

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136997.D
 Acq On : 08 Jan 2024 14:47
 Operator : CG\JU
 Sample : P1038-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 09 01:20:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60246	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199240	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	93732	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	146366	20.000	ng	# 0.02
76) Chrysene-d12	13.974	240	131431	20.000	ng	0.00
86) Perylene-d12	15.457	264	142406	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	242144	62.712	ng	0.00
7) Phenol-d6	6.434	99	176786	35.335	ng	0.00
23) Nitrobenzene-d5	7.351	82	382504	98.239	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	137288	124.366	ng	0.02
45) 2-Fluorobiphenyl	9.151	172	664631	95.370	ng	0.00
79) Terphenyl-d14	12.922	244	639546	68.001	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.087	128	94031	8.591	ng	# 77
37) 2-Methylnaphthalene	8.786	142	130363	18.506	ng	100
38) 1-Methylnaphthalene	8.886	142	207169	29.976	ng	98
46) 1,1'-Biphenyl	9.251	154	18731	2.381	ng	89
52) Acenaphthene	9.869	154	40726	7.188	ng	# 89
58) Fluorene	10.386	166	86195	12.649	ng	# 79
71) Phenanthrene	11.363	178	152183m	20.264	ng	
78) Pyrene	12.780	202	133178	10.322	ng	# 95

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

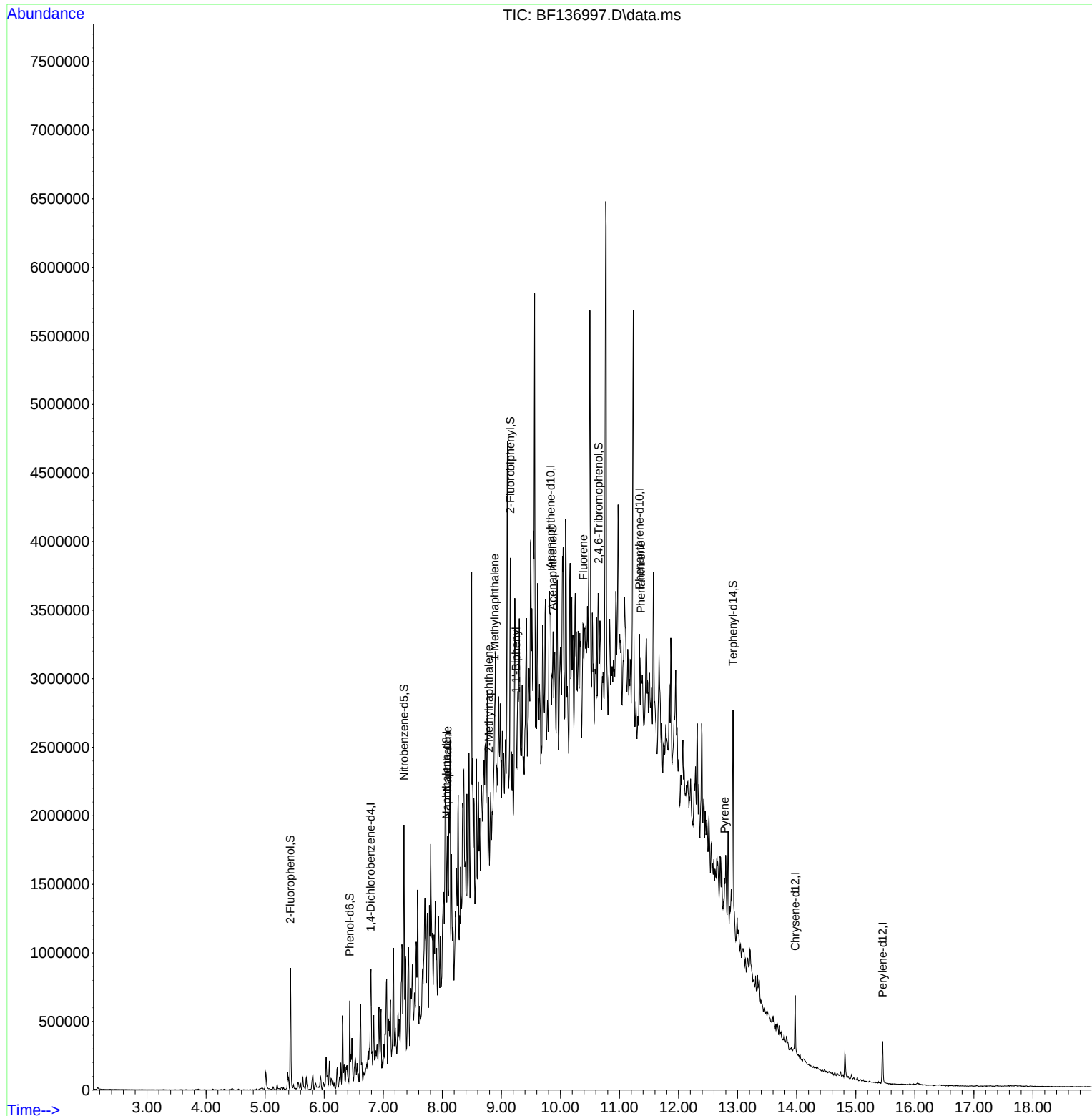
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136997.D
Acq On : 08 Jan 2024 14:47
Operator : CG\JU
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ALS Vial : 10 Sample Multiplier: 1

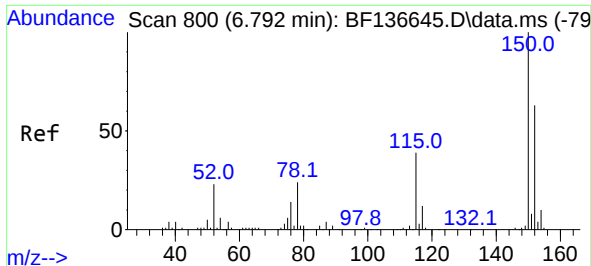
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Jan 09 01:20:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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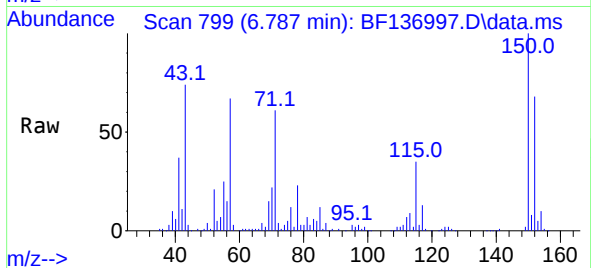
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :

