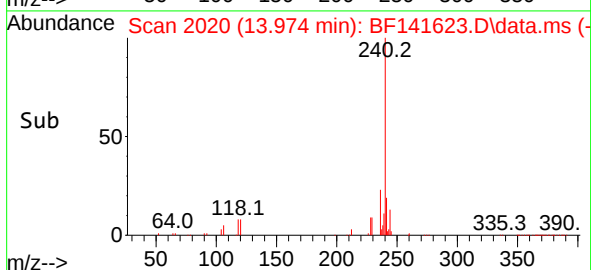
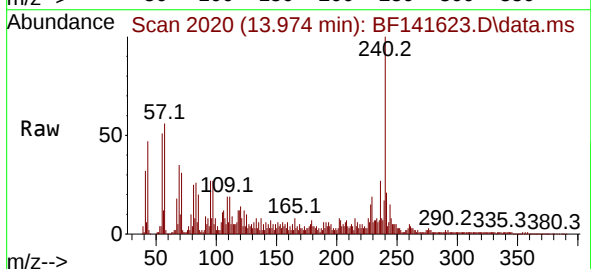
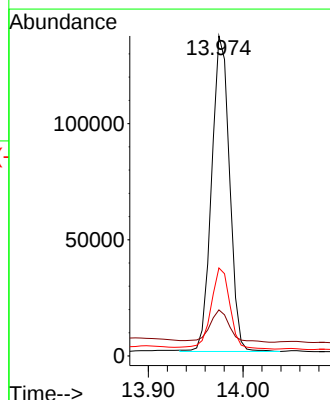
Tgt Ion:240 Resp: 177815

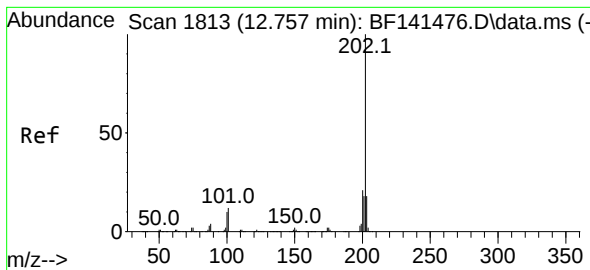
Ion Ratio Lower Upper

240 100

120 14.4 8.0 12.0

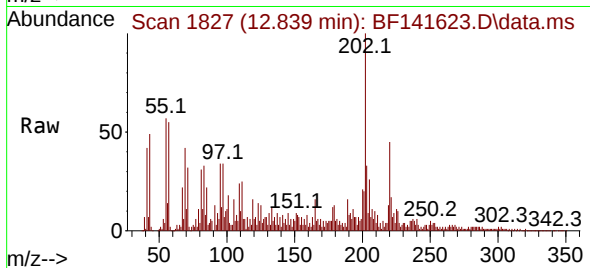
236 27.5 19.8 29.8





#78
Pyrene
Concen: 41.413 ng m
RT: 12.839 min Scan# 1827
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

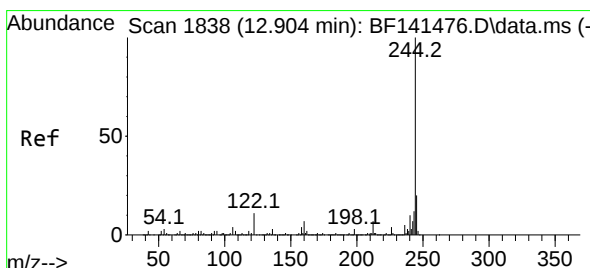
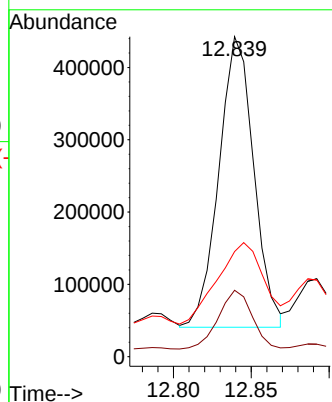
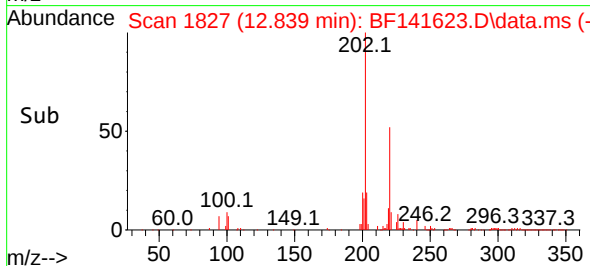
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion:202 Resp: 626864
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 32.8 14.3 21.5

