

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136959.D
 Acq On : 05 Jan 2024 00:57
 Operator : CG\JU
 Sample : 06015-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 01:30:14 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	6.781	152	51184	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	180408	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	86527	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	150992	20.000	ng	0.00
76) Chrysene-d12	13.969	240	126661	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	116471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	172844	52.689	ng	0.00
7) Phenol-d6	6.428	99	213210	50.160	ng	-0.01
23) Nitrobenzene-d5	7.340	82	127566	36.183	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	51815	50.846	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	270859	42.103	ng	-0.02
79) Terphenyl-d14	12.904	244	259752	28.659	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	55643	7.182	ng	98
75) Fluoranthene	12.527	202	87813	10.596	ng	97
78) Pyrene	12.757	202	82980	6.674	ng	99
81) Benzo(a)anthracene	13.957	228	49952	5.679	ng	97
83) Chrysene	13.992	228	43177	5.020	ng	97
88) Benzo(b)fluoranthene	15.016	252	49663m	6.384	ng	
89) Benzo(k)fluoranthene	15.045	252	17434m	2.372	ng	
90) Benzo(a)pyrene	15.386	252	33030	5.030	ng	95
92) Benzo(g,h,i)perylene	17.421	276	17257	2.442	ng	# 94

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

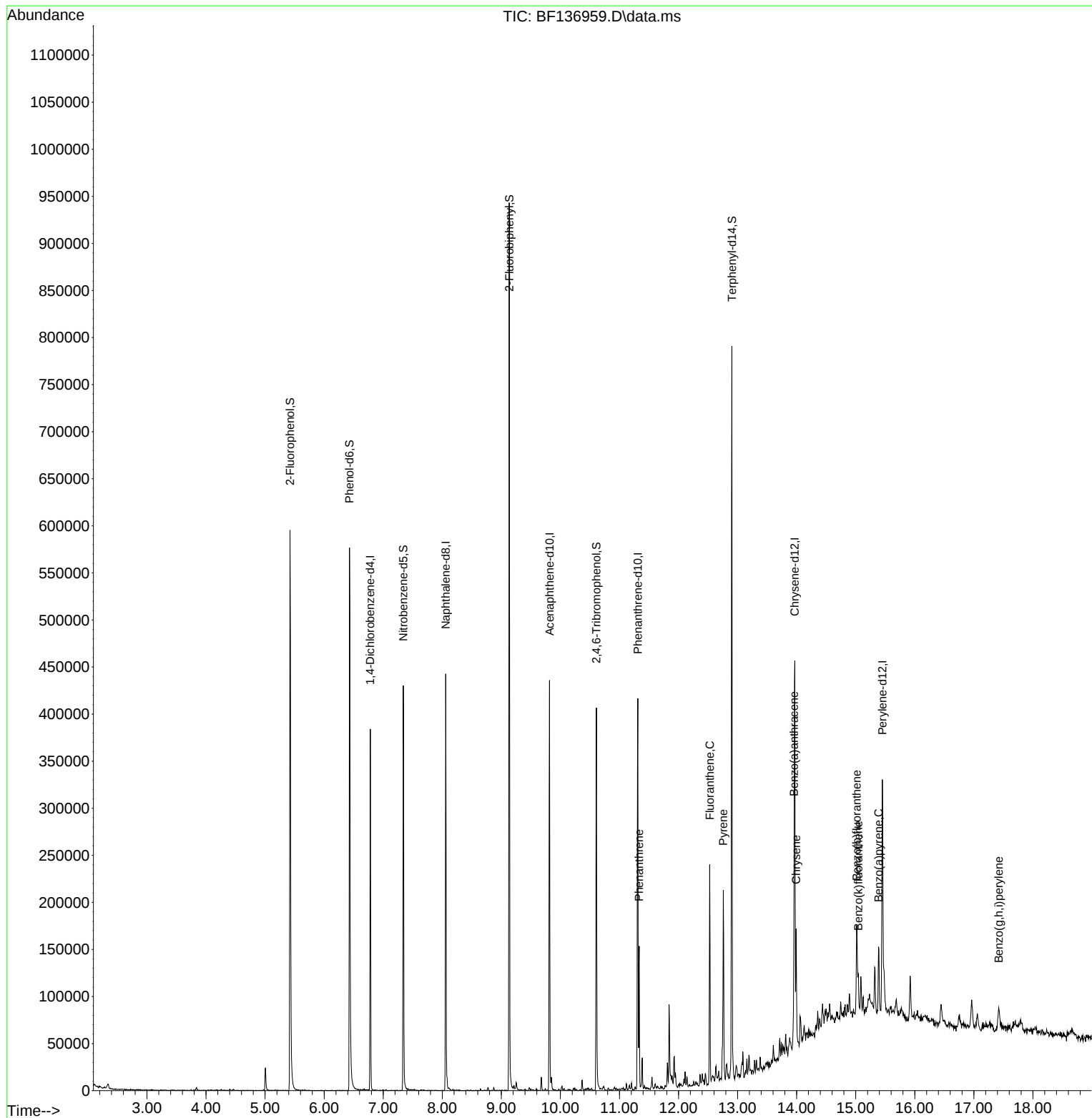
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136959.D
Acq On : 05 Jan 2024 00:57
Operator : CG\JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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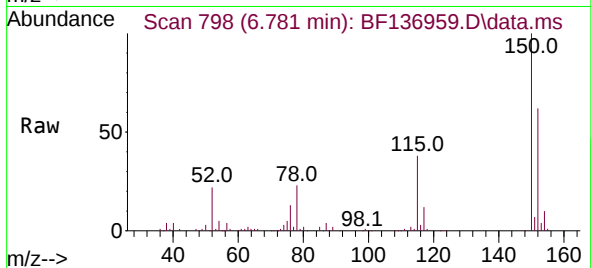
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