BNA_F

ClientSampleId :

MW-1

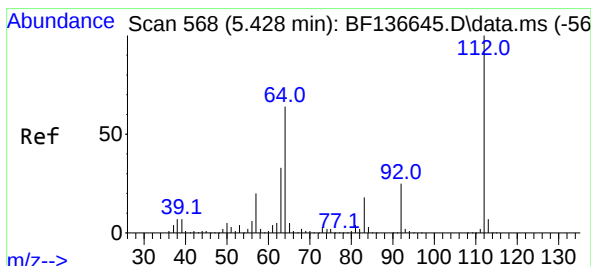
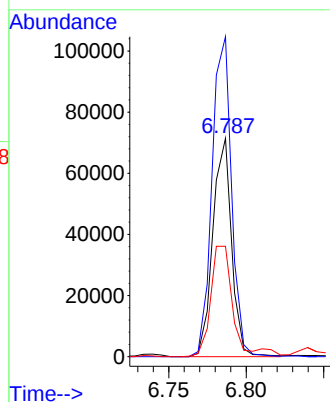
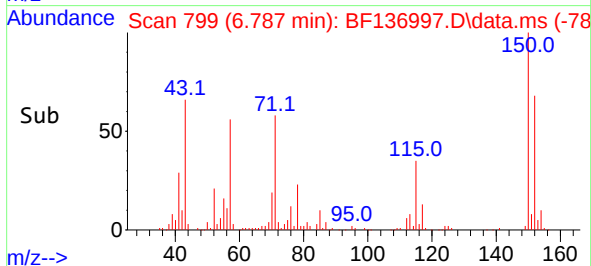


Tgt Ion:152 Resp: 60240
Ion Ratio Lower Upper
152 100
150 146.5 127.0 190.6
115 50.6 49.0 73.4

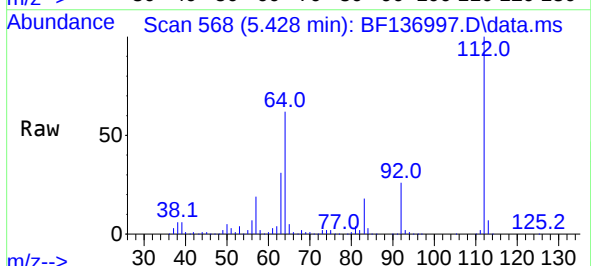
Manual Integrations

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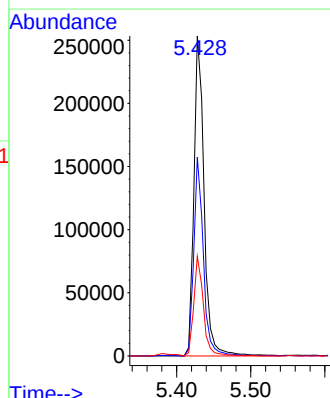
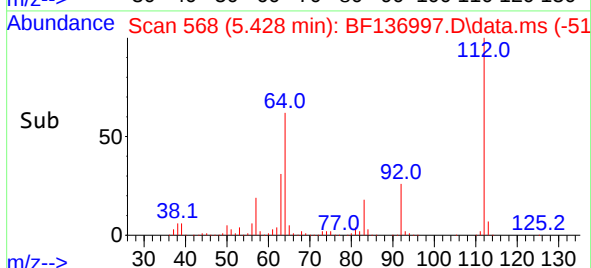
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

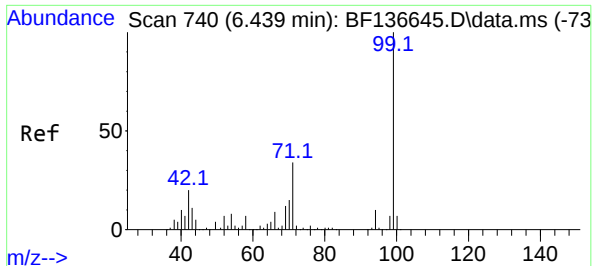


#5
2-Fluorophenol
Concen: 62.712 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47



Tgt Ion:112 Resp: 242144
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 31.2 26.1 39.1





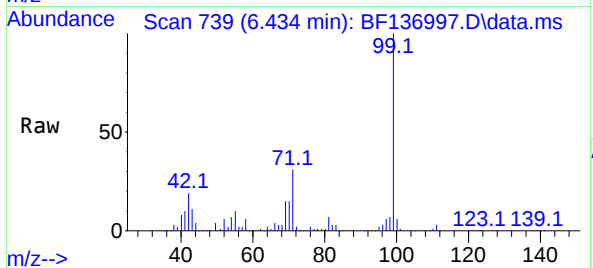
#7
Phenol-d6
Concen: 35.335 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :

BNA_F

ClientSampleId :

MW-1

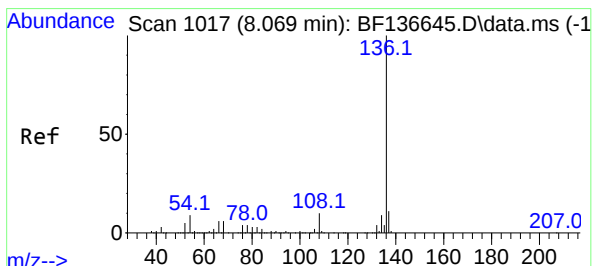
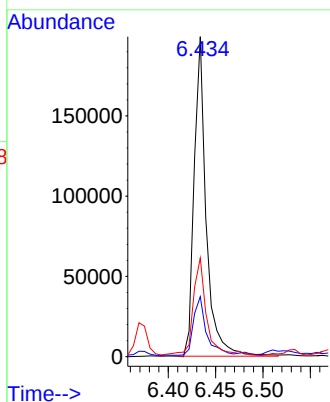
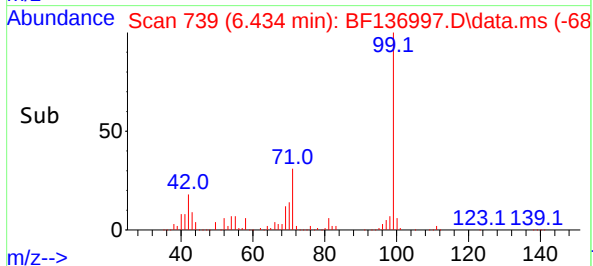