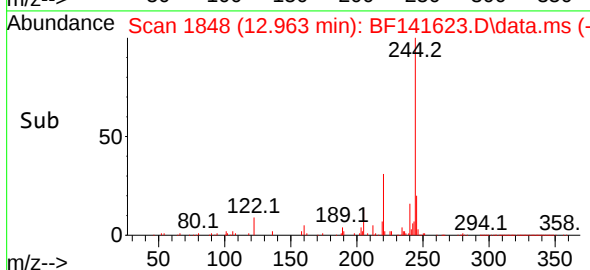
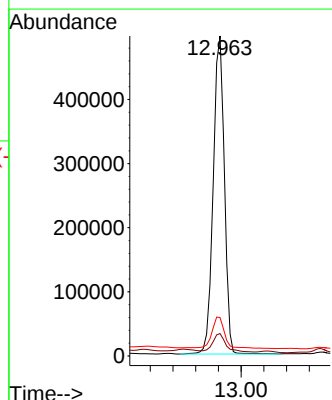
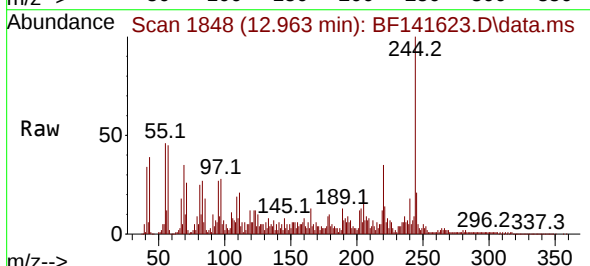
Manual Integrations
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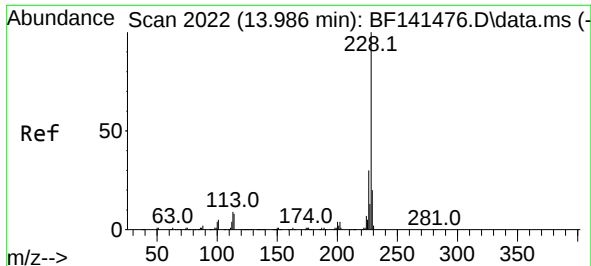
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



#79
Terphenyl-d14
Concen: 64.012 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.059 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

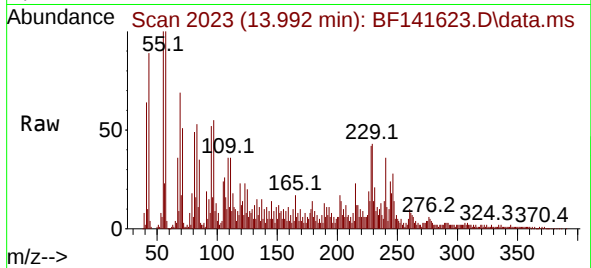
Tgt Ion:244 Resp: 674235
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 8.4 12.6





#83
Chrysene
Concen: 3.832 ng m
RT: 13.992 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