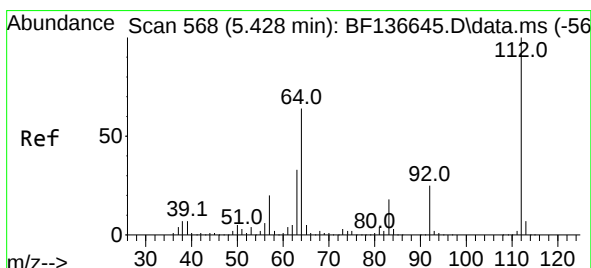
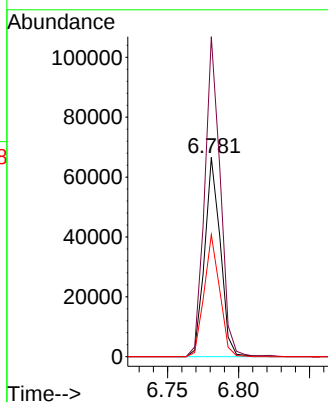
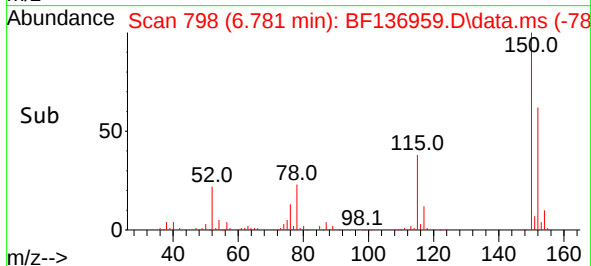
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:152 Resp: 51184
Ion Ratio Lower Upper
152 100
150 160.6 127.0 190.6
115 61.2 49.0 73.4

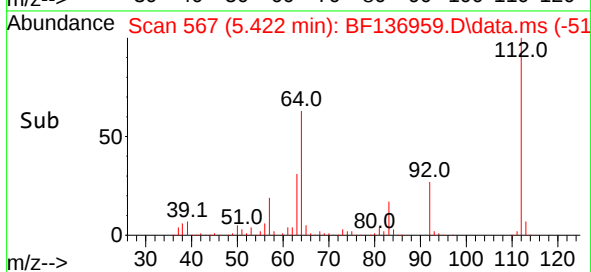
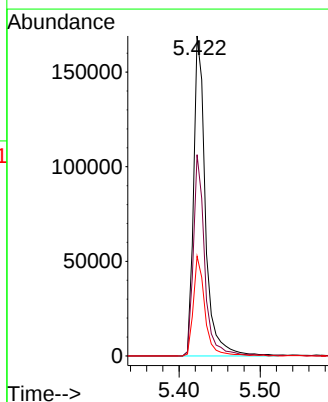
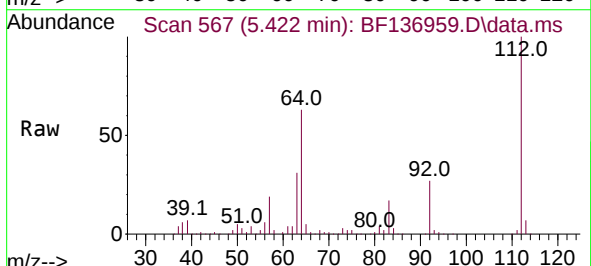
Manual Integrations
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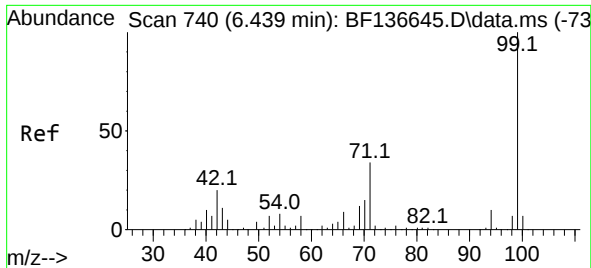
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#5
2-Fluorophenol
Concen: 52.689 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

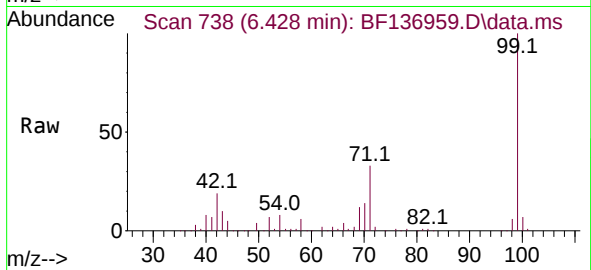
Tgt Ion:112 Resp: 172844
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.1 26.1 39.1





#7
Phenol-d6
Concen: 50.160 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

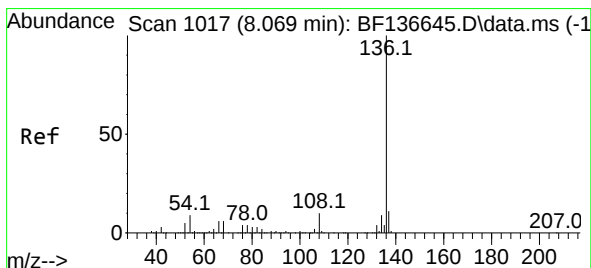
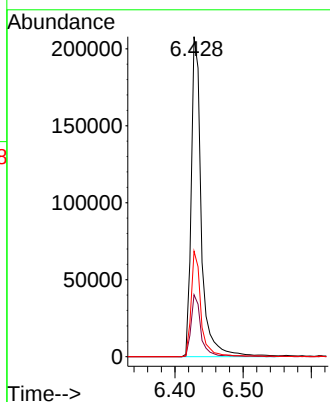
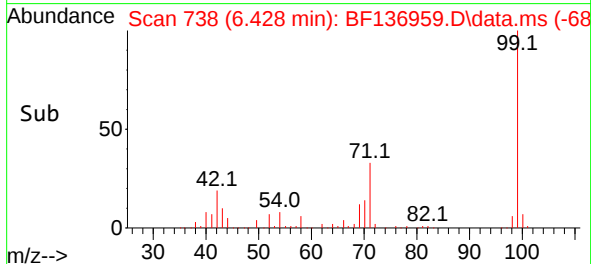
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



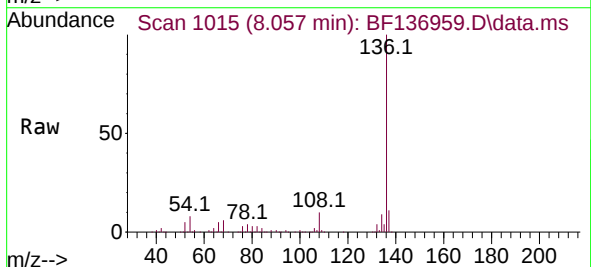
Tgt Ion: 99 Resp: 213210
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.9 27.4 41.2