Tgt Ion: 99 Resp: 176780
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 30.9 27.4 41.2

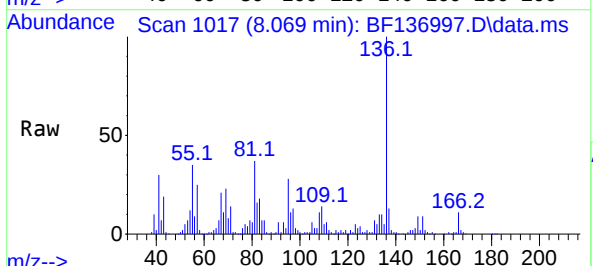
Manual Integrations

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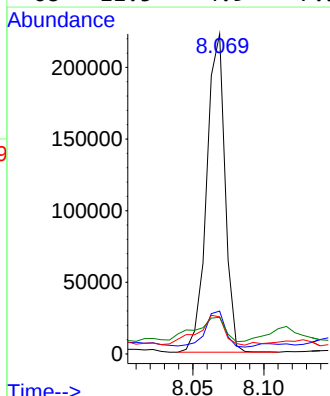
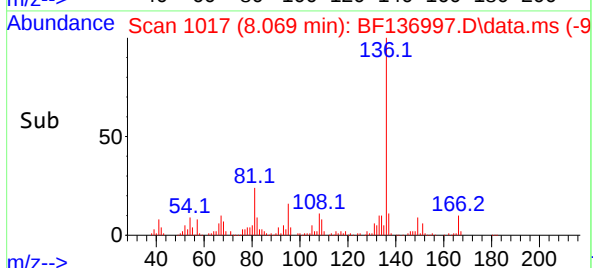
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

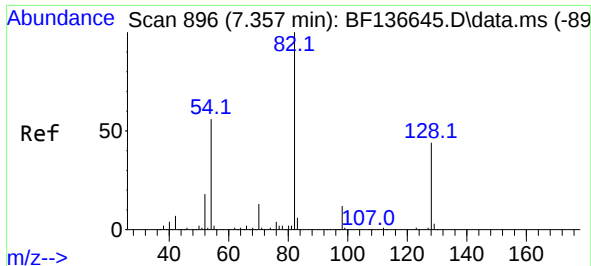


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47



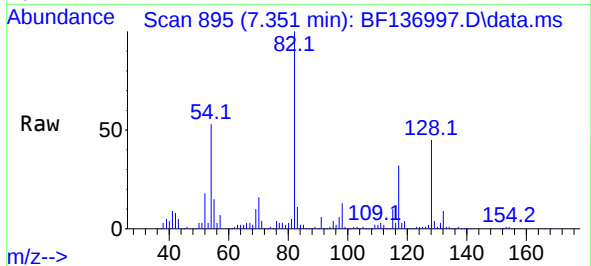
Tgt Ion:136 Resp: 199240
Ion Ratio Lower Upper
136 100
137 13.4 9.0 13.4
54 11.6 7.2 10.8#
68 11.5 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 98.239 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

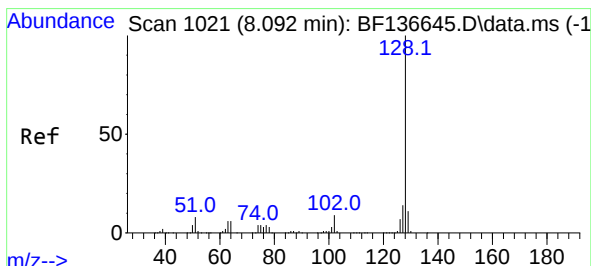
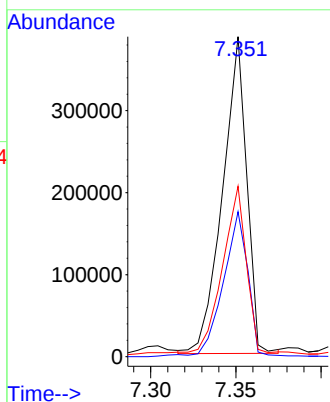
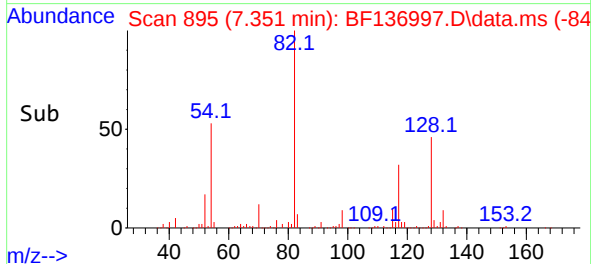
Instrument :
BNA_F
ClientSampleId :
MW-1



Tgt Ion: 82 Resp: 382504
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 53.3 44.5 66.7

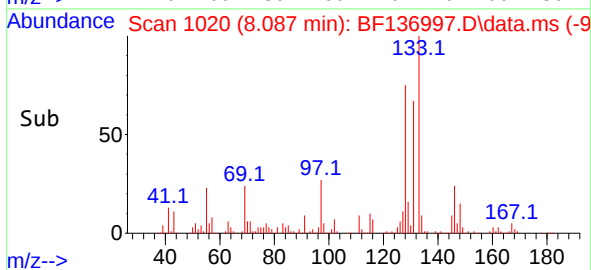
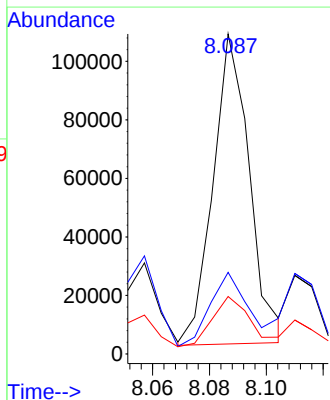
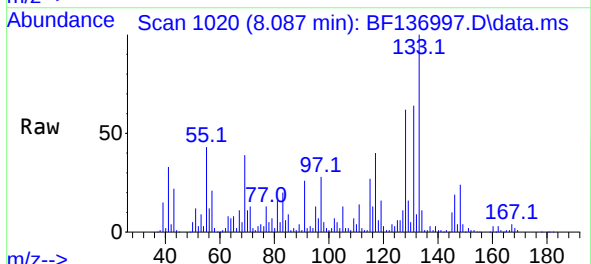
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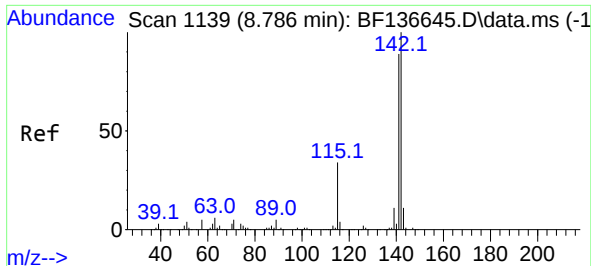
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#31
Naphthalene
Concen: 8.591 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Tgt Ion:128 Resp: 94031
Ion Ratio Lower Upper
128 100
129 25.5 8.7 13.1#
127 18.0 10.8 16.2#