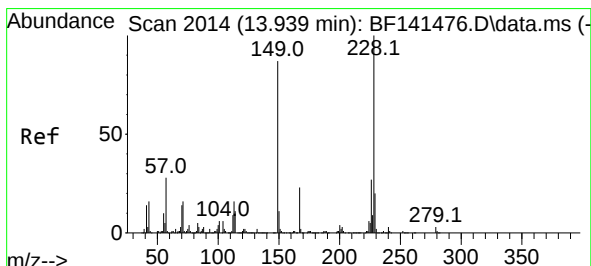
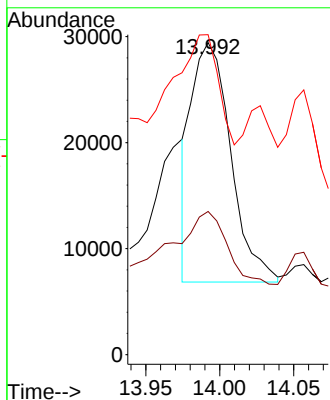
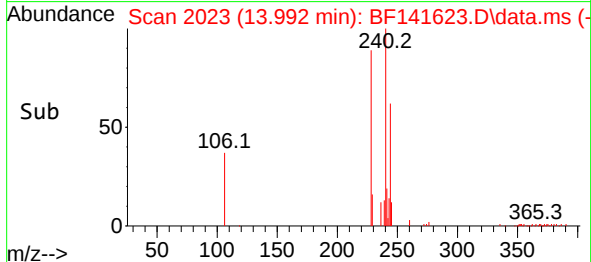
Instrument :
BNA_F
ClientSampleId :
MW1R



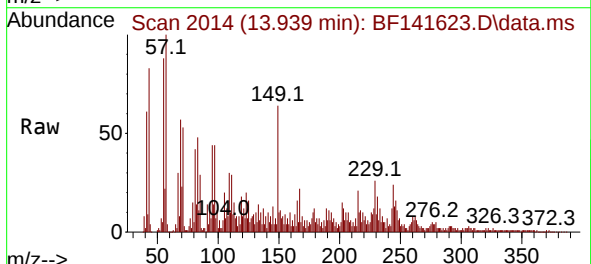
Tgt Ion:228 Resp: 41820
Ion Ratio Lower Upper
228 100
226 45.9 24.0 36.0#
229 102.6 15.7 23.5#

Manual Integrations
APPROVED

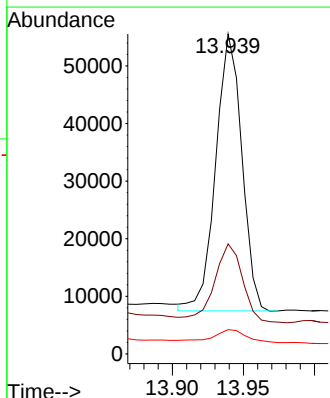
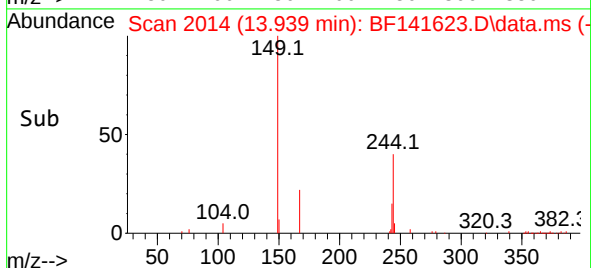
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

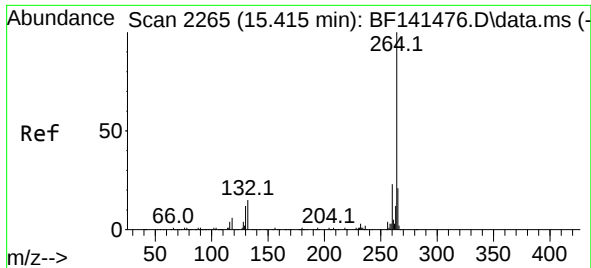


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.373 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



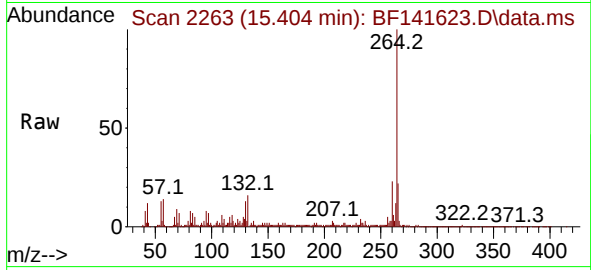
Tgt Ion:149 Resp: 61337
Ion Ratio Lower Upper
149 100
167 34.4 21.4 32.0#
279 7.6 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141623.D
 Acq: 13 Feb 2025 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW1R



Tgt Ion:264 Resp: 197579
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 22.3 17.0 25.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :mohammad ahmed 02/15/2025