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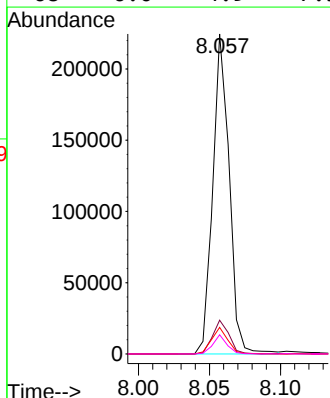
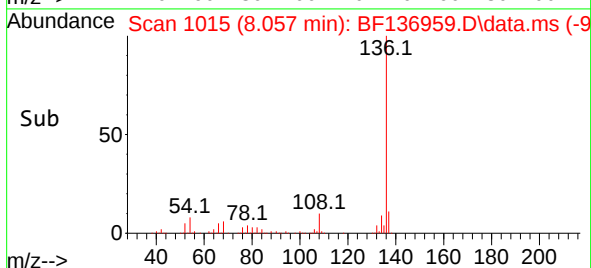
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

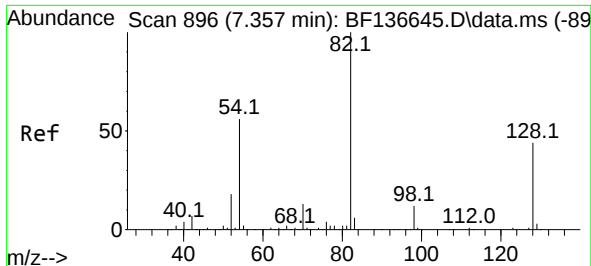


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57



Tgt Ion:136 Resp: 180408
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.3 7.2 10.8
68 6.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 36.183 ng
RT: 7.340 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

Instrument :

BNA_F

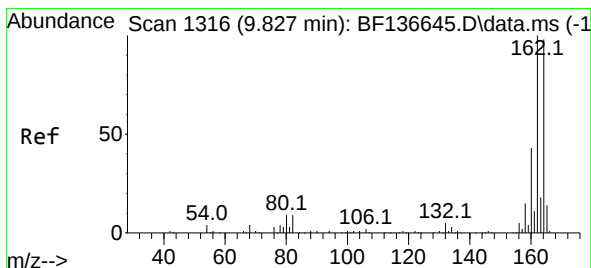
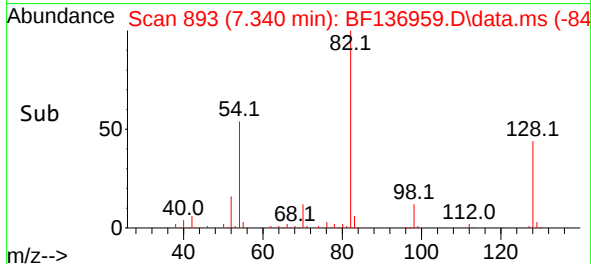
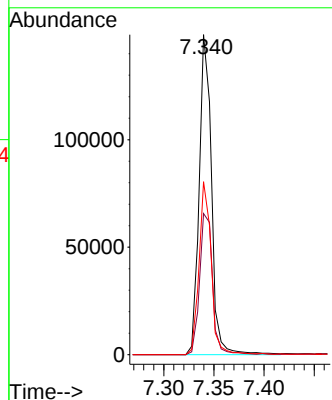
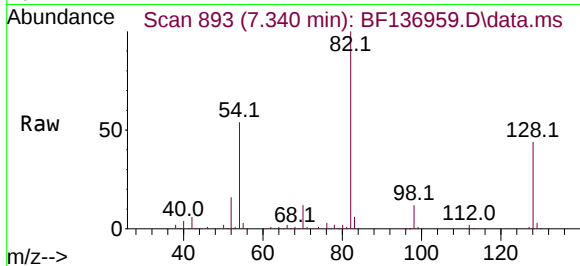
ClientSampleId :

MR-317-0-2

Tgt Ion: 82 Resp: 127560
Ion Ratio Lower Upper
82 100
128 44.1 35.3 52.9
54 54.1 44.5 66.7

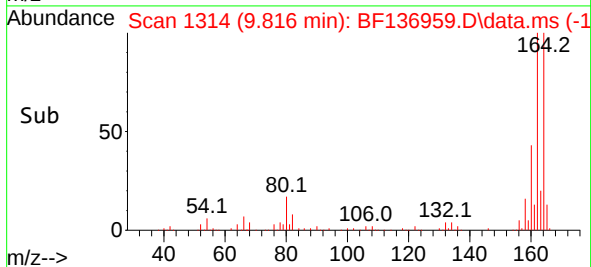
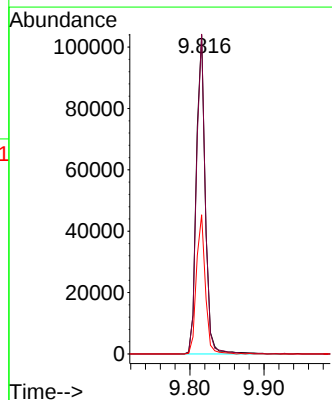
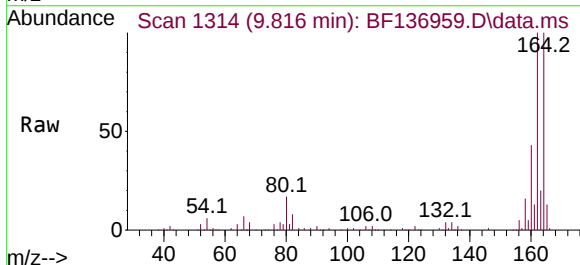
Manual Integrations
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Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

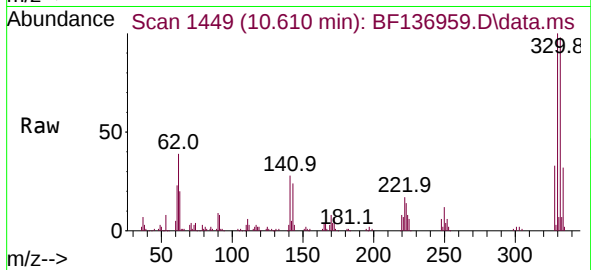
Tgt Ion:164 Resp: 86527
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 43.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 50.846 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