#37

2-Methylnaphthalene

Concen: 18.506 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136997.D

Acq: 08 Jan 2024 14:47

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:142 Resp: 13036

Ion Ratio Lower Upper

142 100

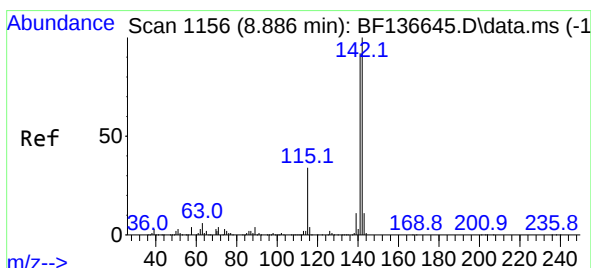
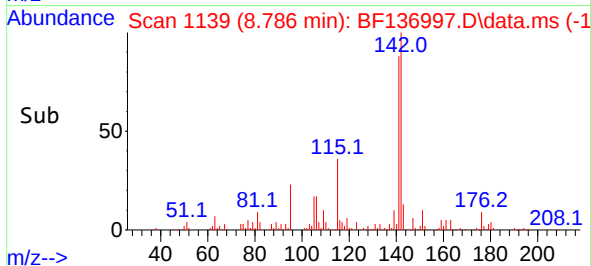
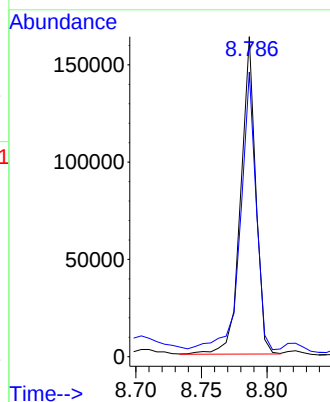
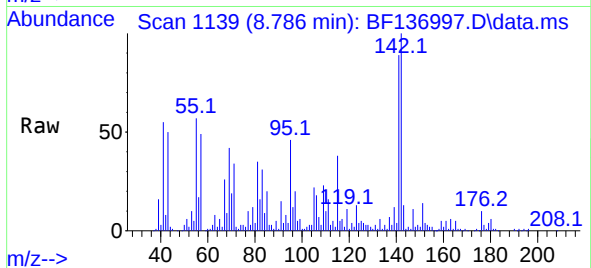
141 88.9 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#38

1-Methylnaphthalene

Concen: 29.976 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136997.D

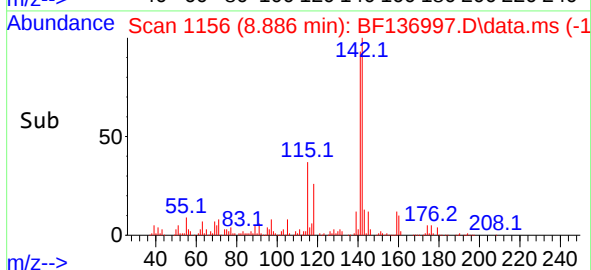
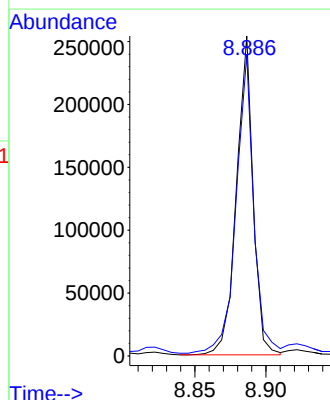
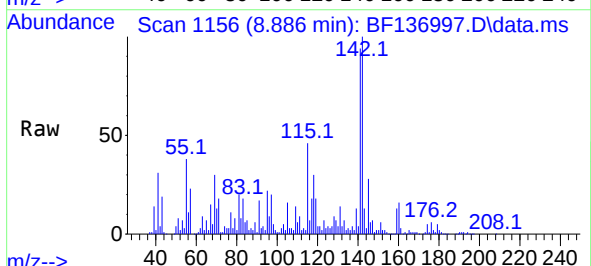
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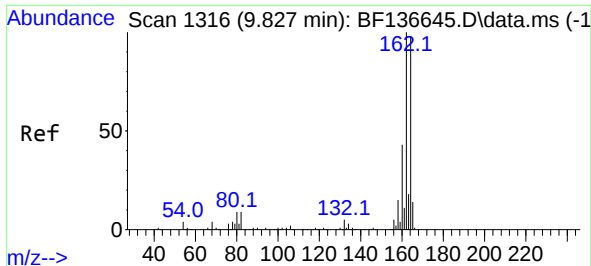
Tgt Ion:142 Resp: 207169

Ion Ratio Lower Upper

142 100

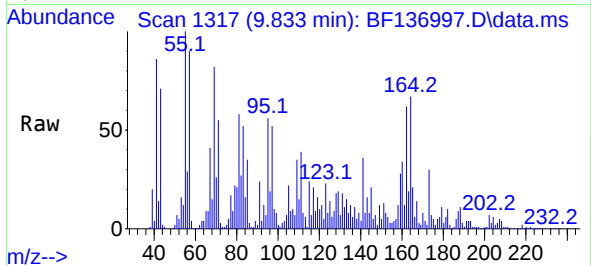
141 94.1 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

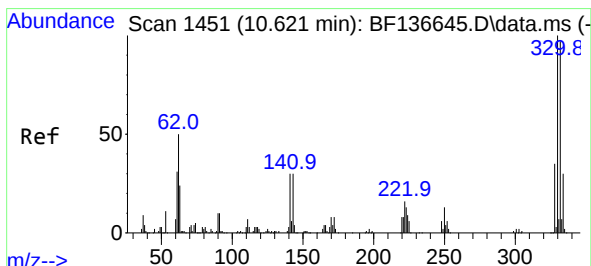
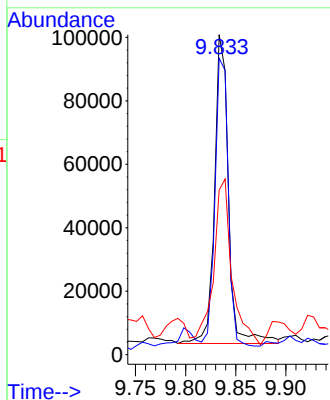
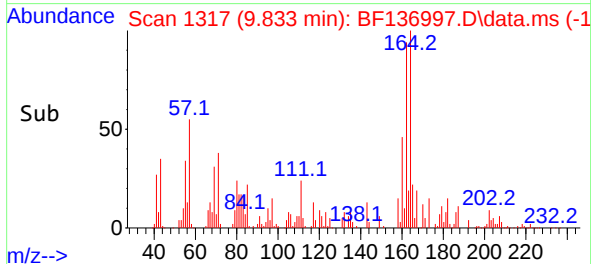
Instrument :
BNA_F
ClientSampleId :
MW-1



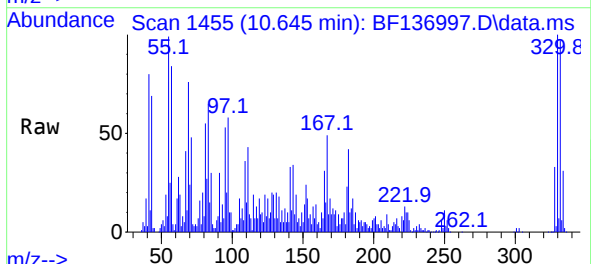
Tgt Ion:164 Resp: 9373
Ion Ratio Lower Upper
164 100
162 92.6 81.6 122.4
160 51.4 34.9 52.3

Manual Integrations
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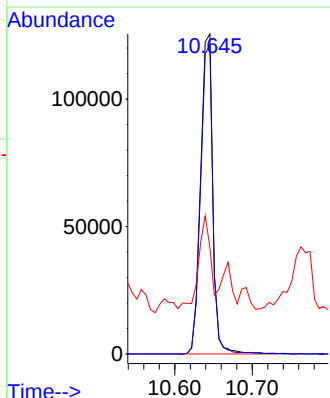
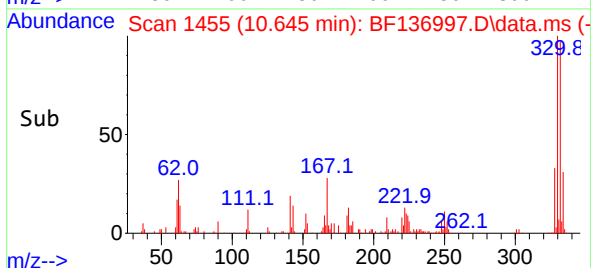
Reviewed By :Yogesh Patel 01/09/2024
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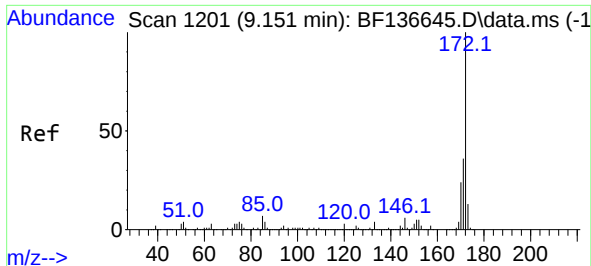


#42
2,4,6-Tribromophenol
Concen: 124.366 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.024 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47



Tgt Ion:330 Resp: 137288
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 29.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 95.370 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :

BNA_F

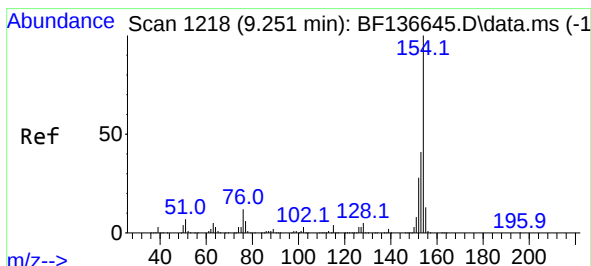
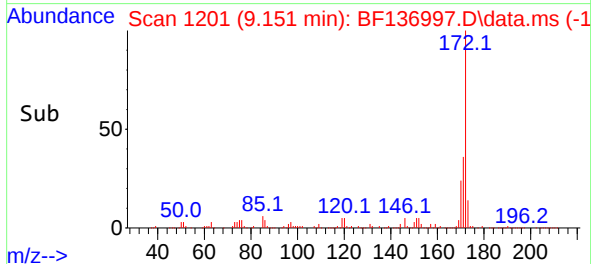
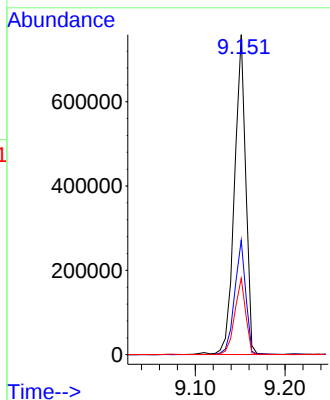
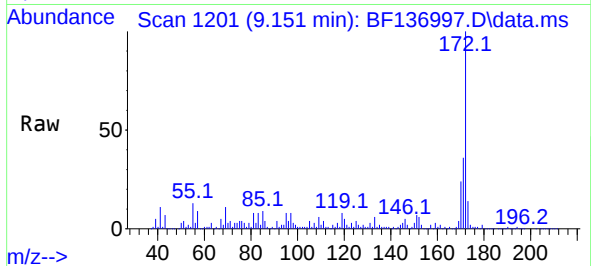
ClientSampleId :