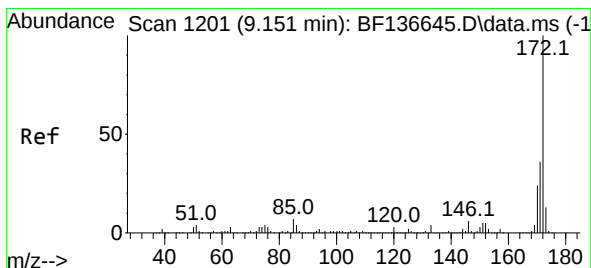
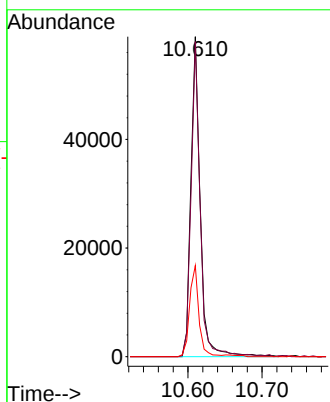
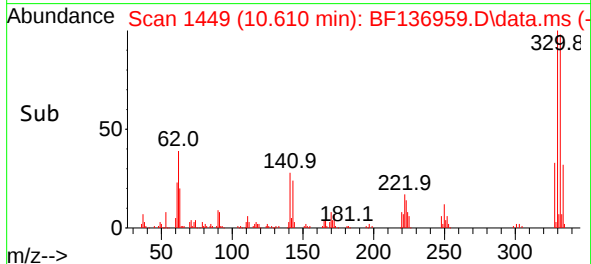
Instrument :
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ClientSampleId :
MR-317-0-2



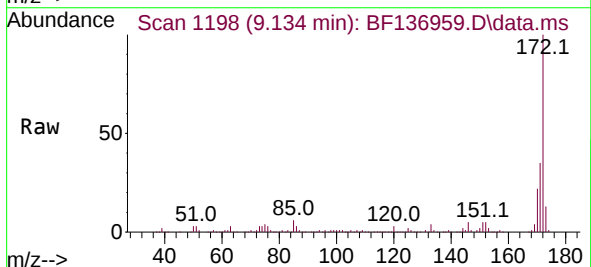
Tgt Ion: 330 Resp: 51815
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 28.3 23.4 35.2

Manual Integrations
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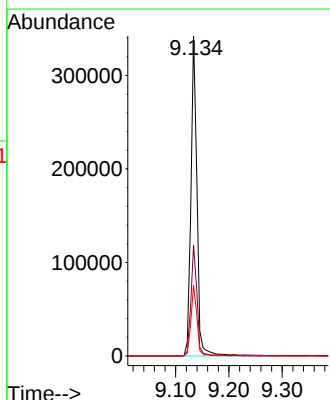
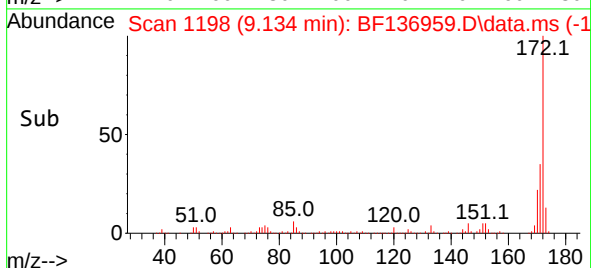
Reviewed By : Yogesh Patel 01/05/2024
Supervised By : mohammad ahmed 01/05/2024



#45
2-Fluorobiphenyl
Concen: 42.103 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57



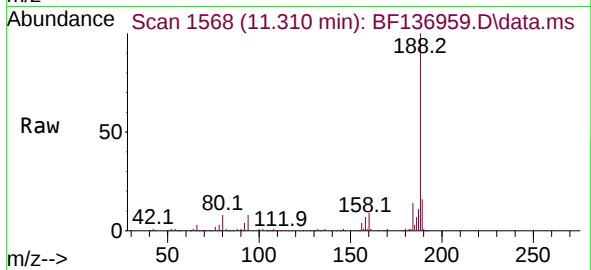
Tgt Ion: 172 Resp: 270859
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.6
170 22.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

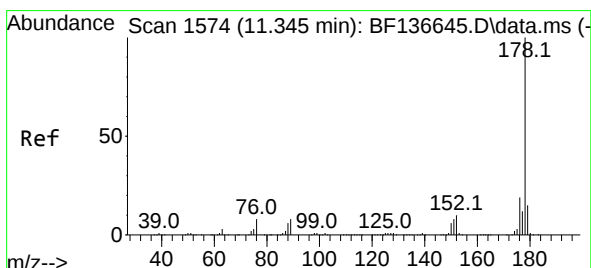
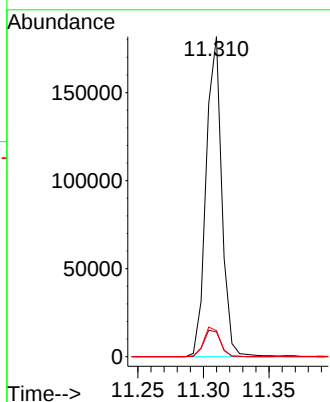
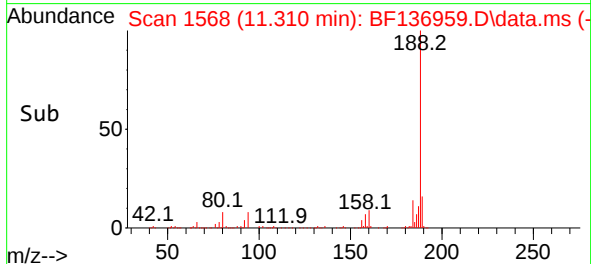
Instrument :
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ClientSampleId :
MR-317-0-2



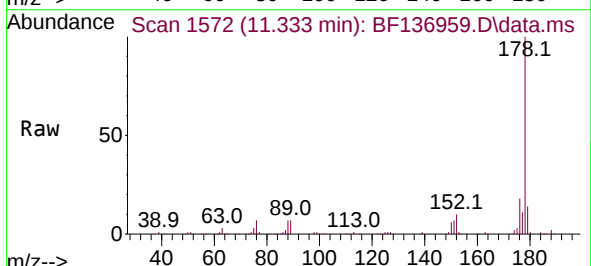
Tgt Ion:188 Resp: 150992
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 8.2 8.1 12.1