MW-1

Tgt Ion:172 Resp: 66463
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.9 19.0 28.4

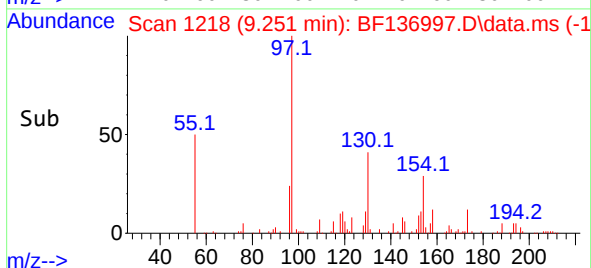
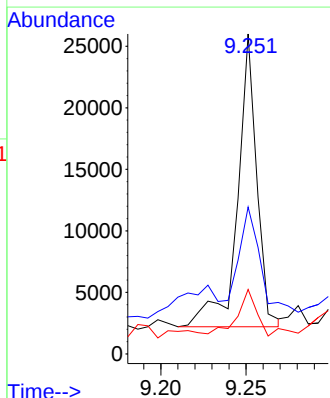
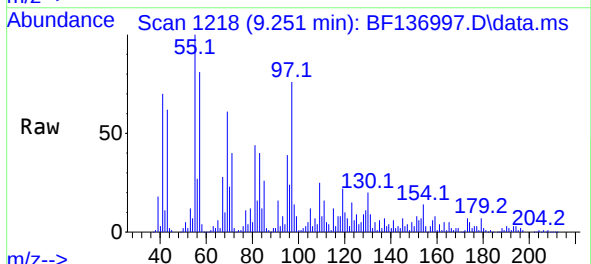
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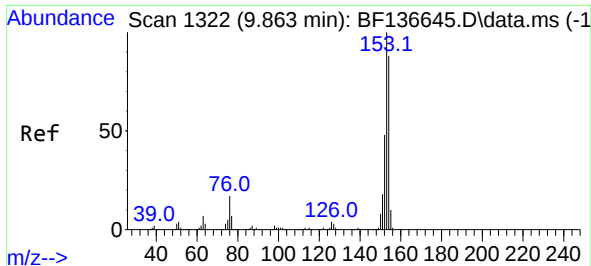
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#46
1,1'-Biphenyl
Concen: 2.381 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Tgt Ion:154 Resp: 18731
Ion Ratio Lower Upper
154 100
153 45.9 21.1 61.1
76 20.1 0.0 31.7





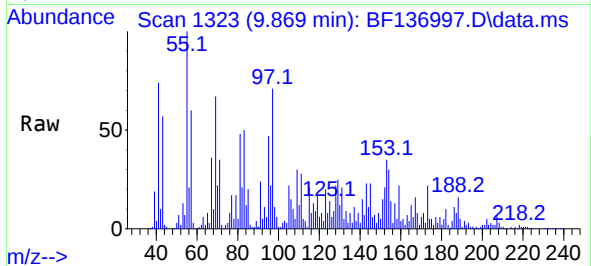
#52
Acenaphthene
Concen: 7.188 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :

BNA_F

ClientSampleId :

MW-1

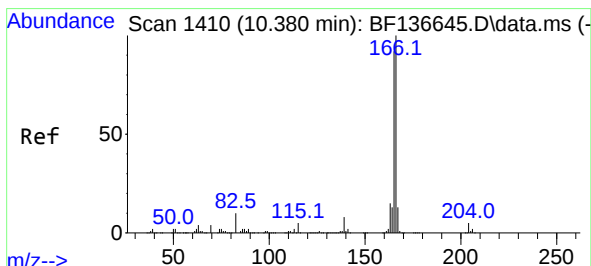
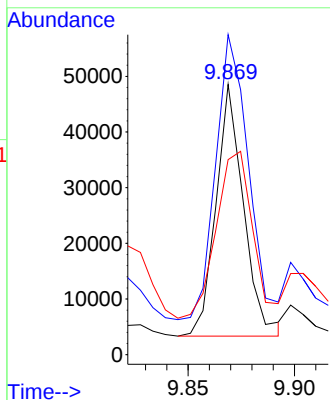
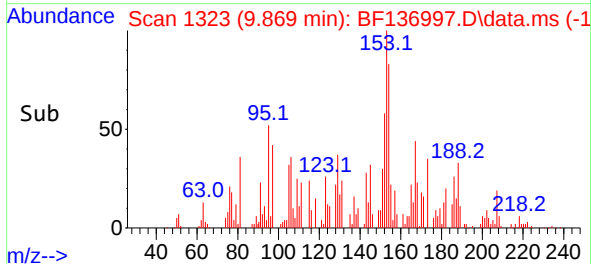


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Ion Ratio Lower Upper
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153 118.4 90.7 136.1
152 72.1 43.7 65.5

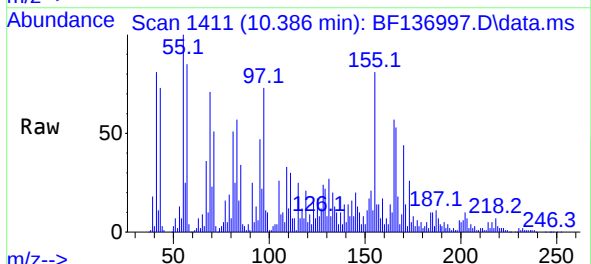
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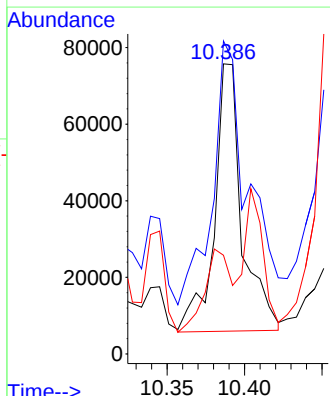
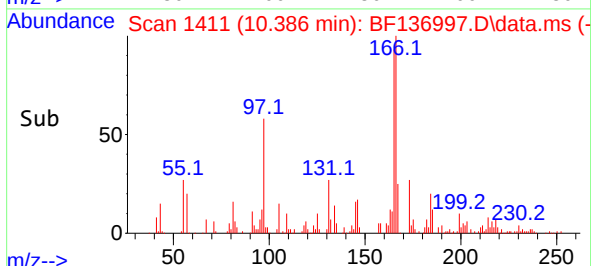
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

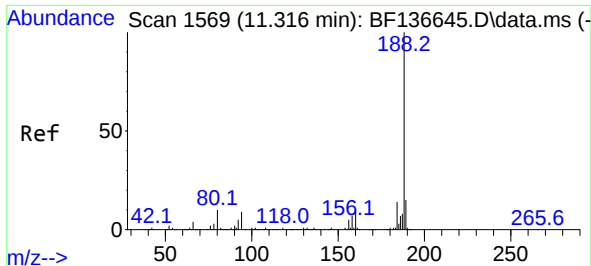


#58
Fluorene
Concen: 12.649 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47



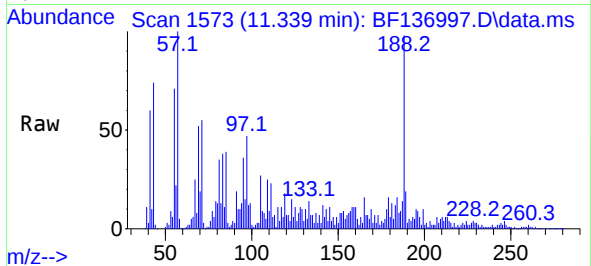
Tgt Ion:166 Resp: 86195
Ion Ratio Lower Upper
166 100
165 107.9 73.7 110.5
167 34.0 10.4 15.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.024 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

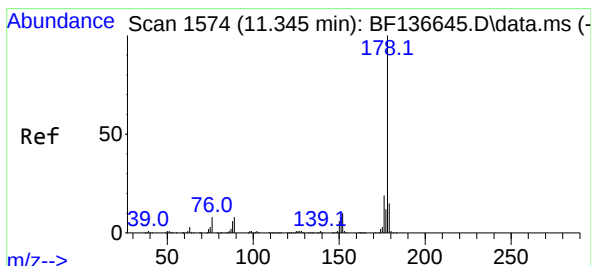
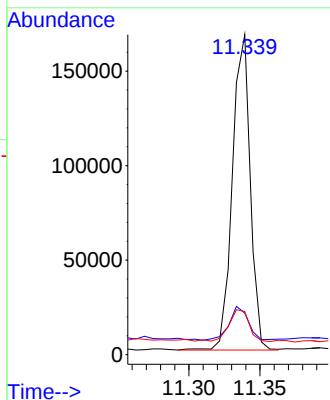
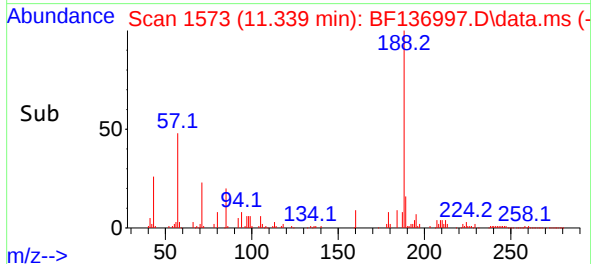
Instrument :
BNA_F
ClientSampleId :
MW-1



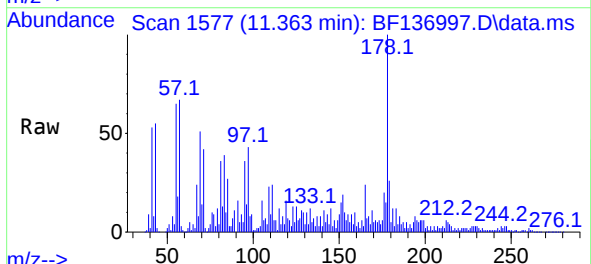
Tgt Ion:188 Resp: 146360
Ion Ratio Lower Upper
188 100
94 13.0 7.5 11.3
80 13.5 8.1 12.1

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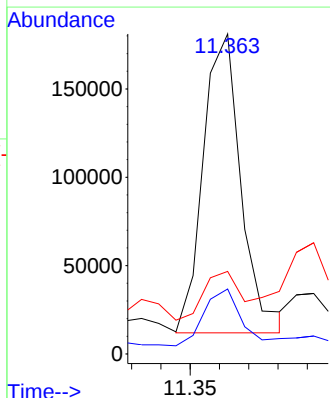
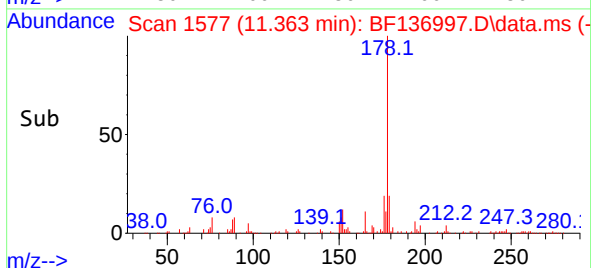
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

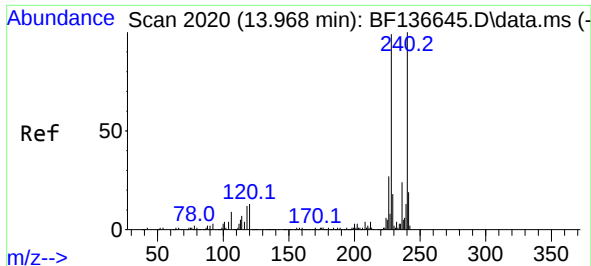


#71
Phenanthrene
Concen: 20.264 ng m
RT: 11.363 min Scan# 1577
Delta R.T. 0.018 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47



Tgt Ion:178 Resp: 152183
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 25.8 11.9 17.9