Manual Integrations
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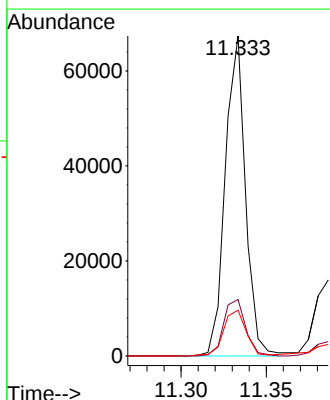
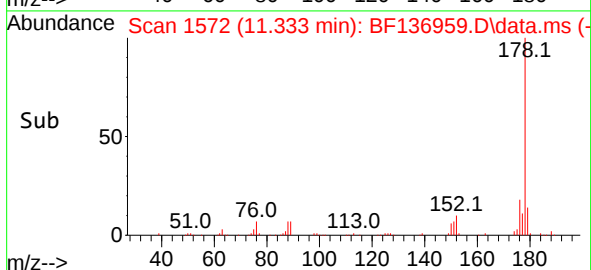
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

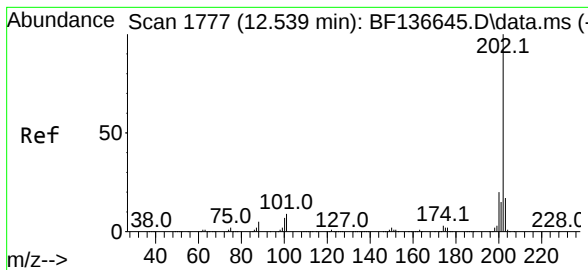


#71
Phenanthrene
Concen: 7.182 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57



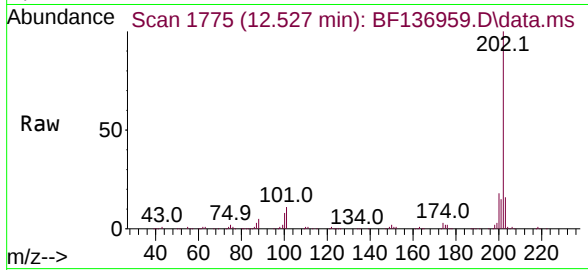
Tgt Ion:178 Resp: 55643
Ion Ratio Lower Upper
178 100
176 17.6 15.3 22.9
179 14.3 11.9 17.9





#75
Fluoranthene
Concen: 10.596 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

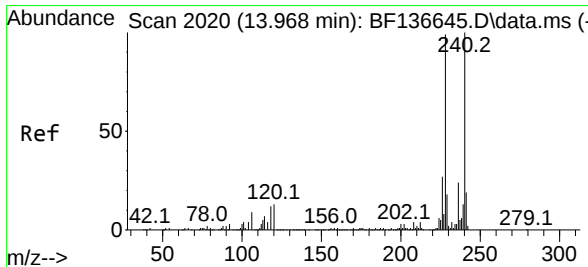
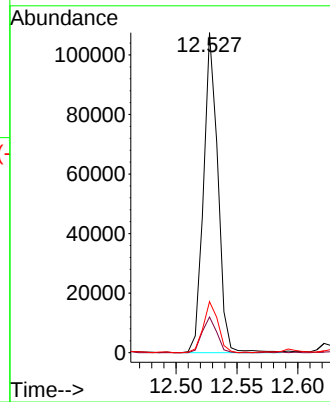
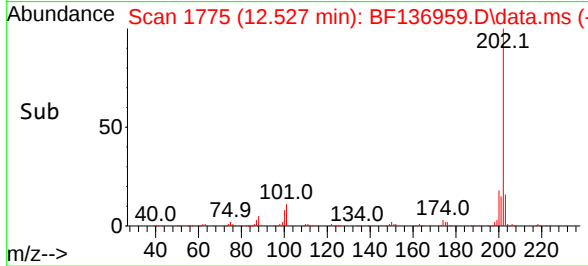
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MR-317-0-2



Tgt Ion:202 Resp: 87811
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 16.0 0.0 37.1

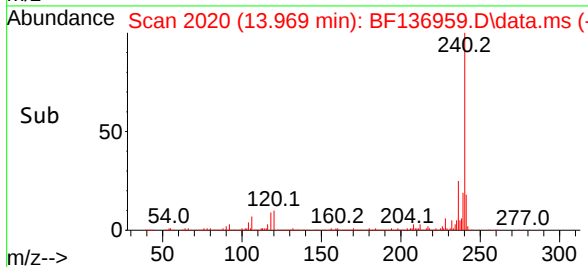
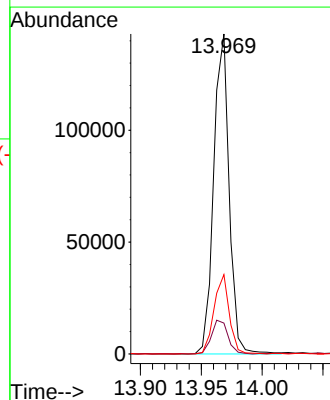
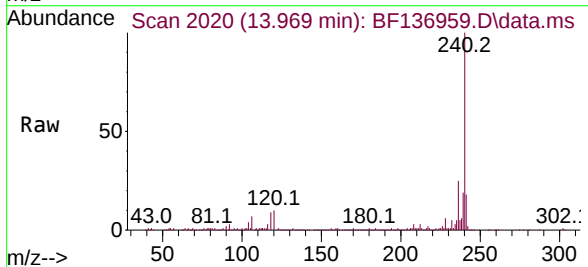
Manual Integrations
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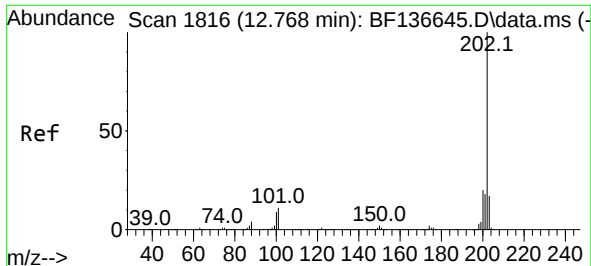
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

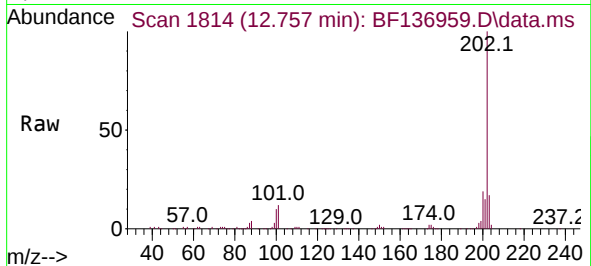
Tgt Ion:240 Resp: 126661
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 24.8 19.4 29.2