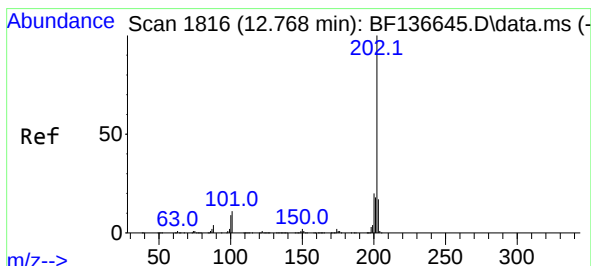
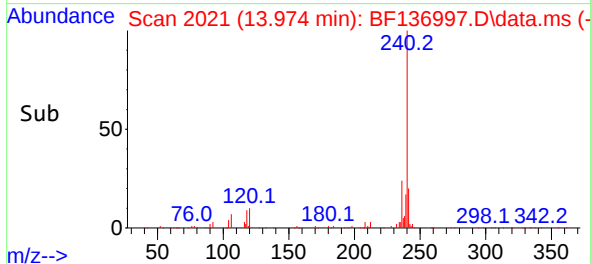
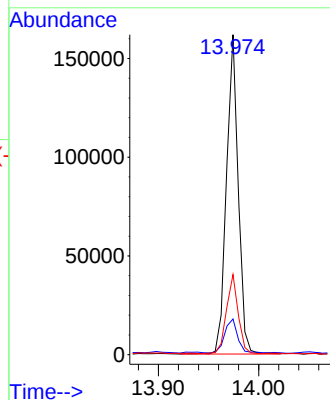
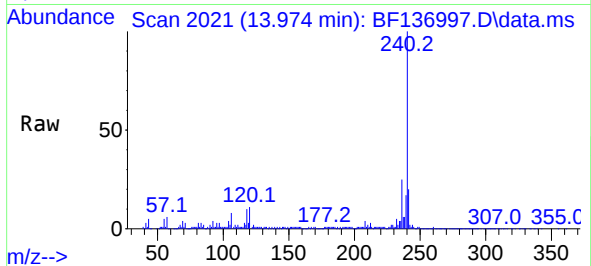
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 13143
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 25.1 19.4 29.2

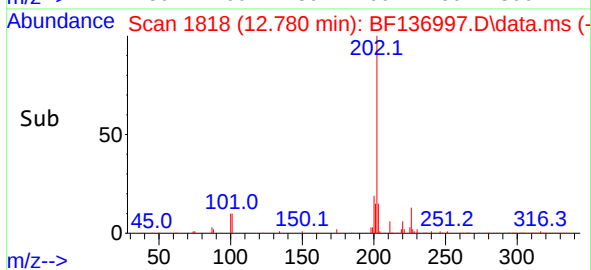
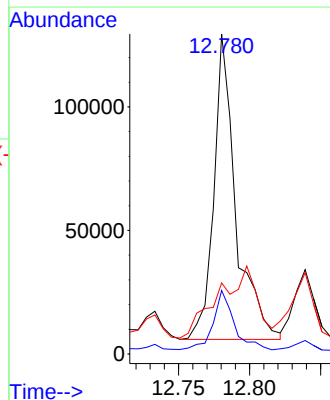
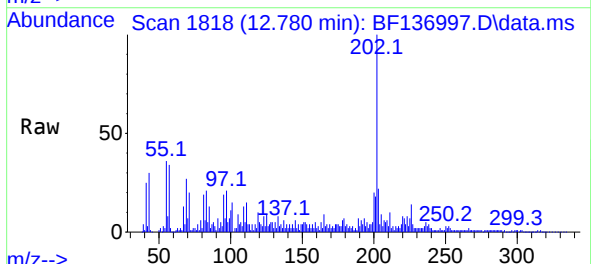
Manual Integrations
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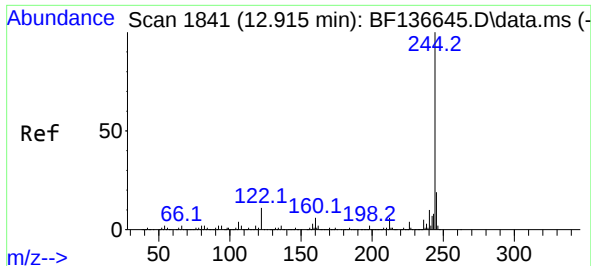
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#78
Pyrene
Concen: 10.322 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Tgt Ion:202 Resp: 133178
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 22.2 13.8 20.6#





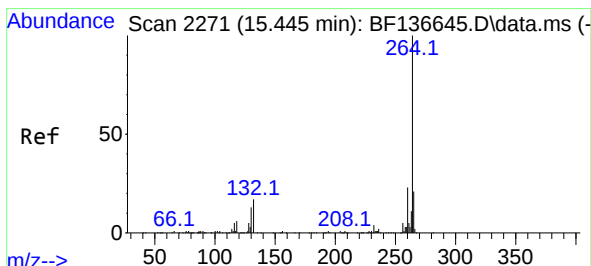
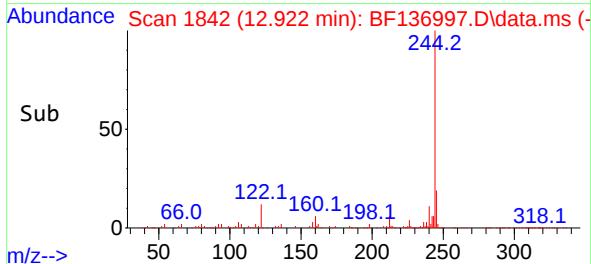
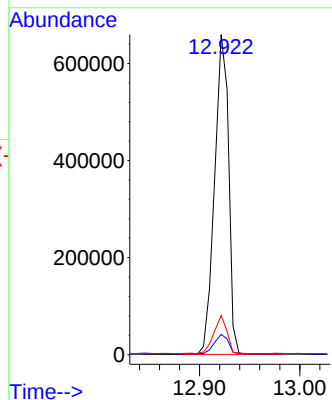
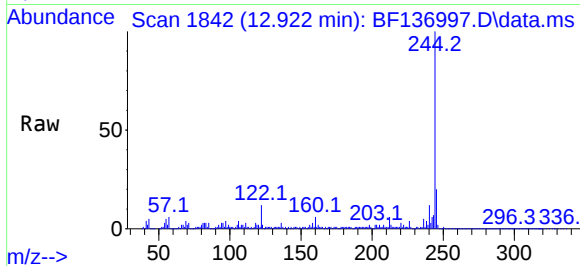
#79
Terphenyl-d14
Concen: 68.001 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 639540
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.2 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136997.D
Acq: 08 Jan 2024 14:47

Tgt Ion:264 Resp: 142406
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 20.6 17.0 25.6