#78
Pyrene
Concen: 6.674 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

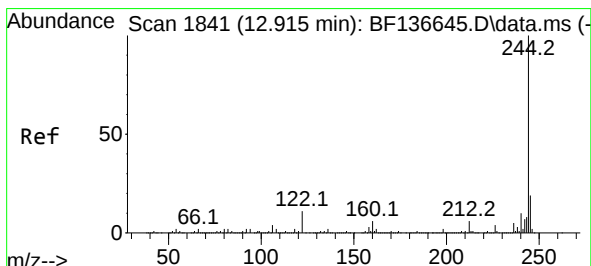
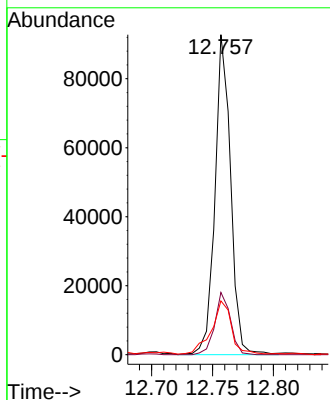
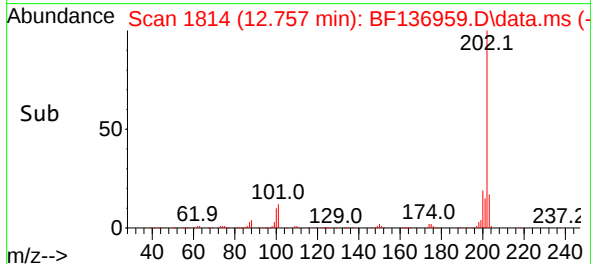
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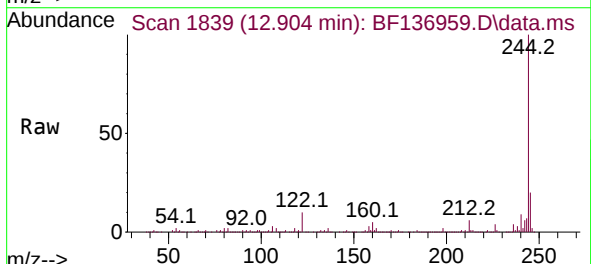
Tgt Ion:202 Resp: 82980
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 16.8 13.8 20.6

Manual Integrations
APPROVED

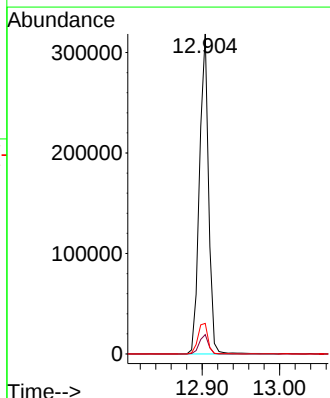
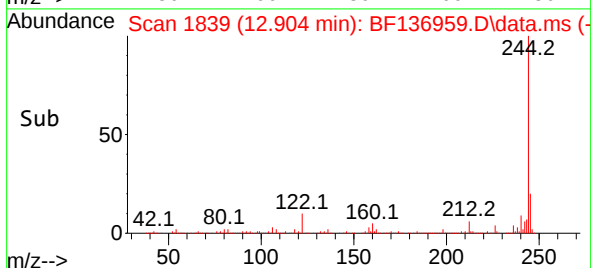
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

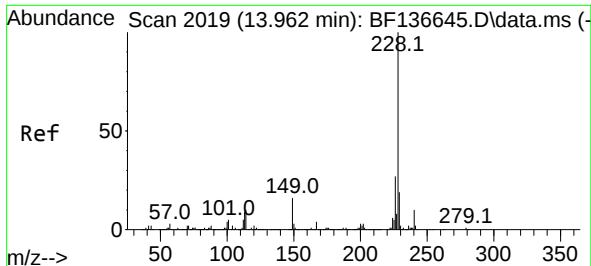


#79
Terphenyl-d14
Concen: 28.659 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57



Tgt Ion:244 Resp: 259752
Ion Ratio Lower Upper
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212 6.0 5.0 7.4
122 9.6 9.0 13.4





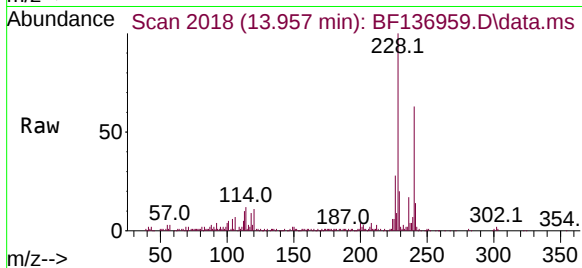
#81
Benzo(a)anthracene
Concen: 5.679 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2



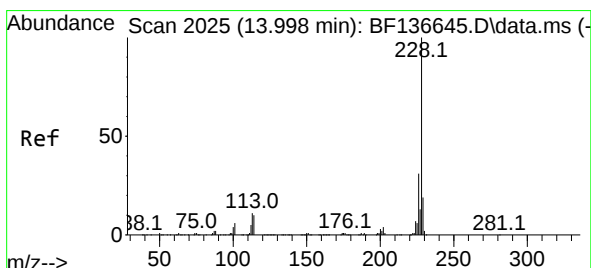
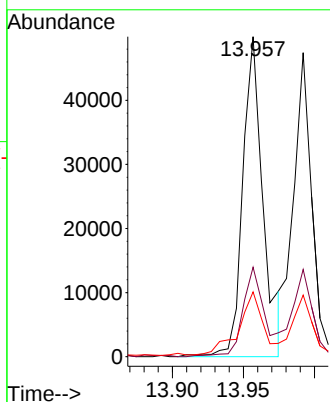
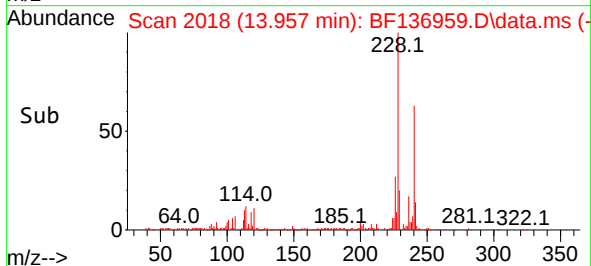
Tgt Ion:228 Resp: 4995
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.3 14.9 22.3

Manual Integrations

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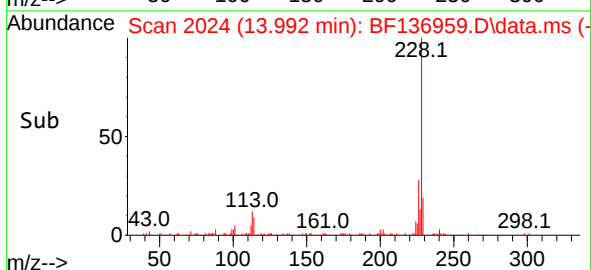
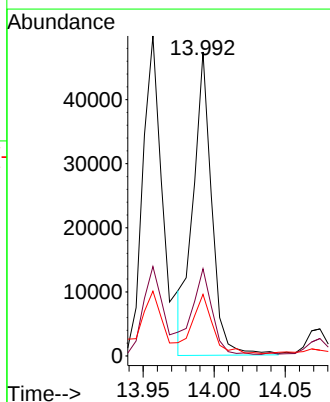
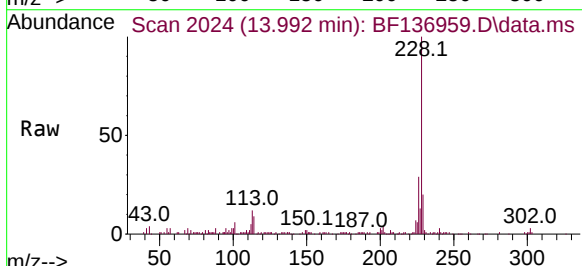
Reviewed By :Yogesh Patel 01/05/2024

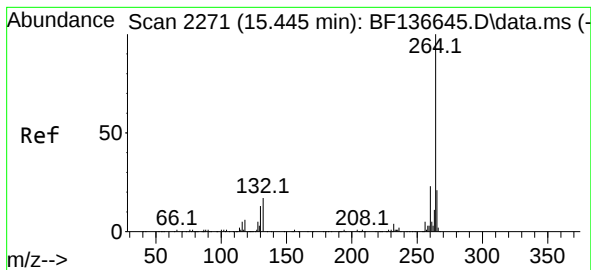
Supervised By :mohammad ahmed 01/05/2024



#83
Chrysene
Concen: 5.020 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

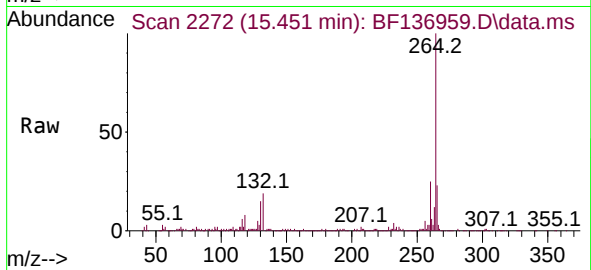
Tgt Ion:228 Resp: 43177
Ion Ratio Lower Upper
228 100
226 28.7 24.7 37.1
229 20.3 15.4 23.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

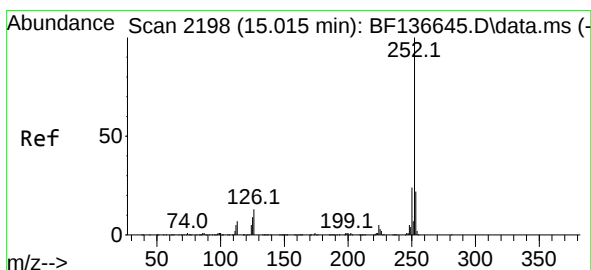
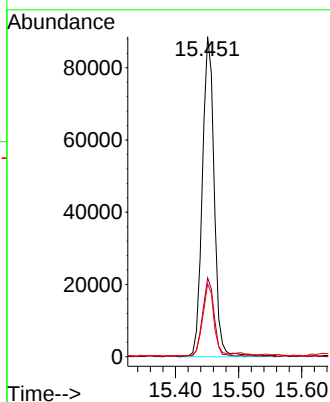
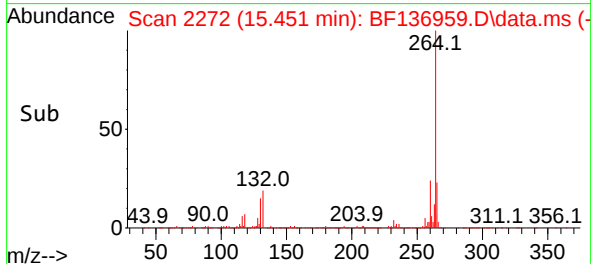
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:264 Resp: 11647
Ion Ratio Lower Upper
264 100
260 24.6 18.3 27.5
265 22.8 17.0 25.6

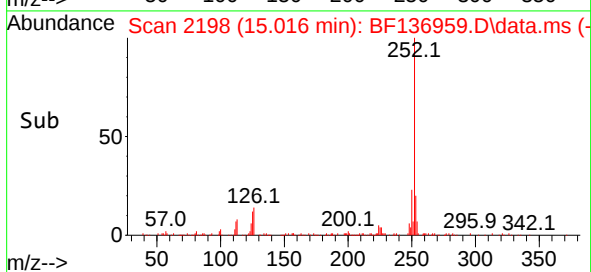
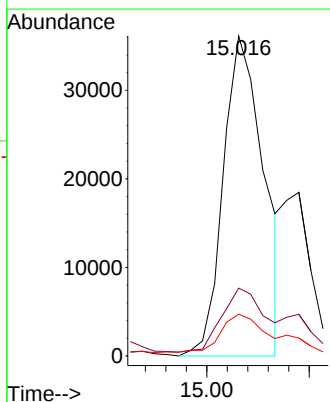
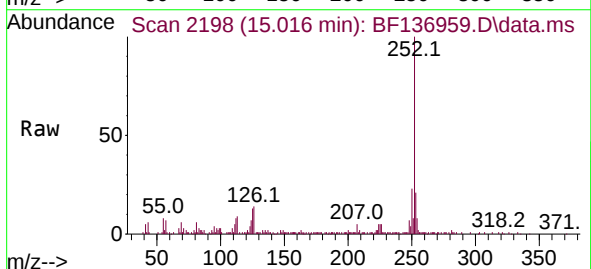
Manual Integrations
APPROVED

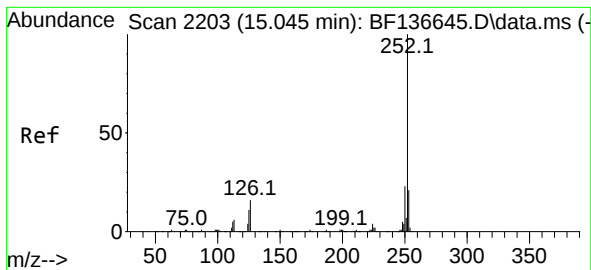
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#88
Benzo(b)fluoranthene
Concen: 6.384 ng m
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136959.D
Acq: 05 Jan 2024 00:57

Tgt Ion:252 Resp: 49663
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 13.1 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.372 ng m

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136959.D

Acq: 05 Jan 2024 00:57

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2

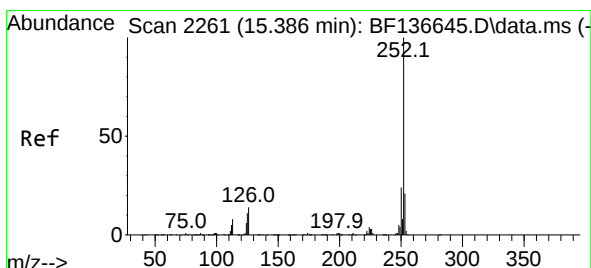
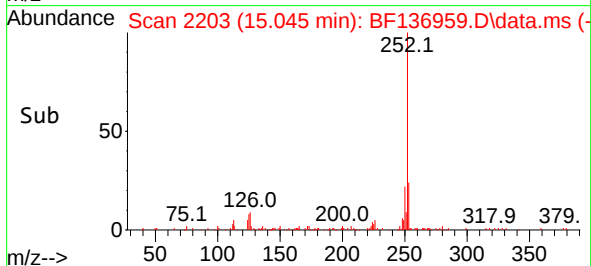
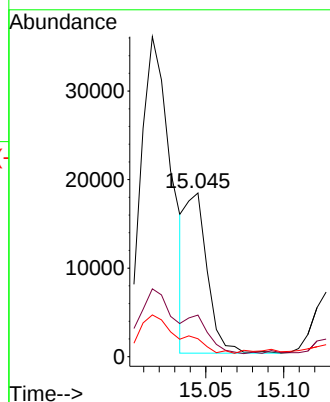
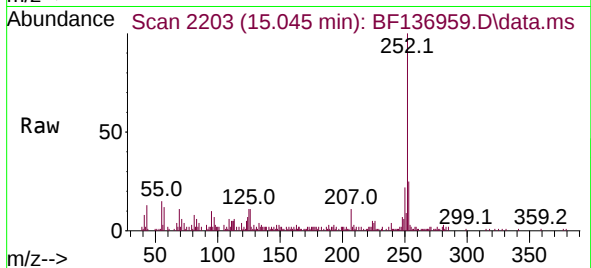
Tgt Ion:	252	Resp:	17434
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.0	25.6
125	10.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 5.030 ng

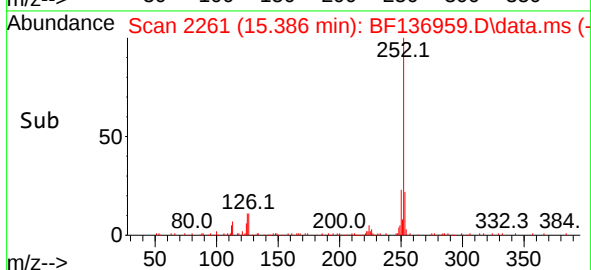
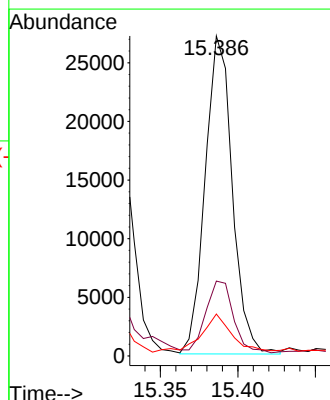
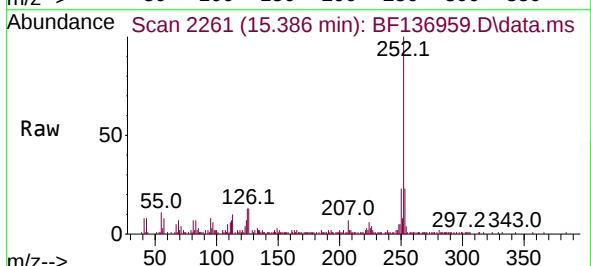
RT: 15.386 min Scan# 2261

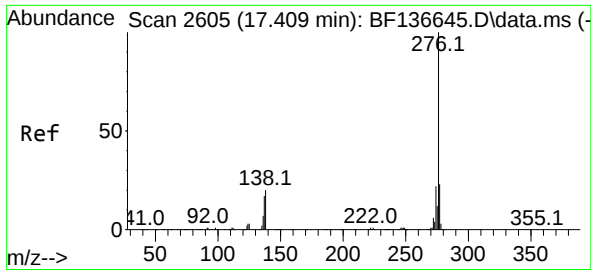
Delta R.T. 0.000 min

Lab File: BF136959.D

Acq: 05 Jan 2024 00:57

Tgt Ion:	252	Resp:	33030
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	13.1	8.8	13.2





#92

Benzo(g,h,i)perylene

Concen: 2.442 ng

RT: 17.421 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136959.D

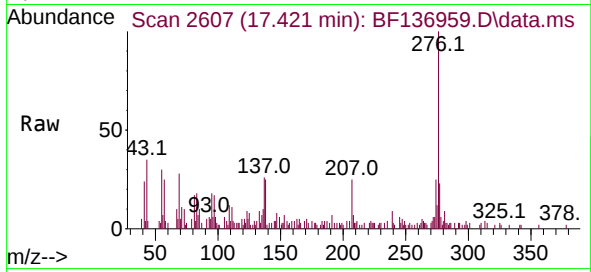
Acq: 05 Jan 2024 00:57

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2



Tgt Ion:276 Resp: 1725

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 25.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024

